

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C) (b) (6)
Subject: Fw: Travel request for (b) (6) (Storm Damages in (b)(7)(E)
Date: Tuesday, September 10, 2013 8:03:33 PM
Attachments: [P1000703.JPG](#)
[P1000704.JPG](#)
[P1000705.JPG](#)
[P1000706.JPG](#)
[P1000707.JPG](#)
[P1000708.JPG](#)
[P1000709.JPG](#)
[P1000710.JPG](#)

Sir,

I request your approval for (b) (6), (b) (7)(C) to travel to YUM to assess the (b)(7)(E) fence to help determine how best to stabilize the fence (ref to attached pics) and to travel to TCA for several actions previously identified by (b) (6), (b) (7)(C) and (b) (6), (b) (7)(C). I believe that both Sector requirements can be achieved in one week's travel, preferably next week with YUM as the first priority.

(b) (6), (b) (7)(C) please confirm your availability for the travel.

Thanks,

(b) (6), (b) (7)(C)

Sent from my Blackberry, please excuse any typographical errors

From: (b) (6), (b) (7)(C)
Sent: Monday, September 09, 2013 05:16 PM
To: (b) (6), (b) (7)(C) (b) (6)
Cc: (b) (6), (b) (7)(C)
Subject: Storm Damages in (b)(7)(E)

(b) (6), (b) (7)(C)

Just got back from (b)(7)(E) and meeting with BOR. Please see attached photos for current issues we are addressing.

Recap: over the last couple of weeks we have had major thunder storms and high levels of rain fall. (b)(7)(E) a section of fence is in need of our attention and I would like to engage (b) (6) on this issue for possible corrective actions, and we had a Lightning strike to the Fence (b)(7)(E). As discussed over the phone I will be working these repairs through our GAP contract.

(b) (6), (b) (7)(C)

Please take a look at the photos, as you may already know I have several ways to skin this cat already thought of however I would like to huddle up with you to discuss them before we engage. We will need to come to a consensus as soon as possible as the photos don't do it justice (b)(7)(E)

(b)(7)(E) Please call me when you can so we can discuss further and present (b)(7)(E) with our best options for corrective action. Thanks!

Peas and Carrots my Friend!

Respectfully,

(b) (6), (b) (7)(C)

Program Manager T.I M/R

Program Management Office

Facilities Management and Engineering

Yuma & El Centro Sectors

Office: (b) (6), (b) (7)(C)

Cell: (b) (6), (b) (7)(C)

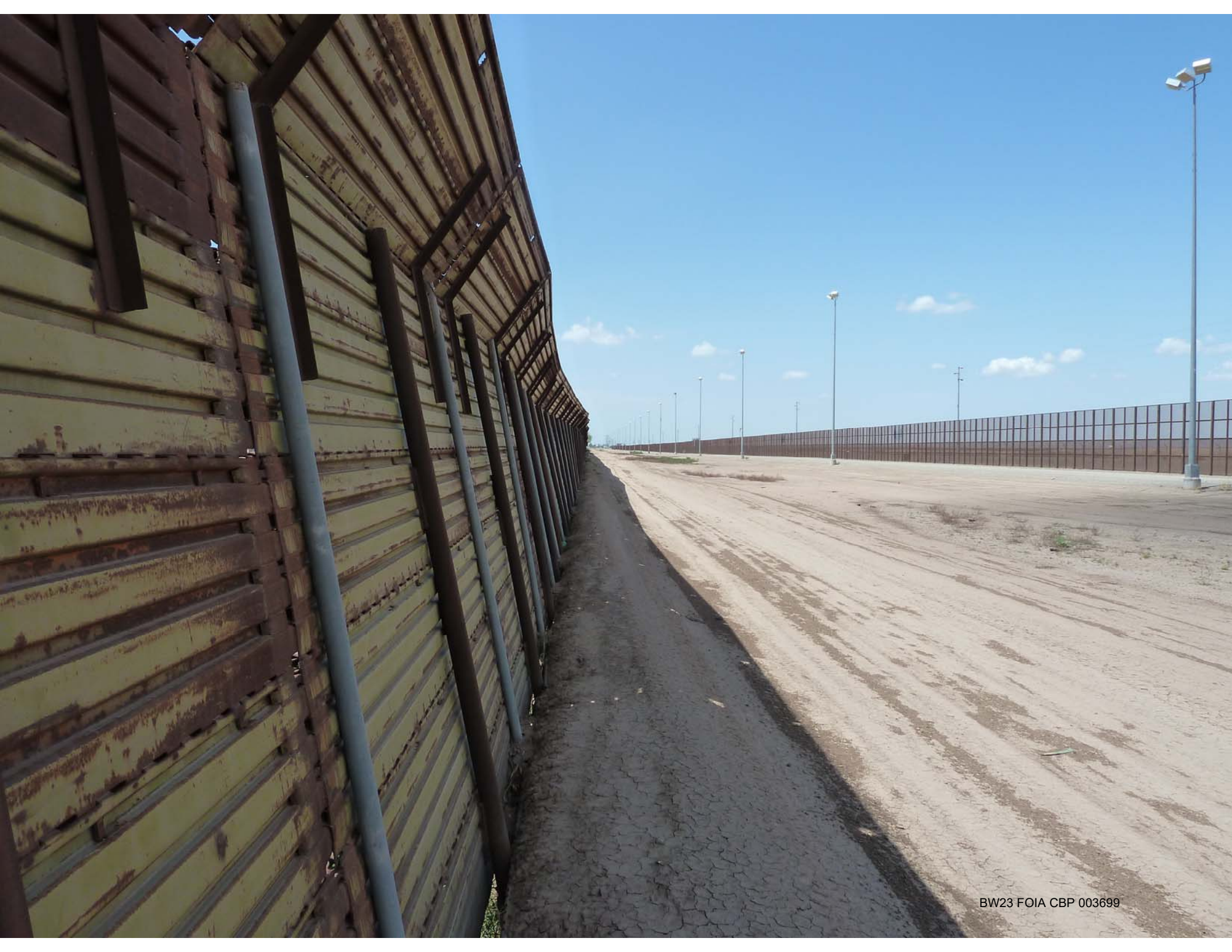
(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
Subject: RE: Weekly Report - 27 Mar 2014 (b) (6), (b) (7)(C)
Date: Tuesday, April 01, 2014 5:03:34 PM

Thanks (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)
Division Director, RE and ENV Services Division
Acting Division Director, TI Division
Border Patrol Facilities and Tactical Infrastructure
Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
Sent: Wednesday, March 26, 2014 11:19 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
Subject: Weekly Report - 27 Mar 2014 (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)
Changes from the last update are in red.

Hot Issues

Major Efforts

- K-1B Construction
 - Performed site visit on 5 Feb
 - Provided engineering review comments for gates electrical submittal on 11 Feb
 - Final gates submittal may be received this week, according contractor during weekly construction meeting. Now estimated by ktr to be delivered at end of March.
- Canal Crossings
 - Performed plan-in-hand site visit on 6 Feb; addressed minor changes in site conditions with USACE engineer.
 - 100% Revised RFP package received 25 Feb for review. Review completed 5 Mar.
- RGV Gates, Phase 1 (42 gates)
 - All gates now are available for Sector to use.
 - Deleted (b) (6), (b) (7)(C) Gap closure from contract due to (b) (6), (b) (7)(C) concern with (b) (6) Ramp
 - Will widen (b)(7)(E) Ramp, improve access road, and install culvert at TXDOT swale. If (b) (6), (b) (7)(C) is OK, will then close his gap.
 - Final design received 29 Jan 2014
 - (b) (6), (b) (7)(C) submitted TXDOT permit to local office. Approval is expected to be received in a couple weeks. Requested update 19 Mar.
 - (b) (6), (b) (7)(C) requested cost estimate from Primus, for (b) (6) Ramp and (b) (6), (b) (7)(C) Gap

Closure.

- (b) (6), (b) (7)(C) Gap Closure estimate needed by (b) (6), (b) (7)(C) in order to source D&D funds.
- Primus estimates received. (b) (6), (b) (7)(C) is working with Primus to reassess their estimated (b) (6), (b) (7)(C) Gap Closure cost. (b) (5)
- Per (b) (6), (b) (7)(C), a PRD will be needed for (b) (6) Ramp – (b) (6), (b) (7)(C) is working it.
- (b) (6), (b) (7)(C) advised that IBWC has levee work planned that we'll need to schedule around. Will follow up with IBWC.
 - IBWC will work in (b)(7)(E) area in mid to late May.
 - Will track to assure no conflict with their contractor.
 - Requested confirmation from IBWC PM that any work we accomplish before their work will not need to be reworked by CBP (25 Feb)
 - (b) (6), (b) (7)(C) advised on 13 Mar that (b) (6), (b) (7)(C) also is concerned about impact of USIBWC levee raising on our ramp, and his ability to navigate it. I will review Reach 4 drawings to assess the issue.
 - Levee will not be raised or widened towards the land side, so there should be no impact. This was confirmed with IBWC on 17 Mar.
- Landowner training
 - Sector prepares a weekly training report that helps to bring focus on this issue. A report was provided last week, and forwarded to the IPT team.
 - FTB is fully trained
 - BRV is fully trained except for 4 landowners
 - MCS is fully trained except for 7 emergency responders
 - HRL is partially trained
 - Per Sector 20 March update, WSL is still making significant progress in agent/landowner/emergency responder training.
- Warranty management (2 year warranty)
 - Rodents in the controller cabinet are a significant issue. Ultrasonic emitters have been installed in controller cabinets.
 - (b) (5)
 - (b) (5)
 - We've had two rodent incursions into operators with the EVAC repellent packets. Mfr was contacted and is sending 48 packets gratis; he is concerned about how fresh the ones were that we used.
 - Primus will put two in each operator where prior rodent issues occurred per mfr recommendation.
 - (b) (5)
 - Conference call held with USACE, (b) (6), (b) (7)(C) and myself on 17 Mar.
 - (b) (6), (b) (7)(C) will check with Weston on whether Primus can do the recommended closure work on the operators. If not, we'll need to arrange funding for a mod.
 - Doorking is sending an engineer next week (31 Mar), who will provide materials and procedure for closing gaps in the

operator cabinets, at no cost. He will train Primus, who will do the work.

- (b) (6), (b) (7)(E) will check on whether Primus feels qualified to rewire the operator at (b)(7)(E) if it's determined to be non-warranty.
- (b) (6), (b) (7)(E) will research background on (b)(7)(E) with Primus & Weston.
- A call was held 19 Mar with government team to review how we assess warranty vs. non-warranty work, to assure that process is effective and clear to those involved.
- A call was held with Weston on 25 Mar regarding CBP execution of non-warranty work. Weston will:

(b) (5)

- After conference call on 28 Jan with USACE COR, (b) (6), (b) (7)(C) and myself, the COR requested a plan from Weston to meet contract requirements for response to warranty requests.
 - Weston sent a letter dated 20 Feb to USACE requesting direction in handling work they believe is non-warranty, which is learned after they evaluate referred warranty items. Categories identified are vandalism, rodent-caused damage, improper maintenance/troubleshooting, and improper diagnosis.
 - Meeting held 21 Feb with USACE to discuss. BPFTI will review and provide feedback to (b) (6), (b) (7)(C) to assist in USACE response.
 - USACE advised in a 3 Mar meeting that they are preparing a response to Weston's letter.
 - Meeting held 4 Mar with USACE & Weston to discuss procedural issues other than those to be addressed in USACE's letter.
 - USACE COR has submitted proposed response letter to CO for review. Requested update 26 Mar.
 - Design Delay Claim letter dated 5 Nov 2013 received from Weston; requests \$ (b) (5) for delays from "inappropriate design review comments" and "refusal to fast track" the design process.
 - Weston sent letter 9 Dec 2013 requesting release of LD's.
 - USACE response letter was sent 22 Jan, copy provided to BPFTI management same day.
 - I provided claim review comments to USACE on 9 Dec.
 - USACE CO denied the claim in total on 14 March. Weston has 90 days to dispute the decision to ASBCA, or 1 year to dispute it to COFC.
 - Risk assessment validated in FITT for RGV Gates 25 Mar 2014
- ECISO Round V & CBP Gap Filler Contracts – will need to work transition to CTIMR for WA#2 with ECISO
 - Gap Filler contracts for TCA and YUM are good thru 31 March except for TCA Roads, whose option expires in mid-March.
 - Gap Filler tracking spreadsheet provided to (b) (6), (b) (7)(C) 26 Feb to assist in tracking contracts to be transitioned.
- Tactical Infrastructure Condition Index Working Group
 - Meeting held 8 April
 - Minutes/agenda sent 8 April for next meeting.
 - Milestones sent to BOD for SMR meeting 16 Jun
- LCCE Development for Budget Assessment
 - Working with (b) (6), (b) (7)(C) to review existing estimates and make recommended

adjustments, prior to next budget cycle. Compilation of cost data from USACE "interim" contracts and gap filler contracts is 98% complete, with average costs developed for each bucket for each Sector.

- Available CTIMR cost data compiled and incorporated.
- Meeting with (b) (6), (b) (7)(C) held Monday, 28 Jan, to review estimate.
 - (b) (6), (b) (7)(C) will have overall responsibility of the LCCE
 - Meeting with (b) (6), (b) (7)(C) held 30 January 2014
 - (b) (6), (b) (7)(C) are working invoices vs. CTIMR in WMS, and will consolidate data.
 - (b) (6), (b) (7)(C) will work roads estimate.
 - Received breakdown of acquired vs. licensed roads from (b) (6), (b) (6), (b) (7)(C) (b) (5)
 - Estimate for completion estimated as end of March..
- Meeting with (b) (6), (b) (7)(C) held 18 Feb, with updated product from (b) (6), (b) (7)(C).
 - (b) (6), (b) (7)(C) are satisfied with it for their purposes, so this action is closed.
 - However, (b) (6), (b) (7)(C) and (b) (5)
- Also, (b) (6), (b) (7)(C) would like the data sorted by Sector and bucket for assessing CTIMR budgets.
- Attended a meeting with (b) (6), (b) (7)(C) & her folks on 8 March to discuss the way forward on separating owned and operational requirements (esp. roads), including terminology that may better describe (b) (6), (b) (7)(C) intent. A plan was developed and will be managed by (b) (6), (b) (6), (b) (7)(C)

Good News

Concerns

- EPT MOA for Vega Mowing
 - Agreement to proceed with MOA; currently developing draft. Draft MOA completed and forwarded for CBP review on 24 Sep. Comments due by 4 Oct.
 - Meeting to discuss comments held 25 Oct
 - Final draft completed coordination and was sent to USIBWC for initial review 22 Nov.
 - (b) (6), (b) (7)(C) confirmed on 25 Nov that she requested review comments and expected them "soon". (b) (6), (b) (7)(C) will request status at monthly IBWC meeting on 9 Jan.
 - Spoke to (b) (6), (b) (7)(C) on 22 Jan and she expects to submit the MOA to management for review & comment next week.
 - Requested update from (b) (6), (b) (7)(C) 10 Feb for IBWC meeting upcoming.
- EPT MOA for Levee Road Maintenance
 - Contacted USIBWC 22 Nov; MOA now in review. (b) (6), (b) (7)(C) will request status in the IBWC meeting on 9 Jan.
 - Spoke to (b) (6), (b) (7)(C) on 22 Jan and she expects to submit the MOA to management for review & comment next week.
 - Additional revision sent to (b) (6), (b) (7)(C) 24 Feb, as recommended by (b) (6), (b) (7)(C), and coordinated with (b) (6), (b) (7)(C)
 - On 21 Mar, (b) (6), (b) (7)(C) advised that IBWC legal has made comments we need to discuss.
- Levee Road Maintenance MOA's for EPT and RGV.

(b) (5), (b)(6); (b)(7)(C)

- (b)(7)(E) MILCON, Phase 2
 - 100% engineering review comments provided 12 Feb.
 - Kick-off meeting scheduled for 8 April in RGV.
- (b)(7)(E) Fence Closure Project
 - Visited (b)(7)(E) area 27 Aug, where IBWC terminated their contract before closing the (b)(7)(E) fence line.
 - HCID#1, IBWC, HCDD#1, Sector and BPFTI were present.
 - Meeting is scheduled for 7 March with above agencies to discuss HCDD proposal for (b)(5) (b)(6), (b)(7)(C) will attend for BPFTI.
 - Per (b)(6), (b)(7)(C) USIBWC may proceed with closure project with existing CBP funds available on IAA.
 - (b)(6), (b)(7)(C) attended meeting in RGV; County provided a new plan that they intend to execute.

(b) (5)

- (b)(6), (b)(7)(C) will follow up with County on progress.
- Revegetation action is still needed. (b)(6), (b)(7)(C) will discuss with USIBWC.
- EPT – USIBWC (b)(7)(E) Project (b)(7)(E)
 - 90% design provided, but did not address impact on (b)(7)(E) constructed infrastructure, especially at (b)(7)(E) Engineering review comments provided 4 Mar.
- EPT – USIBWC (b)(7)(E) Project
 - Project design stopped at 60% in early 2012 due to lack of funding
 - USIBWC advised that funding is now available, and 90% design will be provided soon.
 - Draft MOA was shared with USIBWC to address removal/reinstallation of fencing/gates, and border security during the project.
 - Draft MOA reviewed with Sector on 27 Feb. **Sent proposed revisions for review by Sector and (b)(6), (b)(7)(C) 23 Mar. Sent reminder to Sector on 26 Mar.**
- (b)(7)(E) Bridge – Security Requirements
 - Span across Rio Grande has been installed, with fencing to deter pedestrian traffic.
 - Status as of 10 Jul 2013 (from CC construction manager)
 - CC contractor is laying track.
 - Revised schedule shows 25 Nov 2013 completion
 - Mexico is reported to estimate a late October 2013 completion
 - CC is still reportedly looking for funding for CBP requirements
 - Provided input for briefing for Reps. Carter and Vela on 13 Aug and information for “get backs” that resulted from the meeting.
 - Latest Update
 - Construction on both sides appears to be near completion according to the CCRMA construction manager.
 - (b)(6), (b)(7)(C), OFO PM, provided email string on 13 Jan indicating CCRMA now

(b) (5)

- Requested update from CCRMA 13 Jan, but no response yet. Also, followed up with a call, and left message with secretary. On 22 Jan CCRMA secretary advised that CCRMA Administrator (b) (6), (b) (7)(C) is out of town and she doesn't know when he'll be back.
- Provided update to (b) (6), (b) (7)(C) on 22 Jan (b) (5)
- Another email and call placed to CCRMA, but no response. (b) (6), (b) (7)(C) will follow up with them.
- RGV (b) (7)(E) Highway – Fence Relocation
 - Confirmed funding available from TXDOT & CCRMA bonds; final estimate not developed yet
 - Coordination w/IBWC will start once TXDOT approves draft EA
 - Requested update from TXDOT POC 30 Dec 2013
 - Sent draft PRD to ECSO and requested ROM & notional schedule – 18 Jun.
 - ECSO estimates 1 Aug for delivery
 - Provided HDR (b) (6), (b) (7)(C) with PRD & status update on 6 Aug.
 - Held discussion with (b) (6) 4 Sep to review scope and reconfirm need for cost/schedule input.
 - ROM received from ECSO (b) (6), (b) (7)(C) 18 Feb.
- CTIMR Support – Area 3
 - Performed engineering site visit to various TI M&R completed and planned work with (b) (6), (b) (7)(C) on 4/5 Feb
 - Provided engineering assessment of (b) (7)(E) M&R plan on 11 Feb
 - Requested cost data for (b) (7)(E) repairs, (b) (5) (b) (5) Reminder email sent 26 Feb, and on 14 Mar.
 - Reviewed CWP#1 additional work elements on 1 Jul and sent 14 review comments/questions.
 - Due to time constraints with issuing CWP, comments will be discussed at a later time. Comment resolution needed on:
 - F&G 1049 – Retaining wall
 - R&B 1055 – Road (b) (7)(E) POE
 - L&E 1063 – Lighting inspection
 - V&D 1068, 1069, 1073, 1266-1269 – Veg loading/hauling/disposal
 - R&B 1258 – LWC repair
 - R&B 1260 – (b) (7)(E) road
 - Deferred items w/comments, or needing engrg support
 - R&B 1270 – (b) (7)(E)
 - V&D 1272 – Retention pond
 - R&B 1273 – (b) (7)(E) proposed repairs
 - R&B 1274 – (b) (7)(E) articulated mat at LWC
 - CWP#3 review comments provided 11 Dec.
 - Received CWP #4 for review 17 Mar. Review comments provided 18 Mar. PM response received 18 Mar. Will review responses on 19 Mar. Resolved all concerns 24 Mar, but will continue working with PM on two work items:

(b) (7)(E)

- CTIMR Support – Area 4
 - DRT.
 - Provided initial review and comments on proposed (b) (5)
 - Working with (b) (6), (b) (7)(C) on final repair approach.

- Requested review of the following work elements for CWP #5 on 13 Jun, once info is available:
 - (b)(7)(E) Road Surface Repair.
 - Provided review comments on CWP #8 on 5 Mar.
 - Discussed with PM on 6 Mar, and sent updated comments on 12 Mar. Concerns resolved on 18 Mar.
 - (b)(7)(E) Boat Ramp Access Gate PRD – received PRD for review 5 Mar; provided engineering review comments/questions on 7 Mar. Discussed with PM on 17 Mar, was requested to mark up PRD to reflect our discussions.
- o LRT
- Reviewed CWP#7 and provided comments. Comments were resolved.
 - Provided review comments on CWP #8 on 5 Mar.
 - Received response on 6 Mar, and approved plan on 12 Mar, with some concerns that we will continue to work.
 - (b)(7)(E) PRD – received 12 Mar for review; review comments provided 23 Mar.
 - Discussing need to develop policy on (b)(7)(E) with (b)(6); (b)(7)(C)
- o RGV
- Participated in CWP #8 review with PM & Primus on 5 Mar, and provided engineering concerns which were resolved.
 - Boat Ramps (Top 3) – working with PM & (b)(6), (b)(7)(C) on concept

(b) (5)

 - Meeting was held on 7 Jan with WA #4 PMs and (b)(6), (b)(7)(C) to discuss various issues raised by (b)(6), (b)(7). The meeting was productive, but management input may be needed to resolve some issues.
 - (b)(6), (b)(7) has the lead on resolving questions she raised.

(b) (5)

 - (b)(7)(E) Boat Ramp PRD – received for review 19 Mar; provided engineering review comments 23 Mar.
 - Maintenance Roads adjacent to fencing in Cameron County
 - Working with (b)(6), (b)(7)/Sector on requirements for CWP #5
 - Provided engineering guidance 16 Oct.
 - Will review all roads on 9/10 April site visit, and develop M&R plan that can be used for future Work Plans.
 - MOA for Levee Road Maintenance – Held discussion with (b)(6), (b)(7) & Sector on proposed new MOA on 12 Jun. Will wait for EPT final MOA and use it as a template.
 - Visited (b)(7)(E) with (b)(6) Primus, (b)(6), (b)(7)(C) 27 Aug.
 - (b)(5)
 - Primus will begin maintenance on cable/winch/roller system.
 - Provided USACE design options to (b)(6), (b)(7) meeting scheduled to discuss with Primus will be moved by (b)(6), (b)(7) due to conflicts.

Deliverables

- Gates IPT minutes and agenda prepared and sent to team members

- Provided engineering review comments to (b)(7)(E) Boat Ramp PRD
- Provided engineering review comments to (b)(7)(E) Grates PRD
- WA #3 CWP #4 – resolved engineering review comments provided 24 Mar; will continue to work with PM on two work items.
- EPT (b)(7)(E) MOA – provided proposed revisions for review by Sector on 23 Mar.

(b) (6), (b) (7)

(b) (6), (b) (7)(C), PE, PMP

Program Manager

LMI

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

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Border Patrol's proud legacy"*

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
Subject: RE: Weekly Report - 10 Apr 2014 (b) (6))
Date: Tuesday, April 15, 2014 8:31:57 AM

Thanks (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)
Division Director, RE and ENV Services Division
Acting Division Director, TI Division
Border Patrol Facilities and Tactical Infrastructure
Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
Sent: Wednesday, April 09, 2014 9:44 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
(b) (6) (b) (6), (b) (7)(C)
Subject: Weekly Report - 10 Apr 2014 (b) (6))

(b) (6), (b) (7)(C)

Below are the highlights of the last week:

- RGV Gates, Phase 1 (42 gates)
(b) (5), (b) (6)
 - Meeting is scheduled for Friday to discuss impact with IPT team.
 - Warranty Management
 - Doorking and Primus began retrofits to address various openings that rodents can use. Retrofits are ongoing by Primus,
 - A new report of rodents eating the rodent repellent from EVAC. We will evaluate and reassess our strategy.
 - USACE CO sent response letter on Friday, 4 Apr, responding to each of 5 issues in Weston's REA for performing non-warranty work. The CO emphasized that Weston is not to proceed with any work that it deems to be not warranty. The CO also noted that Weston is responsible for the warranty management plan and the O&M manuals and needs to revise those if needed to address procedural issues it would like to change.
 - (b) (5)

- (b)(7)(E) MILCON, Phase 2
 - Kick-off meeting held on 8 April in RGV.
 - FWS concerns were reviewed in the field and adjustments to the design made/distributed by USACE on 9 April.
 - Lesson learned - BOM contracts need to have all submittals reviewed and approved before the kickoff meeting, to ensure the military is in position to place orders as needed.
- (b)(7)(E) Fence Closure Project - Visited site with Heather on 8 April to review alternatives discussed by County and Irrigation District officials with (b)(6), (b)(7)(C) and IBWC.
- (b)(7)(E) Bridge – Security Requirements
 - A meeting and conference call was held 9 April with (b)(6) to discuss CCRMA plans for bridge security IAW the MOA.
 - He plans to execute bridge security (including a swing gate) thru his existing contract, with one of the subcontractors, who is located in Brownsville.
 - A conference call will be scheduled shortly to review the gate requirements. CCRMA plans to have HNTB put the final package together for fencing, lighting and the gate.
 - The US VACIS moving contract may be awarded shortly, and may take 12 weeks to complete.
 - (b)(6) also acknowledge some remaining punch list work on the facilities and will forward that info to us and (b)(6), (b)(7)(C) of FOF.
- CTIMR Support – Area 4
 - DRT.
 - (b)(7)(E) Boat Ramp Access Gate PRD – Resolution of all comments is ongoing. My last request was to review the solar panel calculations.

(b)(6), (b)(7)(C)

(b)(6), (b)(7)(C), PE, PMP

Program Manager

LMI

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

Office: (b)(6), (b)(7)(C)

Mobile: (b)(6), (b)(7)(C)

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From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C); (b) (6)
Cc: (b) (6), (b) (7)(C)
Subject: FW: FYI - Unfunded Requirements (UFR) Submission
Date: Friday, May 20, 2016 8:16:50 AM
Attachments: Not Responsive

Should (b) (6), (b) (7)(C) be on this list too? (b) (5)

(b) (6), (b) (7)(C), P.E., PMP
SME, TI Division
LMI Government Consulting
Border Patrol Facilities & Tactical Infrastructure
Program Management Office
Facilities Management & Engineering
U.S. Customs and Border Protection

Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C) (Preferred)
Email: (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Thursday, May 19, 2016 1:47 PM
To: (b) (6), (b) (7)(C); (b) (6)
(b) (6); (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: FW: FYI - Unfunded Requirements (UFR) Submission

Please see below and attached. If you have a UFR please be ready to address documentation if funding shows up.

Regards,
(b) (6), (b) (7)(C), PMP, CBM
Director
CBP-OA-FM&E-BPFTI
Tactical Infrastructure
Washington, D.C
(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Thursday, May 19, 2016 1:25:17 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: FYI - Unfunded Requirements (UFR) Submission

All,

Last week we were given a short turnaround task to submit our Unfunded Requirements (UFR) to P3B, as we received guidance that (b) (5)

Please see the comprehensive list attached (many of the items were submitted previously and denied.)

We are awaiting the reviews now and will update everyone as we get more information on which of these items (if not all) will be funded.

Please communicate to your staff and (b) (5) we will need to execute as much as we can by the end of the FY.

Thank you,

(b) (6), (b) (7)(C)

Chief, Financial Management Branch
Border Patrol Facilities & Tactical Infrastructure
Program Management Office
Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Weekly Report - 17 Apr 2014 (b) (6))
Date: Wednesday, April 16, 2014 11:35:15 AM

Changed date in subject line.

From: (b) (6), (b) (7)(C)
Sent: Wednesday, April 16, 2014 11:33 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Weekly Report - 10 Apr 2014 (b) (6))

(b) (6), (b) (7)(C)

Below are highlights of the last week.

- (b) (7)(E) Construction
 - Reviewing dimensioning issue at (b)(7)(E) location. Issue identified on 15 Apr.
- RGV Gates, Phase 1 (b)(7)(E) gates
 - (b) (5), (b) (6)
 - Meeting held Friday, 18 Apr, to discuss impact with IPT team.
 - (b) (6), (b) (7)(C) presented alternatives for consideration.
 - (b) (6), (b) (7)(C) will contact IBWC and discuss their standards with them
 - Per IBWC, they will review the existing (b) (6) ramp and (b) (5)
 - (b) (6), (b) (7)(C) is also checking other ramp slopes from IBWC levee rehab drawings.
 - Warranty management (2 year warranty)
 - Changes to gates proposed by Weston under the warranty:

(b) (5)

- Aggressive management by (b) (6), (b) (7)(C) continues to keep the warranty process improving and the contractor focused on the right issues. The contractor is supporting the warranty process, although response times are still not meeting contract requirements.

The rodent issue continues to develop as we evaluate contractor proposed options
(b) (5) Our
backup deterrent system is the ultrasonic systems that we currently have unplugged
during the evaluation of the contractor options.

- (b)(7)(E) Bridge – Security Requirements

(b) (5)

- CTIMR Support – Area 4
 - DRT
 - (b)(7)(E) Boat Ramp Access Gate – Reviewed & approved of solar calculations on 15 Apr.
 - RGV
 - Performed site visit to RGV, after (b)(7)(E) Phase 2 MILCON kickoff meeting. Visited about 1/3 of roads in RGV and provided guidance to (b) (6), (b) (7)(C) on M&R.

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), PE, PMP

Program Manager

LMI

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

*"Excel as a trusted strategic partner enhancing
Border Patrol's proud legacy"*

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Subject: RE: Weekly Report - 10 Apr 2014 (b) (6)
Date: Wednesday, April 09, 2014 9:52:55 PM

Your report is getting shorter.....

(b) (6), (b) (7)(C), CBM, PMP
Division Director, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
1301 Constitution Ave. NW, Suite B-155
Washington, DC 20004
Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)
Sent: Wednesday, April 09, 2014 9:44 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
(b) (6) (b) (6), (b) (7)(C)
Subject: Weekly Report - 10 Apr 2014 (b) (6)

(b) (6), (b) (7)(C)

Below are the highlights of the last week:

- RGV Gates, Phase 1 (b) (7)(E) gates
 - (b) (5), (b) (6)
 - Meeting is scheduled for Friday to discuss impact with IPT team.
 - Warranty Management
 - Doorking and Primus began retrofits to address various openings that rodents can use. Retrofits are ongoing by Primus,
 - A new report of rodents eating the rodent repellent from EVAC. We will evaluate and reassess our strategy.
 - USACE CO sent response letter on Friday, 4 Apr, responding to each of 5 issues in Weston's REA for performing non-warranty work. The CO emphasized that Weston is not to proceed with any work that it deems to be not warranty. The CO also noted that Weston is responsible for the warranty management plan and the O&M manuals and needs to revise those if needed to address procedural issues it would like to change.
 - (b) (5)
- (b) (7)(E) MILCON, Phase 2
 - Kick-off meeting held on 8 April in RGV.

- FWS concerns were reviewed in the field and adjustments to the design made/distributed by USACE on 9 April.
- Lesson learned - BOM contracts need to have all submittals reviewed and approved before the kickoff meeting, to ensure the military is in position to place orders as needed.
- (b)(7)(E) Fence Closure Project - Visited site with (b) (6), (b) (7)(C) on 8 April to review alternatives discussed by County and Irrigation District officials with Scott R and IBWC.
- (b)(7)(E) Bridge – Security Requirements
 - A meeting and conference call was held 9 April with (b) (6) to discuss CCRMA plans for bridge security IAW the MOA.
 - He plans to execute bridge security (including a swing gate) thru his existing contract, with one of the subcontractors, who is located in Brownsville.
 - A conference call will be scheduled shortly to review the gate requirements. CCRMA plans to have HNTB put the final package together for fencing, lighting and the gate.
 - The US VACIS moving contract may be awarded shortly, and may take 12 weeks to complete.
 - (b) (6) also acknowledge some remaining punch list work on the facilities and will forward that info to us and (b) (6), (b) (7)(C) of FOF.
- CTIMR Support – Area 4
 - DRT.
 - (b)(7)(E) Boat Ramp Access Gate PRD – Resolution of all comments is ongoing. My last request was to review the solar panel calculations.

(b) (6), (b) (7)

(b) (6), (b) (7)(C), PE, PMP

Program Manager

LMI

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

*"Excel as a trusted strategic partner enhancing
Border Patrol's proud legacy"*

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Subject: RE: Weekly Report - 10 Apr 2014 (b) (6)
Date: Wednesday, April 09, 2014 10:06:17 PM

They didn't like the longer versions and asked everyone to just send any new info. ☺ But I'm keeping the longer version anyway because it's a good tool to remind me of issues that need attention, and then just sending them the short version.

From: (b) (6), (b) (7)(C)
Sent: Wednesday, April 09, 2014 9:53 PM
To: (b) (6), (b) (7)(C)
Subject: RE: Weekly Report - 10 Apr 2014 (b) (6)

Your report is getting shorter.....

(b) (6), (b) (7)(C), CBM, PMP
Division Director, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
1301 Constitution Ave. NW, Suite B-155
Washington, DC 20004
Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)
Sent: Wednesday, April 09, 2014 9:44 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
(b) (6) (b) (6), (b) (7)(C)
Subject: Weekly Report - 10 Apr 2014 (b) (6)

(b) (6), (b) (7)

Below are the highlights of the last week:

- RGV Gates Phase 1 (b) (7)(E) (gates)
 - (b) (5), (b) (6)
 - Meeting is scheduled for Friday to discuss impact with IPT team.
 - Warranty Management
 - Doorking and Primus began retrofits to address various openings that rodents can use. Retrofits are ongoing by Primus,
 - A new report of rodents eating the rodent repellent from EVAC. We will evaluate and reassess our strategy.
 - USACE CO sent response letter on Friday, 4 Apr, responding to each of 5 issues in Weston's REA for performing non-warranty work. The CO emphasized that Weston is not to proceed with any work that it deems to be not warranty. The CO also noted that Weston is responsible for the warranty management plan and the O&M manuals and needs to revise those if needed to address procedural issues it would like to

change.

- (b) (5)
[Redacted]
- (b)(7)(E) MILCON, Phase 2
 - Kick-off meeting held on 8 April in RGV.
 - FWS concerns were reviewed in the field and adjustments to the design made/distributed by USACE on 9 April.
 - Lesson learned - BOM contracts need to have all submittals reviewed and approved before the kickoff meeting, to ensure the military is in position to place orders as needed.
- (b)(7)(E) Fence Closure Project - Visited site with (b) (6), (b) (7)(C) on 8 April to review alternatives discussed by County and Irrigation District officials with (b) (6), (b) (7)(C) and IBWC.
- (b)(7)(E) Bridge – Security Requirements
 - A meeting and conference call was held 9 April with (b) (6) to discuss CCRMA plans for bridge security IAW the MOA.
 - He plans to execute bridge security (including a swing gate) thru his existing contract, with one of the subcontractors, who is located in Brownsville.
 - A conference call will be scheduled shortly to review the gate requirements. CCRMA plans to have HNTB put the final package together for fencing, lighting and the gate.
 - The US VACIS moving contract may be awarded shortly, and may take 12 weeks to complete.
 - (b) (6) also acknowledge some remaining punch list work on the facilities and will forward that info to us and (b) (6), (b) (7)(C) of FOF.
- CTIMR Support – Area 4
 - DRT.
 - (b)(7)(E) Boat Ramp Access Gate PRD – Resolution of all comments is ongoing. My last request was to review the solar panel calculations.

(b) (6), (b) (7)

(b) (6), (b) (7)(C), PE, PMP
Program Manager
LMI
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
*"Excel as a trusted strategic partner enhancing
Border Patrol's proud legacy"*

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C); (b) (6), (b) (7)(C)
Cc: (b) (6); (b) (6), (b) (7)(C)
Subject: [WARNING: ATTACHMENT(S) MAY CONTAIN MALWARE][WARNING: ATTACHMENT(S) MAY CONTAIN MALWARE]Bi-Weekly ENV Branch/EED Review Call
Attachments: NON-RESPONSIVE

Hello everyone,

The next biweekly meeting will be on July 11th at 11 am (PST) / 2 pm (EST). The purpose of this call will be to highlight major changes and review any programmatic items that warrant discussion.

Please remember to update the project spreadsheet in advance of the call.

Not Responsive

Thank you,

(b) (6), (b) (7)(C)
Data Analyst | DL, Inc.
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C) | Mobile: (b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6)
Subject: RE: CBP/IBWC Conference Call Notes
Date: Thursday, September 08, 2016 9:39:28 AM

Thanks. Good info.

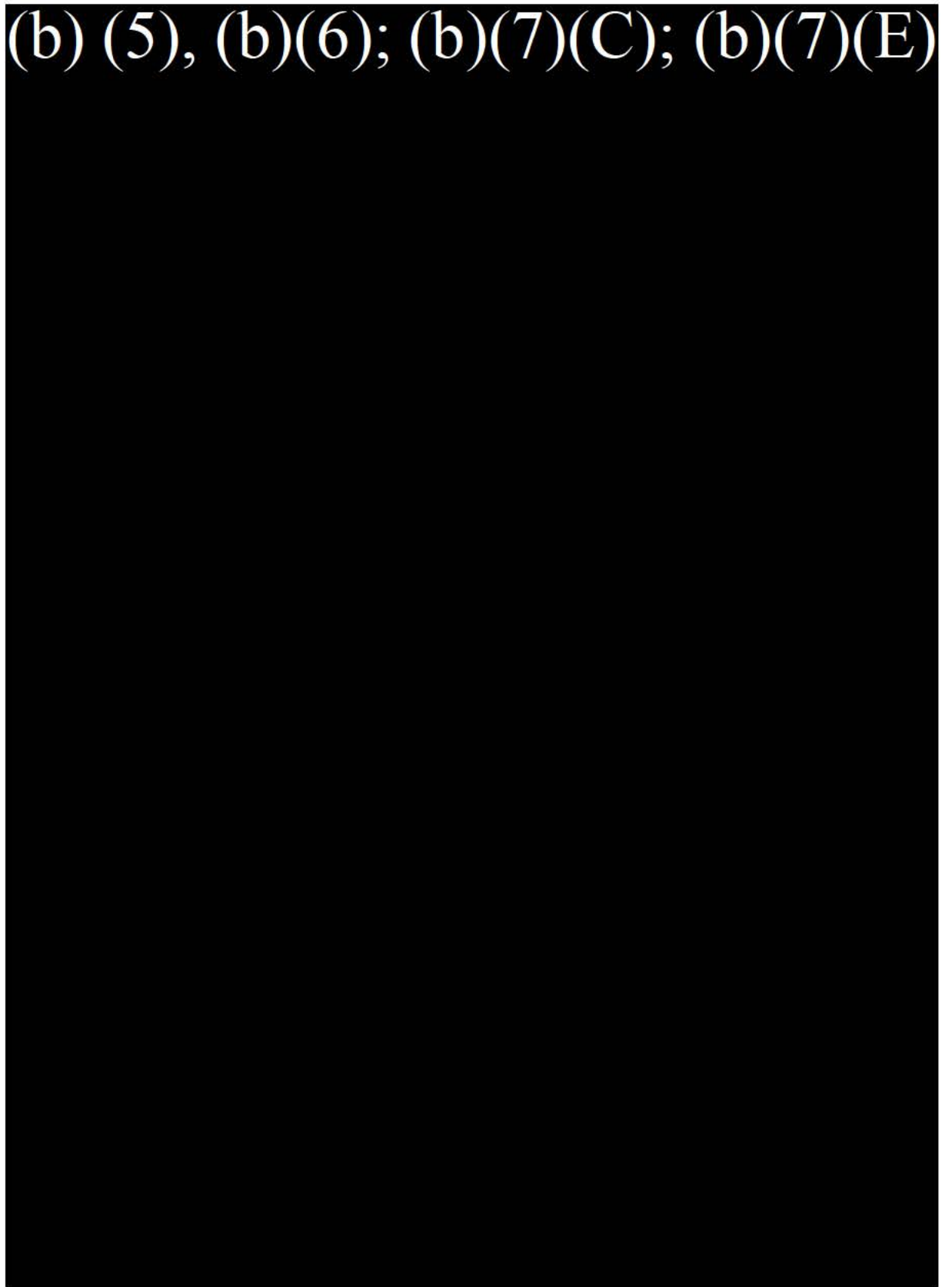
From: (b) (6), (b) (7)(C)
Sent: Thursday, September 08, 2016 7:53:12 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6)
Subject: CBP/IBWC Conference Call Notes

All

Yesterday, myself, (b) (6), (b) (7)(C) and representatives from Border Patrol ELP participated in a conference call with IBWC regarding a number of BPFTI/CBP initiatives. Provided below is summary of our discussions and pending action items:

(b) (5), (b) (7)(E)

(b) (5), (b)(6); (b)(7)(C); (b)(7)(E)



-
-
-

(b) (6), (b) (7)(C) is IBWC's new Chief of Realty and has been designated as our new POC for IBWC HQ related matters. (b) (6), (b) (7)(C) and I agreed to meet face to face when I'm in El Paso on the 19th.

Please let me know if you have any questions or would like to discuss any of the matters described above.

Best,

(b) (6), (b) (7)

(b) (6), (b) (7)(C), P.E., PMP, Chief Engineer

LMI

Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: (b)(7)(E) TARS - Tree growth along the fence line (b)(7)(E)
Date: Friday, July 15, 2016 10:38:51 AM

Let's set this up for internal discussion.

From: (b) (6), (b) (7)(C)
Sent: Friday, July 15, 2016 10:25:16 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: FW: (b)(7)(E) TARS - Tree growth along the fence line (b)(7)(E)

(b) (5), (b)(6); (b)(7)(C)

(b) (6) – also if you can convey the message to (b) (6), (b) (7)(C) – we heard from Dimmit County’s Attorney, a (b) (6), (b) (7)(C), regarding (b)(7)(E) BPS. They’ve asked for a meeting. We responded that it would need to wait until the week of July 25th when (b) (6), (b) (7) returns to the office. If you have a better date and time; let me know. (b) (6), (b) (7) and I should be available most times; not sure about (b) (6), (b) (7). We should also have a pre-meeting. I’ll be out nearly all of August.

Thanks for staying in touch while on TDY.

(b) (6), (b) (7)(C)
Leasing Branch Chief, Real Estate & Environmental Management
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
FAX: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)

Sent: Thursday, July 14, 2016 10:05 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: (b)(7)(E) TARS - Tree growth along the fence line (b)(7)(E)

(b) (6), (b) (7) – Attached is (b) (6), (b) (7)(C) real estate acquisition delegation from the Executive Director. (b) (5)

(b) (6), (b) (7)(C).

From: (b) (6), (b) (7)(C)

Sent: Thursday, July 14, 2016 4:51 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: (b)(7)(E) TARS - Tree growth along the fence line (b)(7)(E)

(b) (6), (b) (7)(C)



(b) (6), (b) (7)(C), PMP (CTR)
Real Estate Specialist
LMI Government Consulting
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering

Cell: (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Thursday, July 14, 2016 7:28:35 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: Fw: (b)(7)(E) TARS - Tree growth along the fence line (b)(7)(E)

(b) (5), (b)(6); (b)(7)(C)

(b) (6)

From: (b) (6), (b) (7)(C)

Sent: Thursday, July 14, 2016 03:22 PM

To: (b) (6), (b) (7)(C); (b) (6)

(b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: (b)(7)(E) TARS - Tree growth along the fence line (b)(7)(E)

(b) (5), (b)(6); (b)(7)(C)

(b) (6), (b) (7)(C)

Program Manager

LMR Leasing Program

Border Patrol Facilities and Tactical Infrastructure

Facilities Management and Engineering

US Customs and Border Protection

150 Westpark Way

Eules, TX 76040

(c) (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Thursday, July 14, 2016 4:16 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: (b)(7)(E) TARS - Tree growth along the fence line (b)(7)(E)

Hello all,

After reading the leasing, my interpretation of the tree maintenance around the fence is as follows...

(b) (5), (b) (6)

If I misinterpreted this, please feel free to correct me.

Thank you,

(b) (6), (b) (7)(C)

Program Analyst, Leasing Branch

Strategic Analysis, Inc.

Border Patrol Facilities and Tactical Infrastructure

Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Business Cell: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)

Sent: Thursday, July 14, 2016 2:03 PM

To: (b) (6); (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: FW: (b)(7)(E) TARS - Tree growth along the fence line (b)(7)(E)

Thanks (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C) I'm adding you to serve as CO – TARS Leases are part of the (b)(7)(E) Inventory (b) (6), (b) (7)(C) works, so need you as CO and (b) (6), (b) (7)(C) is out this week. Feel free to jump in, especially with your Tower maintenance background. Below are my initial thoughts.



Call me with any questions – I also tapped (b) (6), (b) (7)(C) who has the best background from his work on the original transfer to CBP.

(b) (6), (b) (7)(C)

Leasing Branch Chief, Real Estate & Environmental Management
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

FAX: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)

Sent: Thursday, July 14, 2016 10:09 AM

To: (b) (6), (b) (7)(C)

Subject: RE: (b)(7)(E) TARS - Tree growth along the fence line (b)(7)(E)

Hi (b) (6), (b) (7)(C)

(b) (5)

Let me know if you need more or anything different.

Thanks,

(b) (6), (b) (7)(C)

Program Analyst, Leasing Branch
Strategic Analysis, Inc.
Border Patrol Facilities and Tactical Infrastructure
Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Business Cell: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)

Sent: Thursday, July 14, 2016 11:57 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: FW: El Paso TARS - Tree growth along the fence line at EAG.

(b) (6), (b) (7)(C) help on this.

(b) (5), (b)(6); (b)(7)(C)

(b) (5), (b)(6); (b)(7)(C)

Thank you

(b) (6), (b) (7)(C)

Leasing Branch Chief, Real Estate & Environmental Management
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
FAX: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)
Sent: Thursday, July 14, 2016 9:45 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6)
Subject: FW: Tree growth along the fence line (b)(7)(E)

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C) asked me about RE support for this situation at the (b)(7)(E) TARS site regarding our perimeter fence.

(b) (5)

Thanks

(b) (6), (b) (7)(C)
Project Manager - Construction

Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
24000 Avila Road Suite 5020
Laguna Niguel, CA 92677

Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
email: (b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy

From: (b) (6)
Sent: Wednesday, July 13, 2016 1:21 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6)
Subject: Tree growth along the fence line (b)(7)(E)

(b) (6), (b) (7)(C)

Per our discussion please forward the below info to (b) (6), (b) (7)(C)

Please see the attached file that shows the photos to support the fact there is tremendous tree growth along the fence line (b)(7)(E) TARS site.

The owner of the property along the fence has not allowed Harris personnel to access the

area to trim and/or remove the trees that are growing into the fence.

(b)(7)(E)

Please contact the owner to allow our onsite maintenance crew to access the property. If going through a gate is an issue maybe the owner will allow Harris to use ladders to cross over the fence.

(b) (6), (b) (7)(C)

AZ PE

CE Manager

Tethered Aerostat Radar System

7780 Trade Center Ave

El Paso, TX 79912

Cell **(b) (6), (b) (7)(C)**

Phone **(b) (6), (b) (7)(C)**

(b) (6), (b) (7)(C)

[]

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Coordination Meeting..
Date: Monday, November 21, 2016 11:23:10 AM

Something else. (b) (5)

(b) (6), (b) (7)(C) (b) (5)

(b) (6), (b) (7)(C), CBM, PMP
Director-Real Estate, Environmental and Leasing Services (REEL)
Border Patrol Air & Marine Program Management Office (BPAM PMO)
DHS-CBP-ES-FM&E
(b) (6), (b) (7)(C) (cell)



From: (b) (6), (b) (7)(C)
Sent: Monday, November 21, 2016 11:21 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Coordination Meeting..

(b) (5)

(b) (6), (b) (7)(C)
Senior Attorney (Trade & Finance)
Office of Chief Counsel
U.S. Customs and Border Protection
1300 Pennsylvania Avenue, NW Room 4.4B
Washington, DC 20229
Tel: (b) (6), (b) (7)(C)
Fax: (b) (6), (b) (7)(C)
Email: (b) (6), (b) (7)(C)

~~ATTORNEY-CLIENT PRIVILEGED/ATTORNEY WORK PRODUCT~~

~~This communication might contain communications between attorney and client, communications that are part of the agency deliberative process, or attorney work product, all of which are privileged and not subject to disclosure outside the agency or to the public. Please consult with the Office of Chief Counsel, U.S. Customs and Border Protection before disclosing any information contained in this email.~~

From: (b) (6), (b) (7)(C)

Sent: Monday, November 21, 2016 11:19 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: Coordination Meeting..

(b) (6), (b) (7)(C)

I spoke with (b) (6), (b) (7)(C) after this morning's call. He has identified (b) (7)(E) and (b) (7)(E) in RGV as their current priority areas. (b) (6), (b) (7)(C) is out today and is the TI Coordinator for RGV. (b) (6), (b) (7)(C) is going to reach out to (b) (6), (b) (7)(C) to see if he can provide him the roads that were identified as priority within these areas. He has asked that we hold off meeting until tomorrow until he has more information for us to discuss.

- (b) (7)(E) most of the roads are privately owned and (b) (6), (b) (7)(C) is working on the RE clearances. Some of the roads have been in FITT for a while and we have been working to clear these green/green as RE is able to get the landowner agreements completed. Some new requirements (new roads) within this area were recently added to FITT and we are adding them to our list of ones to clear.
- (b) (7)(E) -some of the roads are within USFWS National Wildlife Refuge. We continue to have a great relationship with USFWS NWR and have been able to complete ENV clearances quickly. Some of these roads have been identified by USFWS as ones they are including in their contract to repair within the Refuge. (b) (6), (b) (7)(C) is going to follow up with USFWS to determine the timing of these repairs. Other roads are located in areas where the landowners are not cooperative with BP and they have actually welded the gates shut from certain entrances, eliminating BP's ability to maintain these roads.

I will set up a meeting for tomorrow afternoon and will send any maps (b) (6), (b) (7)(C) sends to me for our discussions.

(b) (5)

(b) (5), (b) (7)(E)

Please let me know if you have any questions.

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), PMP, CEP
Sr. Environmental Specialist
LMI Government Consulting
Border Patrol & Air and Marine Program Management Office (BPAM PMO)
Facilities Management and Engineering
1331 Pennsylvania Avenue, NW
Suite 1555, Mailstop 1102
Washington, DC 20229
Mobile: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)

Sent: Monday, November 21, 2016 10:33 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: Coordination Meeting..

(b) (6), (b) (7)(C)

In your coordination, please include (b) (6), (b) (7)(C).

This will allow for a global view of the RE and ENV issues that we will be discussion with RGV.

You may wish to send the Spreadsheet so that everyone see and understands what we are looking at.

Thank you,

(b) (6), (b) (7)(C), CBM, PMP
Director-Real Estate, Environmental and Leasing Services (REEL)
Border Patrol Air & Marine Program Management Office (BPAM PMO)
DHS-CBP-ES-FM&E
(b) (6), (b) (7)(C) (cell)



From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C) (b) (6), (b) (7)(C) (b) (6)
Subject: Weekly Report - 11 Oct 2012 (b) (6)
Date: Thursday, October 11, 2012 5:20:14 PM

(b) (6), (b) (7)

Changes from the last update are in red.

Hot Issues

- Renewal Contracts
 - Twelve contracts awarded. No more contracts are to be awarded (YUM Veg/Debris is on hold).
 - ECSO will extend the following upcoming options:
 - Yuma Fence – last option will start 25 Oct
 - Tucson Fence – last option will start 25 Oct
 - Yuma Roads – last option will start 23 Oct
 - Tucson Roads – last option will start 1 Nov
 - El Paso Roads – last option will start 2 Nov
 - Tucson Veg/Debris – 1st option will start 22 Nov
 - Yuma Lighting – 1st option will start 4 Nov
 - El Paso Lighting – 1st option will start 5 Nov
 - Each contract has 2 options, which each last 90 days
 - ECSO exercised the last option for El Paso Fence on 4 Oct.
 - It will expire in 90 days, or around 2 Jan.
 - No other contract plans exist at this time except for CTIMR, which is subject to protest.
 - No MATOC capability exists for future Task Order needs, after MATOCs expire
 - Need to discuss way forward with (b) (6), (b) (7) (b) (6), (b) (7) prefers not going thru CBP contracting for any gap filler actions.
- (b)(7)(E) Bridge – Security Requirements

(b) (5)

- Span across Rio Grande is scheduled to be installed by Mexico on 7 September.
 - Meeting held with County on Friday to review their proposal for temp fencing on the bridge.
 - CC reports new “earmark” funding they will be pursuing in a trip to Austin this week.
 - Working to reconfirm coordination on use of swing gates.
 - Span across river has been installed, with fencing to deter pedestrian traffic.
- (b)(7)(E) Boat Ramp
 - Visited site with (b) (6), (b) (7)(C) on 30 Aug to discuss scope and take rough measurements for sketches.
 - Finalized design sketches and sent to RE & Env for review 7 Sep.
 - (b) (6), (b) (7)(C) sent them to IBWC for review.

(b) (5)

- (b)(7)(E) Boat Ramp
 - Revised PRD is in technical review as of 9 Oct. PRD addresses phase 1 need for surveys of river bottom, and for gradient boundary line.
 - Phase 2 PRD will be developed once scope is confirmed with Sector following receipt of survey results.

Major Efforts

- Contingency Contract Plans for WA#1
 - Working with (b) (6), (b) (7)(C) on backup plans for WA#1 and other areas.
- RGV Gates
 - NTP for design expected was issued Thursday, 4 Oct, with new period of performance thru 25 May 2013.
 - First set of designs (14) expected ~12 Oct, with plan-in-hand site visit 25 Oct and review conference on 26 Oct.
 - Second set of designs (15) may be ready to submit ~7 Nov.
 - Contractor mobilized 29 Sep to make final changes to gates, and clear up all punch list items. Expects to begin final tests week of 15 Oct, with government acceptance by 31 Oct.
 - Gate Closure Communications
 - Alternate access routes being worked by USACE RE and (b) (6), (b) (7)(C)
 - Sample letter being developed/coordinated by (b) (6), (b) (7)(C)
 - Strategy discussed with Weston at Progress Mtg on 4 Oct. Follow-up call will be held.
 - (b) (6) is working with (b) (6), (b) (7)(C) and (b) (6), (b) (7)(C) to facilitate final mailings. Sector or Station will sign letters.
 - Landowner training
 - Editable slides received from USACE/Weston. (b) (6) will edit for landowner and emergency responder training.
 - DHS coordination will not be required.
 - Sector will assure agents are trained to train landowners. Sector has received contract-required training.

Good News

- .

Concerns

- RGV (b)(7)(E) Highway – Fence Relocation
 - Confirmed funding available from TxDOT & CCRMA bonds; final estimate not developed yet
 - Coordination w/IBWC will start once TxDOT approves draft EA
 - CC engineer sent latest schedule & draft EA 8 Mar
 - Forwarded EA to (b) (6), (b) (7)(C) 2 Apr.
 - Received maps from CC engineer 25 Jun.
 - TXDOT (thru IBWC) provided schedule info, noting a contract letting date of Dec 2013.
- IBWC Riverside MOA & design
 - Response to BPFTI comments received
 - Some items will need to be funded by BPFTI
 - Draft MOA submitted to IBWC 15 June for review.
 - Comments received 10 Sep. Sent for review 11 Sep.
 - Review conference held; revised version sent for review.

Received Primus recommendations for road M&R categories for future classification of M&R. Will review and coordinate response with TI M&R Branch.

- Worked with (b) (6), (b) (7)(C) to clarify standards for cross slopes and aggregate thickness calculations

Deliverables

- RGV Gates IPT minutes for 10 October meeting
- Sent signed (b)(7)(E) POE IAA Ratification package to Contracting 9 Oct.

(b) (6), (b) (7)

(b) (6), (b) (7)(C), PE, PMP

Program Manager

LMI

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

*"Excel as a trusted strategic partner enhancing
Border Patrol's proud legacy"*

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C); (b) (6)
Subject: Weekly Report - 18 Oct 2012 (b) (6)
Date: Wednesday, October 17, 2012 11:57:00 AM

(b) (6), (b) (7)

Changes from the last update are in red.

Hot Issues

- Renewal Contracts
 - Twelve contracts awarded. No more contracts are to be awarded (YUM Veg/Debris is on hold).
 - ECSO can extend the following upcoming options:
 - Yuma Fence – last option will start 25 Oct
 - Tucson Fence – last option will start 25 Oct
 - Yuma Roads – last option will start 23 Oct
 - Tucson Roads – last option will start 1 Nov
 - El Paso Roads – last option will start 2 Nov
 - Tucson Veg/Debris – 1st option will start 22 Nov
 - Yuma Lighting – 1st option will start 4 Nov
 - El Paso Lighting – 1st option will start 5 Nov
 - Each contract has 2 options, which each last 90 days
 - ECSO exercised the last option for El Paso Fence on 4 Oct.
 - It will expire in 90 days, or around 2 Jan.
 - No other contract plans exist at this time except for CTIMR, which is subject to protest.
 - No MATOC capability exists for future Task Order needs, after MATOCs expire
 - Need to discuss way forward with (b) (6), (b) (7) (b) (6), (b) (7) prefers not going thru CBP contracting for any gap filler actions.
 - Prepared spreadsheet for (b) (6), (b) (7) with my risk assessments 14 Oct.
- (b)(7)(E) Bridge – Security Requirements

(b) (5)

- Span across Rio Grande has been installed, with fencing to deter pedestrian traffic.
- Completion of (b)(7)(E) project is on hold, per County's construction manager.
 - Real estate acquisition is now complete.
 - CC is waiting on a proposal from contractor to complete the project.
 - (b) (5)
- (b)(7)(E) Boat Ramp
 - Visited site with Roberto on 30 Aug to discuss scope and take rough measurements for sketches.
 - Finalized design sketches and sent to RE & Env for review 7 Sep.
 - (b) (6), (b) (7)(C) sent them to IBWC for review.
 - (b) (5)
- (b)(7)(E) Boat Ramp

- Revised PRD is in technical review as of 9 Oct. PRD addresses phase 1 need for surveys of river bottom, and for gradient boundary line.
- Phase 2 PRD will be developed once scope is confirmed with Sector following receipt of survey results.

Major Efforts

- Contingency Contract Plans for WA#1
 - Working with (b) (6), (b) (7)(C) on backup plans for WA#1 and other areas.
- RGV Gates
 - NTP for design expected was issued Thursday, 4 Oct, with new period of performance thru 25 May 2013.
 - First set of designs (b) (7)(E) expected ~12 Oct, with plan-in-hand site visit 25 Oct and review conference on 26 Oct.
 - Second set of designs (b) (7)(E) may be ready to submit ~7 Nov.
 - Contractor mobilized 29 Sep to make final changes to gates, and clear up all punch list items. Expects to begin final tests week of 15 Oct, with government acceptance by 31 Oct.
 - Gate Closure Communications
 - Alternate access routes being worked by USACE RE and (b) (6), (b) (7)(C)
 - Sample letter being developed/coordinated by (b) (6), (b) (7)(C)
 - Strategy discussed with Weston at Progress Mtg on 4 Oct. Follow-up call will be held.
 - (b) (6) is working with (b) (6), (b) (7) and (b) (6), (b) (7) to facilitate final mailings. Sector or Station will sign letters.
 - Landowner training
 - Editable slides received from USACE/Weston. (b) (6) will edit for landowner and emergency responder training.
 - DHS coordination will not be required.
 - Sector will assure agents are trained to train landowners. Sector has received contract-required training.

Good News

- RGV Gates
 - NTP issued for design
 - First package of designs received 12 Oct for (b) (7)(E) gates in (b) (7)(E)
 - Plan-in-hand site inspection scheduled for 25 Oct, and review conference on 26 Oct.

(b) (5), (b) (7)(E), (b)(6);(b)(7)(C)

- Planning for training landowners
 - Sector advises that they can respond quickly to train agents, landowners and others.
 - BPFTI is working on training aids – editing slides, reviewing Weston videos, and consulting with (b) (6), (b) (7)(C).

- (b) (6), (b) (7)(C) is scheduling a call with (b) (6), (b) (7)(C) and (b) (6), (b) (7)(C) to further refine plans.

Concerns

- RGV (b)(7)(E) Highway – Fence Relocation
 - Confirmed funding available from TxDOT & CCRMA bonds; final estimate not developed yet
 - Coordination w/IBWC will start once TxDOT approves draft EA
 - CC engineer sent latest schedule & draft EA 8 Mar
 - Forwarded EA to (b) (6), (b) (7)(C) 2 Apr.
 - Received maps from CC engineer 25 Jun.
 - TXDOT (thru IBWC) provided schedule info, noting a contract letting date of Dec 2013.
 - IBWC Riverside MOA & design
 - Response to BPFTI comments received
 - Some items will need to be funded by BPFTI
 - Draft MOA submitted to IBWC 15 June for review.
 - Comments received 10 Sep. Sent for review 11 Sep.
 - Review conference held; revised version sent for review.
 - Additional comments received from OCC.
 - Comments addressed and sent to team for concurrence 14 Oct.
 - Conf call scheduled for 18 Oct to finalize MOA for re-transmittal to IBWC
 - (b) (6), (b) (7)(C) resolved dispute over responsibility for moving CBP's fence – IBWC accepted responsibility.
 - Working IAA for guard rail and security grating over valve vault
 - USACE will initiate design – tasked to them 14 Sep.
 - Requested update 16 Oct.
 - Will contract separately from IBWC, so no IAA will be required.
 - Grate Raising Winches (b)(7)(E) RGV
 - Legal advised that O&M was correct funds source. Drafted PRD
 - RE input received; requested RE and ECSO cost/schedule info 18 Oct
 - ECSO continues to have trouble getting in-house engineering support.
 - ECSO PM provided estimate on 20 Jun. Will request updated estimate e to cover Griffin canal grate as well.
 - Will discuss with (b) (6), (b) (7)(C) turning over PM duties for this PRD, per (b)(6),(b)(7)(C).
 - (b)(7)(E) Grates – vegetation accumulations are resulting in high maintenance and need to raise grates and hold them open.
 - Current Hidalgo County design does not allow for holding grates open, and makes lifting grates difficult and possibly a safety concern for inexperienced workers.
 - Received test data from (b) (6), (b) (7)(C) & (b) (6), (b) (7)(C) on pins for pinning proposal 15 Oct.
 - Currently evaluating data.
- (b) (5)
- I'll discuss with (b) (6), (b) (7)(C) whether she wants to initiate a study.
- CTIMR Support – Area 4
 - RGV – providing technical support for (b) (6), (b) (7)(C) on unsuitable caliche for levee maintenance, on (b)(7)(E) maintenance scope, and on lifting system for (b)(7)(E) grates.
 - Working to establish standard specification for caliche.
 - Collecting sample caliche specs & discussing issues with local supplier's engineer.
 - RGV Access Road M&R
 - Visited Sector and site with Primus & (b) (6), (b) (7)(C) & (b) (6), (b) (7)(C).

- Prepared recommendations for M&R for CWP#2 access roads.
 - Discussions held 12 Oct with (b) (6), (b) (7)(C) to finalize task descriptions for access roads
- Received Primus recommendations for road M&R categories for future classification of M&R.

(b) (5)

- Worked with (b) (6), (b) (7)(C) to clarify standards for cross slopes and aggregate thickness calculations

Deliverables

- RGV Gates IPT minutes for 17 October meeting
- Provided 35% review comments on (b)(7)(E) Boat Ramp on 16 Oct (due 17 Oct)

(b) (6), (b) (7)

(b) (6), (b) (7)(C), PE, PMP

Program Manager

LMI

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Weekly Report - 28 Feb (b) (6)
Date: Thursday, February 28, 2013 4:29:33 PM

(b) (6), (b) (7)

Changes from the last update are in red.

Hot Issues

- RGV Gates
 - Updated schedule received 20 Jan from Weston/USACE
 - Pier drilling and pier caps complete on all gates in (b) (7)(E) Steel fabrication continues to delay progress for Weston.
 - Access cure during gate closures – Weston proposed (b) (5), (b)(6); (b)(7)(C)
No other alternate access issues.
 - Gate Closure Communications
 - BOD has message on HOTLINE advising of new schedule, and is providing updates.
 - Working on notification letters to landowners from (b) (7)(E)
 1. Completed (b) (7)(E) Working on (b) (7)(E)
 - Landowner training
 - Sector training held for the Station trainers on 11/12 Dec.
 - New OCC comments received 28 Feb. Working revisions.
 - Design Package #3
 - Plan in hand site visit held 7/8 Feb.
 - Revised plans sent by Weston on 20 Feb for review. Comments provided and being worked.
 - Warranty Management Plan & O&M Manual Section 2
 - Review comments provided 8 Feb. Revised plan received 28 Feb for our review.
 - IBWC coordination
 - Facilitated meeting with IBWC to discuss their approval of Design Packages #1 and #2. (b) (6), (b) (7)(C) arranged the meeting.
 - Provided real estate information they requested for (b) (7)(E) on 1 Feb.
 - IBWC participated in DP#3 site visit; were sent revised drawings for review 20 Feb.
 - Waiting on IBWC update on Upper Brownsville Levee Rehab award.
 - (b) (6), (b) (7)(C) sent note on 20 Feb asking for an update.
 - IBWC response 22 Feb – delay in NTP; no start date estimated.

Major Efforts

- Renewal Contracts – Round IV
 - Twelve contracts awarded. No more contracts are to be awarded (YUM Veg/Debris is on hold).
 - El Paso Fence – last option will expire 8 Jan
 - Yuma Fence – last option will expire 24 Jan

- Tucson Fence – last option will expire 24 Jan
 - Yuma Roads – last option will expire 22 Jan
 - Tucson Roads – last option will expire 30 Jan
 - El Paso Roads – last option will expire 30 Jan
 - Tucson Veg/Debris – last option will expire 21 May; **extension available.**
 - Yuma Lighting – last option will expire 3 May; **extension available**
 - El Paso Lighting – last option will expire 4 May; **extension available**
 - BBT Roads – last option will expire 26 Mar.
 - EPT Veg/Deb – first option has been exercised, good thru 11 Apr
 - ECSO provided ROM estimate for WA #1, #2, #3, for new TI M&R contracts.
 - Also provided estimate for extensions, if approved by their CO.
 - Decision issued 9 Nov – no extensions allowed.
 - Standing down on using ECSO for gap filler for WA#1.
 - \$120K transferred to ECSO 29 Nov to cover PM to get contracts awarded.
 - EPT and TCA Fence were identified as top priority needs, with TCA and EPT Roads next, and BBT Roads/Veg/Debris next.
 - Also working with (b) (6), (b) (7)(C) on TCA Gate Opening contract extension and TCA Lighting reprocurement.
 - Gate opening contract will be extended effective 17 Feb, for 3 months thru mid-May 2013.
 - (b) (6), (b) (7)(C) will work new lighting contract thru Sector procurement.
 - YUM M&R coverage
 - Fence will be done in-house until CTIMR
 - Roads will be done in-house and with small contract thru CBP Procurement
 - Gap filler roads/veg/debris contract being developed by (b) (6), (b) (7) – under \$ (b) (5)
 - 45 day gap filler packages sent to (b) (6), (b) (7)(C) for review for TCA and EPT Fencing.
 - EPT Fencing contract awarded to Cerrudo 19 Dec for \$142,518.98, from 9 Jan – 23 Feb 2013.
 - Extension being worked by (b) (6), (b) (7)(C) (b) (6), (b) (7)(C) prepared funds request for additional \$ (b) (5) to cover extension thru 31 March.
 - TCA Fencing PO issued to Capers in the amount of \$ (b) (5) on 3 Jan 2013.
 - Request for TCA extension sent 11 Feb. (b) (5)
 - (b) (6), (b) (7)(C)
 - (b) (6), (b) (7)(C)
- Working on budget and estimated quantities for EPT & TCA Fence and Roads contracts with (b) (6), (b) (7)(C) ECSO.
 - Baseline schedule showed NTP of 11 Mar 2013 for all four contracts.
 - Schedule update on 20 Feb (unofficial) shows NTP's as follows;
 - TCA Fence – 19 April
 - TCA Roads – 27 March
 - EPT Fence – 19 April
 - EPT Roads – 19 April
 - BBT Roads – 24 April
 - Delays were attributable to changes in some RFP packages and contracting reviews comment resolution.
 - Funds provided 8 Jan for \$2,118K for 4 contracts.
 - ECSO reviewing need for PgM and Const O/S funding and will provide adjusted

estimates.

- ECSO agreed to provide Const O/S support for CBP gap filler fencing contracts, and requested \$ (b) (5) on 2 Jan. Funds approved by (b) (6), (b) (7)(C) and provided to ECSO.
- Tactical Infrastructure Condition Index Working Group
 - Sent OBP email – full time working group support not needed. Will call (b) (6), (b) (7)(C) for feedback.
 - **First meeting scheduled for 1 March.**

Good News

Concerns

- (b)(7)(E) Bridge – Security Requirements
 - (b) (5)
 - (b) (6), (b) (7)(C) from OFO HQ called on 22 Jan to get update on (b)(7)(E) He's involved with UP settlement funding. (b) (5)
 - Reached out to CC counsel on easement outgrant 28 Jan due to slow progress. Waiting response, (b) (5)
 - Provided support to BOD for meeting with Congressional staffs held on 15 Feb.
 - Advised by BOD that CC is still applying to the state for funding.
 - Span across Rio Grande has been installed, with fencing to deter pedestrian traffic.
 - Completion of (b)(7)(E) project is on hold, per County's construction manager.
 - Real estate acquisition is now complete.
 - (b) (5)
 -
 -
 -
 - Sent CCRMA email offering swing gate option 7 Dec.
- RGV (b)(7)(E) Highway – Fence Relocation
 - Confirmed funding available from TxDOT & CCRMA bonds; final estimate not developed yet
 - Coordination w/IBWC will start once TxDOT approves draft EA
 - CC engineer sent latest schedule & draft EA 8 Mar
 - Forwarded EA to (b) (6), (b) (7)(C) 2 Apr.
 - Received maps from CC engineer 25 Jun.
 - Latest schedule received from TXDOT 28 Jan 2013. No change in contract letting date of Dec 2013. CCRMA is still working EA & BA.
- IBWC Riverside MOA & design
 - Response to BPFTI comments received

- Some items will need to be funded by BPFTI
 - Draft MOA submitted to IBWC 15 June for review.
 - Received IBWC comments and sent CBP comments to them on 22 Oct.
 - Working IAA for guard rail and security grating over valve vault
 - USACE will initiate design – tasked to them 14 Sep.
 - Requested update 16 Oct.
 - Will contract separately from IBWC, so no IAA will be required.
 - IBWC advised on 28 Feb that project does not have funding and will be shelved until funding is available. Guard rail and security grating should be considered for continued action.
- Grate Raising Winches (b)(7)(E) RGV
 - Legal advised that O&M was correct funds source. Drafted PRD
 - RE input received; requested RE and ECSO cost/schedule info 18 Oct
 - ECSO continues to have trouble getting in-house engineering support.
 - ECSO PM provided estimate on 20 Jun. Will request updated estimate e to cover Griffin canal grate as well.
 - Discussed with (b)(6), (b)(7)(C) turning over PM duties for this PRD, 12 Dec. I will be engineering support
- (b)(7)(E) Grates – vegetation accumulations are resulting in high maintenance and need to raise grates and hold them open.
 - Current Hidalgo County design does not allow for holding grates open, and makes lifting grates difficult and possibly a safety concern for inexperienced workers.
 - Received test data from (b)(6), (b)(7)(C) & (b)(6), (b)(7)(C) on pins for pinning proposal 15 Oct.
 - Currently evaluating data.
 - Long term solution may be a grate raising system or improving existing design.
 - I'll discuss with (b)(6), (b)(7)(C) whether she wants to initiate a study.
- CTIMR Support – Area 4
 - RGV - providing technical support for (b)(6), (b)(7)(C) on unsuitable caliche for levee maintenance, on (b)(7)(E) maintenance scope, and on lifting system for (b)(7)(E) grates.
 - Working to establish standard specification for caliche.
 - Collecting sample caliche specs & discussing issues with local supplier's engineer.
 - Need to finalize standard for (b)(7)(E); need to reconfirm Sector requirement for width (b)(6), (b)(7)(C) and get (b)(6), (b)(7)(C) final review.
 - RGV Access Road M&R
 - Visited Sector and site with Primus & (b)(6), (b)(7)(C) & (b)(6), (b)(7)(C).
 - Prepared recommendations for M&R for CWP#2 access roads.
 - Discussions held 12 Oct with (b)(6), (b)(7)(C) to finalize task descriptions for access roads
 - Received Primus recommendations for road M&R categories for future classification of M&R.
 - (b)(5), (b)(7)(E)
 - (b)(5), (b)(7)(E)
 - Worked with (b)(6), (b)(7)(C) to clarify standards for cross slopes and aggregate thickness calculations

Deliverables

RGV Gates IPT minutes & agenda

(b) (6), (b) (7)

(b) (6), (b) (7)(C), PE, PMP

Program Manager

LMI

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

"Excel as a trusted strategic partner enhancing

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: (b)(7)(E) TARS - Tree growth along the fence line (b)(7)(E)
Date: Friday, July 15, 2016 10:26:25 AM

That is correct.

From: (b) (6), (b) (7)(C)
Sent: Friday, July 15, 2016 10:25 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: FW: (b)(7)(E) TARS - Tree growth along the fence line (b)(7)(E)

(b) (5), (b)(6); (b)(7)(C)

(b) (6) – also if you can convey the message to (b) (6), (b) (7)(C) – we heard from Dimmit County’s Attorney, a (b) (6), (b) (7)(C), regarding (b)(7)(E) BPS. They’ve asked for a meeting. We responded that it would need to wait until the week of July 25th when (b)(6), (b)(7)(C) returns to the office. If you have a better date and time; let me know. (b) (6), (b)(7)(C) and I should be available most times; not sure about (b) (6), (b)(7)(C) We should also have a pre-meeting. I’ll be out nearly all of August.

Thanks for staying in touch while on TDY.

(b) (6), (b) (7)(C)
Leasing Branch Chief, Real Estate & Environmental Management
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
FAX: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)
Sent: Thursday, July 14, 2016 10:05 PM
To: (b) (6), (b) (7)(C)
[Redacted]
[Redacted]
Cc: (b) (6), (b) (7)(C)
[Redacted]
[Redacted]
Subject: RE: (b)(7)(E) TARS - Tree growth along the fence line (b)(7)(E)

(b) (6), (b) (7)(C) – Attached is (b) (6), (b) (7)(C) real estate acquisition delegation from the Executive Director. (b) (5)
[Redacted]
(b) (6), (b) (7)(C).

From: (b) (6), (b) (7)(C)
Sent: Thursday, July 14, 2016 4:51 PM
To: (b) (6), (b) (7)(C)
[Redacted]
Cc: (b) (6), (b) (7)(C)
[Redacted]
[Redacted]
Subject: RE: (b)(7)(E) TARS - Tree growth along the fence line (b)(7)(E)

(b) (6), (b) (7)(C)

(b) (5)

(b) (6), (b) (7)(C), PMP (CTR)
Real Estate Specialist
LMI Government Consulting

Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Cell: (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Thursday, July 14, 2016 7:28:35 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Fw: (b)(7)(E) TARS - Tree growth along the fence line (b)(7)(E)

(b) (5), (b)(6); (b)(7)(C)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Thursday, July 14, 2016 03:22 PM
To: (b) (6), (b) (7)(C); (b) (6)
(b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE (b)(7)(E) TARS - Tree growth along the fence line (b)(7)(E)

(b) (5), (b)(6); (b)(7)(C)

(b) (6), (b) (7)(C)
Program Manager
LMR Leasing Program
Border Patrol Facilities and Tactical Infrastructure
Facilities Management and Engineering
US Customs and Border Protection
150 Westpark Way
Euless, TX 76040

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Thursday, July 14, 2016 4:16 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE (b)(7)(E) TARS - Tree growth along the fence line (b)(7)(E)

Hello all,

After reading the leasing, my interpretation of the tree maintenance around the fence is as follows...

(b) (5), (b) (6)

If I misinterpreted this, please feel free to correct me.

Thank you,

(b) (6), (b) (7)(C)

Program Analyst, Leasing Branch

Strategic Analysis, Inc.

Border Patrol Facilities and Tactical Infrastructure

Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Business Cell: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)

Sent: Thursday, July 14, 2016 2:03 PM

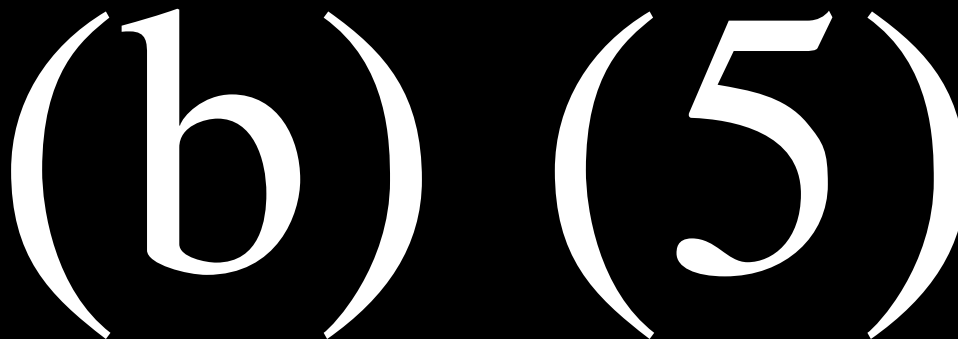
To: (b) (6); (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: FW: (b)(7)(E)TARS - Tree growth along the fence line (b)(7)(E)

Thanks (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C) I'm adding you to serve as CO – TARS Leases are part of the RVSS Inventory (b) (6), (b) (7)(C) works, so need you as CO and (b) (6), (b) (7)(C) is out this week. Feel free to jump in, especially with your Tower maintenance background. Below are my initial thoughts.



(b) (5)

Call me with any questions – I also tapped (b) (6), (b) (7)(C) who has the best background from his work on the original transfer to CBP.

(b) (6), (b) (7)(C)

Leasing Branch Chief, Real Estate & Environmental Management
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

FAX: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)

Sent: Thursday, July 14, 2016 10:09 AM

To: (b) (6), (b) (7)(C)

Subject: RE: (b)(7)(E) TARS - Tree growth along the fence line (b)(7)(E)

Hi (b) (6), (b) (7)(C)

(b) (5)

Let me know if you need more or anything different.

Thanks,

(b) (6), (b) (7)(C)

Program Analyst, Leasing Branch
Strategic Analysis, Inc.
Border Patrol Facilities and Tactical Infrastructure
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Business Cell: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)
Sent: Thursday, July 14, 2016 11:57 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: FW: (b)(7)(E) TARS - Tree growth along the fence line (b)(7)(E)

(b) (6), (b) (7)(C) help on this. (b) (5), (b)(6); (b)(7)(C)

(b) (5), (b)(6); (b)(7)(C)

Thank you

(b) (6), (b) (7)(C)

Leasing Branch Chief, Real Estate & Environmental Management
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

FAX: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)

Sent: Thursday, July 14, 2016 9:45 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6)

Subject: FW: Tree growth along the fence line (b)(7)(E)

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C) asked me about RE support for this situation at the Eagle Pass TARS site regarding our perimeter fence.

(b) (5)

Thanks

(b) (6), (b) (7)(C)

Project Manager - Construction

Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
24000 Avila Road Suite 5020
Laguna Niguel, CA 92677

Office: (b) (6), (b) (7)(C)

Cell: (b) (6), (b) (7)(C)

email: (b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy

From: (b) (6)

Sent: Wednesday, July 13, 2016 1:21 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6)

Subject: Tree growth along the fence line (b)(7)(E)

(b) (6), (b) (7)(C)

Per our discussion please forward the below info to (b) (6), (b) (7)

Please see the attached file that shows the photos to support the fact there is tremendous tree growth along the fence line at the Eagle Pass TARS site.

The owner of the property along the fence has not allowed Harris personnel to access the area to trim and/or remove the trees that are growing into the fence.

(b)(7)(E)

Please contact the owner to allow our onsite maintenance crew to access the property. If going through a gate is an issue maybe the owner will allow Harris to use ladders to cross over the fence.

(b) (6)

AZ PE

CE Manager

Tethered Aerostat Radar System

7780 Trade Center Ave

El Paso, TX 79912

Cell (b) (6)

Phone (b) (6)

(b) (6)

[]

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Subject: RE: schedule - signature authority & (b)(7)(E)
Date: Monday, July 25, 2016 10:55:10 AM

Thursday.

From: (b) (6), (b) (7)(C)
Sent: Monday, July 25, 2016 10:51:33 AM
To: (b) (6), (b) (7)(C)
Subject: RE: schedule - signature authority & (b)(7)(E)

DO you want to step out of training for this or Thursday's meeting?

From: (b) (6), (b) (7)(C)
Sent: Monday, July 25, 2016 10:46 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: schedule - signature authority & (b)(7)(E)

I can do an internal call any time after 10 am and that should give (b) (6), (b) (7)(C) time to get in too..I am also available Thursday.

(b) (6), (b) (7)(C)
Program Manager, Real Estate & Environmental Management
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Monday, July 25, 2016 10:22 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: schedule - signature authority & (b)(7)(E)

(b) (5)

Thanks,

(b) (6), (b) (7)(C)

~~This communication might contain communications between attorney and client, communications that are a part of the agency deliberative process, or attorney work product, all of which are privileged and not subject to disclosure outside the agency or to the public. Please consult with the Office of Assistant Chief Counsel, Indianapolis, U.S. Customs and Border Protection before disclosing any information contained in this email.~~

From: (b) (6), (b) (7)(C)

Sent: Friday, July 15, 2016 12:20 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: schedule - signature authority & (b)(7)(E)

(b) (6), (b) (7)(C); consider for regular RE&ENV Div. meeting topic.

Also, need (b)(7)(E) ease ((b) (6), (b) (7)(C) is Leasing Spec.) internal meeting w/ (b) (6), (b) (7)(C). Tentatively look at (b) (6), (b) (7)(C) best time Tuesday 7/26 – then optional Thursday 7/28 with (b) (6), (b) (7)(C) myself, (b) (6), (b) (7)(C), and Lessor's Attorney – (b) (5)

(b) (6), (b) (7)(C)

Leasing Branch Chief, Real Estate & Environmental Management
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
FAX: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)

Sent: Friday, July 15, 2016 7:39 AM

To: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
[Redacted]
[Redacted]
Subject: RE: (b)(7)(E) TARS - Tree growth along the fence line (b)(7)(E)

Let's set this up for internal discussion.

From: (b) (6), (b) (7)(C)
Sent: Friday, July 15, 2016 10:25:16 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: FW: (b)(7)(E) TARS - Tree growth along the fence line (b)(7)(E)

(b) (5), (b)(6); (b)(7)(C)

(b) (6) – also if you can convey the message to (b) (6), (b) (7)(C) – we heard from Dimmit County’s Attorney, a (b) (6), (b) (7)(C), regarding (b)(7)(E) BPS. They’ve asked for a meeting. We responded that it would need to wait until the week of July 25th when (b) (6), (b) (7) returns to the office. If you have a better date and time; let me know. (b) (6), (b) (7) and I should be available most times; not sure about (b) (6), (b) (7) We should also have a pre-meeting. I’ll be out nearly all of August.

Thanks for staying in touch while on TDY.

(b) (6), (b) (7)(C)
Leasing Branch Chief, Real Estate & Environmental Management
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
FAX: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)

Sent: Thursday, July 14, 2016 10:05 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: (b)(7)(E) TARS - Tree growth along the fence line (b)(7)(E)

(b) (6), (b) (7) – Attached is (b) (6), (b) (7)(C) real estate acquisition delegation from the Executive Director. (b) (5)

(b) (6), (b) (7)(C).

From: (b) (6), (b) (7)(C)

Sent: Thursday, July 14, 2016 4:51 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE (b)(7)(E) TARS - Tree growth along the fence line (b)(7)(E)

(b) (6), (b) (7)(C)

(b) (5)

(b) (6), (b) (7)(C), PMP (CTR)
Real Estate Specialist
LMI Government Consulting
Border Patrol Facilities and Tactical Infrastructure
Program Management Office

Facilities Management and Engineering

Cell: (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Thursday, July 14, 2016 7:28:35 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: Fw: (b)(7)(E) TARS - Tree growth along the fence line (b)(7)(E)

(b) (5), (b)(6); (b)(7)(C)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Thursday, July 14, 2016 03:22 PM

To: (b) (6), (b) (7)(C) (b) (6)

(b) (6), (b) (7)(C) (b) (6), (b) (7)(C)

Subject: RE (b)(7)(E) TARS - Tree growth along the fence line (b)(7)(E)

(b) (5), (b)(6); (b)(7)(C)

(b) (6), (b) (7)(C)

Program Manager

LMR Leasing Program

Border Patrol Facilities and Tactical Infrastructure

Facilities Management and Engineering

US Customs and Border Protection

150 Westpark Way

Eules, TX 76040

(c) (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Thursday, July 14, 2016 4:16 PM

To: (b) (6), (b) (7)(C) (b) (6)
(b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: (b)(7)(E) TARS - Tree growth along the fence line (b)(7)(E)

Hello all,

After reading the leasing, my interpretation of the tree maintenance around the fence is as follows...

(b) (5), (b) (6)

If I misinterpreted this, please feel free to correct me.

Thank you,

(b) (6), (b) (7)(C)

Program Analyst, Leasing Branch
Strategic Analysis, Inc.
Border Patrol Facilities and Tactical Infrastructure
Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Business Cell: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)

Sent: Thursday, July 14, 2016 2:03 PM

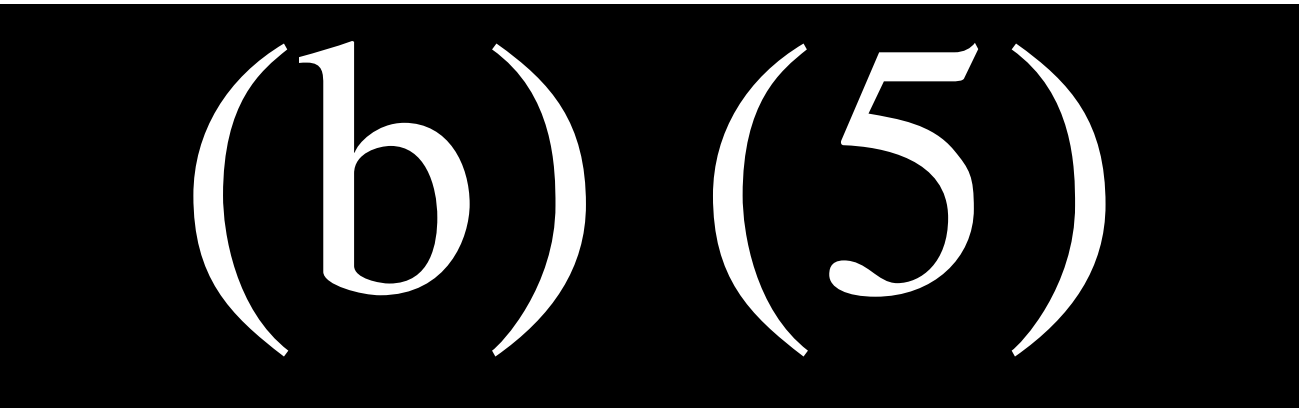
To: (b) (6) (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: FW: (b)(7)(E) TARS - Tree growth along the fence line (b)(7)(E)

Thanks (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C); I'm adding you to serve as CO – TARS Leases are part of the RVSS Inventory (b) (6), (b) (7)(C) works, so need you as CO and (b) (6), (b) (7)(C) is out this week. Feel free to jump in, especially with your Tower maintenance background. Below are my initial thoughts.



Call me with any questions – I also tapped (b) (6), (b) (7)(C) who has the best background from his work on the original transfer to CBP.

(b) (6), (b) (7)(C)

Leasing Branch Chief, Real Estate & Environmental Management
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

FAX: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C).

Sent: Thursday, July 14, 2016 10:09 AM

To: (b) (6), (b) (7)(C)

Subject: RE (b)(7)(E) TARS - Tree growth along the fence line (b)(7)(E)

Hi (b) (6), (b) (7)(C)

(b) (5)

Let me know if you need more or anything different.

Thanks,

(b) (6), (b) (7)(C)

Program Analyst, Leasing Branch
Strategic Analysis, Inc.
Border Patrol Facilities and Tactical Infrastructure
Facilities Management and Engineering

Office (b) (6), (b) (7)(C)

Business Cell: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)

Sent: Thursday, July 14, 2016 11:57 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: FW: (b)(7)(E)TARS - Tree growth along the fence line (b)(7)(E)

(b) (6), (b) (7)(C) help on this. (b) (5), (b)(6); (b)(7)(C)

(b) (5), (b)(6); (b)(7)(C)

Thank you

(b) (6), (b) (7)(C)

Leasing Branch Chief, Real Estate & Environmental Management
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
FAX: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)
Sent: Thursday, July 14, 2016 9:45 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6)
Subject: FW: Tree growth along the fence line (b)(7)(E)

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C) asked me about RE support for this situation at the Eagle Pass TARS site regarding our perimeter fence.

(b) (5)

Thanks

(b) (6), (b) (7)(C)
Project Manager - Construction

Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
24000 Avila Road Suite 5020
Laguna Niguel, CA 92677

Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
email: (b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy

From: (b) (6)
Sent: Wednesday, July 13, 2016 1:21 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6)
Subject: Tree growth along the fence line (b)(7)(E)

(b) (6), (b) (7)(C)

Per our discussion please forward the below info to (b) (6), (b) (7)(C)

Please see the attached file that shows the photos to support the fact there is tremendous tree growth along the fence line at the Eagle Pass TARS site.

The owner of the property along the fence has not allowed Harris personnel to access the

area to trim and/or remove the trees that are growing into the fence.

(b)(7)(E)

Please contact the owner to allow our onsite maintenance crew to access the property. If going through a gate is an issue maybe the owner will allow Harris to use ladders to cross over the fence.

(b) (6)

AZ PE

CE Manager

Tethered Aerostat Radar System

7780 Trade Center Ave

El Paso, TX 79912

Cell (b) (6)

Phone (b) (6)

(b) (6), (b) (7)(C), (b) (7)(E)

[]

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6); (b) (6), (b) (7)(C)
Subject: RE: IBWC Letter..
Date: Thursday, October 16, 2014 1:37:24 PM

(b) (5)

Not sure every paragraph actually needs to be responded too but I thought I give you my thoughts on each. (b) (5)

Let me know if you have any questions or would like to discuss.

Thanks

(b) (6), (b) (7)(C)

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Friday, October 10, 2014 12:56 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6); (b) (6), (b) (7)(C)
Subject: Re: IBWC Letter..

That would be great (b) (6), (b) (7)(C) Ill pull all of our approval letter, etc as well for dates and attachments.

(b) (6), (b) (7)(C), PMP

Program Manager for Projects and Milcon BPFTI PMO FM&E

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Sent via Blackberry

----- Original Message -----

From: (b) (6), (b) (7)(C)

Sent: Friday, October 10, 2014 12:08 PM Eastern Standard Time

To: (b) (6), (b) (7)(C)

Cc: (b) (6) | (b) (6), (b) (7)(C)

Subject: Re: IBWC Letter..

(b) (6), (b) (7)(C) -I'd be happy to provide you input similar to the letter from (b) (6), (b) (7)(C) Thanks

Sent from my bb-please excuse poor grammar, misspelled or missing words, etc.

----- Original Message -----

From: (b) (6), (b) (7)(C)

Sent: Friday, October 10, 2014 11:38 AM Eastern Standard Time

To: (b) (6), (b) (7)(C)

Cc: (b) (6) | (b) (6), (b) (7)(C)

Subject: IBWC Letter..

(b) (6), (b) (7)(C)

At he DD meeting, (b) (6), (b) (7)(C) and (b) (6), (b) (7)(C) asked that we point by point rebuttal the letter and have it ready for review next week. It will be briefed to Calvo before is goes to the AC and C1.

Can you work with (b) (6), (b) (7)(C) and (b) (6) to get this completed by Wednesday of next week?

Thanks.

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Weekly Report - 10 April (b) (6), (b) (7)(C)
Date: Wednesday, April 10, 2013 1:46:13 PM

(b) (6), (b) (7)

Changes from the last update are in red.

Hot Issues

- CTIMR contract post award conference held 3 & 4 April in El Paso.
- RGV Gates
 - Work is progressing from (b) (7)(E) All gate foundation/slab work complete in Cameron County (b) (7)(E) except (b) (7)(E) which will be complete 22 April. Steel fabrication continues to delay progress for Weston.
 - Work has begun in Hidalgo County at (b) (7)(E)
 - Gate testing in (b) (7)(E) – Weston will submit a draft schedule to USACE by Friday.
 - RE issues are resolved for both construction access and for alternate access during gate slab construction.
 - The only outstanding RE clearances are for utility access rights. (b) (5)
■ Due to anticipated late utility access rights, (b) (5)
■ If remobilization is required after completion of all other work, in order to connect to utility company meters, Weston's proposal is for \$ (b) (5) We may need this at (b) (7)(E) gates.
 - Gate Closure Communications
 - BOD has message on HOTLINE advising of new schedule, and is providing updates.
 - Working on notification letters to landowners from (b) (7)(E).
 1. Completed (b) (7)(E) Working (b) (7)(E)
 - Landowner training
 - Sector training held for the Station trainers on 11/12 Dec.
 - OCC was provided final training documents for use by DOJ appraisers.
 - Sector has accepted final training documents; CD sent to Sector 25 March.
 - IBWC coordination
 - Facilitated meeting with IBWC to discuss their approval of Design Packages #1 and #2. (b) (6), (b) (7)(C) arranged the meeting.
 - Provided real estate information they requested for (b) (7)(E) on 1 Feb.
 - IBWC approved DP#3; (b) (6), (b) (7)(C) will contact IBWC for formal approval.
 - Waiting on IBWC update on Upper Brownsville Levee Rehab award.
 - (b) (6), (b) (7)(C) sent note on 20 Feb asking for an update.
 - IBWC response 22 Feb – delay in NTP; no start date estimated.

Major Efforts

- Renewal Contracts – Round IV
 - Twelve contracts awarded. No more contracts are to be awarded (YUM Veg/Debris is on

hold).

- El Paso Fence – last option expired 8 Jan
- Yuma Fence – last option expired 24 Jan
- Tucson Fence – last option expired 24 Jan
- Yuma Roads – last option expired 22 Jan
- Tucson Roads – last option expired 30 Jan
- El Paso Roads – last option expired 30 Jan
- BBT Roads – last option expired 26 Mar.
- Tucson Veg/Debris – last option will expire 21 May; extension available.
- Yuma Lighting – last option will expire 3 May; extension available
- El Paso Lighting – last option will expire 4 May; extension available
- EPT Veg/Deb – first option has been exercised, good thru 30 Mar. ECSO awarded 2nd (last) option 20 Mar.
- ECSO Round V Contracts (TCA, EPT, BBT)
 - \$120K transferred to ECSO 29 Nov to cover PM to get contracts awarded.
 - EPT and TCA Fence were identified as top priority needs, with TCA and EPT Roads next, and BBT Roads/Veg/Debris next.
 - Also working with Tim Guy on TCA Gate Opening contract extension and TCA Lighting reprourement.
 - Gate opening contract was extended effective 17 Feb, for 3 months thru mid-May 2013.
 - (b) (6), (b) (7)(C) is working new lighting contract thru Sector procurement.
 - YUM M&R coverage
 - Fence will be done in-house until CTIMR
 - Roads will be done in-house and with small contract thru CBP Procurement
 - Gap filler roads/veg/debris contract being developed by (b) (6), (b) (7) – under \$ (b) (5)
 - CBP Gap Filler packages sent to (b) (6), (b) (7)(C) for review for TCA and EPT Fencing.
 - EPT Fencing contract awarded to Cerrudo 19 Dec for \$142,518.98, from 9 Jan – 23 Feb 2013.
 - Extension issued with additional \$ (b) (5) to cover services thru 31 March.
 - (b) (6), (b) (7)(C) extended contract to 20 April. Funding may last to 14 Apr, or 12 Apr if gate retrofit design tasked.
 - Working with DJI/UCC to transition next week before funding runs out.
 - Received proposal for gate retrofit for up to 3 gates.
 - Prepared certification letters for (b) (6), (b) (7)(C) for two invoices.
 - Requested \$ (b) (5) for addn'l 2 weeks & for 3 gate retrofits.
 - TCA Fencing PO issued to Capers in the amount of \$ (b) (5) on 3 Jan 2013.
 - Mod issued 13 Mar extending contract to 12 May 2013, and adding \$ (b) (5)
 - Working on budget and estimated quantities for EPT & TCA Fence and Roads contracts with (b) (6), (b) (7)(C), ECSO.
 - Schedule update:
 - TCA Fence – award now projected as 19 April
 - TCA Roads – requires negotiation
 - All EPT contract actions cancelled due to CTIMR
 - Tactical Infrastructure Condition Index Working Group

- o Meeting held 8 April
- o Minutes/agenda sent 8 April for next meeting.

Good News

- (b) (7)(E) Project
 - o EPWU water line drawings received for review/coordination against our project.

Concerns

- EPT IAA for Vega Mowing
 - o Proposing using BPFTI BPA rather than IBWC.
 - o (b) (6), (b) (7) coordinated with IBWC to confirm their concurrence.
 - o Package revised to reflect above approach and provided to (b) (6), (b) (7)(C) in Contracting on 9 April.
- (b)(7)(E) Bridge – Security Requirements

(b) (5)

- (b) (6), (b) (7)(C) from OFO HQ called on 22 Jan to get update on (b)(7)(E) He's involved with UP settlement funding. (b) (5)
 - Reached out to CC counsel on easement outgrant 28 Jan due to slow progress. Waiting response, (b) (5)
 - Provided support to BOD for meeting with Congressional staffs held on 15 Feb.
 - o Advised by BOD that CC is still applying to the state for funding.
 - o Span across Rio Grande has been installed, with fencing to deter pedestrian traffic.
 - o Completion of (b)(7)(E) project is on hold, per County's construction manager.
 - Real estate acquisition is now complete.
 - (b) (5)
 -
 -
 -
 - o Sent CCRMA email offering swing gate option 7 Dec.
- RGV (b)(7)(E) Highway – Fence Relocation
 - o Confirmed funding available from TxDOT & CCRMA bonds; final estimate not developed yet
 - o Coordination w/IBWC will start once TxDOT approves draft EA
 - o CC engineer sent latest schedule & draft EA 8 Mar
 - o Forwarded EA to (b) (6), (b) (7)(C) 2 Apr.
 - o Received maps from CC engineer 25 Jun.
 - o Latest schedule received from TXDOT 28 Jan 2013. No change in contract letting date of

Dec 2013. CCRMA is still working EA & BA.

- IBWC Riverside MOA & design
 - IBWC advised on 28 Feb that project does not have funding and will be shelved until funding is available. Guard rail and security grating should be considered for continued action.
- CTIMR Support – Area 4
 - RGV - providing technical support for (b) (6), (b) (7)(E) on unsuitable caliche for levee maintenance, on (b)(7)(E) maintenance scope, and on lifting system for (b)(7)(E) gates.
 - Provided technical review comments on CWP#4 for RGV CLIN 2 (roads) on 12 Mar.
 - Recommended entire (b)(7)(E) access road be improved to all-weather condition
 - Corrected work on road to be revested (b)(7)(E)
 - Resolved (b)(7)(E) maintenance approach with Pam & Gary.
 - Adjusted M&R approach on (b)(7)(E) Rd and (b)(7)(E) Rd
 - Working to establish standard specification for caliche.
 - Collecting sample caliche specs & discussing issues with local supplier's engineer.
 - Need to finalize standard for (b)(7)(E) need to reconfirm Sector requirement for width (b) (6), (b) (7)(C) and get (b) (6), (b) (7)(C) final review.
 - RGV Access Road M&R
 - Visited Sector and site with Primus & (b) (6), (b) (7)(C) & (b) (6), (b) (7)(C).
 - Prepared recommendations for M&R for CWP#2 access roads.
 - Discussions held 12 Oct with (b) (6) to finalize task descriptions for access roads
 - Received Primus recommendations for road M&R categories for future classification of M&R.
 - (b) (5), (b) (7)(E)
 - (b) (5), (b) (7)(E)
 - Worked with (b) (6), (b) (7)(C) to clarify standards for cross slopes and aggregate thickness calculations

Deliverables

- RGV Gates IPT minutes & agenda
- Provided O&M Manuals for most of EPT fence segments/gates, and FBM data for 2012, to (b) (6), (b) (7)(C) for CTIMR contractor use
- Prepared extension & funding package, with justification, for (b) (6), (b) (7)(C) signature
- Completed review and repaired COR certification letters for acceptance of 2 invoices for EPT Fence M&R Gap Filler contract
- Provided review comments on (b)(7)(E) Roads 35% design

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), PE, PMP
Program Manager
LMI

Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
*"Excel as a trusted strategic partner enhancing
Border Patrol's proud legacy"*

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Weekly Report - 3 Apr 2014 (b) (6)
Date: Thursday, April 03, 2014 10:24:39 AM

Thanks (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)
Division Director, RE and ENV Services Division
Acting Division Director, TI Division
Border Patrol Facilities and Tactical Infrastructure
Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)
Excel as a trusted strategic partner enhancing Border Patrol's proud legacy

From: (b) (6), (b) (7)(C)
Sent: Wednesday, April 02, 2014 12:32 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Weekly Report - 3 Apr 2014 (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)
Changes from the last update are in red.

Hot Issues

Major Efforts

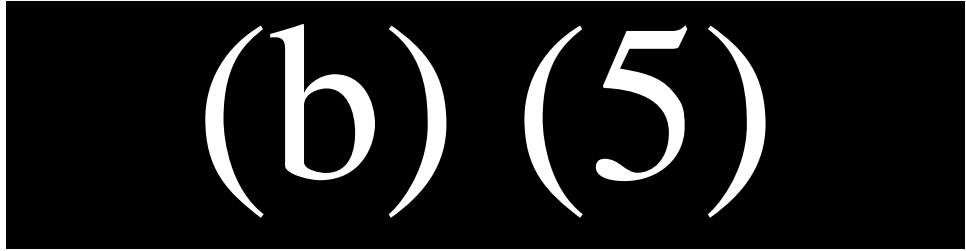
- (b) (7)(E) Construction
 - Performed site visit on 5 Feb
 - Provided engineering review comments for gates electrical submittal on 11 Feb
 - (b) (5)
- RGV Gates, Phase 1 (b) (7)(E) gates
 - All gates now are available for Sector to use.
 - Deleted (b) (6), (b) (7)(C) Gap closure from contract due to (b) (6), (b) (7)(C) concern with (b) (6) Ramp
 - Will widen (b) (6) Ramp, improve access road, and install culvert at TXDOT swale. If (b) (6), (b) (7)(C) is OK, will then close his gap.
 - Final design received 29 Jan 2014
 - (b) (6), (b) (7)(C) submitted TXDOT permit to local office. Approval is expected to be received in a couple weeks. Requested update 19 Mar.
 - (b) (6), (b) (7)(C) requested cost estimate from Primus, for (b) (6) Ramp and (b) (6), (b) (7)(C) Gap Closure.
 - (b) (6), (b) (7)(C) Gap Closure estimate needed by (b) (6), (b) (7)(C) in order to source D&D funds.
 - Primus estimates received. (b) (6), (b) (7)(C) is working with Primus to reassess their

estimated (b) (6), (b) (7)(C) Gap Closure cost.

(b) (5)

- (b) (6), (b) (7)(C) submitted an inquiry to his Congressman complaining about the steepness of the existing ramp.
 - Communications will respond to the Inquiry.
 - (b) (6), (b) (7)(C) will include this issue on the weekly DOJ meeting agenda for 2 Apr. We anticipate the AUSA will discuss with (b) (6), (b) (7)(C) attorney to assess whether our current plan is valid or not.
 - We are looking at options in case management needs to assess additional approaches to meeting (b) (6), (b) (7)(C) needs.
- Per (b) (6), (b) (7)(C) C, a PRD will be needed for (b) (7)(E) – (b) (6), (b) (7)(C) is working it, but is now on hold until (b) (6), (b) (7)(C) Inquiry is resolved.
- Landowner training
 - Sector prepares a weekly training report that helps to bring focus on this issue. A report was provided last week, and forwarded to the IPT team.
 - FTB is fully trained
 - BRV is fully trained except for 4 landowners
 - MCS is fully trained except for 7 emergency responders
 - HRL is partially trained
 - Per Sector 20 March update, WSL is still making significant progress in agent/landowner/emergency responder training.
- Warranty management (2 year warranty)
 - Rodents in the controller cabinet are a significant issue. Ultrasonic emitters have been installed in controller cabinets.
 - (b) (5)
 - (b) (5)
 - We've had two rodent incursions into operators with the EVAC repellent packets. Mfr was contacted and is sending 48 packets gratis; he is concerned about how fresh the ones were that we used.
 - Primus will put two in each operator where prior rodent issues occurred per mfr recommendation.
 - (b) (5)
 - Conference call held with USACE, (b) (6), (b) (7)(C) and myself on 17 Mar.
 - (b) (6), (b) (7)(C) will check with Weston on whether Primus can do the recommended closure work on the operators. If not, we'll need to arrange funding for a mod.
 - Doorking is on site this week with two personnel to assess warranty issues for Weston, and to assist retrofitting the gate operators to deter rodent infestations. The retrofits will be done by/with Primus, with Doorking materials & design.
 - (b) (6), (b) (7)(C) will check on whether Primus feels qualified to rewire the operator at (b) (7)(E) it's determined to be non-warranty.
 - (b) (6), (b) (7)(C) will research background on (b) (7)(E) with Primus & Weston.

- A call was held 19 Mar with government team to review how we assess warranty vs. non-warranty work, to assure that process is effective and clear to those involved.
- A call was held with Weston on 25 Mar regarding CBP execution of non-warranty work. Weston will:



- After conference call on 28 Jan with USACE COR, (b) (6), (b) (7)(C) and myself, the COR requested a plan from Weston to meet contract requirements for response to warranty requests.
 - Weston sent a letter dated 20 Feb to USACE requesting direction in handling work they believe is non-warranty, which is learned after they evaluate referred warranty items. Categories identified are vandalism, rodent-caused damage, improper maintenance/troubleshooting, and improper diagnosis.
 - Meeting held 21 Feb with USACE to discuss. BPFTI will review and provide feedback to (b) (6), (b) (7)(C) to assist in USACE response.
 - USACE advised in a 3 Mar meeting that they are preparing a response to Weston's letter.
 - Meeting held 4 Mar with USACE & Weston to discuss procedural issues other than those to be addressed in USACE's letter.
 - USACE COR has submitted proposed response letter to CO for review. Requested update 26 Mar.
 - A call is scheduled for 2 Apr with Weston & USACE (b) (5)
- Design Delay Claim letter dated 5 Nov 2013 received from Weston; requests \$ (b) (5) for delays from "inappropriate design review comments" and "refusal to fast track" the design process.
 - Weston sent letter 9 Dec 2013 requesting release of LD's.
 - USACE response letter was sent 22 Jan, copy provided to BPFTI management same day.
 - I provided claim review comments to USACE on 9 Dec.
 - USACE CO denied the claim in total on 14 March. Weston has 90 days to dispute the decision to ASBCA, or 1 year to dispute it to COFC.
 - As of 2 April, Weston has not contacted USACE on their plans regarding this claim.
 - Risk assessment validated in FITT for RGV Gates 25 Mar 2014
- ECSO Round V & CBP Gap Filler Contracts – will need to work transition to CTIMR for WA#2 with ECSO
 - Gap Filler contracts for TCA and YUM are good thru 31 March except for TCA Roads, whose option expires in mid-March.
 - Gap Filler tracking spreadsheet provided to (b) (6), (b) (7)(C) 26 Feb to assist in tracking contracts to be transitioned.
- Tactical Infrastructure Condition Index Working Group
 - Meeting held 8 April
 - Minutes/agenda sent 8 April for next meeting.
 - Milestones sent to BOD for SMR meeting 16 Jun
- LCCE Development for Budget Assessment

- o Attended a meeting with (b) (6), (b) (7)(C) & her folks on 8 March to discuss the way forward on separating owned and operational requirements (esp. roads), including terminology that may better describe (b) (6), (b) (7)(C) intent. A plan was developed and will be managed by (b) (6), (b) (7)(C)

Good News

Concerns

- EPT MOA for Vega Mowing
 - o Agreement to proceed with MOA; currently developing draft. Draft MOA completed and forwarded for CBP review on 24 Sep. Comments due by 4 Oct.
 - o Meeting to discuss comments held 25 Oct
 - o Final draft completed coordination and was sent to USIBWC for initial review 22 Nov.
 - o (b) (6), (b) (7)(C) confirmed on 25 Nov that she requested review comments and expected them "soon". (b) (6), (b) (7)(C) will request status at monthly IBWC meeting on 9 Jan.
 - o Spoke to (b) (6), (b) (7)(C) on 22 Jan and she expects to submit the MOA to management for review & comment next week.
 - o Requested update from (b) (6), (b) (7)(C) 10 Feb for IBWC meeting upcoming.
- EPT MOA for Levee Road Maintenance
 - o Contacted USIBWC 22 Nov; MOA now in review. (b) (6), (b) (7)(C) will request status in the IBWC meeting on 9 Jan.
 - o Spoke to (b) (6), (b) (7)(C) on 22 Jan and she expects to submit the MOA to management for review & comment next week.
 - o Additional revision sent to (b) (6), (b) (7)(C) 24 Feb, as recommended by (b) (6), (b) (7)(C), and coordinated with (b) (6), (b) (7)(C)
 - o On 21 Mar, (b) (6), (b) (7)(C) advised that IBWC legal has made comments that we need to discuss.
- Levee Road Maintenance MOA's for EPT and RGV.

(b) (5), (b)(6); (b)(7)(C)

- (b)(7)(E) MILCON, Phase 2
 - o 100% engineering review comments provided 12 Feb.
 - o Kick-off meeting scheduled for 8 April in RGV.
- (b)(7)(E) Fence Closure Project
 - o Meeting is scheduled for 7 March with HCID#1, IBWC, HCDD#1, & Sector to discuss HCDD proposal for (b) (5); (b) (6), (b) (7)(C) attended for BPFTI.
 - o Per (b) (6), (b) (7)(C) USIBWC may proceed with closure project with existing CBP funds available on IAA.
 - o (b) (6), (b) (7)(C) attended meeting in RGV; County provided a new plan that they intend to execute.

(b) (5)

- (b) (6), (b) (7)(C) will follow up with County on progress.

- Revegetation action is still needed. (b) (6), (b) (7)(C) will discuss with USIBWC.
- EPT – USIBWC (b)(7)(E) Project
 - (b)(7)(E)
 - 90% design provided, but did not address impact on (b) (7)(E) constructed infrastructure, especially at (b)(7)(E) Engineering review comments provided 4 Mar.
- EPT – USIBWC (b)(7)(E) Project
 - Project design stopped at 60% in early 2012 due to lack of funding
 - USIBWC advised that funding is now available, and 90% design will be provided soon.
 - Draft MOA was shared with USIBWC to address removal/reinstallation of fencing/gates, and border security during the project.
 - Draft MOA reviewed with Sector on 27 Feb. **Sent proposed revisions to IBWC for review on 27 Mar.**
- (b)(7)(E) Bridge – Security Requirements
 - Span across Rio Grande has been installed, with fencing to deter pedestrian traffic.
 - Status as of 10 Jul 2013 (from CC construction manager)
 - CC contractor is laying track.
 - Revised schedule shows 25 Nov 2013 completion
 - Mexico is reported to estimate a late October 2013 completion
 - CC is still reportedly looking for funding for CBP requirements
 - Provided input for briefing for Reps. Carter and Vela on 13 Aug and information for “get backs” that resulted from the meeting.
 - Latest Update
 - Construction on both sides appears to be near completion according to the CCRMA construction manager.
 - (b) (6), (b) (7)(C), OFO PM, provided email string on 13 Jan indicating CCRMA now (b) (5).
 - Requested update from CCRMA 13 Jan, but no response yet. Also, followed up with a call, and left message with secretary. On 22 Jan CCRMA secretary advised that CCRMA Administrator (b) (6), (b) (7)(C) is out of town and she doesn’t know when he’ll be back.
 - **A meeting and conference call is scheduled for 9 April with (b) (6), (b) (7)(C) to discuss CCRMA plans for bridge security IAW the MOA.**
- RGV (b)(7)(E) Highway – Fence Relocation
 - Confirmed funding available from TXDOT & CCRMA bonds; final estimate not developed yet
 - Coordination w/IBWC will start once TXDOT approves draft EA
 - Requested update from TXDOT POC 30 Dec 2013
 - Sent draft PRD to ECSO and requested ROM & notional schedule – 18 Jun.
 - ROM received from ECSO (b) (6), (b) (7)(C) 18 Feb. **I’ll prepare a PRD when priorities allow. Funding will be D&D.**
- CTIMR Support – Area 3
 - Performed engineering site visit to various TI M&R completed and planned work with (b) (6), (b) (7)(C) on 4/5 Feb
 - Provided engineering assessment of (b) (7)(E) M&R plan on 11 Feb
 - Requested cost data for (b)(7)(E) repairs, (b) (5)
 - (b) (7)(E) Reminder email sent **2 Apr.**
 - Reviewed CWP#1 additional work elements on 1 Jul and sent 14 review comments/questions.
 - Due to time constraints with issuing CWP, comments will be discussed at a later time. Comment resolution needed on:
 - F&G 1049 – Retaining wall
 - R&B 1055 – Road (b)(7)(E) POE

- L&E 1063 – Lighting inspection
- V&D 1068, 1069, 1073, 1266-1269 – Veg loading/hauling/disposal
- R&B 1258 – LWC repair
- R&B 1260 – (b)(7)(E) road
- Deferred items w/comments, or needing enrg support
 - R&B 1270 – (b)(7)(E)
 - V&D 1272 – Retention pond
 - R&B 1273 – (b)(7)(E) proposed repairs
 - R&B 1274 – (b)(7)(E) articulated mat at LWC
- Received CWP #4 for review 17 Mar. Review comments provided 18 Mar. PM response received 18 Mar. Will review responses on 19 Mar. Resolved all concerns 24 Mar, but will continue working with PM on two work items:

(b)(7)(E)

- CTIMR Support – Area 4

- DRT.

- Provided initial review and comments on proposed (b)(5)
- Working with (b)(6) on final repair approach.
 - Will visit site on 22 Apr during visit to DRT.
- Provided review comments on CWP #8 on 5 Mar.
 - Discussed with PM on 6 Mar, and sent updated comments on 12 Mar. Concerns resolved on 18 Mar.
- (b)(7)(E) Boat Ramp Access Gate PRD – received PRD for review 5 Mar; provided engineering review comments/questions on 7 Mar. Meeting on 26 Mar with (b)(6); (b)(7)(C) resolved question on use of gate operator for this application. Final comments provided 26 Mar.

- LRT

- Provided review comments on CWP #8 on 5 Mar.
- Received response on 6 Mar, and approved plan on 12 Mar, with some concerns that we will continue to work.
- (b)(7)(E) PRD – received 12 Mar for review; review comments provided 23 Mar.

- (b)(6), (b)(7) concurred on 26 Mar with the use of grating as submitted in this PRD and proposed for the Laredo South MILCON project.

- I'll continue to work with the PM on grating options to assure ease of access for maintenance.

- RGV

- Participated in CWP #8 review with PM & Primus on 5 Mar, and provided engineering concerns which were resolved.
- Boat Ramps (Top 3) – working with PM & (b)(6), (b)(7)(C) on concept
 - Discussed with PM that we need river bottom topo & at least anecdotal info on river levels before a decent scope can be developed.
 - Meeting was held on 7 Jan with WA #4 PMs and Heather to discuss various issues raised by (b)(6), (b)(7). The meeting was productive, but management input may be needed to resolve some issues.
 - (b)(6), (b)(7) has the lead on resolving questions she raised.

(b)(5)

(b) (5)

- (b)(7)(E) Boat Ramp PRD – received for review 19 Mar; provided engineering review comments 23 Mar.
 - Received revised PRD 2 Apr for review.

Deliverables

- EPT (b)(7)(E) MOA – provided proposed revisions to USIBWC on 27 Mar.
- Completed engineering review of (b)(7)(E) PRD 26 Mar
- Completed engineering review of (b)(7)(E) Boat Ramp Access Gate PRD on 26 Mar

(b) (6), (b) (7)

(b) (6), (b) (7)(C), PE, PMP

Program Manager

LMI

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

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Border Patrol's proud legacy"*

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Weekly Report - 21 Mar (b) (6)
Date: Thursday, March 21, 2013 10:39:31 AM

(b) (6), (b) (7)

Changes from the last update are in red.

Hot Issues

• RGV Gates

- Work is progressing from (b) (7)(E) Pier drilling and pier caps complete on all gates in (b) (7)(E). Steel fabrication continues to delay progress for Weston.
- Gate testing in (b) (7)(E) may begin in late March, but is being delayed by lack of some components.
- Revised keypads approved at Weston's recommendation, due to persistent problems with the previously approved keypad. No cost to the government.
- Working issue in Hidalgo County on alternate access. (b) (6), (b) (7)(C) checking with Weston on whether any gates will need half slab construction.
- Due to anticipated late utility access rights, (b) (5)
- Received a formal proposal from Weston for the (b) (6) Gate/ramp/filler fence for about (b) (5) USACE will negotiate.
- Gate Closure Communications
 - BOD has message on HOTLINE advising of new schedule, and is providing updates.
 - Working on notification letters to landowners from (b) (7)(E)
 1. Completed (b) (7)(E) Working (b) (7)(E)
- Landowner training
 - Sector training held for the Station trainers on 11/12 Dec.
 - OCC was provided final training documents for use by DOJ appraisers.
 - Sector is accepted final training documents; CD is being prepared to send to Sector.
- IBWC coordination
 - Facilitated meeting with IBWC to discuss their approval of Design Packages #1 and #2. (b) (6), (b) (7)(C) arranged the meeting.
 - Provided real estate information they requested for (b) (7)(E) on 1 Feb.
 - IBWC approved DP#3; (b) (6), (b) (7)(C) will contact IBWC for formal approval.
 - Waiting on IBWC update on (b) (7)(E) Levee Rehab award.
 - (b) (6), (b) (7)(C) sent note on 20 Feb asking for an update.
 - IBWC response 22 Feb – delay in NTP; no start date estimated.

Major Efforts

- Renewal Contracts – Round IV
 - Twelve contracts awarded. No more contracts are to be awarded (YUM Veg/Debris is on hold).
 - El Paso Fence – last option expired 8 Jan
 - Yuma Fence – last option expired 24 Jan

- Tucson Fence – last option **expired** 24 Jan
 - Yuma Roads – last option **expired** 22 Jan
 - Tucson Roads – last option **expired** 30 Jan
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 - Tucson Veg/Debris – last option will expire 21 May; extension available.
 - Yuma Lighting – last option will expire 3 May; extension available
 - El Paso Lighting – last option will expire 4 May; extension available
 - EPT Veg/Deb – first option has been exercised, good **thru 30 Mar.** **ECSO awarded 2nd (last) option 20 Mar.**
 - **ECSO Round V Contracts (TCA, EPT, BBT)**
 - \$120K transferred to ECSO 29 Nov to cover PM to get contracts awarded.
 - EPT and TCA Fence were identified as top priority needs, with TCA and EPT Roads next, and BBT Roads/Veg/Debris next.
 - Also working with (b) (6), (b) (7)(C) on TCA Gate Opening contract extension and TCA Lighting reprourement.
 - Gate opening contract **was** extended effective 17 Feb, for 3 months thru mid-May 2013.
 - (b) (6), (b) (7)(C) **is working** new lighting contract thru Sector procurement.
 - YUM M&R coverage
 - Fence will be done in-house until CTIMR
 - Roads will be done in-house and with small contract thru CBP Procurement
 - Gap filler roads/veg/debris contract being developed by (b) (6), (b) (7) – under \$ (b) (5)
 - **CBP Gap Filler** packages sent to (b) (6), (b) (7)(C) for review for TCA and EPT Fencing.
 - EPT Fencing contract awarded to Cerrudo 19 Dec for \$142,518.98, from 9 Jan – 23 Feb 2013.
 - Extension issued with additional \$ (b) (5) to cover services thru 31 March.
 - Working on subsequent extension thru 31 May (\$ (b) (5)).
 - **Waiting (b) (6), (b) (7)(C) approval on funding.**
 - TCA Fencing PO issued to Capers in the amount of \$ (b) (5) on 3 Jan 2013.
 - **Mod issued 13 Mar extending contract to 12 May 2013, and adding \$ (b) (5)**
 - Working on budget and estimated quantities for EPT & TCA Fence and Roads contracts with (b) (6), (b) (7)(C), ECSO.
 - Baseline schedule showed NTP of 11 Mar 2013 for all four contracts.
 - Schedule update on 6 March shows NTP's as follows;
 - TCA Fence – 20 April
 - TCA Roads – 9 April
 - EPT Fence – 23 April
 - EPT Roads – 23 April
 - BBT Roads – 24 April (not in latest schedule; will check)
 - **Proposals received on all except BBT.**
 - **EPT Fence & TCA Fence proposals were within IGCE. TCA Roads is negotiable. EPT Roads is very high.**
 - Funds provided 8 Jan for \$2,118K for 4 contracts.
 - **ECSO requested additional \$200K for TCA Roads, and \$250K for initial PM and Construction Oversight on 20 Mar.**

- ECSO agreed to provide Const O/S support for CBP gap filler fencing contracts, and requested \$(b)(5) on 2 Jan. Funds approved by (b)(6), (b)(7) and provided to ECSO.
- Tactical Infrastructure Condition Index Working Group
 - First meeting held 1 March.
 - **Second meeting scheduled for 22 Mar**

Good News

Concerns

- (b)(7)(E) Bridge – Security Requirements

◦ [REDACTED] (b) (5)

- (b)(6), (b)(7)(C) from OFO HQ called on 22 Jan to get update on (b)(7)(E) He's involved with UP settlement funding. (b)(5)
 - [REDACTED] out to CC counsel on easement outgrant 28 Jan due to slow progress. Waiting response, (b)(5)
 - Provided support to BOD for meeting with Congressional staffs held on 15 Feb.
 - Advised by BOD that CC is still applying to the state for funding.
 - Span across Rio Grande has been installed, with fencing to deter pedestrian traffic.
 - Completion of West Rail project is on hold, per County's construction manager.
 - Real estate acquisition is now complete.
 - [REDACTED] (b)(5)
 - [REDACTED]
 - [REDACTED]
 - [REDACTED]

- Sent CCRMA email offering swing gate option 7 Dec.
- RGV (b)(7)(E) ighway – Fence Relocation
 - Confirmed funding available from TxDOT & CCRMA bonds; final estimate not developed yet
 - Coordination w/IBWC will start once TxDOT approves draft EA
 - CC engineer sent latest schedule & draft EA 8 Mar
 - Forwarded EA to (b)(6), (b)(7)(C) 2 Apr.
 - Received maps from CC engineer 25 Jun.
 - Latest schedule received from TXDOT 28 Jan 2013. No change in contract letting date of Dec 2013. CCRMA is still working EA & BA.
- IBWC Riverside MOA & design
 - Response to BPFTI comments received
 - Some items will need to be funded by BPFTI

- Draft MOA submitted to IBWC 15 June for review.
 - Received IBWC comments and sent CBP comments to them on 22 Oct.
 - Working IAA for guard rail and security grating over valve vault
 - USACE will initiate design – tasked to them 14 Sep.
 - Requested update 16 Oct.
 - Will contract separately from IBWC, so no IAA will be required.
 - IBWC advised on 28 Feb that project does not have funding and will be shelved until funding is available. Guard rail and security grating should be considered for continued action.
- CTIMR Support – Area 4
 - RGV - providing technical support for (b) (6), (b) (7)(E) on unsuitable caliche for levee maintenance, on (b)(7)(E) maintenance scope, and on lifting system for (b)(7)(E) grates.
 - Provided technical review comments on CWP#4 for RGV CLIN 2 (roads) on 12 Mar.
 - Recommended entire (b) (7)(E) access road be improved to all-weather condition
 - Corrected work on road to be revested (b)(7)(E)
 - Resolved (b)(7)(E) maintenance approach with Pam & Gary.
 - Adjusted M&R approach on (b)(7)(E) and (b)(7)(E)
 - Working to establish standard specification for caliche.
 - Collecting sample caliche specs & discussing issues with local supplier's engineer.
 - Need to finalize standard for (b)(7)(E) need to reconfirm Sector requirement for width (b) (6), (b) (7)(C) and get (b) (6), (b) (7)(C) final review.
 - RGV Access Road M&R
 - Visited Sector and site with Primus & (b) (6), (b) (7)(C) & (b) (6), (b) (7)(C).
 - Prepared recommendations for M&R for CWP#2 access roads.
 - Discussions held 12 Oct with (b)(6);(b)(7)(C) to finalize task descriptions for access roads
 - Received Primus recommendations for road M&R categories for future classification of M&R.
 - (b) (5), (b) (7)(E)
 - (b) (5), (b) (7)(E)
 - Worked with (b) (6), (b) (7)(C) to clarify standards for cross slopes and aggregate thickness calculations

Deliverables

- RGV Gates IPT minutes & agenda
- 90% review comments for IBWC Reach 3 project
- RGV Gates quarterly POC calculated and entered in KMS & TRIRIGA
- Updated TI Budget spreadsheet provided to (b) (6), (b) (7)(C)
- Provided Boot Camp training info to (b) (6), (b) (7)(C), as well as contract documents for all EPT contracts
- RGV Gates Warranty Management Plan was finalized.
- RGV Gates risks updated in FITT in coordination with (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), PE, PMP

Program Manager

LMI

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

"Excel as a trusted strategic partner enhancing

From: (b) (6)
To: (b) (6), (b) (7)(C) (b) (6)
Cc: (b) (6)
Subject: IFT (b)(7)(E) Road discussion
Date: Friday, June 27, 2014 1:44:35 PM
Attachments: NON-RESPONSIVE
NON-RESPONSIVE

IFT Road Requirements

Had discussion on IFT roads with the ELBIT Sub-contractor who is putting up the towers. They provided a sample of road design they would expect as well as equipment list planned for tower erection and site construction (included in email as attachment).

In addition, they provided additional equipment information and will be providing details on each site for the crane requirement. 3 sites appear to have a requirement for a 90-ton RT crane. We will forward the spec sheets on this crane with details on which site they apply to so that USACE can ensure turn radius are capable of meeting requirement of equipment. (CAG-0436, AJO-0450 and -0460 will need the 90 Ton RT crane, other sites can use the 50 ton crane)

(b) (5), (b) (7)(E)

(b) (6), (b) (7)(C)



2000 Corporate Ridge
McLean, VA 22102-7805

(b) (6), (b) (7)(C) P

Complex Problems. Practical Solutions.
www.lmi.org

From: (b) (6)
To: (b) (6), (b) (7)(C), (b) (6)
Subject: RE: (b)(7)(E) Fence "listing into Mexico" 2 of 2 emails
Date: Tuesday, July 08, 2014 8:35:02 AM

I'm good for that time slot.

(b) (6), PE, CCP, PMP

LMI

2000 Corporate Ridge
McLean, VA 22102-7805

(b) (6) Desk
(b) (6) Cell

Complex Problems. Practical Solutions.
www.lmi.org

From: (b) (6), (b) (7)(C)
Sent: Tuesday, July 08, 2014 8:30 AM
To: (b) (6)
Subject: Re: (b)(7)(E) Fence "listing into Mexico" 2 of 2 emails

Thanks. Looks like we have time at 12pm. Can you both be available for a call? It should be pretty quick.

From: (b) (6)
Sent: Tuesday, July 08, 2014 08:24 AM
To: (b) (6), (b) (7)(C); (b) (6)
Subject: RE: (b)(7)(E) Fence "listing into Mexico" 2 of 2 emails

I'll make myself available whenever required this morning.

(b) (6), PE, CCP, PMP

LMI

2000 Corporate Ridge
McLean, VA 22102-7805

(b) (6) Desk
(b) (6) Cell

Complex Problems. Practical Solutions.
www.lmi.org

From: (b) (6), (b) (7)(C)
Sent: Tuesday, July 08, 2014 7:56 AM
To: (b) (6)
Cc: (b) (6)
Subject: Re: (b)(7)(E) Fence "listing into Mexico" 2 of 2 emails

Ok. (b) (6), (b) (7)(E) responded, once I sent as awareness. We use the (b) (5) per miles.

Ok. I'll get this set up this am.

From: (b) (6)
Sent: Tuesday, July 08, 2014 07:54 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6)
Subject: Re: (b)(7)(E) Fence "listing into Mexico" 2 of 2 emails

I'm available today. My only hard commitment is from 330 to 430.

Sent from my iPhone

On Jul 8, 2014, at 6:28 AM, (b) (6), (b) (7)(C) wrote:

Gents:

(b) (5)

Let me know.. Thank you..

From: (b) (6), (b) (7)(C)
Sent: Monday, July 07, 2014 08:21 PM
To: (b) (6), (b) (7)(C)
Subject: Re: (b)(7)(E) Fence "listing into Mexico" 2 of 2 emails

(b) (6), (b) (7)

I know this will be a lift, but we have an internal deadline of tomorrow, July 8th, to but all OBP UFRs together and prioritize them in order to brief OBP leadership for concurrence on 7/9.

Any estimate you could provide by COB tomorrow for inclusion would be greatly appreciated. I am hoping that you may be able to look at the scope of the current work and also consider the actual costs realized with any similar effort(s) in the not so distant past

(b) (6), (b) (7)

From: (b) (6), (b) (7)(C)
Sent: Monday, July 07, 2014 07:51 PM

To: (b) (6), (b) (7)(C)
Cc: HANSON, MICHAEL W
Subject: Re: (b)(7)(E) Fence "listing into Mexico" 2 of 2 emails

(b) (6), (b) (7)(C)

Confirmed with the Sector that it is a requirement. A. (b) (6), (b) (7)(C) will be working the UFR request for ORMB. Please coordinate any cost estimate info with him.

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Monday, July 07, 2014 05:08 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Re: (b)(7)(E) Fence "listing into Mexico" 2 of 2 emails

(b) (6), (b) (7)(C)

The Chief would like to submit this as a UFR. Can FM&E a construction cost estimate?
Thanks.

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Monday, July 07, 2014 04:19 PM
To: (b) (6), (b) (7)(C)
Subject: Re: (b)(7)(E) Fence "listing into Mexico" 2 of 2 emails

Ok. (b) (5)

When you get the requirement let me know and we'll work it..

From: (b) (6), (b) (7)(C)
Sent: Monday, July 07, 2014 04:16 PM
To: (b) (6), (b) (7)(C)
Subject: RE: (b)(7)(E) Fence "listing into Mexico" 2 of 2 emails

(b) (6), (b) (7)(C)

(b) (5)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Monday, July 07, 2014 4:07 PM
To: (b) (6), (b) (7)(C)

Subject: RE: (b)(7)(E) Fence "listing into Mexico" 2 of 2 emails

Replacement "like for like" as I understand it...

(b) (5)

I hope this helps..

(b) (6), (b) (7)(C), CBM, PMP
Division Director, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
1301 Constitution Ave. NW, Suite B-155
Washington, DC 20004
Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
Sent: Monday, July 07, 2014 4:00 PM
To: (b) (6), (b) (7)(C)
Subject: RE: (b)(7)(E) Fence "listing into Mexico" 2 of 2 emails

(b) (6), (b) (7)(C)

I just mentioned this to (b) (6), (b) (7)(C) and need to follow up with the Sector. This would fall under M&R, yes?

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Monday, July 07, 2014 3:46 PM
To: (b) (6), (b) (7)(C)
Subject: FW: (b)(7)(E) Fence "listing into Mexico" 2 of 2 emails

Gents:

I am sure that this is no surprise.

However, has BP-YUMA sent in a requirements request for this?

Regards,

(b) (6), (b) (7)(C), CBM, PMP
Division Director, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
1301 Constitution Ave. NW, Suite B-155

Washington, DC 20004

Office: (b) (6), (b) (7)(C)

Cell: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)

Sent: Monday, July 07, 2014 2:48 PM

To: (b) (6), (b) (7)(C)

Subject: RE: (b)(7)(E) Fence "listing into Mexico" 2 of 2 emails

Sir,

Here are the temporary measures we took to securing the (b) (7)(E)

[REDACTED]

What we have done in a (b) (7)(E)

[REDACTED]
I (b) (5)

Respectfully,

(b) (6), (b) (7)(C)

Program Manager T.I M/R

Program Management Office

Facilities Management and Engineering

Yuma & El Centro Sectors

Office: (b) (6), (b) (7)(C)

Cell: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Excel as a strategic partner enhancing the Border Patrols proud legacy.

From: (b) (6), (b) (7)(C)

Sent: Monday, July 07, 2014 11:35 AM

To: (b) (6), (b) (7)(C)

Subject: (b)(7)(E) Fence "listing into Mexico" 1 of 2 emails

Sir,

After a microburst weather event we had significant weather damages in the (b)(7)(E) area of the Yuma Sector. The photos attached are of the listing fence, (b) (7)(E)

[REDACTED] This fence is listing into Mexico and on the southside of the fence there are Mexican vehicles parked as well as kids who

play soccer next to the fence.

(b) (5)

The attached photos are of the before photos. I will send you the temporary safety measures we took to try and secure the fence section while we discuss options for replacement.

Respectfully,

(b) (6), (b) (7)(C)

*Program Manager T.I M/R
Program Management Office
Facilities Management and Engineering*

Yuma & El Centro Sectors

Office: (b) (6), (b) (7)(C)

Cell: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Excel as a strategic partner enhancing the Border Patrols proud legacy.

From: (b) (6), (b) (7)(C)
To: (b) (6)
Subject: Re: (b)(7)(E) Fence "listing into Mexico" 2 of 2 emails (UNCLASSIFIED)
Date: Tuesday, July 08, 2014 8:34:15 AM

12pm EDT ok to chat? I can get us all on the phone. (b) (5)

----- Original Message -----

From: (b) (6)]
Sent: Tuesday, July 08, 2014 08:32 AM
To: (b) (6), (b) (7)(C)
Subject: RE: (b)(7)(E) Fence "listing into Mexico" 2 of 2 emails (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

Standing by to assist as required

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Tuesday, July 08, 2014 6:36 AM
To: (b) (6)
Subject: [EXTERNAL] Fw: (b)(7)(E) Fence "listing into Mexico" 2 of 2 emails

FYSA..

From: (b) (6), (b) (7)(C)
Sent: Tuesday, July 08, 2014 07:27 AM
To: (b) (6)
Subject: Fw: (b)(7)(E) Fence "listing into Mexico" 2 of 2 emails

Gents:

(b) (5)

Let me know.. Thank you..

From: (b) (6), (b) (7)(C)
Sent: Monday, July 07, 2014 08:21 PM
To: (b) (6), (b) (7)(C)
Subject: Re: (b)(7)(E) Fence "listing into Mexico" 2 of 2 emails

(b) (6), (b) (7)(C)

I know this will be a lift, but we have an internal deadline of tomorrow, July 8th, to but all OBP UFRs together and prioritize them in order to brief OBP leadership for concurrence on 7/9.

Any estimate you could provide by COB tomorrow for inclusion would be greatly appreciated. I am hoping that you may be able to look at the scope of the current work and also consider the actual costs realized with any similar effort(s) in the not so distant past

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Monday, July 07, 2014 07:51 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Re: (b)(7)(E) Fence "listing into Mexico" 2 of 2 emails

(b) (6), (b) (7)(C)

Confirmed with the Sector that it is a requirement. A. Chief (b)(6), (b)(7)(C) will be working the UFR request for ORMB. Please coordinate any cost estimate info with him.

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Monday, July 07, 2014 05:08 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Re: (b)(7)(E) Fence "listing into Mexico" 2 of 2 emails

(b) (6), (b) (7)(C)

The Chief would like to submit this as a UFR. Can FM&E a construction cost estimate? Thanks.

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Monday, July 07, 2014 04:19 PM
To: (b) (6), (b) (7)(C)
Subject: Re: (b)(7)(E) Fence "listing into Mexico" 2 of 2 emails

Ok. (b) (5)

When you get the requirement let me know and we'll work it..

From: (b) (6), (b) (7)(C)
Sent: Monday, July 07, 2014 04:16 PM
To: (b) (6), (b) (7)(C)
Subject: RE: (b)(7)(E) Fence "listing into Mexico" 2 of 2 emails

(b) (6), (b) (7)(C)

(b) (5)

(b) (6), (b) (7)

From: (b) (6), (b) (7)(C)
Sent: Monday, July 07, 2014 4:07 PM
To: (b) (6), (b) (7)(C)
Subject: RE: (b)(7)(E) Fence "listing into Mexico" 2 of 2 emails

Replacement "like for like" as I understand it...

(b) (5)

I hope this helps..

(b) (6), (b) (7)(C), CBM, PMP

Division Director, TI Division

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

1301 Constitution Ave. NW, Suite B-155

Washington, DC 20004

Office: 202 344 2753

Cell: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
Sent: Monday, July 07, 2014 4:00 PM

To: (b) (6), (b) (7)(C)
Subject: RE: (b)(7)(E) Fence "listing into Mexico" 2 of 2 emails

(b) (6), (b) (7)

I just mentioned this to Chief (b) (6), (b) (7)(C) and need to follow up with the Sector. This would fall under M&R, yes?

(b) (6), (b) (7)

From: (b) (6), (b) (7)(C)
Sent: Monday, July 07, 2014 3:46 PM
To: (b) (6), (b) (7)(C)
Subject: FW: (b)(7)(E) Fence "listing into Mexico" 2 of 2 emails

Gents:

I am sure that this is no surprise.

However, has BP-YUMA sent in a requirements request for this?

Regards,

(b) (6), (b) (7)(C), CBM, PMP

Division Director, TI Division

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

1301 Constitution Ave. NW, Suite B-155

Washington, DC 20004

Office: (b) (6), (b) (7)(C)

Cell: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)

Sent: Monday, July 07, 2014 2:48 PM

To: (b) (6), (b) (7)(C)

Subject: RE: (b)(7)(E) Fence "listing into Mexico" 2 of 2 emails

Sir,

Here are the temporary measures we took to securing the (b)(7)(E)

What we have done in a (b)(7)(E)

Respectfully,

(b) (6), (b) (7)(C)

Program Manager T.I M/R

Program Management Office

Facilities Management and Engineering

Yuma & El Centro Sectors

Office: (b) (6), (b) (7)(C)

Cell: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Excel as a strategic partner enhancing the Border Patrols proud legacy.

From: (b) (6), (b) (7)(C)
Sent: Monday, July 07, 2014 11:35 AM
To: (b) (6), (b) (7)(C)
Subject: (b)(7)(E) Fence "listing into Mexico" 1 of 2 emails

Sir,

After a microburst weather event we had significant weather damages in the (b)(7)(E) area of the Yuma Sector. The photos attached are of the (b) (7)(E) This fence is listing into Mexico and on the southside of the fence there are Mexican vehicles parked as well as kids who play soccer next to the fence. (b)(7)(E)

The attached photos are of the before photos. I will send you the temporary safety measures we took to try and secure the fence section while we discuss options for replacement.

Respectfully,

(b) (6), (b) (7)(C)

Program Manager T.I M/R

Program Management Office

Facilities Management and Engineering

Yuma & El Centro Sectors

Office: (b) (6), (b) (7)(C)

Cell: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Excel as a strategic partner enhancing the Border Patrols proud legacy.

Classification: UNCLASSIFIED

Caveats: NONE

From: (b) (6)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Urgent WO (b) (7)(E) Fence Panels Revised Estimate
Date: Wednesday, July 30, 2014 7:20:33 AM

Here is my input to the message string below:

(b) (5), (b) (7)(E)

(b) (6), PE, CCP, PMP

LMI

2000 Corporate Ridge
McLean, VA 22102-7805

(b) (6) Desk
(b) (6) Cell

Complex Problems. Practical Solutions.
www.lmi.org

From: (b) (6), (b) (7)(C)
Sent: Tuesday, July 29, 2014 10:44 PM
To: (b) (6), (b) (7)(C); (b) (6)
Cc: (b) (6), (b) (7)(C)
Subject: Re: Urgent WO (b) (7)(E) Fence Panels Revised Estimate

Understood, I'll get you everything you need tomorrow. I'll call you first thing tomorrow. Thanks

(b) (6), (b) (7)(C)

Thank You, (b) (6), (b) (7)(C) PM/COR, TI Division Office: (b) (6), (b) (7)(C) Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C) Sent from my blackberry

From: (b) (6), (b) (7)(C)
Sent: Tuesday, July 29, 2014 07:34 PM
To: (b) (6), (b) (7)(C); (b) (6)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Urgent WO (b) (7)(E) Fence Panels Revised Estimate

(b) (6), (b) (7)(C)

I cannot tell the location of this project based on the email chain available to me. (b) (5), (b) (7)(E)

please provide the location and I will provide further guidance. thanks

(b) (6), (b) (7)(C)

LMI
Environmental Planning Branch
Border Patrol Facilities and Tactical Infrastructure Branch
Program Management Office
Facilities Management and Engineering
1301 Constitution Ave NW, Suite B-155
Washington, DC 20004
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
Sent: Tuesday, July 29, 2014 8:51 PM
To: (b) (6), (b) (7)(C); (b) (6) (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Re: Urgent WO (b) (7)(E) Fence Panels Revised Estimate

(b) (6), (b) (7)(C) I need you to weigh-in on this issue please let me know any and all issues you have on this. We are looking to expedite this.

Thank You, (b) (6), (b) (7)(C) PM/COR, TI Division Office: (b) (6), (b) (7)(C) Mobile: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C) Sent from my blackberry

From: (b) (6), (b) (7)(C)
Sent: Tuesday, July 29, 2014 05:44 PM
To: (b) (6), (b) (7)(C) (b) (6)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Urgent WO (b) (7)(E) Fence Panels Revised Estimate

Wow! (b) (5)

I have a couple of questions.

(b) (5)

Thanks

(b) (6), (b) (7)

From: (b) (6), (b) (7)(C)
Sent: Tuesday, July 29, 2014 4:54 PM
To: (b) (6) (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: FW: Urgent WO (b) (7)(E) Fence Panels Revised Estimate
Importance: High

For your review/comments/approvals.

Thank you,

(b) (6), (b) (7)(C)

Program Manager/COR, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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From: (b) (6)
Sent: Tuesday, July 29, 2014 1:50 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6)
Subject: Urgent WO (b) (7)(E) Fence Panels Revised Estimate
Importance: High

(b) (6), (b)

Urgent WO (b) (7)(E) Fence Panels Estimate

This refined estimate includes:

(b) (5)

(b) (5)

SCOPE OF WORK

The following is a proposed scope of work for the repair of the fence / gates. (b) (5)

(b) (5), (b) (7)(E)

(b) (5), (b) (7)(E)

(b) (5), (b) (6)

(b) (5)

- The total estimated cost is worse case, (b) (5) including PMO
 - Cost will be adjusted as harvested materials are identified and utilized

Respectfully,

Wayne

(b) (6)

Site Manager – CTIMR

KBR

Tucson, Arizona

e-mail : (b) (6)

Cell: (b) (6)

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From: (b) (6)
To: (b) (6), (b) (7)(C)
Subject: RE: (b)(7)(E) Collapse of Bollard Fencing
Date: Wednesday, July 30, 2014 7:21:30 AM

Thanks (b) (6), (b) (7) and I are involved in the details of this effort.

(b) (6), PE, CCP, PMP

LMI

2000 Corporate Ridge
McLean, VA 22102-7805

(b) (6) Desk
(b) (6) Cell

Complex Problems. Practical Solutions.
www.lmi.org

From: (b) (6), (b) (7)(C)
Sent: Tuesday, July 29, 2014 8:58 PM
To: (b) (6), (b) (7)(C); (b) (6)
Subject: FW: (b)(7)(E) Collapse of Bollard Fencing

Just in case.....

From: (b) (6), (b) (7)(C)
Sent: Sunday, July 27, 2014 12:10 PM
To: (b) (6), (b) (7)(C)
Subject: Fw: (b)(7)(E) Collapse of Bollard Fencing

Sir, this doesn't look good. (b) (5), (b) (7)(E)
(b) (6), (b) (7)(C). I,m heading in now and
activating the contractor.

Thank You, (b) (6), (b) (7)(C) PM/COR, TI Division Office: (b) (6), (b) (7)(C) Mobile: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C) Sent from my blackberry

From: (b) (6), (b) (7)(C)
Sent: Sunday, July 27, 2014 08:38 AM
To: (b) (6), (b) (7)(C)
Subject: FW: (b)(7)(E) Collapse of Bollard Fencing

FYI

From: (b) (6), (b) (7)(C)
Sent: Sunday, July 27, 2014 7:42 AM
To: (b) (7)(E) SIR MAILING LIST; (b) (7)(E)-CBP
Subject: FW: (b)(7)(E) Collapse of Bollard Fencing

(b) (6), (b) (7)(C)

(A) Watch Commander

(b) (7)(E) Border Patrol

Office (b) (6), (b) (7)(C)

Cell (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Sunday, July 27, 2014 7:28 AM

To: (b) (6), (b) (7)(C)

Subject: (b)(7)(E) Collapse of Bollard Fencing

(b) (7)(E) Collapse of Bollard Fencing

On July 27, 2014, at approximately 6:00 a.m., (b) (7)(E) Border Patrol Agent (b) (6), (b) (7)(C) (b)(7)(E) reported that an approximate 60 foot section of Bollard fencing had collapsed (b)(7)(E). The collapse was caused as a result of heavy rains and flood waters.

The collapsed section of Bollard fencing is located (b) (7)(E) and south of an area known as (b) (7)(E). Supervisory Border Patrol Agent (b) (6), (b) (7)(C) (SBPA) responded to the scene and reported that the base of the Bollard fence at the site of the collapse was approximately three feet under water. SBPA (b) (6), (b) (7)(C) reported that the structural integrity of the Bollard fencing on both sides of the collapsed section need repair as well.

Two agents were deployed to the immediate area to monitor the breach and equipped with a (b)(7)(E) to address any potential threats.

GPS CORDS:

(b) (7)(E)

(b) (7)(E)

National Tracking Number: (b) (7)(E)

Notifications:

(A) Watch Commander (b) (6), (b) (7)(C) in person

(A) Deputy Patrol Agent in Charge (b) (6), (b) (7)(C) notified telephonically

(A) Patrol Agent in Charge (b) (6), (b) (7)(C) notified electronically.

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6); (b) (6), (b) (7)(C)
Subject: Re: (b) (7)(E) Collapse
Date: Thursday, July 31, 2014 8:53:46 AM

Thank you (b) (6), (b) (7)(C) for the quick response. This is good news on our efforts to provide repairs to this section of the IBF.

Thank You, (b) (6), (b) (7)(C) PM/COR, TI Division Office: (b) (6), (b) (7)(C) Mobile: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C) Sent from my blackberry

From: (b) (6), (b) (7)(C)
Sent: Wednesday, July 30, 2014 08:26 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6)
Subject: RE: (b) (7)(E) Collapse

(b) (6), (b) (7)(C) – The environmental impacts associated with the construction of this segment of pedestrian fencing (b) (7)(E) were originally evaluated in the November 2011 Environmental Stewardship Plan (ESP) (document entitled “*Environmental Stewardship Plan for the Proposed (b) (7)(E) Fence Replacement Project, U.S. Border Patrol Tucson Sector, (b) (7)(E) Station, Arizona*”). The final design and construction of this segment of fencing and any environmental impacts due to construction actions were captured in an Environmental Stewardship Summary Report (ESSR), dated August 13, 2012.

Cultural and biological surveys of the project area associated with the replacement of this fence segment were previously completed and discussed in the 2011 ESP. No cultural or archaeological resources were identified at this section of fencing. During actual fence replacement and construction actions, biological and cultural monitors were present and no cultural resources were identified in this area of the fence, based on the ESSR. In addition, no biological resources were affected during the replacement of this segment of fencing. Given that prior environmental evaluation and the impacts associated with the original replacement of this fence segment have been completed and documented in the ESSR and given that the current fence remediation does not include improvements to the fence, road, or drainage, no further environmental evaluation or documentation is needed at this time. If the scope of the fence remediation changes to include improvements or staging areas not previously used/disturbed by CBP, please let us know as soon as possible so that we can evaluate whether surveys, analysis, or additional documentation is necessary.

Please also keep in mind that all Best Management Practices implemented during the original fence replacement project would still apply and must be implemented. A copy of the BMPs are attached.

Please let us know if you have any questions.

Thanks,

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Wednesday, July 30, 2014 2:42 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6)
Subject: RE: (b) (7)(E) Collapse

This will be a like for like replacement sir.

Thank you,

(b) (6), (b) (7)(C)

Program Manager/COR, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
Sent: Wednesday, July 30, 2014 2:41 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6)
Subject: RE: (b) (7)(E) Collapse

(b) (6), (b) (7)(C) – Do you know if there are any plans to re-engineer or upgrade the fence or make any stormwater improvements to this section of the fence or is this a like for like replacement? Thanks.

From: (b) (6), (b) (7)(C)
Sent: Wednesday, July 30, 2014 11:51 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6)
Subject: FW: (b) (7)(E) Collapse

(b) (6), (b) (7)(C)

The damaged section of fence is approximately (b) (7)(E) To replace the fence we will have to (b) (7)(E)

(b)(7)(E) then construct a new foundation. The total area to be excavated will be approximately (b)(7)(E). This area is just to remove and construct the fence and does not include additional disturbed area due to other contractor activities associated with this remedial action.

Thank you,

(b) (6), (b) (7)(C)

Program Manager/COR, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
Sent: Wednesday, July 30, 2014 10:12 AM
To: (b) (6), (b) (7)(C)
Subject: RE: (b) (7)(E) Collapse

(b) (6), (b) (7)(C) – Do you have any photos of the fence and area of the project you can provide? Thanks.

From: (b) (6), (b) (7)(C)
Sent: Wednesday, July 30, 2014 7:37 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
Subject: (b)(7)(E) Collapse

(b) (6), (b) (7)(C) here's the location of the collapse. (b) (7)(E). If you could provide me what is required Env. Need something back ASAP.

Thank you,

(b) (6), (b) (7)(C)

Program Manager/COR, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Subject: Re: Round 5, Gap filler Plan (UNCLASSIFIED)
Date: Tuesday, November 13, 2012 7:35:10 AM

Understood. No worries. (b) (5)

----- Original Message -----

From: (b) (6), (b) (7)(C)
Sent: Tuesday, November 13, 2012 07:32 AM
To: (b) (6), (b) (7)(C)
Subject: RE: Round 5, Gap filler Plan (UNCLASSIFIED)

Sorry. (b) (5), (b)(6);(b)(7)(C)

Thanks

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Tuesday, November 13, 2012 7:29 AM
To: (b) (6), (b) (7)(C)
Subject: Re: Round 5, Gap filler Plan (UNCLASSIFIED)

(b) (5), (b)(6);(b)(7)(C)

----- Original Message -----

From: (b) (6), (b) (7)(C)
Sent: Tuesday, November 13, 2012 07:25 AM
To: (b) (6), (b) (7)(C)
Subject: RE: Round 5, Gap filler Plan (UNCLASSIFIED)

Just verifying. (b) (5)

BTW-I heard Friday that (b) (6), (b) (7)(C) is trying to get our President, (b) (6), (b) (7)(C) to attend your recognition ceremony (if his schedule allows he'll be there as well as (b) (6), (b) (7)(C)).

Thanks

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Tuesday, November 13, 2012 6:06 AM
To: (b) (6), (b) (7)(C)
Subject: Re: Round 5, Gap filler Plan (UNCLASSIFIED)

(b) (5)

----- Original Message -----

From: (b) (6), (b) (7)(C)
Sent: Monday, November 12, 2012 09:25 PM

To: (b) (6), (b) (7)(C)
Subject: FW: Round 5, Gap filler Plan (UNCLASSIFIED)

(b) (6), (b) (7)(C)

(b) (5)

Thanks

(b) (6), (b) (7)(C)

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Friday, November 09, 2012 2:08 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Re: Round 5, Gap filler Plan (UNCLASSIFIED)

(b) (5)

----- Original Message -----

From: (b) (6), (b) (7)(C)
Sent: Friday, November 09, 2012 01:24 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Round 5, Gap filler Plan (UNCLASSIFIED)

Wow!! (b) (5)

(b) (6), (b) (7)(C), CBM, PMP
Division Director, TI Division
Border Patrol Facilities and Tactical Infrastructure Program Management Office Facilities Management and
Engineering
Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Friday, November 09, 2012 1:03 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: FW: Round 5, Gap filler Plan (UNCLASSIFIED)

FYI. (b) (5)

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Friday, November 09, 2012 12:56 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6)
Subject: RE: Round 5, Gap filler Plan (UNCLASSIFIED)

(b) (6), (b) (7)(C)

(b) (6) called and advised that they just got a decision from the CO as follows:

1. Extensions can not be issued for any of the task orders.
2. All work on a work order issued under a MATOC task order must be completed, or stopped, before the expiration of the MATOC task order. It cannot proceed beyond that date.

Also, (b) (6) will be taking over on 13 Nov. (b) (6) and (b) (6) will arrange a call next Tuesday, I believe. (b) (6), (b) (6) advised that they will prepare a funds request so we can transfer funds to support the effort.

I noted the key immediate concerns as being (b) (7)(E) Fencing (expires 8 Jan 2013) and (b) (7)(E) Fencing (expires 24 Jan).

I'll be traveling to RGV Tuesday and will arrive around 11:30 am CT.

(b) (6), (b) (6)

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Friday, November 09, 2012 10:37 AM
To: (b) (6)
Cc: (b) (6), (b) (6), (b) (7)(C)
Subject: RE: Round 5, Gap filler Plan (UNCLASSIFIED)

(b) (6)

Please give me a call when you can. (b) (5), (b) (7)(E)

Thanks for the help!

(b) (6), (b) (6)

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Thursday, November 08, 2012 1:16 PM
To: (b) (6)
Subject: RE: Round 5, Gap filler Plan (UNCLASSIFIED)

(b) (6)

Please call me at (b) (6), (b) (7)(C) when you have a chance. I need an update on this. Thanks!!

(b) (6), (b) (6)

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Tuesday, November 06, 2012 5:17 PM
To: (b) (6)
Cc: (b) (6), (b) (6), (b) (7)(C), (b) (6); (b) (6), (b) (6), (b) (7)(C)
Subject: RE: Round 5, Gap filler Plan (UNCLASSIFIED)

Hi (b) (6)

Any word from Contracting?

(b) (6), (b) (6)

-----Original Message-----

From: (b) (6)
Sent: Friday, November 02, 2012 2:50 PM

To: (b) (6), (b) (7)(C) (b) (6) (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C) (b) (6)
Subject: RE: Round 5, Gap filler Plan (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

Sir,

As we previously discussed, the MATOCs that the task orders were awarded from have expired. Since they have expired, we need to have the contracting officer's approval and desired course of action before we can move forward with the extension. The fact that the MATOCs have expired is what makes this situation an exception to normal business operations.

Respectfully,
CPT (b) (6)
(b) (6)

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Friday, November 02, 2012 1:39 PM
To: (b) (6); (b) (6), (b) (7)(C) (b) (6)
Cc: (b) (6), (b) (7)(C) (b) (6)
Subject: Re: Round 5, Gap filler Plan (UNCLASSIFIED)

All,
I concur with waiting until Monday as extending the services of existing contracts is our preferred option. I do not want to delay beyond that and am somewhat perplexed why it's taking so long for the decision from Contracting. Can anyone confirm if the contracts contain the extension of services clause? I believe it is 52.217-8.

----- Original Message -----

From: (b) (6)
Sent: Friday, November 02, 2012 02:11 PM
To: (b) (6), (b) (7)(C) (b) (6) (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C) (b) (6)
Subject: RE: Round 5, Gap filler Plan (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

(b) (6), (b) (7)

I concur. We'll let you know as soon as we get a final answer from Contracting.

Thanks,

(b) (6), P.E.
Fort Worth District, USACE
(b) (6)
(b) (6) (cell)

-----Original Message-----

From: (b) (6), (b) (7)(C)

Sent: Friday, November 02, 2012 1:08 PM

To: (b) (6); (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C); (b) (6)

Subject: RE: Round 5, Gap filler Plan (UNCLASSIFIED)

(b) (6),

I just realized the same thing. I would recommend we move this meeting to late Monday, (b) (5)

(b) (6), (b) (6)

-----Original Message-----

From: (b) (6)

Sent: Friday, November 02, 2012 2:03 PM

To: (b) (6); (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

(b) (6)

Subject: RE: Round 5, Gap filler Plan (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

(b) (6), (b) (6)

Don't know if this call is still needed based on (b) (6) note below, but if you want to discuss, please provide a call-in number. Just noticed the meeting request says "telecon TBD".

Thanks,

(b) (6), P.E.

Fort Worth District, USACE

(b) (6)

(b) (6) (cell)

-----Original Message-----

From: (b) (6)

Sent: Friday, November 02, 2012 11:21 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

(b) (6)

Subject: RE: Round 5, Gap filler Plan (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

Sir,

(b) (5)

. We should have the decision no later than Monday and will execute the funds request at that time.

Do you still want to hold the teleconference at 1:00 PM CDT today?

Respectfully,

CPT (b) (6)

(b) (6)

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Thursday, November 01, 2012 5:22 PM
To: (b) (6)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Round 5, Gap filler Plan (UNCLASSIFIED)
Importance: High

Hello Capt (b) (6) and (b) (6)

(b) (6), (b) (6) and I spoke with our PROC team today and they have committed to providing us a definitive answer (b) (5)

In the meantime, (b) (5), (b) (6)

Please call (b) (6), (b) (6) or me should you have any questions.

Thank you for your continued support of our programs!

(b) (6), (b) (6)

(b) (6), (b) (7)(C)

Branch Chief - TI Division Projects, Maintenance and Repair Border Patrol Facilities and Tactical Infrastructure
Program Management Office Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

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-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Tuesday, October 30, 2012 3:22 PM
To: (b) (6)
Cc: (b) (6), (b) (7)(C) (b) (6)
Subject: Re: Round 5, Gap filler Plan (UNCLASSIFIED)

Thanks, (b) (6).

----- Original Message -----

From: (b) (6)
Sent: Tuesday, October 30, 2012 02:41 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C) (b) (6)
Subject: RE: Round 5, Gap filler Plan (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

(b) (6), (b) (7)

(b) (5)

Respectfully,

CPT (b) (6)
(b) (6)

-----Original Message-----

From: (b) (6), (b) (7)(C)

Sent: Tuesday, October 30, 2012 1:31 PM

To: (b) (6)

Cc: (b) (6), (b) (7)(C) (b) (6)

Subject: Re: Round 5, Gap filler Plan (UNCLASSIFIED)

(b) (5)

----- Original Message -----

From: (b) (6), (b) (7)(C)

Sent: Tuesday, October 30, 2012 02:29 PM

To: (b) (6)

Cc: (b) (6), (b) (7)(C) (b) (6)

Subject: Re: Round 5, Gap filler Plan (UNCLASSIFIED)

(b) (6), (b) (7) is working that thru (b) (6), (b) (7) which I'm guessing will take longer to resolve.

----- Original Message -----

From: (b) (6)

Sent: Tuesday, October 30, 2012 01:46 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C) (b) (6)

Subject: RE: Round 5, Gap filler Plan (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

(b) (6), (b) (7)

I am waiting for final word from (b) (6) on our path forward options.

(b) (5)

Respectfully,

CPT (b) (6)
(b) (6)

-----Original Message-----

From: (b) (6), (b) (7)(C)

Sent: Tuesday, October 30, 2012 12:44 PM

To: (b) (6)

Cc: (b) (6), (b) (7)(C) (b) (6)

Subject: Round 5, Gap filler Plan

(b) (6)

(b) (5), (b) (6)

Please confirm. The first planned action required funding by 1 Nov.

I'm reviewing all the spreadsheet data and will get back to you with any questions. Thanks for the huge effort in

putting it together.

(b) (6), (b) (7)(C)

Classification: UNCLASSIFIED
Caveats: NONE

Classification: UNCLASSIFIED
Caveats: NONE

Classification: UNCLASSIFIED
Caveats: NONE

Classification: UNCLASSIFIED
Caveats: NONE

Classification: UNCLASSIFIED
Caveats: NONE

Classification: UNCLASSIFIED
Caveats: NONE

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Request for Utility Provider - RGV Gates
Date: Tuesday, November 20, 2012 10:14:55 AM

(b) (6)
(b) (6), (b) (7)(C) said that the new energy company and DLA are working on modifying the contract to include this and there's no way to know when until the first bill comes. She said she would let us know anything she hears.

(b) (5)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Monday, November 19, 2012 12:00 PM
To: (b) (6), (b) (7)(C)
Subject: RE: Request for Utility Provider - RGV Gates

(b) (6), (b) (7)(C)

We have accepted the four gates in question (3 accounts), and the accounts need to be transferred to us for future utility payments. Please let me know what I may need to do to make that happen.

If you can confirm that they have been transferred, can you find out a date of transfer so I can coordinate that with the previous account holder? Thanks!

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Friday, November 02, 2012 3:31 PM
To: (b) (6), (b) (7)(C)
Subject: RE: Request for Utility Provider - RGV Gates

Hi (b) (6), (b) (7)(C)

I've forwarded your message and information to DLA. Normally it takes 10-14 days to get an account added to the contract. I will let you know if they come back to me with any additional questions.

Thanks,

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C) | (b) (6), (b) (7)(C) (o) | (b) (6), (b) (7)(C) |
US CUSTOMS AND BORDER PROTECTION | 6650 Telecom Drive, Suite 300, Indianapolis, IN 46278

From: (b) (6), (b) (7)(C)
Sent: Friday, November 02, 2012 3:25 PM

To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Request for Utility Provider - RGV Gates

(b) (6), (b) (7)(C)

I am PM for a project that is installing (b) (7)(E) gates in the new border fencing in RGV Sector. We have (b) (6) test gates that will be completed and accepted by the government by 14 November 2012. Attached is a spreadsheet showing the locations of (b) (7)(E) them that will need power provided by Constellation New Energy starting on approximately that date. I will let you know for sure which date during that week.

Currently power is being provided (b) (7)(E) by TXU Energy, but will be terminated by Weston Solutions (our contractor) on the day we accept each gate.

Subsequent gates will be installed and are scheduled to be completed between mid December and late May. I'll coordinate those with you as we get closer to those dates.

Please arrange with DLA to have power available beginning on approximately 14 November 2012, and keep me posted. I'll let you know the precise date as we get closer. Thanks much! Let me know if you need any additional info.

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), PE, PMP

Program Manager

LMI

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
To: (b) (6)
Subject: RE: Weekly Report - 14 Nov (b) (6)
Date: Thursday, November 15, 2012 6:10:00 PM

Thanks good update..

(b) (6), (b) (7)(C), CBM, PMP
Division Director, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
Sent: Thursday, November 15, 2012 9:20 AM
To: ANDERSON, ABEL
Subject: RE: Weekly Report - 14 Nov (b) (6)

(b) (5)

From: (b) (6), (b) (7)(C)
Sent: Thursday, November 15, 2012 6:36 AM
To: (b) (6)
Subject: Re: Weekly Report - 14 Nov (b) (6)

Let me know how MATOC goes. (b) (5)

(b) (6), (b) (7)(C) (b) (5)

From: (b) (6)
Sent: Wednesday, November 14, 2012 11:10 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Weekly Report - 14 Nov (b) (6)

(b) (6), (b) (7)(C)

Changes from the last update are in red.

Hot Issues

- **Renewal Contracts**
 - Twelve contracts awarded. No more contracts are to be awarded (YUM Veg/Debris is on hold).
 - ECSO can extend the following upcoming options:
 - Yuma Fence – last option will start 25 Oct

- Tucson Fence – last option will start 25 Oct
 - Yuma Roads – last option will start 23 Oct
 - Tucson Roads – last option will start 1 Nov
 - El Paso Roads – last option will start 2 Nov
 - Tucson Veg/Debris – 1st option will start 22 Nov
 - Yuma Lighting – 1st option will start 4 Nov
 - El Paso Lighting – 1st option will start 5 Nov
 - Each contract has 2 options, which each last 90 days
- ECSO exercised the last option for El Paso Fence on 4 Oct.
 - It will expire 8 Jan 2013.
 - No other contract plans exist at this time except for CTIMR, which is subject to protest.
- No MATOC capability exists for future Task Order needs, after MATOCs expire
- ECSO provided ROM estimate for WA #1, #2, #3, for new TI M&R contracts.
 - Also provided estimate for extensions, if approved by their CO.
 - We are waiting response from CO on extensions for WA#2 & #3 contracts. **Decision issued 9 Nov – no extensions allowed.**
 - Standing down on using ECSO for gap filler for WA#1.
 - Requested ECSO send funds request to FM&E for funding needed to start actions for gap fillers. They are waiting until CO responds on extensions.
 - Time’s wasting, especially for EPT and TCA Fencing!
 - ECSO sent funds request 14 Nov
 - Call scheduled for 15 Nov to discuss priorities and acq plan.
- (b)(7)(E) Bridge – Security Requirements

(b) (5)

- Span across Rio Grande has been installed, with fencing to deter pedestrian traffic.
- Completion of West Rail project is on hold, per County’s construction manager.
 - Real estate acquisition is now complete.
 - CC is waiting on a proposal from contractor to complete the project.
 - (b) (5)
 - Waiting response from CC for latest status – 14 Nov.
- (b)(7)(E) Boat Ramp
 - Revised PRD is in technical review as of 9 Oct. PRD addresses phase 1 need for surveys of river bottom, and for gradient boundary line.
 - Phase 2 PRD will be developed once scope is confirmed with Sector following receipt of survey results.
 - Sector signed PRD.
- (b)(7)(E) Roads (RGV) – MILCON
 - Participated in design kickoff meeting and site visit on (b)(7)(E) Roads in RGV on FWS property, 14 Nov
 - Visit was highly successful; FWS presented themselves as team players who were very supportive of the BP mission, although “mitigation” will still be an issue.

Major Efforts

- Contingency Contract Plans for WA#1

- Working with (b) (6), (b) (7) on backup plans for WA#1 and other areas.
- RGV Gates
 - Plan-in-hand site inspection held on (b) (7) gates for (b) (7)(E) on 25 Oct.
 - Second set of designs (b) (7)(E) may be ready to submit before Thanksgiving.
 - Final design dwgs received for 1st package (b) (7)(E)
 - Contractor trying to complete test gates but being delayed by rewiring of control panels, and late delivery on trolley items.
 - Expect acceptance ~7 Nov, and NTP for fabrication by 14 Nov.

(b) (5), (b)(6); (b)(7)(C); (b)(7)(E)

- Gate Closure Communications
 - BPFTI sent 10 landowner notice letters
 - AUSA will send out the rest, due to ongoing litigation.
- Landowner training
 - (b) (6), (b) (7)(C) developed draft training design and will edit training slides.
 - Virtual walkthru will be conducted 15 Nov with Sector T3 personnel.
- Funding Data In FITT
 - (b) (6), (b) (7)(C) updated budget data to equal funds available (b) (5)
 - I updated funds transferred area to total (b) (5) No funding currently required.

Good News

Concerns

- RGV (b)(7)(E) Highway – Fence Relocation
 - Confirmed funding available from TxDOT & CCRMA bonds; final estimate not developed yet
 - Coordination w/IBWC will start once TxDOT approves draft EA
 - CC engineer sent latest schedule & draft EA 8 Mar
 - Forwarded EA to (b) (6), (b) (7)(C) 2 Apr.
 - Received maps from CC engineer 25 Jun.
 - TXDOT (thru IBWC) provided schedule info, noting a contract letting date of Dec 2013.
- IBWC Riverside MOA & design
 - Response to BPFTI comments received
 - Some items will need to be funded by BPFTI
 - Draft MOA submitted to IBWC 15 June for review.
 - Received IBWC comments and sent CBP comments to them on 22 Oct.
 - Working IAA for guard rail and security grating over valve vault
 - USACE will initiate design – tasked to them 14 Sep.
 - Requested update 16 Oct.
 - Will contract separately from IBWC, so no IAA will be required.
- Grate Raising Winches (b)(7)(E) RGV
 - Legal advised that O&M was correct funds source. Drafted PRD
 - RE input received; requested RE and ECSO cost/schedule info 18 Oct

- ECSO continues to have trouble getting in-house engineering support.
 - ECSO PM provided estimate on 20 Jun. Will request updated estimate e to cover (b)(7)(E) grate as well.
 - Will discuss with (b)(6), (b)(7)(C) turning over PM duties for this PRD, per AAA.
 - (b)(7)(E) Grates – vegetation accumulations are resulting in high maintenance and need to raise grates and hold them open.
 - Current Hidalgo County design does not allow for holding grates open, and makes lifting grates difficult and possibly a safety concern for inexperienced workers.
 - Received test data from (b)(6), (b)(7)(C) on pins for pinning proposal 15 Oct.
 - Currently evaluating data.
 - (b)(5)
 - I'll discuss with (b)(6), (b)(7)(C) whether she wants to initiate a study.
 - CTIMR Support – Area 4
 - RGV – providing technical support for (b)(6), (b)(7)(C) on unsuitable caliche for levee maintenance, on (b)(7)(E) maintenance scope, and on lifting system for (b)(7)(E) grates.
 - Working to establish standard specification for caliche.
 - Collecting sample caliche specs & discussing issues with local supplier's engineer.
 - RGV Access Road M&R
 - Visited Sector and site with Primus & (b)(6), (b)(7)(C) & (b)(6), (b)(7)(C).
 - Prepared recommendations for M&R for CWP#2 access roads.
 - Discussions held 12 Oct with (b)(6), (b)(7)(C) to finalize task descriptions for access roads
 - Received Primus recommendations for road M&R categories for future classification of M&R.
 - (b)(5), (b)(7)(E)
 - (b)(5), (b)(7)(E)
 - Worked with (b)(6), (b)(7)(C) to clarify standards for cross slopes and aggregate thickness calculations

Deliverables

- RGV Gates IPT minutes for 7 November meeting

(b)(6), (b)(7)(C)

(b)(6), (b)(7)(C), PE, PMP

Program Manager

LMI

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

Office: (b)(6), (b)(7)(C)

Mobile: (b)(6), (b)(7)(C)

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From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Subject: RE: Round 5, Gap filler Plan (UNCLASSIFIED)
Date: Monday, November 12, 2012 11:14:59 AM
Attachments: NON-RESPONSIVE
NON-RESPONSIVE

I get in at around 12 and am staying at Embassy Suites near you. FYI, I just sent the 2 attached emails. Not sure if you can read them on BB (I'll send the separately as well). One is to (b) (6), (b) (7)(C) reminding him that we need a meeting tomorrow to pin down our plan. The other is to (b) (6), (b) (7)(C) to remind him we need to determine (b) (5)

From: (b) (6), (b) (7)(C)
Sent: Monday, November 12, 2012 11:11 AM
To: (b) (6), (b) (7)(C)
Subject: Re: Round 5, Gap filler Plan (UNCLASSIFIED)

(b) (6), (b) (7)(C)

Thanks. I know this is delicate.

(b) (5), (b) (6); (b) (7)(C)

Ok. We need to round the troop tomorrow down in RGV to discuss.

What time do you get into RGV?

I am there by 2pm and staying at the Fairfield Inn by the airport.

From: (b) (6), (b) (7)(C)
Sent: Monday, November 12, 2012 10:25 AM
To: (b) (6), (b) (7)(C)
Subject: RE: Round 5, Gap filler Plan (UNCLASSIFIED)

(b) (6), (b) (7)(C)

See below for a better understanding of what's happened the last month or so that this has been worked.

(b) (6), (b) (7)(C)

-----O e-----
From: (b) (6), (b) (7)(C)
Sent: Sunday, November 11, 2012 5:37 PM
To: (b) (6), (b) (7)(C)
Subject: Re: Round 5, Gap filler Plan (UNCLASSIFIED)

Thanks.

I have heard nothing from (b) (6), (b) (7)(C)

It begs a lot of questions.

(b) (5), (b) (6)

(b) (5), (b)(6); (b)(7)(C); (b)(7)(E)

From: (b) (6), (b) (7)(C)
Sent: Sunday, November 11, 2012 10:38 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subj: 5, Gap filler Plan (UNCLASSIFIED)

(b) (5)

(b) (5)

-----0
From: (b) (6), (b) (7)(C)
Sent: Friday, November 09, 2012 2:08 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subj: 5, Gap filler Plan (UNCLASSIFIED)

(b) (5)

From: (b) (6), (b) (7)(C)
Sent: Friday, November 09, 2012 01:24 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)

Subject: RE: Round 5, Gap filler Plan (UNCLASSIFIED)

Wow!! (b) (5)

(b) (6), (b) (7)(C) CBM, PMP
Division Director, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: November 09, 2012 1:03 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: FW: Round 5, Gap filler Plan (UNCLASSIFIED)

(b) (5)

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Friday, November 09, 2012 12:56 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6)
Subject: RE: Round 5, Gap filler Plan (UNCLASSIFIED)

(b) (6), (b) (7)(C)

(b) (6) called and advised that they just got a decision from the CO as follows:

1. Extensions can not be issued for any of the task orders.
2. All work on a work order issued under a MATOC task order must be completed, or stopped, before the expiration of the MATOC task order. It cannot proceed beyond that date.

Also, (b) (6) will be taking over on 13 Nov. (b) (6) will arrange a call next Tuesday, I believe.

(b) (6) advised that they will prepare a funds request so we can transfer funds to support the effort.

I noted the key immediate concerns as being (b) (7)(E) Fencing (expires 8 Jan 2013) and (b) (7)(E) Fencing (expires 24 Jan).

I'll be traveling to RGV Tuesday and will arrive around 11:30 am CT.

(b) (6), (b) (7)(C)

-----O

From: (b) (6), (b) (7)(C)
Sent: (b) (6)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Round 5, Gap filler Plan (UNCLASSIFIED)

(b) (6) Please give me a call when you can. (b) (5)

(b) (5), (b) (7)(E)
(b) (5) Thanks for the help!

(b) (6), (b) (7)(C)

-----O

From: (b) (6), (b) (7)(C)
Sent: Thursday, November 08, 2012 1:16 PM
To: (b) (6), (b) (7)(C)
Subject: RE: Round 5, Gap filler Plan (UNCLASSIFIED)

(b) (6)

Please call me at (b) (6), (b) (7)(C) when you have a chance. I need an update on this. Thanks!!

(b) (6), (b) (7)(C)

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: 11/02/12 5:17 PM
To: (b) (6)
(b) (6), (b) (7)(C) (b) (6)
(b) (6), (b) (7)(C) (b) (6)
Subject: RE: Round 5, Gap filler Plan (UNCLASSIFIED)

Hi (b) (6), (b) (7)(C)
Any word from Contracting?

(b) (6), (b) (7)(C)

-----O
From: (b) (6)
Sent: 11/02/12 5:17 PM
To: (b) (6), (b) (7)(C) (b) (6)
Cc: (b) (6), (b) (7)(C) (b) (6)
(b) (6)
Subject: RE: Round 5, Gap filler Plan (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

Sir,

As we previously discussed, the MATOCs that the task orders were awarded from have expired. Since they have expired, we need to have the contracting officer's approval and desired course of action before we can move forward with the extension. The fact that the MATOCs have expired is what makes this situation an exception to normal business operations.

Resp
(b) (6)
(b) (6)

-----O
From: (b) (6), (b) (7)(C)
Sent: Friday, November 02, 2012 02:11 PM
To: (b) (6); (b) (6), (b) (7)(C); (b) (6)
(b) (6), (b) (7)(C) (b) (6)
(b) (6)
Subject: Re: Round 5, Gap filler Plan (UNCLASSIFIED)

All,
I concur with waiting until Monday as extending the services of existing contracts is our preferred option. I do not want to delay beyond that and am somewhat perplexed why it's taking so long for the decision from Contracting. Can anyone confirm if the contracts contain the extension of services clause? I believe it is 52.217-8.

----- Original Message -----

From: (b) (6), (b) (7)(C)
Sent: Friday, November 02, 2012 02:11 PM
To: (b) (6), (b) (7)(C) (b) (6)
(b) (6), (b) (7)(C) (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C) (b) (6), (b) (7)(C) (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
Subject: RE: Round 5, Gap filler Plan (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

(b) (6), (b) (7)(C)

I concur. We'll let you know as soon as we get a final answer from Contracting.

Thanks,

(b) (6), (b) (7)(C) P.E.
trict, USACE
(b) (6), (b) (7)(C)
(cell)

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Friday, November 02, 2012 1:08 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C) (b) (6)
(b) (6)
Subject: RE: Round 5, Gap filler Plan (UNCLASSIFIED)

(b) (6), (b) (7)(C)
I just realized the same thing. I would recommend we move this meeting to late Monday, (b) (5)

(b) (6), (b) (7)(C)

-----Original Message-----

From: (b) (6)
Sent: 01
To: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
(b) (6), (b) (7)(C) (b) (6)
Subject: RE: Round 5, Gap filler Plan (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

(b) (6), (b) (7)(C)

Don't know if this call is still needed based on Abby's note below, but if you want to discuss, please provide a call-in number. Just noticed the meeting request says "telecon TBD".

Thanks,

(b) (6), (b) (7)(C) P.E.
trict, USACE
(b) (6), (b) (7)(C)
(cell)

-----O

From: (b) (6)
Sent: 2, 2012 11:21 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C) (b) (6)
Subject: RE: Round 5, Gap filler Plan (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

Sir,

(b) (5)

We should have the decision no later than Monday and will execute the funds request at that time.

Do you still want to hold the teleconference at 1:00 PM CDT today?

Respectfully,
CPT (b) (6)
(b) (6), (b) (7)(C)

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: (b) (6)
To: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Subject: RE: Round 5, Gap filler Plan (UNCLASSIFIED)
Importance: High

Hello Capt (b) (6) and (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C) and I spoke with our PROC team today and they have committed to providing us a definitive answer (b) (5)

(b) (5)

In the meantime, (b) (5)

(b) (5), (b) (6)

Please call (b) (6), (b) (7)(C) or me should you have any questions.

Thank you for your continued support of our programs!

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)
Branch Chief - TI Division Projects, Maintenance and Repair Border Patrol Facilities and Tactical Infrastructure Program Management Office Facilities Management Engineering
Office: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

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-----O

From: (b) (6), (b) (7)(C)
Sent: Tuesday, October 30, 2012 3:22 PM
To: (b) (6)
Cc: (b) (6), (b) (7)(C) (b) (6)
Subject: Re: Round 5, Gap filler Plan (UNCLASSIFIED)

Thanks, (b) (6), (b) (7)(C)

From: (b) (6)
Sent: Tuesday, October 30, 2012 02:41 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C) (b) (6)
Subj filler Plan (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

(b) (6), (b) (7)(C)

(b) (5)

Resp
C (b) (6)
(b) (6), (b) (7)(C)

-----O

From: (b) (6), (b) (7)(C)
Sent: (b) (6)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C) (b) (6)
Subj filler Plan (UNCLASSIFIED)

(b) (5)

From: (b) (6), (b) (7)(C)

Sent

To: (b) (6)

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Subject: Re: Round 5, Gap filler Plan (UNCLASSIFIED)

(b) (6), (b) (7)(C) is working that thru (b) (6), (b) (7)(C) which I'm guessing will take longer to resolve.

From: (b) (6), (b) (7)(C)

Sent: Tuesday, October 30, 2012 01:46 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

(b) (6)

Subject: RE: Round 5, Gap filler Plan (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

(b) (6), (b) (7)(C)

I am waiting for final word from (b) (6), (b) (7)(C) on our path forward options.

(b) (5)

Resp

C (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

-----O

From: (b) (6), (b) (7)(C)

Sent: 12/12/12 12:44 PM

To: (b) (6)

Cc: (b) (6), (b) (7)(C)

(b) (6)

Subject: Round 5, Gap filler Plan

(b) (6), (b) (7)(C)

(b) (5)

(b) (5)

confirm. The first planned action required funding by 1 Nov. Please

I'm reviewing all the spreadsheet data and will get back to you with any questions. Thanks for the huge effort in putting it together.

(b) (6), (b) (7)(C)

Classification: UNCLASSIFIED

Caveats: NONE

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: FW: Funds Request, EPT Fence M&R, Gap Filler
Date: Monday, November 26, 2012 6:45:11 PM
Attachments: [TI Funds Request - Border Fence M&R, El Paso Sector 11-26-2012.doc](#)
[STATEMENT OF WORK ELP FENCING 11-24-2012.doc](#)
[El Paso Sector Fence Maintenance Appendices.pdf](#)
[IGCE EPT Fence 11-24-2012.xls](#)
[Sole Source Justification Document - EPT Fencing 11-26-2012.doc](#)

Hi (b) (6), (b) (7)(C)

Attached is a funds request for EPT Fence M&R, Gap Filler for your review and approval. Please let me know if you have any question.



(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Monday, November 26, 2012 12:01 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Funds Request, EPT Fence M&R, Gap Filler

(b) (6), (b) (7)(C),

Attached is a funds request for \$133,000 and the procurement package for this requirement. The existing USACE contract runs out on 8 January 2013 and we're working with CBP contracting to get an urgent replacement contract. Thanks for the help.

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), PE, PMP
Program Manager
LMI
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
*"Excel as a trusted strategic partner enhancing
Border Patrol's proud legacy"*

Tactical Infrastructure Funds Request

Completed by Division Staff / Project Management	
Complete and submit the Funds Request (FR) form to the Financial Officer for review, revision, and/or approval. Please include the Statement of Work (SOW) and/or Statement of Objectives (SOO); Independent Government Cost Estimate (IGCE), USACE Funds Management Form, and/or Cost Estimation Form (CE); and Approved Change Request (CR) and/or Project Requirement Document (PRD).	
Date:	November 26, 2012
Subject Matter:	BORDER FENCE MAINTENANCE AND REPAIR, EL PASO SECTOR BORDER PATROL
Originator Information: (Name, Title, Phone Number)	(b) (6), (b) (7)(C) PM/COR El Paso Sector DHS/CBP FM&E BPFTI-Tactical Infrastructure Cell: (b) (6), (b) (7)(C) Email: (b) (6), (b) (7)(C)
Funds Request Amount:	\$133,000.00
Contract Type: (RWA or Procurement)	Firm Fixed
Summary (Provide a brief description of what the funds are being used for): To provide border fence maintenance and repair support along Tactical Infrastructure in Texas and New Mexico (El Paso Sector). Request funding to allow award of a short term contract. The current contract thru ECSO expires on 8 January 2013, and a new contract is not expected to be awarded until late January. This is a critical requirement that needs to be executed ASAP so a contractor can be fully mobilized by 8 January to prevent a CRITICAL gap in mission essential service for El Paso Sector. The funds identified are based on a sole source procurement to the current contractor using the pricing schedule from the current contract.	
Completed by Financial Officer	
Funds Availability	
Amount:	
Fund:	
Fund Center:	
Functional Area:	
Object Class Distribution:	
Z-Code/Order:	
PR#	
Date Entered into SAP	
Required Approvals	

TI Division Director:	Name	Date
Financial Management Branch Chief:	Name	Date

**STATEMENT OF WORK (SOW)
BORDER FENCE MAINTENANCE AND REPAIR
EL PASO SECTOR BORDER PATROL**



**Facilities Management & Engineering Tactical Infrastructure
Comprehensive Tactical Infrastructure Maintenance and
Repair (CTIMR)**

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1.0 BACKGROUND:

The United States Customs and Border Protection (CBP) is an agency of the Department of Homeland Security (DHS) responsible for Section 102 of the Secure Fence Act. CBP/FM&E is tasked with constructing in the most expeditious manner possible the infrastructure necessary to deter and prevent illegal entry on the Southwest Border. FM&E was established to acquire, maintain, and sustain all Tactical Infrastructure. This program will develop and install physical components consisting of roads, bridges, pedestrian and vehicle fencing, and lighting; designed to consistently slow, delay, and act as persistent impedance to illicit cross-border activity. Gaining effective control of our Nation's borders is a critical component of national security.

2.0 SCOPE:

The contractor shall provide mission essential maintenance and repair of fencing and gates as well as have the capability to respond to short notice, to perform unexpected repairs across the entire area for El Paso Sector. The contractor is responsible for providing adequate manpower, vehicles, tools, fuels, power sources, and all repair items needed to maintain rapid response and repair time. Additionally, the contractor shall be required to take "before" and "after" photographs of the repair, have a Global Positioning System (GPS), to locate and report damage, and radio or other communication equipment to stay in contact with the Border Patrol and dispatch. The contractor shall utilize the Tactical Infrastructure Project Office (TIPO) database to input repair and maintenance data on all projects.

3.0 DOCUMENTS:

The contractor shall comply with all applicable Federal, State, International Boundary and Water Commission (IBWC) regulations, local, and Native American Nation Laws, regulations, policies and other requirements while executing the SOW requirements

3.1 APPLICABLE DOCUMENTS:

- Occupational Safety and Health Manual Regulations (OSHA)
- Code of Federal Regulations, Title 29, Part 1926 – Safety and Health Regulations for Construction and Engineering Manual, US Army Corps of Engineers (USACE) Engineering Manual (EM) 385-1-1 (November 2003)
- Code of Federal Regulations, Title 49, Part 105- Hazardous Materials Program Definitions and General Procedures

Concrete/Steel:

- American Concrete Institute (ACI) Manual of Concrete Practice, dated 2009
- American Institute of Steel Construction (AISC), Steel Construction Manual, 13th Edition
- American Welding Society Standards and Specifications (AWS)
- American Society for Testing and Materials (ASTM) Standards

Environmental:

- Code of Federal Regulations, Title 40, Part 122.26, Storm Water Discharges (for Storm Water Pollution Prevention Plans)
- National Environmental Policy Act (NEPA)
- DHS MD 023.1 Environmental Planning Program
- DHS MD 023.2 Environmental Compliance
- DHS MD 025.01 Sustainable Practices for Environmental, Energy and Transportation Management
- Code of Federal Regulations, Title 40: Protection of the Environment, Chapter I -- Environmental Protection Agency
- Subchapter A -- General (Parts 1 - 29)
- Subchapter C -- Air Programs (Parts 50 - 99)
- Subchapter D -- Water Programs (Parts 100 - 149)
- Subchapter E -- Pesticide Programs (Parts 150 - 189)
- Subchapter G -- Noise Abatement Programs (Parts 201 - 211)
- Subchapter I -- Solid Wastes (Parts 239 - 282)
- Subchapter J -- Superfund, Emergency Planning, and Community Right-to-Know Programs (Parts 300 - 399)
- Subchapter Q -- Energy Policy (Parts 600 - 699)
- Subchapter R -- Toxic Substances Control Act (Parts 700 - 799)
- Subchapter U -- Air Pollution Controls (Parts 1027 - 1074)
- Approved State Hazardous Waste Management Programs:
 - 272 CFR 1601 New Mexico
 - 272 CFR 2201 Texas
- Code of Federal Regulations Title 40: Council on Environmental Quality (Parts 1500-1508)

Building/Construction Codes:

- International Building Code (IBC), Revised 2006
- New Mexico
- New Mexico Building Code 2006 (IBC 2006)
- New Mexico Electrical Code 2005 (NEC 2005)
- Texas
- Texas Department of Transportation Bridge Inspection Manual, Revised July 2002

Applicable City, Local, Native American Nation, and County Codes

4.0 SPECIFIC TASKS:

The contractor shall perform all tasks associated within this SOW as specified. The Government requires maintenance, repair, and improvement support in: 1) Fence and Gates. The work required to support the TI varies based primarily on the inventory quantities for each work category, the number and type of intrusions, time of year (variances in illegal border traffic fluctuate with the time of year), economic conditions, weather events, and location. There is typically a higher frequency of damage in and around the more urbanized areas. Also, the Contractor will be required to develop the

appropriate work plan, which will be the basis for routine maintenance and repair; and must collect, store, and report certain data into an automated system for use by the Government. The Contractor shall provide all labor, materials, equipment, supplies, transportation, permits, and fees necessary to perform all work described below in compliance with the terms and conditions of this contract.

Work to be performed as part of this contract is divided into two work classifications. The Government will classify work as urgent or routine. M&R work to be performed is defined as:

- Urgent – All work requirements resulting from willful or other destruction, a natural event such as severe weather or premature failure of the TI asset, and an immediate M&R response is necessary to support the mission requirements.
- Routine – All non-urgent work requirements that can be planned or scheduled at a designated frequency.

During urgent servicing, the Contractor shall provide service to restore TI condition to its pre-damage state. It is anticipated that almost all urgent work requirements will be for breaches for fences and gates and will be done during day light hours. However, based on mission requirements, the Contracting Officer’s Technical Representative (COTR) may direct the Contractor to perform a limited amount of urgent work at night. Table 1 provides typical urgent service response and completion times. The COTR will set the time to start and completion of the repair will be based on the severity and location of the urgent service.

Table 1. Typical Urgent Services Support Times

Contractor acceptance	Government prescribed time to start and finish	Notification of completion time
(b) (7) (E)		
<p>^a Both response and completion times begin at the time of notification (or identification).</p> <p>^b Mobilization Response is when the Contractor verbalizes to the COTR the plan of action to complete the urgent repair, including justification for any time needed outside of the Government prescribed times. Exceptions are made only by the COTR.</p> <p>^c Completion is when the work is done and conditions are restored back to pre-damage conditions. (b) (7)(E)</p> <p>(b) (7)(E)</p>		

The Government shall have the primary TI inspection responsibility to identify work requirements. The Contractor shall report to the Government any work requirements that it observes while performing maintenance, repair, or improvement activities. Also, the Government may require the Contractor to formally survey and inspect select TI on a periodic basis.

4.1 Description of Work

4.1.1 Fence and Gates

- There are two general types of fencing: pedestrian and vehicle fencing. Each fence type has several different designs (e.g., for pedestrian fence, there is chain link, wire mesh, landing mat, bollards, and other designs). Many fence segments and roads have gates that will also require periodic M&R. The gates are manually, mechanically, and electromechanically-operated types.
- Damage to fencing can be caused by two elements: natural and manmade. Natural elements refer to the forces of nature that will act upon the fencing and include corrosion, erosion, water pooling, sand drifting, debris build-up, wind loading, temperature change (i.e., thermal expansion and contraction cycles that may create cracks) and ground shift. The manmade element refers to damage made by vandalism and includes, but may not be limited to, the following attack/defeat vectors: cutting, burrowing below, climbing, prying/twisting, disassembly, ramming, bridging, pulling down, graffiti, cryogenic and fire/heating/burning. Fence segments have varying levels of susceptibility to the aforementioned damage elements depending on design and location.
- The Contractor, at a minimum, shall perform the following types of work as directed by the COTR:
 - Making repairs that restore the structural integrity to pre-damage state, are tamper proof, and do not change the design
 - Fixing damage caused by burrowing, water, and wind erosion
 - Fixing damage to fence foundations and all erosion control elements
 - Relocating fence sections that are specially designed to work on shifting sands
 - Repositioning movable fence segments that have concrete bases and set on top of the ground
 - Preparing the fence for potential floods by taking preventative actions such as removing and storing fence panels, and then reinstalling them
 - Moving and storing fence panels so levee and other work can be performed and then reinstalling them.
 - The structural integrity of the repaired fence and/or gates shall be equal to or greater than the integrity of the fence and/or gate before it was damaged.
 - All repairs shall be tamper proof.
 - All repairs shall be completed with proper consideration to aesthetics. (i.e. fence repairs shall be completed with matching materials to the surrounding fence, unless otherwise approved by COTR.)
 - Repairs shall not change the fence or gate design, unless otherwise approved by COTR.
 - All repairs shall blend into the surrounding existing fence or gate to the greatest extent possible.
 - The Contractor shall be available to make repairs seven days a week during daylight hours throughout the duration of the contract.

- The Contractor shall comply with applicable federal, state, local laws and regulations in the performance of ground, air, or sea transportation activities required under this contract, to include any requirements of airports or seaports relative to identification, security badges, etc.
- Each crew must have decimal degree GPS capability that is compatible with the local Border Patrol.
- Housekeeping: All areas where work is performed will be cleaned up of construction debris and trash and hauled off upon completion at each repair location.

4.2 SAFETY

The following precautions shall be taken during repair:

- All maintenance teams shall consist of at least two people.
- All maintenance shall be conducted during daylight hours.
- The Contractor shall notify the local Border Patrol Station of their intent to approach and depart the maintenance areas.
- The Contractor shall use vehicles marked with company logo, name, or some other indication that the vehicle is part of on-going maintenance activities. Each vehicle shall also bear signage identifying it as a “CBP Contractor”. Such marking(s) shall be readily visible from outside the cab and shall be used by the Contractor on all vehicles and throughout the duration of the contract to the greatest extent possible.
- Each crew shall have the ability to communicate with their management at all times.

4.2.1 FOR EMERGENCY CIRCUMSTANCES ONLY

The Contractor shall provide the names, job titles, and contact information, to include telephone numbers (business, cell phones, facsimile, pager numbers, etc.) of a senior manager within the Contractor’s organization, and a minimum of one similarly qualified alternate, available on a 24-hour, 7 days-a-week basis, to serve as continuously available liaison with CBP. The Contractor shall submit the above information to the Contracting Officer by email within two calendar days following receipt of the Task Order award. During the contract period, the Contracting Officer and the Contracting Officers Technical Representative (COTR) shall be notified immediately, by email, of any changes regarding the designated liaisons.

4.2.1.1 ACCIDENT REPORTING

The Contractor shall inform Border Patrol and the COTR as soon as practical, but not later than four hours after any accident that involves Border Patrol personnel or property, the necessity of EMS, media involvement or any damage to private property adjacent to the work area.

4.3 Kick-Off Meeting

The Contractor shall meet with the government for a post-award coordination conference at a time and location that will be determined after contract award. Maintenance work will not proceed until after the post-award coordination conference has been held, and Environmental Compliance Plan have been accepted, and the Notice to Proceed has been received and acknowledged by the Contractor

A monthly progress and issue resolution meeting shall occur between the Contractor and the COTR. This meeting will be at a location, date and time as directed by the COTR. Notice to Proceed (NTP) will be issued after the Contractor provides the Payment and Performance Bonds.

Beginning on the date of Notice to Proceed (NTP) on this Task Order, the Contractor shall be continuously available via e-mail or telephone to the CBP representatives for receipt of new repair information, response to requests for information, discussion of contract performance, and other contract administration activities such as billing or payment, etc.

4.4 INSPECTION AND ACCEPTANCE

1. The Contractor shall (a) control the quality of supplies used under this contract; (b) ensure that vendors or suppliers of raw materials, parts, components, etc., have an acceptable quality control system; and (c) maintain substantiating evidence that the supplies or services conform to contract quality requirements and furnish such information to CBP as required.
2. The Contractor shall maintain records throughout the term of this contract and until completion, acceptance and final payment by CBP, in order to substantiate that all materials used to repair fence damage meets the requirements of this Task Order. At any time during the term of this contract and until completion of, acceptance and payment of all supplies ordered under this contract, the Contracting Officer may request the Contractor provide copies of this data on any or all material subcontractors. When requested, the Contractor shall provide this data within six (6) hours by email. Any deviation to these requirements must be authorized in writing by the Contracting Officer.
3. CBP will accept repairs upon inspection by an authorized Government official. The COTR will coordinate inspections with local Border Patrol. The COTR will notify the Contractor if the repair is not acceptable.
4. Gate Testing and Acceptance for repair or replacement of gate(s). As part of the acceptance inspections, all gates shall be tested and demonstrated to operate per the contract specifications, including manually, for acceptance. The operations manual shall be available and followed to demonstrate safe operations.

4.5 PERFORMANCE

- Gate Maintenance: Gate maintenance will be conducted in accordance with Gate Manuals found in the appendices of this SOW
- Gate maintenance shall be conducted monthly unless the maintenance manual prescribes an alternate maintenance schedule.
- A gate maintenance log shall be maintained throughout the Task Order period of performance.
- The gate maintenance log shall be organized in a manner so that it can be easily determined that each maintenance task was performed on each gate during each maintenance period.
- The updated maintenance log shall be submitted electronically to the COTR each month after maintenance occurs.
- The final maintenance log shall be electronically submitted to CBP at the completion of the contract.
- At least one week prior to monthly gate maintenance, the Contractor shall notify the COTR of the location, nature of work and estimated start and completion dates.

Immediately upon contract award, the COTR and the Contractor will determine a time(s) for damage notification report(s). This report may happen via email, phone call, or web-based reporting system at the COTR's discretion. The COTR will notify the Contractor of new damages in need of repair. All damage reports will be accompanied with the following information:

- Decimal degree GPS coordinates or other suitable damage location information
- Type of fence
- Description and extent of damage
- Sector
- Station

❖NOTE: The primary method of identifying damage locations shall be via GPS coordinates. In the rare event that decimal degree GPS coordinates are not available, the damage location may be given in another suitable format.

❖NOTE: Contractor shall utilize the government web based program, called the Fence Breach Module (FBM), for all breach reporting activities.

(b) (7)(E)

Based upon the extent of damage, additional repair time may be granted by the COTR. Damage repair shall meet the following standards:

General Repair Notes

- NOTE: At anytime during the performance of the Task Order, the COTR may prioritize the order in which needed repairs shall be completed.

1. Gate Maintenance

- Gate maintenance shall be conducted monthly unless the maintenance manual prescribes an alternate maintenance schedule.
- A gate maintenance log shall be maintained throughout the Task Order period of performance.
- The gate maintenance log shall be organized in a manner so that it can be easily determined that each maintenance task was performed on each gate during each maintenance period.
- The updated maintenance log shall be submitted electronically to the COTR each month after maintenance occurs.
- The final maintenance log shall be electronically submitted to CBP at the completion of the contract.

4.6 GENERAL NOTES ON MAINTENANCE TASKS

- Refer to the work requirements listing by CLIN in Appendix J for additional criteria pertaining to the maintenance tasks.
- Caution shall be exercised during the execution of this task as to not damage existing items within the project limits, along access roads, and within the staging areas. Any damage incurred by the Contractor's activities during maintenance activities shall be repaired by the Contractor at no cost to the Government. Repairs are to be completed to an equal or better than original condition.
- The Contractor shall ensure, to the extent possible, that the patrol road is not blocked due to maintenance activities. The contractor shall ensure that the integrity of the patrol road remains passable for Border Patrol vehicles.
- All excess material shall be hauled off site and disposed of at the end of each workday or at the completion of work at that site. Materials shall be disposed of off government property in a state certified landfill, unless approved otherwise by the Contracting Officer. The Contractor shall provide all applicable licensing and/or permits for hauling and disposal of excess materials. The Contractor shall supply a copy of application and permit records to the Contracting Officer as soon as each application is made and permit received.

4.7 RELEASE of INFORMATION

Neither the Contractor, nor the Contractor's representatives, shall release any report, data, specification, photograph, cost estimate, nor other information in any form obtained or prepared under this contract without prior written approval of the Contracting Officer.

5.0 DELIVERABLES AND DELIVERY SCHEDULE

Fence Inspections:

A. The Contractor may inspect the fence within the Station in which they are already conducting a repair. Any breaches may be reported to the COTR and the COTR may or may not give the Contractor authorization to repair any additional breaches that were identified during the Contractor's inspection. Inspection time will not be compensated and inspections are not mandatory.

B. Repair Report:

The following information must be provided to CBP via email to (b) (7)(E) or to the web-based system at the direction of the COTR no later than 72 hours after the completion of a repair:

A completed repair report (Report is provided as Appendix II to this RFP) or equivalent web-based report at the decision of the COTR.

A digital picture of the fence damage before and after repair.

•NOTE:

All digital pictures shall be taken with a digital camera with GPS capabilities to collect field photos. The cameras shall have the following capabilities: 3.24 Mega pixels, 3X optical zoom, and a Compact Flash, WASS enabled GPS card. The GPS coordinates and the date shall be displayed on each photograph submitted to CBP.

•Repair Rights: The US Border Patrol reserves the right to make repairs to fence in any situation where operations require a more timely response to a breach.

C. FINAL CLEANING

The site shall have waste, surplus materials and rubbish removed. The project area shall have temporary structures, barricades, project signs, and maintenance facilities removed. A list of completed clean-up items shall be submitted on the day of final inspection.

6.0 GOVERNMENT_FURNISHED EQUIPMENT AND INFORMATION (NOT USED)

7.0 PLACE OF PERFORMANCE

All work, including fence maintenance, staging, hauling, ingress and egress, shall be limited to areas of Government owned property, areas the Government has obtained easements, and areas the Government has agreements with the landowner. Access Roads are depicted on the figures located in Appendix I. CBP will identify the project corridor, staging area and ingress/egress limits upon award of the contract. Additionally, the Contractor shall not enter Mexican land or airspace with personnel or equipment. The

Contractor shall ensure all materials, equipment, vehicles, personnel and any other maintenance related items and/or activities be contained within the work limits.

8.0 PERIOD OF PERFORMANCE

- a. The contract resulting from this SOW will have a period of performance of approximately 31 days, lasting from 9 January 2013 to 8 February, 2013. A current contract for these services expires on 8 January 2013. The contractor must be fully mobilized and ready to start receiving work, for performance within 24 hours, beginning on 9 January 2013.
- b. Gate Maintenance: Gate maintenance will be conducted in accordance with the Gate manuals found in the appendices of this SOW.

9.0 SECURITY

This work shall be considered unclassified. It shall be the Contractor's responsibility to furnish security for personnel and to safeguard material, equipment, etc. as the need is determined by the Contractor. This will include but not limited to actual project sites, and/or staging areas and storage facilities. The Contractor's security provider shall be licensed in the state in which they are working.

The Customs and Border Patrol will not provide security for the contractor. The Border Patrol agents shall respond to security matters/threats if and when they occur. Both the Contractor and Border Patrol shall provide phone numbers to be used in emergency situations. As a part of the security requirement, the Contractor shall be responsible for the development of a Security Plan in conjunction with the Health and Safety Plan. The detailed Security Plan shall include details such as, but not limited to; "fall back positions", evacuation routines and methods, muster area, medical staff members/availability, number of security personnel, qualifications, years of experience, etc. in the event of a hostile attack. This plan shall be reviewed by CBP for inspection and final acceptance prior to activities. The Contractor shall bring three (3) copies of the security plan to the post-award coordination conference.

The contractor shall also be responsible for ensure that all employees assigned to the job site(s) shall have a criminal background check performed and properly vetted. (b) (7)(E)

(b) (7)(E)

(b) (7)(E)

Furthermore, the contractor
quired at the jobsites for

verification by CBP prior to conducting activities. Activities include, but are not limited to; site investigations, surveys, and construction. Any personnel having questionable history/backgrounds shall be rejected and not authorized to enter the jobsite. This list

marked "CONFIDENTIAL" shall be submitted to the Contracting Officer for validation purposes. Personnel entering in or working on Federal property may be screened and checked for criminal history and proper immigration status. To facilitate the screening and checking of each employee entering in or working on Federal property, the General Contractor shall submit:

- a. The individual's full name
- b. Company Name
- c. Date of Birth (DOB)
- d. Social Security Number
- e. Driver's Licenses and/or State Identification Number
- f. Place of Birth (POB)

After submission of requirements stated above, the Contractor shall proceed with all work unless further notified by the Government. Employee Identification Badges: Contractor personnel shall wear visible Contractor-furnished employee identification badges while physically on the construction site. Each badge shall include, as a minimum,

(b) (7)(E)

10.0 SPECIAL CONSIDERATIONS

ENVIRONMENTAL COMPLIANCE

CBP is committed to responsible environmental stewardship. For each type of tactical infrastructure (TI) described in this contract the Contractor's maintenance and repair activities will likely trigger environmental compliance obligations, Contractor will therefore be required to carry out assigned tasks in conformance with applicable federal, state and local environmental laws, regulations, and CBP and DHS environmental policies. Contractor shall be required to comply with all applicable environmental, transportation, and safety laws and regulations. The Contractor shall be responsible for demonstrating compliance with the regulations applicable to the work location. If required by law, regulation or policy the Contractor shall obtain appropriate permits. DHS has made commitments to the public, Congress, and state and federal resource agencies regarding environmental stewardship. These commitments may be set forth in the National Environmental Policy Act (NEPA) documents or Environmental Stewardship Plans (ESP) that were prepared for each TI segment. In most instances these commitments remain applicable for as long as DHS operates and maintains the TI. Such commitments include mitigation measures that are tailored to specific locations and best management practices (BMPs) that apply to any and all maintenance activities. Specific examples of mitigation measures include cleaning up spills, dust suppression, and restoring damaged land outside the approved project corridor. Specific BMPs include limited travel speeds; collecting and properly disposing all wastes including concrete wash water; using drip pans on motorized equipment; keeping all activities within

approved project corridor limits; properly flagging the site perimeter; controlling soil erosion; protecting endangered species and cultural sites; and reporting environmental incidents.

The Contractor shall be familiar with and conform to the environmental commitments outlined in CBP NEPA documents and ESPs. The ESP documents can be found at the following website: <http://www.borderfenceplanning.com/>. Further information concerning the CBP NEPA documents and specific mitigation measures or BMPs that will be applicable to specific TI segments will be determined during the liaison between the Contractor and the Sector.

BEST MANAGEMENT PRACTICES

The Contractor shall implement all BMPs as outlined below. All BMPs shall be incorporated into the Contractor's Environmental Compliance Plan. As needed, depending on the maintenance/repair activity, environmental monitors, including cultural resource monitors and biological monitors, may be furnished by the Government at no cost to the Contractor to audit conformance with the BMPs during maintenance activities. The Contractor may be responsible for costs incurred to remediate or mitigate any environmental damage failure to comply and implement these BMPs. resulting from the contractor's

The following BMPs shall be implemented as standard operating procedures during all maintenance/repair activities:

- A. To minimize potential impacts from hazardous and regulated materials all petroleum, oils, lubricants, and solvents shall be stored in secondarily contained tanks or containers capable of containing the volume of the largest container stored therein. Mobile fueling vehicles and tanks shall be stored within secondary containment when not in the process of moving to a destination or actively fueling equipment. The refueling of machinery shall be completed following accepted guidelines including secondary containment, and all vehicles shall have drip pans during storage to contain minor spills and drips. No refueling or storage shall take place within 100 feet of a drainage channel or structure. All materials contaminated during fueling operations shall be contained, removed from the site, and properly managed. All compressed gas cylinders shall be stored in accordance with applicable OSHA standards.
- B. All POL spills and releases shall be contained and contaminated media including response materials shall be removed and properly characterized, stored and disposed off-site. All maintenance shall follow DHS management directives 023.02 (*Environmental Compliance Program*) and 025.01 (*Sustainable Practices for Environmental, Energy and Transportation Management*) for waste management.
- C. Proper handling, storage, and/or disposal of hazardous and/or regulated materials. All waste oil and solvents shall be recycled. All non-recyclable hazardous and regulated wastes shall be collected, characterized, labeled, stored, transported, and disposed of in accordance with all Federal, state, and local regulations, including proper waste manifesting procedures. The Contractor shall be the legal generator and owner of all waste generated during the maintenance activities. Should the

- hazardous waste be generated, the Contractor shall arrange for proper on-site waste management and disposal and shall sign the waste disposal manifests.
- D. Solid waste receptacles shall be maintained at staging areas, work camps, bivouacs, and work sites. Non-hazardous solid waste (trash and waste construction materials) shall be collected and deposited in on-site receptacles. All solid waste shall be properly managed while on-site, removed from the site, and properly disposed. The Contractor shall clean the site after each work day, collecting solid waste and placing it in proper containers, and preventing solid waste from impacting the environment.
- E. Waste materials and other discarded materials will be removed from the site as quickly as possible. Nonhazardous waste materials and other discarded materials such as construction waste will be contained until removed from site. The project area will be kept free of litter and maintenance debris.
- F. All food related trash items such as wrappers, cans, bottles, and food scraps, will be disposed of in closed containers and removed from the project site at the end of each work day. The Contractor shall police the site daily while on-site work is being performed.
- G. Waste water (water used for project purposes that is contaminated with maintenance/repair materials, was used for cleaning equipment and thus carries oils or other toxic materials or other contaminants) shall be stored in closed containers on site until removed for disposal. Concrete wash water will not be dumped on the ground, but will be collected in approved lined pits and properly moved offsite for disposal. Any concrete wash water spill will be cleaned up immediately. All waste water captured in the secondary containment systems shall be properly containerized, analyzed, managed and disposed. No waste water that has been in contact with POL shall be disposed of on-site.
- H. Access to the project site will be specifically designated and approved by the government. All access routes into and out of the project area will be flagged, and no travel outside those boundaries will be authorized.
- I. New roads will not be created without specific written direction/approval from the government.
- J. No pets owned or under the care of the maintenance contractor or any and all maintenance workers will be permitted inside the project boundaries, adjacent native habitats, or other associated work areas. This BMP does not apply to any animals under service to the USBP (such as canine and horse patrols).
- K. The Contractor shall create and maintain a fire suppression and response plan and shall also coordinate with the applicable federal land manager (BLM, NPS, USFWS, etc.) regarding their wildfire management plan. The Contractor shall incorporate the federal land manager wildfire management procedures into his fire suppression and response plan to prevent wildfires and ensure the safety of workers in the event of a wildfire.
- L. Materials such as gravel or topsoil will be obtained from existing developed or previously used sources not from undisturbed areas adjacent to the project area.
- M. Transmission of disease vectors and invasive non-native aquatic species can occur if vehicles cross infected or infested streams or other waters and water or mud

- remains on the vehicle. If these vehicles subsequently cross or enter uninfected or non-infested waters, the disease or invasive species may be introduced to the new area. To prevent this, crossing of streams or marsh areas with flowing or standing water will be avoided, and if not, the vehicle will be sprayed with a 10% bleach solution or allowed to dry completely to kill any organisms.
- N. Fill material, if required, brought in from outside the project area will be identified as to source location and will be weed free to the extent practicable.
- O. The U.S. Fish and Wildlife Service (USFWS) lists federally protected species with the potential of occurring in every county. It is the Contractor's responsibility to be aware of these species and if any of these species are encountered the Contractor shall take appropriate measures, including temporarily suspending work and notifying the contracting officer or COR, to protect each species.
- P. All contract personnel must receive a minimum 2 hour environmental awareness training short course regarding sensitive resources in the project area as approved by the COR prior to access to the site. The contractor will be responsible for ensuring that the Contractor's employees are aware of the listed species and other sensitive natural and cultural resources in the project area.
- Q. Water for use during maintenance activities shall be from wells or irrigation water sources at the discretion of the landowner (depending on water rights). In certain areas, pumping of groundwater from local wells may not be appropriate due to adverse effect to aquatic, marsh, or riparian dwelling federally protected species. In these cases, treated water from outside the immediate area will be utilized by the Contractor.
- R. Surface water from aquatic or marsh habitats will not be used for maintenance purposes if that water source supports aquatic federally protected species or if it contains non-native invasive species or disease vectors and there is any opportunity to contaminate a federally protected species habitat through use of the water at the project site.
- S. Surface water from untreated sources, including water used for irrigation purposes, will not be used for maintenance projects located within one mile of aquatic habitat for federally protected aquatic species. Groundwater or surface water from a treated municipal source will be used when close to such habitats. This is to prevent the transfer of invasive animals or disease pathogens between habitats if water on the maintenance site was to reach the federally protected species habitats.
- T. Water storage on the project area should be in closed on-ground containers located on upland areas not in washes.
- U. For purposes of maintenance, infrastructure sites shall only be accessed using designated, existing roads. Parking will be in designated disturbed areas. This should limit the development of multiple trails to such sites and reduce the effects to federally protected species habitat in the vicinity.
- V. Border monuments shall be protected from damage. Any damage caused to the monuments by the Contractor's action or lack of action shall be addressed at the Contractor's expense.
- W. To prevent entrapment of wildlife species during the project, all excavated, steep-walled holes or trenches will either be covered at the close of each working day

- by plywood or provided with one or more escape ramps constructed of earth fill or wooden planks. The ramps will be located at no greater than 1,000-foot intervals and will be sloped less than 45 degrees. Each morning before the start of maintenance activities and before such holes or trenches are filled, they will be thoroughly inspected for trapped animals.
- X. To prevent entrapment of wildlife species during placement of vertical posts/bollards, all vertical fence posts/bollards that are hollow (i.e., those that will be filled with a reinforcing material such as concrete), shall be covered so as to prevent wildlife from entrapment. Covers will be deployed from the time the posts or hollow bollards are erected to the time they are filled with reinforcing material.
- Y. Speed limits will not exceed 35 miles per hour on major unpaved roads (graded with ditches on both sides) and 25 miles per hour on all other unpaved roads. Night time travel speeds will not exceed 25 mph, and may be less based on visibility and other safety considerations.
- Z. Short term noise impacts are anticipated with specific maintenance activities. All Occupational Safety and Health Administration requirements shall be followed. Maintenance equipment shall possess properly working mufflers and shall be kept properly tuned to reduce backfires.
- AA. Noise levels for maintenance activities should be minimized. All generators should be in baffle boxes (a sound-resistant box that is placed over or around a generator), have an attached muffler, or use other noise-abatement methods in accordance with industry standards.

APPENDICES:

Appendix A – List of Gates

Appendix B – Slide Gate Maintenance for El Paso Sector

Appendix C – Not used

Appendix D – Swing Gate Maintenance for El Paso Sector

Appendix E – Not used

Appendix F – Not used

Appendix G – K-1C Retrofit Manual Gate Operator

Appendix H – Photos

Appendix I – Maps

Appendix J – CLIN Work Requirements

Appendix J – CLIN Work Requirements

(CLIN 0004, 009) LINEAR CUTS Linear cuts are typically six feet in length. The total length is arrived at by adding the length of each cut (e.g., a linear cut can be a six foot length straight cut, an L-shaped cut with each leg being three feet in length, a three-sided “hinged door” cut with each cut measuring two feet in length, etc.)

(CLIN 0001-0005) EXPANDED METAL Repair will be accomplished by welding the existing panel back in place. All contact points will be welded. If replacement material is required, it will match existing fence material and will be welded at all contact points; overlap is acceptable, but use of flat bars to frame the repair is not acceptable. If the damage is a cut on three sides or less, repair will be made by welding the contact points all along the cut(s); payment will be made under the appropriate “Linear Cuts” CLIN.

(CLIN 0004, 0011) WELD REPAIR Welding in accordance with the line item description.

(CLIN 0006 - 0009) DOUBLE PLY WIRE MESH Cut out damaged area (b) (7)(E)

[REDACTED]; payment will be made under the appropriate “Linear Cuts” CLIN.

(CLIN 0010) WIRE MESH BULGE REPAIR Check both ends of the mesh section.

(b) (7)(E)

(b) (7)(E)

t.

(CLIN 0012 - 0015) BOLLARD Partial cuts will be repaired by welding steel plate(s) (b) (7)(E) (b) (7)(E) thick across the cut face(s) or other approved means. Severed bollards will be repaired by replacing the severed portion and following the procedure for partial cut repairs. Spread bollards will be repaired by straightening and realigning the bollards(s) with adjacent bollards. If foundation is damaged around the bollard, concrete will be chipped away to a depth of (b) (7)(E). Damage to anti-climb plates may include cutting, bending, tearing, and twisting of plates; repairs will be made using the existing materials, or new materials when necessary.

(CLIN 0016- 0019) BARBED WIRE Replace with new barbed wire from fence post to fence post, stretched tight, and securely fastened at each end. Support arm replacement is self explanatory.

(CLIN 0020) BURROWING ON LEVEE Burrowing on levee is defined as a hole typically (b) (7)(E). Fill the hole with soil and compact (may require additional fill material).

(CLIN 0021) BURROWING – OTHER Burrowing other is defined as a hole typically (b) (7)(E). Fill the hole with soil and compact (may require additional fill material).

(CLIN 0022) BURROWING UNDER CONCRETE BARRIERS Burrowing under concrete barriers is defined as a hole typically (b) (7)(E) long. Fill the hole with concrete. Burrowing is defined as: a hole typically (b) (7)(E) (b) (7)(E) long. Burrowing is repaired as: a patch of material similar to that of the fence will be cut large enough to extend (b) (7)(E) (b) (7)(E) the patch will overlap the fence by a (b) (7)(E) the hole will then be backfilled with concrete. (b) (7)(E)

(CLIN 0023) BURROWING/TENSION WIRE REPLACEMENT Tension wire will be replaced from post to post and will be woven through the chain link fence fabric and securely fastened at each end. (b) (7)(E) (b) (7)(E) the rebar will be woven through the chain link fence fabric up to a minimum height of (b) (7)(E) (b) (7)(E) Backfill the hole or depression and compact.

(CLIN 0024, 0025) TENSION WIRE REPLACEMENT (ONLY) Tension wire will be replaced from post to post and will be woven through the chain link fence fabric and securely fastened at each end. Rebar may be used in place of wiring at the request of BP with concurrence of the COR.

(CLIN 0026) PEDESTRIAN FENCE FOUNDATION REPAIR Realign and stabilize

post(s) that have been damaged. This will require compaction of the soil around the post, and may require additional support by placement of concrete, and may require additional fill material. This applies to fence segments with individual foundations for fence posts; it does not apply to fence segments with continuous footings.

(CLIN 0027) PEDESTRIAN FENCE EROSION BACKFILL This will require compaction of the soil around the fence. This repair will not exceed (b) (7)(E)
(b) (7)(E)

(CLIN 0028-0037) CHAIN LINK Repairs will be made by installing a new piece of matching chain link fence fabric the width of the breach and the full height of the fence. The vertical edges of the new fence will be woven into the existing fence fabric on both edges. Hog rings or similar methods to patch the area will not be acceptable. Tension wire (or rebar) will be replaced as part of the chain link repair line item. Tension wire will be replaced from post to post and will be woven through the chain link fence fabric and securely fastened at each end.

(CLIN 0040) GATE MAINTENANCE – See paragraph 1.7.2.

(CLIN 0041) LOCK BOX REPAIR– Damaged gate lock boxes and associated hardware will be repaired to original operating condition. Work may include straightening bent steel, replacing steel elements, cutting, welding, replacing Teflon slides, etc.

(CLIN 0042-0046) GATE REPAIRS – Replacement of truck support rods, truck assemblies, support track, guide wheels, gate bumpers will be done in accordance with the approved Operation and Maintenance manual available from the COR.

(CLIN 0047) GATE FRAME REPAIR – Repairs to gate framing will be done by straightening damaged framing member(s), or replacement if necessary, and performing any welding necessary to restore the gate to its original condition. Work may include straightening bent steel, replacing steel elements, cutting and welding.

(CLIN 0048) SANTA TERESA GATE MAINTENANCE – See paragraph 1.7.2.

(CLIN 0049) Repair and Replacement of broken or missing associated hardware not covered in CLINs 0046-0050, including but not limited to misc screws, security chains, pins, bolts, zerts, hasps, slide pins, wheels, rubber stops, metal wheels, chain, cotter pins, etc.

(CLIN 0050) Repair/Replacement for broken or missing associated hardware for STN Gate, including but not limited to misc screws, security chains, pins, bolts, zerts, hasps, slide pins, wheels, rubber stops, metal wheels, chain, cotter pins.

(CLIN 0051-0054) POST ON RAIL FENCE A section of Post on Rail Vehicle Fence is typically (b) (7)(E), with minor variations, and has up to (b) (7)(E). Repair by replacing the severed portion and welding an (b) (7)(E) to connect it to the post. An alternate repair is to (b) (7)(E)

(b) (7)(E) across the connection point on each face of the post. CLINs 0052 and 0053 refer to multiple cuts in the same or adjacent fence sections.

(CLIN 0055) FOUNDATION DAMAGE - Realign and stabilize post(s) that have been damaged. This will require compaction of the soil around the post, and may require additional support by placement of concrete, and may require additional fill material.

(CLIN 0056) FOUNDATION AND SECTION REPLACEMENT – Replace entire fence section including concrete foundation. Foundations are typically (b) (7)(E) wide.

(CLIN 0057- 0058) BOLLARD (CONCRETE FILLED) - Partial cuts will be repaired by welding steel plate(s) (b) (7)(E) thick across the cut face(s) or other approved means. Severed bollards will be repaired by replacing the severed portion and following the procedure for partial cut repairs.

(CLIN 0059-0063) NORMANDY - Partial cuts will be repaired by welding steel plate(s) (b) (7)(E) thick across the cut face(s) or other approved means. CLIN 0063 refers to multiple cuts in the same or adjacent fence sections.

(CLIN 0064-0066) MOBILIZATION/ DEMOBILIZATION. Payment for Mobilization/Demobilization: Compensation to the Contractor will be for a single round trip mobilization/demobilization of Contractor's personnel, equipment, supplies and incidentals for the performance of the work once per task. A task may include multiple quantities of a single CLIN and/or multiple CLINs.

(CLIN 0067) REMOVAL AND STORAGE OF FENCE PANELS At the direction of the COR, the Contractor shall remove the minimum number of fence or gate sections required to permit access as may be required for repair of infrastructure by the Contractor and/or by others, and shall be replaced or reinstalled to pre-existing or better condition. Fence Material Storage at Fabens Storage Yard. Removed fence sections that are to be reused, as approved by the COR, that cannot be stored at the repair site location shall be hauled to and from the Fabens Storage Yard. Storage at the Fabens Storage Yard shall be coordinated and approved by the COR prior to hauling to the site. Unit price for CLIN 0070 shall assume the removal and replacement of up to (b) (7)(E) (a maximum of (b) (7)(E) section).

(CLIN 0069) NEW MEXICO GROSS RECEIPTS TAX Any labor or materials for work performed in New Mexico are subject to the New Mexico Gross Receipts Tax (NMGRT). All vehicle fence repairs will be located in New Mexico. Approximately 10% of the pedestrian fence repairs are estimated to be located in the state of New Mexico. All pay requests for New Mexico Gross Receipts shall be accompanied with accurate back-up which shows actual tax incurred.

Distribution of Repairs by Type - Historically, almost all damage repairs have been on pedestrian fences, with less than 5% of damage repairs required on vehicle fences. All

vehicle fence types are located (b) (7)(E) All pedestrian
fence types run from a point approximately (b) (7)(E)
to approximately (b) (7)(E) The pedestrian fence consists primarily of
(b) (7)(E) but some fencing in the (b) (7)(E)
(b) (7)(E)
his area accounts for over 80% of the fence repairs.

APPENDIX A – List of Gates

Project	Description	Location	Coordinates			
			Northing	Easting		
(b) (7)(E)	1 Cantilever Gate (54' wide)	(b) (7)(E)				
	2 Cantilever Gate (54' wide)					
	3 Cantilever Gate (54' wide)					
	4 Cantilever Gate (54' wide)					
	5 Sliding Gate (20' wide)					
	1 Vehicle Sliding Gate (20' wide)					
	2 Vehicle Sliding Gate (20' wide)					
	1 Vehicle Swing Gate (18' wide)			(b) (7)(E)		
	2 Vehicle Swing Gate (20' wide)					
	1 Vehicle Sliding Gate (24' wide)					
	1 Personnel Sliding Gate (5' wide)					
	2 Personnel Sliding Gate (5' wide)					
	3 Personnel Sliding Gate (5' wide)					
	4 Personnel Sliding Gate (5' wide)					
	5 Personnel Sliding Gate (5' wide)					
	6 Personnel Sliding Gate (5' wide)					
	7 Personnel Sliding Gate (5' wide)					
	8 Personnel Sliding Gate (5' wide)					
	9 Personnel Sliding Gate (5' wide)					
	10 Personnel Sliding Gate (5' wide)					
	11 Personnel Sliding Gate (5' wide)					
	12 Personnel Sliding Gate (5' wide)					
	13 Personnel Sliding Gate (5' wide)					
	14 Vehicle Sliding Gate (40' wide - 2-20' gates)		(b) (7)(E)			
	15 Personnel Sliding Gate (5' wide)					
	16 Personnel Sliding Gate (5' wide)					
	17 Personnel Sliding Gate (5' wide)					
	18 Personnel Sliding Gate (5' wide)					
	19 Personnel Sliding Gate (5' wide)					
	20 Personnel Sliding Gate (5' wide)					
	21 Personnel Sliding Gate (5' wide)					
	22 Personnel Sliding Gate (5' wide)					
23 Personnel Sliding Gate (5' wide)						
24 Personnel Sliding Gate (5' wide)						
25 Personnel Sliding Gate (5' wide)						
26 Vehicle Sliding Gate (20' wide)	(b) (7)(E)					
27 Personnel Sliding Gate (5' wide)						
28 Personnel Sliding Gate (5' wide)						
29 Personnel Sliding Gate (5' wide)						
30 Personnel Sliding Gate (5' wide)						
31 Personnel Sliding Gate (5' wide)						
32 Personnel Sliding Gate (5' wide)						
33 Vehicle Sliding Gate (20' wide)	(b) (7)(E)					
34 Personnel Sliding Gate (5' wide)						
35 Personnel Sliding Gate (5' wide)						
36 Personnel Sliding Gate (5' wide)						

	37	Personnel Sliding Gate (5' wide)			(b) (7)(E)
	38	Personnel Sliding Gate (5' wide)			
	39	Personnel Sliding Gate (5' wide)			
	40	Personnel Sliding Gate (5' wide)			
	41	Personnel Sliding Gate (5' wide)			
	42	Personnel Sliding Gate (5' wide)			
	43	Personnel Sliding Gate (5' wide)			
	44	Vehicle Sliding Gate (20' wide)			
	45	Personnel Sliding Gate (5' wide)			
	46	Personnel Sliding Gate (5' wide)			
	47	Personnel Sliding Gate (5' wide)			
	48	Vehicle Sliding Gate (20' wide)			
	49	Personnel Sliding Gate (5' wide)			
	50	Vehicle Sliding Gate (20' wide)			
(b) (7)(E)					
	1	Vehicle Sliding Gate (20' wide)			
	2	Vehicle Sliding Gate (20' wide)			
	3	Personnel Sliding Gate (5' wide)			
	1	Vehicle Sliding Gate (20' wide)			
	3	Personnel Sliding Gate (5' wide)			
	1	Vehicle Sliding Gate (20' wide)			
	2	Vehicle Sliding Gate (20' wide)			
	3	Vehicle Sliding Gate (20' wide)			
	4	Vehicle Sliding Gate (20' wide)			
	5	Vehicle Sliding Gate (20' wide)			
	1	Levee Road (40' wide double leaf swing gate)			
	2	Vehicle Sliding Gate (20' wide)			
	3	Vehicle Sliding Gate (20' wide)			
	4	Vehicle Sliding Gate (20' wide)			
	5	Vehicle Sliding Gate (20' wide)			
	6	Personnel Sliding Gate (5' wide)			
	7	Vehicle Sliding Gate (20' wide)			
(b) (7)(E)					
	1	Vehicle Sliding Gate (20' wide)			
	2	Vehicle Sliding Gate (20' wide)			
	3	Vehicle Sliding Gate (20' wide)			
	4	Vehicle Sliding Gate (20' wide)			
	5	Vehicle Sliding Gate (20' wide)			
	6	Vehicle Sliding Gate (12' wide)			
	7	Vehicle Double Leaf Swing Gate (30' wide)			
	8	Vehicle Sliding Gate (26' wide)			
	9	Vehicle Sliding Gate (20' wide)			
	10	Vehicle Sliding Gate (20' wide)			
	11	Vehicle Sliding Gate (20' wide)			
	12	Vehicle Sliding Gate (20' wide)			

Operating, Maintenance, and Troubleshooting for Overhead Slide Gates



(b) (7)(E)



(b) (7)(E)

(b) (7)(E)

D. Troubleshooting

(b) (7)(E)

(b) (7)(E)



APPENDIX D - Swing Gate Maintenance for El Paso Sector

Operating, Maintenance, and Troubleshooting for Swing Gates

(b) (7)(E)

(b) (7)(E)

(b) (7)(E)

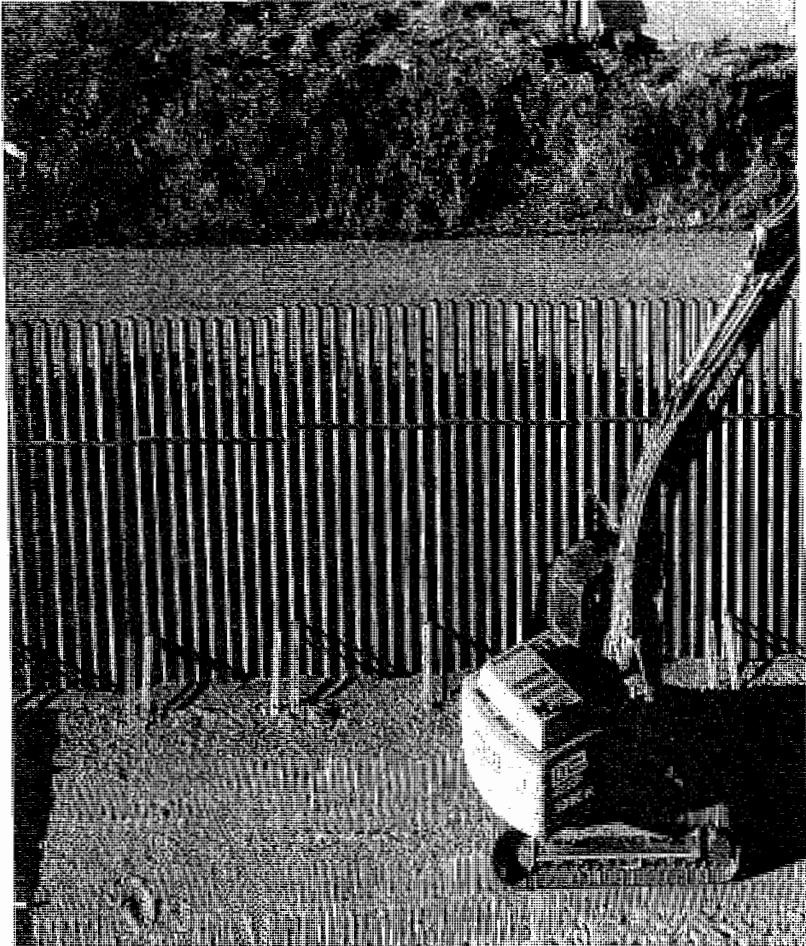
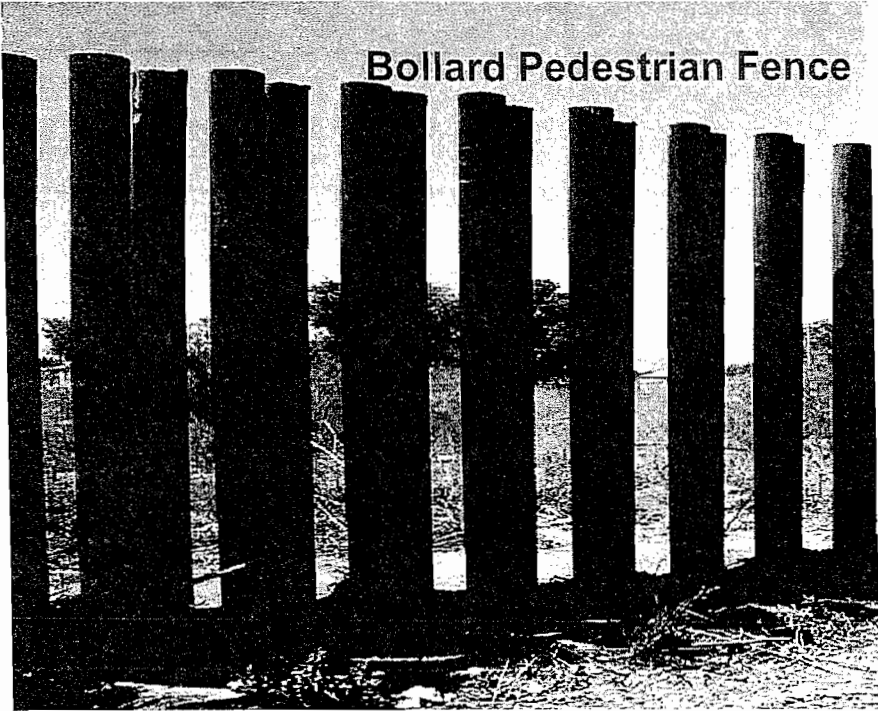
(b) (7)(E)

(b) (7)(E)

APPENDIX G - (b) (7)(E) Retro-Fit Manual Gate Operator REVISION

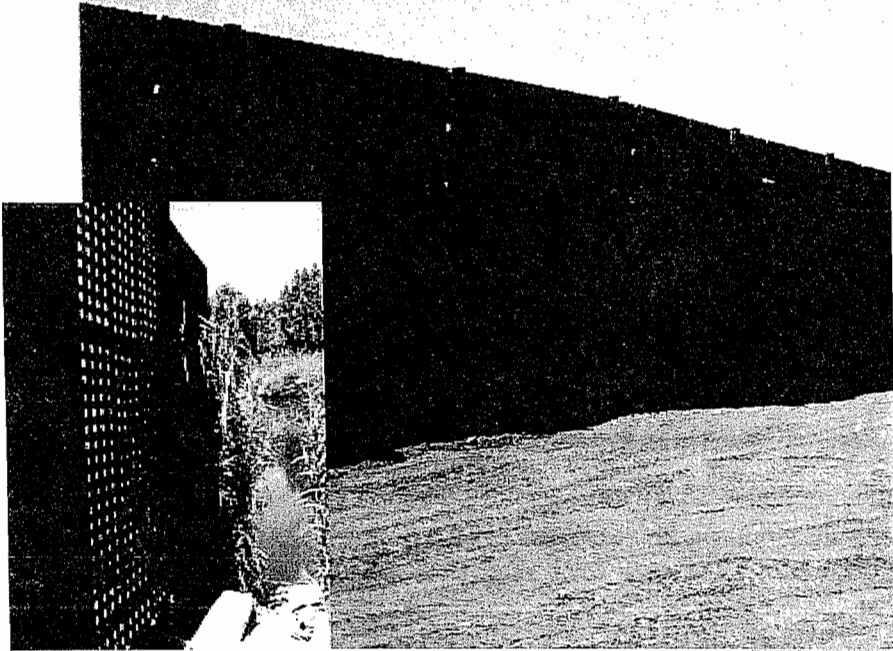
Please see PDF attachment.

APPENDIX H – Fence Type Photos

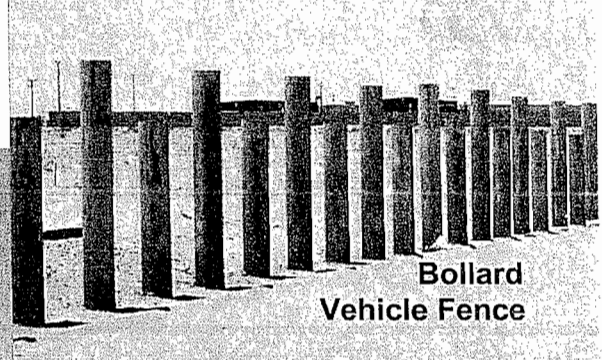


APPENDIX H – Fence Type Photos

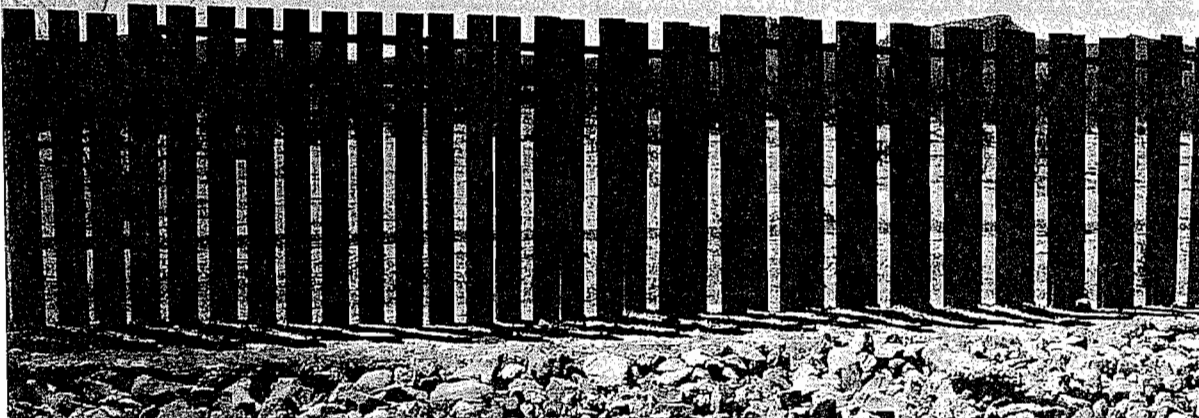
Landing MAT Pedestrian Fence



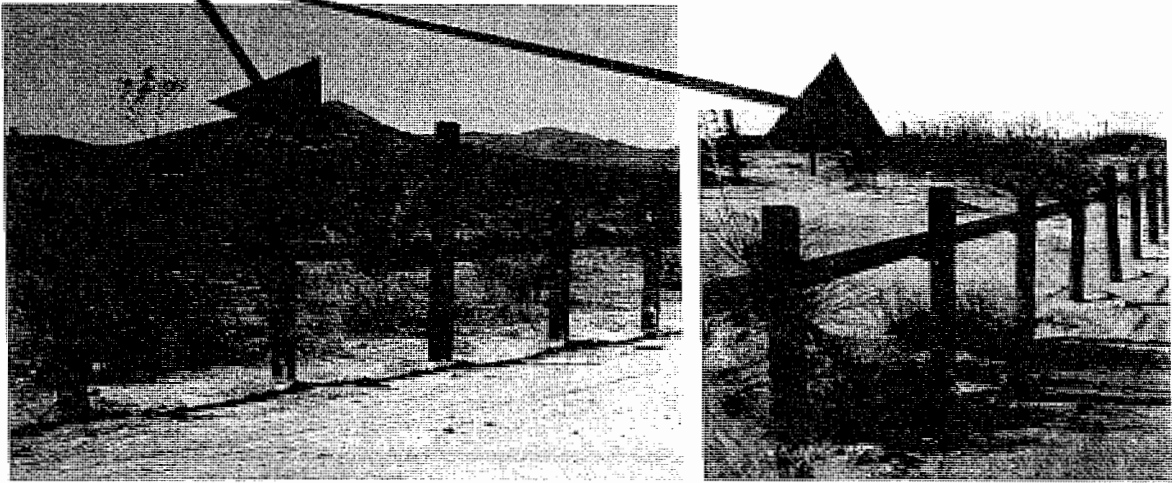
Bollard Vehicle Fence



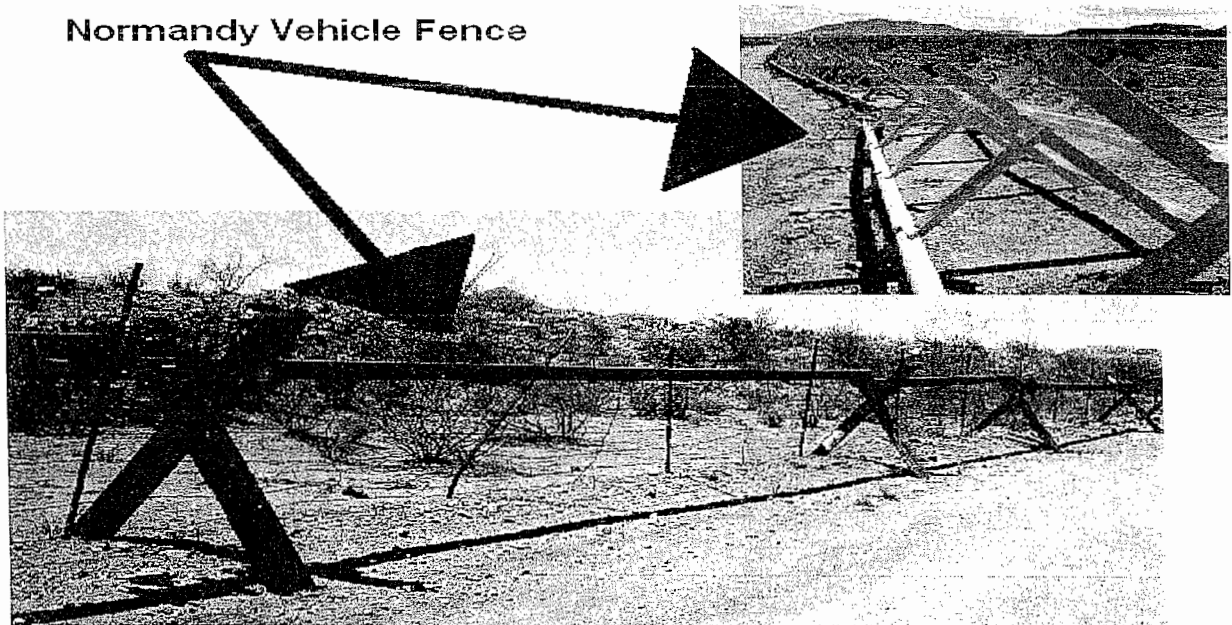
**Bollard
Vehicle Fence**



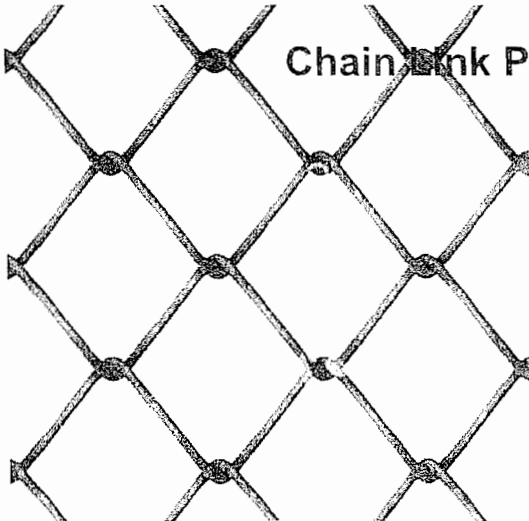
Post on Rail Vehicle Fence



Normandy Vehicle Fence



Chain Link Pedestrian Fence



APPENDIX I – MAPS

Please see PDF attachment.

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(b) (7)(E)



(b) (7)(E)



(b) (7)(E)

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(b) (7)(E)

(b) (7)(E)

(b) (7)(E)

(b) (7)(E)

CLIN	DESCRIPTION	Unit of Measure	Estimated Qty (per 6 weeks)	Estimated Unit Price	Total Price
0001	Expanded Metal: Less than 5 SF-	EA	(b) (5)	(5)	
0002	Expanded Metal: 5 SF to 20 SF	EA			
0003	Expanded Metal: 20 SF to Section Replacement	EA			
0004	Expanded Metal: Linear Cut(s)	EA			
0005	Expanded Metal Weld Repair (1-3 Welds) Less than 12 inches each	EA			
0006	Wire Mesh (Double Ply, 4 gauge): Less than 5 SF	EA			
0007	Wire Mesh (Double Ply, 4 gauge): 5SF to 20 SF	EA			
0008	Wire Mesh (Double Ply, 4 gauge): 20 Sf to Section Replacement	EA			
0009	Wire Mesh (Double Ply, 4 gauge): Linear Cut(s)	EA			
0010	Wire Mesh Detailed Bulge Repair (4 gauge)	EA			
0011	Wire Mesh Weld Repair (4 gauge)	EA			
0012	Bollard (Concrete Filled); Severed Bollard	EA			
0013	Bollard (Concrete Filled): Partial Cir	EA			
0014	Bollard (Concrete Filled): Spread Bollards	EA			
0015	Bollard (Concrete Filled): Anti-climbing Plate Damage	EA			
0016	Barbed Wire: Replace Single Strand Section	EA			
0017	Barbed Wire: Replace Two-Strand Section	EA			
0018	Barbed Wire: Replace Three-Strand Section	EA			
0019	Barbed Wire: Replace Support Arm	EA			
0020	Burrowing on Levee: Eacj	EA			
0021	Burrowing (other): Each	EA			
0022	Burrowing under Concrete Barriers	EA			
0023	Burrowing and Tension Wire Replacement	EA			
0024	Tension Wire Replacement	EA			
0025	Replace Tension Wire with Rebar	EA			
0026	Pedestrian fence foundation repair	EA			
0027	Pedestrian fences erosion backfill (w/in 8ft of foundation)	EA			
0028	Primary Chain Link 9 gauge: Less than 5 LF	EA			
0029	Primary Chain Link 9 gauge: 5 LF to Section Replacement	EA			
0030	Primary Chain Link 1-inch: Less than 5 LF	EA			
0031	Primary Chain Link 1-inch: 5 LF to Section Replacement	EA			
0032	Secondary Chain Link 9 gauge: Less than 5 LF	EA			
0033	Secondary Chain Link 9 gauge: 5 LF to section replacement	EA			
0034	Secondary Chain Link 6 gauge: Less than 5 LF	EA			
0035	Secondary Chain Link 6 gauge: 5 LF to section replacement	EA			
0036	Tertiary Chain Link 6 gauge: Less than 5 LF	EA			
0037	Tertiary Chain Link 6 gauge: 5 LF to section replacement	EA			
0038	Primary Pedestrian Bollard w/ Extension Gate	EA			
0039	Primary Pedestrian Bollard w Extension Gate Replacement	EA			
0040	Gate Maintenance (Lump Sum	LS			
0041	Gates: Repair Lock Box and/or associated Hardware	EA			
0042	Gates: Replace Truck Support Rods	EA			
0043	Gates: Replace Truck Assembly	EA			
0044	Gates: Replace Aluminum Track	EA			
0045	Gates: Replace Guide Wheels	EA			
0046	Gates: Replace Gate Bumpers	EA			
0047	Gates: Repair of Gate Framing	EA			
0048	Gates: Maintenance of STN Gate (LS)	LS			
0049	Gates: Repair or Replacement of broken or missing hardware	EA			
0050	Gates: Repair or Replacement of broken or missing hardware for STN ga	EA			
0051	Post and Rail (Concrete Filled): Severed Post (1)	EA			
0052	Post and Rail (Concrete Filled): Severed Post (2-3)	EA			
0053	Post and Rail (Concrete Filled): Severed Post (4-5)	EA			
0054	Post and Rail (Concrete Filled): Severed Rail	EA			
0055	Post and Rail (Concrete Filled) Foundation Damage	EA			
0056	Post and Rail (Concrete Filled) Foundation Damage	EA			
0057	Bollard (Concrete Filled Post): Severed Bollard	EA			
0058	Bollard (Concrete Filled Post): Partial Cut	EA			
0059	Normandy: Partial Cut (1)	EA			
0060	Normandy: Partial Cuts (2-3)	EA			
0061	Normandy: Section Replacement	EA			

0062	Normandy: Section Realignment	EA
0063	Normandy (1-2 Welds): Less than 48 inches each	EA
0064	Within El Paso and Ysleta Stations	EA
0065	Within Santa Teresa and Fabens Stations	EA
0066	Any Station Beyond Area of Clin 0065	EA
0067	Removal and Storage of Fence Panels	EA
0068	Bond Premium	LS
0069	New Mexico Gross Receipts Tax	

(b) (5)

\$ 132,479.00

El Paso Fence Maintenance

CLIN	DESCRIPTION	Unit of Measure	Estimated Qty (per month)	Estimated Qty (8 wks)	Estimated Qty (6 weeks)	Est Qty (per month)	Estimated Unit Price	Estimated Quantity	Cost	Estimated Quantity Used (14FEB12)	Estimated Quantity Used (14MAR12)	Estimated Quantity Used (14APR12)	Estimated Quantity Used (14MAY12)	Estimated Quantity Used (14JUN12)	Estimated Quantity Used (14JUL12)	Estimated Quantity Used (14AUG12)	Estimated Quantity Used (14SEPT12)	Estimated Quantity Used (14OCT12)	Estimated Quantity Used (14NOV12)	Expensed (only for contract)	Burn Rate	
0001	Expanded Metal Less than 5 SF	EA																				
0002	Expanded Metal 5 SF to 25 SF	EA																				
0003	Expanded Metal 25 SF to Section Replacement	EA																				
0004	Expanded Metal Linear Cuts	EA																				
0005	Expanded Metal Weld Repair (1-3 Welds) Less than 12 inches each	EA																				
0006	Wire Mesh (Double Ply, 4 gauge) Less than 5 SF	EA																				
0007	Wire Mesh (Double Ply, 4 gauge) 5SF to 20 SF	EA																				
0008	Wire Mesh (Double Ply, 4 gauge) 20 SF to Section Replacement	EA																				
0009	Wire Mesh (Double Ply, 4 gauge) L near Cuts	EA																				
0010	Wire Mesh (Double Ply, 4 gauge) Repair 4 gauge	EA																				
0011	Wire Mesh Weld Repair (4 gauge)	EA																				
0012	Bolard (Concrete Filled) Severed Bolard	EA																				
0013	Bolard (Concrete Filled) Partial Cut	EA																				
0014	Bolard (Concrete Filled) Spread Bolards	EA																				
0015	Bolard (Concrete Filled) Anti-climbing Plate Damage	EA																				
0016	Barbed Wire Replace Single Strand Section	EA																				
0017	Barbed Wire Replace Two-Strand Section	EA																				
0018	Barbed Wire Replace Three-Strand Section	EA																				
0019	Barbed Wire Replace Support Arm	EA																				
0020	Burrowing on Levee Edge	EA																				
0021	Burrowing (other) Each	EA																				
0022	Burrowing under Concrete Barriers	EA																				
0023	Burrowing and Tension Wire Replacement	EA																				
0024	Tension Wire Replacement	EA																				
0025	Replace Tension Wire with Rebar	EA																				
0026	Pedestrian Fence Foundation Repair	EA																				
0027	Repair of Fence Post on Occit (with BT of Foundation)	EA																				
0028	Primary Chain Link 5 gauge Less than 5 LF	EA																				
0029	Primary Chain Link 5 gauge 5 LF to Section Replacement	EA																				
0030	Primary Chain Link 1-inch Less than 5 LF	EA																				
0031	Primary Chain Link 1-inch 5 LF to Section Replacement	EA																				
0032	Secondary Chain Link 5 gauge Less than 5 LF	EA																				
0033	Secondary Chain Link 5 gauge 5 LF to section replacement	EA																				
0034	Secondary Chain Link 5 gauge Less than 5 LF	EA																				
0035	Secondary Chain Link 5 gauge 5 LF to section replacement	EA																				
0036	Tertiary Chain Link 5 gauge Less than 5 LF	EA																				
0037	Tertiary Chain Link 5 gauge 5 LF to section replacement	EA																				
0038	Primary Pedestrian Bolard w/ Extension Gate	EA																				
0039	Primary Pedestrian Bolard w/ Extension Gate Replacement	EA																				
0040	Gates Maintenance Lump Sum	LS																				
0041	Gates Repair Lock Box and/or associated Hardware	EA																				
0042	Gates Replace Truck Support Rods	EA																				
0043	Gates Replace Truck Assembly	EA																				
0044	Gates Replace Aluminum Track	EA																				
0045	Gates Replace Guide Wheels	EA																				
0046	Gates Replace Gate Bumpers	EA																				
0047	Gates Repair of Gate Framing	EA																				
0048	Gates Maintenance of SHW Gate (LS)	LS																				
0049	Gates Repair or Replacement of broken or missing hardware	EA																				
0050	Gates Repair or Replacement of broken or missing hardware for SHW	EA																				
0051	Post and Rail (Concrete Filled) Severed Post (1)	EA																				
0052	Post and Rail (Concrete Filled) Severed Post (2-3)	EA																				
0053	Post and Rail (Concrete Filled) Severed Post (4-5)	EA																				
0054	Post and Rail (Concrete Filled) Severed Rail	EA																				
0055	Post and Rail (Concrete Filled) Foundation Damage	EA																				
0056	Post and Rail (Concrete Filled) Severed Bolard	EA																				
0058	Bolard (Concrete Filled Post) Partial Cut	EA																				
0059	Normandy Partial Cut (1)	EA																				
0060	Normandy Partial Cut (2-3)	EA																				
0061	Normandy Section Replacement	EA																				
0062	Normandy Section Replacement	EA																				
0063	Normandy (2 Welds) Less than 48 inches each	EA																				
0064	Within El Paso and Ysleta Stations	EA																				
0065	Within Santa Teresa and Fabens Stations	EA																				
0066	Any Station Beyond Area of City Limits	EA																				
0067	Removal and Storage of Fence Panels	EA																				
0068	Bond Premium	LS																				
0069	New Mexico Gross Receipts Tax	LS																				

(b) (5)

Note: (b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

From: (b) (6), (b) (7)(C)
To: (b) (6)
Subject: RE: Weekly Report - 14 Nov (b) (6), (b) (7)(C)
Date: Thursday, November 15, 2012 6:06:21 PM

(b) (5). How did the meeting go?

(b) (6), (b) (7)(C), CBM, PMP
Division Director, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6)
Sent: Thursday, November 15, 2012 9:20 AM
To: (b) (6), (b) (7)(C)
Subject: RE: Weekly Report - 14 Nov (b) (6)

(b) (5)

From: (b) (6), (b) (7)(C)
Sent: Thursday, November 15, 2012 6:36 AM
To: (b) (6)
Subject: Re: Weekly Report - 14 Nov (Scott Wilson)

Let me know how MATOC goes. (b) (5)

(b) (6), (b) (7)(C) (b) (5)

From: (b) (6)
Sent: Wednesday, November 14, 2012 11:10 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Weekly Report - 14 Nov (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

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Hot Issues

- **Renewal Contracts**
 - Twelve contracts awarded. No more contracts are to be awarded (YUM Veg/Debris is on hold).
 - ECSO can extend the following upcoming options:
 - Yuma Fence – last option will start 25 Oct

- Tucson Fence – last option will start 25 Oct
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 - El Paso Roads – last option will start 2 Nov
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 - Yuma Lighting – 1st option will start 4 Nov
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 - Each contract has 2 options, which each last 90 days
- ECSO exercised the last option for El Paso Fence on 4 Oct.
 - It will expire 8 Jan 2013.
 - No other contract plans exist at this time except for CTIMR, which is subject to protest.
- No MATOC capability exists for future Task Order needs, after MATOCs expire
- ECSO provided ROM estimate for WA #1, #2, #3, for new TI M&R contracts.
 - Also provided estimate for extensions, if approved by their CO.
 - We are waiting response from CO on extensions for WA#2 & #3 contracts. **Decision issued 9 Nov – no extensions allowed.**
 - Standing down on using ECSO for gap filler for WA#1.
 - Requested ECSO send funds request to FM&E for funding needed to start actions for gap fillers. They are waiting until CO responds on extensions.
 - Time’s wasting, especially for EPT and TCA Fencing!
 - ECSO sent funds request 14 Nov
 - Call scheduled for 15 Nov to discuss priorities and acq plan.
- **(b)(7)(E)** Bridge – Security Requirements

(b) (5)

- Span across Rio Grande has been installed, with fencing to deter pedestrian traffic.
- Completion of **(b) (7)(E)** project is on hold, per County’s construction manager.
 - Real estate acquisition is now complete.
 - CC is waiting on a proposal from contractor to complete the project.
 - **(b) (5)**
 - **Waiting response from CC for latest status – 14 Nov.**
- **(b)(7)(E)** Boat Ramp
 - Revised PRD is in technical review as of 9 Oct. PRD addresses phase 1 need for surveys of river bottom, and for gradient boundary line.
 - Phase 2 PRD will be developed once scope is confirmed with Sector following receipt of survey results.
 - Sector signed PRD.
- **(b)(7)(E)** Roads (RGV) – MILCON
 - Participated in design kickoff meeting and site visit on **(b)(7)(E)** Roads in RGV on FWS property, 14 Nov
 - Visit was highly successful; FWS presented themselves as team players who were very supportive of the BP mission, although “mitigation” will still be an issue.

Major Efforts

- Contingency Contract Plans for WA#1

- Working with (b) (6), (b) (7)(E) on backup plans for WA#1 and other areas.
 - RGV Gates
 - Plan-in-hand site inspection held on (b) (7)(E) gates for (b) (7)(E) on 25 Oct.
 - Second set of designs (15) may be ready to submit before Thanksgiving.
 - Final design dwgs received for 1st package (b) (7)(E)
 - Contractor trying to complete test gates but being delayed by rewiring of control panels, and late delivery on trolley items.
 - Expect acceptance ~7 Nov, and NTP for fabrication by 14 Nov.
- (b) (5), (b)(6); (b)(7)(C); (b)(7)(E)
- Gate Closure Communications
 - BPFTI sent 10 landowner notice letters
 - AUSA will send out the rest, due to ongoing litigation.
 - Landowner training
 - (b) (6), (b) (7)(C) developed draft training design and will edit training slides.
 - Virtual walkthru will be conducted 15 Nov with Sector T3 personnel.
 - Funding Data In FITT
 - (b) (6), (b) (7)(C) updated budget data to equal funds available (\$ (b) (5))
 - I updated funds transferred area to total \$ (b) (5) No funding currently required.

Good News

Concerns

- RGV (b)(7)(E) Highway – Fence Relocation
 - Confirmed funding available from TxDOT & CCRMA bonds; final estimate not developed yet
 - Coordination w/IBWC will start once TxDOT approves draft EA
 - CC engineer sent latest schedule & draft EA 8 Mar
 - Forwarded EA to (b) (6), (b) (7)(C) 2 Apr.
 - Received maps from CC engineer 25 Jun.
 - TXDOT (thru IBWC) provided schedule info, noting a contract letting date of Dec 2013.
- IBWC Riverside MOA & design
 - Response to BPFTI comments received
 - Some items will need to be funded by BPFTI
 - Draft MOA submitted to IBWC 15 June for review.
 - Received IBWC comments and sent CBP comments to them on 22 Oct.
 - Working IAA for guard rail and security grating over valve vault
 - USACE will initiate design – tasked to them 14 Sep.
 - Requested update 16 Oct.
 - Will contract separately from IBWC, so no IAA will be required.
- Grate Raising Winches (b)(7)(E) RGV
 - Legal advised that O&M was correct funds source. Drafted PRD
 - RE input received; requested RE and ECSO cost/schedule info 18 Oct

- o ECSO continues to have trouble getting in-house engineering support.
 - ECSO PM provided estimate on 20 Jun. Will request updated estimate e to cover (b)(7)(E) grate as well.
 - o Will discuss with (b)(6), (b)(7) turning over PM duties for this PRD, per (b)(6), (b)(7)
 - (b)(7)(E) Grates – vegetation accumulations are resulting in high maintenance and need to raise grates and hold them open.
 - o Current Hidalgo County design does not allow for holding grates open, and makes lifting grates difficult and possibly a safety concern for inexperienced workers.
 - o Received test data from (b)(6), (b)(7) & (b)(6), (b)(7)(C) on pins for pinning proposal 15 Oct.
 - Currently evaluating data.
 - o (b)(5)
 - I'll discuss with (b)(6), (b)(7) whether she wants to initiate a study.
 - CTIMR Support – Area 4
 - o RGV – providing technical support for (b)(6), (b)(7) on unsuitable caliche for levee maintenance, on (b)(7)(E) maintenance scope, and on lifting system for (b)(7)(E) grates.
 - Working to establish standard specification for caliche.
 - o Collecting sample caliche specs & discussing issues with local supplier's engineer.
 - o RGV Access Road M&R
 - Visited Sector and site with Primus & (b)(6), (b)(7) & (b)(6), (b)(7)(C)
 - Prepared recommendations for M&R for CWP#2 access roads.
 - o Discussions held 12 Oct with (b)(6), (b)(7) & (b)(6), (b)(7) to finalize task descriptions for access roads
 - Received Primus recommendations for road M&R categories for future classification of M&R.
 - o (b)(5), (b)(7)(E)
 - o (b)(5), (b)(7)(E)
 - Worked with (b)(6), (b)(7)(C) to clarify standards for cross slopes and aggregate thickness calculations

Deliverables

- RGV Gates IPT minutes for 7 November meeting

(b)(6), (b)(7)

(b)(6), (b)(7)(C), PE, PMP

Program Manager
LMI

Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering

Office: (b)(6), (b)(7)(C)

Mobile: (b)(6), (b)(7)(C)

"Excel as a trusted strategic partner enhancing

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Weekly Report - 20 Dec (b) (6)
Date: Wednesday, December 19, 2012 5:58:48 PM

(b) (6), (b) (7)

Changes from the last update are in red.

Hot Issues

- Renewal Contracts – Round IV
 - Twelve contracts awarded. No more contracts are to be awarded (YUM Veg/Debris is on hold).
 - El Paso Fence – last option will expire 8 Jan
 - Yuma Fence – last option will expire 24 Jan
 - Tucson Fence – last option will expire 24 Jan
 - Yuma Roads – last option will expire 22 Jan
 - Tucson Roads – last option will expire 30 Jan
 - El Paso Roads – last option will expire 30 Jan
 - Tucson Veg/Debris – 1st option will start 22 Nov; last option expires 18 May
 - Yuma Lighting – 1st option will start 4 Nov; last option expires 30 Apr
 - El Paso Lighting – 1st option will start 5 Nov; last option expires 4 May
 - BBT Roads – requested last option be exercised.
 - EPT Veg/Deb – requested first option be exercised.
 - Each contract has 2 options, which each last 90 days
 - No MATOC capability exists for future Task Order needs after MATOCs expire
 - ECSO provided ROM estimate for WA #1, #2, #3, for new TI M&R contracts.
 - Also provided estimate for extensions, if approved by their CO.
 - Decision issued 9 Nov – no extensions allowed.
 - Standing down on using ECSO for gap filler for WA#1.
 - \$120K transferred to ECSO 29 Nov to cover PM to get contracts awarded.
 - EPT and TCA Fence were identified as top priority needs, with TCA and EPT Roads next.
 - We are considering options for TCA Lighting and YUM Roads.
 - Also working with (b) (6), (b) (7)(C) on TCA Gate Opening contract extension and TCA Lighting reprocurement.
 - Gate opening contract will be extended for 3 months thru mid-May 2013.
 - 45 day gap filler packages sent to (b) (6), (b) (7)(C) for review for TCA and EPT Fencing.
 - Funds requests submitted and approved for both.
 - Gate maintenance is deleted from TCA contract, after coordination with (b) (6), (b) (7)(E). Allows 45 day PoP vs. 1 mo.
 - (b) (7)(E) Fencing RFP proposal from Cerrudo received, approved, and waiting award.
 - (b) (7)(E) Fencing will be competed between Capers and Aztec. RFP sent to contractors 19 Dec.
 - Working on budget and estimated quantities for EPT & TCA Fence and Roads contracts with (b) (6), ECSO.
 - Waiting on schedule from ECSO. As of 19 Dec, (b) (6) is trying to get review/approval within ECSO before forwarding.

- (b)(7)(E) Bridge – Security Requirements

(b) (5)

- Span across Rio Grande has been installed, with fencing to deter pedestrian traffic.
- Completion of (b)(7)(E) project is on hold, per County's construction manager.
 - Real estate acquisition is now complete.
 - CC is waiting on a proposal from contractor to complete the project.

- (b)(5)

- (b) (5)
- (b) (5)
- (b) (5)

- Sent CCRMA email offering swing gate option 7 Dec.
- Provided (b)(6), (b)(7)(E) with updated issue paper 10 Dec.

- (b)(7)(E) Boat Ramp

- Revised PRD is in technical review as of 9 Oct. PRD addresses phase 1 need for surveys of river bottom, and for gradient boundary line.
- Phase 2 PRD will be developed once scope is confirmed with Sector following receipt of survey results.
- PRD is final and was sent to ECSO for action.
- Advised (b)(6), (b)(7)(C) on 28 Nov that she is the PM for this action and I will provide engineering support.
- As requested by ECSO, I worked with (b)(6), (b)(7)(C) to obtain "govie" approval to use \$ (b)(5) sent to ECSO in Sep 2011.

Major Efforts

- RGV Gates

- Plan-in-hand site inspection held for second set of designs (15) on 4 Dec.
 - Final design dwgs received for 1st package (b)(7)(E)
- Test gates were accepted on 14 Nov
- DOJ got possession of Loop tracts on 15 Nov. Delay to Weston may be ~15 days due to extended time to mobilize subs, per discussion between USACE/Weston.
 - Updated schedule received showing work starting at (b)(7)(E) on 3 Dec.
 - Pier subcontractor is accelerating his schedule. We are working with OCC & DOJ to assure landowners are notified.
 - CR received in FITT for negotiated \$ (b)(6) for delayed NTP/remob for (b)(7)(E) gates.
 - Pier drilling completed a (b)(7)(C) gates. Contractor plans to complete pier drilling at (b)(7)(C) gates before Xmas.
 - Gate closures are currently not scheduled to begin until 3 Jan (b)(6), (b)(7)(C) Gate).
- RE working on possession of fee under levee for O-20 thru O-6
 - Significant issues at (b)(7)(E) meeting held on 17 Dec w/OCC/DOJ, etc.
- Gate Closure Communications
 - BOD has message on HOTLINE advising of new schedule, and is providing updates.

Emails sent to law enforcement, emergency responders and other governmental agencies on 12 Dec.

- Landowner training
 - Sector training held for the Station trainers on 11/12 Dec.
 - (b) (6) will update training materials based on comments, and will provide to Sector for use by Station trainers.

Good News

Concerns

- RGV (b)(7)(E) Highway – Fence Relocation
 - Confirmed funding available from TxDOT & CCRMA bonds; final estimate not developed yet
 - Coordination w/IBWC will start once TxDOT approves draft EA
 - CC engineer sent latest schedule & draft EA 8 Mar
 - Forwarded EA to (b) (6), (b) (7)(C) 2 Apr.
 - Received maps from CC engineer 25 Jun.
 - TXDOT (thru IBWC) provided schedule info, noting a contract letting date of Dec 2013.
 - Latest schedule received from TXDOT 28 Nov. No change in contract letting date of Dec 2013.
- IBWC Riverside MOA & design
 - Response to BPFTI comments received
 - Some items will need to be funded by BPFTI
 - Draft MOA submitted to IBWC 15 June for review.
 - Received IBWC comments and sent CBP comments to them on 22 Oct.
 - Working IAA for guard rail and security grating over valve vault
 - USACE will initiate design – tasked to them 14 Sep.
 - Requested update 16 Oct.
 - Will contract separately from IBWC, so no IAA will be required.
- Grate Raising Winches (b)(7)(E) RGV
 - Legal advised that O&M was correct funds source. Drafted PRD
 - RE input received; requested RE and ECSO cost/schedule info 18 Oct
 - ECSO continues to have trouble getting in-house engineering support.
 - ECSO PM provided estimate on 20 Jun. Will request updated estimate to cover (b)(7)(E) grate as well.
 - Discussed with Pam turning over PM duties for this PRD, 12 Dec. I will be engineering support
- (b)(7)(E) Grates – vegetation accumulations are resulting in high maintenance and need to raise grates and hold them open.
 - Current Hidalgo County design does not allow for holding grates open, and makes lifting grates difficult and possibly a safety concern for inexperienced workers.
 - Received test data from (b) (6), (b) (7)(C) & (b) (6), (b) (7)(C) on pins for pinning proposal 15 Oct.
 - Currently evaluating data.
 - (b) (5)
 - I'll discuss with (b) (6), (b) (7)(C) whether she wants to initiate a study.
- CTIMR Support – Area 4
 - RGV - providing technical support for (b) (6), (b) (7)(C) on unsuitable caliche for levee maintenance, on (b)(7)(E) maintenance scope, and on lifting system for (b)(7)(E) grates.
 - Working to establish standard specification for caliche.

- Collecting sample caliche specs & discussing issues with local supplier's engineer.
 - Need to finalize standard for drag roads; need to reconfirm Sector requirement for width (b) (6), (b) (7)(C) and get (b) (6), (b) (7)(C) final review.
- RGV Access Road M&R
 - Visited Sector and site with Primus & (b) (6), (b) (7)(C) & (b) (6), (b) (7)(C).
 - Prepared recommendations for M&R for CWP#2 access roads.
 - Discussions held 12 Oct with (b) (6) to finalize task descriptions for access roads
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 - Worked with (b) (6), (b) (7)(C) to clarify standards for cross slopes and aggregate thickness calculations

Deliverables

- RGV Gates IPT minutes & agenda
- Final RFP package for TCA Fence gap filler.
- Technical review of EPT Fence gap filler contractor proposal.

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), PE, PMP

Program Manager

LMI

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

"Excel as a trusted strategic partner enhancing

From: (b) (6), (b) (7)(C)
To: (b) (6)
Subject: Re: Weekly Report - 14 Nov (b) (6)
Date: Friday, November 16, 2012 3:18:56 PM

I thought I answered this already. (b) (5)

(b) (5), (b) (6)

From: (b) (6)
Sent: Friday, November 16, 2012 10:40 AM
To: (b) (6), (b) (7)(C)
Subject: FW: Weekly Report - 14 Nov (b) (6)

(b) (6), (b) (7)(C)

(b) (5)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Thursday, November 15, 2012 6:36 AM
To: (b) (6)
Subject: Re: Weekly Report - 14 Nov (b) (6)

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(b) (6), (b) (7)(C)

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From: (b) (6)
Sent: Wednesday, November 14, 2012 11:10 PM
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Cc: (b) (6), (b) (7)(C)
Subject: Weekly Report - 14 Nov (b) (6)

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Changes from the last update are in red.

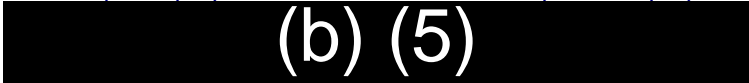
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(b) (5), (b)(6); (b)(7)(C)

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- Will discuss with (b) (6), (b) (7) turning over PM duties for this PRD, per (b) (6), (b) (7)
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 - Current Hidalgo County design does not allow for holding grates open, and makes lifting grates difficult and possibly a safety concern for inexperienced workers.
 - Received test data from (b) (6), (b) (7) & (b) (6), (b) (7)(C) on pins for pinning proposal 15 Oct.
 - Currently evaluating data.
 - (b) (5)
 - I'll discuss with (b) (6), (b) (7) whether she wants to initiate a study.
- CTIMR Support – Area 4
 - RGV – providing technical support for (b) (6), (b) (7) on unsuitable caliche for levee maintenance, on (b)(7)(E) maintenance scope, and on lifting system for (b)(7)(E) grates.
 - Working to establish standard specification for caliche.
 - Collecting sample caliche specs & discussing issues with local supplier's engineer.
 - RGV Access Road M&R
 - Visited Sector and site with Primus & (b) (6), (b) (7) & (b) (6), (b) (7)(C).
 - Prepared recommendations for M&R for CWP#2 access roads.
 - Discussions held 12 Oct with (b) (6), (b) (7) / (b) (6), (b) (7) to finalize task descriptions for access roads
 - Received Primus recommendations for road M&R categories for future classification of M&R.
 - (b) (5), (b) (7)(E)
 - Worked with (b) (6), (b) (7)(C) to clarify standards for cross slopes and aggregate thickness calculations

Deliverables

- RGV Gates IPT minutes for 7 November meeting

(b) (6), (b) (7)

(b) (6), (b) (7)(C), PE, PMP
 Program Manager
 LMI
 Border Patrol Facilities and Tactical Infrastructure
 Program Management Office
 Facilities Management and Engineering
 Office: (b) (6), (b) (7)(C)
 Mobile: (b) (6), (b) (7)(C)
"Excel as a trusted strategic partner enhancing

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C) (b) (6)
Subject: FW: Concurrence Required: IFT (b)(7)(E) Road Construction
Date: Monday, June 23, 2014 4:05:54 PM
Attachments: (b) (7)(E) PRD_Draft_02112013R1.doc

FYI – (b) (6) meant to include you on this email.

(b) (6), (b) (7)(C), PMP, LEED AP
Program Manager Lead for TMRP
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management & Engineering
(b) (6), (b) (7)(C) (w) (new number)
(b) (6), (b) (7)(C) (bberry)
(b) (6), (b) (7)(C)

“Excel as a trusted strategic partner enhancing Border Patrol's proud legacy”

From: (b) (6), (b) (7)(C)
Sent: Monday, June 23, 2014 1:03 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6) (b) (6), (b) (7)(C)
Subject: FW: Concurrence Required: IFT (b)(7)(E) Road Construction

All: attached is a DRAFT PRD that was circulated almost 18 months ago. In it the PRELIMINARY construction cost was for \$ (b) (5) I'll forward a later email that (b) (5) (b) (5) FM&E stated we wouldn't provide an estimate until the 30% design was complete.

From: (b) (6), (b) (7)(C)
Sent: Tuesday, February 12, 2013 9:50 AM
To: (b) (6), (b) (7)(C) J
Cc: (b) (6), (b) (7)(C)
Subject: Concurrence Required: IFT (b)(7)(E) Road Construction

Good Morning All,

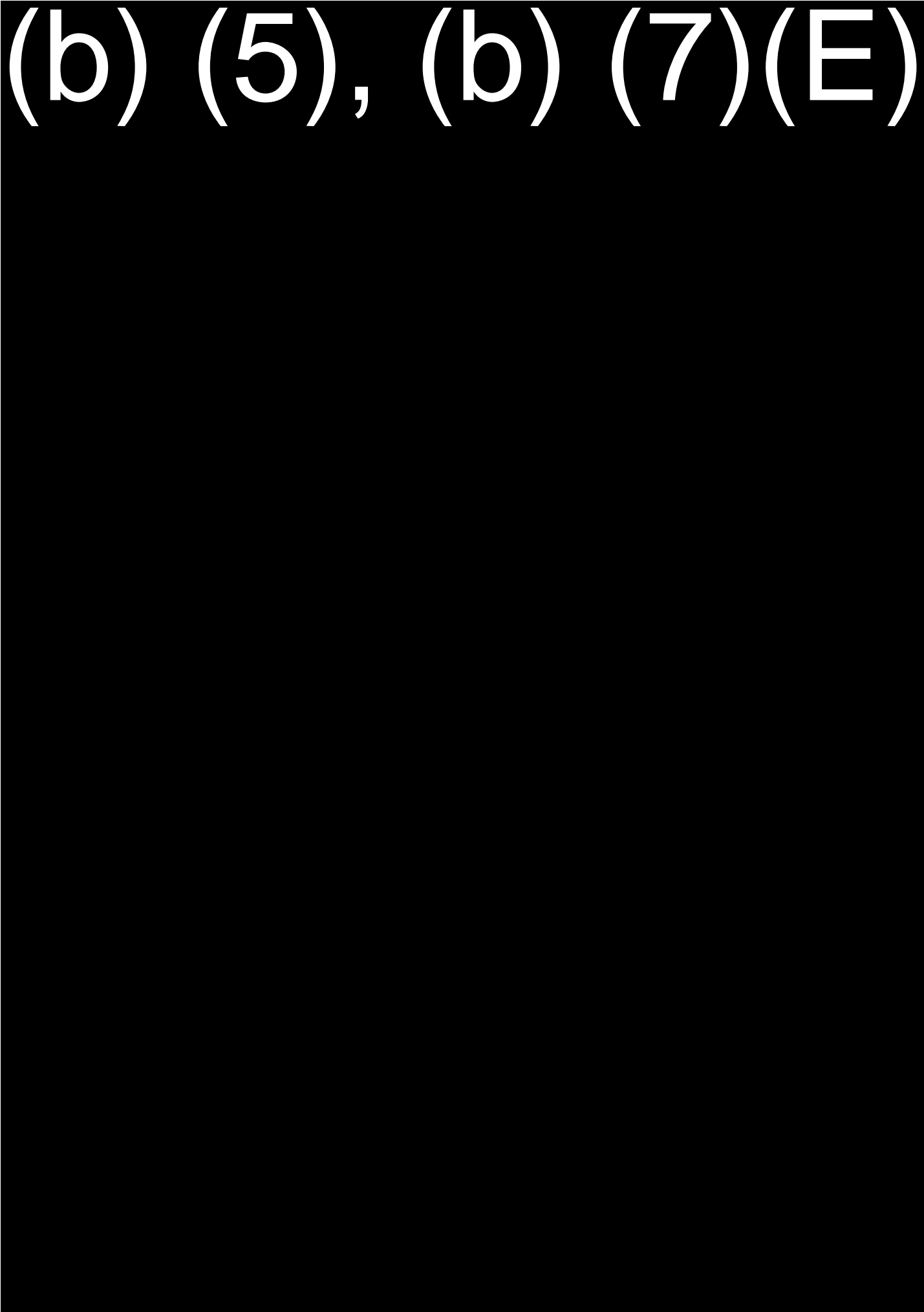
Attached you will find the draft PRD for IFT Roads construction (b)(7)(E) Please provide concurrence or additional comments no later than COB 2/16/2013.

Regards,

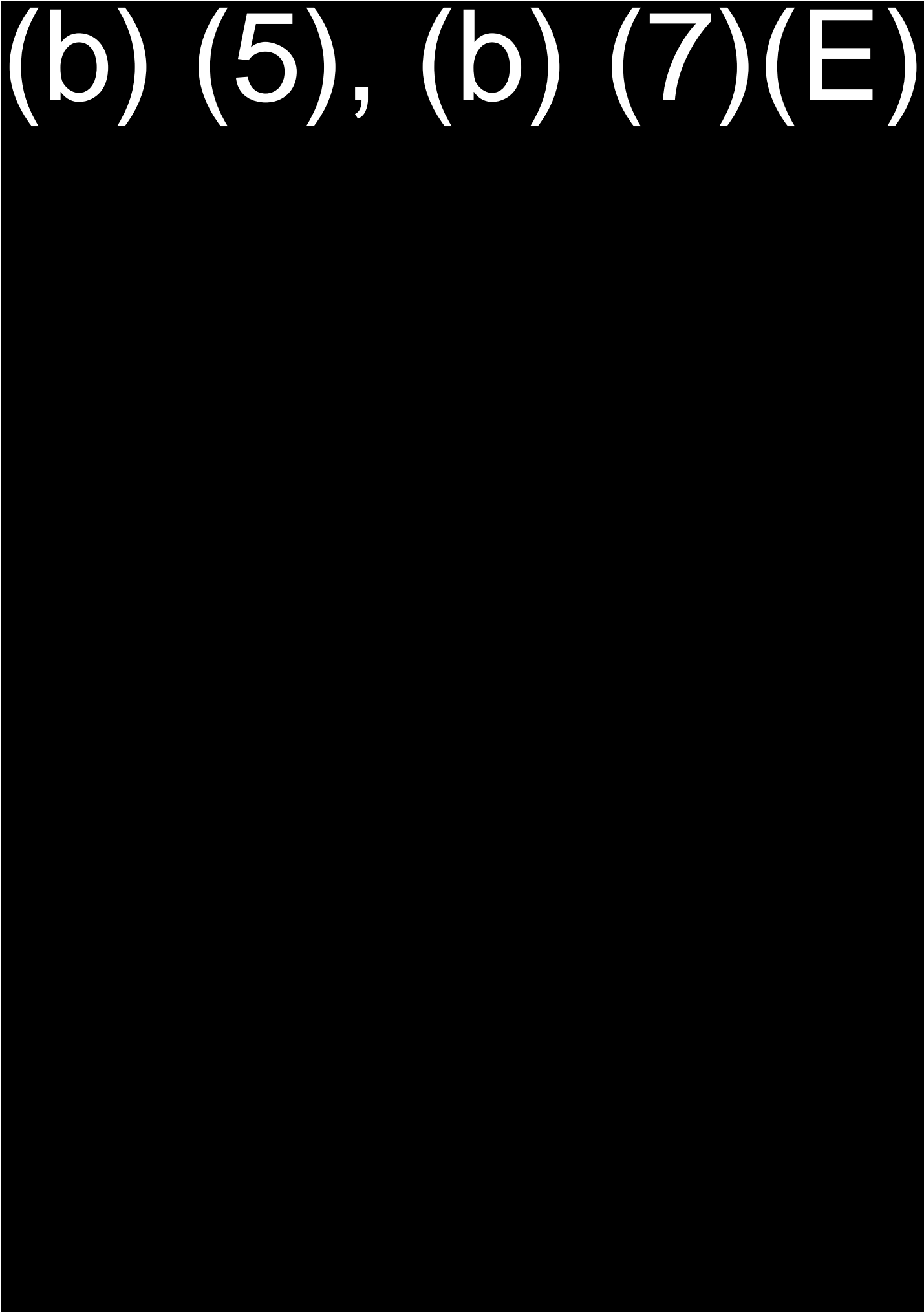
(b) (6), (b) (7)(C)
Program Analyst, Business Operations
Border Patrol Facilities & Tactical Infrastructure
Program Management Office
Facilities Management & Engineering
Phone (b) (6), (b) (7)(C)
Email: (b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy

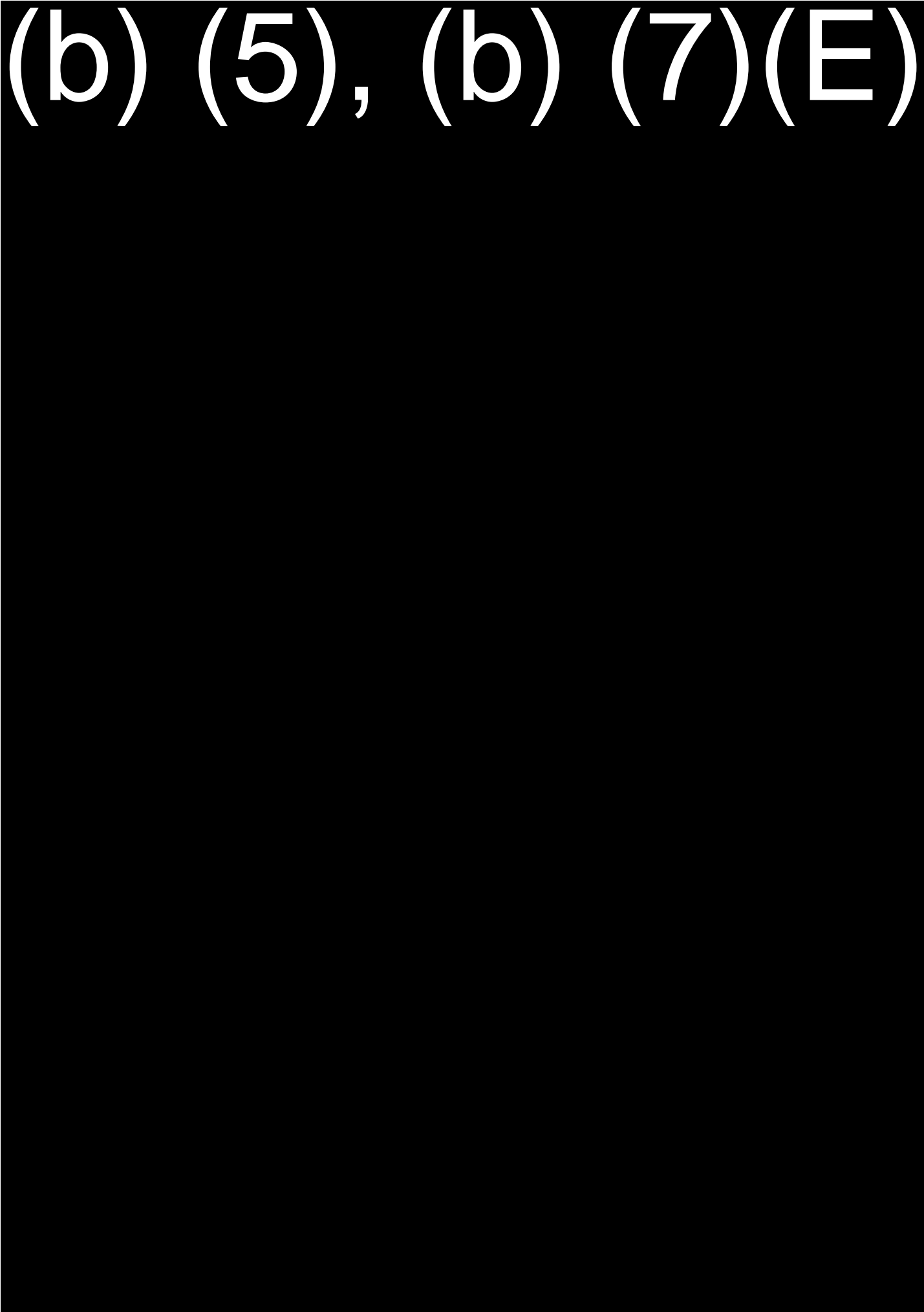
(b) (5), (b) (7)(E)



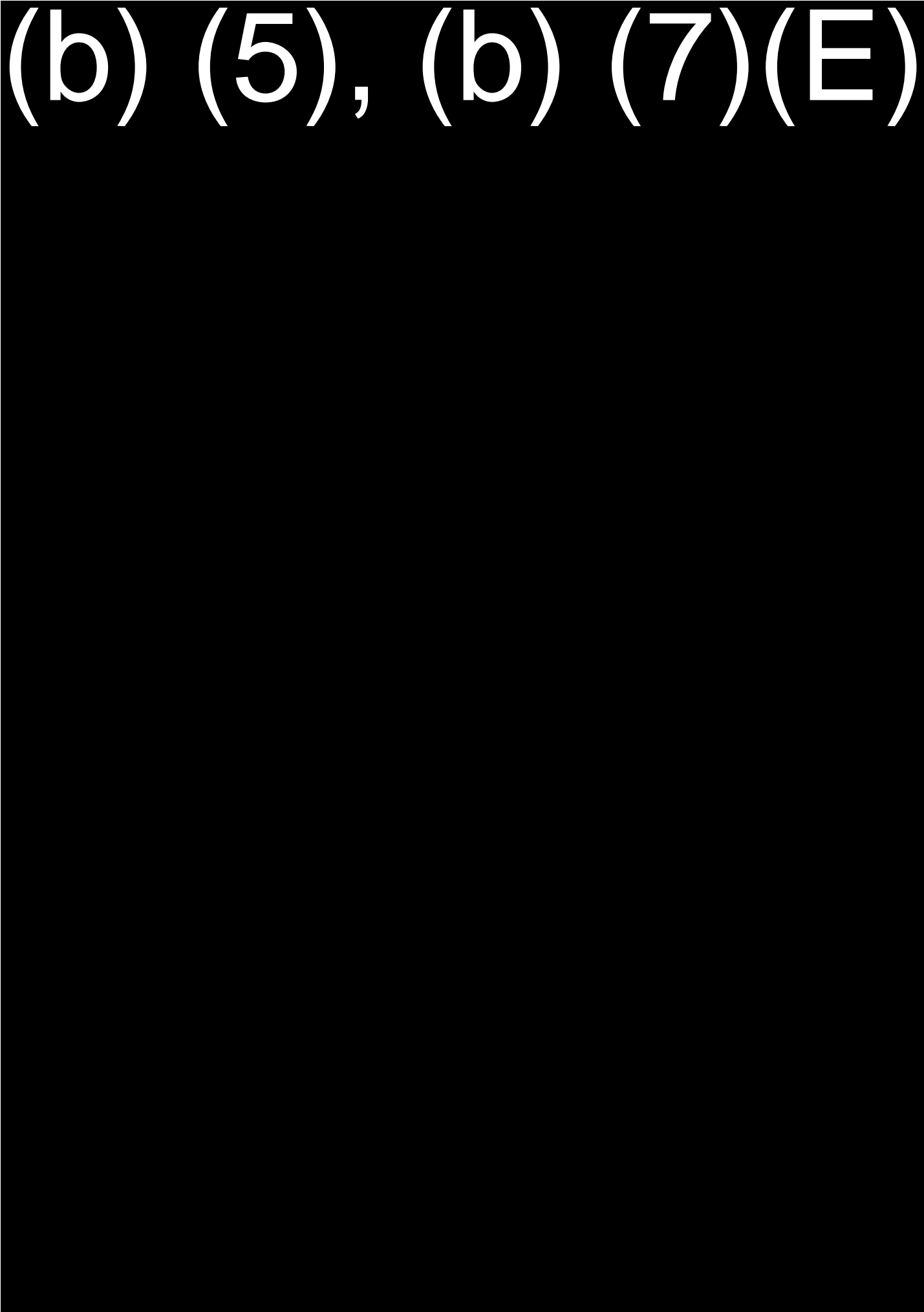
(b) (5), (b) (7)(E)



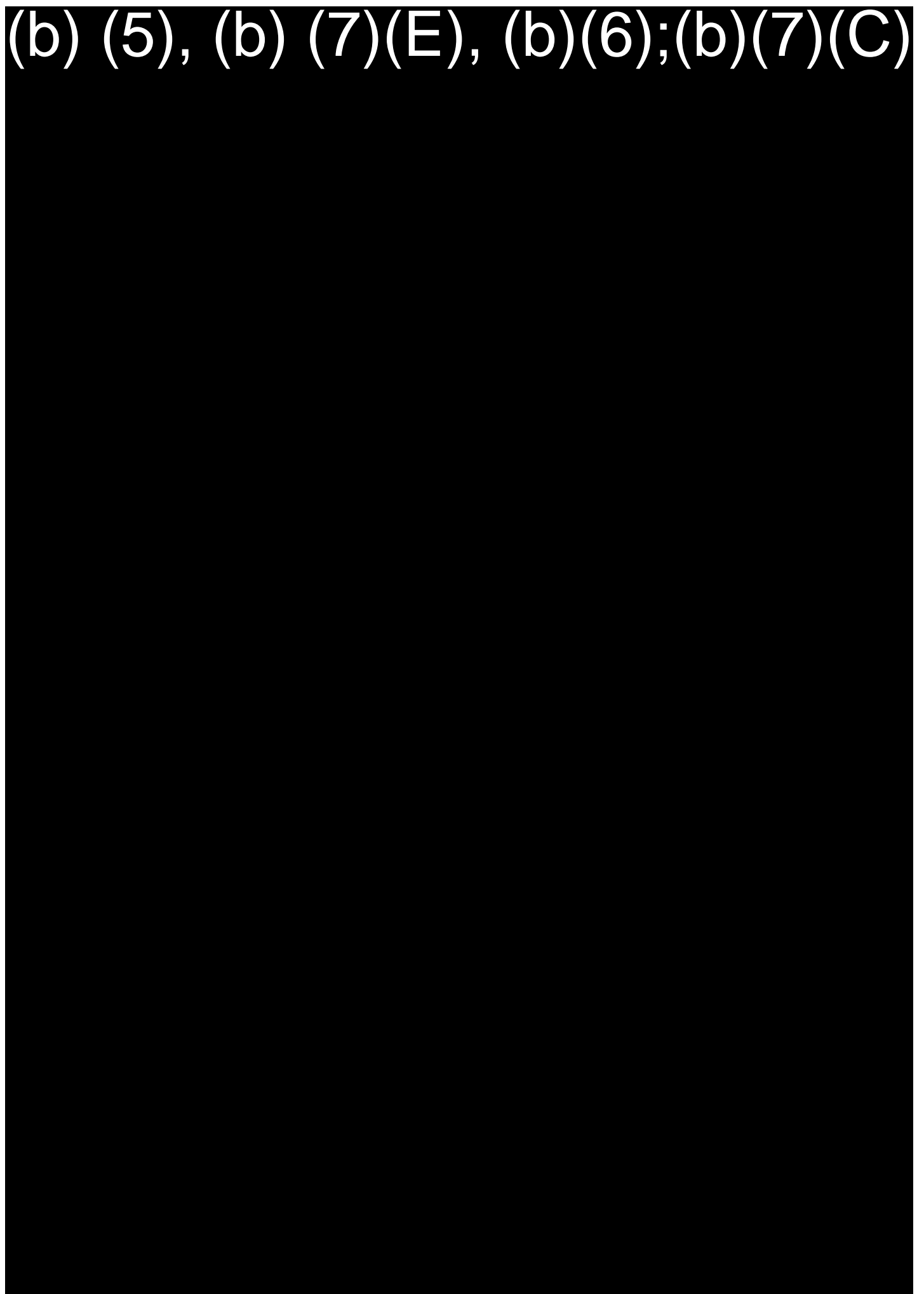
(b) (5), (b) (7)(E)



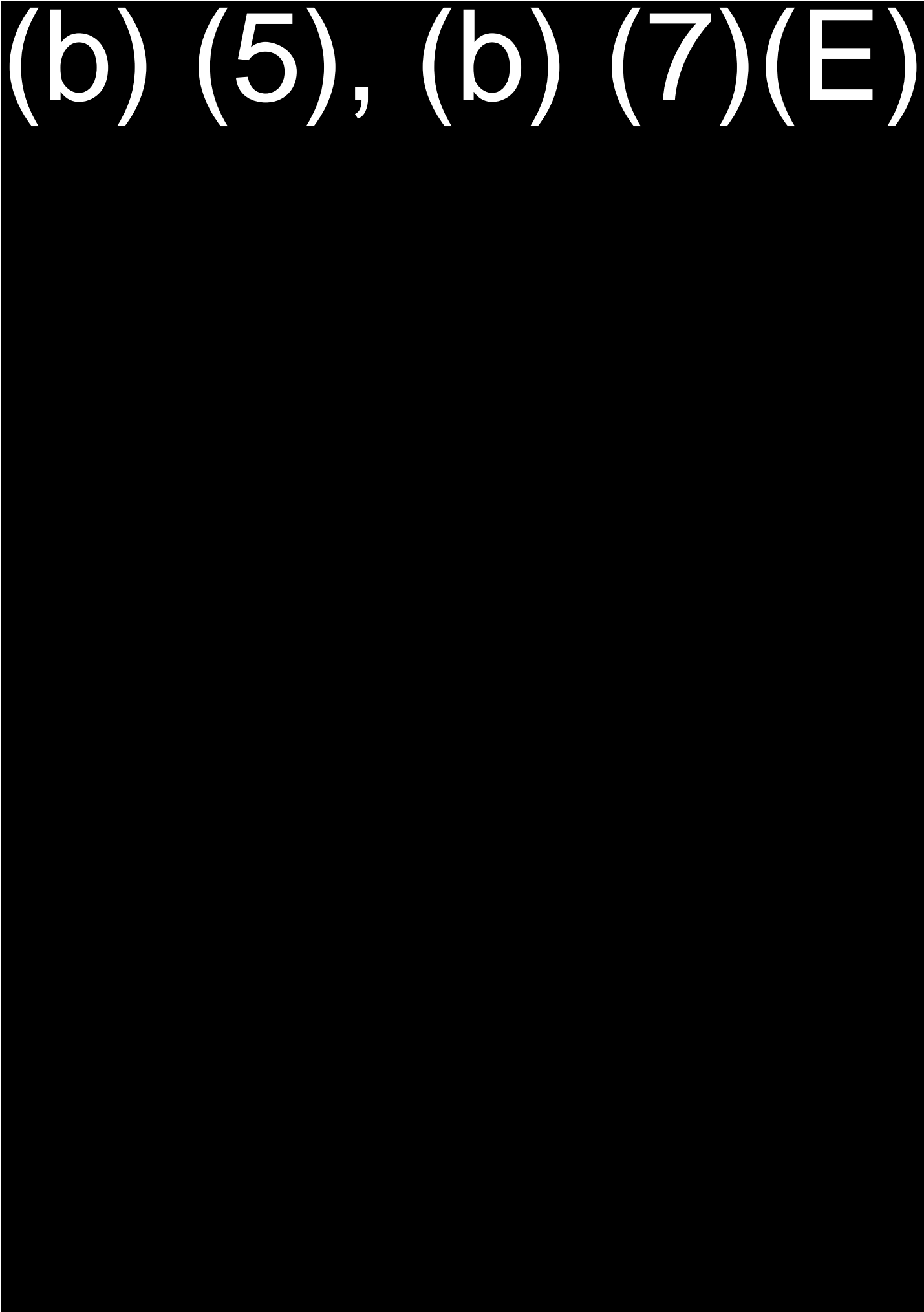
(b) (5), (b) (7)(E)



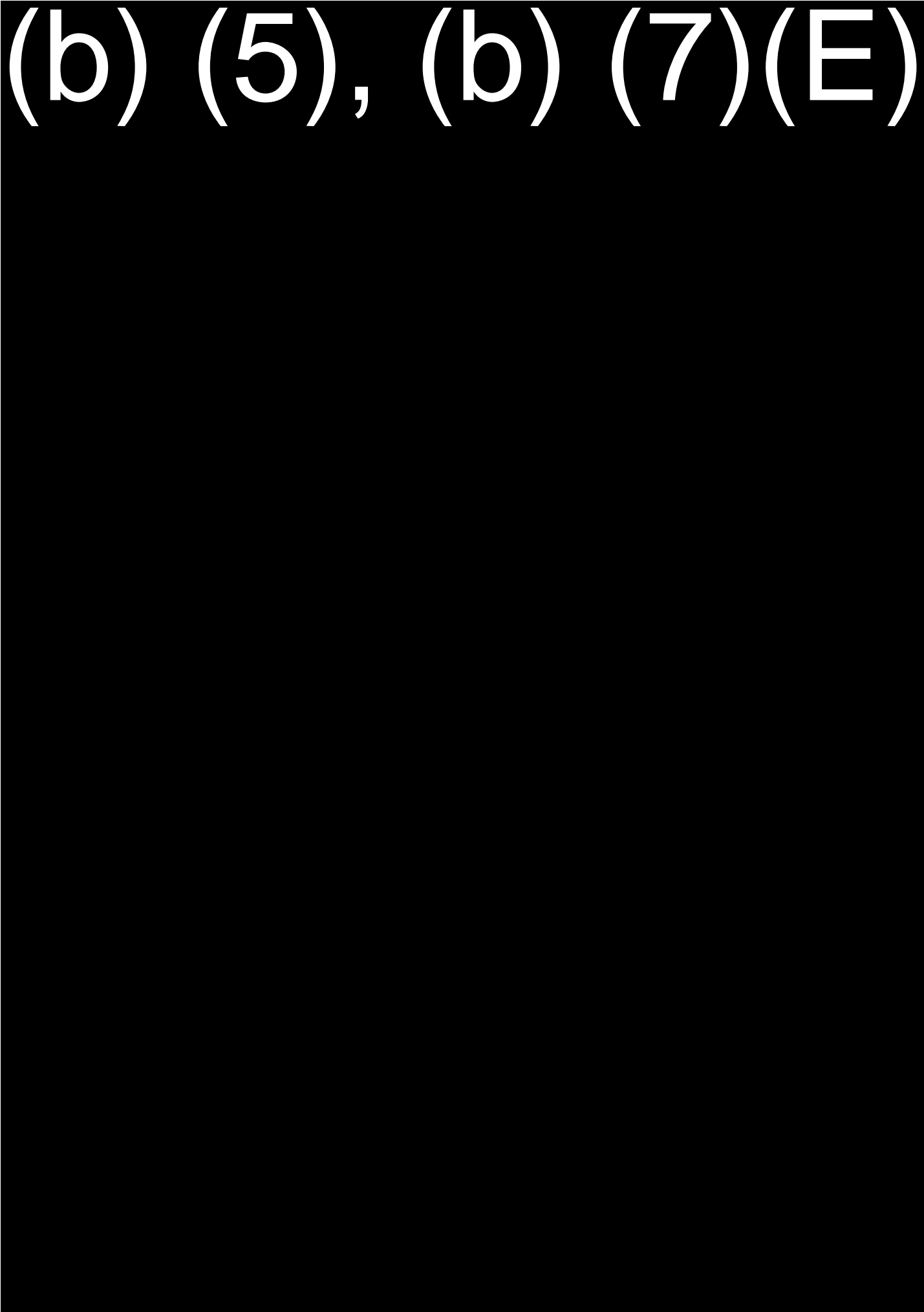
(b) (5), (b) (7)(E), (b)(6);(b)(7)(C)



(b) (5), (b) (7)(E)

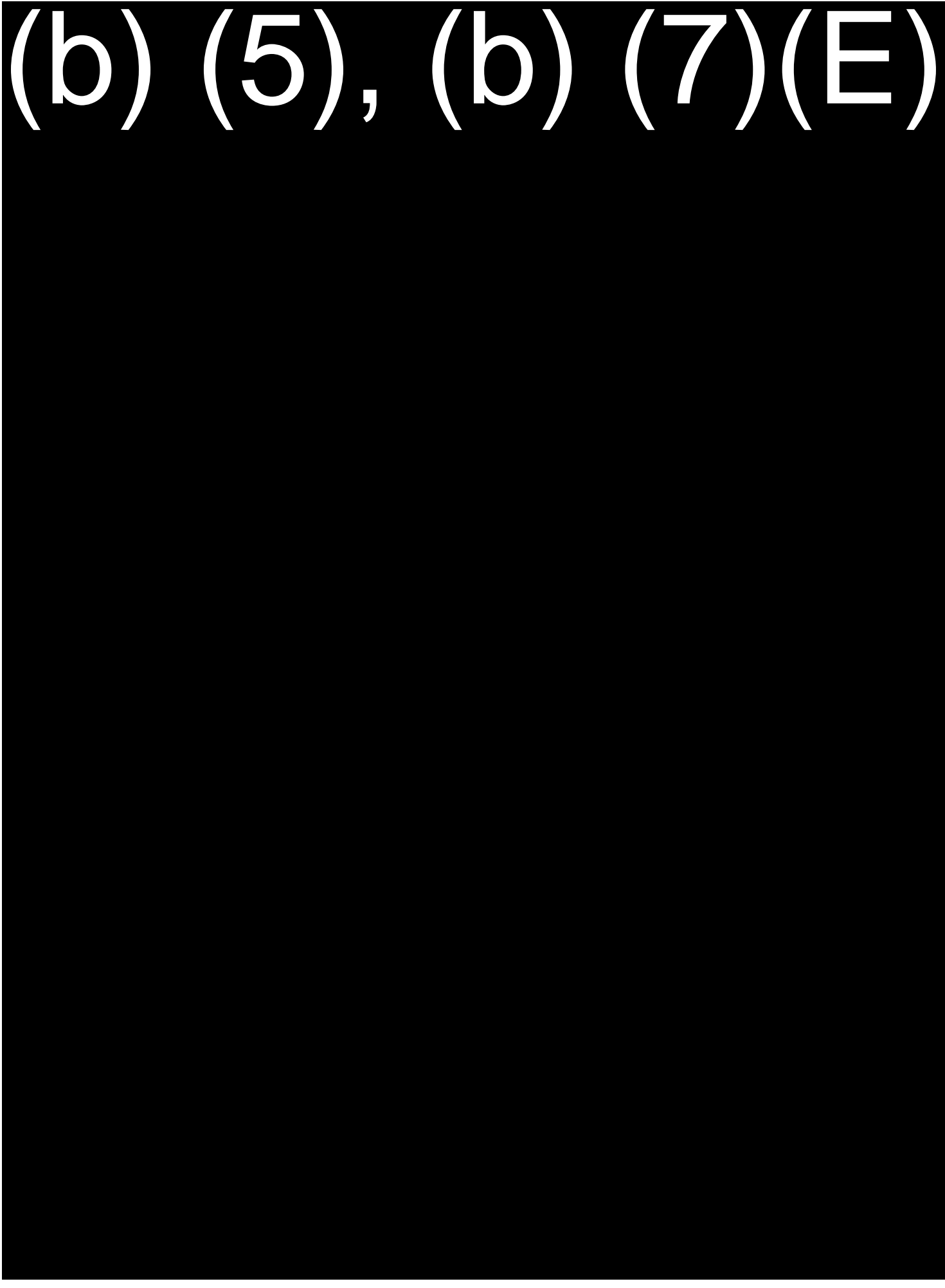


(b) (5), (b) (7)(E)



(b) (5), (b) (7)(E)

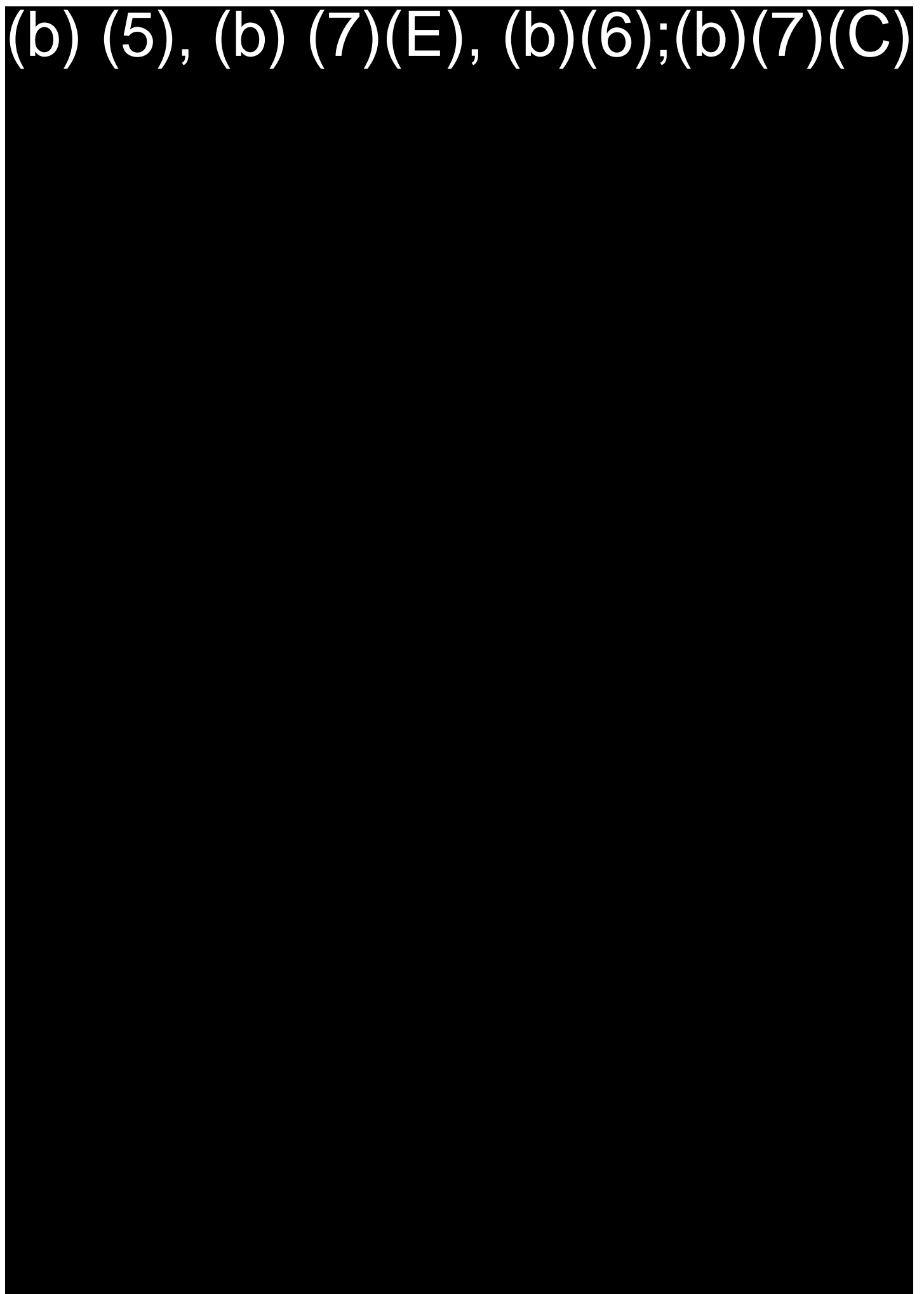
(b) (5), (b) (7)(E)



(b) (5), (b) (7)(E)

(b) (5), (b) (7)(E)

(b) (5), (b) (7)(E), (b)(6);(b)(7)(C)



From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Weekly Report - 7 Mar (b) (6)
Date: Thursday, March 07, 2013 9:36:32 AM

(b) (6), (b) (7)

Changes from the last update are in red.

Hot Issues

- RGV Gates
 - Updated schedule received 20 Jan from Weston/USACE
 - Pier drilling and pier caps complete on all gates in (b) (7)(E). Steel fabrication continues to delay progress for Weston.
 - Access cure during gate closures – Weston proposed (b) (5) (b) (6), (b) (7)(C) and (b) (6), (b) (7)(C) concurred; USACE advised. No other alternate access issues.
 - Gate Closure Communications
 - BOD has message on HOTLINE advising of new schedule, and is providing updates.
 - Working on notification letters to landowners from (b) (7)(E).
 1. Completed (b) (7)(E), (b) (7)(E). Working (b) (7)(E)
 - Landowner training
 - Sector training held for the Station trainers on 11/12 Dec.
 - New OCC comments received 28 Feb. Working revisions.
 - Design Package #3
 - Plan in hand site visit held 7/8 Feb.
 - Revised plans sent by Weston on 20 Feb for review. Comments provided and being worked.
 - IBWC has no comments on revised design package.
 - Warranty Management Plan & O&M Manual Section 2
 - All review comments resolved. Weston is implementing final agreements.
 - IBWC coordination
 - Facilitated meeting with IBWC to discuss their approval of Design Packages #1 and #2. (b) (6), (b) (7)(C) arranged the meeting.
 - Provided real estate information they requested for (b) (7)(E) on 1 Feb.
 - IBWC approved DP#3.
 - Waiting on IBWC update on Upper Brownsville Levee Rehab award.
 - (b) (6), (b) (7)(C) sent note on 20 Feb asking for an update.
 - IBWC response 22 Feb – delay in NTP; no start date estimated.
- Contracting advised that contract awards and extensions are on hold due to sequestration.
 - (b) (6), (b) (7)(C) working with (b) (6), (b) (7)(C) to determine any flexibility. Standing by to support as needed.

Major Efforts

- Renewal Contracts – Round IV
 - Twelve contracts awarded. No more contracts are to be awarded (YUM Veg/Debris is on hold).
 - El Paso Fence – last option will expire 8 Jan

- Yuma Fence – last option will expire 24 Jan
 - Tucson Fence – last option will expire 24 Jan
 - Yuma Roads – last option will expire 22 Jan
 - Tucson Roads – last option will expire 30 Jan
 - El Paso Roads – last option will expire 30 Jan
 - Tucson Veg/Debris – last option will expire 21 May; extension available.
 - Yuma Lighting – last option will expire 3 May; extension available
 - El Paso Lighting – last option will expire 4 May; extension available
 - BBT Roads – last option will expire 26 Mar.
 - EPT Veg/Deb – first option has been exercised, good thru 11 Apr. Requested award of 2nd option 4 Mar.
- ECSO provided ROM estimate for WA #1, #2, #3, for new TI M&R contracts.
 - Also provided estimate for extensions, if approved by their CO.
 - Decision issued 9 Nov – no extensions allowed.
 - Standing down on using ECSO for gap filler for WA#1.
 - \$120K transferred to ECSO 29 Nov to cover PM to get contracts awarded.
 - EPT and TCA Fence were identified as top priority needs, with TCA and EPT Roads next, and BBT Roads/Veg/Debris next.
 - Also working with (b) (6), (b) (7)(C) on TCA Gate Opening contract extension and TCA Lighting reprocurement.
 - Gate opening contract will be extended effective 17 Feb, for 3 months thru mid-May 2013.
 - Tim will work new lighting contract thru Sector procurement.
 - YUM M&R coverage
 - Fence will be done in-house until CTIMR
 - Roads will be done in-house and with small contract thru CBP Procurement
 - Gap filler roads/veg/debris contract being developed by (b) (6), (b) (7)(C) – under \$ (b) (5)
 - 45 day gap filler packages sent to (b) (6); (b) (7)(C) for review for TCA and EPT Fencing.
 - EPT Fencing contract awarded to Cerrudo 19 Dec for \$142,518.98, from 9 Jan – 23 Feb 2013.
 - Extension being worked by (b) (6), (b) (7)(C) (b) (6), (b) (7)(C) prepared funds request for additional \$ (b) (5) to cover extension thru 31 March.
 - TCA Fencing PO issued to Capers in the amount of \$82,243.36 on 3 Jan 2013.
 - Request for TCA extension sent 11 Feb. Burn rates are running low which helps keep total under \$ (b) (5) simplified acquisition threshold.
 - (b) (6), (b) (7)(C) proposed extending contract from 12 Mar to 12 May.
 - (b) (6), (C) will prepare estimate of funds needed thru 12 May.
- Working on budget and estimated quantities for EPT & TCA Fence and Roads contracts with (b) (6), ECSO.
 - Baseline schedule showed NTP of 11 Mar 2013 for all four contracts.
 - Schedule update on 6 March shows NTP's as follows;
 - TCA Fence – 20 April
 - TCA Roads – 9 April
 - EPT Fence – 23 April
 - EPT Roads – 23 April
 - BBT Roads – 24 April (not in latest schedule; will check)
 - Delays were attributable to changes in some RFP packages and contracting reviews comment resolution.

- Funds provided 8 Jan for \$2,118K for 4 contracts.
 - ECSO reviewing need for PgM and Const O/S funding and will provide adjusted estimates.
 - ECSO agreed to provide Const O/S support for CBP gap filler fencing contracts, and requested \$ (b) (5) on 2 Jan. Funds approved by (b) (6), (b) (7) and provided to ECSO.
- Tactical Infrastructure Condition Index Working Group
 - Sent OBP email – full time working group support not needed. Will call (b) (6), (b) (7) for feedback.
 - **First meeting held 1 March.**

Good News

Concerns

- (b)(7)(E) Bridge – Security Requirements

(b) (5)

- (b) (6), (b) (7)(C) from OFO HQ called on 22 Jan to get update on (b)(7)(E) He's involved with UP settlement funding. (b) (5)
- Reached out to CC counsel on easement outgrant 28 Jan due to slow progress. (b) (5)
- Provided support to BOD for meeting with Congressional staffs held on 15 Feb.
 - Advised by BOD that CC is still applying to the state for funding.
- Span across Rio Grande has been installed, with fencing to deter pedestrian traffic.
- Completion of (b)(7)(E) project is on hold, per County's construction manager.
 - Real estate acquisition is now complete.

(b) (5)

- Sent CCRMA email offering swing gate option 7 Dec.
- RGV (b)(7)(E) Highway – Fence Relocation
 - Confirmed funding available from TxDOT & CCRMA bonds; final estimate not developed yet
 - Coordination w/IBWC will start once TxDOT approves draft EA
 - CC engineer sent latest schedule & draft EA 8 Mar
 - Forwarded EA to (b) (6), (b) (7)(C) 2 Apr.
 - Received maps from CC engineer 25 Jun.
 - Latest schedule received from TXDOT 28 Jan 2013. No change in contract letting date of Dec 2013. CCRMA is still working EA & BA.

- IBWC Riverside MOA & design
 - Response to BPFTI comments received
 - Some items will need to be funded by BPFTI
 - Draft MOA submitted to IBWC 15 June for review.
 - Received IBWC comments and sent CBP comments to them on 22 Oct.
 - Working IAA for guard rail and security grating over valve vault
 - USACE will initiate design – tasked to them 14 Sep.
 - Requested update 16 Oct.
 - Will contract separately from IBWC, so no IAA will be required.
 - IBWC advised on 28 Feb that project does not have funding and will be shelved until funding is available. Guard rail and security grating should be considered for continued action.
- Grate Raising Winches (b)(7)(E) RGV
 - Legal advised that O&M was correct funds source. Drafted PRD
 - RE input received; requested RE and ECSO cost/schedule info 18 Oct
 - ECSO continues to have trouble getting in-house engineering support.
 - ECSO PM provided estimate on 20 Jun. Will request updated estimate e to cover (b)(7)(E) grate as well.
 - Discussed with (b)(6), (b)(7)(C) turning over PM duties for this PRD, 12 Dec. I will be engineering support
- (b)(7)(E) Grates – vegetation accumulations are resulting in high maintenance and need to raise grates and hold them open.
 - Current Hidalgo County design does not allow for holding grates open, and makes lifting grates difficult and possibly a safety concern for inexperienced workers.
 - Received test data from (b)(6), (b)(7)(C) & (b)(6), (b)(7)(C) on pins for pinning proposal 15 Oct.
 - Currently evaluating data.
 - (b)(5)
 - I'll discuss with (b)(6), (b)(7)(C) whether she wants to initiate a study.
- CTIMR Support – Area 4
 - RGV - providing technical support for (b)(6), (b)(7)(C) on unsuitable caliche for levee maintenance, on (b)(7)(E) maintenance scope, and on lifting system for (b)(7)(E) grates.
 - Working to establish standard specification for caliche.
 - Collecting sample caliche specs & discussing issues with local supplier's engineer.
 - Need to finalize standard for drag roads; need to reconfirm Sector requirement for width (b)(6), (b)(7)(C) and get (b)(6), (b)(7)(C) final review.
 - RGV Access Road M&R
 - Visited Sector and site with Primus & (b)(6) Boatman.
 - Prepared recommendations for M&R for CWP#2 access roads.
 - Discussions held 12 Oct with (b)(6), (b)(7)(C) to finalize task descriptions for access roads
 - Received Primus recommendations for road M&R categories for future classification of M&R.
 - (b)(5), (b)(7)(E)
 - Worked with (b)(6), (b)(7)(C) to clarify standards for cross slopes and aggregate thickness calculations

Deliverables

- RGV Gates IPT minutes & agenda

(b) (6), (b) (7)

(b) (6), (b) (7)(C), PE, PMP

Program Manager

LMI

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

"Excel as a trusted strategic partner enhancing

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Re: M&R Round V Contracts (UNCLASSIFIED)
Date: Wednesday, March 06, 2013 6:10:51 PM

(b) (6), (b) (7)

Sorry to say that this is all moving at various speeds. All we can do is work with what we have...

----- Original Message -----

From: (b) (6), (b) (7)(C)
Sent: Wednesday, March 06, 2013 03:29 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: M&R Round V Contracts (UNCLASSIFIED)

(b) (6), (b) (7)

(b) (5)

EPT Fencing is extended and funded thru 31 March, so we have a little more time on it. But we'll need another extension for it as well.

(b) (6), (b) (7)

(b) (6), (b) (7)(C), PE, PMP
Program Manager
LMI
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
"Excel as a trusted strategic partner enhancing
Border Patrol's proud legacy"

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Wednesday, March 06, 2013 3:04 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Re: M&R Round V Contracts (UNCLASSIFIED)

Ok. (b) (5)

----- Original Message -----

From: (b) (6), (b) (7)(C)
Sent: Wednesday, March 06, 2013 03:00 PM
To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)
Subject: FW: M&R Round V Contracts (UNCLASSIFIED)

(b) (6), (b) (7)(C),

Here is the official ECSO estimated schedule for the Round V ECSO contracts for EPT and TCA Fencing and Roads. All NTPs are estimated between (b) (5) as follows:

EPT Fencing (b) (5)
EPT Roads - (b) (5)
TCA Fencing (b) (5)
TCA Roads - (b) (5)

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), PE, PMP

Program Manager

LMI

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

"Excel as a trusted strategic partner enhancing
Border Patrol's proud legacy"

-----Original Message-----

From: (b) (6)

Sent: Wednesday, March 06, 2013 2:22 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6)

Subject: M&R Round V Contracts (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

All,

Attached is the latest schedule.

The latest:

Tucson Roads: Proposal received and preparing for negotiations early next week.

Tucson Fence: RFP issued, due 15Mar.

El Paso Roads: RFP issued, due 18Mar.

El Paso Fence: RFP issued, due 18Mar.

Thanks,

(b) (6)

U.S. Army Corps of Engineers

Engineering & Construction Support Office

819 Taylor St. Suite 3A14

Ft. Worth, TX 76102

Office: (b) (6)

Cell: (b) (6)

Fax: (b) (6)

Classification: UNCLASSIFIED
Caveats: NONE

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Subject: FW: (b)(7)(E) Bridge - Span across the river
Date: Monday, November 26, 2012 1:23:19 PM
Attachments: [IMG_2848.jpg](#)
[IMG_2849.jpg](#)

(b) (6), (b) (7)

Here are photos of the latest work. Photo 2849 shows the span across the river, the work on the Mexican side, and the fact that no fencing is installed on the US side of the bridge except for the temporary fence across the bridge at the first US bent.

(b) (6), (b) (7)

From: (b) (6), (b) (7)(C)
Sent: Monday, November 26, 2012 1:00 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: (b)(7)(E) Bridge - Span across the river

(b) (6), (b) (7)

Here are some photos and if you need more let me know.

(b) (6), (b) (7)(C)
Border Patrol Agent
RGV SBI TI / GIS
Rio Grande Valley Sector
Office (b) (6), (b) (7)(C)
Cell (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Monday, November 26, 2012 10:57 AM
To: (b) (6), (b) (7)(C)
Subject: (b)(7)(E) Bridge - Span across the river

Does anyone have a photo of the "completed" bridge with the span across the river? I can't seem to find one in my files. Thanks for the help!

(b) (6), (b) (7)(C), PE, PMP
Program Manager
LMI
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
*"Excel as a trusted strategic partner enhancing
Border Patrol's proud legacy"*





From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: PR's that require the Assistant Deputy Commissioner's approval
Date: Monday, March 11, 2013 2:59:55 PM
Attachments: [TCA PR for extension 1 01 13 HSBP1013P00082 PR 20073302.msg](#)

(b) (6), (b) (7)(C)

I just talked to (b) (6), (b) (7)(C). The (b) (5) PR is NOT for Fencing M&R. It is for Lighting M&R as stated.

Attached is the funds request for (b) (6), (b) (7)(C) for Fencing M&R that (b) (6), (b) (7)(C) sent last Monday which is needed to assure we make it thru the extension period. We currently have funds available on the contract, so the extension can be issued without the funds.

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), PE, PMP
Program Manager
LMI
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
*"Excel as a trusted strategic partner enhancing
Border Patrol's proud legacy"*

From: (b) (6), (b) (7)(C)
Sent: Monday, March 11, 2013 2:43 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: PR's that require the Assistant Deputy Commissioner's approval

All,

(b) (5), (b) (6); (b) (7)(C)

Thanks,

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Contracting Officer

US Customs and Border Protection/DHS

Facilities, Financial & Acquisition & Procurement Contracting Branch

Phone: (b) (6), (b) (7)(C)

Fax: (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Monday, March 11, 2013 1:32 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Re: PR's that require the Assistant Deputy Commissioner's approval

(b) (6), (b) (7)(C)

I believe it is.

(b) (6), (b) (7)(C) and (b) (6), (b) (7)(C) were working the PR.

(b) (6), (b) (7)(C) and (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Monday, March 11, 2013 02:30 PM
To: (b) (6), (b) (7)(C)
Subject: RE: PR's that require the Assistant Deputy Commissioner's approval

Sir, This list doesn't have the TCA gap filler fence contract extension PR 20073302 that ends today at midnight. (b) (5) Don't mean to bug but due to the critical time constraint, I feel compelled.

Thank you sir for all your efforts/juggling of contracts.

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Program Manager/COR, O&M Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)
Sent: Monday, March 11, 2013 10:42 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: PR's that require the Assistant Deputy Commissioner's approval

Wonderful! Thank you so much!

(b) (6), (b) (7)(C)

*Contract Specialist
Border Enforcement Contracting Division
(b) (6), (b) (7)(C)*

Voice: (b) (6), (b) (7)(C)

Fax: (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Monday, March 11, 2013 10:41 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: PR's that require the Assistant Deputy Commissioner's approval

(b) (6), (b) (7)(C) :

See below. These PRs have been approved and would appreciate those being awarded. They have been approved by the Deputy CAE (b) (6), (b) (7)(C).

Let me know if you have any questions...

(b) (6), (b) (7)(C), CBM, PMP
Division Director, IT Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
1301 Constitution Ave. NW, Suite B-155
Washington, DC 20004
Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)

Sent: Monday, March 11, 2013 1:30 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: PR's that require the Assistant Deputy Commissioner's approval

(b) (6), (b) (7)(C)

The first two PR's are assigned to individuals in a different division (The PR's were not on your original CRITICAL LIST for approval).

PR 20068193 in the amount of (b) (5) (Relocation for Water Main Break) is assigned to (b) (6), (b) (7)(C)

PR 20073956 in the amount of (b) (5) (Border Lighting Contract) is assigned to (b) (6), (b) (7)(C).

I have cc'd both specialist and their respective branch managers.

(b) (6), (b) (7)(C)

We've had a continuing dialogue relative to the various requirements that have been approved by

your Assistant Deputy Commissioner (ADC). These requirements were not on your original CRITICAL FUNDED LIST. In order to process these requirements (b) (6), (b) (7)(C) will need the Assistant Deputy Commissioner's stamp of approval, so that they can support their files.

The requirements below are in my branch

PR 20072267 (b)(7)(E) DGL (b)(7)(E) Tower Access Road...still requires budget approval from the PMO (Requires ADC approval)

PR 20072319 IAA with IBWC for Vega Moving Requirement in the amount of (b) (5) (Assigned to (b) (6), (b) (7)(C) and requires ADC approval).

PR 20073077 in the amount of (b) (5) was not approved by your Assistant Deputy Commissioner (RE: your e-mail to me on 3-8-13 at 1:38 pm EST).

APPROVED ADC PR's

PR 20053725 (WA 1 Extension of Services...Should be (b) (5))

PR 20073270 (RE 1 Startup PR in the amount of 0.09)

PR 20073281 (El Paso Gap Filler Modification in the amount of (b) (5) ...ordered in the system)

PR 20073523 in the amount of .01 (Heavy Equipment...20073523 was replaced by a live PR

20073950 in the amount of (b) (5) and ordered in the system).

Let me know if you have any questions.

Thanks,

(b) (6), (b) (7)(C)

Branch Chief/Contracting Officer
Facilities, Financial, Acquisition and Contracting Branch
Customs and Border Protection

Phone: (b) (6), (b) (7)(C)

Fax (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: TCA PR for extension 1 01 13 HSBP1013P00082, PR 20073302
Date: Monday, March 4, 2013 2:59:31 PM
Attachments: [PR for extension 1 04 13 \(2\).doc](#)

(b) (6), (b) (7)(C) please find attached a request to extend the Interim Fence contract in TCA for (b) (5). Current PoP end date is 11 March 2013.

Thank you

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Program Manager/COR, O&M Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

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Tactical Infrastructure Procurement Request

Date: 3/04/2013

Completed by Division Staff / Project Management	
Complete and submit the Procurement Request (PR) form to the Financial Officer for review, revision, and/or approval. Please include the Statement of Work (SOW) and/or Statement of Objectives (SOO) and Independent Government Cost Estimate (IGCE).	
Subject Matter:	TCA Fence Gap Filler Extension
Originator Information:	Name: (b) (6), (b) (7)(C) PM / COR III
PR Amount:	(b) (5)
Contract Type:	8A
Contract Action:	P-Req to Procurement
Summary: This PR is to support the existing Fence Maintenance Contract (HSBP1013P00082). This contracts Period of Performance was extended from 3/11/13 to 5/12/13. This PR is to support continued Fence Maintenance during this extended period.	
Completed by Financial Officer	
Funds Availability	
Fund:	
Fund Center:	
Functional Area:	
Object Class Distribution:	
PR#	
Date Entered into SAP	
Required Approvals	
Division Director: (If different from Originator)	Name Date
Financial Officer:	Name Date
TI Program Manager:	Name Date

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Subject: Fw: Yuma Fence
Date: Monday, September 22, 2014 11:55:51 AM

(b) (6), (b) (7)(C)

Can you elevate this to (b) (6), (b) (7)(C)? This does not provide any of the information needed. Thanks

(b) (6), (b) (7)(C)

From: (b) (6)
Sent: Monday, September 22, 2014 07:30 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Yuma Fence

I trust (b) (6), (b) (7)(C) is asking about the replacement of the old legacy fence in the (b) (7)(E) area. If so, I have viewed the site and can offer the following:



(b) (6), PE, CCP, PMP

LMI

2000 Corporate Ridge
McLean, VA 22102-7805

(b) (6) Desk
(b) (6) Cell

Complex Problems. Practical Solutions.
www.lmi.org

From: (b) (6), (b) (7)(C)
Sent: Monday, September 22, 2014 6:19 AM
To: (b) (6), (b) (7)(C) (b) (6)
Cc: (b) (6), (b) (7)(C)
Subject: Re: Yuma Fence

Thanks.

From: (b) (6), (b) (7)(C)
Sent: Sunday, September 21, 2014 04:36 PM
To: (b) (6), (b) (7)(C); (b) (6)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Yuma Fence

(b) (6), (b) (7) -please respond as you are more familiar with this section of fence.

Thanks

(b) (6), (b) (7)

From: (b) (6), (b) (7)(C)
Sent: Friday, September 19, 2014 3:35 PM
To: (b) (6), (b) (7)(C); (b) (6)
Cc: (b) (6), (b) (7)(C)
Subject: FW: Yuma Fence

(b) (6), (b) (7) and (b) (6)

Can you provide answers to (b) (6), (b) (7)(C)

Please respond by Monday.

I have included (b) (6), (b) (7) for RE/ENV visibility.

From: (b) (6), (b) (7)(C)
Sent: Friday, September 19, 2014 12:38 PM
To: (b) (6), (b) (7)(C)
Subject: Yuma Fence

(b) (6), (b) (7)

Yesterday. I met with Ops Division regarding this project. We are working to put together information on this effort and could use some assistance from the technical side. A few questions:

(b) (5)

Thanks

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Director-Border Patrol TI
SPPA-ORMB-MAG

(b) (6), (b) (7)(C) Office

(b) (6), (b) (7)(C) BB

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Subject: Re: (b) (6)
Date: Wednesday, September 17, 2014 1:34:58 PM

Did we consult with OTIA??

From: (b) (6), (b) (7)(C)
Sent: Wednesday, September 17, 2014 10:18 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: (b) (6)

Good Afternoon (b) (6), (b) (7)(C)
Please see below in red for a response to your questions regarding (b) (7)(E). Please don't hesitate to contact me should you need additional detail.

(b) (5), (b) (7)(E)

Regards,

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), P.E., LEED AP
TI SME, BPFTI
LMI Government Consulting
Office: (b) (6), (b) (7)(C)
BB: (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Tuesday, September 16, 2014 3:57 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: FW: (b) (6)

Team,

Please see (b) (6), (b) (7)(C) email below. He needs assistance answer construction questions.

Thanks,

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)
Director, RE and ENV Services Division
Border Patrol Facilities and Tactical Infrastructure
Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)

Sent: Tuesday, September 16, 2014 2:25 PM

To: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Cc: (b) (6) (b) (6), (b) (7)(C)

Subject: FW: (b) (6)

(b) (5)

(b) (5)

(b) (6), (b) (7)

(b) (6), (b) (7)(C)

Senior Attorney
Office of Assistant Chief Counsel, Indianapolis
Customs and Border Protection

ph: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

~~This information is intended to be confidential and is not subject to disclosure outside the agency or to the public. Please consult with the Office of Assistant Chief Counsel Indianapolis, U.S. Customs and Border Protection before disclosing any information contained in this email.~~

-----Original Message-----

From: (b) (6)
Sent: Monday, September 15, 2014 3:21 PM
To: (b) (6), (b) (7)(C)
Subject: FW: (b) (6)

(b) (5)

-----Original Message-----

From: (b) (6)
Sent: Monday, September 15, 2014 12:03 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
Subject: Re: (b) (6)

(b) (6), (b) (7)(C)

(b) (5)

I look forward to your answers, thank you.

(b) (6), (b)

Sent from my iPad

> On Sep 15, 2014, at 11:05 AM, '(b) (6)' wrote:
>

(b) (5)

(b) (5)

>

>

>

> (b) (6)

> Assistant United States Attorney

> District of Arizona, Civil Division

> 405 West Congress Street - Suite 4800

> Tucson, Arizona 85701

> (b) (6) Main Line

> (b) (6) Direct Line

> (b) (6) Fax

> (b) (6)

>

>

>

>

>

>

>

> <TCA (b)(7)(E) 021313_pg01.pdf>

> <Schedule C.PDF>

> <Schedule D.PDF>

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Subject: RE: (b)(7)(E) Bridge Gate Design(s)
Date: Tuesday, October 14, 2014 8:35:15 AM

Absolutely

From: (b) (6), (b) (7)(C)
Sent: Tuesday, October 14, 2014 8:27 AM
To: (b) (6), (b) (7)(C)
Subject: Re: (b)(7)(E) Bridge Gate Design(s)

I'll join you as well. Ok?

From: (b) (6), (b) (7)(C)
Sent: Tuesday, October 14, 2014 08:18 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: (b)(7)(E) Bridge Gate Design(s)

Copy

From: (b) (6), (b) (7)(C)
Sent: Tuesday, October 14, 2014 8:13 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Re: (b)(7)(E) Bridge Gate Design(s)

All,

Just to make sure you received the info for today's call with (b) (6), (b) (7)(C) and HNTB to discuss the Bridge Gate.

The call is scheduled at 10:00 AM today, Tuesday, October 14th:

(b) (7)(E)
[Redacted]
[Redacted]

Hope you can make it.

(b) (6), (b) (7)(C)
[Redacted]

(b) (6), (b) (7)(C)
[Redacted]

From: (b) (6), (b) (7)(C)
Sent: Friday, October 10, 2014 10:58 AM

To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Re: (b)(7)(E) Bridge Gate Design(s)

Works for me
Thanks

Sent from my bb-please excuse poor grammar, misspelled or missing words, etc.

From: (b) (6), (b) (7)(C)
Sent: Friday, October 10, 2014 10:43 AM Eastern Standard Time
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Re: (b)(7)(E) Bridge Gate Design(s)

(b) (6), (b) (7)(C)

I just spoke to (b) (6), (b) (7)(C) and he is gonna try to schedule a conference call with us an HNTB. There may be some mis-communication from HNTB's part.

I am about to depart from Mexico City and don't land till 3:30 this afternoon. Monday is a holiday and I will be available tuesday till 2pm.

Thanks,

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Tuesday, September 30, 2014 08:04 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: (b)(7)(E) Bridge Gate Design(s)

Copy

From: (b) (6), (b) (7)(C)
Sent: Tuesday, September 30, 2014 5:43 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Re: (b)(7)(E) Bridge Gate Design(s)

(b) (6), (b) (7)(C)

I called (b) (6), (b) (7)(C) but no answer. So I sent him an email.

Not only have they not provided us with the bridge gate design, but they have not started on the lights, fencing or any of the other items needed.

Will let you know once I hear something.

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Monday, September 29, 2014 07:45 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: (b)(7)(E) Bridge Gate Design(s)

Copy

From: (b) (6), (b) (7)(C)
Sent: Sunday, September 28, 2014 9:36 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Re: (b)(7)(E) Bridge Gate Design(s)

Thanks (b) (6), (b) (7)(C)

I will call (b) (6), (b) (7)(C) this week to discuss.

There was a large explosion yesterday at one of the auto bridges that crosses (b)(7)(E) the Mexico side.

(b) (5)

Will know later this week.

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Sunday, September 28, 2014 06:10 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: (b)(7)(E) Bridge Gate Design(s)

(b) (6), (b) (7)(C)

We still haven't received the proposed gate design from HNTB or Cameron County.

Thanks

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Monday, September 08, 2014 7:24 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Re: (b)(7)(E) Bridge Gate Design(s)

Thanks (b) (6), (b) (7) and please keep me posted on any meetings that develop or changes.

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Monday, September 08, 2014 11:50 AM
To: (b) (6)
Cc: (b) (6), (b) (7)(C)
Subject: (b)(7)(E) Bridge Gate Design(s)

Hi (b) (6), (b) (7)

Please have HNTB forward the current proposed bridge gate design to me. I will coordinate the review with Border Patrol.

Thanks

(b) (6), (b) (7)

(b) (6), (b) (7)(C), P.E., PMP, LEED® AP, CCM

LMI

Chief Engineer, AE Services Division

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

Cell (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Subject: FW:(b)(7)(E) Int'l Bridge - November 28 Meeting Notes
Date: Tuesday, December 18, 2012 10:51:18 AM

FYI. So far, El Paso County is moving as promised on the bridge fencing at (b) (7)(E). All good so far.

(b) (6), (b) (7)(C), PE, PMP
Program Manager
LMI
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
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Border Patrol's proud legacy"*

From: (b) (6)
Sent: Tuesday, December 18, 2012 10:10 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6); (b)(6);(b)(7)(C)
Subject: Re:(b)(7)(E) Int'l Bridge - November 28 Meeting Notes

(b) (6), (b) (7)(C)

Change Order # 2 was to add the (b) (7)(E) and to delete the (b)(7)(E) on the bridge.

(b) (6), (b) (7)(C), P.E.
Structural Engineering Associates, Inc.
(b) (6), (b) (7)(C)

----- Original Message -----

From: (b) (6), (b) (7)(C)
To: (b) (6)
Cc: (b) (6), (b) (7)(C)
Sent: Monday, December 17, 2012 8:16 PM
Subject: RE:(b)(7)(E) Int'l Bridge - November 28 Meeting Notes

(b) (6), (b) (7)(C)

Can you summarize what Change Order #2 is? Thanks.

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), PE, PMP
Program Manager
LMI
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
*"Excel as a trusted strategic partner enhancing
Border Patrol's proud legacy"*

From: (b) (6)

Sent: Monday, December 17, 2012 1:16 PM

To: [REDACTED] (b) (6), (b) (7)(C)

Cc: [REDACTED] (b) (6)

Subject: [REDACTED] (b)(7)(E) Int'l Bridge - November 28 Meeting Notes

To All,

Attached are meeting notes from the meeting last month for the above referenced project.

[REDACTED] (b) (6), P.E.
Structural Engineering Associates, Inc.

[REDACTED] (b) (6)

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Weekly Report - 24 April (b) (6), (b) (7)(C)
Date: Wednesday, April 24, 2013 6:05:54 PM

(b) (6), (b) (7)

Changes from the last update are in red.

Hot Issues

- CTIMR contract post award conference held 3 & 4 April in El Paso.
 - Site visits held in LOB, DMN, STN and EPS on 15-18 April.
 - Provided review comments to Clark on field note compilation 24 April
- RGV Gates
 - Work is progressing from (b) (7)(E). All gate foundation/slab work complete in Cameron County (b) (7)(E) except (b) (7)(E) which will be complete 22 April. Steel fabrication continues to delay progress for Weston.
 - Work has begun in Hidalgo County at (b) (7)(E)
 - Gate testing in (b) (7)(E) gates tested with USACE last week. .
 - RE issues are resolved for both construction access and for alternate access during gate slab construction.
 - The only outstanding RE clearances are for utility access rights. (b) (5)
(b) (5)
 - Due to anticipated late utility access rights, (b) (5)
(b) (5)
 - If remobilization is required after completion of all other work, in order to connect to utility company meters, Weston's proposal is for \$ (b) (5) We may need this at (b) (7)(E).
 - Gate Closure Communications
 - BOD has message on HOTLINE advising of new schedule, and is providing updates.
 - Working on notification letters to landowners from (b) (7)(E).
 1. Completed (b) (7)(E). Working (b) (7)(E)
 - Landowner training
 - Sector training held for the Station trainers on 11/12 Dec.
 - OCC was provided final training documents for use by DOJ appraisers.
 - Sector has accepted final training documents; CD sent to Sector 25 March.
 - IBWC coordination
 - Facilitated meeting with IBWC to discuss their approval of Design Packages #1 and #2. (b) (6), (b) (7)(C) arranged the meeting.
 - Provided real estate information they requested for (b) (7)(E) on 1 Feb.
 - IBWC approved DP#3; (b) (6), (b) (7)(C) will contact IBWC for formal approval.
 - Waiting formal approval
 - Waiting on IBWC update on Upper Brownsville Levee Rehab award.
 - (b) (6), (b) (7)(C) sent note on 20 Feb asking for an update.
 - IBWC response 22 Feb – delay in NTP; no start date estimated.

Major Efforts

- Renewal Contracts – Round IV
 - Twelve contracts awarded. No more contracts are to be awarded (YUM Veg/Debris is on hold).
 - El Paso Fence – last option expired 8 Jan
 - Yuma Fence – last option expired 24 Jan
 - Tucson Fence – last option expired 24 Jan
 - Yuma Roads – last option expired 22 Jan
 - Tucson Roads – last option expired 30 Jan
 - El Paso Roads – last option expired 30 Jan
 - BBT Roads – last option expired 26 Mar.
 - Tucson Veg/Debris – last option will expire 21 May; extension available.
 - ECSO working extension and funding with (b) (6), (b) (7)
 - Yuma Lighting – last option will expire 3 May; extension available
 - El Paso Lighting – last option will expire 4 May; extension available
 - EPT Veg/Deb – first option has been exercised, good thru 30 Mar. ECSO awarded 2nd (last) option 20 Mar.
 - Stopped contractor due to lack of progress. Will transition to CTIMR when DJI is ready. Sector concurred.
 - ECSO Round V Contracts (TCA, EPT, BBT)
 - \$120K transferred to ECSO 29 Nov to cover PM to get contracts awarded.
 - EPT and TCA Fence were identified as top priority needs, with TCA and EPT Roads next, and BBT Roads/Veg/Debris next.
 - Also working with (b) (6), (b) (7)(C) on TCA Gate Opening contract extension and TCA Lighting reprourement.
 - Gate opening contract was extended effective 17 Feb, for 3 months thru mid-May 2013.
 - (b) (6), (b) (7)(C) is working new lighting contract thru Sector procurement.
 - YUM M&R coverage
 - Fence will be done in-house until CTIMR
 - Roads will be done in-house and with small contract thru CBP Procurement
 - Gap filler roads/veg/debris contract being developed by (b) (6), (b) (7) – under \$ (b) (5)
 - CBP Gap Filler packages sent to (b) (6), (b) (7)(C) for review for TCA and EPT Fencing.
 - EPT Fencing contract awarded to Cerrudo 19 Dec for \$142,518.98, from 9 Jan – 23 Feb 2013.
 - Extension issued with additional \$ (b) (5) to cover services thru 31 March.
 - (b) (6), (b) (7)(C) extended contract to 20 April. Funding may last to 14 Apr, or 12 Apr if gate retrofit design tasked.
 - Working with DJI/UCC to transition next week before funding runs out.
 - Received proposal for gate retrofit for up to 3 gates.
 - Prepared certification letters for (b) (6), (b) (7)(C) for two invoices.
 - Mod issued for \$ (b) (5) for addn'l 2 weeks & for (b) (7)(C) gate retrofits; extended thru 30 April.
 - Breach repairs were transitioned 18 April to DJI.
 - Preparing justification for extension thru 15 Aug for completion of repairs to (b) (7)(C) gates.
 - TCA Fencing PO issued to Capers in the amount of \$ (b) (5) on 3 Jan

2013.

- Mod issued 13 Mar extending contract to 12 May 2013, and adding \$ (b) (5)
- (b) (6), (b) (7)(C) is requesting additional extension (30 May?) in case Round V contract is delayed.
- Working on budget and estimated quantities for EPT & TCA Fence and Roads contracts with (b) (6), ECSO.
 - Schedule update:
 - TCA Fence – package still in review. ECSO believes NTP may be before Gap Filler expires on 12 May, but there's still risk in the process.
 - TCA Roads – still requires negotiation
 - All EPT contract actions cancelled due to CTIMR
- Tactical Infrastructure Condition Index Working Group
 - Meeting held 8 April
 - Minutes/agenda sent 8 April for next meeting.

Good News

- K-1B Project
 - EPWU water line drawings received for review/coordination against our project.
 - Visited site 18 April to review access needs for maintenance of grate in arroyo. Provided marked up map to (b) (6), (b) (7)(C)

Concerns

- EPT IAA for Vega Mowing
 - Proposing using BPFTI BPA rather than IBWC.
 - (b) (6), (b) (7) coordinated with IBWC to confirm their concurrence.
 - Package revised to reflect above approach and provided to (b) (6), (b) (7)(C) in Contracting on 9 April.
- (b)(7)(E) Bridge – Security Requirements

(b) (5)

- (b) (6), (b) (7)(C) from OFO HQ called on 22 Jan to get update on (b)(7)(E) He's involved with UP settlement funding. (b) (5)
- Reached out to CC counsel on easement outgrant 28 Jan due to slow progress. Waiting response, (b) (5)
- Provided support to BOD for meeting with Congressional staffs held on 15 Feb.
 - Advised by BOD that CC is still applying to the state for funding.
- Span across Rio Grande has been installed, with fencing to deter pedestrian traffic.
- Completion of (b)(7)(E) project is on hold, per County's construction manager.
 - Real estate acquisition is now complete.
 - (b) (5)

- (b) (5)
 - [REDACTED]
 - [REDACTED]
 - [REDACTED]
 - Sent CCRMA email offering swing gate option 7 Dec.
- RGV (b)(7)(E) Highway – Fence Relocation
 - Confirmed funding available from TxDOT & CCRMA bonds; final estimate not developed yet
 - Coordination w/IBWC will start once TxDOT approves draft EA
 - CC engineer sent latest schedule & draft EA 8 Mar
 - Forwarded EA to (b) (6), (b) (7)(C) 2 Apr.
 - Received maps from CC engineer 25 Jun.
 - Latest schedule received from TxDOT 28 Jan 2013. No change in contract letting date of Dec 2013. CCRMA is still working EA & BA.
- IBWC Riverside MOA & design
 - IBWC advised on 28 Feb that project does not have funding and will be shelved until funding is available. Guard rail and security grating should be considered for continued action.
- CTIMR Support – Area 4
 - RGV - providing technical support for (b) (6), (b) (7)(E) on unsuitable caliche for levee maintenance, on (b)(7)(E) maintenance scope, and on lifting system for (b)(7)(E) grates.
 - Provided technical review comments on CWP#4 for RGV CLIN 2 (roads) on 12 Mar.
 - (b) (5), (b) (7)(E)
 - Corrected work on road to be revested (b) (7)(E)
 - Resolved (b) (7)(E) maintenance approach with (b) (6), (b) (7)(C) & (b) (6), (b) (7)(C)
 - Adjusted M&R approach on (b)(7)(E) Rd and (b)(7)(E) Rd
 - Working to establish standard specification for caliche.
 - Collecting sample caliche specs & discussing issues with local supplier's engineer.
 - Need to finalize standard for drag roads; need to reconfirm Sector requirement for width (b) (6), (b) (7)(C) and get (b) (6), (b) (7)(C) final review.
 - RGV Access Road M&R
 - Visited Sector and site with Primus & (b) (6), (b) (7)(C) & (b) (6), (b) (7)(C).
 - Prepared recommendations for M&R for CWP#2 access roads.
 - Discussions held 12 Oct with (b) (6), (b) (7)(C) to finalize task descriptions for access roads
 - Received Primus recommendations for road M&R categories for future classification of M&R.
 - (b) (5), (b) (7)(E)
 - (b) (5), (b) (7)(E)
 - Worked with (b) (6), (b) (7)(C) to clarify standards for cross slopes and aggregate thickness calculations

Deliverables

- RGV Gates IPT minutes & agenda

- Reviewed Invoice #4 for EPT Fence Gap Filler Contract
- Provided review comments to (b) (6), (b) (7)(C) on site visit field notes summary

(b) (6), (b) (7)

(b) (6), (b) (7)(C), PE, PMP

Program Manager

LMI

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

*"Excel as a trusted strategic partner enhancing
Border Patrol's proud legacy"*

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
(b) (6) ; (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: IBWC / CBP Monthly Meeting Notes 6/2/2014
Date: Wednesday, June 11, 2014 3:15:49 PM
Attachments: [IBWC_DHS Monthly Meetings Notes 060214.ppt](#)

One additional update on the last slide...

(b) (6), (b) (7)(C), PMP
Program Manager Lead for Projects and Milcon
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)
Sent: Wednesday, June 11, 2014 3:10 PM
To: (b) (6), (b) (7)(C)
(b) (6) ; (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: IBWC / CBP Monthly Meeting Notes 6/2/2014

All,

Attached are the notes from the IBWC / CBP monthly meeting held on 6/2/2014. I reached out to most of you regarding updates that pertain to your area of responsibilities, but should you have any questions on the notes please let me know.

If you have any new topics that need to be added to these meeting, again please let me know.

Thanks,
(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), PMP
Program Manager Lead for Projects and Milcon
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

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CBP Office of Administration

Facilities Management and Engineering

Border Patrol Tactical Infrastructure Program
IBWC Coordination Activities

Meeting Notes

June 02, 2014



U.S. Customs and
Border Protection



Levee Crest/Road Maintenance MOA

- CBP drafted MOA amendment to address levee crest maintenance in the El Paso sector.
- Final draft of MOA submitted to (b) (6), (b) (7)(C) on June 1st for IBWC signature
- MOA is reportedly with (b) (6), (b) (7)(C) for signature. No known issues (12/9 update: IBWC recently notified us that there are some concerns with the MOA being discussed internally within IWBC-specifics not known)
 - MOA needs to be executed before Corps will award a CBP Roads M&R contract
 - MOA being re-reviewed by IBWC's SMEs
- CBP re-sent draft MOA to IBWC on April 9th and again on Nov 30th ((b) (6), (b) (7)(C)).
- Meeting held on 4/30/2013 to review the MOA
- (b) (6), (b) (7)(C) had provided proposed language to Sheryl on 6/23/2013.
- (b) (6), (b) (7)(C) sent (b) (6), (b) (7)(C) an updated MOA with an additional paragraph on 2/24/2014. On 3/21/2014, (b) (6), (b) (7)(C) indicated IBWC legal department has made some comments that need to be discussed before they can move forward. **Any updates?**



Mexican Gabion Wall Constructed @ Silvercreek Wash

- In August 2010, a levee/road was constructed across a major drainage wash in proximity to the border (east of the City of Douglas) causing flood waters to back-up into the U.S. and exacerbate erosion that is occurring in Silver Creek
- IBWC provided CBP with the results of their H&H modeling, which shows that the gabion wall must be removed or re-located further downstream so as to not adversely impact the U.S.; CBP concurs with IBWC's conclusions; IBWC planning met with CILA on July 31st to present H&H results
- IBWC and CILA to meet at site sometime in January
- CBP reached out to the Department of State on Jan 16th for assistance
- BPFTI held a meeting with DOS (b) (6) on 3/27/13. DOS is going to reach out to the IBWC Commissioner to push this with CILA Commissioner
- BPFTI received a letter from DOS on 5/20/2013
- **Any updates?**



PF225 K-1B Fence

- CBP reviewed URS 60% design for box culvert design-CBP generally OK with 60% design; discussing internally the pros/cons of phasing our fence construction and moving southern portion of alignment to the levee after the box culverts are built
- According to IBWC, construction funding not yet received but it's in the President's 2013 budget. The box culvert was considered in the EA. FONSI being revised to reflect installation of the box culvert
- IBWC agreed to the use of the vega area for contractor staging; (b) (6), (b) (7)(C) identified as CBP point of contact; (b) (6), (b) (7)(C) has provided a sample flood protection plan; CBP to prepare flood protection plan per comments received from (b) (6), (b) (7)(C) on Nov 7th
- CBP close to finalizing land acquisition; plan is to begin construction next May once the City's waterline project is complete and to build the entire segment unless IBWC has received funding for the box culvert
- EPWU has assumed responsibility for moving the power/light poles'
- EPWU installation of the pipe was completed in the (b) (7)(E) corridor.
- (b) (7)(E) NTP provided to the contractor on 11/21/13. Construction is underway and projected for a June 20, 2014 completion.



El Paso Canal Crossovers & Vega Ramps

- Project involves the construction of 8 canal crossovers and 4 new vehicle ramps into the floodway in the Border Patrol's (b) (7)(E) Stations areas of responsibility (PF225 segments (b) (7)(E) (future))
- Design is complete and has been approved by IBWC
- CBP in the process of completing real estate negotiations with EPCWID#1
 - Draft MOA and cover letter to District provided to IBWC
- A meeting with IBWC, Corps, DoJ and CBP was held on Jan 18th to discuss real estate issues associated with this project. Separate meeting notes were prepared and disseminated among the attendees
- IBWC notified Corps that they have questions pertaining to our surveys supporting documents; Corps is going to set up a meeting with their surveyor and IBWC to discuss- DoJ/Corps to meet this Thursday, March 22nd
- Meeting with DoJ went well; IBWC concurs with CBP and DoJ with regards to what land the federal government owns
- USACE has updated surveys and were provide to IBWC for review and written concurrence on 12/12/13.
- **CBP and DOJ are moving forward with the IBWC map information and has met with the Water District. Contract Award is anticipated for August 2014 (Base 3 Crossover; Option 5 Crossovers.**



El Paso Vega Mowing MOA

- Draft IAA submitted to IBWC in mid-Feb, 2011
- needed to finalize the Environmental Assessment
- Updated draft IAA to reflect EA and FONSI submitted to IBWC on Feb 1, 2012
- IBWC provided CBP comments on IAA
- IAA was updated with MBTA Surveys language (to be executed by CBP). IAA is being routed for final signature.
- Signature were stopped and a meeting was set up on 7/17/2013 to review the future of this IAA. Per the meeting, IBWC has considered using CBP's existing Maintenance & Repair (M&R) Contractor (CTIMR) to conduct the work.
- Meeting held between CBP and IBWC on 9/5/2013. Notes were distributed for the meeting. CBP has made updates to the MOA and is currently under review (comments due 9/4/2013).
- 11/25/13: (b)(6); (b)(7)(C) received and sent around for last comments at IBWC. **Status on the final review and signature?**



(b) (7)(E)

Levee Wall (PF225) (b) (7)(E)

- CBP Procurement receives the final IPAC with supporting invoices and they have been approved by both the COR and the CO.
- Meeting held on 9/12/2013 to discussion option regarding an identified infraction during the construction of the Penitas Pump Project. (b) (5)
- Contract through contract recently terminated for convenience
- Contract through New IBWC Contract
- Contract through DHS (Cost Share)
- IBWC to provide CBP with a brief discussion of the SOW, schedule, and expected costs.
- CBP concurs with construction of the fence under the IBWC project with existing funds remaining and available on the CBP/IBWC IAA.
- A meeting was held on 3/7/2014 in McAllen, Texas. HCID#1 expressed concern regarding the IBWC design and would notify USIBWC on the Commissioners Court decision as to whether to endorse the completion of the current IBWC/DHS levee wall project or raise/improve the existing levees and pump building using their own funding. DHS / CBP requested that HCDD #01 and USIBWC provide projected timelines for the USIBWC Redesign option and DCDD #01 Redesign option to all attending parties at the meeting to compare the total amount of time each option will take to construct.
- Need to discuss the transfer of material back to CBP and Re-vegetation in the area.
- (b) (5) **Any Updates?**



Cameron County East Loop Project



- Cameron County is planning to a new highway (aka East Loop) to connect the Veterans International bridge with of the Port of Brownsville. The project is going to require the relocation of a portion of IBWC's levee system and CBP fencing
- CBP met with Cameron County on January 26, 2011 to learn more specifics regarding the project to include anticipated timing. IBWC and FWS participated in the meeting
- IBWC concurred with CBP's recommended changes to the proposed typical levee/fence cross-section, which have been forwarded to Cameron County
- IBWC and CBP participated in a conference call with FHA regarding their draft EA
- New drawings provided to CBP by Cameron County (and forwarded to IBWC); IBWC received meeting minutes from Cameron County (and forwarded to CBP)
- Design & Real Estate (ROE) to be accomplished by May 2014. EA is to be completed by August 2014. Construction to start around April 2015. All actions are to be accomplished by others – not CBP or IBWC.
- **Any Updates?**



RGV M&R Boat Ramps



Project	Sector	Station	Latitude	Longitude	ENV Clearance	RE Clearance	Scope of M&R Activity	Projected Schedule for Maintenance
(b) (7)(E)	RGV	(b) (7)(E)	(b) (7)(E)		Green for road, staging area, and ramp above the water line. Further work needs additional ENV clearance (pending PRD)	Green (ROE obtained and expires on April 28, 2014).	Remove minimal silt and replace DOT plates to original state.	Work to repair the road, staging area, and ramp above the water line was completed the week of 3/3/2014. Additional ramp upgrades in the water are pending a CBP PRD.
	RGV		(b) (7)(E)		Awaiting CATEX (pending PRD)	Green (SUP with USFWS)	Rebuild existing boat ramp to original state.	As soon as CATEX are final. On present work plan. Design diagrams in progress by USFWS.
	RGV		(b) (7)(E)		Green	Green (ROE)	Rebuild existing boat ramp to original state.	Proposed solution was rejected by CBP. New solution is being developed and will be submitted to IBWC for review.



Amended Master MOU b/t CBP and IBWC

- 
- 
- Meeting to be set up on the MOU between CBP and IBWC.



IBWC / DHS Topics (By Sector)

1. San Diego Sector

- (b) (7)(E) **Grates**

2. Tucson Sector

- (b) (7)(E) **Drainage Discussion with Mexico: The DVR swap didn't preserve the video of the gate working. BP should have something after mid-July once the rain season hits.**
- Southeast Arizona Citizens Forum: "Border Flooding Issues in the Douglas-Agua Prieta Region": **Any Updates?**
- Pipeline Project: Sierrita/Sasabe - **Updates?**

3. El Paso Sector

- 90% Submittal (b) (7)(E) **Lower Reach: CBP provided comments on 2/20/14 and have adjusted the northern end by the headwall to reduce future impact to the fence once this project is constructed (coordinated with IBWC). Updates from IBWC on the incorporation of CBP designs?**
- (b) (7)(E) **Project: Tentative construction and equipment on the ground around October 2014. Any Updates?**



IBWC / DHS Topics (By Sector)

3. El Paso Sector

- **Magnolia Stormwater Project**
- **New Canal in Mexico along U.S. Vehicle Fence in Columbus, New Mexico: Site Visit held on 6/2/14.**
- International Conference Center near American Dam (Monument #1) in El Paso, TX: **Updates?**
- Wasteway #1, #2: **MOA updates provided to IBWC on 3/27/14. Any Updates on funding of this project?**
- El Paso **(b) (7)(E)** Site Power Pole Repairs: **IBWC Clearance provided on 4/3/14.**
- El Paso Sector request for Installation of Guard Rail to the Northside of the levee crown downstream from the International Dam and parallel to the American Canal. Response letter delivered to CBP from IBWC on 2/4/2014.

4. Laredo Sector

- Pipeline Project: NuStar/Dos Laredos - **Updates?**
- **Installation of Chain-link Fence at Boat Ramp (for boat storage)**



IBWC / DHS Topics (By Sector)



5. RGV Sector

- [REDACTED] (b) (5), (b) (7)(E)
- Pipeline Project: Houston Pipeline Crossing - **Updates?**



From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C); (b) (6)
Subject: Weekly Report - 31 Oct 2012 (b) (6)
Date: Wednesday, October 31, 2012 5:19:18 PM

(b) (6), (b) (7)

Changes from the last update are in red.

Hot Issues

- Renewal Contracts
 - Twelve contracts awarded. No more contracts are to be awarded (YUM Veg/Debris is on hold).
 - ECSO can extend the following upcoming options:
 - Yuma Fence – last option will start 25 Oct
 - Tucson Fence – last option will start 25 Oct
 - Yuma Roads – last option will start 23 Oct
 - Tucson Roads – last option will start 1 Nov
 - El Paso Roads – last option will start 2 Nov
 - Tucson Veg/Debris – 1st option will start 22 Nov
 - Yuma Lighting – 1st option will start 4 Nov
 - El Paso Lighting – 1st option will start 5 Nov
 - Each contract has 2 options, which each last 90 days
 - ECSO exercised the last option for El Paso Fence on 4 Oct.
 - It will expire in 90 days, or around 2 Jan.
 - No other contract plans exist at this time except for CTIMR, which is subject to protest.
 - No MATOC capability exists for future Task Order needs, after MATOCs expire
 - ECSO provided ROM estimate for WA #1, #2, #3, for new TI M&R contracts.
 - Also provided estimate for extensions, if approved by their CO.
 - We are waiting response from CO on extensions for WA#2 & #3 contracts
 - Also need (b) (6), (b) (7)(C) decision on extension of WA#1 CTIMR.
 - (b) (5)
- (b)(7)(E) Bridge – Security Requirements
 - (b) (5)
 - Span across Rio Grande has been installed, with fencing to deter pedestrian traffic.
 - Completion of (b)(7)(E) project is on hold, per County's construction manager.
 - Real estate acquisition is now complete.
 - CC is waiting on a proposal from contractor to complete the project.
 - (b) (5)
- (b)(7)(E) Boat Ramp
 - Visited site with (b) (6), (b) (7)(C) on 30 Aug to discuss scope and take rough measurements for sketches.
 - Finalized design sketches and sent to RE & Env for review 7 Sep.

- (b) (6), (b) (7)(C) sent them to IBWC for review.
- Provided review comments on SOW 31 Oct.
- (b)(7)(E) Boat Ramp
 - Revised PRD is in technical review as of 9 Oct. PRD addresses phase 1 need for surveys of river bottom, and for gradient boundary line.
 - Phase 2 PRD will be developed once scope is confirmed with Sector following receipt of survey results.

Major Efforts

- Contingency Contract Plans for WA#1
 - Working with (b) (6), (b) (7)(C) on backup plans for WA#1 and other areas.
- RGV Gates
 - Plan-in-hand site inspection held on (b)(7)(E) gates for (b)(7)(E) on 25 Oct. .
 - Second set of designs (b) (7)(E) may be ready to submit before Thanksgiving.
 - Contractor trying to complete test gates but being delayed by rewiring of control panels, and late delivery on trolley items.
 - Expect acceptance ~7 Nov, and NTP for fabrication by 14 Nov.
 - Gate Closure Communications
 - BPFTI will send out 10 landowner notice letters
 - AUSA will send out the rest, due to ongoing litigation.
 - AUSA is seeking emergency possession of tracts needed for landowner alternate access. OCC is tracking this.
 - Landowner training
 - (b) (6), (b) (7)(C) developed draft training design and will edit training slides.
 - DHS coordination will not be required.
 - Sector will assure agents are trained to train landowners. Sector has received contract-required training.

Good News

Concerns

- RGV (b)(7)(E) Highway – Fence Relocation
 - Confirmed funding available from TxDOT & CCRMA bonds; final estimate not developed yet
 - Coordination w/IBWC will start once TxDOT approves draft EA
 - CC engineer sent latest schedule & draft EA 8 Mar
 - Forwarded EA to (b) (6), (b) (7)(C) 2 Apr.
 - Received maps from CC engineer 25 Jun.
 - TXDOT (thru IBWC) provided schedule info, noting a contract letting date of Dec 2013.
- IBWC Riverside MOA & design
 - Response to BPFTI comments received
 - Some items will need to be funded by BPFTI
 - Draft MOA submitted to IBWC 15 June for review.
 - Received IBWC comments and sent CBP comments to them on 22 Oct.
 - (b) (6), (b) (7)(C) resolved dispute over responsibility for moving CBP's fence – IBWC accepted responsibility.
 - Working IAA for guard rail and security grating over valve vault
 - USACE will initiate design – tasked to them 14 Sep.
 - Requested update 16 Oct.

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From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: (b) (7)(E) Repairs @ (b)(7)(E)
Date: Tuesday, November 27, 2012 4:44:05 PM

You're welcome. I didn't see you when I went by, and probably jumped to a conclusion that wasn't properly supported.

(b) (6), (b) (7)(C), PE, PMP
Program Manager
LMI
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
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Border Patrol's proud legacy"*

From: (b) (6), (b) (7)(C)
Sent: Tuesday, November 27, 2012 4:36 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Re: (b) (7)(E) Repairs @ (b)(7)(E)

I'm still working! Will finish this briefing up tomorrow am.

Thanks (b) (6), (b) (7)!

From: (b) (6), (b) (7)(C)
Sent: Tuesday, November 27, 2012 04:33 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: FW: (b) (7)(E) Repairs @ (b)(7)(E)

(b) (6), (b) (7)(C)

I didn't see (b) (6), (b) (7) today, (b) (5)
Attached are photos of before/after. (b) (5)
(b) (5)
Fortunately, no significant
damage was incurred to the actual fencing.

(b) (6), (b) (7)

(b) (6), (b) (7)(C), PE, PMP
Program Manager
LMI
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
*"Excel as a trusted strategic partner enhancing
Border Patrol's proud legacy"*

From: (b) (6), (b) (7)(C)

Sent: Wednesday, May 23, 2012 7:14 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: FW: (b) (7)(E) Repairs @ (b)(7)(E)

(b) (6), (b) (7)(C)

See the before and after pics of the work that Cerrudo completed @ the (b)(7)(E) fence erosion problems in (b)(7)(E) (b) (5) the completed work is very good.

SBPA (b) (6), (b) (7)(C)

El Paso Sector PMO

(b) (6), (b) (7)(C) Office

(b) (6), (b) (7)(C) Cell

From: (b) (6), (b) (7)(C)

Sent: Wednesday, May 23, 2012 3:54 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: FW: (b) (7)(E) Repairs

All,

Please see PDF file attached reference the washouts near (b)(7)(E) where the (b)(7)(E) fence was floating. Earth had been eroded in certain areas (b)(7)(E) As per contract, fixes were performed to bring to its current state.

Thank you,

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C) / SBPA STN / (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Wednesday, May 23, 2012 2:05 PM

To: (b) (6), (b) (7)(C)

Subject: (b)(7)(E) Repairs

Please see attached PDF file with the photos of the washouts/repairs in (b) (7)(E).

Thanks,

(b) (6), (b) (7)(C)

Border Patrol Agent

Santa Teresa Border Patrol Station

Program Management Office

Office: (b) (6), (b) (7)(C)

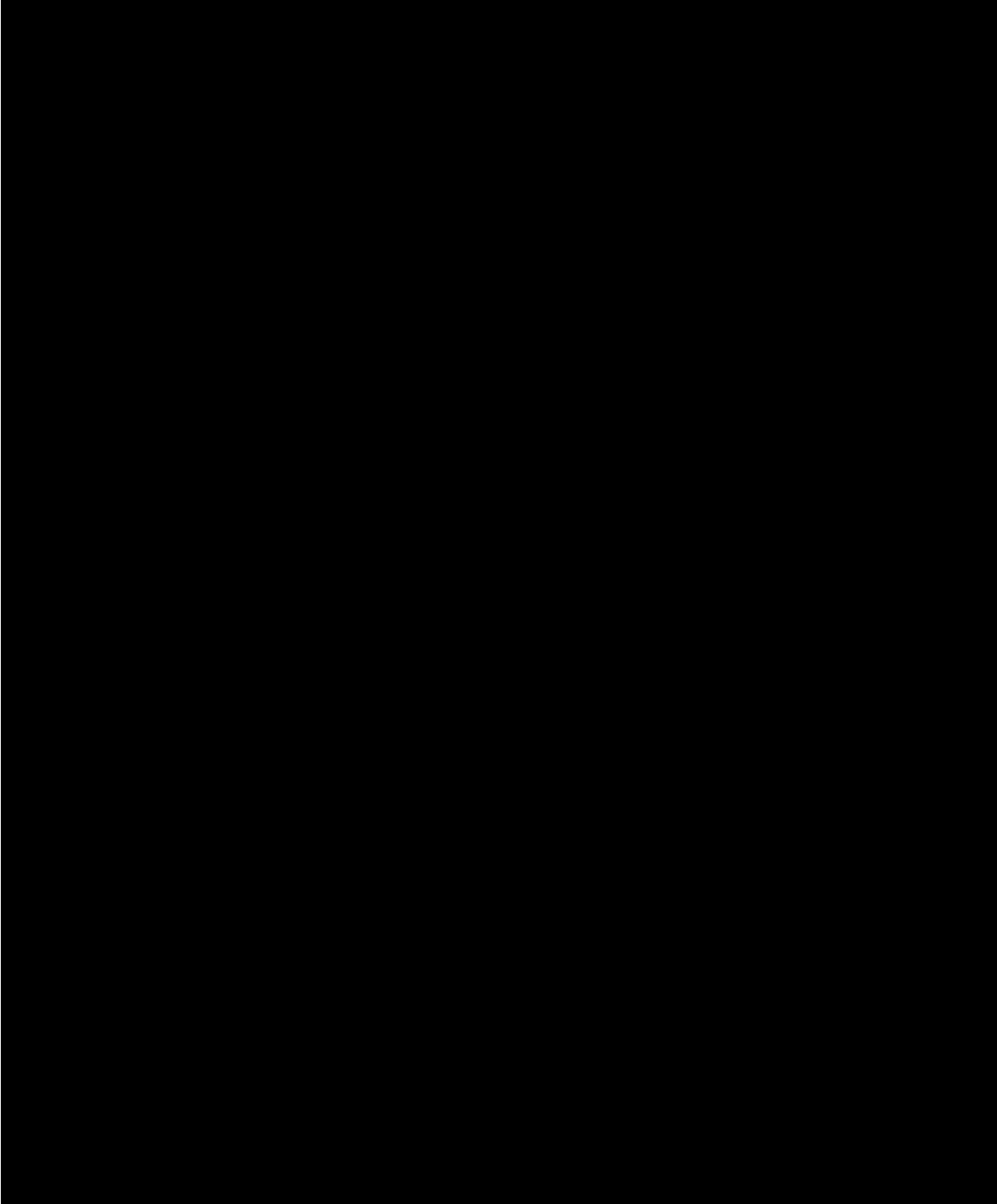
From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Fw: "final" andrade PRD
Date: Friday, April 05, 2013 12:39:44 PM
Attachments: [TI YUM 7451-1 Andrade Fence Replacement v5.doc](#)

From: (b) (6), (b) (7)(C)
Sent: Thursday, March 14, 2013 02:35 PM Eastern Standard Time
To: (b) (6) (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: "final" andrade PRD

Here is the one (b) (6), (b) signed

(b) (6), (b) (7)(C)
PM, TI
LMI
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
BB: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
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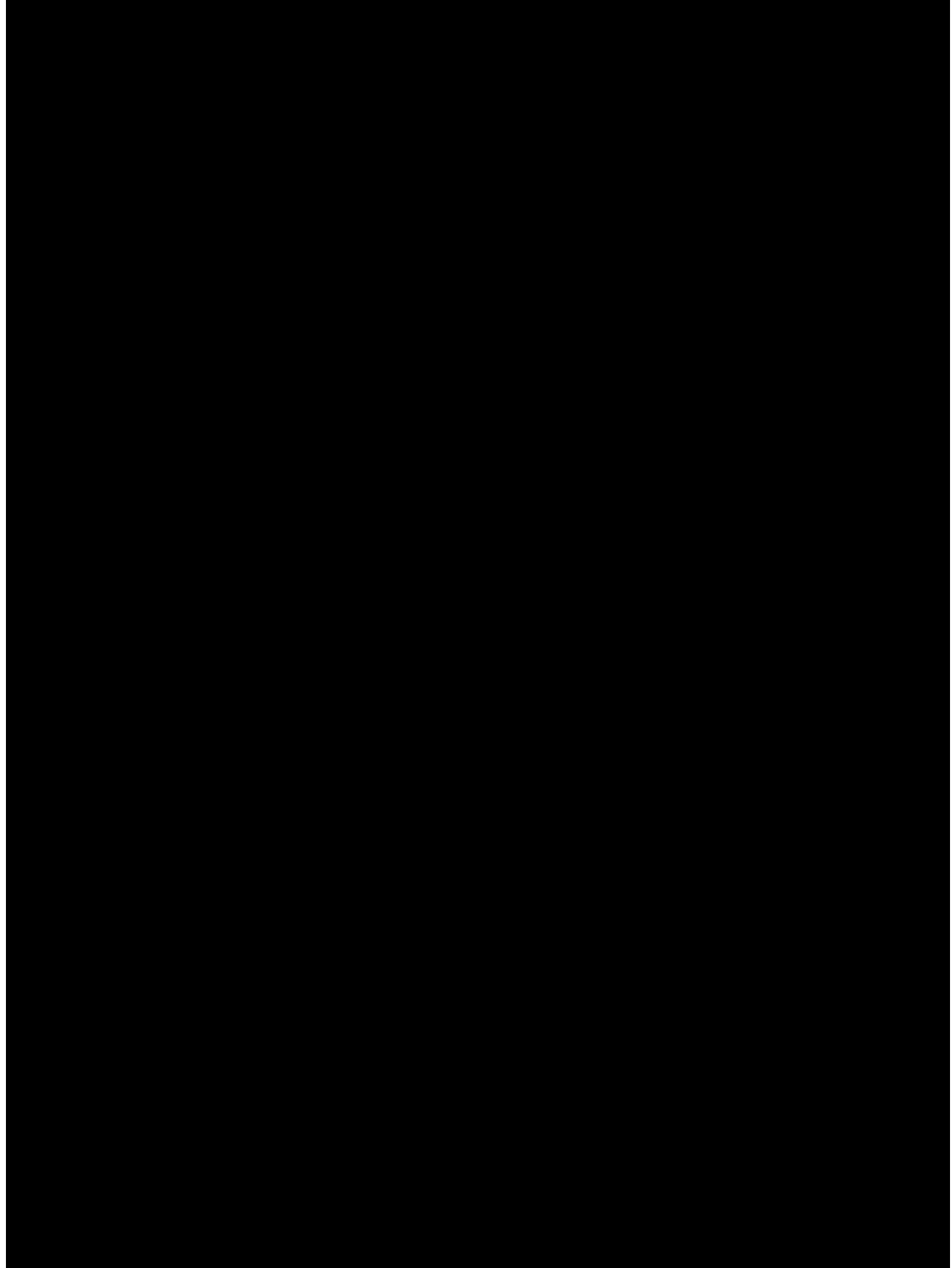
(b) (5), (b) (7)(E)




(b) (5), (b) (7)(E), (b)(6);(b)(7)(C)



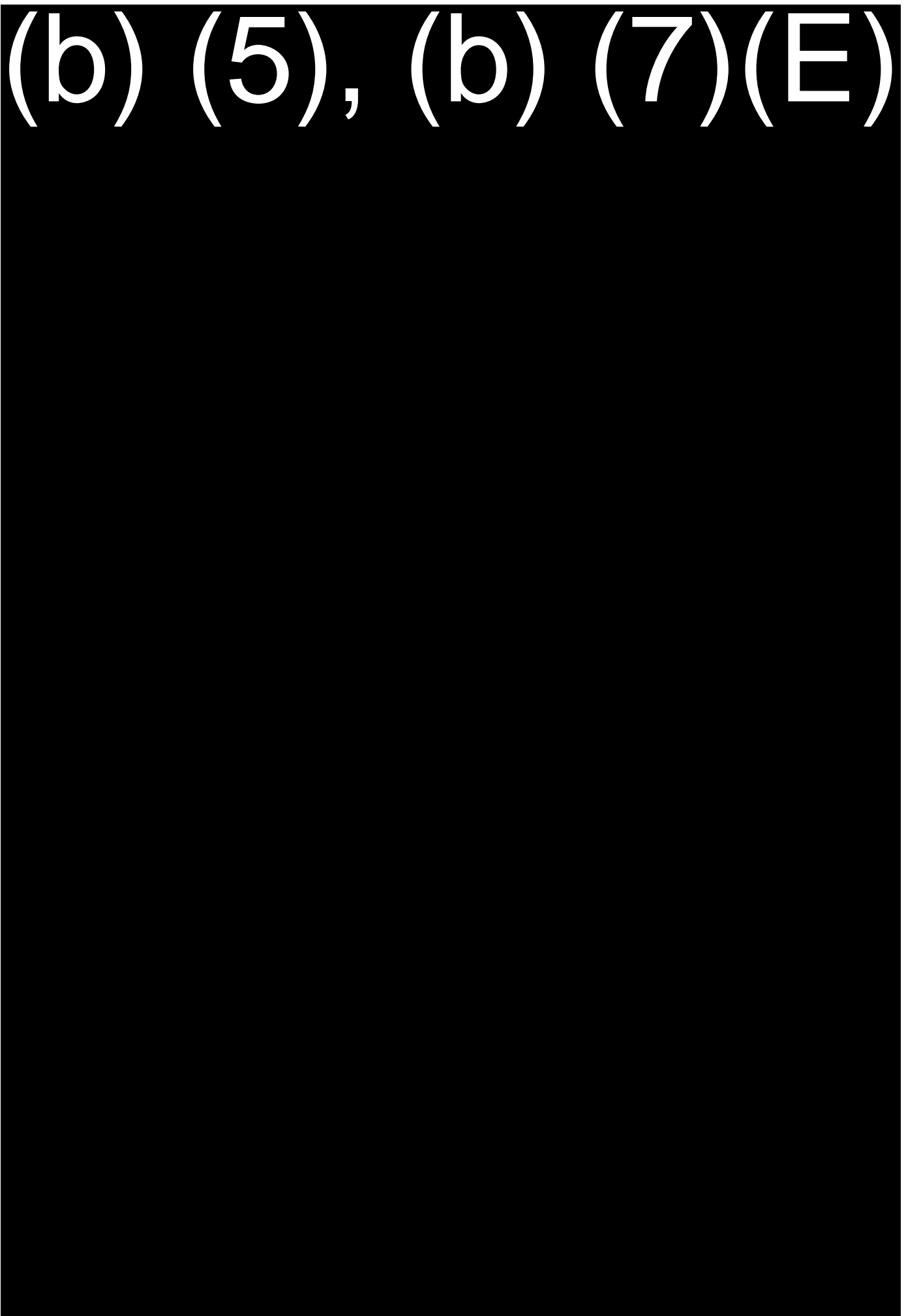
(b) (5), (b) (7)(E), (b)(6);(b)(7)(C)



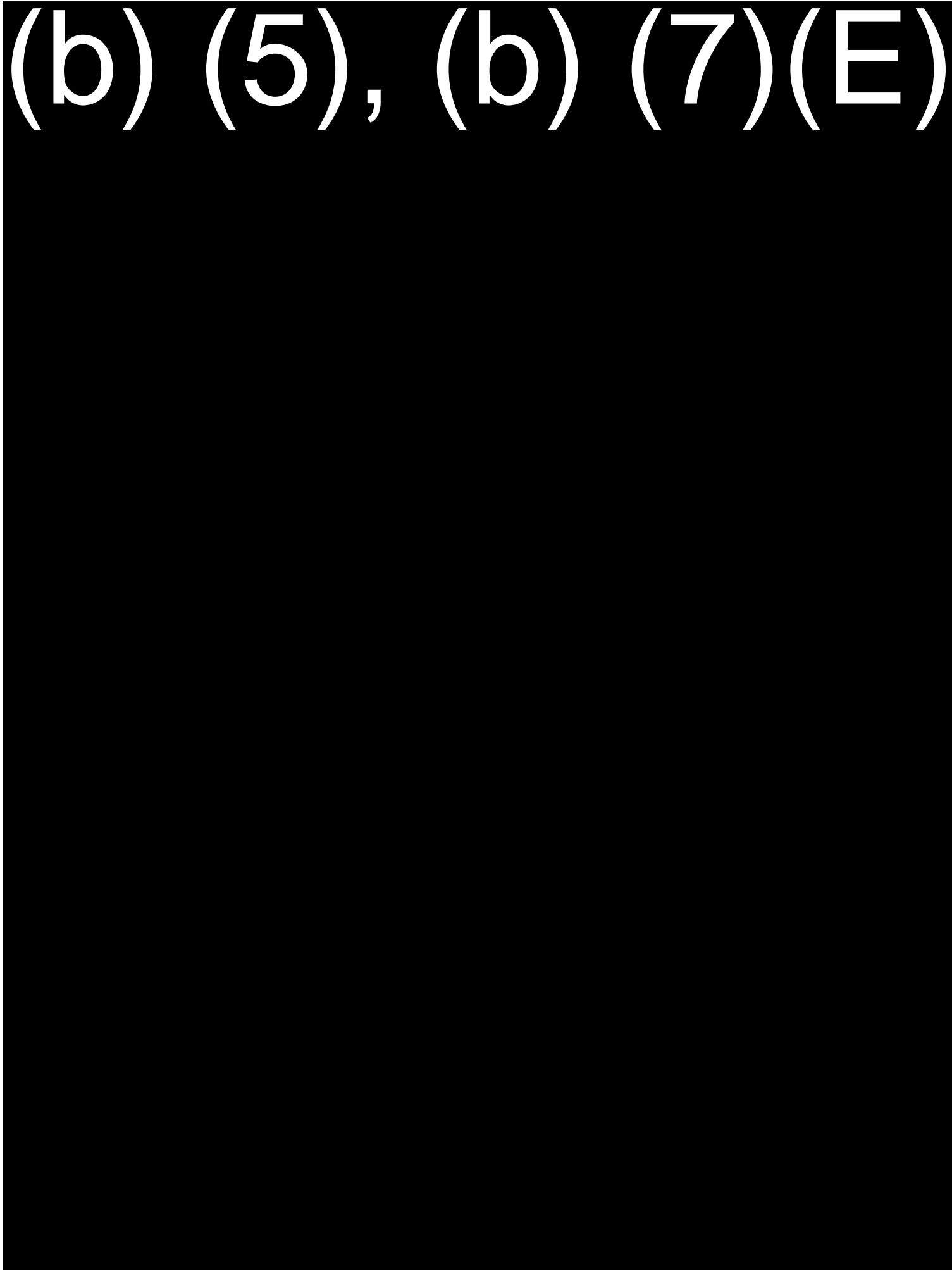
(b) (5), (b) (7)(E)



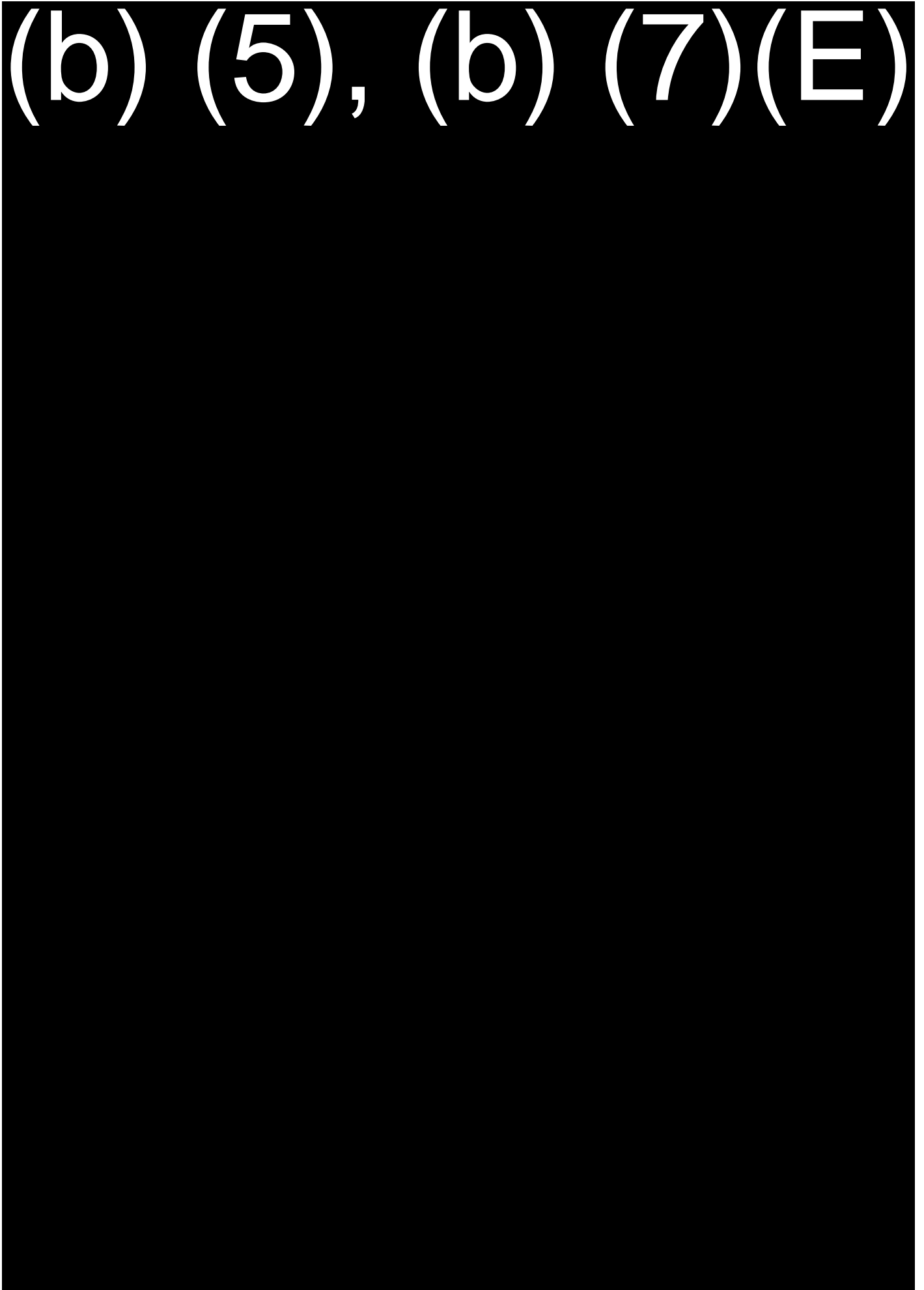
(b) (5), (b) (7)(E)



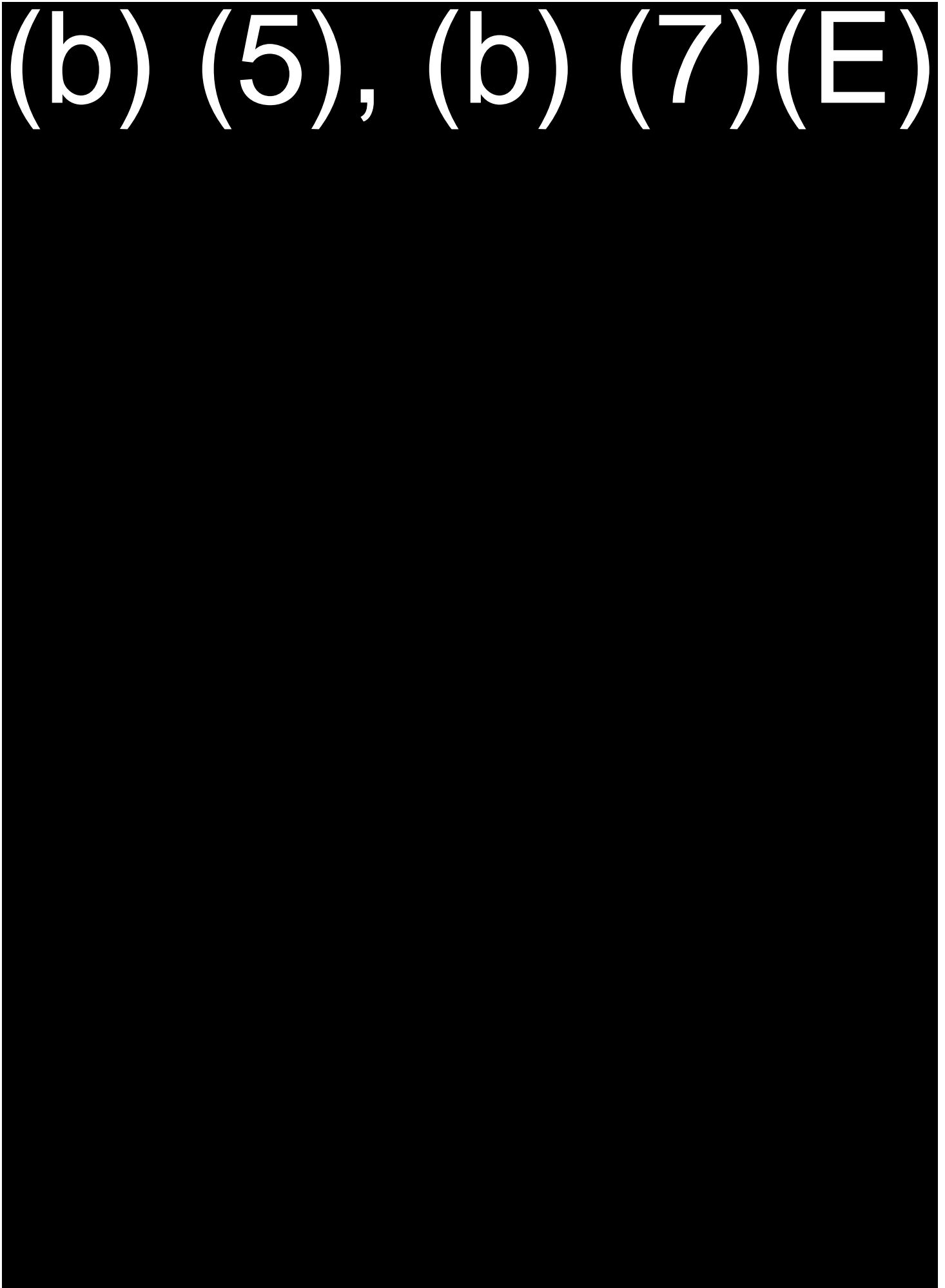
(b) (5), (b) (7)(E)



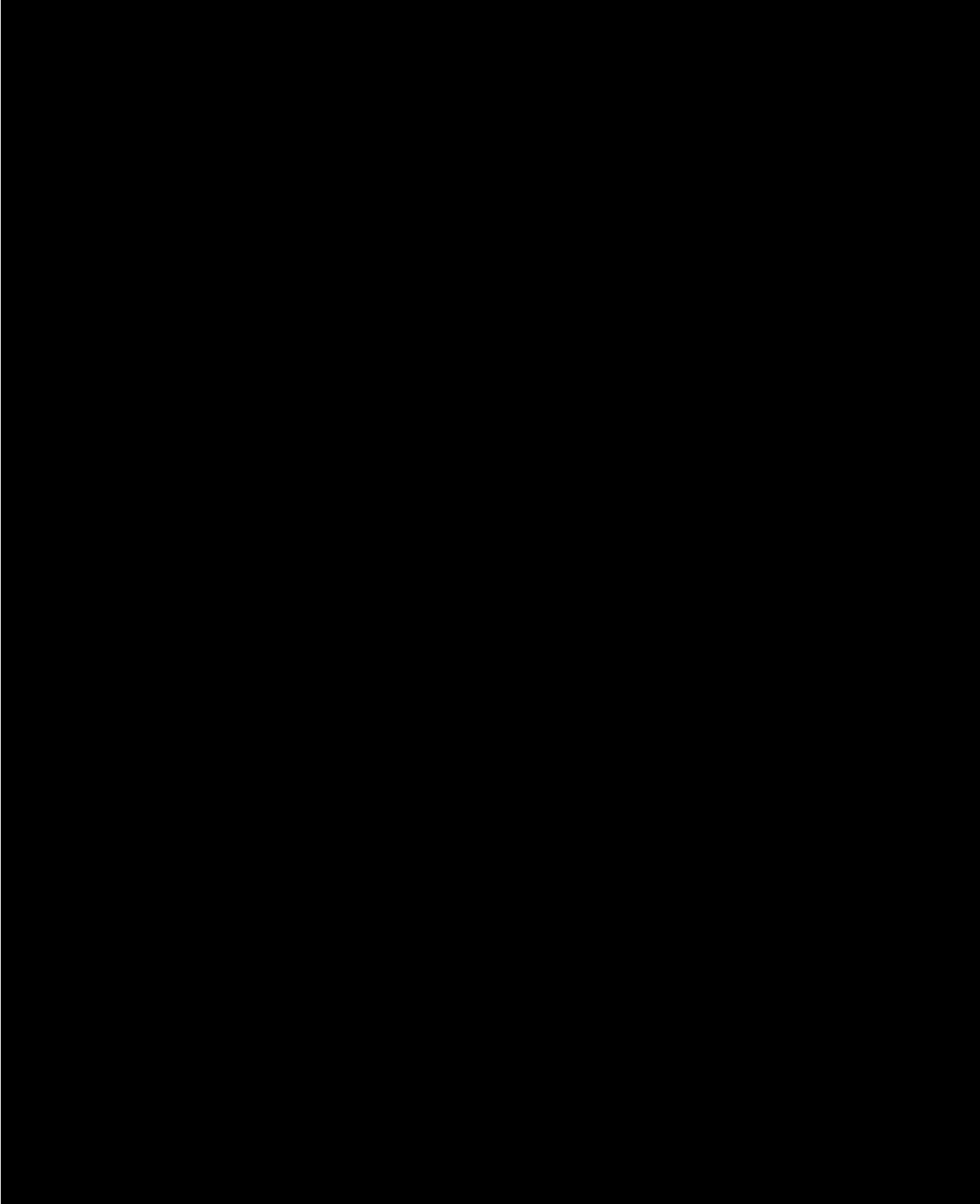
(b) (5), (b) (7)(E)



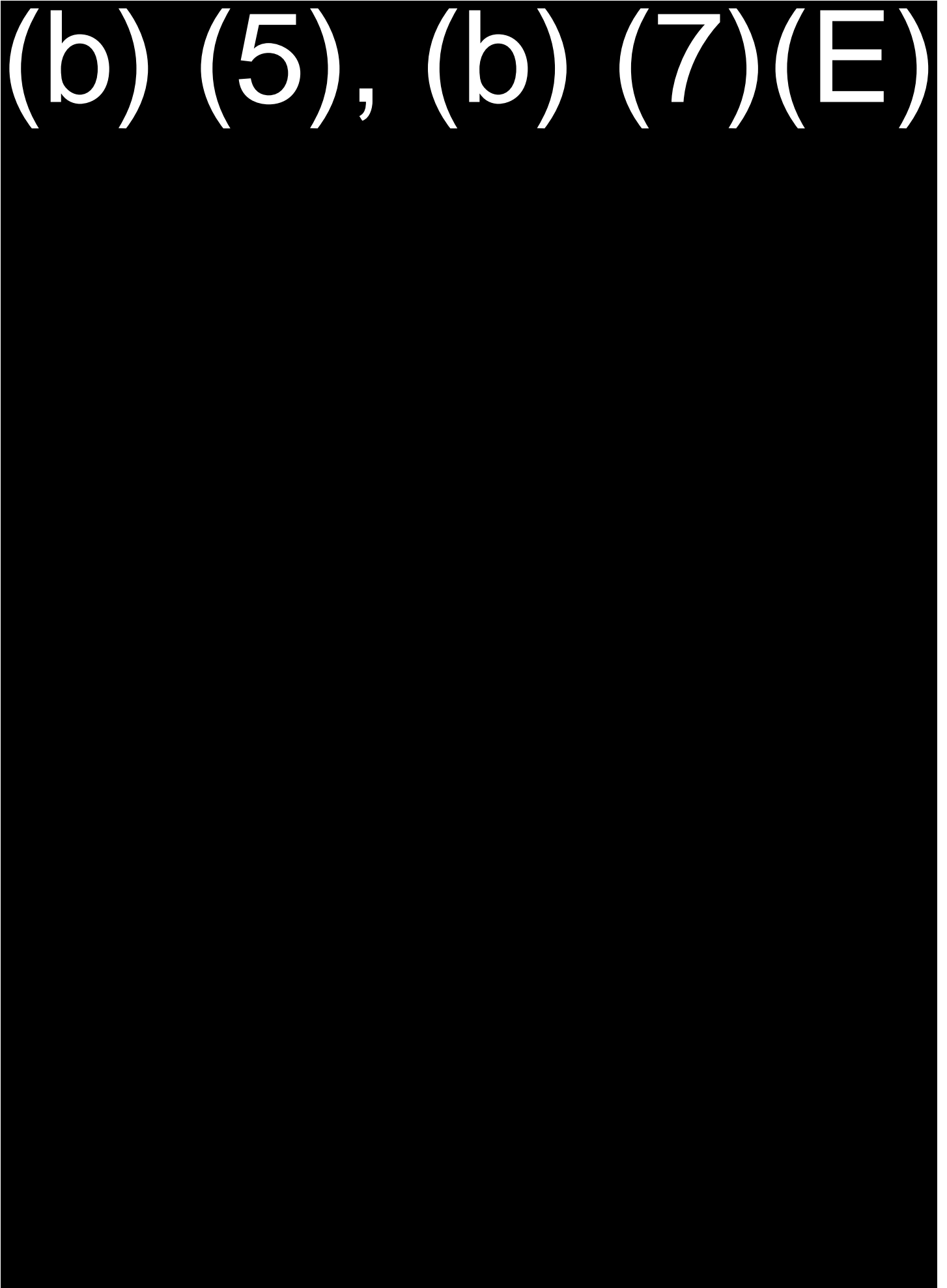
(b) (5), (b) (7)(E)



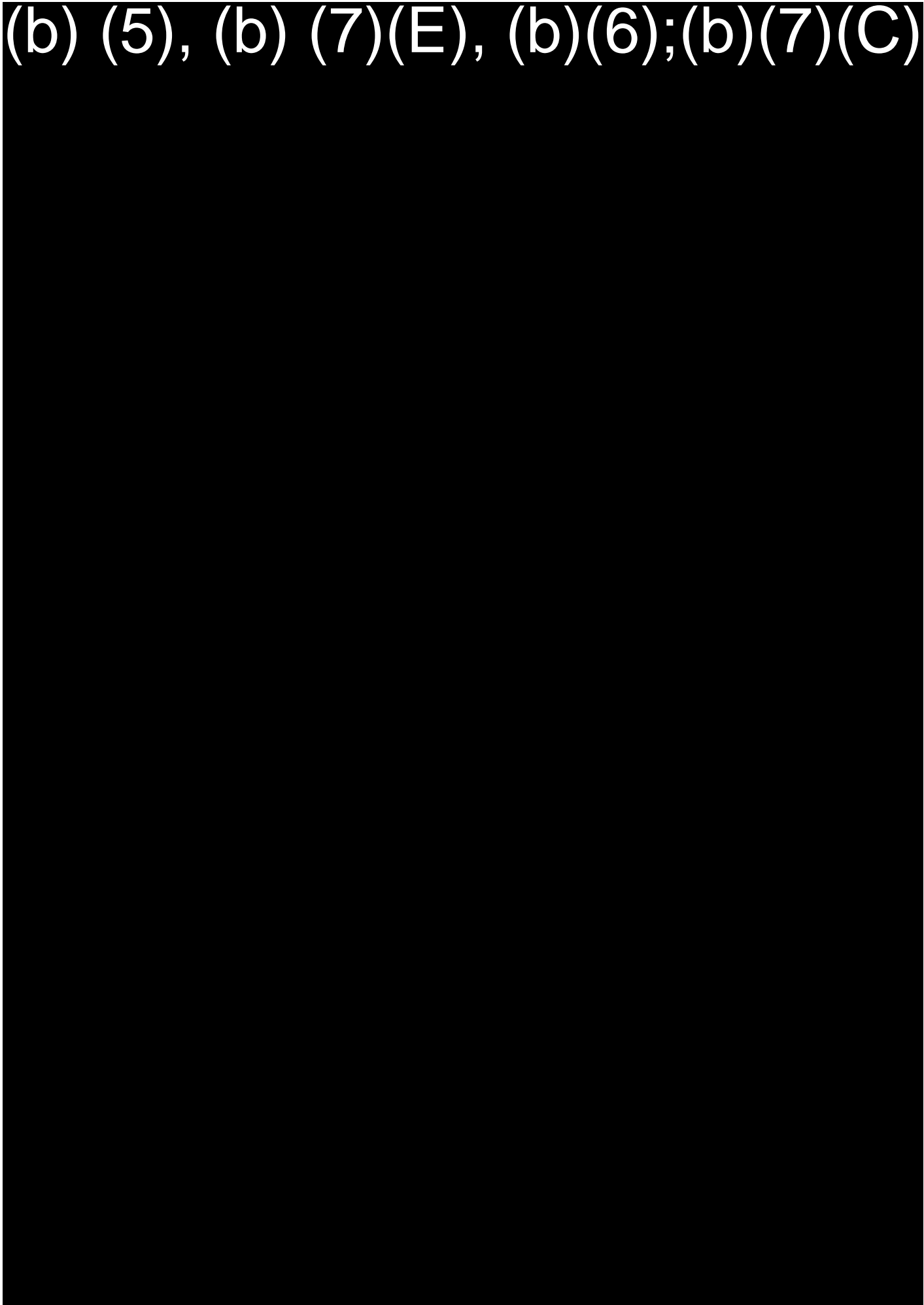
(b) (5), (b) (7)(E)



(b) (5), (b) (7)(E)



(b) (5), (b) (7)(E), (b)(6);(b)(7)(C)



(b) (6), (b) (7)(C)

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Weekly Tactical Infrastructure Call

	FM&E TI Projects PM	Email Address	FM&E TI M&R PM	Email Address
Rio Grande Valley Sector	(b) (6),	(b) (7)	(C)	
Laredo Sector				
Del Rio Sector				
Big Bend Sector				
El Paso Sector				
Tucson Sector				
Yuma Sector				
El Centro Sector				
San Diego Sector				

Rio Grande Valley Sector									
Project/Activity Name	FM&E Number	CBP PM	Service Provider	Service Provider PM	Comments 10/24	Actions Required 10/24	Comments 10/17	Actions Required 10/17	
TI Projects									
"Fence Gates Phase I" - Rio Grande Valley_RGV Fence Gates	(b) (7)(E)	(b) (6), (b) (7)(C)	USACE	(b) (6), (b) (7)(C)	Comments provided to Westin on 10/20, 10/26 will have a comment resolution meeting. Want to provide Westin with comments that need to be addressed. Re-testing of the Group 1 gates has been cancelled for today. As of yesterday afternoon Westin was able to resume the trolley work which is in progress. Having difficulties with the re-wiring of the panels - do not have an estimated date of resolution. Because of the panel issues, the acceptance of the Test Gates for 10/31 is questionable.	(b) (6), (b) (7)(E) to provide a new schedule once it is available.	Contractor site-specific design for segment gates was received this past Monday - comments due to (b) (6), (b) (7)(C) to send along by Friday. Meeting for (b) (7)(E) gates will be held on 10/25. Meeting will held on 10/26 to discuss comments. Due to challenges with the trolleys and operators, the testing has been postponed until 10/24. Acceptance of the Group 1 gates will be on or around 10/31 depending on how the meeting goes next week for testing.		

EI Paso Sector									
	Project/Activity Name	FM&E Number	CBP PM	Service Provider	Service Provider PM	Comments 10/24	Actions Required 10/24	Comments 10/17	Actions Required 10/17
TI Projects									
	Fence Maintenance Contract		(b) (6), (b) (7)(C)			Monitoring performance - in option 2 period of the contract. Covered through 1/8/13. Working with team on path after 1/8.		No update - still monitoring performance.	
	Legacy Fence Foundations Repairs		(b) (6), (b) (7)(C)			No update.		No update	

Tucson Sector

	Project/Activity Name	FM&E Number	CBP PM	Service Provider	Service Provider PM	Comments 10/24	Actions Required 10/24	Comments 10/17	Actions Required 10/17
TI Projects									
	(b)(7)(E) Primary Fence Replacement Phase 3" (b)(7)(E) TCA 7652-3 Primary Fence Replacement, Phase 3	7652-3	(b) (6), (b) (7)(C)	USACE	(b) (6), (b) (7)(C)	Electrical line on East side has been located. Contractor has brought in an extra crew for low-water crossing. Electric REA and will be submitted next week.1. (b)(7)(E)		73% complete. (b)(7)(E) anels set. All gates hung. 40% of bollards grouted. Electrical line has been repaired. Cost has been submitted - formal REA will be submitted. Contractor will also submit an REA for the extra tough rock. Project still on schedule slated for completion 11/13.	

Yuma Sector

	Project/Activity Name	FM&E Number	CBP PM	Service Provider	Service Provider PM	Comments 10/24	Actions Required 10/24	Comments 10/17	Actions Required 10/17
TI Projects									
	None								
TI M&R Projects									
	Adrade Fence Repair		(b) (6), (b) (7)(C)			*RFP went out for bid. Bid estimates are due next week. By 10/24/12. currently on schedule to issue NTP on Nov 2nd.		*RFP went out for bid. Bid estimates are due next week. By 10/24/12. currently on schedule to issue NTP on Nov 2nd.	

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Weekly Report - 10 Jan (b) (6)
Date: Wednesday, January 09, 2013 5:15:05 PM

(b) (6), (b) (7)

Changes from the last update are in red.

Hot Issues

- Renewal Contracts – Round IV
 - Twelve contracts awarded. No more contracts are to be awarded (YUM Veg/Debris is on hold).
 - El Paso Fence – last option will expire 8 Jan
 - Yuma Fence – last option will expire 24 Jan
 - Tucson Fence – last option will expire 24 Jan
 - Yuma Roads – last option will expire 22 Jan
 - Tucson Roads – last option will expire 30 Jan
 - El Paso Roads – last option will expire 30 Jan
 - Tucson Veg/Debris – 1st option will start 22 Nov; last option expires 18 May
 - Yuma Lighting – 1st option will start 4 Nov; last option expires 30 Apr
 - El Paso Lighting – 1st option will start 5 Nov; last option expires 4 May
 - BBT Roads – last option was exercised, good thru 26 Mar.
 - EPT Veg/Deb – first option has been exercised, good thru 11 Apr
 - Each contract has 2 options, which each last 90 days
 - No MATOC capability exists for future Task Order needs after MATOCs expire
 - ECSO provided ROM estimate for WA #1, #2, #3, for new TI M&R contracts.
 - Also provided estimate for extensions, if approved by their CO.
 - Decision issued 9 Nov – no extensions allowed.
 - Standing down on using ECSO for gap filler for WA#1.
 - \$120K transferred to ECSO 29 Nov to cover PM to get contracts awarded.
 - EPT and TCA Fence were identified as top priority needs, with TCA and EPT Roads next, and BBT Roads/Veg/Debris next.
 - Also working with (b) (6), (b) (7)(C) on TCA Gate Opening contract extension and TCA Lighting reprocurement.
 - Gate opening contract will be extended for 3 months thru mid-May 2013.
 - (b) (6), (b) (7)(C) will work new lighting contract thru Sector procurement.
 - YUM M&R coverage
 - Fence will be done in-house until CTIMR
 - Roads will be done in-house and with small contract thru CBP Procurement
 - Lighting MATOC will be extended by ECSO as needed
 - 45 day gap filler packages sent to (b) (6), (b) (7)(C) for review for TCA and EPT Fencing.
 - Funds requests submitted and approved for both.
 - Gate maintenance is deleted from TCA contract, after coordination with (b) (6), (b) (7)(C). Allows 45 day PoP vs. 1 mo.
 - EPT Fencing contract awarded to Cerrudo 19 Dec for \$142,518.98, from 9 Jan – 23 Feb 2013.
 - Precon held by (b) (6), (b) (7)(C) 8 Jan

TCA Fencing PO issued to Capers in the amount of \$82,243.36 on 3 Jan 2013. **Precon pending.**

- Working on budget and estimated quantities for EPT & TCA Fence and Roads contracts with (b) (6), (b) (7)(C), ECSO.
 - Schedule received that has NTP of 11 Mar 2013 for all four contracts.
 - Funds requested 2 Jan for \$2,118K for 4 contracts.
 - ECSO reviewing need for PgM and Const O/S funding and will provide adjusted estimates.
 - ECSO agreed to provide Const O/S support for CBP gap filler fencing contracts, and requested \$10K on 2 Jan. Funds approved by (b) (6), (b) (7) and **provided to ECSO.**
- (b)(7)(E) Bridge – Security Requirements



- Span across Rio Grande has been installed, with fencing to deter pedestrian traffic.
- Completion of (b)(7)(E) project is on hold, per County's construction manager.
 - Real estate acquisition is now complete.
 - (b) (5)
 - (b) (5)
 - (b) (5)
 - (b) (5)
 - (b) (5)
 - (b) (5)
- Sent CCRMA email offering swing gate option 7 Dec.
- Provided (b) (6), (b) (7) with updated issue paper 10 Dec.
- (b)(7)(E) Boat Ramp
 - Revised PRD is in technical review as of 9 Oct. PRD addresses phase 1 need for surveys of river bottom, and for gradient boundary line.
 - Phase 2 PRD will be developed once scope is confirmed with Sector following receipt of survey results.
 - PRD is final and was sent to ECSO for action.
 - Advised (b) (6), (b) (7)(C) on 28 Nov that she is the PM for this action and I will provide engineering support.
 - **O&M funding of \$21K provided to ECSO.**

Major Efforts

- RGV Gates
 - Plan-in-hand site inspection held for second set of designs (15) on 4 Dec.
 - Updated design dwgs received for 2nd package on 20 Dec.
 - **Review comments provided 3 Jan.**
 - Test gates were accepted on 14 Nov
 - DOJ got possession of Loop tracts on 15 Nov. Delay to Weston may be ~15 days due to extended time to mobilize subs, per discussion between USACE/Weston.
 - **Updated schedule received from Weston/USACE**
 - **Accelerates gate closings; impacting RE availability.**

- We are accelerating RE efforts in (b)(7)(E)
- Pier drilling and pier caps ongoing in (b)(7)(E) Gate closing started with (b)(7)(E) on 9 Jan.
 - CR approved in FITT for negotiated \$23K for delayed NTP/remob for (b)(7)(E) gates.
 - RE working on possession of fee under levee for (b)(7)(E) for alternate access
 - Significant issues at (b)(7)(E) meeting held on 17 Dec w/OCC/DOJ, etc.
 - Working to communicate with (b)(7)(E) landowners (b)(6), (b)(7)(C) and (b)(6), (b)(7)(C)
 - USACE confirmed with (b)(6), (b)(7)(C) that he and son are only ones farming south of levee in (b)(7)(E) Other landowners can access next to water tower.
 - Contacted IBWC for permit for landowners to use levee road in (b)(7)(E) during gate closures. Will submit request by Friday.
 - Gate Closure Communications
 - BOD has message on HOTLINE advising of new schedule, and is providing updates.
 - Emails sent to law enforcement, emergency responders and other governmental agencies on 12 Dec.
 - Landowner training
 - Sector training held for the Station trainers on 11/12 Dec.
 - (b)(6), (b)(7)(C) will update training materials based on comments, and will provide to Sector for use by Station trainers.
 - OCC review comments received. Finalizing responses.

Good News

Concerns

- RGV (b)(7)(E) Highway – Fence Relocation
 - Confirmed funding available from TxDOT & CCRMA bonds; final estimate not developed yet
 - Coordination w/IBWC will start once TxDOT approves draft EA
 - CC engineer sent latest schedule & draft EA 8 Mar
 - Forwarded EA to (b)(6), (b)(7)(C) 2 Apr.
 - Received maps from CC engineer 25 Jun.
 - TXDOT (thru IBWC) provided schedule info, noting a contract letting date of Dec 2013.
 - Latest schedule received from TXDOT 28 Nov. No change in contract letting date of Dec 2013.
- IBWC Riverside MOA & design
 - Response to BPFTI comments received
 - Some items will need to be funded by BPFTI
 - Draft MOA submitted to IBWC 15 June for review.
 - Received IBWC comments and sent CBP comments to them on 22 Oct.
 - Working IAA for guard rail and security grating over valve vault
 - USACE will initiate design – tasked to them 14 Sep.
 - Requested update 16 Oct.
 - Will contract separately from IBWC, so no IAA will be required.
- Grate Raising Winches (b)(7)(E) RGV)
 - Legal advised that O&M was correct funds source. Drafted PRD
 - RE input received; requested RE and ECSO cost/schedule info 18 Oct
 - ECSO continues to have trouble getting in-house engineering support.
 - ECSO PM provided estimate on 20 Jun. Will request updated estimate e to cover

- (b)(7)(E) grate as well.
 - Discussed with (b)(6), (b)(7)(C) turning over PM duties for this PRD, 12 Dec. I will be engineering support
 - (b)(7)(E) Grates – vegetation accumulations are resulting in high maintenance and need to raise grates and hold them open.
 - Current Hidalgo County design does not allow for holding grates open, and makes lifting grates difficult and possibly a safety concern for inexperienced workers.
 - Received test data from (b)(6), (b)(7)(C) on pins for pinning proposal 15 Oct.
 - Currently evaluating data.
 - (b)(5)
 - I'll discuss with (b)(6), (b)(7)(C) whether she wants to initiate a study.
 - CTIMR Support – Area 4
 - RGV - providing technical support for (b)(6), (b)(7)(C) on unsuitable caliche for levee maintenance, on (b)(7)(E) maintenance scope, and on lifting system for (b)(7)(E) grates.
 - Working to establish standard specification for caliche.
 - Collecting sample caliche specs & discussing issues with local supplier's engineer.
 - Need to finalize standard for drag roads; need to reconfirm Sector requirement for width (b)(6), (b)(7)(C) and get (b)(6), (b)(7)(C) final review.
 - RGV Access Road M&R
 - Visited Sector and site with Primus & (b)(6), (b)(7)(C) & (b)(6), (b)(7)(C).
 - Prepared recommendations for M&R for CWP#2 access roads.
 - Discussions held 12 Oct with (b)(6), (b)(7)(C) to finalize task descriptions for access roads
 - Received Primus recommendations for road M&R categories for future classification of M&R.
- (b) (5), (b) (7)(E)
- Worked with (b)(6), (b)(7)(C) to clarify standards for cross slopes and aggregate thickness calculations

Deliverables

- RGV Gates IPT minutes & agenda

(b)(6), (b)(7)(C)

(b)(6), (b)(7)(C), PE, PMP

Program Manager

LMI

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

Office: (b)(6), (b)(7)(C)

Mobile: (b)(6), (b)(7)(C)

"Excel as a trusted strategic partner enhancing

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Weekly Report - 27 Dec (b) (6), (b) (7)(C)
Date: Wednesday, December 26, 2012 11:29:49 AM

(b) (6), (b) (7)

Changes from the last update are in red.

Hot Issues

- Renewal Contracts – Round IV
 - Twelve contracts awarded. No more contracts are to be awarded (YUM Veg/Debris is on hold).
 - El Paso Fence – last option will expire 8 Jan
 - Yuma Fence – last option will expire 24 Jan
 - Tucson Fence – last option will expire 24 Jan
 - Yuma Roads – last option will expire 22 Jan
 - Tucson Roads – last option will expire 30 Jan
 - El Paso Roads – last option will expire 30 Jan
 - Tucson Veg/Debris – 1st option will start 22 Nov; last option expires 18 May
 - Yuma Lighting – 1st option will start 4 Nov; last option expires 30 Apr
 - El Paso Lighting – 1st option will start 5 Nov; last option expires 4 May
 - BBT Roads – requested last option be exercised.
 - EPT Veg/Deb – requested first option be exercised.
 - Each contract has 2 options, which each last 90 days
 - No MATOC capability exists for future Task Order needs after MATOCs expire
 - ECSO provided ROM estimate for WA #1, #2, #3, for new TI M&R contracts.
 - Also provided estimate for extensions, if approved by their CO.
 - Decision issued 9 Nov – no extensions allowed.
 - Standing down on using ECSO for gap filler for WA#1.
 - \$120K transferred to ECSO 29 Nov to cover PM to get contracts awarded.
 - EPT and TCA Fence were identified as top priority needs, with TCA and EPT Roads next.
 - We are considering options for TCA Lighting and YUM Roads.
 - Also working with (b) (6), (b) (7)(C) on TCA Gate Opening contract extension and TCA Lighting reprocurement.
 - Gate opening contract will be extended for 3 months thru mid-May 2013.
 - 45 day gap filler packages sent to (b) (6), (b) (7)(C) for review for TCA and EPT Fencing.
 - Funds requests submitted and approved for both.
 - Gate maintenance is deleted from TCA contract, after coordination with (b) (6), (b) (7)(C). Allows 45 day PoP vs. 1 mo.
 - EPT Fencing contract awarded to Cerrudo 19 Dec for \$142,518.98, from 9 Jan – 23 Feb 2013.
 - (b) (5), (b) (3)
 - Working on budget and estimated quantities for EPT & TCA Fence and Roads contracts with (b) (6), ECSO.
 - Schedule received that has NTP of 11 Mar 2013 for all four contracts.

- [REDACTED] (b) (5)
- ECSO reviewing need for PgM and Const O/S funding and will provide adjusted estimates.
- ECSO checking to confirm ability to provide Const O/S support for CBP gap filler fencing contracts, and will request funds soonest.
- (b)(7)(E) Bridge – Security Requirements

(b) (5)

- Span across Rio Grande has been installed, with fencing to deter pedestrian traffic.
- Completion of (b)(7)(E) project is on hold, per County’s construction manager.
 - Real estate acquisition is now complete.
 - [REDACTED] (b) (5)
 - [REDACTED] (b) (5)
 - [REDACTED] (b) (5)
 - [REDACTED] (b) (5)
 - [REDACTED] (b) (5)
- Sent CCRMA email offering swing gate option 7 Dec.
- Provided (b) (6), (b) (7)(E) with updated issue paper 10 Dec.
- (b)(7)(E) Boat Ramp
 - Revised PRD is in technical review as of 9 Oct. PRD addresses phase 1 need for surveys of river bottom, and for gradient boundary line.
 - Phase 2 PRD will be developed once scope is confirmed with Sector following receipt of survey results.
 - PRD is final and was sent to ECSO for action.
 - Advised (b) (6), (b) (7)(C) on 28 Nov that she is the PM for this action and I will provide engineering support.
 - As requested by ECSO, I worked with (b) (6), (b) (7)(C) to obtain “govie” approval to use \$29K sent to ECSO in Sep 2011.

Major Efforts

- RGV Gates
 - Plan-in-hand site inspection held for second set of designs (b) (7)(E) on 4 Dec.
 - Final design dwgs received for 1st package (b)(7)(E)
 - Test gates were accepted on 14 Nov
 - DOJ got possession of Loop tracts on 15 Nov. Delay to Weston may be ~15 days due to extended time to mobilize subs, per discussion between USACE/Weston.
 - Updated schedule received showing work starting at (b)(7)(E) on 3 Dec.
 - Pier subcontractor is accelerating his schedule. We are working with OCC & DOJ to assure landowners are notified.
 - CR received in FITT for negotiated \$23K for delayed NTP/remob for (b)(7)(E) gates.
 - Pier drilling completed at (b)(7)(E) gates. Contractor plans to complete pier drilling at (b)(7)(E) gates before Xmas.

- Gate closures are currently not scheduled to begin until 3 Jan (b)(7)(E) Gate).
- RE working on possession of fee under levee for (b)(7)(E)
 - Significant issues at (b)(7)(E) meeting held on 17 Dec w/OCC/DOJ, etc.
- Gate Closure Communications
 - BOD has message on HOTLINE advising of new schedule, and is providing updates.
 - Emails sent to law enforcement, emergency responders and other governmental agencies on 12 Dec.
- Landowner training
 - Sector training held for the Station trainers on 11/12 Dec.
 - (b)(6), (b)(7)(C) will update training materials based on comments, and will provide to Sector for use by Station trainers.

Good News

Concerns

- RGV East Loop Highway – Fence Relocation
 - Confirmed funding available from TxDOT & CCRMA bonds; final estimate not developed yet
 - Coordination w/IBWC will start once TxDOT approves draft EA
 - CC engineer sent latest schedule & draft EA 8 Mar
 - Forwarded EA to (b)(6), (b)(7)(C) 2 Apr.
 - Received maps from CC engineer 25 Jun.
 - TXDOT (thru IBWC) provided schedule info, noting a contract letting date of Dec 2013.
 - Latest schedule received from TXDOT 28 Nov. No change in contract letting date of Dec 2013.
- IBWC Riverside MOA & design
 - Response to BPFTI comments received
 - Some items will need to be funded by BPFTI
 - Draft MOA submitted to IBWC 15 June for review.
 - Received IBWC comments and sent CBP comments to them on 22 Oct.
 - Working IAA for guard rail and security grating over valve vault
 - USACE will initiate design – tasked to them 14 Sep.
 - Requested update 16 Oct.
 - Will contract separately from IBWC, so no IAA will be required.
- Grate Raising Winches (b)(7)(E) RGV
 - Legal advised that O&M was correct funds source. Drafted PRD
 - RE input received; requested RE and ECSO cost/schedule info 18 Oct
 - ECSO continues to have trouble getting in-house engineering support.
 - ECSO PM provided estimate on 20 Jun. Will request updated estimate e to cover (b)(7)(E) grate as well.
 - Discussed with (b)(6), (b)(7)(C) turning over PM duties for this PRD, 12 Dec. I will be engineering support
- (b)(7)(E) Grates – vegetation accumulations are resulting in high maintenance and need to raise grates and hold them open.
 - Current Hidalgo County design does not allow for holding grates open, and makes lifting grates difficult and possibly a safety concern for inexperienced workers.
 - Received test data from (b)(6), (b)(7)(C) & (b)(6), (b)(7)(C) on pins for pinning proposal 15 Oct.
 - Currently evaluating data.

- [REDACTED] (b) (5) .
 - I'll discuss with [REDACTED] (b) (6), (b) (7)(C) whether she wants to initiate a study.
- CTIMR Support – Area 4
 - RGV - providing technical support for [REDACTED] (b) (6), (b) (7)(C) on unsuitable caliche for levee maintenance, on (b)(7)(E) maintenance scope, and on lifting system for [REDACTED] (b)(7)(E) grates.
 - Working to establish standard specification for caliche.
 - Collecting sample caliche specs & discussing issues with local supplier's engineer.
 - Need to finalize standard for drag roads; need to reconfirm Sector requirement for width [REDACTED] (b) (6), (b) (7)(C) and get [REDACTED] (b) (6), (b) (7)(C) final review.
 - RGV Access Road M&R
 - Visited Sector and site with Primus & [REDACTED] (b) (6), (b) (7)(C) & [REDACTED] (b) (6), (b) (7)(C).
 - Prepared recommendations for M&R for CWP#2 access roads.
 - Discussions held 12 Oct with [REDACTED] (b) (6), (b) (7)(C) to finalize task descriptions for access roads
 - Received Primus recommendations for road M&R categories for future classification of M&R
 - [REDACTED] (b) (5)
 - [REDACTED] (b) (5)
 - Worked with [REDACTED] (b) (6), (b) (7)(C) to clarify standards for cross slopes and aggregate thickness calculations

Deliverables

- RGV Gates IPT minutes & agenda
- Technical review of TCA Fence gap filler contractor proposals.

[REDACTED] (b) (6), (b) (7)(C)

[REDACTED] (b) (6), (b) (7)(C), PE, PMP

Program Manager

LMI

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

Office: [REDACTED] (b) (6), (b) (7)(C)

Mobile: [REDACTED] (b) (6), (b) (7)(C)

"Excel as a trusted strategic partner enhancing

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C) | (b) (6) | (b) (6), (b) (7)(C) | (b) (6) | (b) (6), (b) (7)(C)
Subject: (b) (6) Issue, Gate (b)(7)(E) RGV Gates Project
Date: Sunday, January 06, 2013 10:54:12 AM
Attachments: Not Responsive

(b) (6), (b) (7)(C)
I need your help on the (b) (6) alternate access issue. (b) (5), (b) (7)(E)
ECSO legal has requested to know if there are any agreements with FWS regarding our placement of the fence on their property (b) (5), and for operating a gate that provides (b) (6) access thru their property.
(b) (5)

We are under a time constraint to get this sorted out without delaying our contractor, and I need your assistance (b) (5)

I'm copying (b) (6), (b) (7)(C) in case he knows of anything from the NEPA process.

Thanks for the help.

(b) (6), (b) (7)(C)
(b) (6), (b) (7)(C), PE, PMP
Program Manager
LMI
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
*"Excel as a trusted strategic partner enhancing
Border Patrol's proud legacy"*

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Weekly Report - 3 Jan (b) (6), (b) (7)(C)
Date: Thursday, January 03, 2013 12:17:37 PM

(b) (6), (b) (7)

Changes from the last update are in red.

Hot Issues

- Renewal Contracts – Round IV
 - Twelve contracts awarded. No more contracts are to be awarded (YUM Veg/Debris is on hold).
 - El Paso Fence – last option will expire 8 Jan
 - Yuma Fence – last option will expire 24 Jan
 - Tucson Fence – last option will expire 24 Jan
 - Yuma Roads – last option will expire 22 Jan
 - Tucson Roads – last option will expire 30 Jan
 - El Paso Roads – last option will expire 30 Jan
 - Tucson Veg/Debris – 1st option will start 22 Nov; last option expires 18 May
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 - El Paso Lighting – 1st option will start 5 Nov; last option expires 4 May
 - BBT Roads – last option was exercised, good thru 26 Mar.
 - EPT Veg/Deb – requested first option be exercised.
 - Each contract has 2 options, which each last 90 days
 - No MATOC capability exists for future Task Order needs after MATOCs expire
 - ECSO provided ROM estimate for WA #1, #2, #3, for new TI M&R contracts.
 - Also provided estimate for extensions, if approved by their CO.
 - Decision issued 9 Nov – no extensions allowed.
 - Standing down on using ECSO for gap filler for WA#1.
 - \$120K transferred to ECSO 29 Nov to cover PM to get contracts awarded.
 - EPT and TCA Fence were identified as top priority needs, with TCA and EPT Roads next, and BBT Roads/Veg/Debris next.
 - Also working with (b) (6), (b) (7)(C) on TCA Gate Opening contract extension and TCA Lighting reprocurement.
 - Gate opening contract will be extended for 3 months thru mid-May 2013.
 - (b) (6), (b) (7)(C) will work new lighting contract thru Sector procurement.
 - YUM M&R coverage
 - Fence will be done in-house until CTIMR
 - Roads will be done in-house and with small contract thru CBP Procurement
 - Lighting MATOC will be extended by ECSO as needed
 - 45 day gap filler packages sent to (b) (6), (b) (7)(C) for review for TCA and EPT Fencing.
 - Funds requests submitted and approved for both.
 - Gate maintenance is deleted from TCA contract, after coordination with (b) (6), (b) (7)(C). (b) (6), (b) (7)(C) Allows 45 day PoP vs. 1 mo.
 - EPT Fencing contract awarded to Cerrudo 19 Dec for \$142,518.98, from 9 Jan – 23 Feb 2013.
 - TCA Fencing PO issued to Capers in the amount of \$82,243.36 on 3 Jan

2013.

- Working on budget and estimated quantities for EPT & TCA Fence and Roads contracts with (b) (6), ECSO.
 - Schedule received that has NTP of 11 Mar 2013 for all four contracts.
 - Funding being revised to reflect ½ of quantities for EPT Roads for base period. Funds requested 2 Jan for \$(b) (5) for 4 contracts.
 - ECSO reviewing need for PgM and Const O/S funding and will provide adjusted estimates.
 - ECSO agreed to provide Const O/S support for CBP gap filler fencing contracts, and requested \$(b) (5) on 2 Jan. Funds approved by (b) (6), (b) (7)
- (b)(7)(E) Bridge – Security Requirements

(b) (5)

- Span across Rio Grande has been installed, with fencing to deter pedestrian traffic.
- Completion of (b)(7)(E) project is on hold, per County's construction manager.
 - Real estate acquisition is now complete.
 - (b) (5)
 - (b) (5)
 - (b) (5)
 - (b) (5)
- Sent CCRMA email offering swing gate option 7 Dec.
- Provided (b) (6), (b) (7) with updated issue paper 10 Dec.
- (b)(7)(E) Boat Ramp
 - Revised PRD is in technical review as of 9 Oct. PRD addresses phase 1 need for surveys of river bottom, and for gradient boundary line.
 - Phase 2 PRD will be developed once scope is confirmed with Sector following receipt of survey results.
 - PRD is final and was sent to ECSO for action.
 - Advised (b) (6), (b) (7)(C) on 28 Nov that she is the PM for this action and I will provide engineering support.
 - I need to discuss funding issue with (b) (6), (b) (7) – PRD is approved for O&M funds, but ECSO has \$(b) (5) of D&D on hand from Sep 2011.

Major Efforts

- RGV Gates
 - Plan-in-hand site inspection held for second set of designs (15) on 4 Dec.
 - Updated design dwgs received for 2nd package on 20 Dec.
 - Test gates were accepted on 14 Nov
 - DOJ got possession of Loop tracts on 15 Nov. Delay to Weston may be ~15 days due to extended time to mobilize subs, per discussion between USACE/Weston.
 - Updated schedule due from Weston/USACE
 - All piers drilled at (b)(7)(E) except gates (b) (7)(E) which are scheduled this week.
 - Pier caps are being construction and electrical trenching is progressing

- Superstructure erection will start at Gate (b)(7)(E) this week.
 - CR received in FITT for negotiated \$23K for delayed NTP/remob for (b)(7)(E) gates.
 - Gate closures scheduled to begin until 3 Jan (b)(7)(E) Gate).
- RE working on possession of fee under levee for (b)(7)(E)
 - Significant issues at (b)(7)(E) meeting held on 17 Dec w/OCC/DOJ, etc.
 - Working to communicate with (b)(7)(E) landowners (b)(7)(E) landowner (b)(6), (b)(7)(C) to determine if alternate access can be resolved.
- Gate Closure Communications
 - BOD has message on HOTLINE advising of new schedule, and is providing updates.
 - Emails sent to law enforcement, emergency responders and other governmental agencies on 12 Dec.
- Landowner training
 - Sector training held for the Station trainers on 11/12 Dec.
 - (b)(6), (b)(7)(C) will update training materials based on comments, and will provide to Sector for use by Station trainers.
 - OCC review comments received. Meeting scheduled 4 Jan to review/resolve.

Good News

Concerns

- RGV (b)(7)(E) Highway – Fence Relocation
 - Confirmed funding available from TxDOT & CCRMA bonds; final estimate not developed yet
 - Coordination w/IBWC will start once TxDOT approves draft EA
 - CC engineer sent latest schedule & draft EA 8 Mar
 - Forwarded EA to (b)(6), (b)(7)(C) 2 Apr.
 - Received maps from CC engineer 25 Jun.
 - TXDOT (thru IBWC) provided schedule info, noting a contract letting date of Dec 2013.
 - Latest schedule received from TXDOT 28 Nov. No change in contract letting date of Dec 2013.
- IBWC Riverside MOA & design
 - Response to BPFTI comments received
 - Some items will need to be funded by BPFTI
 - Draft MOA submitted to IBWC 15 June for review.
 - Received IBWC comments and sent CBP comments to them on 22 Oct.
 - Working IAA for guard rail and security grating over valve vault
 - USACE will initiate design – tasked to them 14 Sep.
 - Requested update 16 Oct.
 - Will contract separately from IBWC, so no IAA will be required.
- Grate Raising Winches (b)(7)(E) RGV)
 - Legal advised that O&M was correct funds source. Drafted PRD
 - RE input received; requested RE and ECSO cost/schedule info 18 Oct
 - ECSO continues to have trouble getting in-house engineering support.
 - ECSO PM provided estimate on 20 Jun. Will request updated estimate e to cover (b)(7)(E) grate as well.
 - Discussed with (b)(6), (b)(7)(C) turning over PM duties for this PRD, 12 Dec. I will be engineering support

- (b)(7)(E) Grates – vegetation accumulations are resulting in high maintenance and need to raise grates and hold them open.
 - Current Hidalgo County design does not allow for holding grates open, and makes lifting grates difficult and possibly a safety concern for inexperienced workers.
 - Received test data from (b)(6), (b)(7)(C) & (b)(6), (b)(7)(C) on pins for pinning proposal 15 Oct.
 - Currently evaluating data.
 - (b)(5)
 - I'll discuss with (b)(6), (b)(7)(C) whether she wants to initiate a study.
- CTIMR Support – Area 4
 - RGV - providing technical support for (b)(6), (b)(7)(C) on unsuitable caliche for levee maintenance, on (b)(7)(E) maintenance scope, and on lifting system for (b)(7)(E) grates.
 - Working to establish standard specification for caliche.
 - Collecting sample caliche specs & discussing issues with local supplier's engineer.
 - Need to finalize standard for drag roads; need to reconfirm Sector requirement for width (b)(6), (b)(7)(C) and get (b)(6), (b)(7)(C) final review.
 - RGV Access Road M&R
 - Visited Sector and site with Primus & (b)(6), (b)(7)(C) & (b)(6), (b)(7)(C).
 - Prepared recommendations for M&R for CWP#2 access roads.
 - Discussions held 12 Oct with (b)(6), (b)(7)(C) to finalize task descriptions for access roads
 - Received Primus recommendations for road M&R categories for future classification of M&R.
 - (b)(5)
 - (b)(5)
 - Worked with (b)(6), (b)(7)(C) to clarify standards for cross slopes and aggregate thickness calculations

Deliverables

- RGV Gates IPT minutes & agenda

(b)(6), (b)(7)(C)

(b)(6), (b)(7)(C), PE, PMP
 Program Manager
 LMI
 Border Patrol Facilities and Tactical Infrastructure
 Program Management Office
 Facilities Management and Engineering
 Office: (b)(6), (b)(7)(C)
 Mobile: (b)(6), (b)(7)(C)

"Excel as a trusted strategic partner enhancing

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: FW: Funds Request, TCA Fence M&R, Gap Filler
Date: Tuesday, November 27, 2012 5:17:35 PM
Attachments: [T1 Funds Request - Border Fence M&R, Tucson Sector 11-26-2012.doc](#)
[Appendices - TCA Fence M&R 11-26-2012.pdf](#)
[Appendix IV - Tucson Fence M&R 11-26-2012.doc](#)
[IGCE TCA Fence 11-25-2012.xls](#)

Hi (b) (6), (b) (7)(C)

Funds request attached for your review and approval.

(b) (6), (b) (7)(C)



From: (b) (6), (b) (7)(C)
Sent: Tuesday, November 27, 2012 2:13 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Funds Request, TCA Fence M&R, Gap Filler

I changed the subject line to reflect the correct Sector for this action – Tucson. Please ignore the last one.

(b) (6), (b) (7)(C), PE, PMP
Program Manager
LMI
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
*"Excel as a trusted strategic partner enhancing
Border Patrol's proud legacy"*

From: (b) (6), (b) (7)(C)
Sent: Tuesday, November 27, 2012 5:11 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Funds Request, EPT Fence M&R, Gap Filler

(b) (6), (b) (7)(C),

Attached is a funds request for (b) (5) and the procurement package for this requirement. The existing USACE contract runs out on 24 January 2013 and we're working with CBP contracting to get an urgent replacement contract. Thanks for the help.

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), PE, PMP
Program Manager
LMI
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)

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Border Patrol's proud legacy"*

Tactical Infrastructure Funds Request

Completed by Division Staff / Project Management			
Complete and submit the Funds Request (FR) form to the Financial Officer for review, revision, and/or approval. Please include the Statement of Work (SOW) and/or Statement of Objectives (SOO); Independent Government Cost Estimate (IGCE), USACE Funds Management Form, and/or Cost Estimation Form (CE); and Approved Change Request (CR) and/or Project Requirement Document (PRD).			
Date:	November 26, 2012		
Subject Matter:	BORDER FENCE MAINTENANCE AND REPAIR, TUCSON SECTOR BORDER PATROL		
Originator Information: (Name, Title, Phone Number)	(b) (6), (b) (7)(C) PM/COR Tucson Sector DHS/CBP FM&E BPFTI-Tactical Infrastructure Cell: (b) (6), (b) (7)(C) Email: (b) (6), (b) (7)(C)		
Funds Request Amount:	(b) (5)		
Contract Type: (RWA or Procurement)	Firm Fixed		
Summary (Provide a brief description of what the funds are being used for): To provide border fence maintenance and repair support along Tactical Infrastructure in Arizona (Tucson Sector). Request funding to allow award of a short term contract. The current contract thru ECSO expires on 24 January 2013, and a new contract is not expected to be awarded until late January. This is a critical requirement that needs to be executed ASAP so a contractor can be fully mobilized by 24 January to prevent a CRITICAL gap in mission essential service for the Tucson Sector. The funds identified are based on competitive pricing on USACE MATOCs.			
Completed by Financial Officer			
Funds Availability			
Amount:			
Fund:			
Fund Center:			
Functional Area:			
Object Class Distribution:			
Z-Code/Order:			
PR#			
Date Entered into SAP			
Required Approvals			
TI Division Director:	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">Name</td> <td style="width: 50%; border: none;">Date</td> </tr> </table>	Name	Date
Name	Date		

Financial Management Branch Chief:	Name Date
------------------------------------	--------------------------------

APPENDIX I

(b) (7)(E)

(b) (7)(E)

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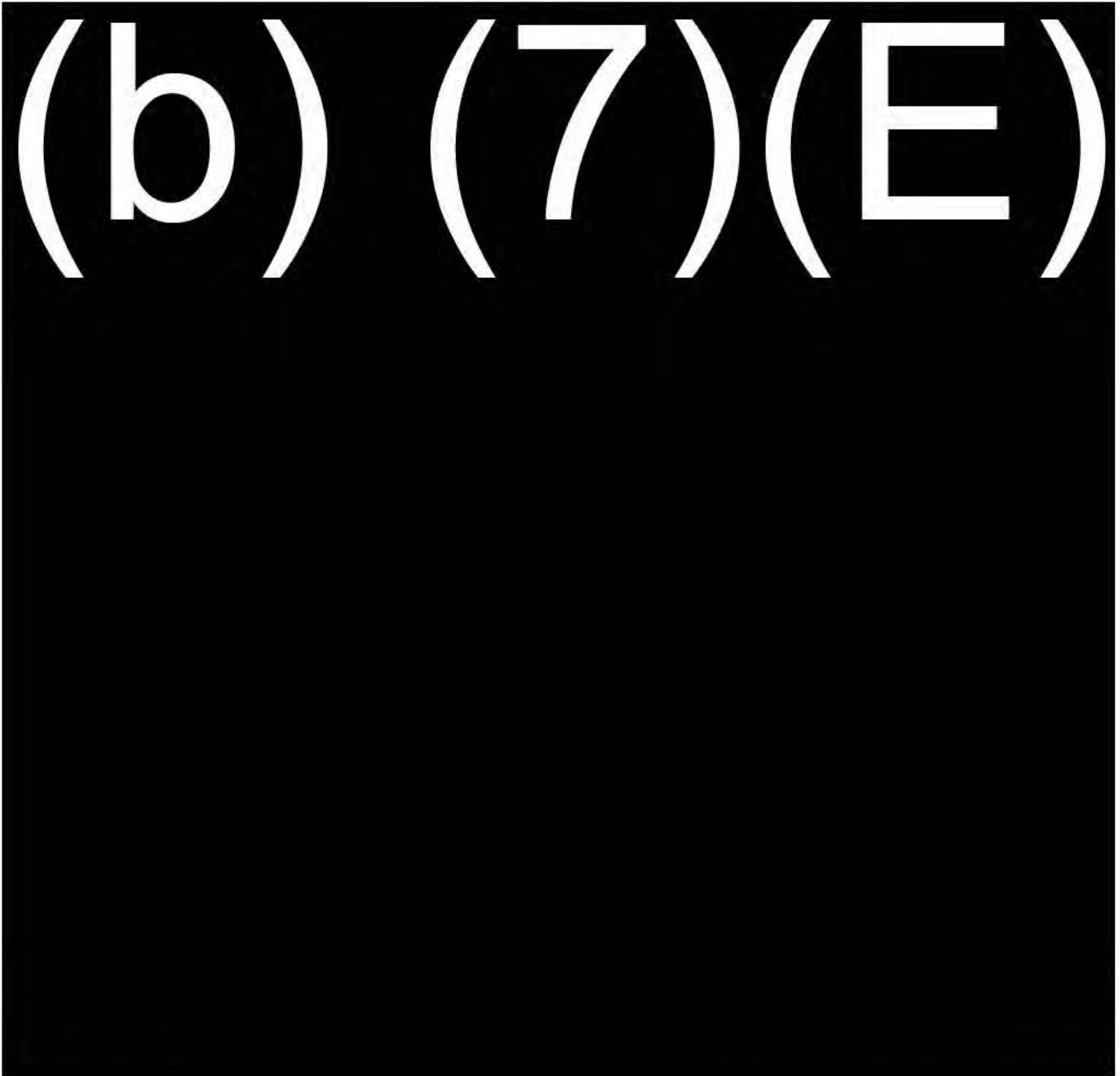
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(b) (7)(E)

APPENDIX II

SECTION 03 20 01.00 10



1.2 SUBMITTALS

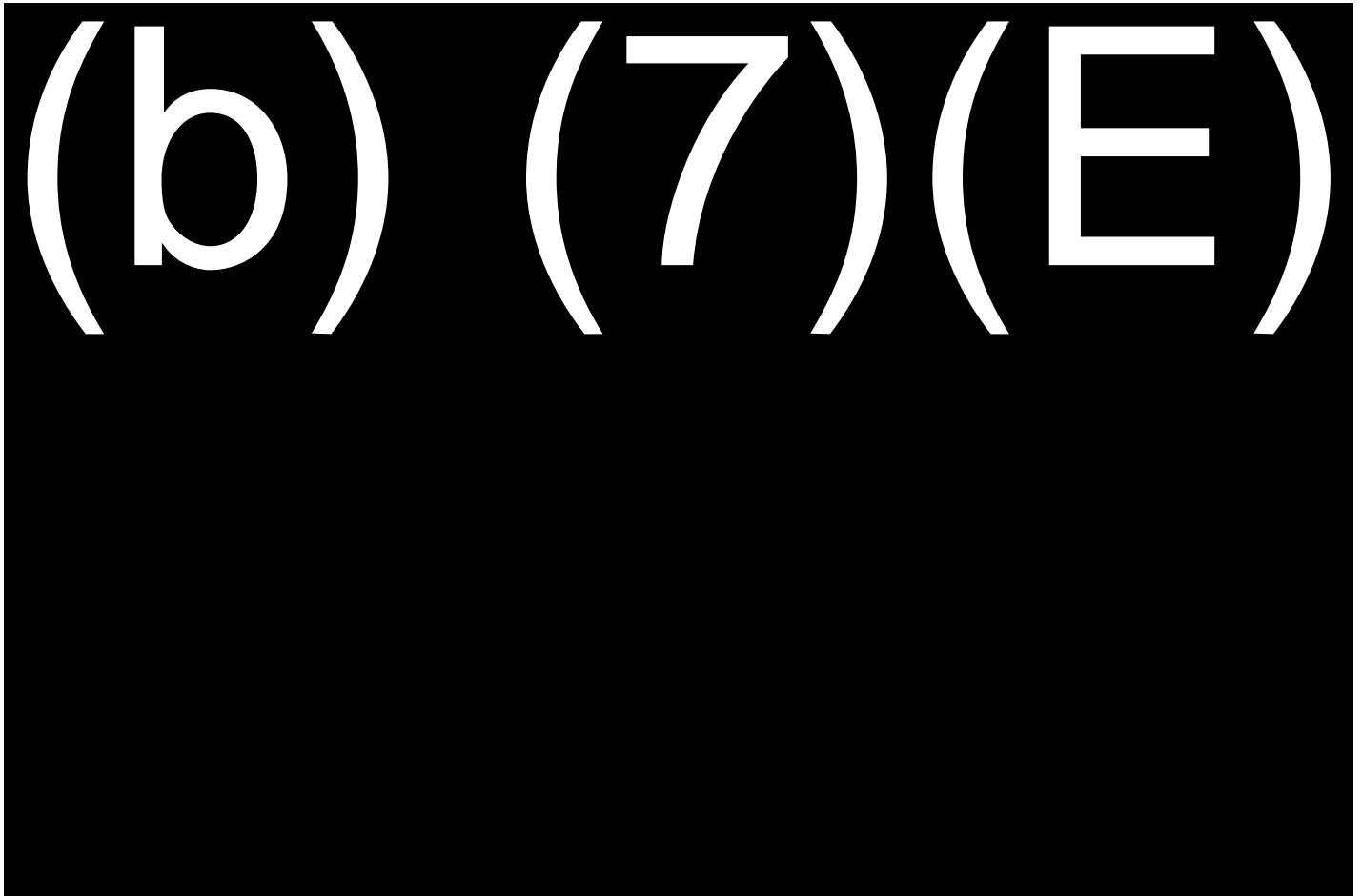
Government approval is required for submittals with a "G" designation; submittals not having a "G" designation are for information only. When used, a designation following the "G" designation identifies the office that will review the submittal for the Government. Submit the following in accordance with Section 01 33 00 SUBMITTAL PROCEDURES:

(b) (7) (E)



1.4 DELIVERY, STORAGE, AND HANDLING

Reinforcement and accessories shall be stored off the ground on platforms, skids, or other supports.



(b) (7) (E)

-- End of Section --

SECTION 03 30 00.00 40

(b) (7) (E)

(b) (7) (E)



(b) (7) (E)



1.2 SUBMITTALS

Government approval is required for submittals with a "G" designation; submittals not having a "G" designation are for information only. When used, a designation following the "G" designation identifies the office that will review the submittal for the Government. Submit the following in accordance with Section 01 33 00 SUBMITTAL PROCEDURES:

SD-01 Preconstruction Submittals

Construction Equipment Lists shall be submitted by the Contractor prior to construction in accordance with the paragraph entitled, "General Information," of this section.

(b) (7) (E)



(b) (7) (E)

SD-08 Manufacturer's Instructions

Installation instructions shall indicate the manufacturer's recommended method and sequence of installation for the following items:

- Admixtures
- Bonding Materials

SD-11 Closeout Submittals

Records of Communication shall be submitted in accordance with paragraph entitled, "General Information," of this section.

(b) (7) (E)

(b) (7) (E)

1.7 DELIVERY AND STORAGE OF MATERIALS

Packaged materials shall be delivered to the project site in their original, unopened package or container bearing label clearly identifying manufacturer's name, brand name, material, weight or volume, and other pertinent information. Packaged materials shall be stored in their original, unbroken package or container in a weathertight and dry place until ready for use in the work.

Unpackaged aggregates shall be stored to avoid excessive segregation, contamination with other materials or other size aggregates, or freezing.

Reinforcement and other metal items shall be protected from corrosion and shall be kept free from ice, grease, and other coatings that would destroy or reduce bond.

1.8 GENERAL INFORMATION

Construction Equipment Lists of major components used during this phase of work shall be submitted prior to construction.

Letters of record expressing Communication between the Contractor and Contracting Officer shall be provided after the contract completion.

(b) (7) (E)

(b) (7) (E)



(b) (7) (E)

(b) (7) (E)



(b) (7) (E)



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(b) (7) (E)

(b) (7) (E)



(b) (7) (E)

-- End of Section --

SECTION 03 60 00

(b) (7) (E)

1.2 SUBMITTALS

Government approval is required for submittals with a "G" designation; submittals not having a "G" designation are for information only. When used, a designation following the "G" designation identifies the office that will review the submittal for the Government. Submit the following in accordance with Section 01 33 00 SUBMITTAL PROCEDURES:

SD-03 Product Data

Cold Weather Installation

Cold weather construction procedures.

Manufacturer's data sheets on each product to be used; G

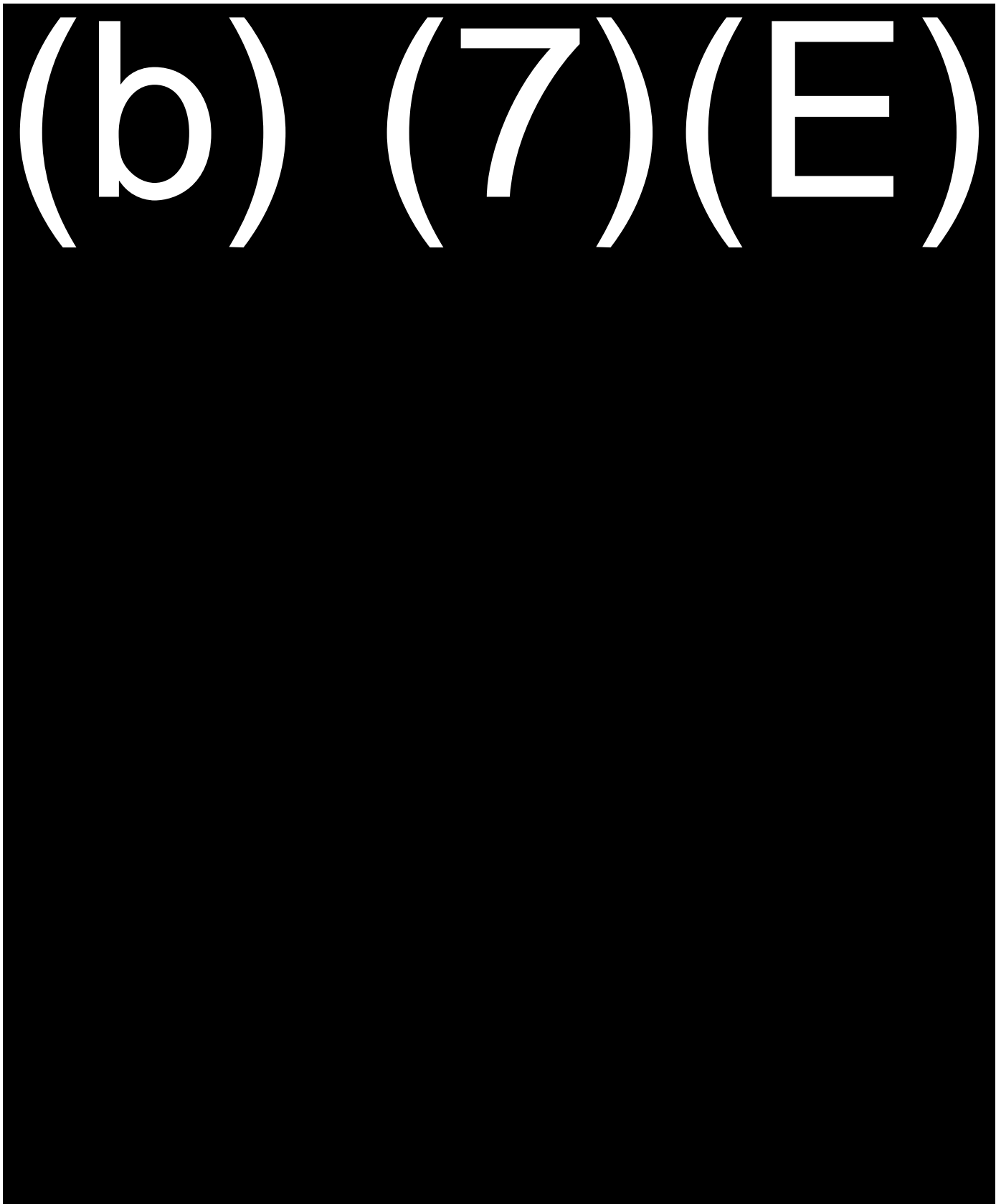
Mixing and preparation instructions and recommendations.
Storage and handling requirements and recommendations
Installation methods



1.3 DELIVERY, HANDLING, AND STORAGE

Materials shall be delivered, handled, stored, and protected to avoid compromising packages and contact with soil or contaminating material.





(b) (7) (E)

(b) (7) (E)

3.4 WASTE MANAGEMENT

Manage waste according to the Waste Management Plan and as follows. Minimize water used to wash mixing equipment. Use trigger operated spray nozzles for water hoses.

3.4.1 Separate and Recycle Waste

Place materials defined as hazardous or toxic waste in designated containers. Fold up metal banding, flatten, and place in designated area for recycling. Collect wood packing shims and pallets and place in designated area. Use leftover mixed mortar as directed where lower strength mortar meets the requirements for bulk fill. Separate masonry waste and place in designated area for use as structural fill. Separate selected masonry waste and excess for landscape uses, either whole or crushed as ground cover.

3.5 TEST REPORTS

(b) (7) (E)

--End of Section--

SECTION 05 05 23

(b) (7) (E)



(b) (7) (E)



(b) (7) (E)

1.4 SUBMITTALS

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(b) (7) (E)

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(b) (7) (E)

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(b) (7) (E)

-- End of Section --

SECTION 05 12 00

(b) (7) (E)

(b) (7) (E)

1.3 SUBMITTALS

Government approval is required for submittals with a "G" designation; submittals not having a "G" designation are for information only. When used, a designation following the "G" designation identifies the office that will review the submittal for the Government. Submit the following in accordance with Section 01 33 00 SUBMITTAL PROCEDURES:

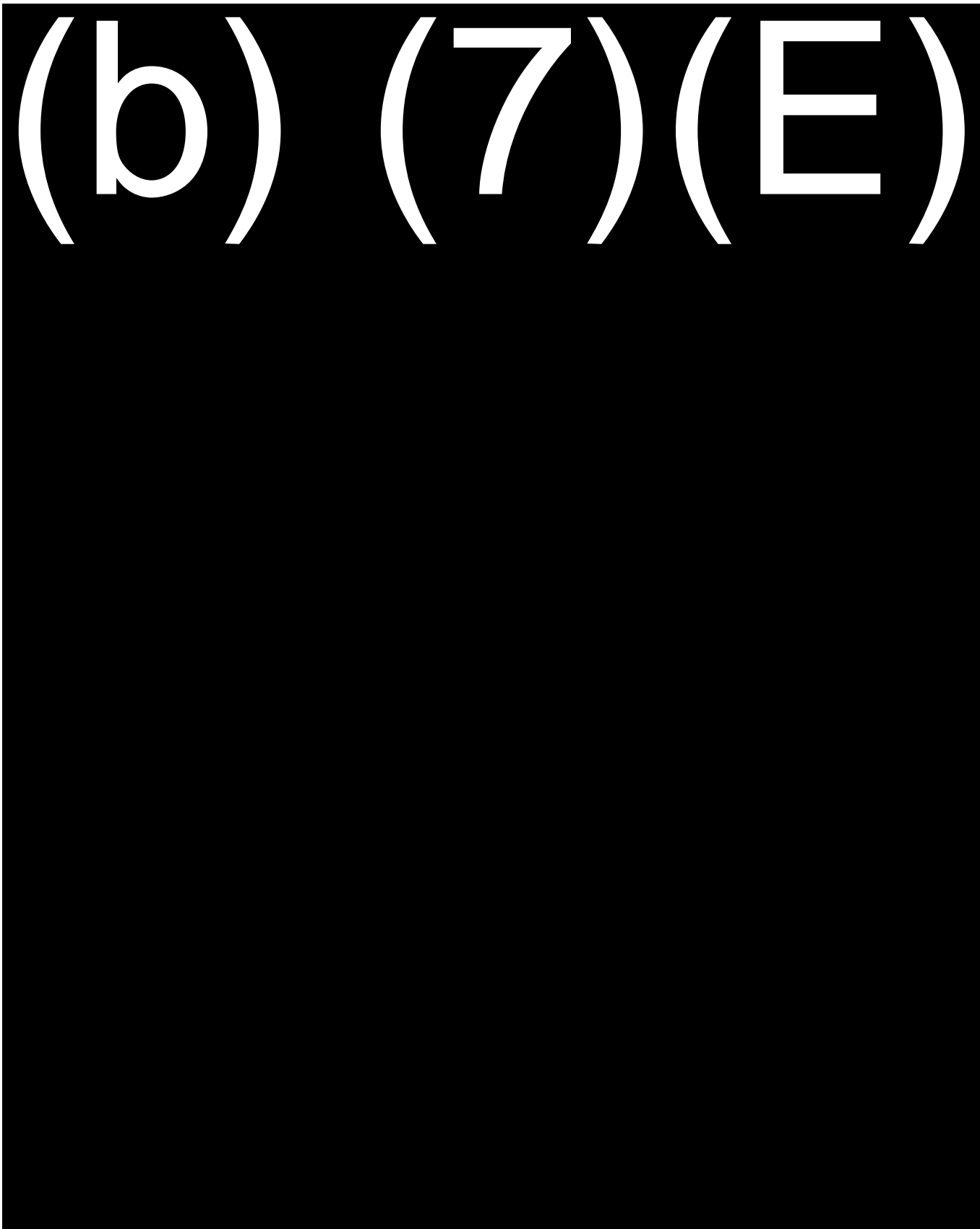
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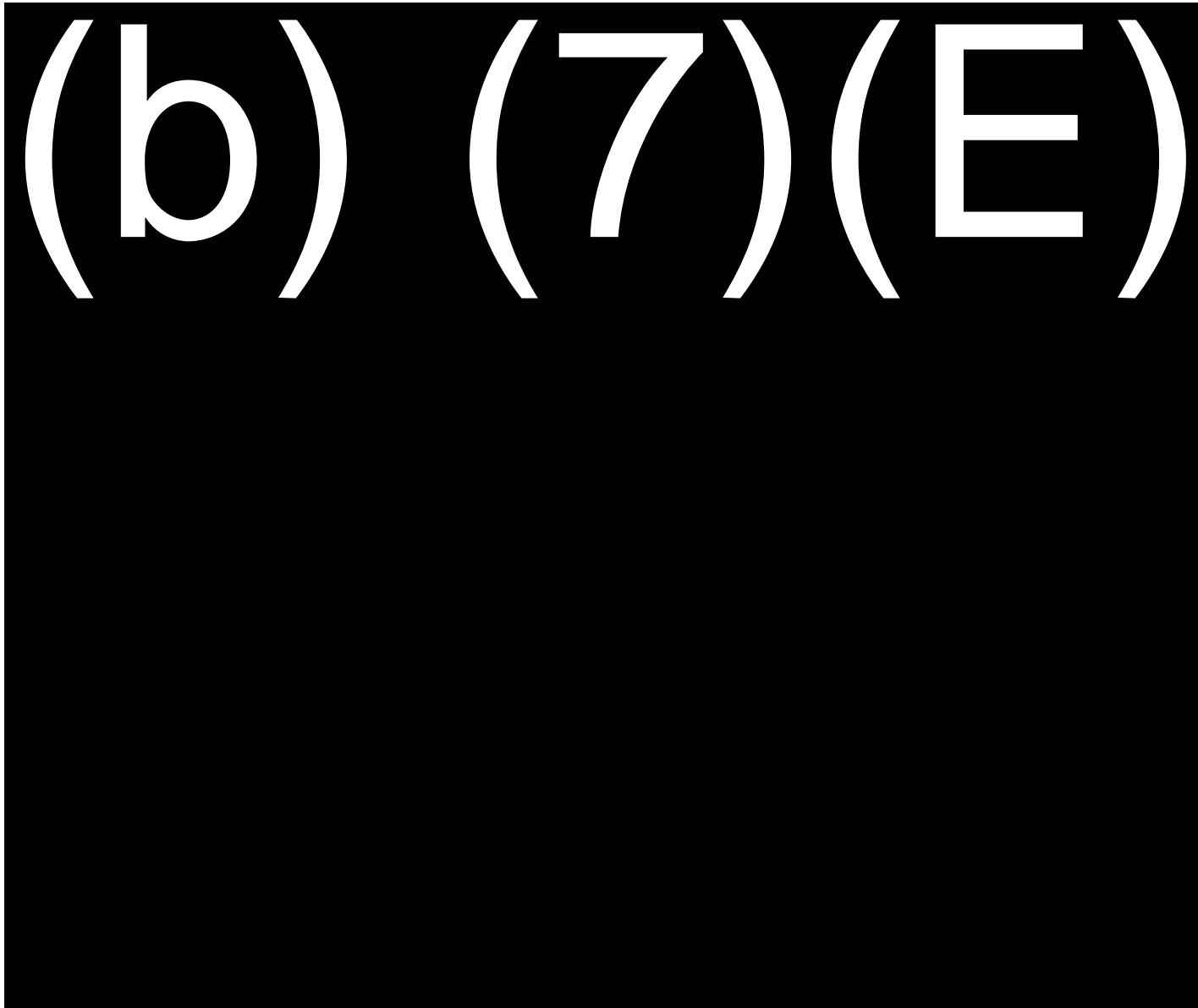


(b) (7) (E)

3.2.1 STORAGE

Material shall be stored out of contact with the ground in such manner and location as will minimize deterioration.

(b) (7) (E)



-- End of Section --

SECTION 32 31 00.00 10

(b) (7) (E)



(b) (7) (E)

1.3 SUBMITTALS

Government approval is required for submittals with a "G" designation; submittals not having a "G" designation are for information only. When used, a designation following the "G" designation identifies the office that will review the submittal for the Government. The following shall be submitted in accordance with Section 01 33 00 SUBMITTAL PROCEDURES:

(b) (7) (E)

(b) (7)(E)

1.4 DELIVERY, STORAGE, AND HANDLING

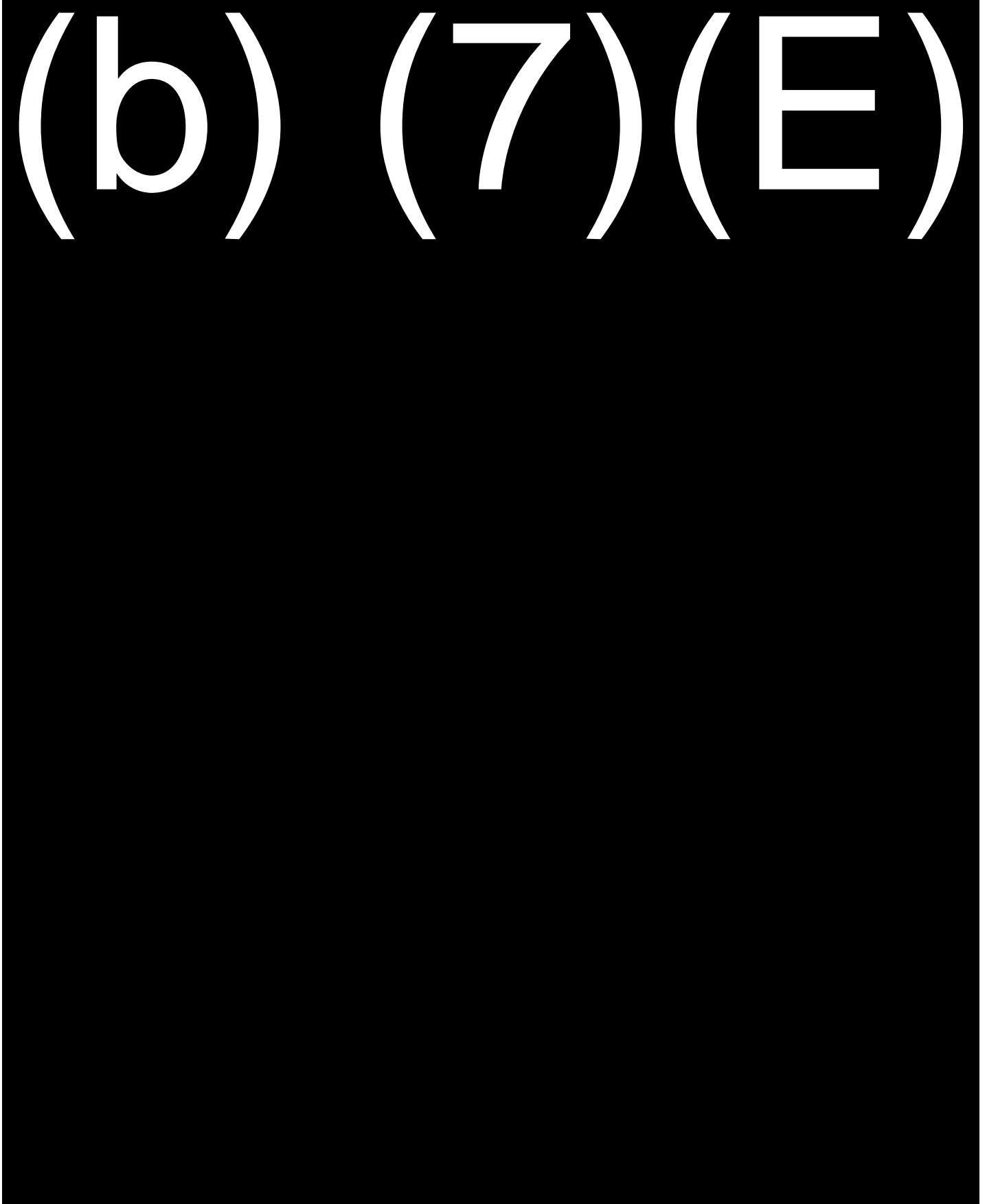
1.4.1 Delivery and Storage

Material delivered to site including structural steel shall be inspected for damage, unloaded, and stored with a minimum of handling. Material shall not be stored directly on the ground.

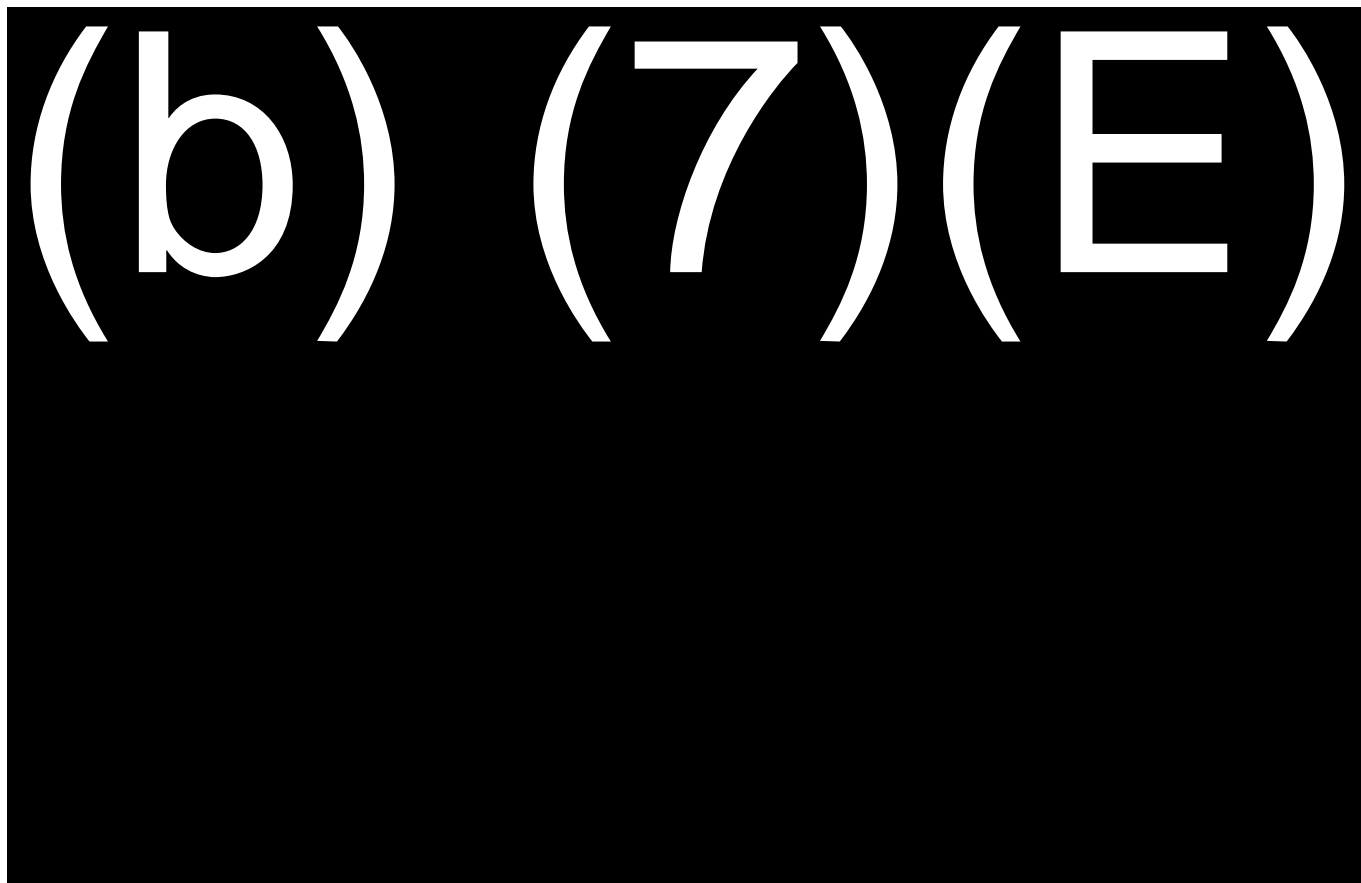
1.4.2 Handling

Material shall be handled in a manner that ensures installation in sound, undamaged condition. Material shall be carried to its final location, not dragged.

(b) (7)(E)



(b) (7) (E)



-- End of Section --

APPENDIX III

July 22, 2011
117066

Gates Repair and Maintenance Manual

for

Border Fence Drainage Improvements

Contract No. W9126G-07-D-0009, TO 0045



Prepared for

**Department of the Army
U.S. Army Corps of Engineers
Engineering and Construction Support Office
Fort Worth, TX**

Prepared by:



Michael Baker Jr., Inc.
Phoenix, Arizona

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3.0	GATE MAINTENANCE & OPERATION SKETCHES.....	3
4.0	SAFETY FEATURES	5
5.0	DISCLOSURE.....	6

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(b) (7) (E)

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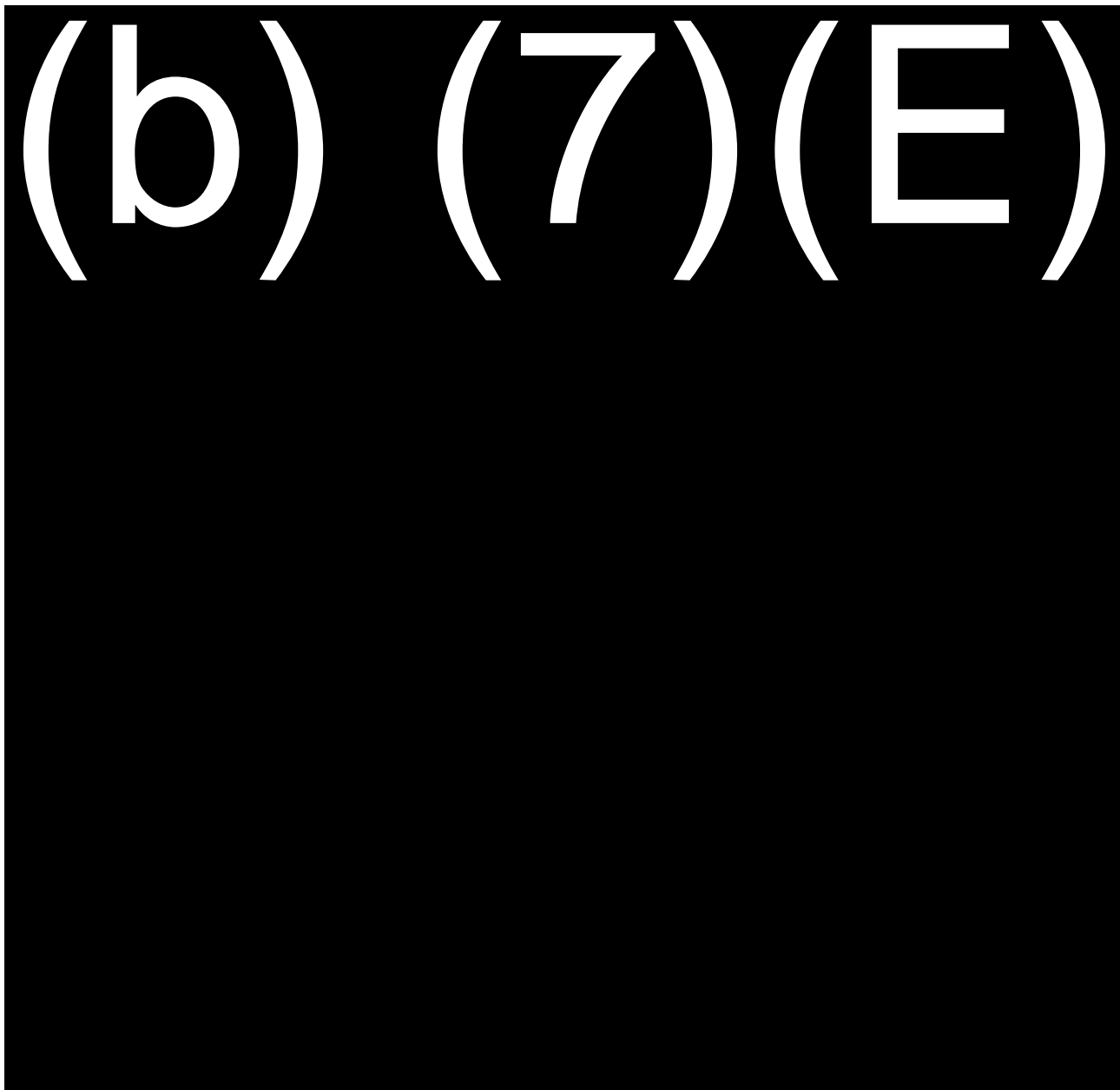


(b) (7) (E)



(b) (7) (E)







SUNDT

OPERATION & MAINTENANCE MANUAL

Design-Build Construction of
Primary Border Fence
Nogales, Arizona

USACE
W912BV-07-D-2023

December 30, 2008

(b) (7)(E)

(b) (7)(E)

(b) (7)(E)

**Appendix IV – CLIN Work Requirements Descriptions
Tucson Sector Fence M&R**

(CLIN 0001 thru 0005) Areas where landing mat panels were cut and bent for ingress/egress, the panel is to be reoriented to its original position and welded in place. If replacement material is required, it will match existing fence material. Overlap is acceptable.

(CLIN 0003, 0008, 0018, 0027, 0034, 0040, 0045 & 0049) A section of the Pedestrian Fence is from post to post, typically (b) (7)(E) with minor variations. A section of Post on Rail Vehicle Fence is typically (b) (7)(E) in length, with minor variations, and has up to (b) (7)(E). A section of Normandy style Vehicle Fence is up to (b) (7)(E) in length and has up to (b) (7)(E). A section of landing mat fence is from post to post, typically (b) (7)(E).

(CLIN 0009) Lifted Panel refers to wire mesh fence panels that have been cut along the bottom of the panel and lifted out of place. Contractor shall install (b) (7)(E) (b) (7)(E) prevent from being lifted out of place.

(CLIN 0021 & 0022) Fence Grate Repair/Replacement refers to the (b) (7)(E) typical in the bollard style fencing to allow for drainage.

(CLIN 0023, 0024, 0027, 0029, 0029, 0031, 0032, 0034, 0041, & 0042) When repairing concrete filled bollards & Vehicle Fence Post and Rails, the Contractor will ensure that there are no voids in the concrete fill. Concrete shall have a (b) (7)(E)

(CLIN 0026) Anti-Climb Plate Damage: Damage may include but is not limited to: cutting, bending, tearing, and twisting of plate(s).

(CLIN 0033, 0034, 0039, & 0040) Foundation Damage is defined as: realigning and stabilizing the post foundation or patching and realigning or replacing concrete trench foundation which has been damaged along the base. This may require ground compaction, additional support by placement of concrete, and may require supplying additional fill material. Any foundation repair or replacement shall conform to the original design, placement, and materials, or better. Placement of the material as noted in the CLIN per the direction of the COR and shall be compacted to a minimum density of 95% of a standard proctor test. Testing will only be required if requested by the COR.

(CLIN 0051) Burrowing is defined as: (b) (7)(E)

(b) (7)(E)

(CLIN 0052) Lock Box Repair: Damaged gate lock boxes and associated hardware will be repaired to original operating condition. Work may include straightening bent steel, replacing steel elements, cutting, welding, replacing Teflon slides, etc.

(CLIN 0053 and 0054) Gate Frame Repair: Repairs to gate framing will be done by straightening damaged framing member(s), or replacement if necessary, and performing any welding necessary to restore the gate to its original condition. Work may include straightening bent steel, replacing steel elements, cutting and welding.

(CLIN 0055) Gate Maintenance: See paragraph 1.7.2.

(CLIN 0056, 0057, 0059, & 0060) Repairs of barbed and smooth wire will be made by replacing with new wire from fence post to fence post, stretched tight, and securely fastened at each end.

(CLIN 0058) Flat Bar Repairs; Repair by replacing a horizontal flat bar. Each bar is (b) (7)(E) in length. These bars are configured in (b) (7)(E)

They allow the passing of storm run-off water through the fence unimpeded. (b) (7)(E)

(CLIN 0061 thru 0064) Replace/Reaffix Cable to/along fence. (b) (7)(E) diameter.

(CLIN 0065 thru 0070) Scour refers to areas adjacent to the fence foundation that have scoured out due to erosion or man-made excavations exceeding the limits allowed under general repair note (h.) for Burrowing. The Contractor shall not be responsible for scour that impacts the roadway adjacent to the fence. The COR reserves the right to direct the Contractor to perform repair of scour that extends (b) (7)(E) from fence foundation. Scour shall be repaired by placement of the material as noted in the CLIN per the direction of the COR and shall be compacted to a minimum density of 95% of a standard proctor test. Testing will only be required if requested by the COR.

(CLIN 0071) Payment for Mobilization/Demobilization: Compensation to the Contractor will be for a single round trip mobilization/demobilization of Contractor's personnel, equipment, supplies and incidentals for the performance of the work once per day per Border Patrol Station. Mobilization/Demobilization compensation will only be applicable for days that notifications for repairs are made. If the Contractor performs additional mobilization /demobilization of personnel, material and/or equipment at the Contracting Officers Representatives request, Compensation will be made at the unit price of CLIN 0071 for a day's Mobilization/Demobilization.

At anytime during the performance of the Task Order, the COR may prioritize the order in which needed repairs shall be completed.

CLIN	DESCRIPTION	Unit of Measure	Estimated Qty (1 month)	Estimated Unit Price	Total Cost (1 month)
0001	Primary Pedestrian Landing Mat Less than 5 SF	EA	(b) (5)	(5)	
0002	Primary Pedestrian Landing Mat 5 SF to 20 SF	EA			
0003	Primary Pedestrian Landing Mat 20 SF to Section Replacement	EA			
0004	Primary Pedestrian Landing Mat Reweld Landing Mat Panel	EA			
0005	Primary Pedestrian Landing Mat Repair Fence/Cap Extensions	EA			
0006	Primary and Secondary Pedestrian Wire Mesh Less than 5 SF	EA			
0007	Primary and Secondary Pedestrian Wire Mesh 5 SF to 20 SF	EA			
0008	Primary and Secondary Pedestrian Wire Mesh 20 SF to Section Replacement	EA			
0009	Primary and Secondary Pedestrian Wire Mesh Lifted Panel	EA			
0010	Primary Pedestrian Pickett Partial Cut Slat	EA			
0011	Primary Pedestrian Pickett Severed Slat (1-2)	EA			
0012	Primary Pedestrian Pickett Severed Slat (3-4)	EA			
0013	Primary Pedestrian Pickett Severed Rail	EA			
0014	Primary Pedestrian Pickett Severed Post	EA			
0015	Primary Pedestrian Pickett Bent/Spread Slat	EA			
0016	Primary Pedestrian Bollard w/ Extention Less than 5 SF	EA			
0017	Primary Pedestrian Bollard w/ Extention 5 SF to 20 SF	EA			
0018	Primary Pedestrian Bollard w/ Extention 20 SF to Section Replacement	EA			
0019	Primary Pedestrian Bollard w/ Extention Severed Bollard	EA			
0020	Primary Pedestrian Bollard w/ Extention Partial Cut	EA			
0021	Primary Pedestrian Bollard w/ Extention Gate Repair	EA			
0022	Primary Pedestrian Bollard w/ Extention Gate Replacement	EA			
0023	Primary Pedestrian Bollard (Concrete Filled) Severed Bollard	EA			
0024	Primary Pedestrian Bollard (Concrete Filled) Partial Cut	EA			
0025	Primary Pedestrian Bollard (Concrete Filled) Spread Bollards	EA			
0026	Primary Pedestrian Bollard (Concrete Filled) Anti-Climb Plate Damage	EA			
0027	Primary Pedestrian Bollard (Concrete Filled) Full Section Replacement	EA			
0028	Vehicle Fence Post and Rail (Concrete Filled Post) Severed Post (1)	EA			
0029	Vehicle Fence Post and Rail (Concrete Filled Post) Severed Post (2 to 3)	EA			
0030	Vehicle Fence Post and Rail (Concrete Filled Post) Severed Rail	EA			
0031	Vehicle Fence Post and Rail (Concrete Filled Post) Severed Post and Rail	EA			
0032	Vehicle Fence Post and Rail (Concrete Filled Post) Severed Post and and Broken Welds on Wire Mesh Panel	EA			
0033	Vehicle Fence Post and Rail (Concrete Filled Post) Foundation Damage	EA			
0034	Vehicle Fence Post and Rail (Concrete Filled Post) Foundation and Section Replacement	EA			
0035	Vehicle Fence Post and Rail (Concrete Filled Post) Severed Post (1)	EA			
0036	Vehicle Fence Post and Rail (Non-Concrete Filled Post) Severed Post (2 to 3)	EA			

0037	Vehicle Fence Post and Rail (Non-Concrete Filled Post) Severed Rail	EA
0038	Vehicle Fence Post and Rail (Non-Concrete Filled Post) Severed Post and Rail	EA
0039	Vehicle Fence Post and Rail (Non-Concrete Filled Post) Severed Post and Rail	EA
0040	Vehicle Fence Post and Rail (Non-Concrete Filled Post) Foundation Section Replacement	EA
0041	Vehicle Fence Bollard (Concrete Filled) Severed Bollard	EA
0042	Vehicle Fence Bollard (Concrete Filled) Partial Cut	EA
0043	Vehicle Fence Normandy Partial Cut (1)	EA
0044	Vehicle Fence Normandy Partial Cuts (2-3)	EA
0045	Vehicle Fence Normandy Section Replacement	EA
0046	Vehicle Fence Normandy Realign 1 Section	EA
0047	Vehicle Fence Normandy Partial Cut (1)	EA
0048	Vehicle Fence Normandy Partial Cuts (2-3)	EA
0049	Vehicle Fence Normandy Section Replacement	EA
0050	Vehicle Fence Normandy Realign 1 Section	EA
0051	Burrowing	EA
0052	Pedestrian Fence Gates Lock Box Repair	EA
0053	Pedestrian Fence Gates Adjustment to Gate Framing	EA
0054	Pedestrian Fence Gates Repair of Gate Framing	EA
0055	Pedestrian Fence Gates Periodic Maintenance (Per Month)	Month
0056	Barbed Wire Repair 0-5- LF	EA
0057	Barbed Wire Repair 50 - 100 LF	EA
0058	Horizontal Flat Bar 2.5" X 2'	EA
0059	Smooth Wire Repair 0-100 LF	EA
0060	Smooth Wire Repair 101-500 LF	EA
0061	Replace Cable along Fence 0-100 LF	EA
0062	Replace Cable along Fence 101-150 LF	EA
0063	Replace Cable along Fence 151-200 LF	EA
0064	Reaffix Cable to Fence	EA
0065	Scour: Soil 0-10 Cubic Yards	EA
0066	Scour: Soil 11-20 Cubic Yards	EA
0067	Scour: Soil 21-50 Cubic Yards	EA
0068	Scour: Aggregate 0-10 Cubic Yards	EA
0069	Scour: Aggregate 11-20 Cubic Yards	EA
0070	Scour: Aggregate 21-50 Cubic Yards	EA
0071	Mobilization/Demobilization	EA
0072	Bond Premium	LS



\$ 128,993.33

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Quote HSBP1013Q3302 Tucson Fence Repair
Date: Wednesday, December 26, 2012 12:36:08 PM

(b) (6), (b) (7)(C)

Based on our conversation and the data presented, (b) (5)

Please get PR ready for approval..

(b) (6), (b) (7)(C), CBM, PMP
Division Director, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)
Sent: Wednesday, December 26, 2012 12:34 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: FW: Quote HSBP1013Q3302 Tucson Fence Repair

(b) (6), (b) (7)(C)

Request your concurrence with my recommendation (b)(3), (b) (5) as discussed below. Thanks!

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), PE, PMP
Program Manager
LMI
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
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From: (b) (6), (b) (7)(C)
Sent: Wednesday, December 26, 2012 8:40 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: FW: Quote HSBP1013Q3302 Tucson Fence Repair

(b) (6), (b) (7)(C)

Attached is a comparison of the proposals provided by both contractors. (b)(3), (b) (5)
for 45 days of fencing M&R for

Tucson Sector starting on 25 January, 2013. Payments will be made based on actual quantities of work performed, in accordance with the pricing schedule, and not on a lump sum basis.

(b)(3), (b) (5)

please let me know and I'll let you know my concerns.

Please let us know if you need anything additional.

(b) (6), (b) (7)

(b) (6), (b) (7)(C), PE, PMP

Program Manager

LMI

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)

Sent: Monday, December 24, 2012 11:53 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: FW: Quote HSBP1013Q3302 Tucson Fence Repair

(b) (6), (b) (7)

Please find attached the bid for the Tucson Fence Project for your review.

Thanks (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Contracting Officer

US Customs and Border Protection/DHS

Facilities, Financial & Acquisition & Procurement Contracting Branch

Phone: (b) (6), (b) (7)(C)

Fax: (b) (6), (b) (7)(C)

Blackberry: (b) (6), (b) (7)(C)

From: (b) (6)

Sent: Monday, December 24, 2012 10:19 AM

To: (b) (6), (b) (7)(C)

Subject: Quote HSBP1013Q3302 Tucson Fence Repair

(b) (6), (b) (7)(C)

As per your request please see attached pricing schedule for the Tucson Fence Repair project.

If you required additional information please let me know. Hope you have a wonderful holiday season.

Merry Christmas,

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Wednesday, December 19, 2012 9:39 AM
To: (b) (6), (b) (7)(C)
Subject: U.S. Customs and Border Protection Request for Quote HSBP1013Q3302 Tucson Fence Repair
Importance: High

Good morning,

Please review the attached Statement of Work and included attachments. Please provide your response and bid information in the attached excel spreadsheet.

The awardee will be required to get clearance through the Tribal Employment Rights Office of the Tohono O'odham Nation (TON).

Disclosure of Magnitude: In accordance with FAR 36.204 the magnitude is between \$25,000 and \$100,000.

Contract Type: Firm Fixed Price Purchase Order

Please provide a response by email no later than Monday, December 24, 2012 at 12pm EST.

Please provide email concurrence that you are in receipt of this request.

Thanks,

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Contracting Officer

US Customs and Border Protection/DHS

Facilities, Financial & Acquisition & Procurement Contracting Branch

Phone: (b) (6), (b) (7)(C)

Fax: (b) (6), (b) (7)(C)

Blackberry: (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: FW: Funds Request, TCA Fence M&R, Gap Filler
Date: Tuesday, November 27, 2012 7:18:00 PM
Attachments: [T1 Funds Request - Border Fence M&R, Tucson Sector 11-26-2012.doc](#)
[Appendices - TCA Fence M&R 11-26-2012.pdf](#)
[Appendix IV - Tucson Fence M&R 11-26-2012.doc](#)
[IGCE TCA Fence 11-25-2012.xls](#)

Hi (b) (6), (b) (7)(C)

Just want to clarify. (b) (5)

Thank you!



(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Tuesday, November 27, 2012 2:13 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Funds Request, TCA Fence M&R, Gap Filler

I changed the subject line to reflect the correct Sector for this action – Tucson. Please ignore the last one.

(b) (6), (b) (7)(C), PE, PMP

Program Manager

LMI

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
Sent: Tuesday, November 27, 2012 5:11 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Funds Request, EPT Fence M&R, Gap Filler

(b) (6), (b) (7)(C),

Attached is a funds request for (b) (5) and the procurement package for this requirement. The existing USACE contract runs out on 24 January 2013 and we're working with CBP contracting to get an urgent replacement contract. Thanks for the help.

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), PE, PMP

Program Manager

LMI

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

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Border Patrol's proud legacy"*

Tactical Infrastructure Funds Request

Completed by Division Staff / Project Management	
Complete and submit the Funds Request (FR) form to the Financial Officer for review, revision, and/or approval. Please include the Statement of Work (SOW) and/or Statement of Objectives (SOO); Independent Government Cost Estimate (IGCE), USACE Funds Management Form, and/or Cost Estimation Form (CE); and Approved Change Request (CR) and/or Project Requirement Document (PRD).	
Date:	November 26, 2012
Subject Matter:	BORDER FENCE MAINTENANCE AND REPAIR, TUCSON SECTOR BORDER PATROL
Originator Information: (Name, Title, Phone Number)	(b) (6), (b) (7)(C) PM/COR Tucson Sector DHS/CBP FM&E BPFTI-Tactical Infrastructure Cell: (b) (6), (b) (7)(C) Email: (b) (6), (b) (7)(C)
Funds Request Amount:	\$129,000.00
Contract Type: (RWA or Procurement)	Firm Fixed
Summary (Provide a brief description of what the funds are being used for): To provide border fence maintenance and repair support along Tactical Infrastructure in Arizona (Tucson Sector). Request funding to allow award of a short term contract. The current contract thru ECSO expires on 24 January 2013, and a new contract is not expected to be awarded until late January. This is a critical requirement that needs to be executed ASAP so a contractor can be fully mobilized by 24 January to prevent a CRITICAL gap in mission essential service for the Tucson Sector. The funds identified are based on competitive pricing on USACE MATOCs.	
Completed by Financial Officer	
Funds Availability	
Amount:	
Fund:	
Fund Center:	
Functional Area:	
Object Class Distribution:	
Z-Code/Order:	
PR#	
Date Entered into SAP	
Required Approvals	
TI Division Director:	Name Date

Financial Management Branch Chief:	Name Date
------------------------------------	--------------------------------

APPENDIX I

(b) (7)(E)

(b) (7)(E)

(b) (7)(E)

(b) (7)(E)

(b) (7)(E)

(b) (7)(E)

(b) (7)(E)

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(b) (7)(E)

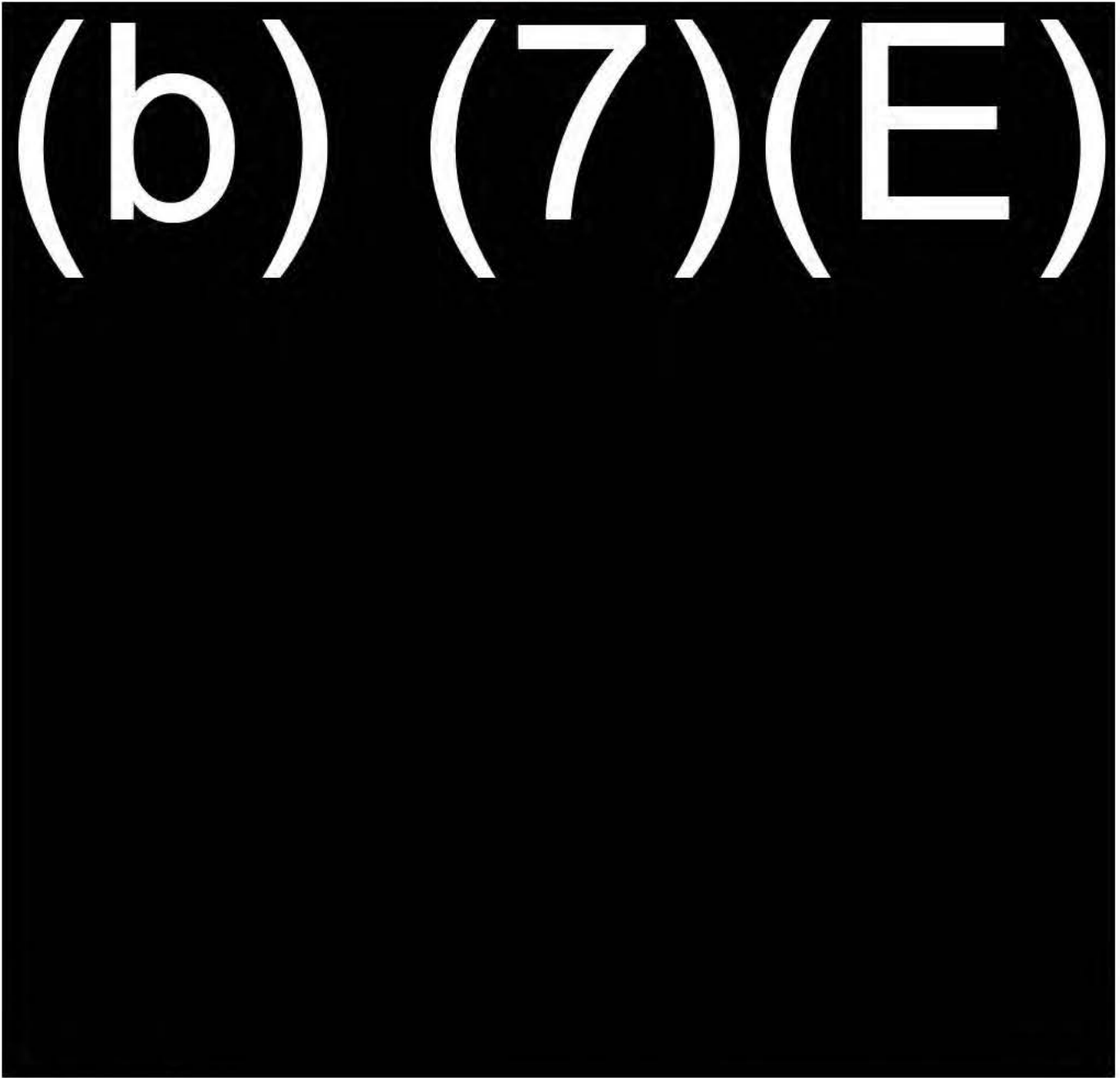
(b) (7)(E)

(b) (7)(E)

(b) (7)(E)

APPENDIX II

SECTION 03 20 01.00 10



1.2 SUBMITTALS

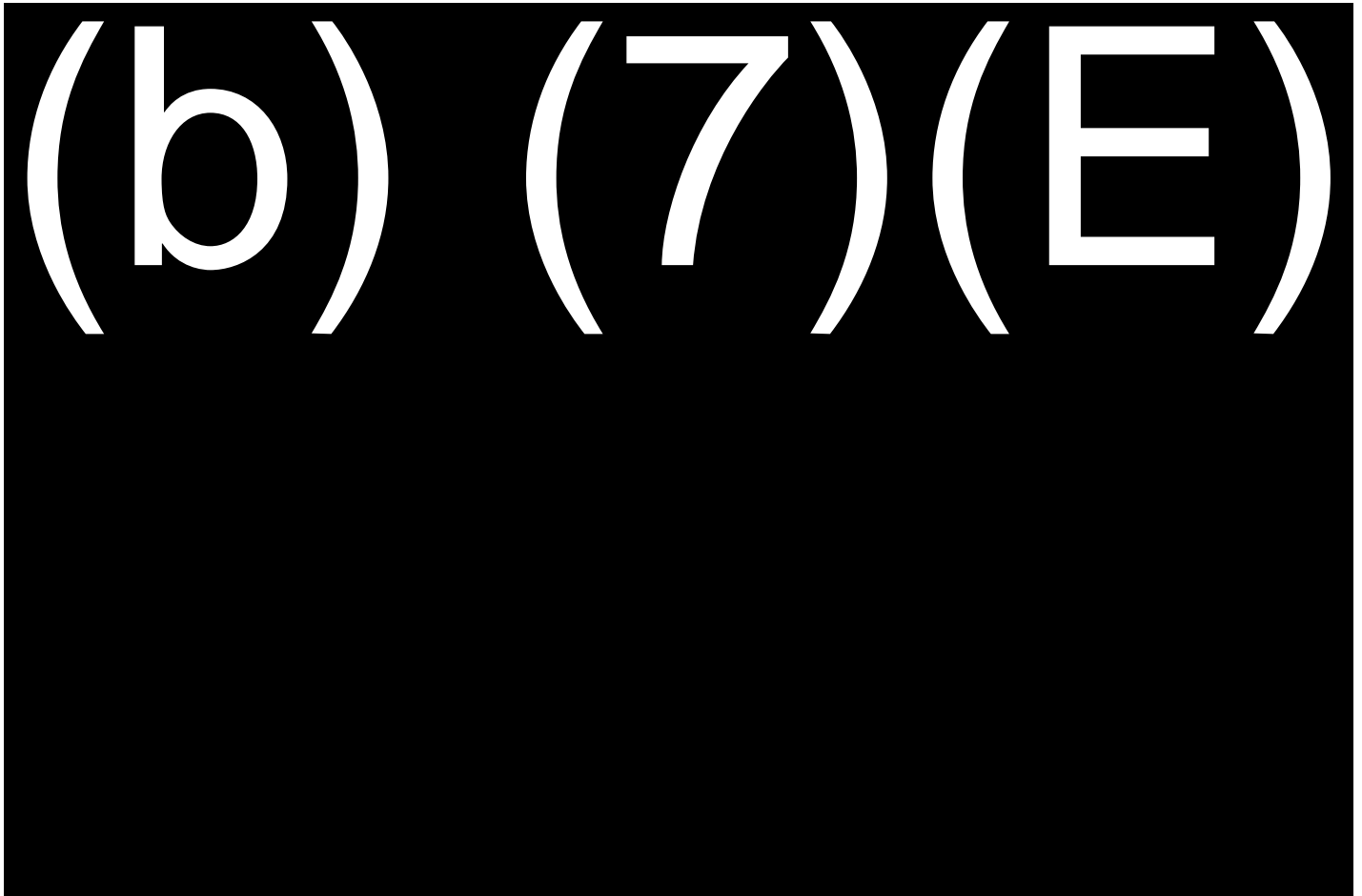
Government approval is required for submittals with a "G" designation; submittals not having a "G" designation are for information only. When used, a designation following the "G" designation identifies the office that will review the submittal for the Government. Submit the following in accordance with Section 01 33 00 SUBMITTAL PROCEDURES:





1.4 DELIVERY, STORAGE, AND HANDLING

Reinforcement and accessories shall be stored off the ground on platforms, skids, or other supports.



(b) (7) (E)

-- End of Section --

SECTION 03 30 00.00 40

(b) (7) (E)

(b) (7) (E)



(b) (7) (E)



1.2 SUBMITTALS

Government approval is required for submittals with a "G" designation; submittals not having a "G" designation are for information only. When used, a designation following the "G" designation identifies the office that will review the submittal for the Government. Submit the following in accordance with Section 01 33 00 SUBMITTAL PROCEDURES:

SD-01 Preconstruction Submittals

Construction Equipment Lists shall be submitted by the Contractor prior to construction in accordance with the paragraph entitled, "General Information," of this section.

(b) (7) (E)



(b) (7) (E)

SD-08 Manufacturer's Instructions

Installation instructions shall indicate the manufacturer's recommended method and sequence of installation for the following items:

- Admixtures
- Bonding Materials

SD-11 Closeout Submittals

Records of Communication shall be submitted in accordance with paragraph entitled, "General Information," of this section.

(b) (7) (E)

(b) (7) (E)

1.7 DELIVERY AND STORAGE OF MATERIALS

Packaged materials shall be delivered to the project site in their original, unopened package or container bearing label clearly identifying manufacturer's name, brand name, material, weight or volume, and other pertinent information. Packaged materials shall be stored in their original, unbroken package or container in a weathertight and dry place until ready for use in the work.

Unpackaged aggregates shall be stored to avoid excessive segregation, contamination with other materials or other size aggregates, or freezing.

Reinforcement and other metal items shall be protected from corrosion and shall be kept free from ice, grease, and other coatings that would destroy or reduce bond.

1.8 GENERAL INFORMATION

Construction Equipment Lists of major components used during this phase of work shall be submitted prior to construction.

Letters of record expressing Communication between the Contractor and Contracting Officer shall be provided after the contract completion.

(b) (7) (E)

(b) (7) (E)



(b) (7) (E)

(b) (7) (E)



(b) (7) (E)

(b) (7) (E)

(b) (7) (E)



(b) (7) (E)



(b) (7) (E)

(b) (7) (E)



(b) (7) (E)

(b) (7) (E)



(b) (7) (E)

-- End of Section --

SECTION 03 60 00

(b) (7) (E)

1.2 SUBMITTALS

Government approval is required for submittals with a "G" designation; submittals not having a "G" designation are for information only. When used, a designation following the "G" designation identifies the office that will review the submittal for the Government. Submit the following in accordance with Section 01 33 00 SUBMITTAL PROCEDURES:

SD-03 Product Data

Cold Weather Installation

Cold weather construction procedures.

Manufacturer's data sheets on each product to be used; G

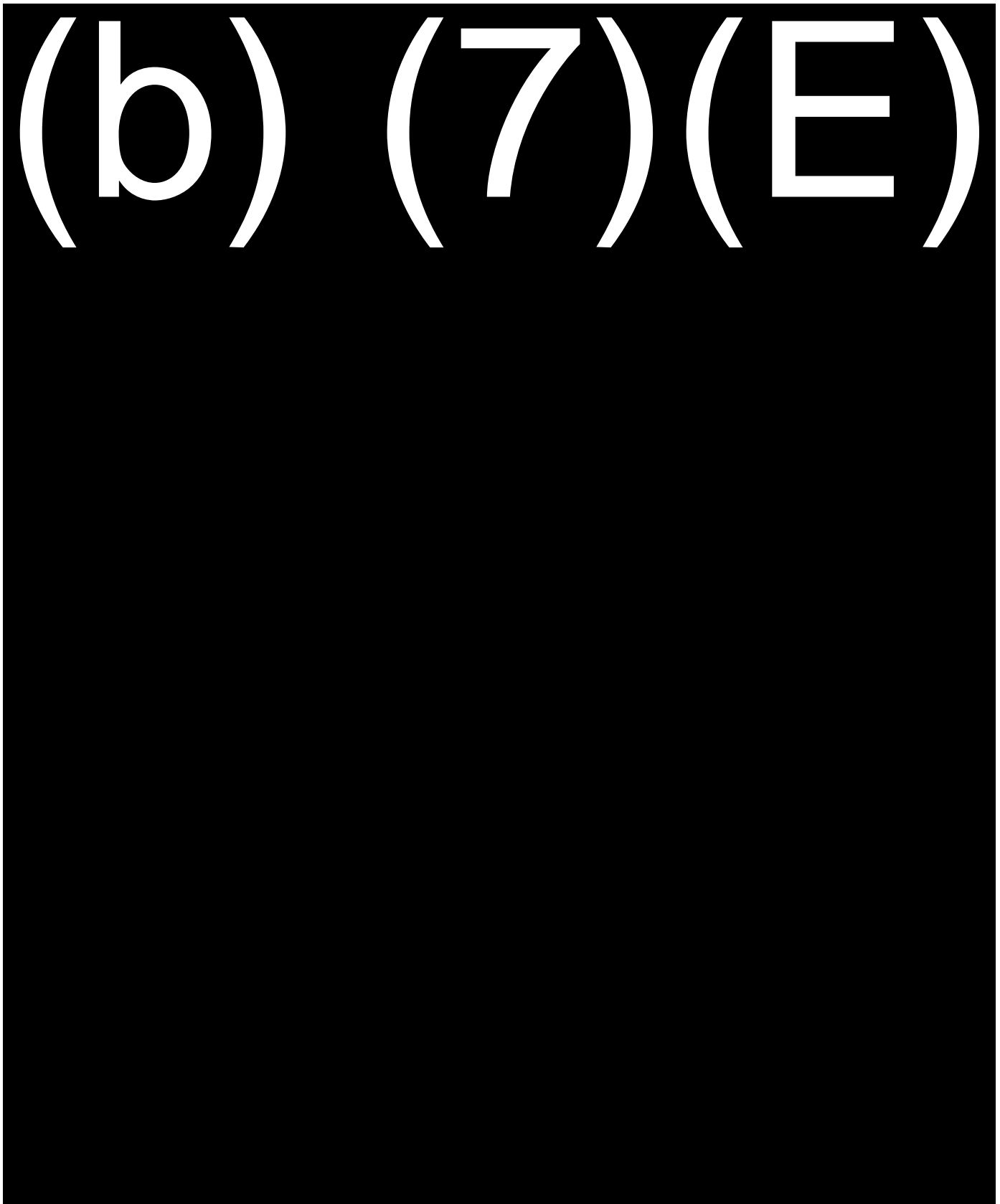
Mixing and preparation instructions and recommendations.
Storage and handling requirements and recommendations
Installation methods



1.3 DELIVERY, HANDLING, AND STORAGE

Materials shall be delivered, handled, stored, and protected to avoid compromising packages and contact with soil or contaminating material.





(b) (7) (E)

(b) (7) (E)

3.4 WASTE MANAGEMENT

Manage waste according to the Waste Management Plan and as follows. Minimize water used to wash mixing equipment. Use trigger operated spray nozzles for water hoses.

3.4.1 Separate and Recycle Waste

Place materials defined as hazardous or toxic waste in designated containers. Fold up metal banding, flatten, and place in designated area for recycling. Collect wood packing shims and pallets and place in designated area. Use leftover mixed mortar as directed where lower strength mortar meets the requirements for bulk fill. Separate masonry waste and place in designated area for use as structural fill. Separate selected masonry waste and excess for landscape uses, either whole or crushed as ground cover.

3.5 TEST REPORTS

(b) (7) (E)

--End of Section--

SECTION 05 05 23

(b) (7) (E)



(b) (7) (E)



(b) (7) (E)

1.4 SUBMITTALS

Government approval is required for submittals with a "G" designation; submittals not having a "G" designation are for information only. When used, a designation following the "G" designation identifies the office that will review the submittal for the Government. Submit the following in accordance with Section 01 33 00 SUBMITTAL PROCEDURES:

(b) (7) (E)

(b) (7) (E)



(b) (7) (E)

(b) (7) (E)



(b) (7) (E)

-- End of Section --

SECTION 05 12 00

(b) (7) (E)



(b) (7) (E)

1.3 SUBMITTALS

Government approval is required for submittals with a "G" designation; submittals not having a "G" designation are for information only. When used, a designation following the "G" designation identifies the office that will review the submittal for the Government. Submit the following in accordance with Section 01 33 00 SUBMITTAL PROCEDURES:

(b) (7) (E)

(b) (7) (E)



(b) (7) (E)

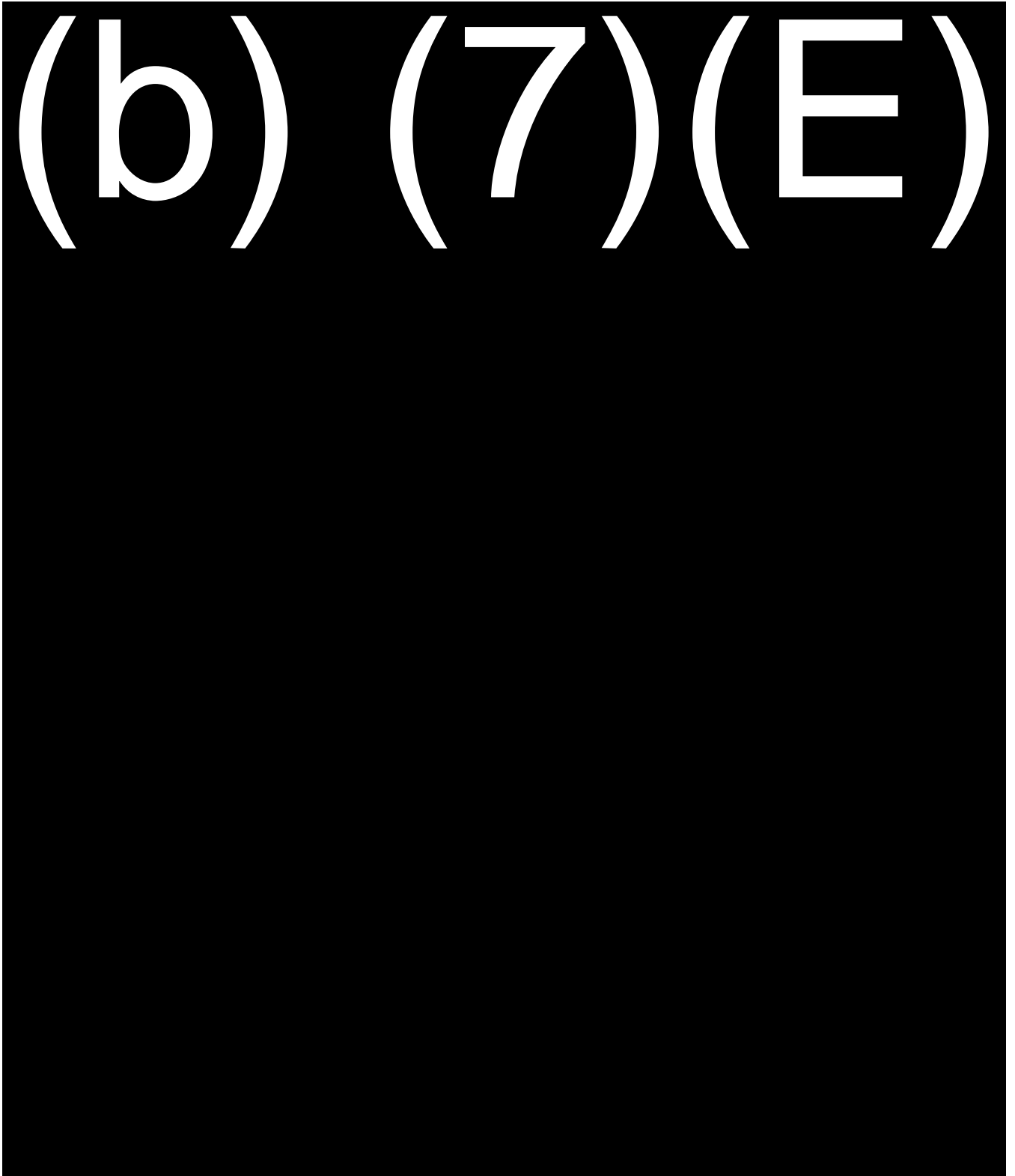


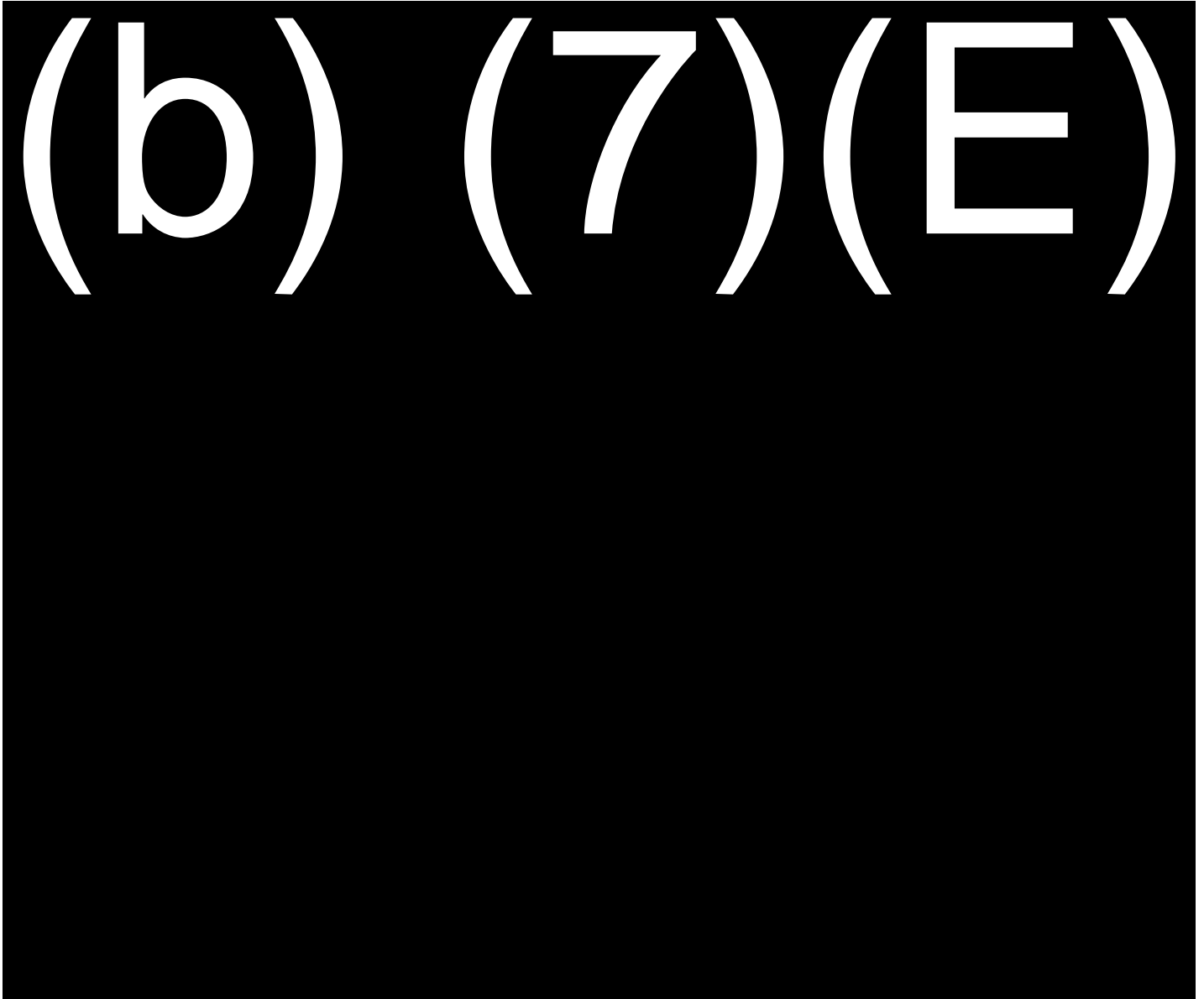
(b) (7) (E)



3.2.1 STORAGE

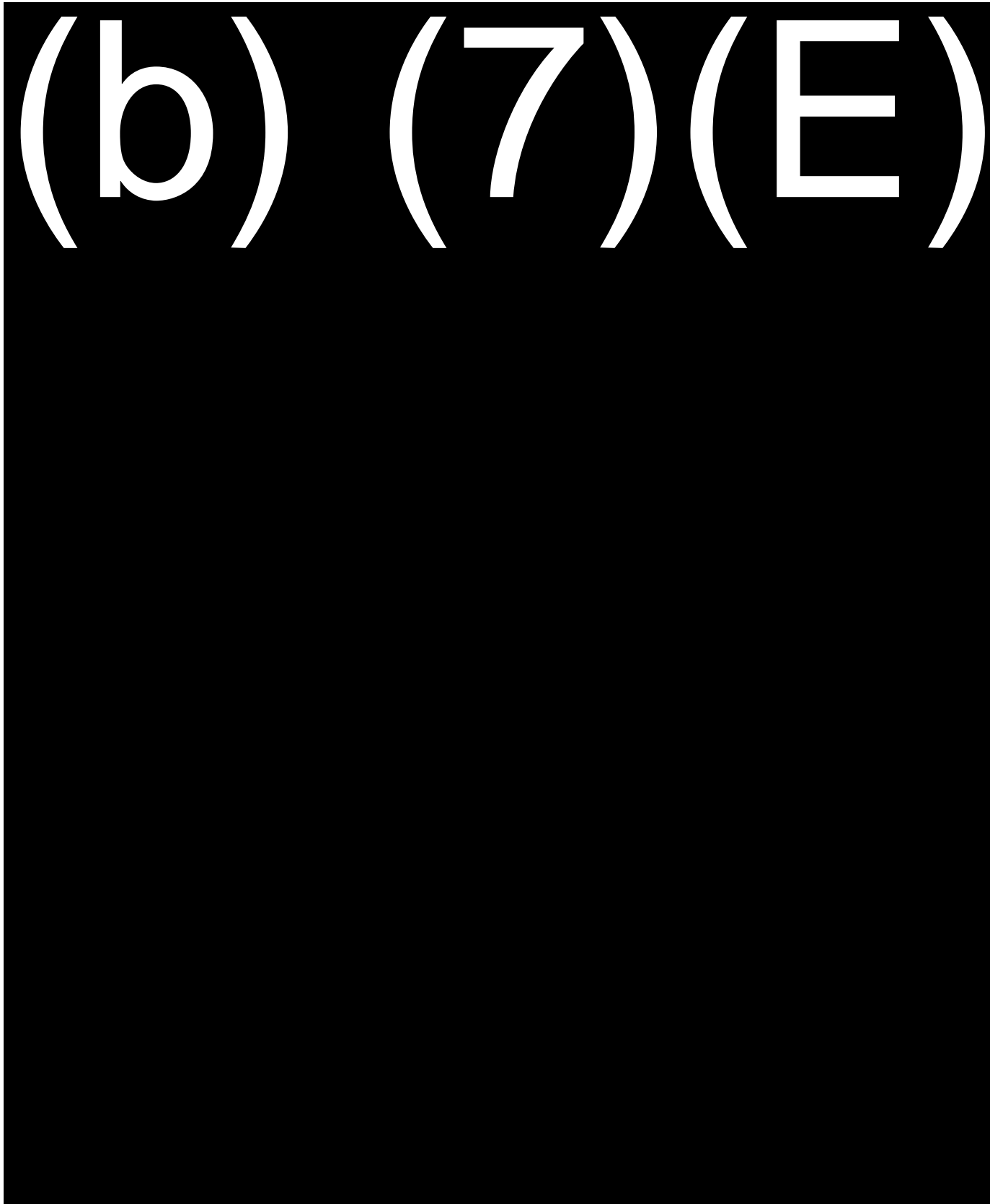
Material shall be stored out of contact with the ground in such manner and location as will minimize deterioration.





-- End of Section --

SECTION 32 31 00.00 10



(b) (7) (E)

(b) (7) (E)

1.3 SUBMITTALS

Government approval is required for submittals with a "G" designation; submittals not having a "G" designation are for information only. When used, a designation following the "G" designation identifies the office that will review the submittal for the Government. The following shall be submitted in accordance with Section 01 33 00 SUBMITTAL PROCEDURES:

(b) (7) (E)

(b) (7)(E)

1.4 DELIVERY, STORAGE, AND HANDLING

1.4.1 Delivery and Storage

Material delivered to site including structural steel shall be inspected for damage, unloaded, and stored with a minimum of handling. Material shall not be stored directly on the ground.

1.4.2 Handling

Material shall be handled in a manner that ensures installation in sound, undamaged condition. Material shall be carried to its final location, not dragged.

(b) (7)(E)

(b) (7) (E)



(b) (7) (E)

-- End of Section --

APPENDIX III

July 22, 2011
117066

Gates Repair and Maintenance Manual

for

Border Fence Drainage Improvements

Contract No. W9126G-07-D-0009, TO 0045



Prepared for

**Department of the Army
U.S. Army Corps of Engineers
Engineering and Construction Support Office
Fort Worth, TX**

Prepared by:



Michael Baker Jr., Inc.
Phoenix, Arizona

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4.0	SAFETY FEATURES	5
5.0	DISCLOSURE.....	6

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(b) (7) (E)

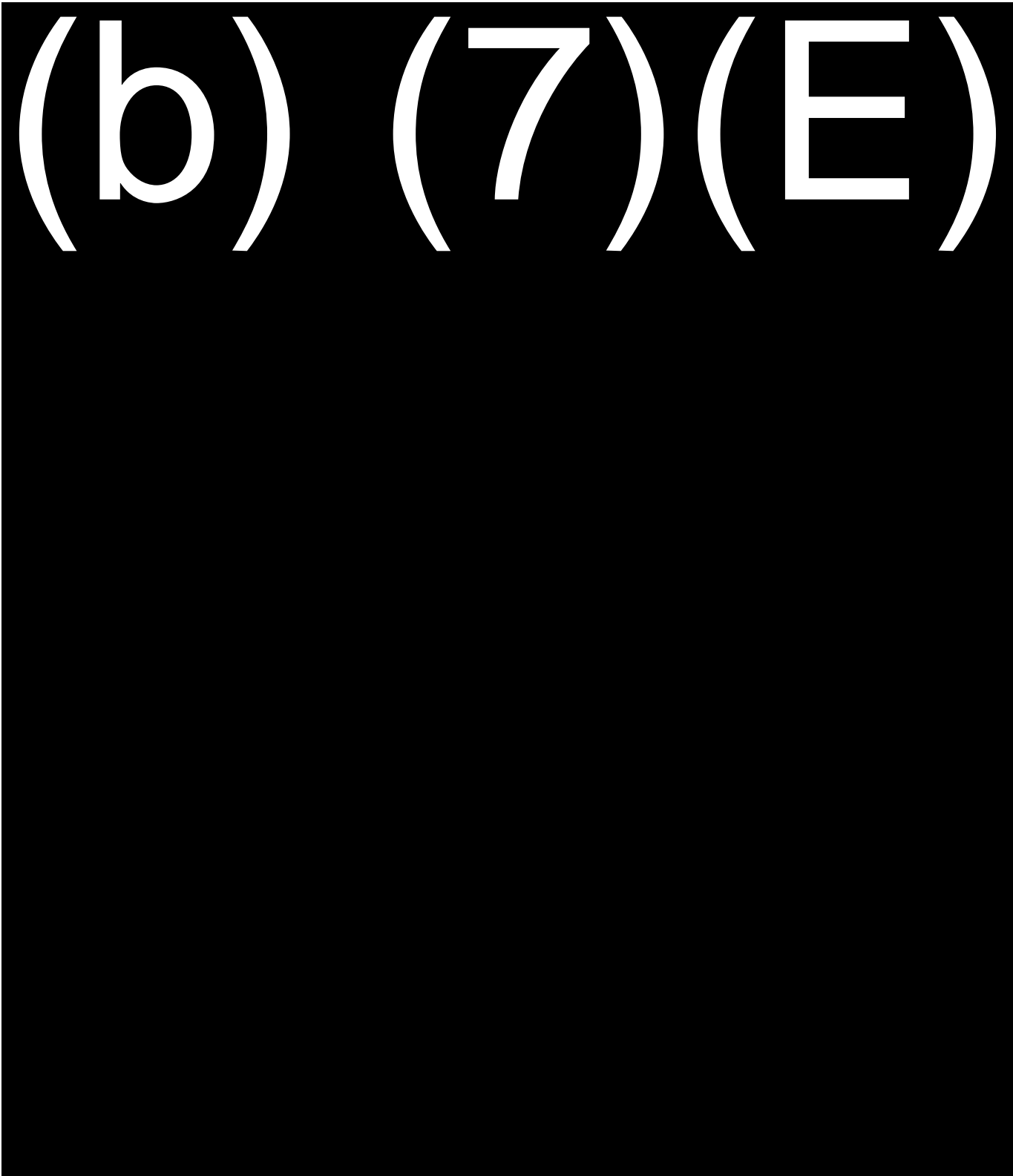


(b) (7) (E)



(b) (7) (E)

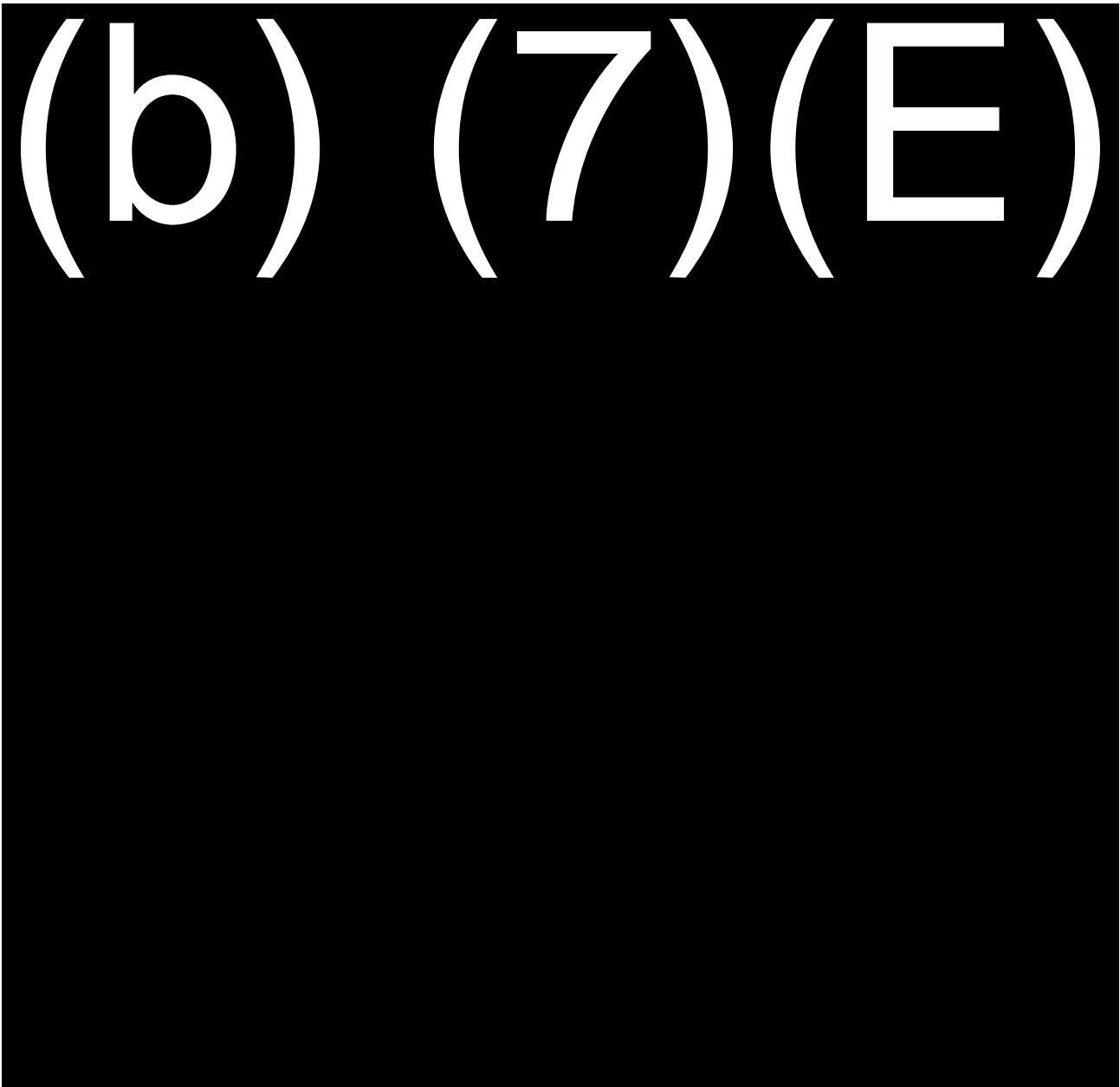
(b) (7) (E)



(b) (7) (E)



(b) (7) (E)





SUNDT

OPERATION & MAINTENANCE MANUAL

Design-Build Construction of
Primary Border Fence
Nogales, Arizona

USACE
W912BV-07-D-2023

December 30, 2008

(b) (7)(E)

(b) (7)(E)

(b) (7)(E)

**Appendix IV – CLIN Work Requirements Descriptions
Tucson Sector Fence M&R**

(CLIN 0001 thru 0005) Areas where landing mat panels were cut and bent for ingress/egress, the panel is to be reoriented to its original position and welded in place. If replacement material is required, it will match existing fence material. Overlap is acceptable.

(CLIN 0003, 0008, 0018, 0027, 0034, 0040, 0045 & 0049) A section of the Pedestrian Fence is from post to post, typically (b) (7)(E) with minor variations. A section of Post on Rail Vehicle Fence is typically (b) (7)(E) in length, with minor variations, and has up to (b) (7)(E). A section of Normandy style Vehicle Fence is up to (b) (7)(E) in length and has up to (b) (7)(E). A section of landing mat fence is from post to post, typically (b) (7)(E).

(CLIN 0009) Lifted Panel refers to wire mesh fence panels that have been cut along the bottom of the panel and lifted out of place. Contractor shall install (b) (7)(E) (b) (7)(E) prevent from being lifted out of place.

(CLIN 0021 & 0022) Fence Grate Repair/Replacement refers to the (b) (7)(E) typical in the bollard style fencing to allow for drainage.

(CLIN 0023, 0024, 0027, 0029, 0029, 0031, 0032, 0034, 0041, & 0042) When repairing concrete filled bollards & Vehicle Fence Post and Rails, the Contractor will ensure that there are no voids in the concrete fill. Concrete shall have a (b) (7)(E)

(CLIN 0026) Anti-Climb Plate Damage: Damage may include but is not limited to: cutting, bending, tearing, and twisting of plate(s).

(CLIN 0033, 0034, 0039, & 0040) Foundation Damage is defined as: realigning and stabilizing the post foundation or patching and realigning or replacing concrete trench foundation which has been damaged along the base. This may require ground compaction, additional support by placement of concrete, and may require supplying additional fill material. Any foundation repair or replacement shall conform to the original design, placement, and materials, or better. Placement of the material as noted in the CLIN per the direction of the COR and shall be compacted to a minimum density of 95% of a standard proctor test. Testing will only be required if requested by the COR.

(CLIN 0051) Burrowing is defined as: (b) (7)(E)

(b) (7)(E)

(CLIN 0052) Lock Box Repair: Damaged gate lock boxes and associated hardware will be repaired to original operating condition. Work may include straightening bent steel, replacing steel elements, cutting, welding, replacing Teflon slides, etc.

(CLIN 0053 and 0054) Gate Frame Repair: Repairs to gate framing will be done by straightening damaged framing member(s), or replacement if necessary, and performing any welding necessary to restore the gate to its original condition. Work may include straightening bent steel, replacing steel elements, cutting and welding.

(CLIN 0055) Gate Maintenance: See paragraph 1.7.2.

(CLIN 0056, 0057, 0059, & 0060) Repairs of barbed and smooth wire will be made by replacing with new wire from fence post to fence post, stretched tight, and securely fastened at each end.

(CLIN 0058) Flat Bar Repairs; Repair by replacing a horizontal flat bar. Each bar is (b) (7)(E) in length. These bars are configured in (b) (7)(E)

They allow the passing of storm run-off water through the fence unimpeded. (b) (7)(E)

(CLIN 0061 thru 0064) Replace/Reaffix Cable to/along fence. (b) (7)(E) diameter.

(CLIN 0065 thru 0070) Scour refers to areas adjacent to the fence foundation that have scoured out due to erosion or man-made excavations exceeding the limits allowed under general repair note (h.) for Burrowing. The Contractor shall not be responsible for scour that impacts the roadway adjacent to the fence. The COR reserves the right to direct the Contractor to perform repair of scour that extends (b) (7)(E) from fence foundation. Scour shall be repaired by placement of the material as noted in the CLIN per the direction of the COR and shall be compacted to a minimum density of 95% of a standard proctor test. Testing will only be required if requested by the COR.

(CLIN 0071) Payment for Mobilization/Demobilization: Compensation to the Contractor will be for a single round trip mobilization/demobilization of Contractor's personnel, equipment, supplies and incidentals for the performance of the work once per day per Border Patrol Station. Mobilization/Demobilization compensation will only be applicable for days that notifications for repairs are made. If the Contractor performs additional mobilization /demobilization of personnel, material and/or equipment at the Contracting Officers Representatives request, Compensation will be made at the unit price of CLIN 0071 for a day's Mobilization/Demobilization.

At anytime during the performance of the Task Order, the COR may prioritize the order in which needed repairs shall be completed.

CLIN	DESCRIPTION	Unit of Measure	Estimated Qty (1 month)	Estimated Unit Price	Total Cost (1 month)
0001	Primary Pedestrian Landing Mat Less than 5 SF	EA			
0002	Primary Pedestrian Landing Mat 5 SF to 20 SF	EA			
0003	Primary Pedestrian Landing Mat 20 SF to Section Replacement	EA			
0004	Primary Pedestrian Landing Mat Reweld Landing Mat Panel	EA			
0005	Primary Pedestrian Landing Mat Repair Fence/Cap Extensions	EA			
0006	Primary and Secondary Pedestrian Wire Mesh Less than 5 SF	EA			
0007	Primary and Secondary Pedestrian Wire Mesh 5 SF to 20 SF	EA			
0008	Primary and Secondary Pedestrian Wire Mesh 20 SF to Section Replacement	EA			
0009	Primary and Secondary Pedestrian Wire Mesh Lifted Panel	EA			
0010	Primary Pedestrian Pickett Partial Cut Slat	EA			
0011	Primary Pedestrian Pickett Severed Slat (1-2)	EA			
0012	Primary Pedestrian Pickett Severed Slat (3-4)	EA			
0013	Primary Pedestrian Pickett Severed Rail	EA			
0014	Primary Pedestrian Pickett Severed Post	EA			
0015	Primary Pedestrian Pickett Bent/Spread Slat	EA			
0016	Primary Pedestrian Bollard w/ Extention Less than 5 SF	EA			
0017	Primary Pedestrian Bollard w/ Extention 5 SF to 20 SF	EA			
0018	Primary Pedestrian Bollard w/ Extention 20 SF to Section Replacement	EA			
0019	Primary Pedestrian Bollard w/ Extention Severed Bollard	EA			
0020	Primary Pedestrian Bollard w/ Extention Partial Cut	EA			
0021	Primary Pedestrian Bollard w/ Extention Gate Repair	EA			
0022	Primary Pedestrian Bollard w/ Extention Gate Replacement	EA			
0023	Primary Pedestrian Bollard (Concrete Filled) Severed Bollard	EA			
0024	Primary Pedestrian Bollard (Concrete Filled) Partial Cut	EA			
0025	Primary Pedestrian Bollard (Concrete Filled) Spread Bollards	EA			
0026	Primary Pedestrian Bollard (Concrete Filled) Anti-Climb Plate Damage	EA			
0027	Primary Pedestrian Bollard (Concrete Filled) Full Section Replacement	EA			
0028	Vehicle Fence Post and Rail (Concrete Filled Post) Severed Post (1)	EA			
0029	Vehicle Fence Post and Rail (Concrete Filled Post) Severed Post (2 to 3)	EA			
0030	Vehicle Fence Post and Rail (Concrete Filled Post) Severed Rail	EA			
0031	Vehicle Fence Post and Rail (Concrete Filled Post) Severed Post and Rail	EA			
0032	Vehicle Fence Post and Rail (Concrete Filled Post) Severed Post and and Broken Welds on Wire Mesh Panel	EA			
0033	Vehicle Fence Post and Rail (Concrete Filled Post) Foundation Damage	EA			
0034	Vehicle Fence Post and Rail (Concrete Filled Post) Foundation and Section Replacement	EA			
0035	Vehicle Fence Post and Rail (Concrete Filled Post) Severed Post (1)	EA			
0036	Vehicle Fence Post and Rail (Non-Concrete Filled Post) Severed Post (2 to 3)	EA			

(b) (5)

0037	Vehicle Fence Post and Rail (Non-Concrete Filled Post) Severed Rail	EA
0038	Vehicle Fence Post and Rail (Non-Concrete Filled Post) Severed Post and Rail	EA
0039	Vehicle Fence Post and Rail (Non-Concrete Filled Post) Severed Post and Rail	EA
0040	Vehicle Fence Post and Rail (Non-Concrete Filled Post) Foundation Section Replacement	EA
0041	Vehicle Fence Bollard (Concrete Filled) Severed Bollard	EA
0042	Vehicle Fence Bollard (Concrete Filled) Partial Cut	EA
0043	Vehicle Fence Normandy Partial Cut (1)	EA
0044	Vehicle Fence Normandy Partial Cuts (2-3)	EA
0045	Vehicle Fence Normandy Section Replacement	EA
0046	Vehicle Fence Normandy Realign 1 Section	EA
0047	Vehicle Fence Normandy Partial Cut (1)	EA
0048	Vehicle Fence Normandy Partial Cuts (2-3)	EA
0049	Vehicle Fence Normandy Section Replacement	EA
0050	Vehicle Fence Normandy Realign 1 Section	EA
0051	Burrowing	EA
0052	Pedestrian Fence Gates Lock Box Repair	EA
0053	Pedestrian Fence Gates Adjustment to Gate Framing	EA
0054	Pedestrian Fence Gates Repair of Gate Framing	EA
0055	Pedestrian Fence Gates Periodic Maintenance (Per Month)	Month
0056	Barbed Wire Repair 0-5- LF	EA
0057	Barbed Wire Repair 50 - 100 LF	EA
0058	Horizontal Flat Bar 2.5" X 2"	EA
0059	Smooth Wire Repair 0-100 LF	EA
0060	Smooth Wire Repair 101-500 LF	EA
0061	Replace Cable along Fence 0-100 LF	EA
0062	Replace Cable along Fence 101-150 LF	EA
0063	Replace Cable along Fence 151-200 LF	EA
0064	Reaffix Cable to Fence	EA
0065	Scour: Soil 0-10 Cubic Yards	EA
0066	Scour: Soil 11-20 Cubic Yards	EA
0067	Scour: Soil 21-50 Cubic Yards	EA
0068	Scour: Aggregate 0-10 Cubic Yards	EA
0069	Scour: Aggregate 11-20 Cubic Yards	EA
0070	Scour: Aggregate 21-50 Cubic Yards	EA
0071	Mobilization/Demobilization	EA
0072	Bond Premium	LS



\$ 128,993.33

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Funds Request, EPT Fencing Extension
Date: Tuesday, March 19, 2013 12:04:50 PM

(b) (5)

(b) (6), (b) (7)(C), CBM, PMP
Division Director, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
1301 Constitution Ave. NW, Suite B-155
Washington, DC 20004
Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)
Sent: Tuesday, March 19, 2013 10:23 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: FW: Funds Request, EPT Fencing Extension

(b) (6), (b) (7)

(b) (5)

(b) (6), (b) (7)

(b) (6), (b) (7)(C), PE, PMP
Program Manager
LMI
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
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Border Patrol's proud legacy"*

From: (b) (6), (b) (7)(C)
Sent: Friday, March 15, 2013 10:50 AM
To: (b) (6), (b) (7)(C)
Subject: FW: Funds Request, EPT Fencing Extension

(b) (6), (b) (7)

(b)(6);(b)(7)(C), (b) (7)(E)

(b) (6), (b) (7)

(b) (6), (b) (7)(C), PE, PMP
Program Manager
LMI

Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
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From: (b) (6), (b) (7)(C)
Sent: Friday, March 15, 2013 10:32 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Funds Request, EPT Fencing Extension

(b) (6), (b) (7)(C)

This will have to go through the same drill of getting approval through (b) (6), (b) (7)(C) or equivalent. This one wasn't included on the first round of approvals.

Thanks,
(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Contracting Officer

US Customs and Border Protection/DHS

Facilities, Financial & Acquisition & Procurement Contracting Branch

Phone: (b) (6), (b) (7)(C)

Fax: (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Friday, March 15, 2013 10:19 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: FW: Funds Request, EPT Fencing Extension

(b) (6), (b) (7)(C)

Attached is a spreadsheet of changed quantities/costs for the extension from 1 April thru 31 May, amounting to (b) (5). Please let me know if you need anything additional to support this action. Thanks for the help!

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), PE, PMP
Program Manager
LMI
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
Sent: Thursday, March 14, 2013 8:53 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Re: Funds Request, EPT Fencing Extension

Approved. Thank you...

From: (b) (6), (b) (7)(C)
Sent: Thursday, March 14, 2013 08:30 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: FW: Funds Request, EPT Fencing Extension

Hello (b) (6), (b) (7)(C)

The attached funds request is ready for your review and approval.



Thank you!

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Thursday, March 14, 2013 1:00 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Funds Request, EPT Fencing Extension

(b) (6), (b) (7)(C)

Please process the attached funds request. It needs to go to (b) (6), (b) (7)(C). Thanks!

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), PE, PMP
Program Manager
LMI
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
*"Excel as a trusted strategic partner enhancing
Border Patrol's proud legacy"*

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Subject: FW: Funds Request, EPT Fence M&R, Gap Filler
Date: Tuesday, November 27, 2012 5:04:44 PM
Attachments: [TI Funds Request - Border Fence M&R, El Paso Sector 11-26-2012.doc](#)
[STATEMENT OF WORK ELP FENCING 11-24-2012.doc](#)
[El Paso Sector Fence Maintenance Appendices.pdf](#)
[IGCE EPT Fence 11-24-2012.xls](#)
[Sole Source Justification Document - EPT Fencing 11-26-2012.doc](#)

Hi (b) (6), (b) (7)

For this funds request, (b) (5)

From: (b) (6), (b) (7)(C)
Sent: Monday, November 26, 2012 12:01 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Funds Request, EPT Fence M&R, Gap Filler

(b) (6), (b) (7)(C),

Attached is a funds request for \$133,000 and the procurement package for this requirement. The existing USACE contract runs out on 8 January 2013 and we're working with CBP contracting to get an urgent replacement contract. Thanks for the help.

(b) (6), (b) (7)

(b) (6), (b) (7)(C), PE, PMP
Program Manager
LMI
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
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Border Patrol's proud legacy"*

Tactical Infrastructure Funds Request

Completed by Division Staff / Project Management	
Complete and submit the Funds Request (FR) form to the Financial Officer for review, revision, and/or approval. Please include the Statement of Work (SOW) and/or Statement of Objectives (SOO); Independent Government Cost Estimate (IGCE), USACE Funds Management Form, and/or Cost Estimation Form (CE); and Approved Change Request (CR) and/or Project Requirement Document (PRD).	
Date:	November 26, 2012
Subject Matter:	BORDER FENCE MAINTENANCE AND REPAIR, EL PASO SECTOR BORDER PATROL
Originator Information: (Name, Title, Phone Number)	(b)(6);(b)(7)(C) PM/COR El Paso Sector DHS/CBP FM&E BPFTI-Tactical Infrastructure Cell: (b)(6);(b)(7)(C) Email: (b)(6);(b)(7)(C)
Funds Request Amount:	\$133,000.00
Contract Type: (RWA or Procurement)	Firm Fixed
Summary (Provide a brief description of what the funds are being used for): To provide border fence maintenance and repair support along Tactical Infrastructure in Texas and New Mexico (El Paso Sector). Request funding to allow award of a short term contract. The current contract thru ECSO expires on 8 January 2013, and a new contract is not expected to be awarded until late January. This is a critical requirement that needs to be executed ASAP so a contractor can be fully mobilized by 8 January to prevent a CRITICAL gap in mission essential service for El Paso Sector. The funds identified are based on a sole source procurement to the current contractor using the pricing schedule from the current contract.	
Completed by Financial Officer	
Funds Availability	
Amount:	
Fund:	
Fund Center:	
Functional Area:	
Object Class Distribution:	
Z-Code/Order:	
PR#	
Date Entered into SAP	
Required Approvals	

TI Division Director:	Name	Date
Financial Management Branch Chief:	Name	Date

**STATEMENT OF WORK (SOW)
BORDER FENCE MAINTENANCE AND REPAIR
EL PASO SECTOR BORDER PATROL**



**Facilities Management & Engineering Tactical Infrastructure
Comprehensive Tactical Infrastructure Maintenance and
Repair (CTIMR)**

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1.0 BACKGROUND:

The United States Customs and Border Protection (CBP) is an agency of the Department of Homeland Security (DHS) responsible for Section 102 of the Secure Fence Act. CBP/FM&E is tasked with constructing in the most expeditious manner possible the infrastructure necessary to deter and prevent illegal entry on the Southwest Border. FM&E was established to acquire, maintain, and sustain all Tactical Infrastructure. This program will develop and install physical components consisting of roads, bridges, pedestrian and vehicle fencing, and lighting; designed to consistently slow, delay, and act as persistent impedance to illicit cross-border activity. Gaining effective control of our Nation's borders is a critical component of national security.

2.0 SCOPE:

The contractor shall provide mission essential maintenance and repair of fencing and gates as well as have the capability to respond to short notice, to perform unexpected repairs across the entire area for El Paso Sector. The contractor is responsible for providing adequate manpower, vehicles, tools, fuels, power sources, and all repair items needed to maintain rapid response and repair time. Additionally, the contractor shall be required to take "before" and "after" photographs of the repair, have a Global Positioning System (GPS), to locate and report damage, and radio or other communication equipment to stay in contact with the Border Patrol and dispatch. The contractor shall utilize the Tactical Infrastructure Project Office (TIPO) database to input repair and maintenance data on all projects.

3.0 DOCUMENTS:

The contractor shall comply with all applicable Federal, State, International Boundary and Water Commission (IBWC) regulations, local, and Native American Nation Laws, regulations, policies and other requirements while executing the SOW requirements

3.1 APPLICABLE DOCUMENTS:

- Occupational Safety and Health Manual Regulations (OSHA)
- Code of Federal Regulations, Title 29, Part 1926 – Safety and Health Regulations for Construction and Engineering Manual, US Army Corps of Engineers (USACE) Engineering Manual (EM) 385-1-1 (November 2003)
- Code of Federal Regulations, Title 49, Part 105- Hazardous Materials Program Definitions and General Procedures

Concrete/Steel:

- American Concrete Institute (ACI) Manual of Concrete Practice, dated 2009
- American Institute of Steel Construction (AISC), Steel Construction Manual, 13th Edition
- American Welding Society Standards and Specifications (AWS)
- American Society for Testing and Materials (ASTM) Standards

Environmental:

- Code of Federal Regulations, Title 40, Part 122.26, Storm Water Discharges (for Storm Water Pollution Prevention Plans)
- National Environmental Policy Act (NEPA)
- DHS MD 023.1 Environmental Planning Program
- DHS MD 023.2 Environmental Compliance
- DHS MD 025.01 Sustainable Practices for Environmental, Energy and Transportation Management
- Code of Federal Regulations, Title 40: Protection of the Environment, Chapter I -- Environmental Protection Agency
- Subchapter A -- General (Parts 1 - 29)
- Subchapter C -- Air Programs (Parts 50 - 99)
- Subchapter D -- Water Programs (Parts 100 - 149)
- Subchapter E -- Pesticide Programs (Parts 150 - 189)
- Subchapter G -- Noise Abatement Programs (Parts 201 - 211)
- Subchapter I -- Solid Wastes (Parts 239 - 282)
- Subchapter J -- Superfund, Emergency Planning, and Community Right-to-Know Programs (Parts 300 - 399)
- Subchapter Q -- Energy Policy (Parts 600 - 699)
- Subchapter R -- Toxic Substances Control Act (Parts 700 - 799)
- Subchapter U -- Air Pollution Controls (Parts 1027 - 1074)
- Approved State Hazardous Waste Management Programs:
 - 272 CFR 1601 New Mexico
 - 272 CFR 2201 Texas
- Code of Federal Regulations Title 40: Council on Environmental Quality (Parts 1500-1508)

Building/Construction Codes:

- International Building Code (IBC), Revised 2006
- New Mexico
- New Mexico Building Code 2006 (IBC 2006)
- New Mexico Electrical Code 2005 (NEC 2005)
- Texas
- Texas Department of Transportation Bridge Inspection Manual, Revised July 2002

Applicable City, Local, Native American Nation, and County Codes

4.0 SPECIFIC TASKS:

The contractor shall perform all tasks associated within this SOW as specified. The Government requires maintenance, repair, and improvement support in: 1) Fence and Gates. The work required to support the TI varies based primarily on the inventory quantities for each work category, the number and type of intrusions, time of year (variances in illegal border traffic fluctuate with the time of year), economic conditions, weather events, and location. There is typically a higher frequency of damage in and around the more urbanized areas. Also, the Contractor will be required to develop the

appropriate work plan, which will be the basis for routine maintenance and repair; and must collect, store, and report certain data into an automated system for use by the Government. The Contractor shall provide all labor, materials, equipment, supplies, transportation, permits, and fees necessary to perform all work described below in compliance with the terms and conditions of this contract.

Work to be performed as part of this contract is divided into two work classifications. The Government will classify work as urgent or routine. M&R work to be performed is defined as:

- Urgent – All work requirements resulting from willful or other destruction, a natural event such as severe weather or premature failure of the TI asset, and an immediate M&R response is necessary to support the mission requirements.
- Routine – All non-urgent work requirements that can be planned or scheduled at a designated frequency.

During urgent servicing, the Contractor shall provide service to restore TI condition to its pre-damage state. It is anticipated that almost all urgent work requirements will be for breaches for fences and gates and will be done during day light hours. However, based on mission requirements, the Contracting Officer’s Technical Representative (COTR) may direct the Contractor to perform a limited amount of urgent work at night. Table 1 provides typical urgent service response and completion times. The COTR will set the time to start and completion of the repair will be based on the severity and location of the urgent service.

Table 1. Typical Urgent Services Support Times

Contractor acceptance	Government prescribed time to start and finish	Notification of completion time
(b) (7) (E)		
<p>^a Both response and completion times begin at the time of notification (or identification).</p> <p>^b Mobilization Response is when the Contractor verbalizes to the COTR the plan of action to complete the urgent repair, including justification for any time needed outside of the Government prescribed times. Exceptions are made only by the COTR.</p> <p>^c Completion is when the work is done and conditions are restored back to pre-damage conditions. (b) (7)(E)</p> <p>(b) (7)(E)</p>		

The Government shall have the primary TI inspection responsibility to identify work requirements. The Contractor shall report to the Government any work requirements that it observes while performing maintenance, repair, or improvement activities. Also, the Government may require the Contractor to formally survey and inspect select TI on a periodic basis.

4.1 Description of Work

4.1.1 Fence and Gates

- There are two general types of fencing: pedestrian and vehicle fencing. Each fence type has several different designs (e.g., for pedestrian fence, there is chain link, wire mesh, landing mat, bollards, and other designs). Many fence segments and roads have gates that will also require periodic M&R. The gates are manually, mechanically, and electromechanically-operated types.
- Damage to fencing can be caused by two elements: natural and manmade. Natural elements refer to the forces of nature that will act upon the fencing and include corrosion, erosion, water pooling, sand drifting, debris build-up, wind loading, temperature change (i.e., thermal expansion and contraction cycles that may create cracks) and ground shift. The manmade element refers to damage made by vandalism and includes, but may not be limited to, the following attack/defeat vectors: cutting, burrowing below, climbing, prying/twisting, disassembly, ramming, bridging, pulling down, graffiti, cryogenic and fire/heating/burning. Fence segments have varying levels of susceptibility to the aforementioned damage elements depending on design and location.
- The Contractor, at a minimum, shall perform the following types of work as directed by the COTR:
 - Making repairs that restore the structural integrity to pre-damage state, are tamper proof, and do not change the design
 - Fixing damage caused by burrowing, water, and wind erosion
 - Fixing damage to fence foundations and all erosion control elements
 - Relocating fence sections that are specially designed to work on shifting sands
 - Repositioning movable fence segments that have concrete bases and set on top of the ground
 - Preparing the fence for potential floods by taking preventative actions such as removing and storing fence panels, and then reinstalling them
 - Moving and storing fence panels so levee and other work can be performed and then reinstalling them.
 - The structural integrity of the repaired fence and/or gates shall be equal to or greater than the integrity of the fence and/or gate before it was damaged.
 - All repairs shall be tamper proof.
 - All repairs shall be completed with proper consideration to aesthetics. (i.e. fence repairs shall be completed with matching materials to the surrounding fence, unless otherwise approved by COTR.)
 - Repairs shall not change the fence or gate design, unless otherwise approved by COTR.
 - All repairs shall blend into the surrounding existing fence or gate to the greatest extent possible.
 - The Contractor shall be available to make repairs seven days a week during daylight hours throughout the duration of the contract.

- The Contractor shall comply with applicable federal, state, local laws and regulations in the performance of ground, air, or sea transportation activities required under this contract, to include any requirements of airports or seaports relative to identification, security badges, etc.
- Each crew must have decimal degree GPS capability that is compatible with the local Border Patrol.
- Housekeeping: All areas where work is performed will be cleaned up of construction debris and trash and hauled off upon completion at each repair location.

4.2 SAFETY

The following precautions shall be taken during repair:

- All maintenance teams shall consist of at least two people.
- All maintenance shall be conducted during daylight hours.
- The Contractor shall notify the local Border Patrol Station of their intent to approach and depart the maintenance areas.
- The Contractor shall use vehicles marked with company logo, name, or some other indication that the vehicle is part of on-going maintenance activities. Each vehicle shall also bear signage identifying it as a “CBP Contractor”. Such marking(s) shall be readily visible from outside the cab and shall be used by the Contractor on all vehicles and throughout the duration of the contract to the greatest extent possible.
- Each crew shall have the ability to communicate with their management at all times.

4.2.1 FOR EMERGENCY CIRCUMSTANCES ONLY

The Contractor shall provide the names, job titles, and contact information, to include telephone numbers (business, cell phones, facsimile, pager numbers, etc.) of a senior manager within the Contractor’s organization, and a minimum of one similarly qualified alternate, available on a 24-hour, 7 days-a-week basis, to serve as continuously available liaison with CBP. The Contractor shall submit the above information to the Contracting Officer by email within two calendar days following receipt of the Task Order award. During the contract period, the Contracting Officer and the Contracting Officers Technical Representative (COTR) shall be notified immediately, by email, of any changes regarding the designated liaisons.

4.2.1.1 ACCIDENT REPORTING

The Contractor shall inform Border Patrol and the COTR as soon as practical, but not later than four hours after any accident that involves Border Patrol personnel or property, the necessity of EMS, media involvement or any damage to private property adjacent to the work area.

4.3 Kick-Off Meeting

The Contractor shall meet with the government for a post-award coordination conference at a time and location that will be determined after contract award. Maintenance work will not proceed until after the post-award coordination conference has been held, and Environmental Compliance Plan have been accepted, and the Notice to Proceed has been received and acknowledged by the Contractor

A monthly progress and issue resolution meeting shall occur between the Contractor and the COTR. This meeting will be at a location, date and time as directed by the COTR. Notice to Proceed (NTP) will be issued after the Contractor provides the Payment and Performance Bonds.

Beginning on the date of Notice to Proceed (NTP) on this Task Order, the Contractor shall be continuously available via e-mail or telephone to the CBP representatives for receipt of new repair information, response to requests for information, discussion of contract performance, and other contract administration activities such as billing or payment, etc.

4.4 INSPECTION AND ACCEPTANCE

1. The Contractor shall (a) control the quality of supplies used under this contract; (b) ensure that vendors or suppliers of raw materials, parts, components, etc., have an acceptable quality control system; and (c) maintain substantiating evidence that the supplies or services conform to contract quality requirements and furnish such information to CBP as required.
2. The Contractor shall maintain records throughout the term of this contract and until completion, acceptance and final payment by CBP, in order to substantiate that all materials used to repair fence damage meets the requirements of this Task Order. At any time during the term of this contract and until completion of, acceptance and payment of all supplies ordered under this contract, the Contracting Officer may request the Contractor provide copies of this data on any or all material subcontractors. When requested, the Contractor shall provide this data within six (6) hours by email. Any deviation to these requirements must be authorized in writing by the Contracting Officer.
3. CBP will accept repairs upon inspection by an authorized Government official. The COTR will coordinate inspections with local Border Patrol. The COTR will notify the Contractor if the repair is not acceptable.
4. Gate Testing and Acceptance for repair or replacement of gate(s). As part of the acceptance inspections, all gates shall be tested and demonstrated to operate per the contract specifications, including manually, for acceptance. The operations manual shall be available and followed to demonstrate safe operations.

4.5 PERFORMANCE

- Gate Maintenance: Gate maintenance will be conducted in accordance with Gate Manuals found in the appendices of this SOW
- Gate maintenance shall be conducted monthly unless the maintenance manual prescribes an alternate maintenance schedule.
- A gate maintenance log shall be maintained throughout the Task Order period of performance.
- The gate maintenance log shall be organized in a manner so that it can be easily determined that each maintenance task was performed on each gate during each maintenance period.
- The updated maintenance log shall be submitted electronically to the COTR each month after maintenance occurs.
- The final maintenance log shall be electronically submitted to CBP at the completion of the contract.
- At least one week prior to monthly gate maintenance, the Contractor shall notify the COTR of the location, nature of work and estimated start and completion dates.

Immediately upon contract award, the COTR and the Contractor will determine a time(s) for damage notification report(s). This report may happen via email, phone call, or web-based reporting system at the COTR's discretion. The COTR will notify the Contractor of new damages in need of repair. All damage reports will be accompanied with the following information:

- Decimal degree GPS coordinates or other suitable damage location information
- Type of fence
- Description and extent of damage
- Sector
- Station

❖NOTE: The primary method of identifying damage locations shall be via GPS coordinates. In the rare event that decimal degree GPS coordinates are not available, the damage location may be given in another suitable format.

❖NOTE: Contractor shall utilize the government web based program, called the Fence Breach Module (FBM), for all breach reporting activities.

(b) (7)(E)

Based upon the extent of damage, additional repair time may be granted by the COTR. Damage repair shall meet the following standards:

General Repair Notes

- NOTE: At anytime during the performance of the Task Order, the COTR may prioritize the order in which needed repairs shall be completed.

1. Gate Maintenance

- Gate maintenance shall be conducted monthly unless the maintenance manual prescribes an alternate maintenance schedule.
- A gate maintenance log shall be maintained throughout the Task Order period of performance.
- The gate maintenance log shall be organized in a manner so that it can be easily determined that each maintenance task was performed on each gate during each maintenance period.
- The updated maintenance log shall be submitted electronically to the COTR each month after maintenance occurs.
- The final maintenance log shall be electronically submitted to CBP at the completion of the contract.

4.6 GENERAL NOTES ON MAINTENANCE TASKS

- Refer to the work requirements listing by CLIN in Appendix J for additional criteria pertaining to the maintenance tasks.
- Caution shall be exercised during the execution of this task as to not damage existing items within the project limits, along access roads, and within the staging areas. Any damage incurred by the Contractor's activities during maintenance activities shall be repaired by the Contractor at no cost to the Government. Repairs are to be completed to an equal or better than original condition.
- The Contractor shall ensure, to the extent possible, that the patrol road is not blocked due to maintenance activities. The contractor shall ensure that the integrity of the patrol road remains passable for Border Patrol vehicles.
- All excess material shall be hauled off site and disposed of at the end of each workday or at the completion of work at that site. Materials shall be disposed of off government property in a state certified landfill, unless approved otherwise by the Contracting Officer. The Contractor shall provide all applicable licensing and/or permits for hauling and disposal of excess materials. The Contractor shall supply a copy of application and permit records to the Contracting Officer as soon as each application is made and permit received.

4.7 RELEASE of INFORMATION

Neither the Contractor, nor the Contractor's representatives, shall release any report, data, specification, photograph, cost estimate, nor other information in any form obtained or prepared under this contract without prior written approval of the Contracting Officer.

5.0 DELIVERABLES AND DELIVERY SCHEDULE

Fence Inspections:

A. The Contractor may inspect the fence within the Station in which they are already conducting a repair. Any breaches may be reported to the COTR and the COTR may or may not give the Contractor authorization to repair any additional breaches that were identified during the Contractor's inspection. Inspection time will not be compensated and inspections are not mandatory.

B. Repair Report:

The following information must be provided to CBP via email to (b) (7)(E) or to the web-based system at the direction of the COTR no later than 72 hours after the completion of a repair:

A completed repair report (Report is provided as Appendix II to this RFP) or equivalent web-based report at the decision of the COTR.

A digital picture of the fence damage before and after repair.

•NOTE:

All digital pictures shall be taken with a digital camera with GPS capabilities to collect field photos. The cameras shall have the following capabilities: 3.24 Mega pixels, 3X optical zoom, and a Compact Flash, WASS enabled GPS card. The GPS coordinates and the date shall be displayed on each photograph submitted to CBP.

•Repair Rights: The US Border Patrol reserves the right to make repairs to fence in any situation where operations require a more timely response to a breach.

C. FINAL CLEANING

The site shall have waste, surplus materials and rubbish removed. The project area shall have temporary structures, barricades, project signs, and maintenance facilities removed. A list of completed clean-up items shall be submitted on the day of final inspection.

6.0 GOVERNMENT_FURNISHED EQUIPMENT AND INFORMATION (NOT USED)

7.0 PLACE OF PERFORMANCE

All work, including fence maintenance, staging, hauling, ingress and egress, shall be limited to areas of Government owned property, areas the Government has obtained easements, and areas the Government has agreements with the landowner. Access Roads are depicted on the figures located in Appendix I. CBP will identify the project corridor, staging area and ingress/egress limits upon award of the contract. Additionally, the Contractor shall not enter Mexican land or airspace with personnel or equipment. The

Contractor shall ensure all materials, equipment, vehicles, personnel and any other maintenance related items and/or activities be contained within the work limits.

8.0 PERIOD OF PERFORMANCE

- a. The contract resulting from this SOW will have a period of performance of approximately 31 days, lasting from 9 January 2013 to 8 February, 2013. A current contract for these services expires on 8 January 2013. The contractor must be fully mobilized and ready to start receiving work, for performance within 24 hours, beginning on 9 January 2013.
- b. Gate Maintenance: Gate maintenance will be conducted in accordance with the Gate manuals found in the appendices of this SOW.

9.0 SECURITY

This work shall be considered unclassified. It shall be the Contractor's responsibility to furnish security for personnel and to safeguard material, equipment, etc. as the need is determined by the Contractor. This will include but not limited to actual project sites, and/or staging areas and storage facilities. The Contractor's security provider shall be licensed in the state in which they are working.

The Customs and Border Patrol will not provide security for the contractor. The Border Patrol agents shall respond to security matters/threats if and when they occur. Both the Contractor and Border Patrol shall provide phone numbers to be used in emergency situations. As a part of the security requirement, the Contractor shall be responsible for the development of a Security Plan in conjunction with the Health and Safety Plan. The detailed Security Plan shall include details such as, but not limited to; "fall back positions", evacuation routines and methods, muster area, medical staff members/availability, number of security personnel, qualifications, years of experience, etc. in the event of a hostile attack. This plan shall be reviewed by CBP for inspection and final acceptance prior to activities. The Contractor shall bring three (3) copies of the security plan to the post-award coordination conference.

The contractor shall also be responsible for ensure that all employees assigned to the job site(s) shall have a criminal background check performed and properly vetted. (b) (7)(E)

(b) (7)(E)

(b) (7)(E)

Furthermore, the contractor quired at the jobsites for

verification by CBP prior to conducting activities. Activities include, but are not limited to; site investigations, surveys, and construction. Any personnel having questionable history/backgrounds shall be rejected and not authorized to enter the jobsite. This list

marked "CONFIDENTIAL" shall be submitted to the Contracting Officer for validation purposes. Personnel entering in or working on Federal property may be screened and checked for criminal history and proper immigration status. To facilitate the screening and checking of each employee entering in or working on Federal property, the General Contractor shall submit:

- a. The individual's full name
- b. Company Name
- c. Date of Birth (DOB)
- d. Social Security Number
- e. Driver's Licenses and/or State Identification Number
- f. Place of Birth (POB)

After submission of requirements stated above, the Contractor shall proceed with all work unless further notified by the Government. Employee Identification Badges: Contractor personnel shall wear visible Contractor-furnished employee identification badges while physically on the construction site. Each badge shall include, as a minimum,

(b) (7)(E)

10.0 SPECIAL CONSIDERATIONS

ENVIRONMENTAL COMPLIANCE

CBP is committed to responsible environmental stewardship. For each type of tactical infrastructure (TI) described in this contract the Contractor's maintenance and repair activities will likely trigger environmental compliance obligations, Contractor will therefore be required to carry out assigned tasks in conformance with applicable federal, state and local environmental laws, regulations, and CBP and DHS environmental policies. Contractor shall be required to comply with all applicable environmental, transportation, and safety laws and regulations. The Contractor shall be responsible for demonstrating compliance with the regulations applicable to the work location. If required by law, regulation or policy the Contractor shall obtain appropriate permits. DHS has made commitments to the public, Congress, and state and federal resource agencies regarding environmental stewardship. These commitments may be set forth in the National Environmental Policy Act (NEPA) documents or Environmental Stewardship Plans (ESP) that were prepared for each TI segment. In most instances these commitments remain applicable for as long as DHS operates and maintains the TI. Such commitments include mitigation measures that are tailored to specific locations and best management practices (BMPs) that apply to any and all maintenance activities. Specific examples of mitigation measures include cleaning up spills, dust suppression, and restoring damaged land outside the approved project corridor. Specific BMPs include limited travel speeds; collecting and properly disposing all wastes including concrete wash water; using drip pans on motorized equipment; keeping all activities within

approved project corridor limits; properly flagging the site perimeter; controlling soil erosion; protecting endangered species and cultural sites; and reporting environmental incidents.

The Contractor shall be familiar with and conform to the environmental commitments outlined in CBP NEPA documents and ESPs. The ESP documents can be found at the following website: <http://www.borderfenceplanning.com/>. Further information concerning the CBP NEPA documents and specific mitigation measures or BMPs that will be applicable to specific TI segments will be determined during the liaison between the Contractor and the Sector.

BEST MANAGEMENT PRACTICES

The Contractor shall implement all BMPs as outlined below. All BMPs shall be incorporated into the Contractor's Environmental Compliance Plan. As needed, depending on the maintenance/repair activity, environmental monitors, including cultural resource monitors and biological monitors, may be furnished by the Government at no cost to the Contractor to audit conformance with the BMPs during maintenance activities. The Contractor may be responsible for costs incurred to remediate or mitigate any environmental damage failure to comply and implement these BMPs. resulting from the contractor's

The following BMPs shall be implemented as standard operating procedures during all maintenance/repair activities:

- A. To minimize potential impacts from hazardous and regulated materials all petroleum, oils, lubricants, and solvents shall be stored in secondarily contained tanks or containers capable of containing the volume of the largest container stored therein. Mobile fueling vehicles and tanks shall be stored within secondary containment when not in the process of moving to a destination or actively fueling equipment. The refueling of machinery shall be completed following accepted guidelines including secondary containment, and all vehicles shall have drip pans during storage to contain minor spills and drips. No refueling or storage shall take place within 100 feet of a drainage channel or structure. All materials contaminated during fueling operations shall be contained, removed from the site, and properly managed. All compressed gas cylinders shall be stored in accordance with applicable OSHA standards.
- B. All POL spills and releases shall be contained and contaminated media including response materials shall be removed and properly characterized, stored and disposed off-site. All maintenance shall follow DHS management directives 023.02 (*Environmental Compliance Program*) and 025.01 (*Sustainable Practices for Environmental, Energy and Transportation Management*) for waste management.
- C. Proper handling, storage, and/or disposal of hazardous and/or regulated materials. All waste oil and solvents shall be recycled. All non-recyclable hazardous and regulated wastes shall be collected, characterized, labeled, stored, transported, and disposed of in accordance with all Federal, state, and local regulations, including proper waste manifesting procedures. The Contractor shall be the legal generator and owner of all waste generated during the maintenance activities. Should the

- hazardous waste be generated, the Contractor shall arrange for proper on-site waste management and disposal and shall sign the waste disposal manifests.
- D. Solid waste receptacles shall be maintained at staging areas, work camps, bivouacs, and work sites. Non-hazardous solid waste (trash and waste construction materials) shall be collected and deposited in on-site receptacles. All solid waste shall be properly managed while on-site, removed from the site, and properly disposed. The Contractor shall clean the site after each work day, collecting solid waste and placing it in proper containers, and preventing solid waste from impacting the environment.
- E. Waste materials and other discarded materials will be removed from the site as quickly as possible. Nonhazardous waste materials and other discarded materials such as construction waste will be contained until removed from site. The project area will be kept free of litter and maintenance debris.
- F. All food related trash items such as wrappers, cans, bottles, and food scraps, will be disposed of in closed containers and removed from the project site at the end of each work day. The Contractor shall police the site daily while on-site work is being performed.
- G. Waste water (water used for project purposes that is contaminated with maintenance/repair materials, was used for cleaning equipment and thus carries oils or other toxic materials or other contaminants) shall be stored in closed containers on site until removed for disposal. Concrete wash water will not be dumped on the ground, but will be collected in approved lined pits and properly moved offsite for disposal. Any concrete wash water spill will be cleaned up immediately. All waste water captured in the secondary containment systems shall be properly containerized, analyzed, managed and disposed. No waste water that has been in contact with POL shall be disposed of on-site.
- H. Access to the project site will be specifically designated and approved by the government. All access routes into and out of the project area will be flagged, and no travel outside those boundaries will be authorized.
- I. New roads will not be created without specific written direction/approval from the government.
- J. No pets owned or under the care of the maintenance contractor or any and all maintenance workers will be permitted inside the project boundaries, adjacent native habitats, or other associated work areas. This BMP does not apply to any animals under service to the USBP (such as canine and horse patrols).
- K. The Contractor shall create and maintain a fire suppression and response plan and shall also coordinate with the applicable federal land manager (BLM, NPS, USFWS, etc.) regarding their wildfire management plan. The Contractor shall incorporate the federal land manager wildfire management procedures into his fire suppression and response plan to prevent wildfires and ensure the safety of workers in the event of a wildfire.
- L. Materials such as gravel or topsoil will be obtained from existing developed or previously used sources not from undisturbed areas adjacent to the project area.
- M. Transmission of disease vectors and invasive non-native aquatic species can occur if vehicles cross infected or infested streams or other waters and water or mud

- remains on the vehicle. If these vehicles subsequently cross or enter uninfected or non-infested waters, the disease or invasive species may be introduced to the new area. To prevent this, crossing of streams or marsh areas with flowing or standing water will be avoided, and if not, the vehicle will be sprayed with a 10% bleach solution or allowed to dry completely to kill any organisms.
- N. Fill material, if required, brought in from outside the project area will be identified as to source location and will be weed free to the extent practicable.
- O. The U.S. Fish and Wildlife Service (USFWS) lists federally protected species with the potential of occurring in every county. It is the Contractor's responsibility to be aware of these species and if any of these species are encountered the Contractor shall take appropriate measures, including temporarily suspending work and notifying the contracting officer or COR, to protect each species.
- P. All contract personnel must receive a minimum 2 hour environmental awareness training short course regarding sensitive resources in the project area as approved by the COR prior to access to the site. The contractor will be responsible for ensuring that the Contractor's employees are aware of the listed species and other sensitive natural and cultural resources in the project area.
- Q. Water for use during maintenance activities shall be from wells or irrigation water sources at the discretion of the landowner (depending on water rights). In certain areas, pumping of groundwater from local wells may not be appropriate due to adverse effect to aquatic, marsh, or riparian dwelling federally protected species. In these cases, treated water from outside the immediate area will be utilized by the Contractor.
- R. Surface water from aquatic or marsh habitats will not be used for maintenance purposes if that water source supports aquatic federally protected species or if it contains non-native invasive species or disease vectors and there is any opportunity to contaminate a federally protected species habitat through use of the water at the project site.
- S. Surface water from untreated sources, including water used for irrigation purposes, will not be used for maintenance projects located within one mile of aquatic habitat for federally protected aquatic species. Groundwater or surface water from a treated municipal source will be used when close to such habitats. This is to prevent the transfer of invasive animals or disease pathogens between habitats if water on the maintenance site was to reach the federally protected species habitats.
- T. Water storage on the project area should be in closed on-ground containers located on upland areas not in washes.
- U. For purposes of maintenance, infrastructure sites shall only be accessed using designated, existing roads. Parking will be in designated disturbed areas. This should limit the development of multiple trails to such sites and reduce the effects to federally protected species habitat in the vicinity.
- V. Border monuments shall be protected from damage. Any damage caused to the monuments by the Contractor's action or lack of action shall be addressed at the Contractor's expense.
- W. To prevent entrapment of wildlife species during the project, all excavated, steep-walled holes or trenches will either be covered at the close of each working day

- by plywood or provided with one or more escape ramps constructed of earth fill or wooden planks. The ramps will be located at no greater than 1,000-foot intervals and will be sloped less than 45 degrees. Each morning before the start of maintenance activities and before such holes or trenches are filled, they will be thoroughly inspected for trapped animals.
- X. To prevent entrapment of wildlife species during placement of vertical posts/bollards, all vertical fence posts/bollards that are hollow (i.e., those that will be filled with a reinforcing material such as concrete), shall be covered so as to prevent wildlife from entrapment. Covers will be deployed from the time the posts or hollow bollards are erected to the time they are filled with reinforcing material.
- Y. Speed limits will not exceed 35 miles per hour on major unpaved roads (graded with ditches on both sides) and 25 miles per hour on all other unpaved roads. Night time travel speeds will not exceed 25 mph, and may be less based on visibility and other safety considerations.
- Z. Short term noise impacts are anticipated with specific maintenance activities. All Occupational Safety and Health Administration requirements shall be followed. Maintenance equipment shall possess properly working mufflers and shall be kept properly tuned to reduce backfires.
- AA. Noise levels for maintenance activities should be minimized. All generators should be in baffle boxes (a sound-resistant box that is placed over or around a generator), have an attached muffler, or use other noise-abatement methods in accordance with industry standards.

APPENDICES:

Appendix A – List of Gates

Appendix B – Slide Gate Maintenance for El Paso Sector

Appendix C – Not used

Appendix D – Swing Gate Maintenance for El Paso Sector

Appendix E – Not used

Appendix F – Not used

Appendix G – K-1C Retrofit Manual Gate Operator

Appendix H – Photos

Appendix I – Maps

Appendix J - CLIN Work Requirements

Appendix J – CLIN Work Requirements

(CLIN 0004, 009) LINEAR CUTS Linear cuts are typically six feet in length. The total length is arrived at by adding the length of each cut (e.g., a linear cut can be a six foot length straight cut, an L-shaped cut with each leg being three feet in length, a three-sided “hinged door” cut with each cut measuring two feet in length, etc.)

(CLIN 0001-0005) EXPANDED METAL Repair will be accomplished by welding the existing panel back in place. All contact points will be welded. If replacement material is required, it will match existing fence material and will be welded at all contact points; overlap is acceptable, but use of flat bars to frame the repair is not acceptable. If the damage is a cut on three sides or less, repair will be made by welding the contact points all along the cut(s); payment will be made under the appropriate “Linear Cuts” CLIN.

(CLIN 0004, 0011) WELD REPAIR Welding in accordance with the line item description.

(CLIN 0006 - 0009) DOUBLE PLY WIRE MESH Cut out damaged area (b) (7)(E)

[REDACTED]; payment will be made under the appropriate “Linear Cuts” CLIN.

(CLIN 0010) WIRE MESH BULGE REPAIR Check both ends of the mesh section.

(b) (7)(E)

(b) (7)(E)

t.

(CLIN 0012 - 0015) BOLLARD Partial cuts will be repaired by welding steel plate(s) (b) (7)(E) (b) (7)(E) thick across the cut face(s) or other approved means. Severed bollards will be repaired by replacing the severed portion and following the procedure for partial cut repairs. Spread bollards will be repaired by straightening and realigning the bollards(s) with adjacent bollards. If foundation is damaged around the bollard, concrete will be chipped away to a depth of (b) (7)(E). Damage to anti-climb plates may include cutting, bending, tearing, and twisting of plates; repairs will be made using the existing materials, or new materials when necessary.

(CLIN 0016- 0019) BARBED WIRE Replace with new barbed wire from fence post to fence post, stretched tight, and securely fastened at each end. Support arm replacement is self explanatory.

(CLIN 0020) BURROWING ON LEVEE Burrowing on levee is defined as a hole typically (b) (7)(E). Fill the hole with soil and compact (may require additional fill material).

(CLIN 0021) BURROWING – OTHER Burrowing other is defined as a hole typically (b) (7)(E). Fill the hole with soil and compact (may require additional fill material).

(CLIN 0022) BURROWING UNDER CONCRETE BARRIERS Burrowing under concrete barriers is defined as a hole typically (b) (7)(E) long. Fill the hole with concrete. Burrowing is defined as: a hole typically (b) (7)(E) (b) (7)(E) long. Burrowing is repaired as: a patch of material similar to that of the fence will be cut large enough to extend (b) (7)(E) (b) (7)(E) he patch will overlap the fence by a (b) (7)(E) he hole will then be backfilled with concrete. (b) (7)(E)

(CLIN 0023) BURROWING/TENSION WIRE REPLACEMENT Tension wire will be replaced from post to post and will be woven through the chain link fence fabric and securely fastened at each end. (b) (7)(E) (b) (7)(E) the rebar will be woven through the chain link fence fabric up to a minimum height of (b) (7)(E) (b) (7)(E) Backfill the hole or depression and compact.

(CLIN 0024, 0025) TENSION WIRE REPLACEMENT (ONLY) Tension wire will be replaced from post to post and will be woven through the chain link fence fabric and securely fastened at each end. Rebar may be used in place of wiring at the request of BP with concurrence of the COR.

(CLIN 0026) PEDESTRIAN FENCE FOUNDATION REPAIR Realign and stabilize

post(s) that have been damaged. This will require compaction of the soil around the post, and may require additional support by placement of concrete, and may require additional fill material. This applies to fence segments with individual foundations for fence posts; it does not apply to fence segments with continuous footings.

(CLIN 0027) PEDESTRIAN FENCE EROSION BACKFILL This will require compaction of the soil around the fence. This repair will not exceed (b) (7)(E)
(b) (7)(E)

(CLIN 0028-0037) CHAIN LINK Repairs will be made by installing a new piece of matching chain link fence fabric the width of the breach and the full height of the fence. The vertical edges of the new fence will be woven into the existing fence fabric on both edges. Hog rings or similar methods to patch the area will not be acceptable. Tension wire (or rebar) will be replaced as part of the chain link repair line item. Tension wire will be replaced from post to post and will be woven through the chain link fence fabric and securely fastened at each end.

(CLIN 0040) GATE MAINTENANCE – See paragraph 1.7.2.

(CLIN 0041) LOCK BOX REPAIR– Damaged gate lock boxes and associated hardware will be repaired to original operating condition. Work may include straightening bent steel, replacing steel elements, cutting, welding, replacing Teflon slides, etc.

(CLIN 0042-0046) GATE REPAIRS – Replacement of truck support rods, truck assemblies, support track, guide wheels, gate bumpers will be done in accordance with the approved Operation and Maintenance manual available from the COR.

(CLIN 0047) GATE FRAME REPAIR – Repairs to gate framing will be done by straightening damaged framing member(s), or replacement if necessary, and performing any welding necessary to restore the gate to its original condition. Work may include straightening bent steel, replacing steel elements, cutting and welding.

(CLIN 0048) SANTA TERESA GATE MAINTENANCE – See paragraph 1.7.2.

(CLIN 0049) Repair and Replacement of broken or missing associated hardware not covered in CLINs 0046-0050, including but not limited to misc screws, security chains, pins, bolts, zerts, hasps, slide pins, wheels, rubber stops, metal wheels, chain, cotter pins, etc.

(CLIN 0050) Repair/Replacement for broken or missing associated hardware for STN Gate, including but not limited to misc screws, security chains, pins, bolts, zerts, hasps, slide pins, wheels, rubber stops, metal wheels, chain, cotter pins.

(CLIN 0051-0054) POST ON RAIL FENCE A section of Post on Rail Vehicle Fence is typically (b) (7)(E), with minor variations, and has up to (b) (7)(E). Repair by replacing the severed portion and welding an (b) (7)(E) to connect it to the post. An alternate repair is to (b) (7)(E)

(b) (7)(E) across the connection point on each face of the post. CLINs 0052 and 0053 refer to multiple cuts in the same or adjacent fence sections.

(CLIN 0055) FOUNDATION DAMAGE - Realign and stabilize post(s) that have been damaged. This will require compaction of the soil around the post, and may require additional support by placement of concrete, and may require additional fill material.

(CLIN 0056) FOUNDATION AND SECTION REPLACEMENT – Replace entire fence section including concrete foundation. Foundations are typically (b) (7)(E) wide.

(CLIN 0057- 0058) BOLLARD (CONCRETE FILLED) - Partial cuts will be repaired by welding steel plate(s) (b) (7)(E) thick across the cut face(s) or other approved means. Severed bollards will be repaired by replacing the severed portion and following the procedure for partial cut repairs.

(CLIN 0059-0063) NORMANDY - Partial cuts will be repaired by welding steel plate(s) (b) (7)(E) thick across the cut face(s) or other approved means. CLIN 0063 refers to multiple cuts in the same or adjacent fence sections.

(CLIN 0064-0066) MOBILIZATION/ DEMOBILIZATION. Payment for Mobilization/Demobilization: Compensation to the Contractor will be for a single round trip mobilization/demobilization of Contractor's personnel, equipment, supplies and incidentals for the performance of the work once per task. A task may include multiple quantities of a single CLIN and/or multiple CLINs.

(CLIN 0067) REMOVAL AND STORAGE OF FENCE PANELS At the direction of the COR, the Contractor shall remove the minimum number of fence or gate sections required to permit access as may be required for repair of infrastructure by the Contractor and/or by others, and shall be replaced or reinstalled to pre-existing or better condition. Fence Material Storage at Fabens Storage Yard. Removed fence sections that are to be reused, as approved by the COR, that cannot be stored at the repair site location shall be hauled to and from the Fabens Storage Yard. Storage at the Fabens Storage Yard shall be coordinated and approved by the COR prior to hauling to the site. Unit price for CLIN 0070 shall assume the removal and replacement of up to (b) (7)(E) (a maximum of (b) (7)(E) section).

(CLIN 0069) NEW MEXICO GROSS RECEIPTS TAX Any labor or materials for work performed in New Mexico are subject to the New Mexico Gross Receipts Tax (NMGRT). All vehicle fence repairs will be located in New Mexico. Approximately 10% of the pedestrian fence repairs are estimated to be located in the state of New Mexico. All pay requests for New Mexico Gross Receipts shall be accompanied with accurate back-up which shows actual tax incurred.

Distribution of Repairs by Type - Historically, almost all damage repairs have been on pedestrian fences, with less than 5% of damage repairs required on vehicle fences. All

vehicle fence types are located (b) (7)(E) All pedestrian
fence types run from a point approximately (b) (7)(E)
to approximately (b) (7)(E) The pedestrian fence consists primarily of
(b) (7)(E) but some fencing in the (b) (7)(E)
(b) (7)(E)
his area accounts for over 80% of the fence repairs.

APPENDIX A – List of Gates

Project	Description	Location	Coordinates		
			Northing	Easting	
(b) (7)(E)	1 Cantilever Gate (54' wide)	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
	2 Cantilever Gate (54' wide)				
	3 Cantilever Gate (54' wide)				
	4 Cantilever Gate (54' wide)				
	5 Sliding Gate (20' wide)				
	1 Vehicle Sliding Gate (20' wide)				
	2 Vehicle Sliding Gate (20' wide)				
	1 Vehicle Swing Gate (18' wide)				
	2 Vehicle Swing Gate (20' wide)				
	1 Vehicle Sliding Gate (24' wide)				
	1 Personnel Sliding Gate (5' wide)				
	2 Personnel Sliding Gate (5' wide)				
	3 Personnel Sliding Gate (5' wide)				
	4 Personnel Sliding Gate (5' wide)				
	5 Personnel Sliding Gate (5' wide)				
	6 Personnel Sliding Gate (5' wide)				
	7 Personnel Sliding Gate (5' wide)				
	8 Personnel Sliding Gate (5' wide)				
	9 Personnel Sliding Gate (5' wide)				
	10 Personnel Sliding Gate (5' wide)				
	11 Personnel Sliding Gate (5' wide)				
	12 Personnel Sliding Gate (5' wide)				
	13 Personnel Sliding Gate (5' wide)				
	14 Vehicle Sliding Gate (40' wide - 2-20' gates)				(b) (7)(E)
	15 Personnel Sliding Gate (5' wide)				
	16 Personnel Sliding Gate (5' wide)				
	17 Personnel Sliding Gate (5' wide)				
	18 Personnel Sliding Gate (5' wide)				
	19 Personnel Sliding Gate (5' wide)				
	20 Personnel Sliding Gate (5' wide)				
	21 Personnel Sliding Gate (5' wide)				
	22 Personnel Sliding Gate (5' wide)				
	23 Personnel Sliding Gate (5' wide)				
	24 Personnel Sliding Gate (5' wide)				
	25 Personnel Sliding Gate (5' wide)				
	26 Vehicle Sliding Gate (20' wide)				(b) (7)(E)
27 Personnel Sliding Gate (5' wide)					
28 Personnel Sliding Gate (5' wide)					
29 Personnel Sliding Gate (5' wide)					
30 Personnel Sliding Gate (5' wide)					
31 Personnel Sliding Gate (5' wide)					
32 Personnel Sliding Gate (5' wide)					
33 Vehicle Sliding Gate (20' wide)	(b) (7)(E)				
34 Personnel Sliding Gate (5' wide)					
35 Personnel Sliding Gate (5' wide)					
36 Personnel Sliding Gate (5' wide)					

	37	Personnel Sliding Gate (5' wide)			(b) (7)(E)
	38	Personnel Sliding Gate (5' wide)			
	39	Personnel Sliding Gate (5' wide)			
	40	Personnel Sliding Gate (5' wide)			
	41	Personnel Sliding Gate (5' wide)			
	42	Personnel Sliding Gate (5' wide)			
	43	Personnel Sliding Gate (5' wide)			
	44	Vehicle Sliding Gate (20' wide)			
	45	Personnel Sliding Gate (5' wide)			
	46	Personnel Sliding Gate (5' wide)			
	47	Personnel Sliding Gate (5' wide)			
	48	Vehicle Sliding Gate (20' wide)			
	49	Personnel Sliding Gate (5' wide)			
	50	Vehicle Sliding Gate (20' wide)			
(b) (7)(E)					
	1	Vehicle Sliding Gate (20' wide)			
	2	Vehicle Sliding Gate (20' wide)			
	3	Personnel Sliding Gate (5' wide)			
	1	Vehicle Sliding Gate (20' wide)			
	3	Personnel Sliding Gate (5' wide)			
	1	Vehicle Sliding Gate (20' wide)			(b) (7)(E)
	2	Vehicle Sliding Gate (20' wide)			
	3	Vehicle Sliding Gate (20' wide)			
	4	Vehicle Sliding Gate (20' wide)			
	5	Vehicle Sliding Gate (20' wide)			
	1	Levee Road (40' wide double leaf swing gate)			
	2	Vehicle Sliding Gate (20' wide)			
	3	Vehicle Sliding Gate (20' wide)			
	4	Vehicle Sliding Gate (20' wide)			
	5	Vehicle Sliding Gate (20' wide)			
	6	Personnel Sliding Gate (5' wide)			
	7	Vehicle Sliding Gate (20' wide)			
(b) (7)(E)					
	1	Vehicle Sliding Gate (20' wide)			
	2	Vehicle Sliding Gate (20' wide)			
	3	Vehicle Sliding Gate (20' wide)			
	4	Vehicle Sliding Gate (20' wide)			
	5	Vehicle Sliding Gate (20' wide)			
	6	Vehicle Sliding Gate (12' wide)			
	7	Vehicle Double Leaf Swing Gate (30' wide)			
	8	Vehicle Sliding Gate (26' wide)			
	9	Vehicle Sliding Gate (20' wide)			
	10	Vehicle Sliding Gate (20' wide)			
	11	Vehicle Sliding Gate (20' wide)			
	12	Vehicle Sliding Gate (20' wide)			

Operating, Maintenance, and Troubleshooting for Overhead Slide Gates



(b) (7)(E)



(b) (7)(E)

(b) (7)(E)

D. Troubleshooting

(b) (7)(E)

(b) (7)(E)

(b) (7)(E)



Appendix C
Slide Gate Parts List

APPENDIX D - Swing Gate Maintenance for El Paso Sector

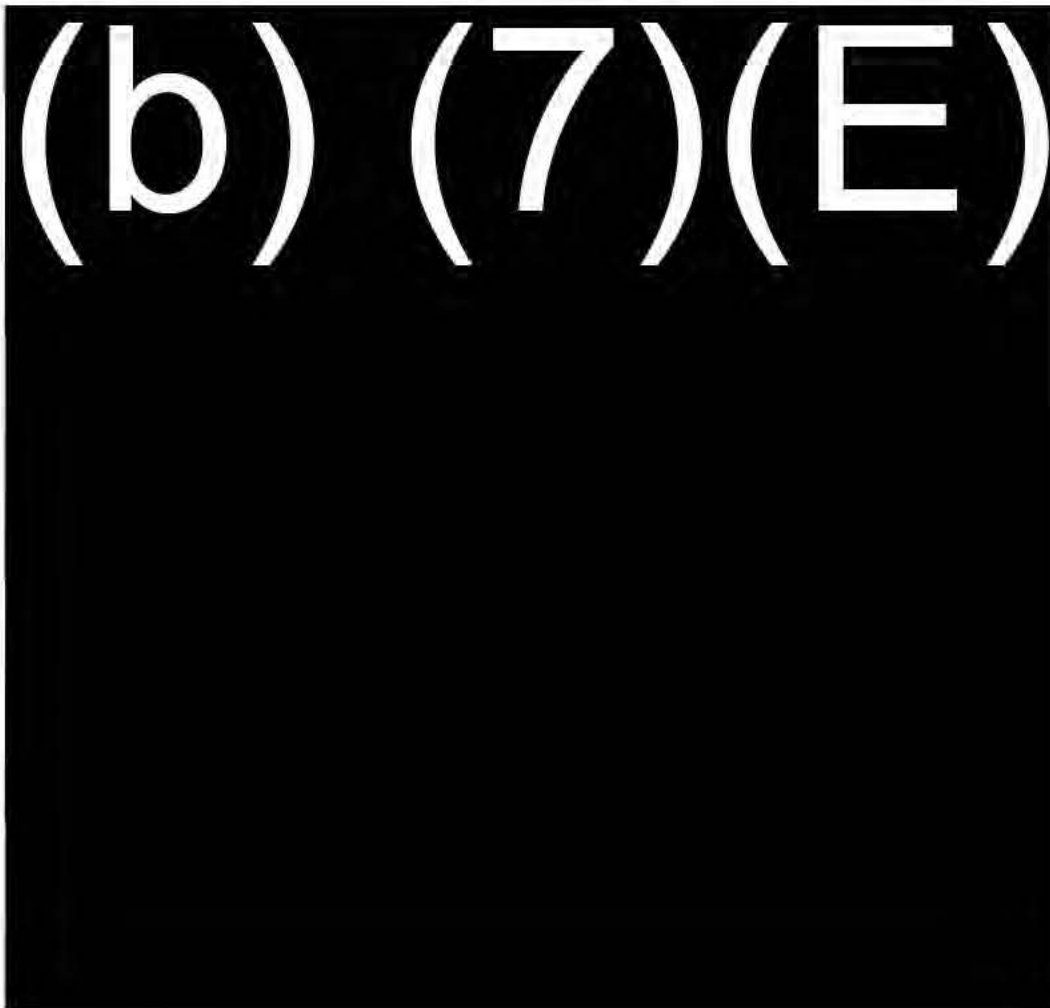
Operating, Maintenance, and Troubleshooting for Swing Gates

(b) (7)(E)

(b) (7)(E)

(b) (7)(E)

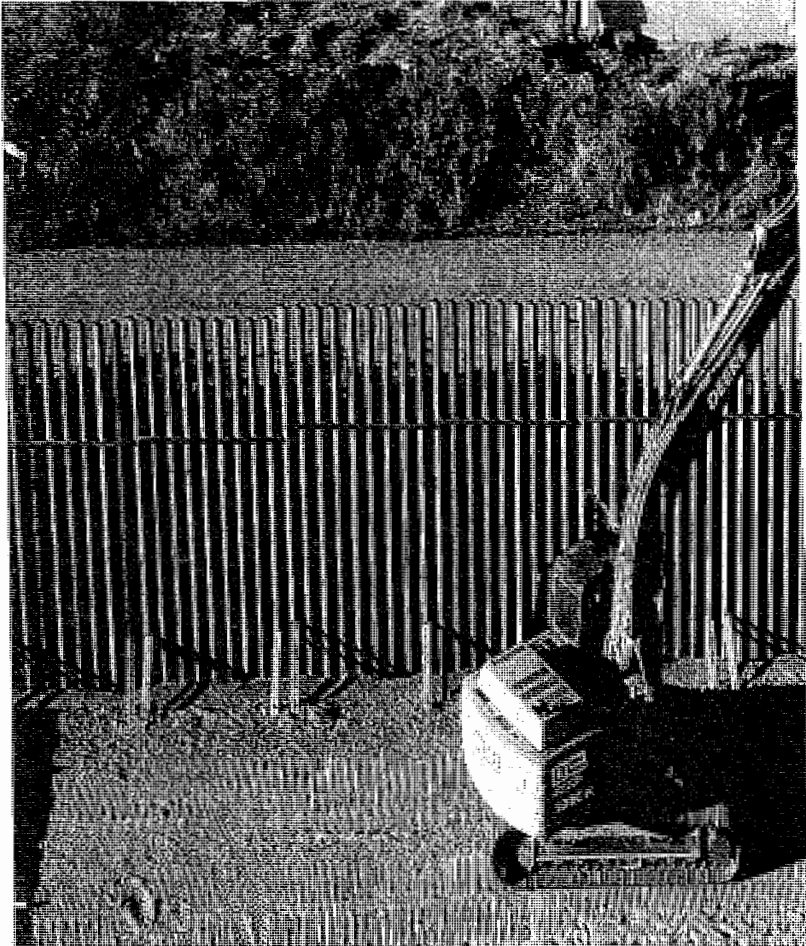
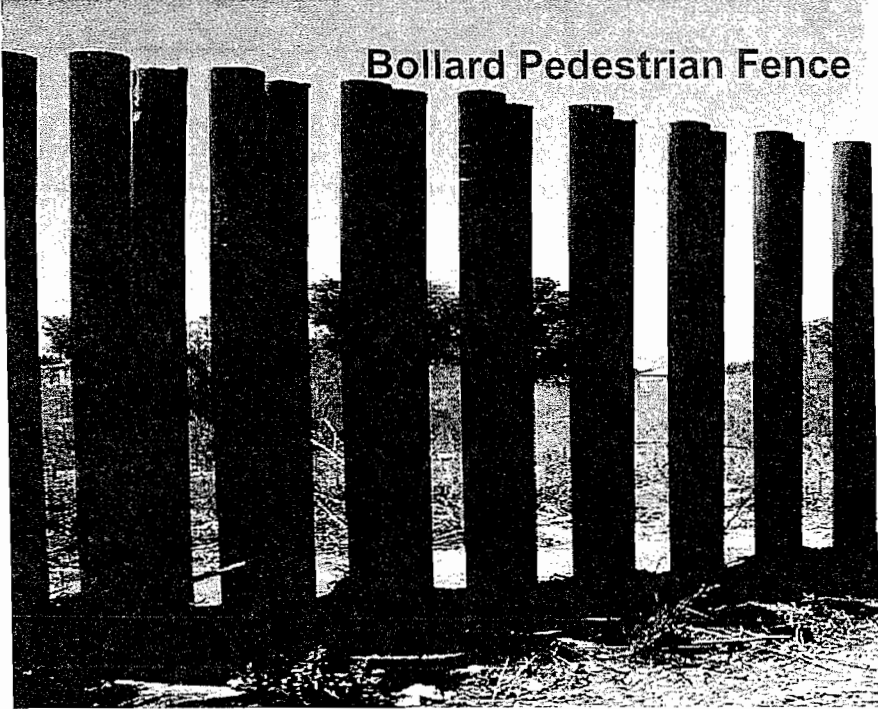
(b) (7)(E)



APPENDIX G - (b) (7)(E) Retro-Fit Manual Gate Operator REVISION

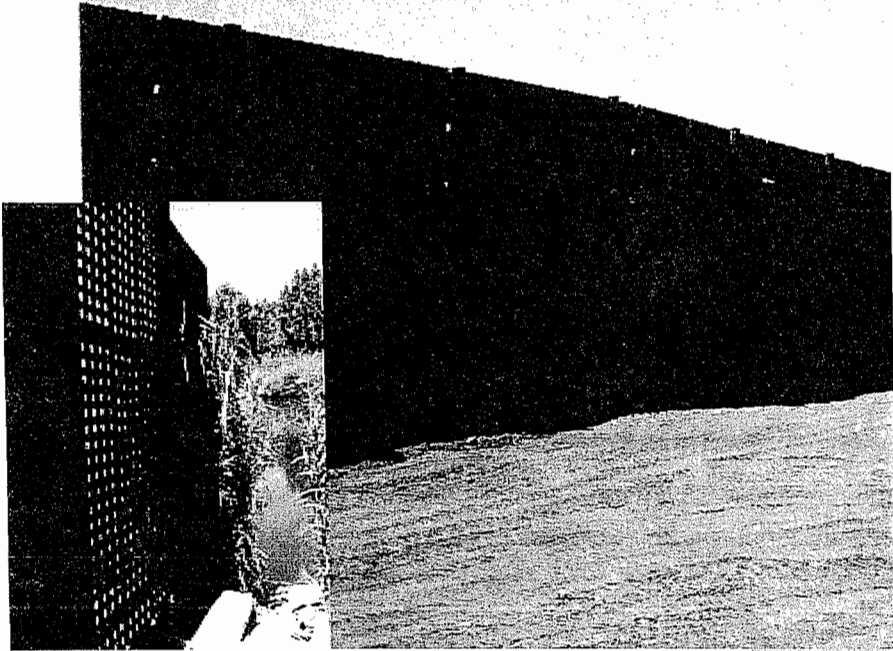
Please see PDF attachment.

APPENDIX H – Fence Type Photos

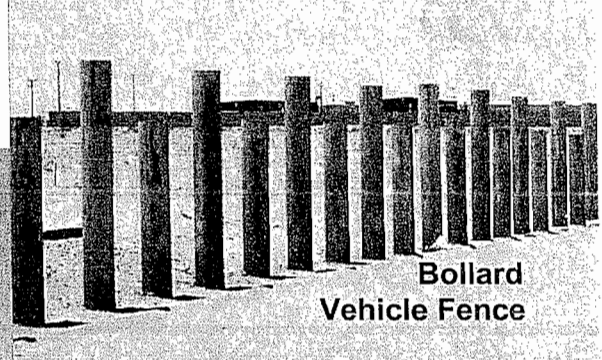


APPENDIX H – Fence Type Photos

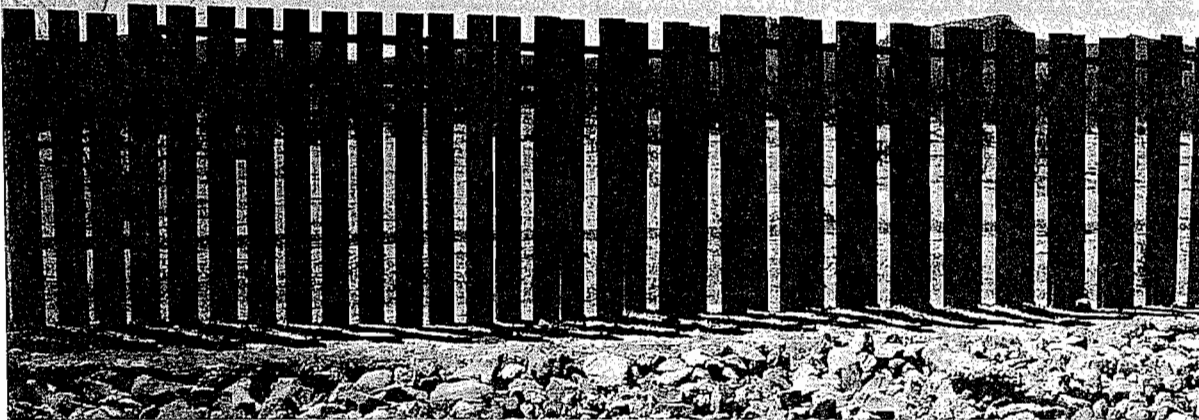
Landing MAT Pedestrian Fence



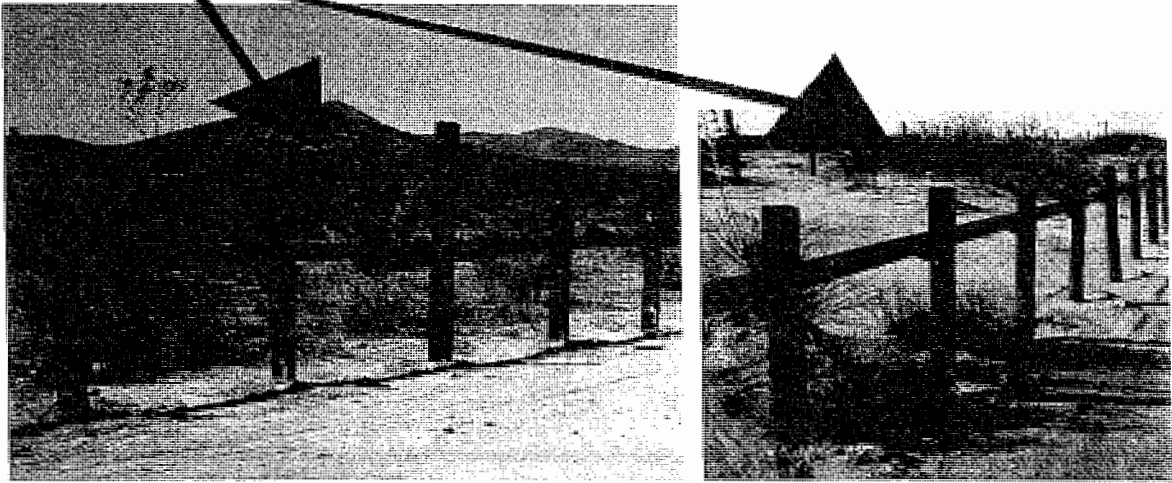
Bollard Vehicle Fence



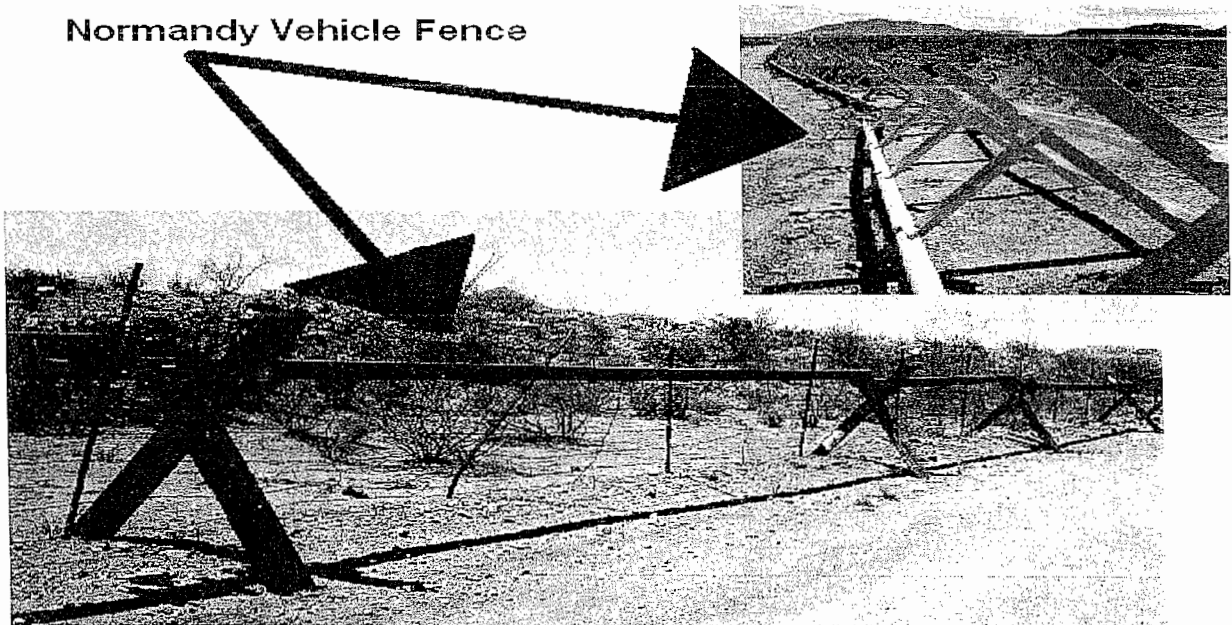
**Bollard
Vehicle Fence**



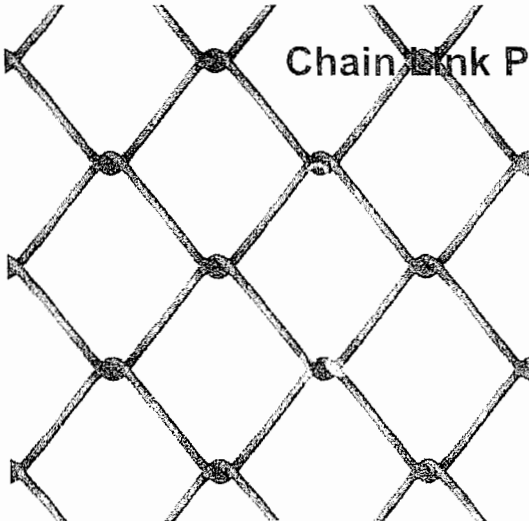
Post on Rail Vehicle Fence



Normandy Vehicle Fence



Chain Link Pedestrian Fence



APPENDIX I – MAPS

Please see PDF attachment.

----- End of Document -----

(b) (7)(E)



(b) (7)(E)



(b) (7)(E)

(b) (7)(E)

(b) (7)(E)

(b) (7)(E)

(b) (7)(E)

(b) (7)(E)

(b) (7)(E)

(b) (7)(E)

(b) (7)(E)

(b) (7)(E)

(b) (7)(E)

(b) (7)(E)

(b) (7)(E)

(b) (7)(E)

(b) (7)(E)

(b) (7)(E)

CLIN	DESCRIPTION	Unit of Measure	Estimated Qty (per 6 weeks)	Estimated Unit Price	Total Price
0001	Expanded Metal: Less than 5 SF	EA	(b) (5)	(5)	
0002	Expanded Metal: 5 SF to 20 SF	EA			
0003	Expanded Metal: 20 SF to Section Replacement	EA			
0004	Expanded Metal: Linear Cut(s)	EA			
0005	Expanded Metal Weld Repair (1-3 Welds) Less than 12 inches each	EA			
0006	Wire Mesh (Double Ply, 4 gauge): Less than 5 SF	EA			
0007	Wire Mesh (Double Ply, 4 gauge): 5SF to 20 SF	EA			
0008	Wire Mesh (Double Ply, 4 gauge): 20 Sf to Section Replacement	EA			
0009	Wire Mesh (Double Ply, 4 gauge): Linear Cut(s)	EA			
0010	Wire Mesh Detailed Bulge Repair (4 gauge)	EA			
0011	Wire Mesh Weld Repair (4 gauge)	EA			
0012	Bollard (Concrete Filled): Severed Bollard	EA			
0013	Bollard (Concrete Filled): Partial Cir	EA			
0014	Bollard (Concrete Filled): Spread Bollards	EA			
0015	Bollard (Concrete Filled): Anti-climbing Plate Damage	EA			
0016	Barbed Wire: Replace Single Strand Section	EA			
0017	Barbed Wire: Replace Two-Strand Section	EA			
0018	Barbed Wire: Replace Three-Strand Section	EA			
0019	Barbed Wire: Replace Support Arm	EA			
0020	Burrowing on Levee: Eacj	EA			
0021	Burrowing (other): Each	EA			
0022	Burrowing under Concrete Barriers	EA			
0023	Burrowing and Tension Wire Replacement	EA			
0024	Tension Wire Replacement	EA			
0025	Replace Tension Wire with Rebar	EA			
0026	Pedestrian fence foundation repair	EA			
0027	Pedestrian fences erosion backfill (w/in 8ft of foundation)	EA			
0028	Primary Chain Link 9 gauge: Less than 5 LF	EA			
0029	Primary Chain Link 9 gauge: 5 LF to Section Replacement	EA			
0030	Primary Chain Link 1-inch: Less than 5 LF	EA			
0031	Primary Chain Link 1-inch: 5 LF to Section Replacement	EA			
0032	Secondary Chain Link 9 gauge: Less than 5 LF	EA			
0033	Secondary Chain Link 9 gauge: 5 LF to section replacement	EA			
0034	Secondary Chain Link 6 gauge: Less than 5 LF	EA			
0035	Secondary Chain Link 6 gauge: 5 LF to section replacement	EA			
0036	Tertiary Chain Link 6 gauge: Less than 5 LF	EA			
0037	Tertiary Chain Link 6 gauge: 5 LF to section replacement	EA			
0038	Primary Pedestrian Bollard w/ Extension Gate	EA			
0039	Primary Pedestrian Bollard w Extension Gate Replacement	EA			
0040	Gate Maintenance (Lump Sum	LS			
0041	Gates: Repair Lock Box and/or associated Hardware	EA			
0042	Gates: Replace Truck Support Rods	EA			
0043	Gates: Replace Truck Assembly	EA			
0044	Gates: Replace Aluminum Track	EA			
0045	Gates: Replace Guide Wheels	EA			
0046	Gates: Replace Gate Bumpers	EA			
0047	Gates: Repair of Gate Framing	EA			
0048	Gates: Maintenance of STN Gate (LS)	LS			
0049	Gates: Repair or Replacement of broken or missing hardware	EA			
0050	Gates: Repair or Replacement of broken or missing hardware for STN ga	EA			
0051	Post and Rail (Concrete Filled): Severed Post (1)	EA			
0052	Post and Rail (Concrete Filled): Severed Post (2-3)	EA			
0053	Post and Rail (Concrete Filled): Severed Post (4-5)	EA			
0054	Post and Rail (Concrete Filled): Severed Rail	EA			
0055	Post and Rail (Concrete Filled) Foundation Damage	EA			
0056	Post and Rail (Concrete Filled) Foundation Damage	EA			
0057	Bollard (Concrete Filled Post): Severed Bollard	EA			
0058	Bollard (Concrete Filled Post): Partial Cut	EA			
0059	Normandy: Partial Cut (1)	EA			
0060	Normandy: Partial Cuts (2-3)	EA			
0061	Normandy: Section Replacement	EA			

0062	Normandy: Section Realignment	EA
0063	Normandy (1-2 Welds): Less than 48 inches each	EA
0064	Within El Paso and Ysleta Stations	EA
0065	Within Santa Teresa and Fabens Stations	EA
0066	Any Station Beyond Area of Clin 0065	EA
0067	Removal and Storage of Fence Panels	EA
0068	Bond Premium	LS
0069	New Mexico Gross Receipts Tax	

(b) (5)

\$ 132,479.00

El Paso Fence Maintenance

CLIN	DESCRIPTION	Unit of Measure	Estimated Qty (per month)	Estimated Qty (8 wks)	Estimated Qty (6 weeks)	Est Qty (per month)	Estimated Unit Price	Estimated Quantity	Cost	Estimated Quantity Used (14FEB12)	Estimated Quantity Used (14MAR12)	Estimated Quantity Used (14APR12)	Estimated Quantity Used (14MAY12)	Estimated Quantity Used (14JUN12)	Estimated Quantity Used (14JUL12)	Estimated Quantity Used (14AUG12)	Estimated Quantity Used (14SEP12)	Estimated Quantity Used (14OCT12)	Estimated Quantity Used (14NOV12)	Expensed (jobs for contract)	Burn Rate	
0001	Expanded Metal Less than 5 SF	EA																				
0002	Expanded Metal 5 SF to 25 SF	EA																				
0003	Expanded Metal 25 SF to Section Replacement	EA																				
0004	Expanded Metal Linear Cuts	EA																				
0005	Expanded Metal Weld Repair (1-3 Welds) Less than 12 inches each	EA																				
0006	Wire Mesh (Double Ply, 4 gauge) Less than 5 SF	EA																				
0007	Wire Mesh (Double Ply, 4 gauge) 5SF to 20 SF	EA																				
0008	Wire Mesh (Double Ply, 4 gauge) 20 SF to Section Replacement	EA																				
0009	Wire Mesh (Double Ply, 4 gauge) L near Cuts	EA																				
0010	Wire Mesh (Double Ply, 4 gauge) Repair 4 gauge	EA																				
0011	Wire Mesh Weld Repair (4 gauge)	EA																				
0012	Bolard (Concrete Filled) Severed Bolard	EA																				
0013	Bolard (Concrete Filled) Partial Cut	EA																				
0014	Bolard (Concrete Filled) Spread Bolards	EA																				
0015	Bolard (Concrete Filled) Anti-climbing Plate Damage	EA																				
0016	Barbed Wire Replace Single Strand Section	EA																				
0017	Barbed Wire Replace Two-Strand Section	EA																				
0018	Barbed Wire Replace Three-Strand Section	EA																				
0019	Barbed Wire Replace Support Arm	EA																				
0020	Burrowing on Levee Edge	EA																				
0021	Burrowing (other) Each	EA																				
0022	Burrowing under Concrete Barriers	EA																				
0023	Burrowing and Tension Wire Replacement	EA																				
0024	Tension Wire Replacement	EA																				
0025	Replace Tension Wire with Rebar	EA																				
0026	Pedestrian Fence Foundation Repair	EA																				
0027	Repair of Fence Post on Occult (with BT of Foundation)	EA																				
0028	Primary Chain Link 5 gauge Less than 5 LF	EA																				
0029	Primary Chain Link 5 gauge 5 LF to Section Replacement	EA																				
0030	Primary Chain Link 1-inch Less than 5 LF	EA																				
0031	Primary Chain Link 1-inch 5 LF to Section Replacement	EA																				
0032	Secondary Chain Link 5 gauge Less than 5 LF	EA																				
0033	Secondary Chain Link 5 gauge 5 LF to section replacement	EA																				
0034	Secondary Chain Link 5 gauge Less than 5 LF	EA																				
0035	Secondary Chain Link 5 gauge 5 LF to section replacement	EA																				
0036	Tertiary Chain Link 5 gauge Less than 5 LF	EA																				
0037	Tertiary Chain Link 5 gauge 5 LF to section replacement	EA																				
0038	Primary Pedestrian Bolard w/ Extension Gate	EA																				
0039	Primary Pedestrian Bolard w/ Extension Gate Replacement	EA																				
0040	Gates Maintenance Lump Sum	LS																				
0041	Gates Repair Lock Box and/or associated Hardware	EA																				
0042	Gates Replace Truck Support Rods	EA																				
0043	Gates Replace Track Assembly	EA																				
0044	Gates Replace Aluminum Track	EA																				
0045	Gates Replace Guide Wheels	EA																				
0046	Gates Replace Gate Bumpers	EA																				
0047	Gates Repair of Gate Framing	EA																				
0048	Gates Maintenance of STM Gate (LS)	LS																				
0049	Gates Repair or Replacement of broken or missing hardware	EA																				
0050	Gates Repair or Replacement of broken or missing hardware for STM	EA																				
0051	Post and Rail (Concrete Filled) Severed Post (1)	EA																				
0052	Post and Rail (Concrete Filled) Severed Post (2-3)	EA																				
0053	Post and Rail (Concrete Filled) Severed Post (4-5)	EA																				
0054	Post and Rail (Concrete Filled) Severed Rail	EA																				
0055	Post and Rail (Concrete Filled) Foundation Damage	EA																				
0056	Post and Rail (Concrete Filled) Severed Bolard	EA																				
0058	Bolard (Concrete Filled Post) Partial Cut	EA																				
0059	Normandy Partial Cut (1)	EA																				
0060	Normandy Partial Cut (2-3)	EA																				
0061	Normandy Section Replacement	EA																				
0062	Normandy Section Resalvment	EA																				
0063	Normandy (1-2 Welds) Less than 48 inches each	EA																				
0064	With in El Paso and Ysleta Stations	EA																				
0065	Within Santa Teresa and Fabens Stations	EA																				
0066	Any Station Beyond Area of City Limits	EA																				
0067	Removal and Storage of Fence Panels	EA																				
0068	Bond Premium	LS																				
0069	New Mexico Gross Receipts Tax	LS																				

(b) (5)

Note: (b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Subject: FW: Funds Request, EPT Fencing Extension
Date: Tuesday, March 19, 2013 2:34:13 PM

(b) (6), (b) (7)(C)

If you would, can we ask (b) (6), (b) (7) to approved the following request....

Thanks.

(b) (6), (b) (7)(C), CBM, PMP
Division Director, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
1301 Constitution Ave. NW, Suite B-155
Washington, DC 20004
Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)
Sent: Tuesday, March 19, 2013 2:19 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Funds Request, EPT Fencing Extension

That was for the extension thru 31 March. This will provide for an extension to 31 May in case it's needed. (b) (5), (b)(6); (b)(7)(C)

(b) (6), (b) (7)(C), PE, PMP
Program Manager
LMI
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
*"Excel as a trusted strategic partner enhancing
Border Patrol's proud legacy"*

From: (b) (6), (b) (7)(C)
Sent: Tuesday, March 19, 2013 12:37 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Funds Request, EPT Fencing Extension
Importance: High

I have one for (b) (5) for ELP Gap Filler. (b) (5)

(b) (6), (b) (7)(C), CBM, PMP
Division Director, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
1301 Constitution Ave. NW, Suite B-155
Washington, DC 20004
Office: **(b) (6), (b) (7)(C)**
Cell: **(b) (6), (b) (7)(C)**
(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: **(b) (6), (b) (7)(C)**
Sent: Tuesday, March 19, 2013 10:23 AM
To: **(b) (6), (b) (7)(C)**
Cc: **(b) (6), (b) (7)(C)**
Subject: FW: Funds Request, EPT Fencing Extension

(b) (6), (b) (7)(C)

(b) (5)

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), PE, PMP
Program Manager
LMI
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: **(b) (6), (b) (7)(C)**
Mobile: **(b) (6), (b) (7)(C)**
*"Excel as a trusted strategic partner enhancing
Border Patrol's proud legacy"*

From: **(b) (6), (b) (7)(C)**
Sent: Friday, March 15, 2013 10:50 AM
To: **(b) (6), (b) (7)(C)**
Subject: FW: Funds Request, EPT Fencing Extension

(b) (6), (b) (7)(C)

(b) (5), (b)(6);(b)(7)(C)

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), PE, PMP
Program Manager
LMI
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: **(b) (6), (b) (7)(C)**
Mobile: **(b) (6), (b) (7)(C)**
*"Excel as a trusted strategic partner enhancing
Border Patrol's proud legacy"*

From: (b) (6), (b) (7)(C)
Sent: Friday, March 15, 2013 10:32 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Funds Request, EPT Fencing Extension

(b) (6), (b) (7)(C)

This will have to go through the same drill of getting approval through (b) (6), (b) (7)(C) or equivalent. This one wasn't included on the first round of approvals.

Thanks,

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Contracting Officer

US Customs and Border Protection/DHS

Facilities, Financial & Acquisition & Procurement Contracting Branch

Phone: (b) (6), (b) (7)(C)

Fax: (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Friday, March 15, 2013 10:19 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: FW: Funds Request, EPT Fencing Extension

(b) (6), (b) (7)(C)

Attached is a spreadsheet of changed quantities/costs for the extension from 1 April thru 31 May, amounting to (b) (5). Please let me know if you need anything additional to support this action. Thanks for the help!

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), PE, PMP
Program Manager
LMI
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
*"Excel as a trusted strategic partner enhancing
Border Patrol's proud legacy"*

From: (b) (6), (b) (7)(C)
Sent: Thursday, March 14, 2013 8:53 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Re: Funds Request, EPT Fencing Extension

Approved. Thank you...

From: (b) (6), (b) (7)(C)
Sent: Thursday, March 14, 2013 08:30 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: FW: Funds Request, EPT Fencing Extension

Hello (b) (6), (b) (7)(C)

The attached funds request is ready for your review and approval.



Thank you!

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Thursday, March 14, 2013 1:00 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Funds Request, EPT Fencing Extension

(b) (6), (b) (7)(C)

Please process the attached funds request. It needs to go to (b) (6), (b) (7)(C). Thanks!

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), PE, PMP
Program Manager
LMI
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
*"Excel as a trusted strategic partner enhancing
Border Patrol's proud legacy"*

Weekly Tactical Infrastructure Call

	FM&E TI Projects PM	Email Address	FM&E TI M&R PM	Email Address
Rio Grande Valley Sector	(b) (6), (b) (7)(C)	(b) (6), (b) (7)(C)	(b) (6), (b) (7)(C)	(b) (6), (b) (7)(C)
Laredo Sector	(b) (6), (b) (7)(C)	(b) (6), (b) (7)(C)	(b) (6), (b) (7)(C)	(b) (6), (b) (7)(C)
Del Rio Sector	(b) (6), (b) (7)(C)	(b) (6), (b) (7)(C)	(b) (6), (b) (7)(C)	(b) (6), (b) (7)(C)
Big Bend Sector	(b) (6), (b) (7)(C)	(b) (6), (b) (7)(C)	(b) (6), (b) (7)(C)	(b) (6), (b) (7)(C)
El Paso Sector	(b) (6), (b) (7)(C)	(b) (6), (b) (7)(C)	(b) (6), (b) (7)(C)	(b) (6), (b) (7)(C)
Tucson Sector	(b) (6), (b) (7)(C)	(b) (6), (b) (7)(C) (b) (6), (b) (7)(C)	(b) (6), (b) (7)(C)	(b) (6), (b) (7)(C)
Yuma Sector	(b) (6), (b) (7)(C)	(b) (6), (b) (7)(C)	(b) (6), (b) (7)(C)	(b) (6), (b) (7)(C)
El Centro Sector	(b) (6), (b) (7)(C)	(b) (6), (b) (7)(C)	(b) (6), (b) (7)(C)	(b) (6), (b) (7)(C)
San Diego Sector	(b) (6), (b) (7)(C)	(b) (6), (b) (7)(C)	(b) (6), (b) (7)(C)	(b) (6), (b) (7)(C)

Rio Grande Valley Sector								
Project/Activity Name	FM&E Number	CBP PM	Service Provider	Service Provider PM	Comments 1/9	Actions Required 1/9	Comments 1/2	Actions Required 1/2
TI Projects								
"Fence Gates Phase I" - Rio Grande Valley_RGV Fence Gates	(b) (7)(E)	(b) (6), (b) (7)(E)	USACE	(b) (6), (b) (7)(E)	RE for the remaining gates (b) (7)(E) gate locations where alternate access routes are in questions. Do not want to delay Westin. A call is scheduled for 1/9 to discuss the alternate accesses. Design for (b) (7)(E) was received, review comments have been accepted and USACE has accepted revised drawings as of 1/8. remaining gates for (b) (7)(E) designs to be submitted 1/26. AEP is behind schedule in installing electrical in (b) (7)(E) May have to test the gates with emergency generates since the electrical is not complete. CR for REA has been approved, and will extend POP until 6/2013		Contractor worked the day after Christmas, expected to return to work today. USACE continues to work with power company. Having difficulty with AEP because of the lack of resources. IPT call 1/3 to discuss alternative access routes, CR for the REA has been approved in FITT.	

TI M&R Projects								
	Fence/Gates		(b)(6); (b)(7)(C)		Rained out		Inspection on (b)(7)(E) e ins as well as the caps has been completed	

El Paso Sector									
	Project/Activity Name	FM&E Number	CBP PM	Service Provider	Service Provider PM	Comments 1/9	Actions Required 1/9	Comments 1/2	Actions Required 1/2
TI Projects									

M&R Projects								
	Legacy Fence Foundations Repairs		(b) (6), (b) (7)(C)		no update		Talked to (b) (6), (b) (7)(C) who reached out to USACE to discuss the repair solutions.	

Tucson Sector

	Project/Activity Name	FM&E Number	CBP PM	Service Provider	Service Provider PM	Comments 1/9	Actions Required 1/9	Comments 1/2	Actions Required 1/2
TI Projects									
	(b)(7)(E) Primary Fence Replacement Phase 3" (b)(7)(E) TCA (b)(7)(E) Primary Fence Replacement, Phase 3	(b)(7)(E)	(b)(6), (b)(7)(C)	USACE	(b)(6), (b)(7)(C)	Teflon sheets were delivered 1/8 install scheduled for 1/10 and will take 2 day to complete. This will complete all the punch list items		Teflon sheet to be installed today 1/2- information provided by Granite.	
	Naco fence replacement					Project planning meeting planned for 1/10 at site visit meeting.		Site visit to take place next week Jan 10th. Sector not sure if the site visit has been routed yet. Wanted to bring the most up to date PRD on the site visit and cross walk requirements. (b)(6), (b)(7)(C) to send PRD	(b)(6), (b)(7)(C) to provided (b)(7)(E) Fence PRD to sector

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Weekly Report - 21 Feb (b) (6)
Date: Thursday, February 21, 2013 5:24:08 PM

(b) (6), (b) (7)

Changes from the last update are in red.

Hot Issues

- RGV Gates
 - Updated schedule received 20 Jan from Weston/USACE
 - Pier drilling and pier caps complete on (b)(7)(E) gates in (b)(7)(E) and should be complete at all gates by the end of this week. Superstructure work in (b)(7)(E) proceeds as fabrication allows. Gate panels are on site at (b)(7)(E)
 - Access cure during gate closures – As a result of our IPT discussion on 30 Jan, the ramp RFP will proceed as preferable to the IBWC permit.
 - RE working on possession of fee under levee for (b)(7)(E) thru (b)(7)(E) for alternate access
 - Key remaining alternate access issues are at (b)(7)(E)
 - (b)(7)(E) – Ramp needed at (b)(7)(E) gate only.
 - (b)(7)(E) – Ramps needed at both gates
 - Weston is revising ramp plan based on need at (b)(7)(E) gates.
 - Gate Closure Communications
 - BOD has message on HOTLINE advising of new schedule, and is providing updates.
 - Working on notification letters to landowners from (b)(7)(E)
 1. Completed (b)(7)(E) Working on (b)(7)(E)
 - Landowner training
 - Sector training held for the Station trainers on 11/12 Dec.
 - Documents will be final this week.
 - Design Package #3
 - Received 95% designs for 8 gates in Hidalgo County (b)(7)(E)
 - Plan in hand site visit held 7/8 Feb.
 - Revised plans sent by Weston on 20 Feb for review.
 - Warranty Management Plan & O&M Manual Section 2
 - Review comments provided 8 Feb
 - IBWC coordination
 - Facilitated meeting with IBWC to discuss their approval of Design Packages #1 and #2. (b) (6), (b) (7)(C) arranged the meeting.
 - Provided real estate information they requested for (b)(7)(E) on 1 Feb.
 - Waiting on IBWC update on (b)(7)(E) Levee Rehab award.
 - (b) (6), (b) (7)(C) sent note on 20 Feb asking for an update.

Major Efforts

- Renewal Contracts – Round IV
 - Twelve contracts awarded. No more contracts are to be awarded (YUM Veg/Debris is on hold).
 - El Paso Fence – last option will expire 8 Jan

- Yuma Fence – last option will expire 24 Jan
 - Tucson Fence – last option will expire 24 Jan
 - Yuma Roads – last option will expire 22 Jan
 - Tucson Roads – last option will expire 30 Jan
 - El Paso Roads – last option will expire 30 Jan
 - Tucson Veg/Debris – last option will expire 21 May
 - Yuma Lighting – last option will expire 3 May
 - El Paso Lighting – last option will expire 4 May
 - BBT Roads – last option will expire 26 Mar.
 - EPT Veg/Deb – first option has been exercised, good thru 11 Apr
- ECSO provided ROM estimate for WA #1, #2, #3, for new TI M&R contracts.
 - Also provided estimate for extensions, if approved by their CO.
 - Decision issued 9 Nov – no extensions allowed.
 - Standing down on using ECSO for gap filler for WA#1.
 - \$120K transferred to ECSO 29 Nov to cover PM to get contracts awarded.
 - EPT and TCA Fence were identified as top priority needs, with TCA and EPT Roads next, and BBT Roads/Veg/Debris next.
 - Also working with (b) (6), (b) (7)(C) on TCA Gate Opening contract extension and TCA Lighting reprocurement.
 - Gate opening contract will be extended effective 17 Feb, for 3 months thru mid-May 2013.
 - (b) (6), (b) (7)(C) will work new lighting contract thru Sector procurement.
 - YUM M&R coverage
 - Fence will be done in-house until CTIMR
 - Roads will be done in-house and with small contract thru CBP Procurement
 - Gap filler roads/veg/debris contract being developed by (b) (6), (b) (7) – under \$ (b) (5)
 - 45 day gap filler packages sent to (b) (6), (b) (7)(C) for review for TCA and EPT Fencing.
 - EPT Fencing contract awarded to Cerrudo 19 Dec for \$142,518.98, from 9 Jan – 23 Feb 2013.
 - Extension being worked by (b) (6), (b) (7)(C) (b) (6), (b) (7)(C) prepared funds request for additional \$ (b) (5) to cover extension thru 31 March.
 - TCA Fencing PO issued to Capers in the amount of \$82,243.36 on 3 Jan 2013.
 - Request for TCA extension sent 11 Feb. (b) (5)
- Working on budget and estimated quantities for EPT & TCA Fence and Roads contracts with (b) (6), (b) (7)(C), ECSO.
 - Baseline schedule showed NTP of 11 Mar 2013 for all four contracts.
 - Schedule update on 20 Feb (unofficial) shows NTP's as follows;
 - TCA Fence – 19 April
 - TCA Roads – 27 March
 - EPT Fence – 19 April
 - EPT Roads – 19 April
 - BBT Roads – 24 April
 - Delays were attributable to changes in some RFP packages and contracting reviews comment resolution.
 - Funds provided 8 Jan for \$2,118K for 4 contracts.
 - ECSO reviewing need for PgM and Const O/S funding and will provide adjusted estimates.

- ECSO agreed to provide Const O/S support for CBP gap filler fencing contracts, and requested \$ (b) (5) on 2 Jan. Funds approved by (b) (6), (b) (7) and provided to ECSO.
- Tactical Infrastructure Condition Index Working Group
 - Sent OBP email – full time working group support not needed. Will call (b) (6), (b) (7) for feedback.
 - Will begin planning for first meeting.

Good News

Concerns

- (b)(7)(E) Bridge – Security Requirements
 - (b) (5), (b)(6);(b)(7)(C)
 - (b) (6), (b) (7)(C) from OFO HQ called on 22 Jan to get update on (b)(7)(E) He's involved with UP settlement funding. (b) (5), (b)(6);(b)(7)(C)
 - Reached out to CC counsel on easement outgrant 28 Jan due to slow progress. Waiting response, (b) (5)
 - Provided support to BOD for meeting with Congressional staffs held on 15 Feb.
 - Advised by BOD that CC is still applying to the state for funding.
 - Span across Rio Grande has been installed, with fencing to deter pedestrian traffic.
 - Completion of (b)(7)(E) project is on hold, per County's construction manager.
 - Real estate acquisition is now complete.
 - (b) (5)
 - (b) (5)
 - Sent CCRMA email offering swing gate option 7 Dec.
- (b)(7)(E) Boat Ramp
 - (b) (6), (b) (7)(C) is the PM, so I will only report on my engineering support from this point forward.
 - (b) (5), (b)(6); (b)(7)(C)
 - Provided (b) (6), (b) (7)(C) with survey requirements for river bottom topography 29 Jan.
 - (b) (6), (b) (7)(C) advised that survey costs will be about double previous ECSO estimate. He will work up CR.
- RGV (b)(7)(E) Highway – Fence Relocation
 - Confirmed funding available from TxDOT & CCRMA bonds; final estimate not developed yet
 - Coordination w/IBWC will start once TxDOT approves draft EA

- CC engineer sent latest schedule & draft EA 8 Mar
 - Forwarded EA to (b) (6), (b) (7)(C) 2 Apr.
 - Received maps from CC engineer 25 Jun.
 - Latest schedule received from TXDOT 28 Jan 2013. No change in contract letting date of Dec 2013. CCRMA is still working EA & BA.
- IBWC Riverside MOA & design
 - Response to BPFTI comments received
 - Some items will need to be funded by BPFTI
 - Draft MOA submitted to IBWC 15 June for review.
 - Received IBWC comments and sent CBP comments to them on 22 Oct.
 - Working IAA for guard rail and security grating over valve vault
 - USACE will initiate design – tasked to them 14 Sep.
 - Requested update 16 Oct.
 - Will contract separately from IBWC, so no IAA will be required.
- Grate Raising Winches (b)(7)(E) RGV
 - Legal advised that O&M was correct funds source. Drafted PRD
 - RE input received; requested RE and ECSO cost/schedule info 18 Oct
 - ECSO continues to have trouble getting in-house engineering support.
 - ECSO PM provided estimate on 20 Jun. Will request updated estimate e to cover (b)(7)(E) grate as well.
 - Discussed with (b) (6), (b) (7)(C) turning over PM duties for this PRD, 12 Dec. I will be engineering support
- (b)(7)(E) Grates – vegetation accumulations are resulting in high maintenance and need to raise grates and hold them open.
 - Current Hidalgo County design does not allow for holding grates open, and makes lifting grates difficult and possibly a safety concern for inexperienced workers.
 - Received test data from (b) (6), (b) (7)(C) & (b) (6), (b) (7)(C) on pins for pinning proposal 15 Oct.
 - Currently evaluating data.
 - (b) (5)
 - I'll discuss with (b) (6), (b) (7)(C) whether she wants to initiate a study.
- CTIMR Support – Area 4
 - RGV - providing technical support for (b) (6), (b) (7)(C) on unsuitable caliche for levee maintenance, on (b)(7)(E) maintenance scope, and on lifting system for (b)(7)(E) grates.
 - Working to establish standard specification for caliche.
 - Collecting sample caliche specs & discussing issues with local supplier's engineer.
 - Need to finalize standard for drag roads; need to reconfirm Sector requirement for width (b) (6), (b) (7)(C) and get (b) (6), (b) (7)(C) final review.
 - RGV Access Road M&R
 - Visited Sector and site with Primus & (b) (6), (b) (7)(C) & (b) (6), (b) (7)(C).
 - Prepared recommendations for M&R for CWP#2 access roads.
 - Discussions held 12 Oct with (b) (6), (b) (7)(C) to finalize task descriptions for access roads
 - Received Primus recommendations for road M&R categories for future classification of M&R.
 - (b) (5), (b) (7)(E)
 - Worked with (b) (6), (b) (7)(C) to clarify standards for cross slopes and aggregate

thickness calculations

Deliverables

- RGV Gates IPT minutes & agenda

(b) (6), (b) (7)

(b) (6), (b) (7)(C), PE, PMP

Program Manager

LMI

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

"Excel as a trusted strategic partner enhancing

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Re: URGENT: EPT Fencing Extension
Date: Tuesday, March 26, 2013 6:14:42 PM
Importance: High

Agree we need to talk to ensure we're on same page. (b) (5)
[Redacted]

(b) (5) ...please confirm.

(b) (6), (b) (7)(C)

Sent from my Blackberry, please excuse any typographical errors

From: (b) (6), (b) (7)(C)
Sent: Tuesday, March 26, 2013 05:56 PM Eastern Standard Time
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Re: URGENT: EPT Fencing Extension

(b) (5)

Let's get everyone together to discuss..

Thanks...

From: (b) (6), (b) (7)(C)
Sent: Tuesday, March 26, 2013 05:49 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: URGENT: EPT Fencing Extension

(b) (6), (b) (7)(C)

Thru 25 March, we have expensed \$206,198.25 out of \$277,912.08 on the contract. We have over \$71K left

(b) (5), (b)(6);(b)(7)(C)

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), PE, PMP
Program Manager
LMI
Border Patrol Facilities and Tactical Infrastructure

Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
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From: (b) (6), (b) (7)(C)
Sent: Tuesday, March 26, 2013 4:54 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: URGENT: EPT Fencing Extension

(b) (6), (b) (7)
(b) (5), (b)(6); (b)(7)(C)

(b) (5) [We need that ASAP since the contract expires on 31 March. Thanks for the help.](#)

(b) (6), (b) (7)

(b) (6), (b) (7)(C), PE, PMP
Program Manager
LMI
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
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From: (b) (6), (b) (7)(C)
Sent: Tuesday, March 26, 2013 4:40 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Funds Request, EPT Fencing Extension

(b) (6), (b) (7)

[We can't do any actions without prior approval.](#) (b) (5)

Thanks,
(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Contracting Officer

US Customs and Border Protection/DHS

Facilities, Financial & Acquisition & Procurement Contracting Branch

Phone: (b) (6), (b) (7)(C)

Fax: (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Tuesday, March 26, 2013 4:37 PM

To: (b) (6), (b) (7)(C)

Subject: RE: Funds Request, EPT Fencing Extension

(b) (6), (b) (7)(C)

We're still trying to get funding approval for the (b) (5). (b) (5)

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), PE, PMP

Program Manager

LMI

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)

Sent: Friday, March 15, 2013 10:19 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: FW: Funds Request, EPT Fencing Extension

(b) (6), (b) (7)(C)

Attached is a spreadsheet of changed quantities/costs for the extension from 1 April thru 31 May, amounting to (b) (5). Please let me know if you need anything additional to support this action. Thanks for the help!

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), PE, PMP

Program Manager

LMI

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)

Sent: Thursday, March 14, 2013 8:53 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: Re: Funds Request, EPT Fencing Extension

Approved. Thank you...

From: (b) (6), (b) (7)(C)

Sent: Thursday, March 14, 2013 08:30 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: FW: Funds Request, EPT Fencing Extension

Hello (b) (6), (b) (7)(C)

The attached funds request is ready for your review and approval.

☺

Thank you!

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Thursday, March 14, 2013 1:00 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: Funds Request, EPT Fencing Extension

(b) (6), (b) (7)(C)

Please process the attached funds request. It needs to go to (b) (6), (b) (7)(C). Thanks!

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), PE, PMP

Program Manager

LMI

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: O-123 -- Background RE Documents
Date: Monday, November 14, 2016 12:19:07 PM
Attachments: [8 May Brief V 1 1.ppt](#)
[DRAFT-O-1,2,3 Detail Brief.11-29-12.ppt](#)
[O-1,2,3 Letter fm IBWC 15Feb12.pdf](#)
[O-1,2,3 Gantt Charts 04Apr13.pdf](#)
[O-1,2,3 MFR & Map Exhibits 01Aug12.pdf](#)
[RGV SPC 2013 Issue Paper - RGV Redefine PF 225 Fence Requirements for O-.pdf](#)
[PRD Budget Estimate 2012 V5 032512 RE Markup JR.xlsx](#)
[O1-3 Draft PRD 32513.docx](#)
Importance: High

Good afternoon (b) (6), (b) (7)(C)

As promised, attached are the key background documents I have regarding O-123.

1. 5/8/13 – DRAFT power point, I don't have the final version; slide #6 is the real estate snapshot.
2. 11/29/12 – Power Point, also a DRAFT; it is a more detailed representation of issues raised in the RE Planning Report (REPR).
3. 2/15/12 – Letter from IBWC approving the new fence swath realignment.
4. 3/25/12 – Projected schedule for each segment
5. 8/1/12 – MFR regarding OBP's priority re fence *{I believe this was superseded by the 10/11/13 Issue Paper}*
6. 10/11/13 – RGV issue paper re no more O-123 fence requirement
7. 3/25/12 – RE Budget Estimate, basis cost est. for PRD (Excel Spreadsheet), approx. (b) (5)
8. 3/25/13 – DRAFT PRD – I do not have the final version, this is the most current one I have

I hope that helps. If you need anything further, please let me know.

The REPR is deeply into the weeds on each fence segment, and it's too large to email.

If you like, I can ask USACE to burn a copy to CD and have it mailed to you.

Very Respectfully,

(b) (6), (b) (7)(C), **MBA PMP**
Real Estate Program Manager
LMI Government Consulting
Border Patrol Facilities & Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
U.S. Customs and Border Protection

Blackberry: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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(b) (5)



U.S. Customs and
Border Protection

BW23 FOIA CBP 004292

(b) (5)



(b) (5)



(b) (5)



(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

O-1,2,3



INTERNATIONAL BOUNDARY AND WATER COMMISSION
UNITED STATES AND MEXICO

OFFICE OF THE COMMISSIONER
UNITED STATES SECTION

February 15, 2012

(b) (6) P.E., Project Manager
Customs and Border Protection
1301 Constitution Avenue NW
West Building, B-155
Washington, DC 20299

Dear (b) (6)

The U.S. Section of the International Boundary and Water Commission has completed its review of the Drainage Report dated August 2011, and associated two-dimensional hydraulic models prepared by Michael Baker, Jr. Inc., on behalf of the U.S. Department of Homeland Security (DHS), for the erection of approximately (b) (7)(E) of security fence within the limits of the Rio Grande floodplain in Roma, Texas (Segment O-1, (b) (7)(E)), Rio Grande City, Texas (Segment O-2, (b) (7)(E)), and Los Ebanos, Texas (Segment O-3, (b) (7)(E)). After an in depth and thorough review, the USIBWC has concluded that the proposed fence project(s) will not cause significant deflection or obstruction of the normal or flood flows of the Rio Grande and is, therefore, consistent with the stipulations in Article IV-B of the 1970 Boundary Treaty. With this in mind, the USIBWC has no objection to the erection of the fence segments within the limits of the Rio Grande floodplain, provided that the fence closely follows the proposed alignment and standard design details (b) (7)(E) (b) (7)(E) described in the respective Drainage Report. The USIBWC hereby requests that the DHS comply with the following conditions:

1. Implement a maintenance program to remove any trash and/or debris found along the alignment of each fence including the approaches to the fence on a regular basis, especially after a storm event.
2. To the USIBWC's satisfaction, provide any future repair along the adjacent banks pertinent to the fence segments mentioned above, should any damage occur.

It should be noted that the USIBWC did not review these fence projects for any potential environmental impacts since they are covered by the Environmental Waiver obtained by DHS in April 2008. If you have any questions, please contact me at (b) (6) or via email at (b) (6)

Sincerely,

(b) (6)

Principal Engineer

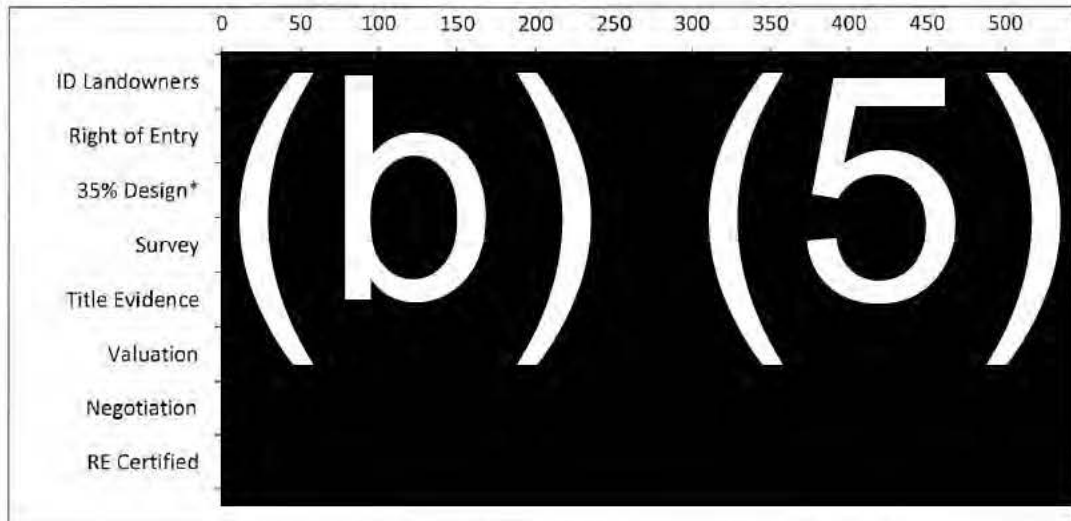
Segment O-3: Projected RE Schedule
 (LOWEST Ranking for RE Schedule Risk)

	Activity Start (Day #)	Activity Duration (No. of Days)	Activity Finish (Day #)	Activity Finish (Total # of Months From DAY-0)
ID Landowners	(b)	(5)	(5)	(5)
Right of Entry				
35% Design*				
Survey				
Title Evidence				
Valuation				
Negotiation				
RE Certified				

FENCE MILEAGE **(b) (7)(E)**
 Est. # of TRACTS **(b) (5)**
 Est. # of RELOCATIONS**

Estimates considered +/- 20%

(b) (5)



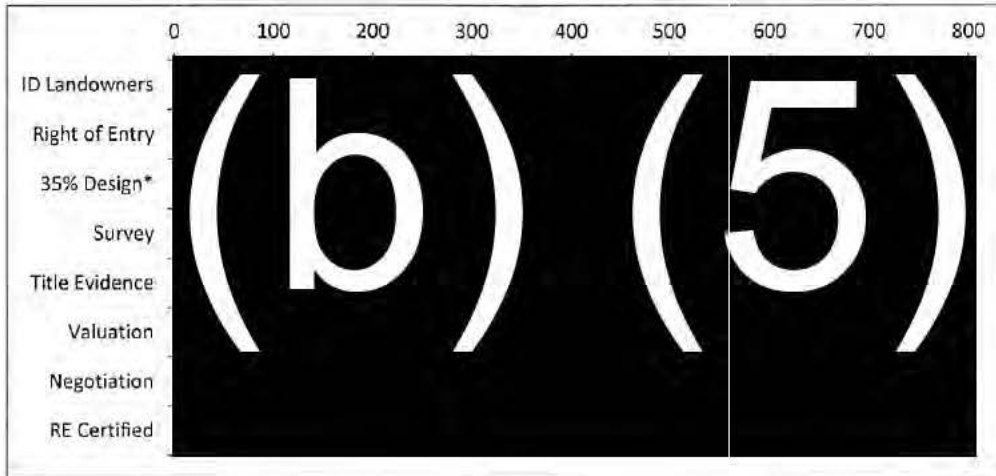
Segment O-1: Projected RE Schedule
 (MIDDLE Ranking for RE Schedule Risk)

	Activity Start (Day #)	Activity Duration (No. of Days)	Activity Finish (Day #)	Activity Finish (Total # of Months From DAY-0)
ID Landowners	(b)	(5)	(5)	(5)
Right of Entry				
35% Design*				
Survey				
Title Evidence				
Valuation				
Negotiation				
RE Certified				

FENCE MILEAGE **(b) (7)(E)**
 Est. # of TRACTS **(b) (5)**
 Est. # of RELOCATIONS**

Estimates considered +/- 20%

(b) (5)



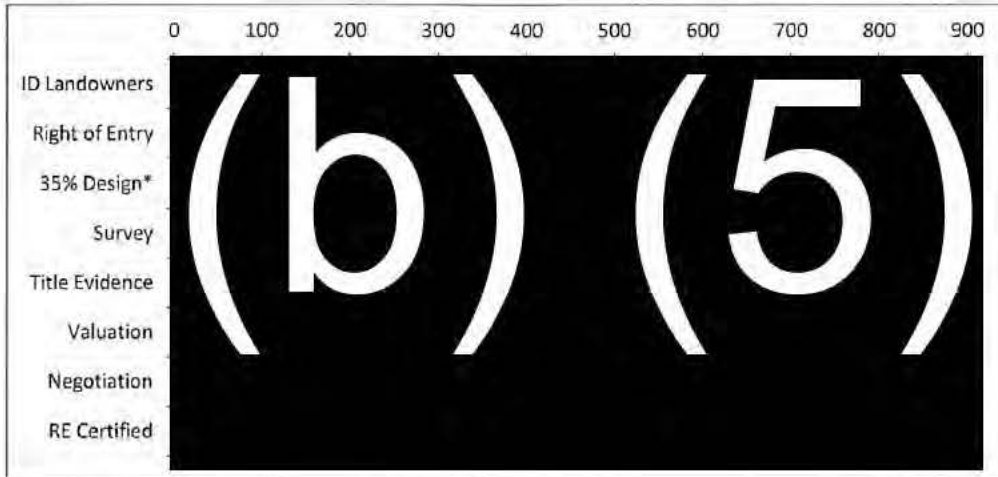
Segment O-2: Projected RE Schedule
 (HIGHEST Ranking for RE Schedule Risk)

	Activity Start (Day #)	Activity Duration (No. of Days)	Activity Finish (Day #)	Activity Finish (Total # of Months From DAY-0)
ID Landowners	(b)	(5)	(5)	(5)
Right of Entry				
35% Design*				
Survey				
Title Evidence				
Valuation				
Negotiation				
RE Certified				

FENCE MILEAGE **(b) (7)(E)**
 Est. # of TRACTS **(b) (5)**
 Est. # of RELOCATIONS**

Estimates considered +/- 20%

(b) (5)



MEMORANDUM FOR RECORD

MEETING HELD: August 1, 2012 at 9:00 AM EST

SUBJECT: Fence Segments (O-1, O-2, O-3) – Requirements Discussion with OBP

MEETING ATTENDEES:

- (b)(6);(b)(7)(C) BPFTI PMO
- (b)(6);(b)(7)(C) BPFTI PMO
- (b)(6);(b)(7)(C) OBP
- (b)(6);(b)(7)(C) OBP
- (b)(6);(b)(7)(C) OBP
- (b)(6);(b)(7)(C) OCC
- (b)(6);(b)(7)(C) OCC
- (b)(6);(b)(7)(C) BPFTI PMO
- (b)(6);(b)(7)(C) BPFTI PMO

REQUIREMENTS DISCUSSION:

OBP reviewed the attached maps generated in order to illustrate their requirements along each segment (O-1, O-2, O-3).

OBP explained that the requirements as presented are based on the current operational assessment, and in consideration of the complete current plan, to include Remote Video Surveillance System towers.

1. OBP REQUIREMENTS ALONG 'IBWC-APPROVED' FENCE SWATH:

The 'IBWC-approved' swath is depicted by a yellow line on the attached maps. Fence is not currently required along the totality of the 'IBWC-approved' swath.

Fence is currently only required along the yellow line between the 'start' and 'end' point icons annotated on the attached maps. Fence is not required along the yellow line beyond those 'start' and 'end' points.

2. OBP REQUIREMENTS ALONG ORIGINALLY CONDEMNED SWATH:

The original fence swath is depicted by a red line on the attached maps.

Fence is currently required between the start and stop points in the red-line original swath only to the extent it overlaps with the yellow-line IBWC-approved swath and where the yellow line is independent of the red.

Where the red-line original swath is not in line with the yellow-line IBWC-approved swath, the current requirement is for a road. This does not preclude road being constructed adjacent to future fence alignments if required.

MEMORANDUM FOR RECORD

3. NEXT STEP:

OCC & PMO will meet with DOJ & USACE to brief them and discuss next steps regarding real estate acquisitions necessary to support fence and road requirements as cited above. One key objective coming out of that meeting is to develop a schedule and budget to clear real estate to support OBP's requirements.

(b) (5), (b) (7)(E)



March 28, 2012
Michael Baker Jr, Inc.

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(b) (5), (b) (7)(E)



March 28, 2012
Michael Baker Jr, Inc.

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(b) (5), (b) (7)(E)

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United States Border Patrol Rio Grande Valley Sector



RGV Revised Requirements for Projects O-1 through O-3 October 10, 2013

ISSUE / BRIEFING TOPIC:

Rio Grande Valley Sector has redefined the requirements for Projects O-1 through O-3 for McAllen and Rio Grande City Stations (**Decisional**).

DESIRED OUTCOME:

Establish (b) (7)(E) technology and associated infrastructure (b) (7)(E) the McAllen (MCS) and Rio Grande City (RGC) Stations' Area of Responsibility (AOR).

BACKGROUND:

- Of the 21 Pedestrian Fence (PF) 225 projects in Rio Grande Valley Sector, two were planned for RGC (O-1 through O-2) and one for MCS (O-3). All three projects amount to approximately (b) (7)(E) of pedestrian fence.
 - Project O-1 was to be placed on both sides of the Roma Port of Entry (POE), in (b) (7)(E), and is approximately (b) (7)(E) in length.
 - Project O-2 was to be placed on both sides of the Rio Grande City POE, in (b) (7)(E), and is approximately (b) (7)(E) in length.
 - Project O-3 was to be placed on both sides of the Los Ebanos POE, in (b) (7)(E), and is approximately (b) (7)(E) in length.
- In June 2012, RGC and MCS station management met with Office of Border Patrol (OBP) representatives to discuss the "Total Mission Concept" approach with a mix of TI and Technology and reduce the length of the fence from (b) (7)(E) to an estimated (b) (7)(E) while including (b) (7)(E) technology and patrol roads along the original fence alignment.
- RGV Sector is now assessing the options and seeks to establish a set of requirement for Projects O-1 through O-3 in the event that a path forward is decided.

CHALLENGES/CONCERNS:

Project O-3 (McAllen):

- The current fence alignment will have to be moved north due to the extensive erosion of the river bank caused by flooding from the runoff of Hurricane Alex.

Project O-1 (Rio Grande City):

- Some of the soil under the current fence alignment has been impacted by flooding from the runoff of Hurricane Alex.

Prepared by: SBPA (b) (6), (b) (7)(C)

3/27/2013

FOR OFFICIAL USE ONLY

BW23 FOIA CBP 004313

- [REDACTED] (b) (5)

Project O-2 (Rio Grande City):

- The current fence alignment east of the Rio Grande City POE has been impacted due to the erosion of the river bank caused by flooding from the runoff of Hurricane Alex.

RECOMMENDATION:

1. (b)(7)(E) Station Requirement:

- [REDACTED] (b) (5)
- [REDACTED] (b) (5)
- [REDACTED] (b) (5)

2. Rio Grande City Requirement:

- [REDACTED] (b) (5)
- [REDACTED] (b) (5)
- [REDACTED] (b) (5)

Approve/Date: [REDACTED] (b) (6) _____ Disapprove/Date: _____

Needs Discussion/Date: _____ Modify/Date: _____

ATTACHMENTS

(b) (7)(E), (b) (5)



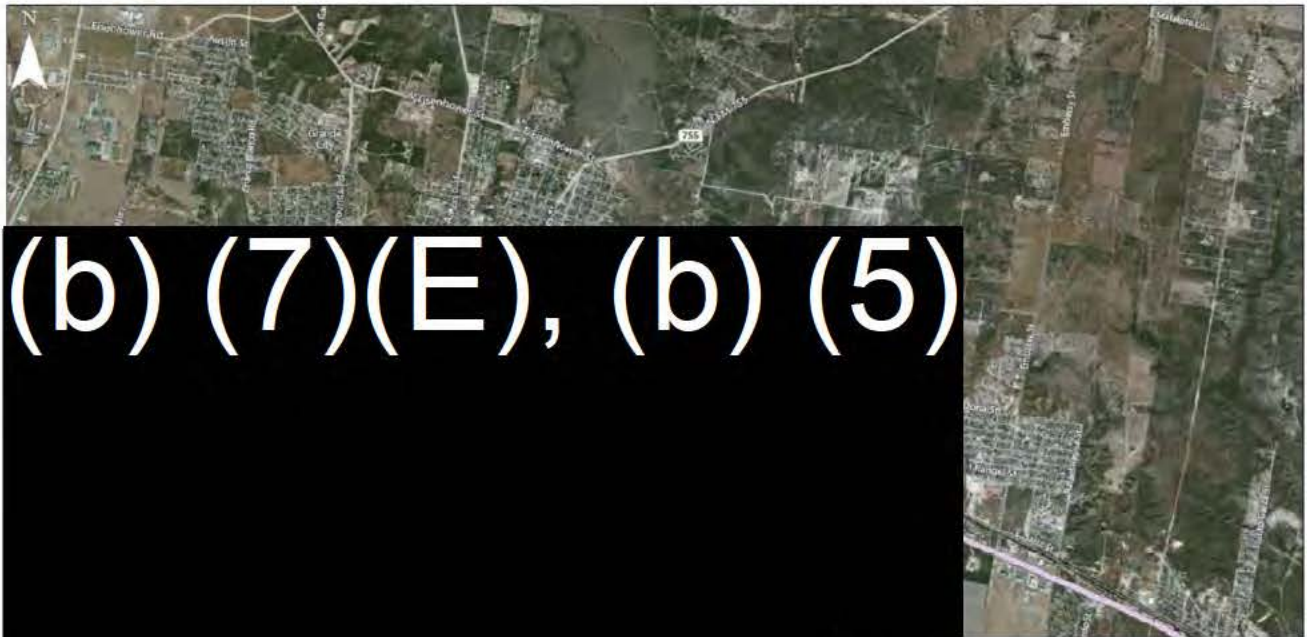
Projects O-1 through O-3 Overview



(b) (7)(E), (b) (5)



Project O-1 (RGC AOR)



(b) (7)(E), (b) (5)

-  Fence Alignment 0-1
-  Fence Alignment 0-2
-  Fence Alignment 0-3
-  RGV Sector Stations AOR



Project O-2 (RGC AOR)

(b) (7)(E), (b) (5)



(b) (7)(E), (b) (5)

-  Fence Alignment 0-1
-  Fence Alignment 0-2
-  Fence Alignment 0-3
-  RGV Sector Stations AOR



Project O-3 (MCS AOR)

The purpose of the Project Requirements Document Baseline Cost Estimate (PRDBCE) is to calculate a cost estimate for a project as part of the Project Requirements Document development (PRD). Once the PRD is approved this cost estimate is baselined and should not be changed.

The following information will explain the layout of the PRDBCE Worksheet. A detailed explanation of the header and first sub-heading (Project Management) will be given. The structure for all sub-headings is the same therefore the instructions are applicable to the remaining sub-headings. The alpha-numeric symbols (A2, A3, etc.) refer to the excel spreadsheet cell where the information is located.

The worksheet is divided into six sections: **Project Management, Real Estate, Environmental, Design, Construction, and Construction Oversight**. These sections contain the activities that account for the varying costs of each individual project. To ensure the accuracy of the cost estimate, each activity needs to have the correct resource, org code (organizational code must be the specific office where the work is being done, not at the executive level, for construction it must be the field office that is in control of RMS), hours (estimated time to be spent on each activity) and the fully burdened rate. The default equation automatically populates the sub-heading amount in column I by multiplying the hours by the fully burdened rate.

Project Heading Instructions

A2 – Project Heading - enter project title in B2 to include FM&E project number.

A3 – Sector - enter Border Patrol Sector or other controlling agency identifier in B3.

E3 - USACE District - Enter USACE District Name in F3.

A4 – Duration - Enter number of calendar days projected for the project in B4 – is this by 5 working days or 7 working days (most use 5 in P2).

E4 – Date - Enter date worksheet is completed in F4.

B5 - Enter Project P2#.

Sub-Heading Instructions

A6 – This cell is set to auto-populate based on the P2# entered in cell B5.

B6 – Activity Identification Number – Found in P2 Report.

C6 – Name of the project sub-heading.

H6 – This cell contains an equation that calculates the estimated total cost of the sub-heading activities. Verify that the formula includes all necessary values in the final sum (to included added cells). Cells H7-H16 are included in the default summation.

C7 - Project Management – If needed, additional rows shall be added to account for District Project Manager, Program Manager, PPMD Support Staff, and any other costs that fall under this umbrella.

C9 - PM Contract Support - Select type of support from drop down menu on cell E9 (OTHCONSV).

I9 - Enter Contract monetary value.

D10 - Contract Type - select contract type from drop down menu on cell E10.

D11 - Contract Acquisition Codes – The entries for cells E12-E14 are mandatory for P2 entries.

D12 - Contracting Type - select type from drop down menu on cell E12.

D13 - Contracting Method - select method from drop down menu in cell E13.

D14 - Set-Aside Decision - select decision from drop down menu in cell E14.

Repeat the above steps to the proceeding sub-headings.

Non-USACE Expenses

-This section deals with those expenses that may be funded to USACE for work under the construction contract but for reporting purposes should be separated as Non-USACE costs. The BPFTI PM will coordinate this with the USACE PM and will ensure that these costs are not double counted.

-Category 4 "Other" should be addressed on the Assumptions tab and explain what other costs are included.

Assumptions Tab

-Each section of the PRD Baseline Cost Estimate has a corresponding section for assumptions on the Assumptions Tab of the workbook.

-The Assumptions that are already listed are Base Assumptions and should be identified as applicable via the Y and N check boxes to the left.

-Additional Assumptions for each sub-section can be added below and can be explained how ever necessary.

.90000		Real Estate		
	1	USACE District RE Support	LABOR	A*C
			TRAVEL	B*D
(see additional est. calc)	2	Land Payment	LAND	E*F
		Relocation Costs		G*H
	3	Title Contract	ADV&ASTSVC	A*I
		Contract Type	N/A	
		Contract Acquisition Codes		
		Contracting Type		
		Contracting Method		
		Set-Aside Decision		
	4	Survey Contract	OTHCONSVC	A*J
		Contract Type	N/A	
		Contract Acquisition Codes		
		Contracting Type		
		Contracting Method		
		Set-Aside Decision		
	5	Appraisal Contract	OTHCONSVC	A*K
		Contract Type	N/A	
		Contract Acquisition Codes		
		Contracting Type		
		Contracting Method		
		Set-Aside Decision		
	6	RE Reserve	CONTINGY (25%)	0.25*SUM OF ABOVE
		Condemnation Cost (DOJ cost)		A*L*M

(b) (5)

- A (b) (5) Est # of Tracts
- B (b) (5) Est # of Man-Weeks of Travel
- C Corps Labor Cost per Tract
- D Corps Travel Cost per Week
- E Est # of Acres (101 in swath; 2,478 riverside)
- F Est Land Cost per acre
- G Est Cost per Relocation (b) (5) auth under URA (b) (5) per structure + (b) (5) moving expenses)
- H Est # of Relocations
- I Est Title Cost per Tract
- J Est Survey Cost per tract
- K Est Appraisal Cost per tract
- L Est DOJ Cost per tract
- M Est % of Cases that'll require condemnation

Assumptions - PRD Baseline Cost Estimate

Project Title: *Insert Title*

Sector: *Insert Sector* USACE District: *Insert FM&E#*

Duration: *Insert Project Duration* Date: *Insert District Name*

P2# *XXXXXX*

XXXXXX .10000 Project Management

- Y N
- Y N
- Y N
- Y N

(b) (5)

Additional Assumptions:

XXXXXX .90000 Real Estate

- Y N
- Y N
- Y N
- Y N
- Y N
- Y N
- Y N
- Y N

(b) (5)

Additional Assumptions:

(b) (5)

XXXXXX .95000 Environmental

- Y N
- Y N
- Y N
- Y N
- Y N
- Y N

(b) (5)

Additional Assumptions:

XXXXXX .40000 Design

- Y N

(b) (5)

(b) (5)

Additional Assumptions

XXXXXX .61000 Construction

(b) (5)

Additional Assumptions

.61000.10 Construction Oversight

(b) (5)

NON USACE EXPENSES

State Assumptions and Explanation of 4.Other Expenses

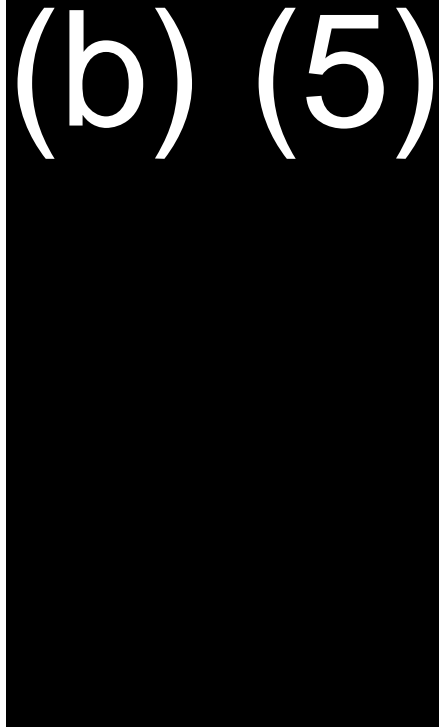
In HouseResources
LABOR
TRAVEL
GSAVEH
N/A

Support Contracts
OTHCONSVCS
AESVCS
ADV&ASTSVC
CONSTSVCS
N/A

Design
LABOR
TRAVEL
OTHCONSVCS
AESVCS
CONSTSVCS
N/A

Acquisition Strategy
N/A

0



Contracting Type

- A - Fixed Price Re-determination
- B - Firm Fixed Price Level of Effort
- C - Basic Ordering Agreement
- D - Purchase Order
- J - Firm Fixed Price
- K - Fixed Price w/ Economic Price Adjustment
- L - Fixed Price Incentive
- M - Fixed Price Award Fee
- R - Cost Plus Award Fee
- S - Cost No Fee
- T - Cost Sharing
- U - Cost Plus Fixed Fee
- V - Cost Plus Incentive
- Y - Time and Materials
- Z - Labor Hours
- 2 - Combination (Awards only)
- 3 - Other (Nothing else apply)
- 5 - Fixed Ceiling Price w/ Retroactive Price Redetermination
- 6 - Fixed Price Incentive (firm target)
- 7 - Fixed Price Incentive (successive targets)
- 8 - Letter Contract
- 9 - Blanket Purchase Agreement

Contracting Method

IDC - Competitive DO/TO against existing contract

IDCN - Non-Competitive DO/TO against existing contract

IFB - Sealed Bid Low Bid

MISC - Competitive Credit Card, Small Purchases

MISCN - Non-Competitive Credit Card, Small Purchases

MOD - Competitive Modification

MODN - Non-Competitive Modification

OCM - Competitive Other Contracting Method

OCMN - Non-Competitive Other Contracting Method

RFP1 - Competitive RFP 1 Step

RFP1N - Non-Competitive RFP 1 Step

RFP2 - RFP 2 Step

SP1 - Competitive Simplified Acquisition Procedures over \$100K

SP1N - Non-Competitive Simplified Acquisition Procedures over \$100K

SP3 - Competitive Simplified Acquisition Procedures under \$100K

SP3N - Non-Competitive Simplified Acquisition Procedures under \$100K

Set Aside Decision

8a - 8(a)

HZ - HUB Zone SB

MI - Minority Serving Institutions

NONE - No set aside used

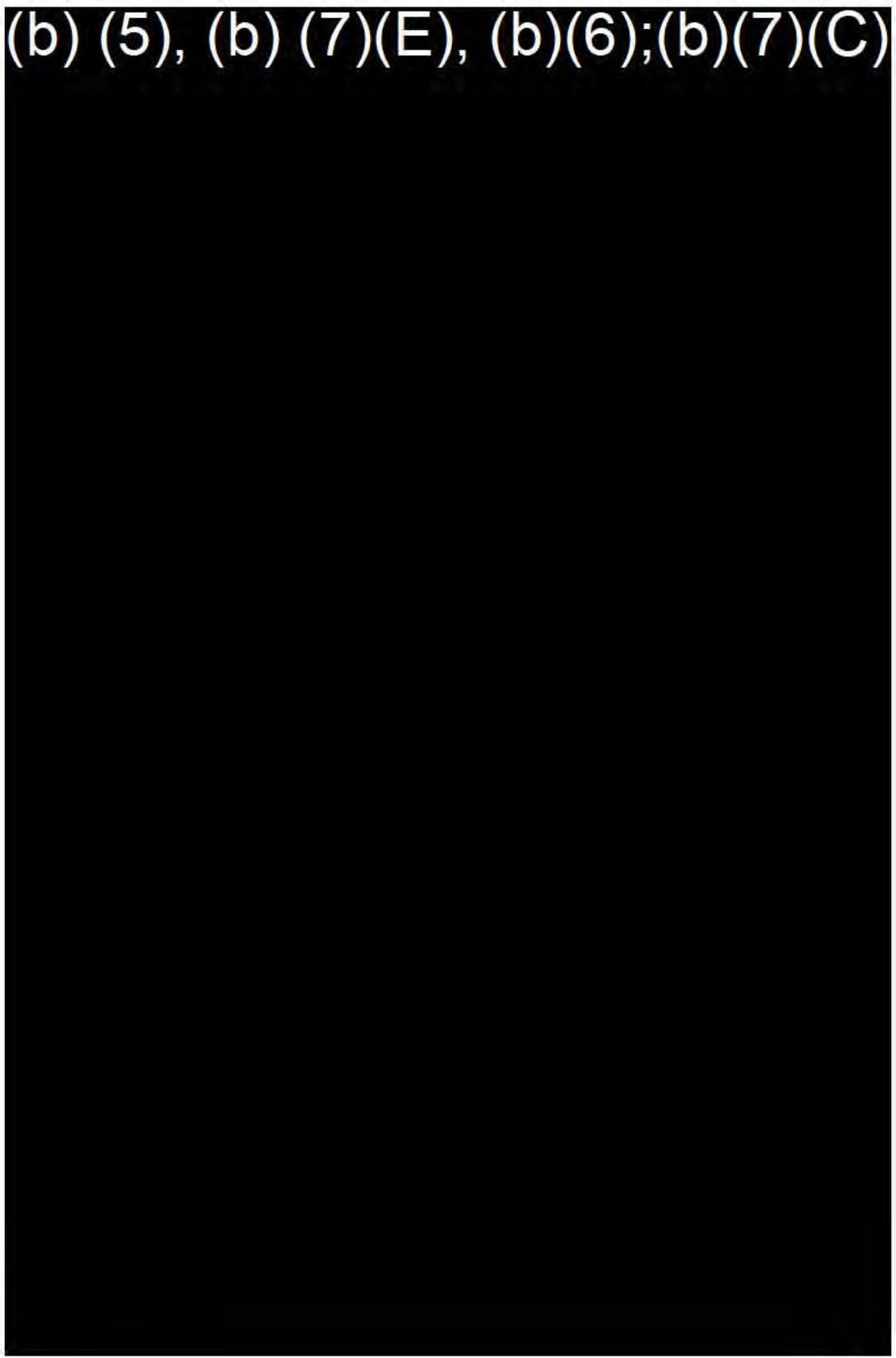
SB - Small Business

SV - Service Disabled Veteran Owned SB

WO - Woman Owned SB

(b) (5), (b) (7)(E)

(b) (5), (b) (7)(E), (b)(6);(b)(7)(C)



(b) (5), (b) (7)(E)

(b) (5), (b) (7)(E)

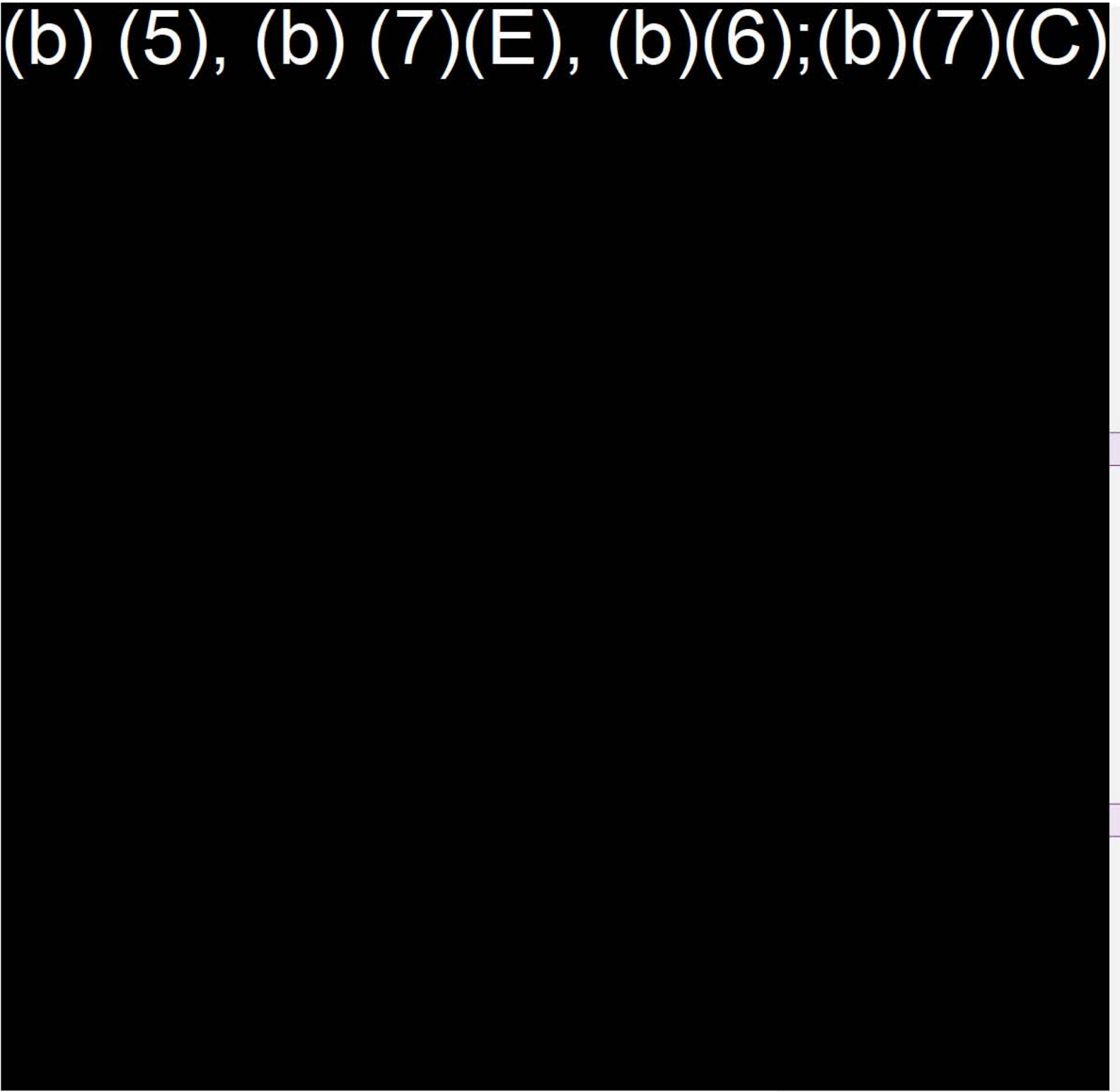
(b) (5), (b) (7)(E)

(b) (5), (b) (7)(E)

(b) (5), (b) (7)(E)

(b) (5), (b) (7)(E), (b)(6);(b)(7)(C)

(b) (5), (b) (7)(E), (b)(6);(b)(7)(C)



(b) (5), (b) (7)(E), (b)(6);(b)(7)(C)

(b) (5), (b) (7)(E)

(b) (5), (b) (7)(E)

(b) (5), (b) (7)(E)

(b) (5), (b) (7)(E), (b)(6);(b)(7)(C)



From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Weekly Report - 14 Mar (b) (6), (b) (7)(C)
Date: Wednesday, March 13, 2013 5:02:36 PM

(b) (6), (b) (7)

Changes from the last update are in red.

Hot Issues

- RGV Gates
 - Work is progressing from (b)(7)(E) Pier drilling and pier caps complete on all gates in (b)(7)(E) Steel fabrication continues to delay progress for Weston.
 - Gate testing in (b)(7)(E) may begin in late March, but is being delayed by lack of some components.
 - Gate Closure Communications
 - BOD has message on HOTLINE advising of new schedule, and is providing updates.
 - Working on notification letters to landowners from (b)(7)(E)
 1. Completed (b)(7)(E) Working (b)(7)(E)
 - Landowner training
 - Sector training held for the Station trainers on 11/12 Dec.
 - OCC was provided final training documents for use by DOJ appraisers.
 - Sector is confirming acceptability of final training documents, pending ACPA approval.
 - IBWC coordination
 - Facilitated meeting with IBWC to discuss their approval of Design Packages #1 and #2. (b) (6), (b) (7)(C) arranged the meeting.
 - Provided real estate information they requested for (b)(7)(E) on 1 Feb.
 - IBWC approved DP#3; (b) (6), (b) (7)(C) will contact IBWC for formal approval.
 - Waiting on IBWC update on (b)(7)(E) Levee Rehab award.
 - (b) (6), (b) (7)(C) sent note on 20 Feb asking for an update.
 - IBWC response 22 Feb – delay in NTP; no start date estimated.
 - Received 90% drawings for review of Reach 3 (of 5).

Major Efforts

- Renewal Contracts – Round IV
 - Twelve contracts awarded. No more contracts are to be awarded (YUM Veg/Debris is on hold).
 - El Paso Fence – last option will expire 8 Jan
 - Yuma Fence – last option will expire 24 Jan
 - Tucson Fence – last option will expire 24 Jan
 - Yuma Roads – last option will expire 22 Jan
 - Tucson Roads – last option will expire 30 Jan
 - El Paso Roads – last option will expire 30 Jan
 - Tucson Veg/Debris – last option will expire 21 May; extension available.
 - Yuma Lighting – last option will expire 3 May; extension available
 - El Paso Lighting – last option will expire 4 May; extension available

- BBT Roads – last option will expire 26 Mar.
 - EPT Veg/Deb – first option has been exercised, good **thru 30 Mar**. **ECSO plans to award 2nd option next week.**
 - ECSO provided ROM estimate for WA #1, #2, #3, for new TI M&R contracts.
 - Also provided estimate for extensions, if approved by their CO.
 - Decision issued 9 Nov – no extensions allowed.
 - Standing down on using ECSO for gap filler for WA#1.
 - \$120K transferred to ECSO 29 Nov to cover PM to get contracts awarded.
 - EPT and TCA Fence were identified as top priority needs, with TCA and EPT Roads next, and BBT Roads/Veg/Debris next.
 - Also working with Tim Guy on TCA Gate Opening contract extension and TCA Lighting reprocurement.
 - Gate opening contract will be extended effective 17 Feb, for 3 months thru mid-May 2013.
 - (b) (6), (b) (7)(C) will work new lighting contract thru Sector procurement.
 - YUM M&R coverage
 - Fence will be done in-house until CTIMR
 - Roads will be done in-house and with small contract thru CBP Procurement
 - Gap filler roads/veg/debris contract being developed by (b) (6), (b) (7)(C) – under \$ (b) (5)
 - 45 day gap filler packages sent to (b) (6), (b) (7)(C) for review for TCA and EPT Fencing.
 - EPT Fencing contract awarded to Cerrudo 19 Dec for \$142,518.98, from 9 Jan – 23 Feb 2013.
 - Extension issued with additional \$135,393.10 to cover services thru 31 March.
 - **Working on subsequent extension thru 31 May. Coordinating proposed funding (\$ (b) (5) with (b) (6), (b) (7)(C)).**
 - TCA Fencing PO issued to Capers in the amount of \$82,243.36 on 3 Jan 2013.
 - (b) (6), (b) (7)(C) **notified Capers of intent to extend, and is waiting funding of \$ (b) (5) before issuing mod. Will cover services thru 12 May.**
 - Working on budget and estimated quantities for EPT & TCA Fence and Roads contracts with (b) (6), (b) (7)(C), ECSO.
 - Baseline schedule showed NTP of 11 Mar 2013 for all four contracts.
 - Schedule update on 6 March shows NTP's as follows;
 - TCA Fence – 20 April
 - TCA Roads – 9 April
 - EPT Fence – 23 April
 - EPT Roads – 23 April
 - BBT Roads – 24 April (not in latest schedule; will check)
 - Delays were attributable to changes in some RFP packages and contracting reviews comment resolution.
 - Funds provided 8 Jan for \$2,118K for 4 contracts.
 - ECSO reviewing need for PgM and Const O/S funding and will provide adjusted estimates.
 - ECSO agreed to provide Const O/S support for CBP gap filler fencing contracts, and requested \$10K on 2 Jan. Funds approved by (b) (6), (b) (7)(C) and provided to ECSO.
- Tactical Infrastructure Condition Index Working Group
 - Sent OBP email – full time working group support not needed. Will call (b) (6), (b) (7)(C) for feedback.
 - First meeting held 1 March.

Good News

Concerns

- (b)(7)(E) Bridge – Security Requirements

(b) (5), (b)(6);(b)(7)(C)

- (b) (6), (b) (7)(C) from OFO HQ called on 22 Jan to get update on (b)(7)(E) He's involved with UP settlement funding. (b) (5), (b)(6);(b)(7)(C)
- Reached out to CC counsel on easement outgrant 28 Jan due to slow progress. Waiting response, but initial indications are that they will approve proposed easement outgrant language.
- Provided support to BOD for meeting with Congressional staffs held on 15 Feb.
 - Advised by BOD that CC is still applying to the state for funding.
- Span across Rio Grande has been installed, with fencing to deter pedestrian traffic.
- Completion of (b)(7)(E) project is on hold, per County's construction manager.
 - Real estate acquisition is now complete.
 - (b) (5), (b)(6);(b)(7)(C)
 - (b) (5)
 -
 -
- Sent CCRMA email offering swing gate option 7 Dec.
- RGV (b)(7)(E) Highway – Fence Relocation
 - Confirmed funding available from TxDOT & CCRMA bonds; final estimate not developed yet
 - Coordination w/IBWC will start once TxDOT approves draft EA
 - CC engineer sent latest schedule & draft EA 8 Mar
 - Forwarded EA to (b) (6), (b) (7)(C) 2 Apr.
 - Received maps from CC engineer 25 Jun.
 - Latest schedule received from TXDOT 28 Jan 2013. No change in contract letting date of Dec 2013. CCRMA is still working EA & BA.
- IBWC Riverside MOA & design
 - Response to BPFTI comments received
 - Some items will need to be funded by BPFTI
 - Draft MOA submitted to IBWC 15 June for review.
 - Received IBWC comments and sent CBP comments to them on 22 Oct.
 - Working IAA for guard rail and security grating over valve vault
 - USACE will initiate design – tasked to them 14 Sep.
 - Requested update 16 Oct.

Program Manager
LMI
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
"Excel as a trusted strategic partner enhancing

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: M&R Round V Contracts (UNCLASSIFIED)
Date: Friday, March 08, 2013 4:48:32 PM

(b) (6), (b) (7)

I just talked with (b) (6), (b) (7) and he was still saying TCA Roads award week of 3/18 and Fence last week in March/first week in April...who provided the 'official' ECSO estimated schedule?

(b) (6), (b) (7)(C)

Branch Chief – TI Division Projects, Maintenance and Repair
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Wednesday, March 06, 2013 3:01 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: FW: M&R Round V Contracts (UNCLASSIFIED)

(b) (6), (b) (7)(C),

Here is the official ECSO estimated schedule for the Round V ECSO contracts for EPT and TCA Fencing and Roads. All NTPs are estimated between (b) (5) as follows:

EPT Fencing (b) (5)
EPT Roads - (b) (5)
TCA Fencing (b) (5)
TCA Roads - (b) (5)

(b) (6), (b) (7)

(b) (6), (b) (7)(C), PE, PMP

Program Manager

LMI

Border Patrol Facilities and Tactical Infrastructure Program Management Office Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

"Excel as a trusted strategic partner enhancing Border Patrol's proud legacy"

-----Original Message-----

From: (b) (6)
Sent: Wednesday, March 06, 2013 2:22 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6)
Subject: M&R Round V Contracts (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

All,

Attached is the latest schedule.

The latest:

Tucson Roads: Proposal received and preparing for negotiations early next week.

Tucson Fence: RFP issued, due 15Mar.

El Paso Roads: RFP issued, due 18Mar.

El Paso Fence: RFP issued, due 18Mar.

Thanks,

(b) (6)

U.S. Army Corps of Engineers
Engineering & Construction Support Office
819 Taylor St. Suite 3A14
Ft. Worth, TX 76102

Office: (b) (6)

Cell: (b) (6)

Fax: (b) (6)

Classification: UNCLASSIFIED

Caveats: NONE

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Re: M&R Round V Contracts (UNCLASSIFIED)
Date: Wednesday, March 06, 2013 6:10:51 PM

(b) (6), (b) (7)

Sorry to say that this is all moving at various speeds. All we can do is work with what we have...

----- Original Message -----

From: (b) (6), (b) (7)(C)
Sent: Wednesday, March 06, 2013 03:29 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: M&R Round V Contracts (UNCLASSIFIED)

(b) (6), (b) (7)

For gap contract support, (b) (5)

EPT Fencing is extended and funded thru 31 March, (b) (5)

(b) (6), (b) (7)

(b) (6), (b) (7)(C), PE, PMP
Program Manager
LMI
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
"Excel as a trusted strategic partner enhancing
Border Patrol's proud legacy"

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Wednesday, March 06, 2013 3:04 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Re: M&R Round V Contracts (UNCLASSIFIED)

Ok. (b) (5)

----- Original Message -----

From: (b) (6), (b) (7)(C)
Sent: Wednesday, March 06, 2013 03:00 PM
To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)
Subject: FW: M&R Round V Contracts (UNCLASSIFIED)

(b) (6), (b) (7)(C),

Here is the official ECSO estimated schedule for the Round V ECSO contracts for EPT and TCA Fencing and Roads. All NTPs are estimated between (b) (5) as follows:

EPT Fencing (b) (5)
EPT Roads - (b) (5)
TCA Fencing (b) (5)
TCA Roads (b) (5)

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), PE, PMP

Program Manager

LMI

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

"Excel as a trusted strategic partner enhancing
Border Patrol's proud legacy"

-----Original Message-----

From: (b) (6)

Sent: Wednesday, March 06, 2013 2:22 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6)

Subject: M&R Round V Contracts (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

All,

Attached is the latest schedule.

The latest:

Tucson Roads: Proposal received and preparing for negotiations early next week.

Tucson Fence: RFP issued, due 15Mar.

El Paso Roads: RFP issued, due 18Mar.

El Paso Fence: RFP issued, due 18Mar.

Thanks,

(b) (6)

U.S. Army Corps of Engineers

Engineering & Construction Support Office

819 Taylor St. Suite 3A14

Ft. Worth, TX 76102

Office: (b) (6)

Cell: (b) (6)

Fax: (b) (6)

Classification: UNCLASSIFIED
Caveats: NONE

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: M&R Round V Contracts (UNCLASSIFIED)
Date: Friday, March 08, 2013 4:48:32 PM

(b) (6), (b) (7)

I just talked with (b) (6), (b) (7) and he was still saying TCA Roads award week of 3/18 and Fence last week in March/first week in April.. (b) (5)

(b) (6), (b) (7)(C)

Branch Chief – TI Division Projects, Maintenance and Repair
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

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-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Wednesday, March 06, 2013 3:01 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: FW: M&R Round V Contracts (UNCLASSIFIED)

(b) (6), (b) (7)(C),

Here is the official ECSO estimated schedule for the Round V ECSO contracts for EPT and TCA Fencing and Roads. All NTPs are estimated between (b) (5) as follows:

EPT Fencing (b) (5)
EPT Roads - (b) (5)
TCA Fencing (b) (5)
TCA Roads - (b) (5)

(b) (6), (b) (7)

(b) (6), (b) (7)(C), PE, PMP

Program Manager

LMI

Border Patrol Facilities and Tactical Infrastructure Program Management Office Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

"Excel as a trusted strategic partner enhancing Border Patrol's proud legacy"

-----Original Message-----

From: (b) (6)
Sent: Wednesday, March 06, 2013 2:22 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6)
Subject: M&R Round V Contracts (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

All,

Attached is the latest schedule.

The latest:

Tucson Roads: Proposal received and preparing for negotiations early next week.

Tucson Fence: RFP issued, due 15Mar.

El Paso Roads: RFP issued, due 18Mar.

El Paso Fence: RFP issued, due 18Mar.

Thanks,

(b) (6)

U.S. Army Corps of Engineers
Engineering & Construction Support Office
819 Taylor St. Suite 3A14
Ft. Worth, TX 76102

Office: (b) (6)

Cell: (b) (6)

Fax: (b) (6)

Classification: UNCLASSIFIED

Caveats: NONE

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Re: Funds Request, EPT Fencing Extension
Date: Thursday, March 14, 2013 8:53:19 PM

Approved. Thank you...

From: (b) (6), (b) (7)(C)
Sent: Thursday, March 14, 2013 08:30 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: FW: Funds Request, EPT Fencing Extension

Hello (b) (6), (b) (7)(C)
The attached funds request is ready for your review and approval.
☺
Thank you!
(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Thursday, March 14, 2013 1:00 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Funds Request, EPT Fencing Extension

(b) (6), (b) (7)(C)
Please process the attached funds request. It needs to go to (b) (6), (b) (7)(C). Thanks!

(b) (6), (b) (7)(C)
(b) (6), (b) (7)(C), PE, PMP
Program Manager
LMI
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
*"Excel as a trusted strategic partner enhancing
Border Patrol's proud legacy"*

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Weekly Report - 29 May (b) (6)
Date: Wednesday, May 29, 2013 5:09:16 PM

(b) (6), (b) (7)

Changes from the last update are in red.

Hot Issues

- CTIMR contract post award conference held 3 & 4 April in El Paso.
 - Site visits held in LOB, DMN, STN and EPS on 15-18 April.
 - Provided review comments to (b) (6), (b) (7)(C) on field note compilation 24 April
 - Reviewed revised GWP and provided comments.
 - Reviewed/resolved comments with (b) (6), (b) (7)(C) and (b) (6), (b) (7)(C)
 - No details provided yet on proposed work for tasks 2004 & 2007.
- RGV Gates
 - Work is progressing from (b)(7)(E) All gate foundation/slab work complete in Cameron County (b)(7)(E) Steel fabrication continues to delay progress for Weston.
 - Work is progressing on all Hidalgo County gates (b)(7)(E) except (b)(7)(E) (b)(7)(E) in Hidalgo County
 - Gate testing in (b)(7)(E) – Three gates tested with USACE. Waiting for Weston to schedule QA testing with USACE for the remaining gates.
 - Received Weston proposal for time extension thru 30 Aug.
 - USACE coordinated with CBP & did not approve the request from Weston.
 - Latest schedule input from 18 May shows completion on 7 August vs. contract completion date of 21 June.
 - Discussed interim rating and/or cure notice with USACE.
 - USACE scheduled meeting to discuss Weston plan to get back on schedule, for 29 May.
 - The only outstanding RE clearances are for utility access rights. (b) (5)
 - Due to anticipated late utility access rights, (b) (5)
 - If remobilization is required after completion of all other work, in order to connect to utility company meters, Weston's proposal is for \$ (b) (5) each. We may need this at (b)(7)(E) gates.
 - RE is working initiative to allow utility company access thru ROE-C or OTS language for (b)(7)(E) gates. Currently being reviewed by OCC.
 - Landowner training
 - Sector has accepted final training documents; CD sent to Sector 25 March.
 - Sector advised that IPT that training at (b)(7)(E) Station for BP agents is ongoing. (b)(7)(E) have been notified to begin training. (b)(7)(E) will wait until its gates are nearer completion.
 - Warranty management
 - Vandalism damage to gate pulley at (b)(7)(E) to be fixed by Primus.

TCA Roads – still in negotiation

- Tactical Infrastructure Condition Index Working Group
 - Meeting held 8 April
 - Minutes/agenda sent 8 April for next meeting.

Good News

- (b)(7)(E) Project
 - EPWU water line drawings received for review/coordination against our project.
 - Visited site 18 April to review access needs for maintenance of grate in arroyo. Provided marked up map to (b)(6), (b)(7)(C)
 - (b)(5)

Concerns

- EPT IAA for Vega Mowing
 - (b)(5)
 - (b)(6), (b)(7) coordinated with IBWC to confirm their concurrence.
 - Package revised to reflect above approach and provided to (b)(6), (b)(7)(C) in Contracting on 9 April.
 - (b)(6), (b)(7)(C) asked for DAC approval for funds. (b)(6), (b)(7) engaging with (b)(6), (b)(7)(C) on need for this. Requested status from (b)(6), (b)(7) 28 May.
- EPT MOA for Levee Road Maintenance
 - (b)(6), (b)(7)(C) set up a call for Thursday with IBWC to discuss their Budget concerns.
 - IBWC to review MOA within next 2 weeks. (b)(5)
 - Discussed IBWC tort claim question with (b)(6), (b)(7)(C) (OCC) and follow on meeting is scheduled for 16 May.
 - Meeting held with IBWC on 16 May to review changes proposed by each party. Meeting scheduled for 29 May to review and establish negotiating position.
- (b)(7)(E) Bridge – Security Requirements
 - Span across Rio Grande has been installed, with fencing to deter pedestrian traffic.
 - Status as of 22 March 2013
 - Gas pipeline has been relocated and CC contractor has submitted a schedule to complete the project. Completion of (b)(7)(E) project is on hold, per County's construction manager.
 - Completion date was mid-Jan 2014
 - CC still looking for funding for CBP requirements
 - Called (b)(6), (b)(7)(C) on 7 May; left msg that I need update on project status/schedule, funding for CBP requirements, and easement outgrant for road under bridge.
- RGV (b)(7)(E) Highway – Fence Relocation
 - Confirmed funding available from TxDOT & CCRMA bonds; final estimate not developed yet
 - Coordination w/IBWC will start once TxDOT approves draft EA
 - CC engineer sent latest schedule & draft EA 8 Mar
 - Forwarded EA to (b)(6), (b)(7)(C) 2 Apr.
 - Received maps from CC engineer 25 Jun.
 - Latest schedule received from TxDOT 28 Jan 2013. No change in contract letting date of Dec 2013. CCRMA is still working EA & BA.
 - Design has started.

- (b) (6), (b) requested I set up a meeting with CBP parties to discuss the way forward. Will target next week.
- IBWC Riverside MOA & design
 - IBWC advised on 28 Feb that project does not have funding and will be shelved until funding is available. Guard rail and security grating should be considered for continued action.
- CTIMR Support – Area 4
 - DRT
 - Need to review repair approach for two boat ramps.
 - Comments provided 19 May.
 - (b)(7)(E) Bridge - advised (b) (6), (b) (7)(C) of need for certified land surveyor to check current topography vs. 2006 topo that design is based on.
 - RGV Access Road M&R
 - Visited Sector and site with Primus & (b) (6), (b) (7)(C) & (b) (6), (b) (7)(C).
 - Prepared recommendations for M&R for CWP#2 access roads.
 - Discussions held 12 Oct with (b) (6), (b) (7)(C) to finalize task descriptions for access roads
 - Received Primus recommendations for road M&R categories for future classification of M&R.
 - (b) (5), (b) (7)(E)
 - (b) (5), (b) (7)(E)
 - Worked with (b) (6), (b) (7)(C) to clarify standards for cross slopes and aggregate thickness calculations

Deliverables

- RGV Gates IPT minutes & agenda 24 May
- Reviewed (b)(7)(E) Repair scope and provided comments 27 May
- Reviewed YUM draft SOW for Roads, Fence, Veg Control and provided comments 27 May
- Reviewed LRT Road Repairs scope and provided comments 27 May
- Reviewed engineering shop drawings for three gate retrofits for EPT 28 May
- Reviewed YUM Roads/Fencing/Veg SOW & IGCE for CBP contract action 28 May
- Reviewed IBWC comments on EPT Levee Rd Maint MOA and scheduled meeting for 29 May
- Gap & Interim Contract Status provided to (b) (6), (b) (7)(C) 29 May

(b) (6), (b) (7)

(b) (6), (b) (7)(C), PE, PMP

Program Manager

LMI

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Weekly Report - 1 May (b) (6)
Date: Wednesday, May 01, 2013 3:52:27 PM

(b) (6), (b) (7)

Changes from the last update are in red.

Hot Issues

- CTIMR contract post award conference held 3 & 4 April in El Paso.
 - Site visits held in LOB, DMN, STN and EPS on 15-18 April.
 - Provided review comments to (b) (6), (b) (7)(C) on field note compilation 24 April
 - Will review revised GWP today, if received.
- RGV Gates
 - Work is progressing from (b)(7)(E) All gate foundation/slab work complete in Cameron County (b)(7)(E) except (b)(7)(E) which will be complete 22 April. Steel fabrication continues to delay progress for Weston.
 - Work has begun in Hidalgo County at (b)(7)(E)
 - Gate testing in (b)(7)(E) Three gates tested with USACE last week. **Waiting for Weston to schedule QA testing with USACE for the next 5 (b)(7)(E) gates.**
 - RE issues are resolved for both construction access and for alternate access during gate slab construction.
 - The only outstanding RE clearances are for utility access rights. (b) (5)
 - Due to anticipated late utility access rights, (b) (5)
 - If remobilization is required after completion of all other work, in order to connect to utility company meters, Weston's proposal is for \$ (b) (5) each. We may need this at (b) (5) gates.
 - Gate Closure Communications
 - BOD has message on HOTLINE advising of new schedule, and is providing updates.
- Landowner training
 - Sector training held for the Station trainers on 11/12 Dec.
 - OCC was provided final training documents for use by DOJ appraisers.
 - Sector has accepted final training documents; CD sent to Sector 25 March.
 - **Sector advised at 25 April IPT that training at (b)(7)(E) Station for BP agents is ongoing. Other Stations will follow shortly.**
- IBWC coordination
 - Facilitated meeting with IBWC to discuss their approval of Design Packages #1 and #2. (b) (6), (b) (7)(C) arranged the meeting.
 - Provided real estate information they requested for (b)(7)(E) on 1 Feb.
 - IBWC approved DP#3; (b) (6), (b) (7)(C) will contact IBWC for formal approval.

(b) (5), (b) (7)(E)

Still waiting formal approval; (b) (6), (b) (7)(C) will discuss at IBWC meeting.

- Waiting on IBWC update on (b)(7)(E) Levee Rehab award.
 - (b) (6), (b) (7)(C) sent note on 20 Feb asking for an update.
 - IBWC response 22 Feb – delay in NTP; no start date estimated.
- Warranty Issues
 - Vandalism damage to gate (b)(7)(E) to be fixed by Primus.
 - (b)(7)(E) – maglock and pulley repaired Saturday under warranty by Weston
 - (b) (6), (b) (7) has (b) (6), (b) (7) tracking vandalism repairs/replacements done by Primus and impact on warranty, as well as tracking warranty calls.

Major Efforts

- Renewal Contracts – Round IV
 - Twelve contracts awarded. No more contracts are to be awarded (YUM Veg/Debris is on hold).
 - El Paso Fence – last option expired 8 Jan
 - Yuma Fence – last option expired 24 Jan
 - Tucson Fence – last option expired 24 Jan
 - Yuma Roads – last option expired 22 Jan
 - Tucson Roads – last option expired 30 Jan
 - El Paso Roads – last option expired 30 Jan
 - BBT Roads – last option expired 26 Mar.
 - Tucson Veg/Debris – last option will expire 21 May; extension available.
 - ECSO working extension and funding with (b) (6), (b) (7)
 - Yuma Lighting – last option will expire 3 May; extension available
 - El Paso Lighting – last option will expire 4 May; extension available
 - EPT Veg/Deb – first option has been exercised, good thru 30 Mar. ECSO awarded 2nd (last) option 20 Mar.
 - Stopped contractor due to lack of progress. Will transition to CTIMR when DJI is ready. Sector concurred.
 - ECSO Round V Contracts (TCA, EPT, BBT)
 - \$120K transferred to ECSO 29 Nov to cover PM to get contracts awarded.
 - EPT and TCA Fence were identified as top priority needs, with TCA and EPT Roads next, and BBT Roads/Veg/Debris next.
 - Also working with (b) (6), (b) (7)(C) on TCA Gate Opening contract extension and TCA Lighting reprourement.
 - Gate opening contract was extended effective 17 Feb, for 3 months thru mid-May 2013.
 - (b) (6), (b) (7)(C) is working new lighting contract thru Sector procurement.
 - YUM M&R coverage
 - Fence will be done in-house until CTIMR
 - Roads will be done in-house and with small contract thru CBP Procurement
 - Gap filler roads/veg/debris contract being developed by (b) (6), (b) (7) – under \$ (b) (5)
 - CBP Gap Filler packages sent to (b) (6), (b) (7)(C) for review for TCA and EPT Fencing.
 - EPT Fencing contract awarded to Cerrudo 19 Dec for \$142,518.98, from 9 Jan – 23 Feb 2013.
 - Extension issued with additional \$135,393.10 to cover services thru 31 March.
 - (b) (6), (b) (7)(C) extended contract to 20 April. Funding may last to 14 Apr, or 12 Apr if gate retrofit design tasked.

- Working with DJI/UCC to transition next week before funding runs out.
 - Received proposal for gate retrofit for up to (b)(7) gates.
 - Prepared certification letters for (b)(6), (b)(7)(C) for two invoices.
 - Mod issued for \$147.7K for addn'l 2 weeks & for 3 gate retrofits; extended thru 30 April.
 - Breach repairs were transitioned 18 April to DJI.
 - **Additional extension issued to 15 August to cover repairs to three gates.**
- TCA Fencing PO issued to Capers in the amount of \$82,243.36 on 3 Jan 2013.
 - Mod issued 13 Mar extending contract to 12 May 2013, and adding \$89.8K.
 - **Provided justification to (b)(6), (b)(7)(C) for additional extension (to 31 May) in case Round V contract is delayed.**
- Working on budget and estimated quantities for EPT & TCA Fence and Roads contracts with (b)(6), (b)(7)(C), ECSO.
 - Schedule update:
 - TCA Fence – **Received CN request. (b)(6), (b)(7)(C) working with Contracting. May be able to award ~7 May. Still need extension on gap filler.**
 - TCA Roads – still requires negotiation
 - All EPT contract actions cancelled due to CTIMR
- Tactical Infrastructure Condition Index Working Group
 - Meeting held 8 April
 - Minutes/agenda sent 8 April for next meeting.

Good News

- (b)(7)(E) Project
 - EPWU water line drawings received for review/coordination against our project.
 - Visited site 18 April to review access needs for maintenance of grate in arroyo. Provided marked up map to (b)(6), (b)(7)(C)

• [Redacted] (b) (5)

Concerns

- EPT IAA for Vega Mowing
 - [Redacted] (b) (5)
 - (b)(6), (b)(7)(C) coordinated with IBWC to confirm their concurrence.
 - Package revised to reflect above approach and provided to (b)(6), (b)(7)(C) in Contracting on 9 April.
- **EPT MOA for Levee Road Maintenance**
 - (b)(6), (b)(7)(C) set up a call for Thursday with IBWC to discuss their Budget concerns.
- (b)(7)(E) Bridge – Security Requirements

(b) (5), (b)(6);(b)(7)(C)

- Prepared recommendations for M&R for CWP#2 access roads.
 - Discussions held 12 Oct with (b)(6); (b)(7)(C) to finalize task descriptions for access roads
- Received Primus recommendations for road M&R categories for future classification of M&R.
 - (b) (5), (b) (7)(E)
 - (b) (5), (b) (7)(E)
- Worked with (b) (6), (b) (7)(C) to clarify standards for cross slopes and aggregate thickness calculations

Deliverables

- RGV Gates IPT minutes & agenda

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), PE, PMP

Program Manager

LMI

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

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Border Patrol's proud legacy"*

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Funds Request, EPT Fencing Extension
Date: Thursday, March 14, 2013 4:00:06 PM
Attachments: [PR for extension 3-13-2013.doc](#)

(b) (6), (b) (7)(C)

Please process the attached funds request. It needs to go to (b) (6), (b) (7)(C). Thanks!

Scott

Scott Wilson, PE, PMP
Program Manager
LMI
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (202) 344-3225
Mobile: (609) 221-2422
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Tactical Infrastructure Procurement Request

Date: 3/13/2013

Completed by Division Staff / Project Management	
Complete and submit the Procurement Request (PR) form to the Financial Officer for review, revision, and/or approval. Please include the Statement of Work (SOW) and/or Statement of Objectives (SOO) and Independent Government Cost Estimate (IGCE).	
Subject Matter:	<i>EPT Fence Gap Filler Extension</i>
Originator Information:	Name: (b) (6), (b) (7)(C) PM / COR III
PR Amount:	(b) (5)
Contract Type:	8A
Contract Action:	P-Req to Procurement
Summary: This PR is to support the existing Fence Maintenance Contract (HSBP1013P00074). This contracts Period of Performance was extended from 2/23/13 to 3/31/13, and needs to extended again to 5/31/13. This PR is to support continued Fence Maintenance during this extended period.	
Completed by Financial Officer	
Funds Availability	
Fund:	
Fund Center:	
Functional Area:	
Object Class Distribution:	
PR#	
Date Entered into SAP	
Required Approvals	
Division Director: (If different from Originator)	Name Date
Financial Officer:	Name Date
TI Program Manager:	Name Date

From: (b) (6)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Naco PRD
Date: Tuesday, December 18, 2012 9:07:49 AM
Attachments: [PRD \(b\) \(7\)\(E\) TCA \(b\) \(7\)\(E\) rimary Fence Replacement v1 0-12182012.doc](#)
[MEMO TCA \(b\) \(7\)\(E\) fence Replacement FONSI signed.pdf](#)

Edited for new scope, attaching MFR for ENV

(b) (6), (b) (7)(C)

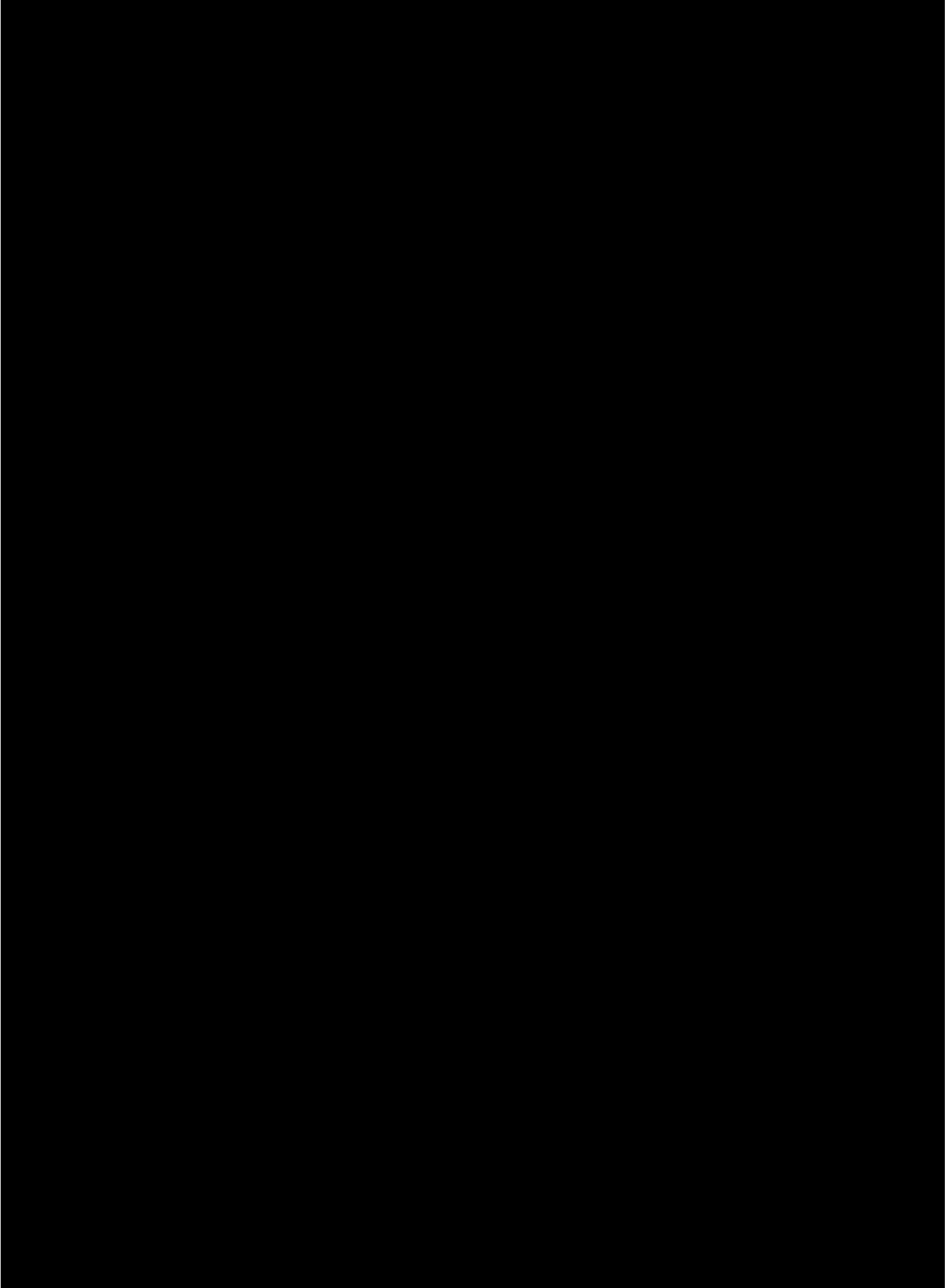
LMI

**2000 Corporate Ridge
McLean, VA 22102-7805**

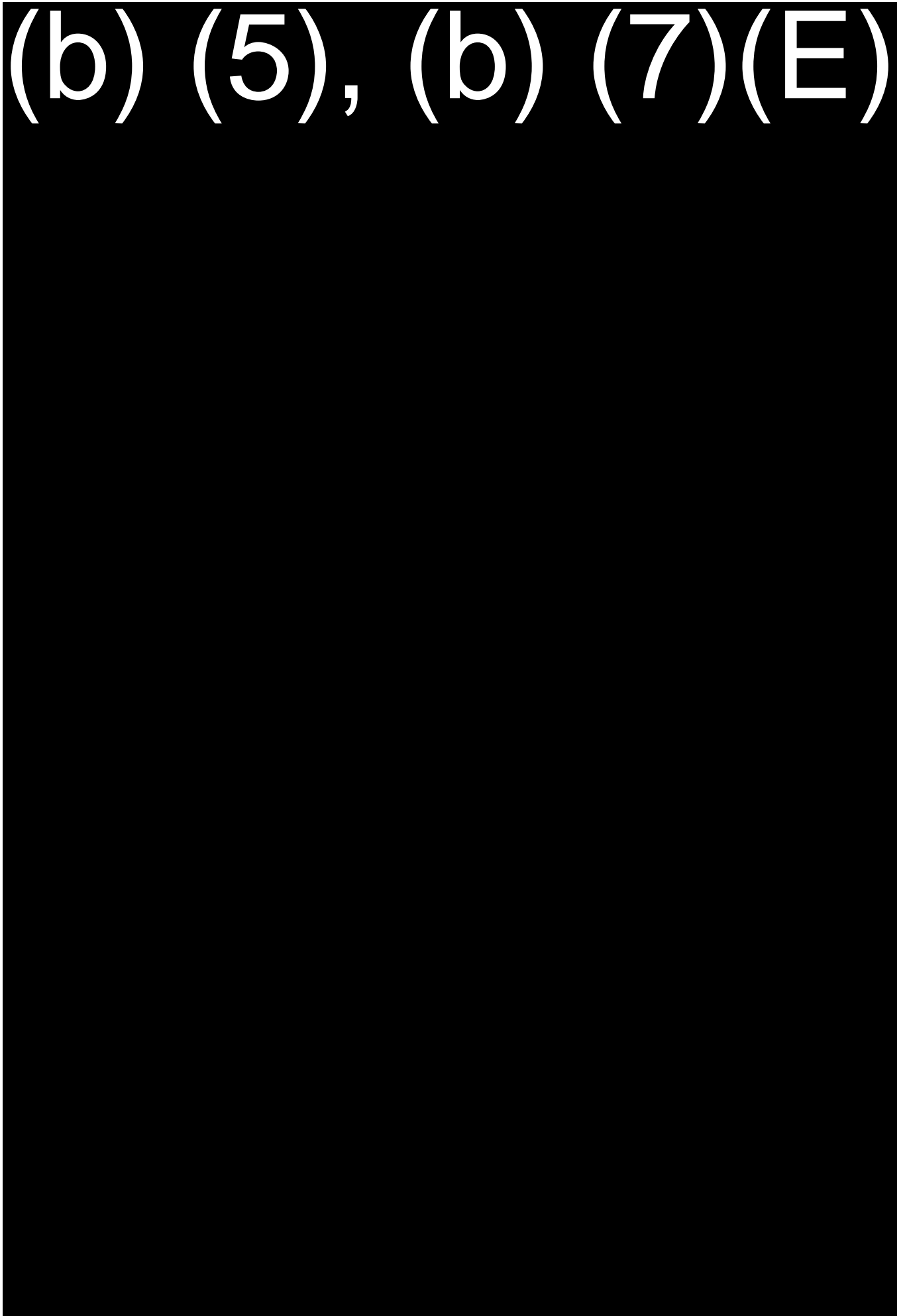
(b) (6), (b) (7)(C) P
(b) (6), (b) (7)(C) C

Complex Problems. Practical Solutions.
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(b) (5), (b) (7)(E), (b)(6);(b)(7)(C)



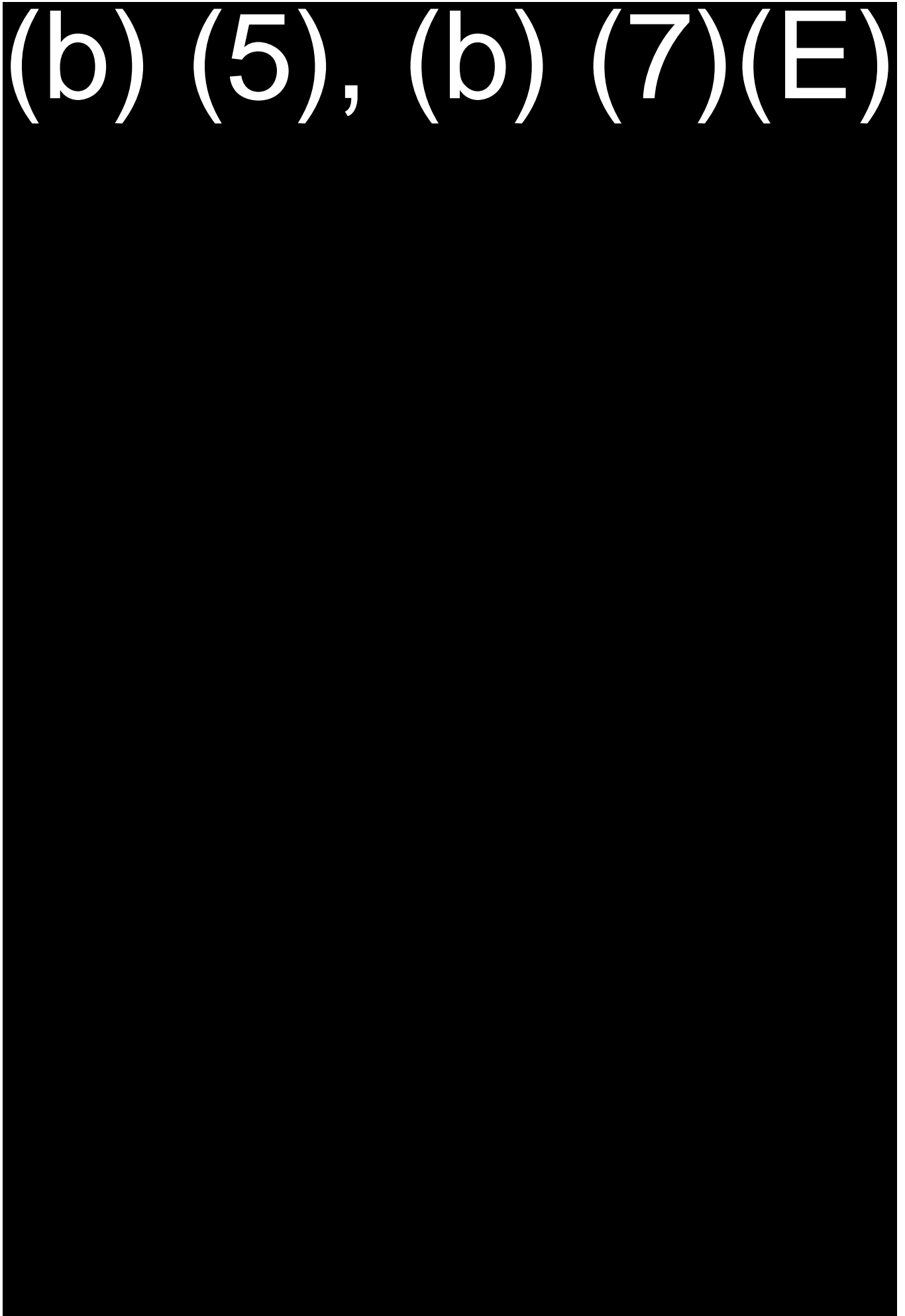
(b) (5), (b) (7)(E)



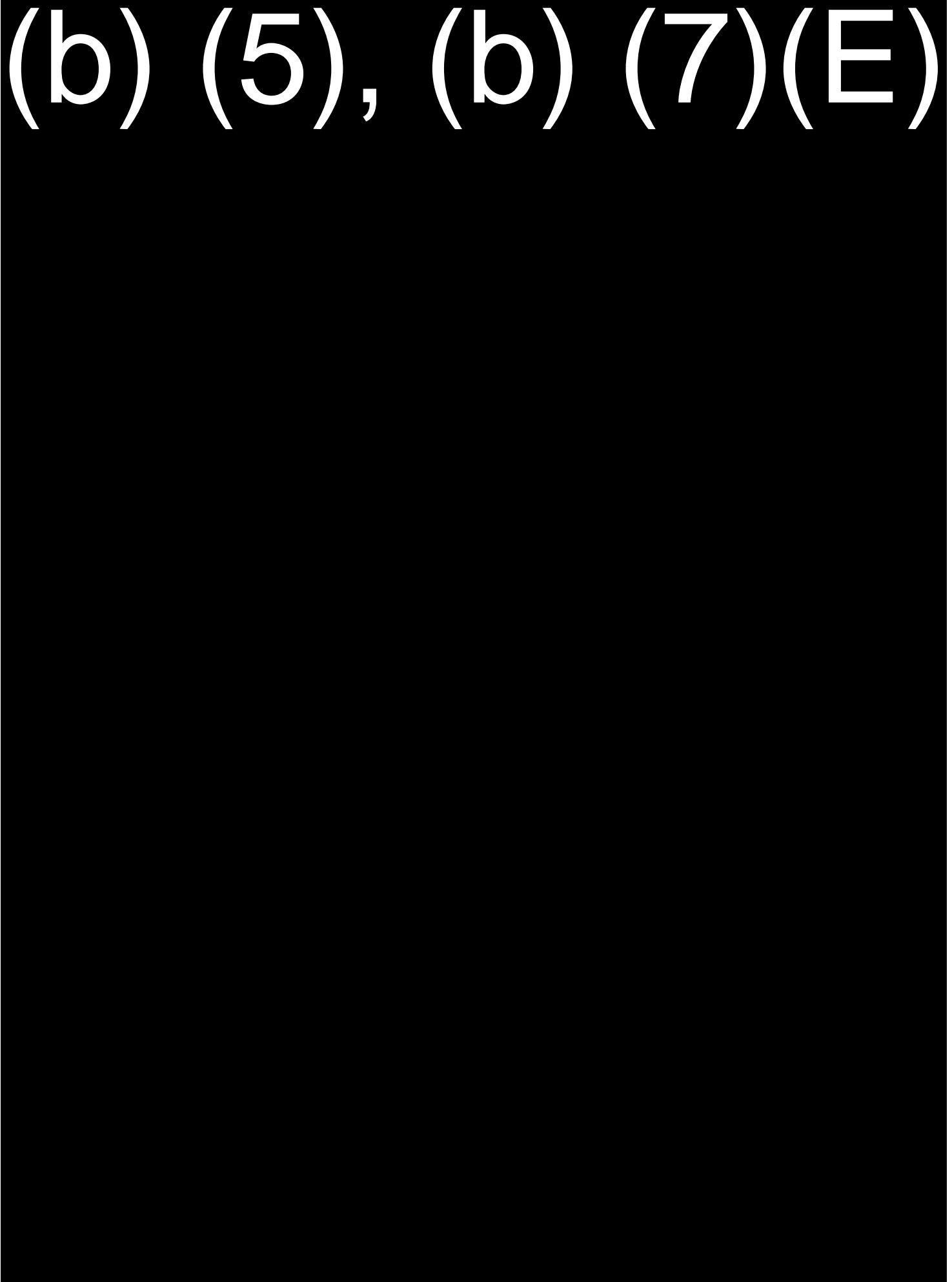
(b) (5), (b) (7)(E)



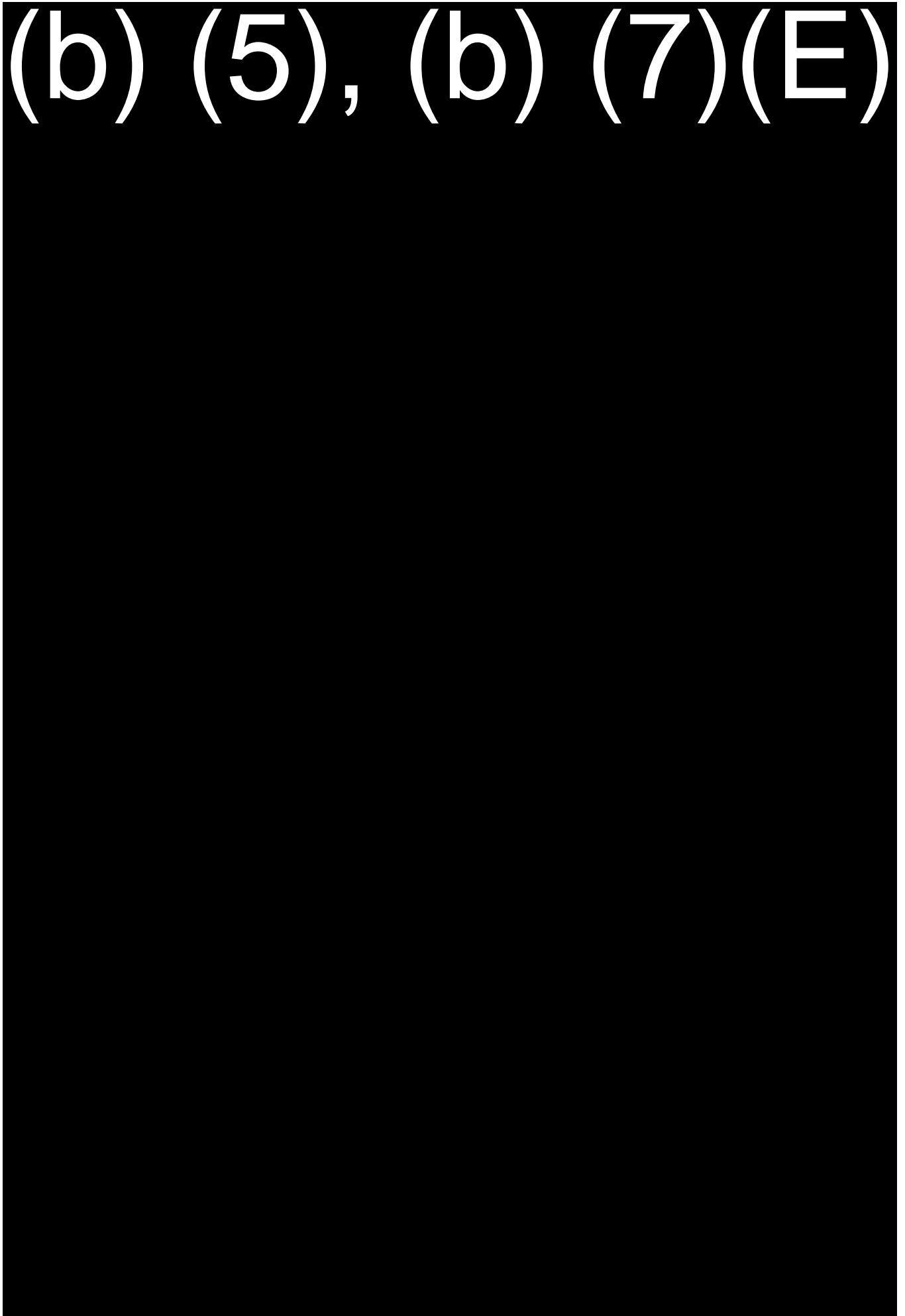
(b) (5), (b) (7)(E)



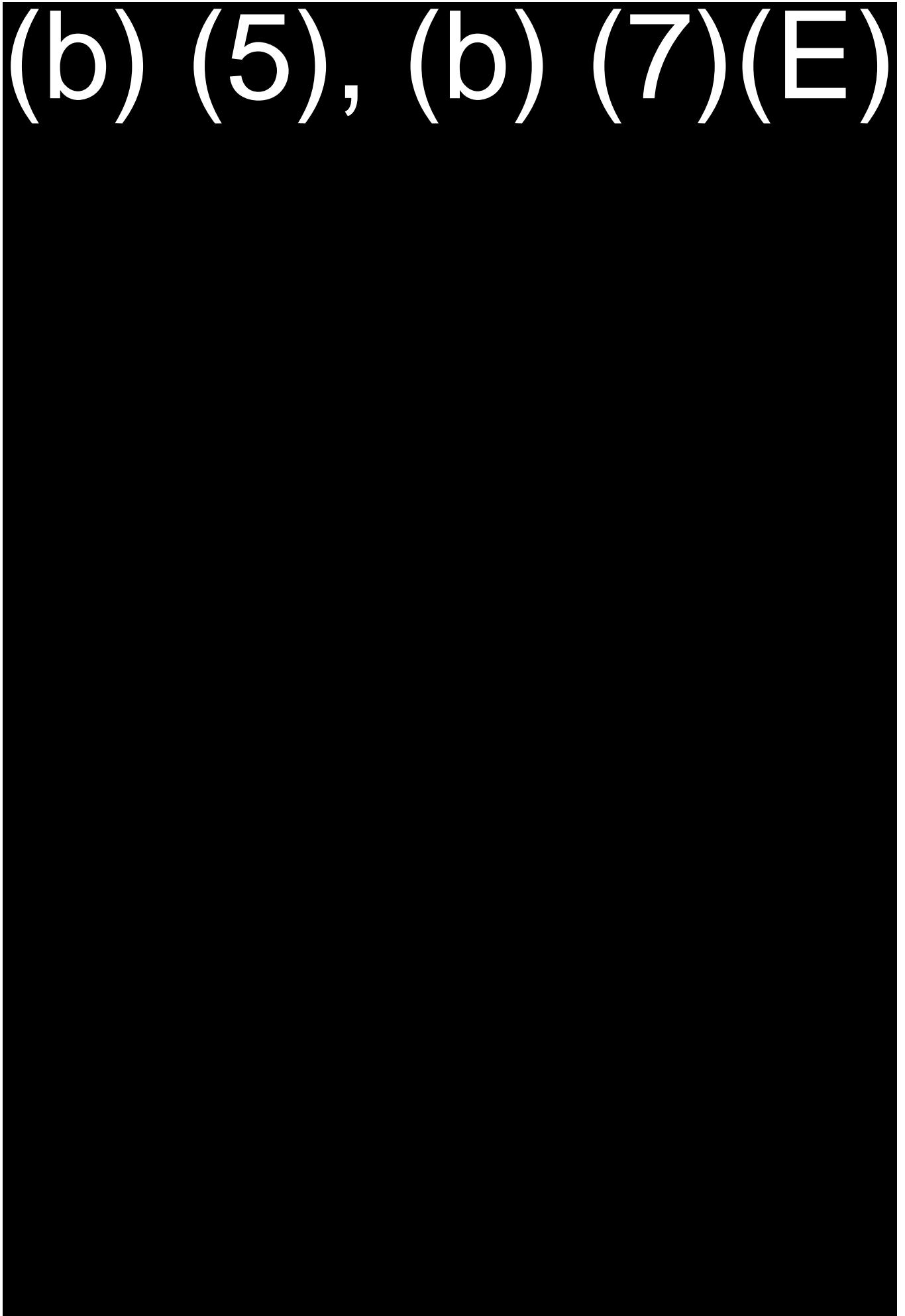
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(b) (5), (b) (7)(E)



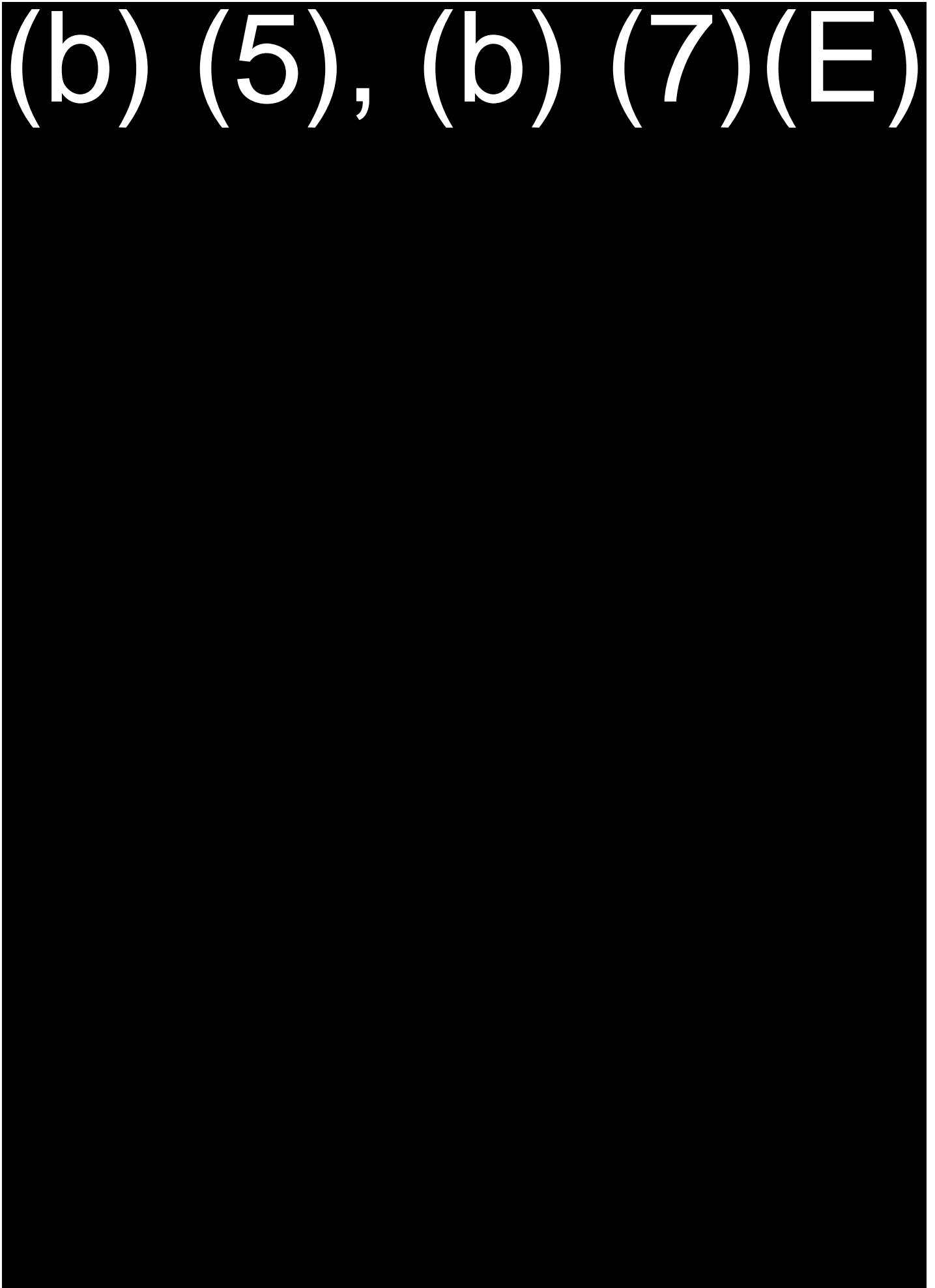
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(b) (5), (b) (7)(E)

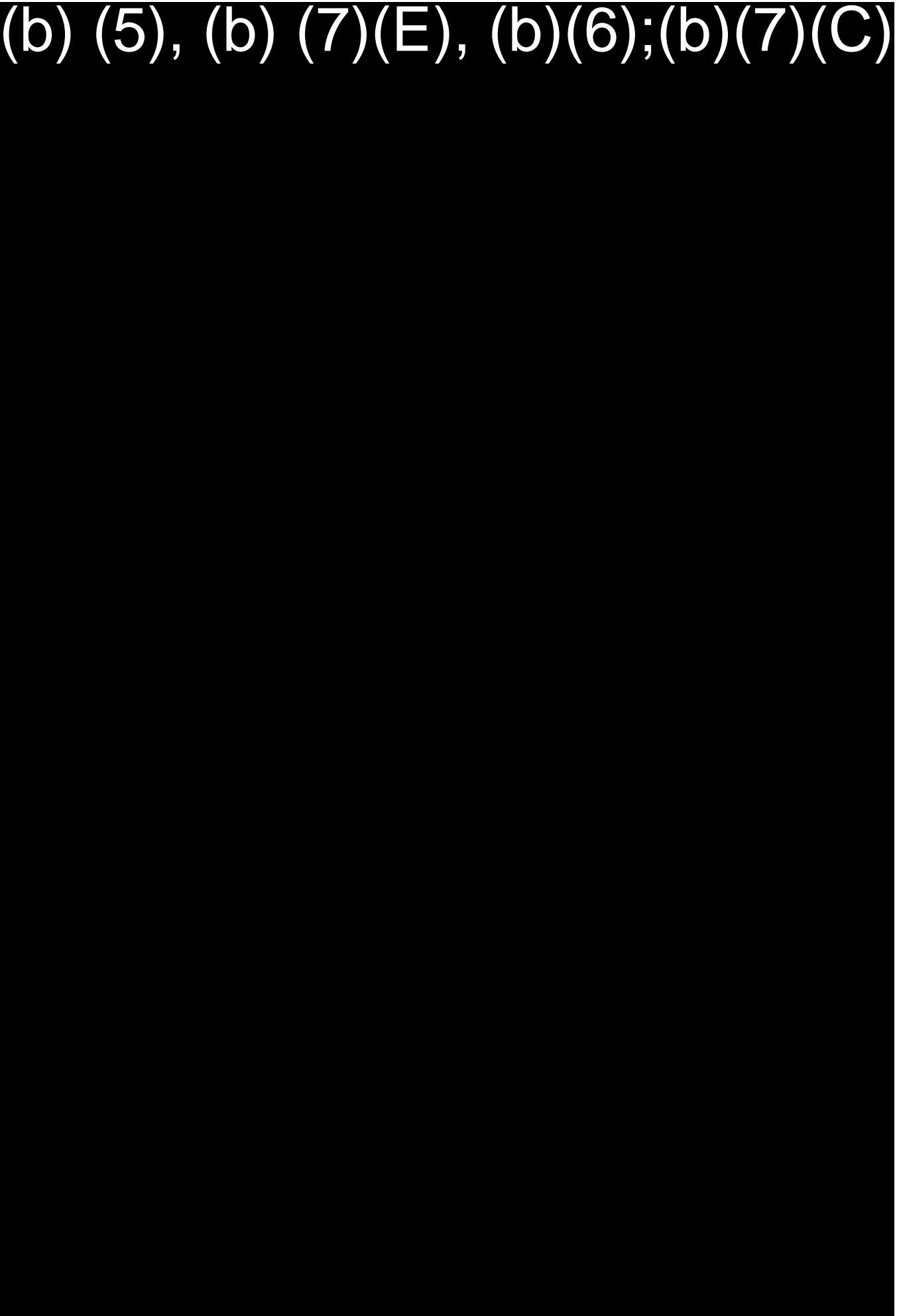
(b) (5), (b) (7)(E)

(b) (5), (b) (7)(E)



(b) (5), (b) (7)(E)

(b) (5), (b) (7)(E), (b)(6);(b)(7)(C)





**U.S. Customs and
Border Protection**

MEMORANDUM FOR:

(b) (6), (b) (7)(C)

Acting Executive Director
Facilities Management and Engineering

FROM:

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Director
Enterprise Management Office

SUBJECT:

Environmental Planning for Naco Replacement Fence,
Tucson Sector, Arizona

Purpose:

The purpose of this memorandum is to record for the file that prior National Environmental Policy Act and other environmental compliance documentation adequately addresses all environmental issues pertaining to replacement of the existing primary pedestrian fence located in Naco, Arizona. Consultation with the Arizona Historic Preservation Office has been initiated to confirm our finding of no effect and compliance with the National Historic Preservation Act will be completed prior to project initiation. Please indicate your concurrence with our determination by signing the last page of this memorandum.

Background:

Primary pedestrian fence extends approximately (b)(7)(E) miles to the (b)(7)(E) Port of Entry (POE). (b)(7)(E)

The overall safety and efficiency of current and future operations within the U.S. Border Patrol (USBP) (b)(7)(E) Station's area of responsibility (AOR) would be enhanced, as would the safety of residents in the Naco area, by the replacement of the existing fence with a more robust fence that meets all current criteria and specifications for pedestrian fence set by U.S. Customs and Border Protection (CBP).

The existing pedestrian fence was constructed over a period of time beginning in 1995. In 2000, the fence at Naco, Arizona, consisted of approximately (b)(7)(E) of landing mat fence (b)(7)(E) of the (b)(7)(E) POE and (b)(7)(E) of landing mat fence (b)(7)(E) of the (b)(7)(E) POE.

(b) (7)(E)

The existing primary pedestrian fence (i.e., expansion of the 2000 fence configuration) was addressed in the following four separate Environmental Assessments (EAs).

- *Environmental Assessment for Joint Task Force Six Fence/Road Improvements, Naco, Cochise County, Arizona.* The FONSI for this EA is dated August 2000. The proposed action under this EA was to extend the existing landing mat fence for 1 mile east from the end of the existing fence, which was approximately 1 mile east of the Naco POE.
- *Final Environmental Assessment for Infrastructure within the U.S. Border Patrol Naco-Douglas Corridor, Cochise County Arizona (ENV 139).* The Finding of No Significant Impact (FONSI) for this EA is dated August 2000. The proposed action under this EA was to construct 8 miles of landing mat fence west of the Naco POE, and 1 mile of landing mat fence on the east side of the Naco POE.
- *Final Environmental Assessment for Conversion of Vehicle Barriers to Landing Mat Fence, Naco Arizona (ENV 147)* for which the FONSI is dated October 2002. The proposed action under this EA was to convert 1.2 miles of vehicle barriers east of Naco, Arizona, into landing mat fence.
- *Final Supplemental Environmental Assessment for Infrastructure within the U.S. Border Patrol Naco-Douglas Corridor in Cochise County, Arizona (ENV 297).* The FONSI for this EA is dated November 2003. The preferred alternative under this EA included the extension of primary pedestrian fence approximately 6.2 miles westward beginning approximately 2 miles west of the Naco POE, and the installation of an additional 2.2 miles of primary pedestrian fence extending east starting 2.3 miles east of the Naco POE. Fence construction under this EA led to the current fence configuration, except that the secondary fence was never constructed. The EA describes four types of primary fence (i.e., landing mat, picket, bollard, and Sandia), and does not specify what fence type would be installed; nor does the environmental analysis of the EA make any distinction regarding impacts from installing these various types of primary fence. The EA does state that a majority of the fence would likely be landing mat configuration.

Proposed Action:

(b) (5), (b) (7)(E)

(b) (5)

Best Management Practices:

The following best management practices (BMPs) will be implemented to minimize impacts on the human and natural environment:

General Construction Activities:

Best management practices (BMPs) will be implemented as standard operating procedures during all construction activities, such as proper handling, storage, and disposal of hazardous and regulated materials. To minimize potential impacts from hazardous and regulated materials, all

fuels, waste oils, and solvents will be collected and stored in tanks or drums within a secondary containment system that consists of an impervious floor and bermed sidewalls capable of containing the volume of the largest container stored therein. The refueling of machinery will be completed following accepted guidelines, and all vehicles would have drip pans during storage to contain minor spills and drips. Although it would be unlikely for a major spill to occur, any spill will be contained immediately and an absorbent (e.g., granular, pillow, sock) will be used to absorb and contain the spill. Large spills will be contained within an earthen dike or other suitable containment. Any spill of a reportable quantity of a hazardous or regulated substance will be reported immediately to onsite environmental personnel, who would notify appropriate Federal and state agencies.

Nonhazardous solid waste (trash and waste construction materials) will be collected and deposited in the onsite receptacles. Solid waste receptacles will be maintained and solid waste would be collected and disposed of by a local waste disposal contractor.

Soils:

Vehicular traffic associated with the construction activities will remain on established roads to the maximum extent practicable. Areas with highly erodible soils will be given special consideration when designing the fence replacement project to ensure incorporation of various BMPs, such as straw bales, aggregate materials, and wetting compounds, to decrease erosion. A Storm Water Pollution Prevention Plan (SWPPP) will be prepared prior to construction activities, and BMPs described in the SWPPP will be implemented to reduce erosion.

Biological Resources:

Disturbed soil in temporarily impacted areas will be revegetated or landscaped. To minimize vegetation impacts, designated travel corridors will be marked with easily observed removable or biodegradable markers, and travel will be restricted to the corridor under most circumstances.

The Migratory Bird Treaty Act requires that Federal agencies coordinate with the U.S. Fish and Wildlife Service (USFWS) if a construction activity would result in any harm to a migratory bird, including breeding and nesting activities. If construction or clearing activities are scheduled during the nesting season (typically February 1 to August 31) preconstruction surveys for migratory bird species to identify active nests would occur immediately prior to the start of any construction activity. If construction activities would result in the disturbance or harm of a migratory bird, then coordination with the USFWS and the Arizona Game and Fish Department (AZGFD) would occur. Buffer zones would be established around active nests until nestlings have fledged and abandoned the nest as required.

Air Quality:

Soil watering will be used to minimize airborne particulate matter created during construction activities. Bare ground will be covered with hay or straw to lessen wind erosion following construction. Additionally, all construction equipment and vehicles will be kept in good operating condition to minimize exhaust emissions.

Water Resources:

Standard construction procedures will be implemented to minimize the potential for erosion and

sedimentation during construction. All work will cease during heavy rains and will not resume until conditions are suitable for the movement of equipment and material. Because the impact area is greater than 1 acre, as part of the National Pollutant Discharge Elimination System (NPDES) permit process, an SWPPP and Notice of Intent will be submitted to the U.S. Environmental Protection Agency and Arizona Department of Environmental Quality prior to the start of construction. Sedimentation and pollution of surface waters by fuels, oils, and lubricants will be minimized through the implementation of the SWPPP.

Noise:

During construction, short-term noise impacts are anticipated. All Occupational Safety and Health Administration (OSHA) requirements will be followed. To lessen noise impacts on the local communities, construction will only occur during daylight hours, whenever possible. All motor vehicle exhaust systems will be properly maintained to reduce the potential for vehicle-related noise.

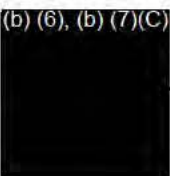
Transportation:

To reduce impacts on local transportation in Naco, construction traffic on city streets will be coordinated with local authorities, and proper flagging, signage, and barricades will be used to direct local traffic around construction zones.

Findings and Conclusions:

All impacts on the human environment arising from this action have been previously addressed in other EAs. No significant impacts are anticipated for any resource in the project vicinity. Therefore, no further environmental analysis or documentation is warranted. In implementing this decision, CBP would employ all practical means to minimize any impacts on the human and natural environment. In addition, CBP will provide a public notice of this activity in the appropriate local media.

Date: 6/20/11

Approve:  _____

Disapprove: _____

Modify: _____

Needs More Discussion: _____

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Subject: RE: RGV RE/ENV follow up
Date: Wednesday, November 30, 2016 7:38:04 AM

Thanks. (b) (6)

From: (b) (6), (b) (7)(C)
Sent: Tuesday, November 29, 2016 5:24:46 PM
To: (b) (6), (b) (7)(C)
Subject: RE: RGV RE/ENV follow up

10-4. We had a last minute fire drill a couple of weeks ago for the incoming administration. Basically RGV gave us its requirements for new TI as (b) (7)(E) of new fencing and (b) (7)(E) of new patrol roads. These roads are in addition to the road that will accompany the new fencing.

Interesting times.

(b) (6), (b) (7)(C)
Asst. Chief Patrol Agent
USBP / RGV Sector
Technology / TI / TACCOM
(b) (6), (b) (7)(C) (cell)

From: (b) (6), (b) (7)(C)
Sent: Tuesday, November 29, 2016 3:43:08 PM
To: (b) (6), (b) (7)(C)
Subject: FW: RGV RE/ENV follow up

(b) (6), (b) (7)(C) See below. Pressing to work what you need. (b) (5)

(b) (5)

It is being worked.

Let's see what comes back from your folks.

From: (b) (6), (b) (7)(C)
Sent: Tuesday, November 29, 2016 4:37:45 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: RGV RE/ENV follow up

Update...

BP is planning to provide us updated maps that show the requested maps over the existing FITT maps. This will facilitate our review and make sure we are working on the correct road segments. They have told us they should be able to provide these maps this week. We are working on our review and will complete it once we confirm the road locations with BP.

We will keep you posted.

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), PMP, CEP
Sr. Environmental Specialist
LMI Government Consulting
Border Patrol & Air and Marine Program Management Office (BPAM PMO)
Facilities Management and Engineering
1331 Pennsylvania Avenue, NW
Suite 1555, Mailstop 1102
Washington, DC 20229
Mobile: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)

Sent: Tuesday, November 22, 2016 8:54 PM

To: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Subject: RE: RGV RE/ENV follow up

Recap of today's meeting...

Attendees:

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Notes:

- (b) (6), (b) (7)(C) provided overview of meeting with RGV Sector on November 21. During this meeting BP informed team that Sector was developing an updated list of priority roads needing maintenance and repair. BP provided maps and list of roads on November 22.
- Team reviewed roads provided by BP and determined a path forward for completing RE and ENV clearance. (b) (6), (b) (7)(C) has requested BP provide updated maps overlaying the priority roads over the FITT maps. BP has agreed to provide by early next week. (b) (6), (b) (7)(C) and (b) (6), (b) (7) will review status of roads and determine process for clearance. (b) (6), (b) (7) will review from RE perspective and determine if any roads are within tracts associated with lawsuits and will submit to (b) (6), (b) (7)(C) to route through DOJ for review.
- Team will provide update to BP once review is complete of processes and timelines for completing reviews/clearances. The goal is to be as responsive as possible and complete clearances as quickly as possible to but also to provide BP with an update in case of potential delays, such as obtaining licenses from private landowners or litigation issues.
- BP ROEs were also discussed. It was determined BP ROEs were ok if BP was to conduct the M&R. If ENV surveys are required or if CTIMR is to conduct the work then FM&E licenses will be required. BP ROEs will not be added to FITT as ENV clearances but have been and will be provided to (b) (6), (b) (7) for reference.

Please let me know if there is anything I missed in the minutes above.

Thanks again for your participation in today's meeting. Happy Thanksgiving.

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), PMP, CEP
Sr. Environmental Specialist
LMI Government Consulting
Border Patrol & Air and Marine Program Management Office (BPAM PMO)
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Mobile: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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-----Original Appointment-----

From: (b) (6), (b) (7)(C)

Sent: Monday, November 21, 2016 5:22 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RGV RE/ENV follow up

When: Tuesday, November 22, 2016 2:00 PM-3:00 PM (UTC-05:00) Eastern Time (US & Canada).

Where: (b) (7)(E)

Follow up meeting to discuss RGV RE/ENV progress. No additional discussion regarding (b) (7)(E) work orders necessary.

Will send maps once they are provided by RGV. They have identified (b) (7)(E) and (b) (7)(E) as priority areas.

(b) (5), (b) (7)(E), (b)(6);(b)(7)(C)

<< File: 15 Roads Map.pdf >> << File: Priority List.xlsx >>

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Subject: Status Update - Gap & Interim Contracts
Date: Wednesday, May 29, 2013 2:03:10 PM
Attachments: [Status Summary Paper - Interim & Gap Fillers 5-29-2013.docx](#)
[MR Gap Analysis 29 May 2013.xlsx](#)

(b) (6), (b) (7)(C),

As requested, attached is the status of the various contracts, other than CTIMR, based on the best info available to me. (b) (6), (b) (7)(C) will be sending an updated burn rate report for Round 4 shortly. Also attached is the "gap analysis" chart, updated to reflect the current status.

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), PE, PMP

Program Manager

LMI

Border Patrol Facilities and Tactical Infrastructure Program Management Office Facilities
Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

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STATUS SUMMARY

GAP & INTERIM CONTRACTS

1. CTIMR is covering all work in WA #1, WA #3 and WA #4 except:
 - a. EPT Fence M&R contract (under CBP) is still working on retrofitting (b) gates to the trolley system used in the (b)(7)(E) gap filler gates. Work is scheduled to be completed by mid-August, after which the contract will be closed. All (b)(7)(E) and gate maintenance are being performed by Del Jen under CTIMR.
2. WA #2
 - a. All USACE Round 4 contracts have expired except:
 - i. Yuma Lighting M&R, which will be extended from the current 31 May expiration for 6 months using available funds on the contract.
 - ii. Yuma Lighting funds status - \$ (b) (5) on contract, or 33%, as of 15 Mar 2013 (waiting on updated burn rate report).
 - b. TCA – we have (b)(7)(E) and veg/debris that may be needed for rainy season, starting around June.
 - i. Fence
 1. CBP contract is in place and funded thru 15 June 2013.
 2. USACE Round 5 contract is ready for award, and is awaiting approval of the CN. Time will be limited to transition between contractors.
 - a. Funds for the first 3 months are with ECSO to allow award.
 - ii. Roads
 1. USACE Round 4 contract expired 24 Jan
 2. USACE Round 5 contract is being negotiated. Once negotiations are complete, the CN will be requested; expected shortly.
 3. Equipment rental – call order #2 is funded and approved, and at contracting for negotiations with rental company. Anticipated to be in place by 1 Jun.
 - iii. Gate Opening
 1. CBP contract expired
 2. New contract is funded/approved. TCA CO is negotiating sole source with 8(a) firm.
 - iv. Lighting
 1. CBP contract needs a 3 month extension, but waiting board approval of (b) (5) The extension is needed by 30 Jun.
 - v. Veg/Debris
 1. USACE Round 4 contract expired 21 May
 2. (b) (5) needed for ECSO POCA contract action; awaiting board approval.
 - vi. Coronado National Forest IAA – Option 2 will be partially funded with (b) (5) waiting board approval.

29 May 2013

- c. YUM – all work is being self-performed at this time, except as noted below.
 - i. Roads, Fence, Veg
 - 1. SOW being finalized for (b) (5) CBP contract to fill gap until CTIMR. In-house resources being used until then.
 - 2. (b) (5) is awaiting approval.
 - ii. Lighting – 6 month extension to Round 4 contract is being worked by ECSO using available funds. Current expiration date is 31 May.
- 3. ECSO Round 4 Funding Status
 - a. As of 15 Mar, \$23.9M was obligated on contracts, and \$18.7M was expensed or 78%.
- 4. ECSO Round 5 Funding Status
 - a. As of today, ECSO has \$2,243,000
 - i. Program management - \$85,000
 - ii. Engineering & RFP Support - \$40,000
 - iii. O&M Implementation Projects - \$2,118,000
 - b. ECSO will request funding for construction oversight ASAP for the Tucson contracts (Fencing, Roads, Veg/Debris)

Status of TI M+R Contracts
2012 Gap Plan

As of 26 Mar 2013

Status of Round IV vs Gap Fillers & CTIMR

ECSO Round IV Extension
CBP Gap Filler Extension
CTIMR Extension
TI WG Suppt
ECSO Round V

2013

As of: 10 Jan 13

Area 2 (YUM and TCA)	Rnd IV PoP	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Rnd V Awd	
(b) (5)																	
CTIMR (Awarded)																	Protest rec'd
Area 3 (EPT and BBT)	Rnd IV PoP	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb		
El Paso Fence	8-Jan-13															Cancelled	Extended to 15 Aug for retrofit to gates
CTIMR (Awarded)																	NTP ~5 April

Notes:

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: brief
Date: Tuesday, May 07, 2013 7:56:16 AM
Attachments: [8 May Brief V 2.0.ppt](#)

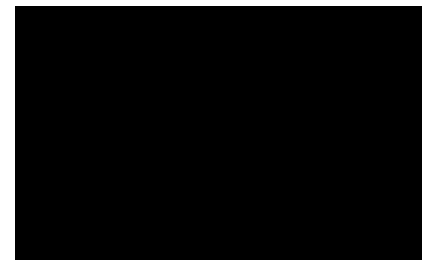
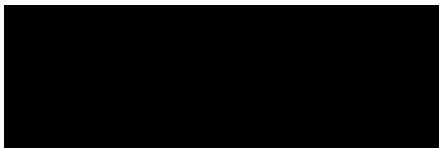
Completed brief

(b) (6), (b) (7)(C)
PM, TI
LMI
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
BB: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
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CBP Office of Administration

Facilities Management and Engineering

O-1 To O-3 Planning Brief

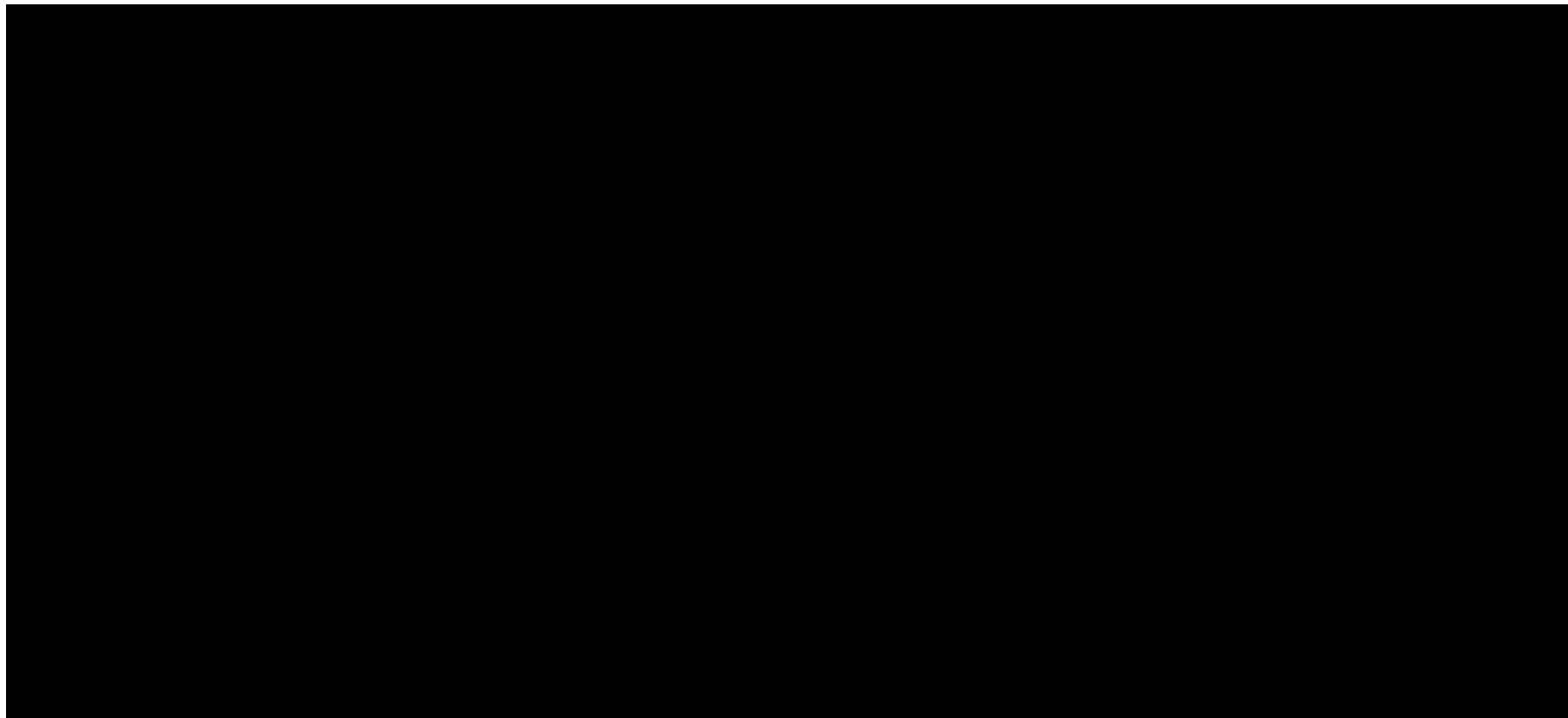
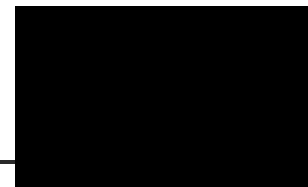


Agenda

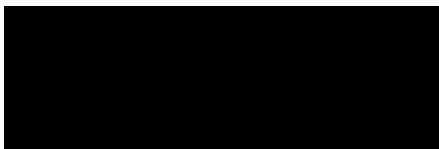
Purpose: Discuss O-1 to O-3 Planning Process and Use on Other Potential CIR Related Projects

- RGV Situation
- Acquisition Planning
- Budget
- Design
- Real Estate
- Environmental
- Risks
- Staffing
- Adapting to Change
- Next Steps

Rio Grande Valley Sector Numbers



Source: U.S. Customs and Border Protection, as reported in the USA Today (April 2, 2013)
**Only Tucson Sector has more apprehensions at 120,000*



Situation

Rio Grande Valley (RGV)

- (b) (7)(E) miles of border with Mexico
- (b) (7)(E) Border Patrol Stations
- Rio Grande City and McAllen Stations about O-1 to O-3

Existing Pedestrian Fence is (b) (7)(E) miles

O-1 to O-3 segments originally under Pedestrian Fence (PF) 225

- Comprises approximately (b) (7)(E) m of border between Roma and Rio Grande City (see map)
- Original alignment adjusted due to flood plane agreement with IBWC

South Texas is a high priority for Border Patrol

Acquisition Strategy and Timeline



- ✓ Flexible Approach;
- ✓ Leverage multiple vehicles (Existing MATOC, New MATOC, Stand-Alones)

Course of Action:

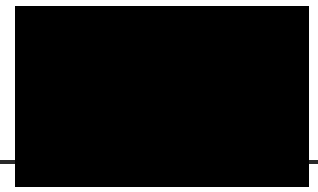
- Concurrently pursue Acquisition plans for both 'C' and MATOC strategies;
- Keep all options on the table;
- Retain flexibility to seize opportunities.

Base Plan:

Segment	O-3	O-1	O-2
Acq Strat	Existing MATOC	New MATOC	Stand Alone
Start			
Acq Plan Complete			
Base Contract Award			
RE Certified			
Construction Complete			



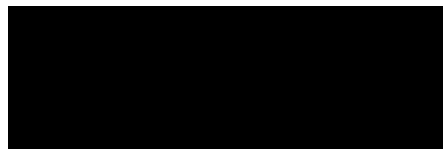
Budget



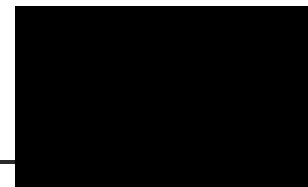
Total: (b) (5)

Primary Drivers:

- Construction (b) (5)
- Real Estate: [Redacted]
- Contingency (Risk): (b) (5)
- Program and Construction Management: (b) (5)



Design



O-1 through O-3 will be constructed using:

- Existing Design
- TI Design Standards

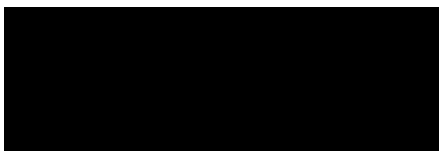
Bollard with Steel Plate

(b) (5), (b) (7)(E)



Gate

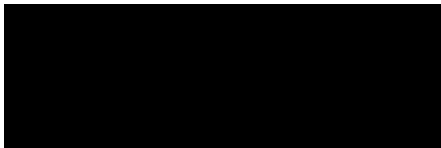
(b) (7)(E)



Real Estate



- ROM RE Budget: (b) (5)
- Projected RE Schedule: (b) (5)
- O-3: (b) (5) In Hidalgo County; Owners already ID'd; Title work underway)
- O-1: (b) (5) Starr County; (b) (5)
- O-2: (b) (5) Starr County + more new owners; (b) (5)
- Key Assumptions:
 - (b) (5)
 - (b) (5)
- Land Acquisition Options: (will be evaluated tract-by-tract)
 - (b) (5)
 - (b) (5)
- Significant Risks: (b) (5)



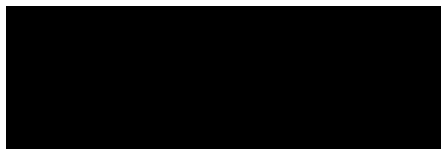
Environmental

- 2008 Environmental waiver applies
- CBP will maintain strong environmental stewardship
- Strong proactive outreach program required

Risk



- 3 Point Estimate:
 - Low: (b) (5)
 - Medium: (b) (5)
 - High: (b) (5)
- Top Risk Categories:
 - Real Estate
 - Latent Conditions
 - Contractor Performance
- Milestones Affected (In order of frequency):
 - Construction Start Date
 - Obtain ROE-SE
 - Real Estate Certification



Staffing

BPFTI

- Align PMs by corridors (Border Patrol style)
 - Example: PM to oversee and monitor San Diego, El Centro and Yuma
- Flex capability by using Sector PM/CORs
- Surge capability by tapping into Facilities PMs

ECSO

- Utilizing current staffing
- Leveraging existing USACE Districts capabilities
- Complementing CBP corridors
- Leveraging surge capabilities within USACE

Adapt to Changing Requirements

Aggressive planning and execution; retain flexibility to incorporate additional requirements

Consistent, Scalable Approach:

- Real Estate & Environmental
- Acquisition: 0-1, 2, 3 vehicles, existing vehicles in supporting Districts
- Risk: Real Estate driven
- Budget: Detailed estimates; risk-burdened
- Staffing: Corridor alignment

Leverage existing capabilities and capacities in supporting Districts

Past Success on Similar Programs

PF225
\$1.099B Program
USACE execution of (b) (7)(E)

VF300
\$255M Program
USACE execution of (b) (7)(E)

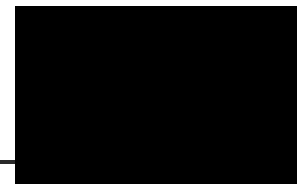
4 executing Districts in 2 Divisions

High visibility, high political interest

525+ USACE employees across
37 Divisions, Districts, and Labs

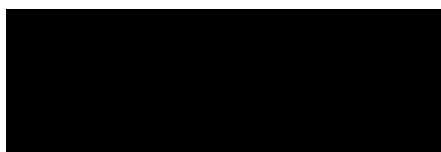
Environmental, Real Estate, and Strategic
Communications

Next Steps



-
-
-
-
-

(b) (5)



From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Weekly Report - 8 May (b)(6);(b)(7)(C)
Date: Wednesday, May 08, 2013 9:40:36 AM

(b) (6), (b) (7)

Changes from the last update are in red.

Hot Issues

- CTIMR contract post award conference held 3 & 4 April in El Paso.
 - Site visits held in LOB, DMN, STN and EPS on 15-18 April.
 - Provided review comments to (b)(6), (b)(7)(C) on field note compilation 24 April
 - Reviewed revised GWP and provided comments.
 - Working questions from site visit – RE/Env status questions, etc.
- RGV Gates
 - Work is progressing from (b)(7)(E) All gate foundation/slab work complete in Cameron County (b)(7)(E) Steel fabrication continues to delay progress for Weston.
 - Work is progressing on all Hidalgo County gates (b)(7)(E) except (b)(7)(E) in Hidalgo County
 - Gate testing in (b)(7)(E), (b)(7)(E) gates tested with USACE. Waiting for Weston to schedule QA testing with USACE for the next (b)(7)(E) gates.
 - The only outstanding RE clearances are for utility access rights. (b)(5)
 - Due to anticipated late utility access rights, we will need generator testing on an estimated (b)(7)(E) gates. Weston's estimated cost is about \$(b)(5) for each of (b)(7)(E) locations not already covered under the contract.
 - (b)(7)(E), (b)(5)
 - Gate Closure Communications
 - BOD has message on HOTLINE advising of new schedule, and is providing updates.
 - Landowner training
 - Sector training held for the Station trainers on 11/12 Dec.
 - OCC was provided final training documents for use by DOJ appraisers.
 - Sector has accepted final training documents; CD sent to Sector 25 March.
 - Sector advised at IPT that training at (b)(7)(E) Station for BP agents is ongoing. (b)(7)(E) have been notified to begin training, and Sector will notify (b)(7)(E) this week to begin.
 - IBWC coordination
 - Facilitated meeting with IBWC to discuss their approval of Design Packages #1 and #2. (b)(6), (b)(7)(C) arranged the meeting.
 - Provided real estate information they requested for (b)(7)(E) on 1 Feb.
 - IBWC approved DP#3; (b)(6), (b)(7)(C) will contact IBWC for formal approval.
 - (b)(6), (b)(7)(C) will prepare letter approving design and forward to (b)(6); (b)(7)(C)
 - Waiting on IBWC update on (b)(7)(E) Levee Rehab award.

- Received proposal for gate retrofit for up to (b)(7) gates.
- Prepared certification letters for (b)(6), (b)(7) for two invoices.
- Mod issued for \$147.7K for addn'l 2 weeks & for (b)(7) gate retrofits; extended thru 30 April.
 - Breach repairs were transitioned 18 April to DJI.
 - **Additional extension issued to 15 August to cover repairs to (b)(7)(E) gates.**
- TCA Fencing PO issued to Capers in the amount of \$82,243.36 on 3 Jan 2013.
 - Mod issued 13 Mar extending contract to 12 May 2013, and adding \$89.8K.
 - **Provided justification to (b)(6), (b)(7)(C) for additional extension (to 15 Jun) due to delays in Round V CN. (b)(6), (b)(7)(C) confirmed that she'll issue an extension mod before 12 May.**
- Working on budget and estimated quantities for EPT & TCA Fence and Roads contracts with (b)(6), (b)(7)(C), ECSO.
 - Schedule update:
 - TCA Fence – **Received CN request. (b)(6), (b)(7)(C) working with to get approval.**
 - TCA Roads – still requires negotiation
 - All EPT contract actions cancelled due to CTIMR
- Tactical Infrastructure Condition Index Working Group
 - Meeting held 8 April
 - Minutes/agenda sent 8 April for next meeting.

Good News

- (b)(7)(E) Project
 - EPWU water line drawings received for review/coordination against our project.
 - Visited site 18 April to review access needs for maintenance of grate in arroyo. Provided marked up map to (b)(6), (b)(7)(C)
 - (b)(5)

Concerns

- EPT IAA for Vega Mowing
 - (b)(5)
 - (b)(6), (b)(7) coordinated with IBWC to confirm their concurrence.
 - Package revised to reflect above approach and provided to (b)(6), (b)(7)(C) in Contracting on 9 April.
- **EPT MOA for Levee Road Maintenance**
 - (b)(6), (b)(7)(C) set up a call for Thursday with IBWC to discuss their Budget concerns.
 - **IBWC to review MOA within next 2 weeks. (b)(5)**
 - Discussed IBWC tort claim question with (b)(6), (b)(7)(C) (OCC) and will schedule follow-up call with IBWC for next week thru (b)(6), (b)(7)(C)
- (b)(7)(E) Bridge – Security Requirements
 - Span across Rio Grande has been installed, with fencing to deter pedestrian traffic.
 - Status as of 22 March 2013
 - Gas pipeline has been relocated and CC contractor has submitted a schedule to complete the project. Completion of (b)(7)(E) project is on hold, per County's

- (b)(7)(E) 100% design review comments
- (b)(7)(E) Bridge retaining wall design review comments
- CTIMR WA#3, revised GWP review comments
- Scheduled Gates, Ph 2 update for AAA

(b) (6), (b) (7)

(b) (6), (b) (7)(C) PE, PMP

Program Manager

LMI

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

*"Excel as a trusted strategic partner enhancing
Border Patrol's proud legacy"*

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
(b) (6) (b) (6), (b) (7)(C) (b) (6), (b) (7)(C)
(b) (6)
Cc: (b) (6), (b) (7)(C)
Subject: RE: CIR O-1 thru O-3 Brief
Date: Tuesday, May 07, 2013 3:31:12 PM
Attachments: [8 May Brief V 4.ppt](#)

<<8 May Brief V 4.ppt>>

(b) (6), (b) (7)(C)

CTR-LMI

BPFTI PMO

OF: (b) (6), (b) (7)(C)

BB: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

-----Original Appointment-----

From: (b) (6), (b) (7)(C)
Sent: Monday, May 06, 2013 6:32 AM
To: (b) (6), (b) (7)(C)
(b) (6) (b) (6), (b) (7)(C) (b) (6), (b) (7)(C)
(b) (6)
Cc: (b) (6), (b) (7)(C)
Subject: FW: CIR O-1 thru O-3 Brief
When: Wednesday, May 08, 2013 2:00 PM-3:00 PM (UTC-05:00) Eastern Time (US & Canada).
Where: BPFTI Large Conf Room/ VTC/ (b) (7)(E)
Importance: High

(b) (6), (b) (7)(C) asked me to forward this invite to you

-----Original Appointment-----

From: (b) (6), (b) (7)(C) On Behalf Of (b) (6), (b) (7)(C)
Sent: Tuesday, April 23, 2013 4:31 PM
To: (b) (6), (b) (7)(C)
(b) (6) (b) (6), (b) (7)(C) (b) (6)
Cc: (b) (6), (b) (7)(C)
Subject: CIR O-1 thru O-3 Brief
When: Wednesday, May 08, 2013 2:00 PM-3:00 PM (UTC-05:00) Eastern Time (US & Canada).
Where: BPFTI Large Conf Room/ VTC/ (b) (7)(E)
Importance: High

Purpose is for TI Director (b) (6), (b) (7)(C) to update XD and other Directors on status and path forward. Agenda and read aheads forthcoming.

R/

CBP Office of Administration

Facilities Management and Engineering

O-1 to O-3 Planning Brief



U.S. Customs and
Border Protection



Agenda

Purpose: Discuss O-1 to O-3 Planning Process and Use on Other Potential CIR Related Projects

- RGV Sector Numbers
- Situation
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- Budget
- Design
- Real Estate
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Situation

Rio Grande Valley (RGV)

- (b) (7)(E) of border with Mexico
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Acquisition Strategy and Timeline

- ✓ Flexible Approach
- ✓ Leverage multiple vehicles (Existing MATOC, New MATOC, Stand-Alones, Steel)

Course of Action:

- (b) (5)
-
-

Base Plan:

Segment	O-3	O-1	O-2
Acq Strat	(b) (5)		
Start			
Acq Plan Complete			
Base Contract Award			
Design Complete			
RE Certified			
Construction Complete			



Design

O-1 through O-3 will be constructed using:

- Existing Design
- TI Design Standards

Bollard with Steel Plate

Gate

(b) (5), (b) (7)(E)



Real Estate

- ROM RE Budge (b) (5)
- Projected RE Schedule: (b) (5)
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- Key Assumptions:
 - (b) (5)
 - (b) (5)
- Land Acquisition Options: (will be evaluated tract-by-tract)
 - (b) (5)
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- Significant Risks: (b) (5)
(b) (5)

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
(b) (6); (b) (6), (b) (7)(C)
Cc: (b) (6); (b) (6), (b) (7)(C); (b) (6), (b) (7)(C)
Subject: RE: CIR Pre brief
Date: Tuesday, May 07, 2013 3:30:45 PM
Attachments: [8 May Brief V 4.ppt](#)

Latest version attached. <<8 May Brief V 4.ppt>>

(b) (6), (b) (7)(C)

CTR-LMI

BPFTI PMO

OF: (b) (6), (b) (7)(C)

BB: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

-----Original Appointment-----

From: (b) (6), (b) (7)(C)
Sent: Wednesday, May 01, 2013 3:00 PM
To: (b) (6), (b) (7)(C); (b) (6)
(b) (6), (b) (7)(C)
(b) (6)
(b) (6), (b) (7)(C)
Cc: (b) (6); (b) (6), (b) (7)(C)
(b) (6); (b) (6), (b) (7)(C)
Subject: CIR Pre brief
When: Tuesday, May 07, 2013 11:00 AM-11:45 AM (UTC-05:00) Eastern Time (US & Canada).
Where: B155 Large conf room/ (b) (7)(E)

Purpose: Pre-brief for meeting with Mr. Calvo on 5/7

CBP Office of Administration

Facilities Management and Engineering

O-1 to O-3 Planning Brief



U.S. Customs and
Border Protection



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Purpose: Discuss O-1 to O-3 Planning Process and Use on Other Potential CIR Related Projects

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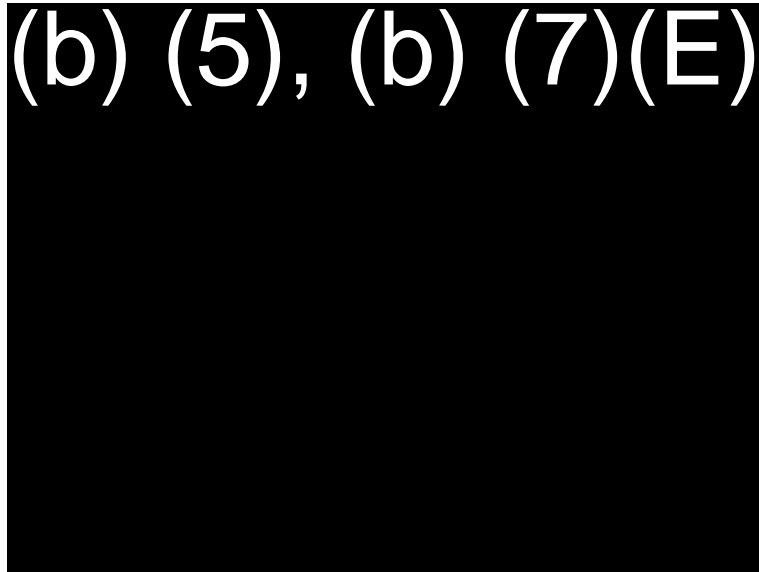
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To: (b) (6), (b) (7)(C) | (b) (6) | (b) (6), (b) (7)(C)
(b) (6) | (b) (6), (b) (7)(C)
Cc: (b) (6) | (b) (6) | (b) (6), (b) (7)(C) | (b) (6), (b) (7)(C)
Subject: RE: CIR Pre brief
Date: Tuesday, May 07, 2013 10:31:36 AM
Attachments: [8 May Brief V 3.1.ppt](#)

Attached is briefing for today <<8 May Brief V 3.1.ppt>>

(b) (6), (b) (7)(C)

CTR-LMI

BPFTI PMO

OF: (b) (6), (b) (7)(C)

BB: (b) (6), (b) (7)(C)

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Sent: Wednesday, May 01, 2013 3:00 PM
To: (b) (6), (b) (7)(C)
(b) (6)
(b) (6), (b) (7)(C) | (b) (6)
Cc: (b) (6) | (b) (6), (b) (7)(C) | (b) (6), (b) (7)(C)
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CBP Office of Administration Facilities Management and Engineering

O-1 to O-3 Planning Brief



U.S. Customs and
Border Protection



Agenda

Purpose: Discuss O-1 to O-3 Planning Process and Use on Other Potential CIR Related Projects

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Rio Grande Valley Sector Numbers



Source: U.S. Customs and Border Protection, as reported in the USA Today (April 2, 2013)

*Only Tucson Sector has more apprehensions at 120,000



U.S. Customs and Border Protection

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Start			
Acq Plan Complete			
Base Contract Award			
RE Certified			
Construction Complete			



Budget

Total: (b) (5)

Primary Drivers:

- Construction: (b) (5)
- Real Estate: (b) (5)
- Contingency (Risk): (b) (5)
- Program and Construction Management: (b) (5)
- Design: (b) (5)
- Environmental: (b) (5)



U.S. Customs and
Border Protection

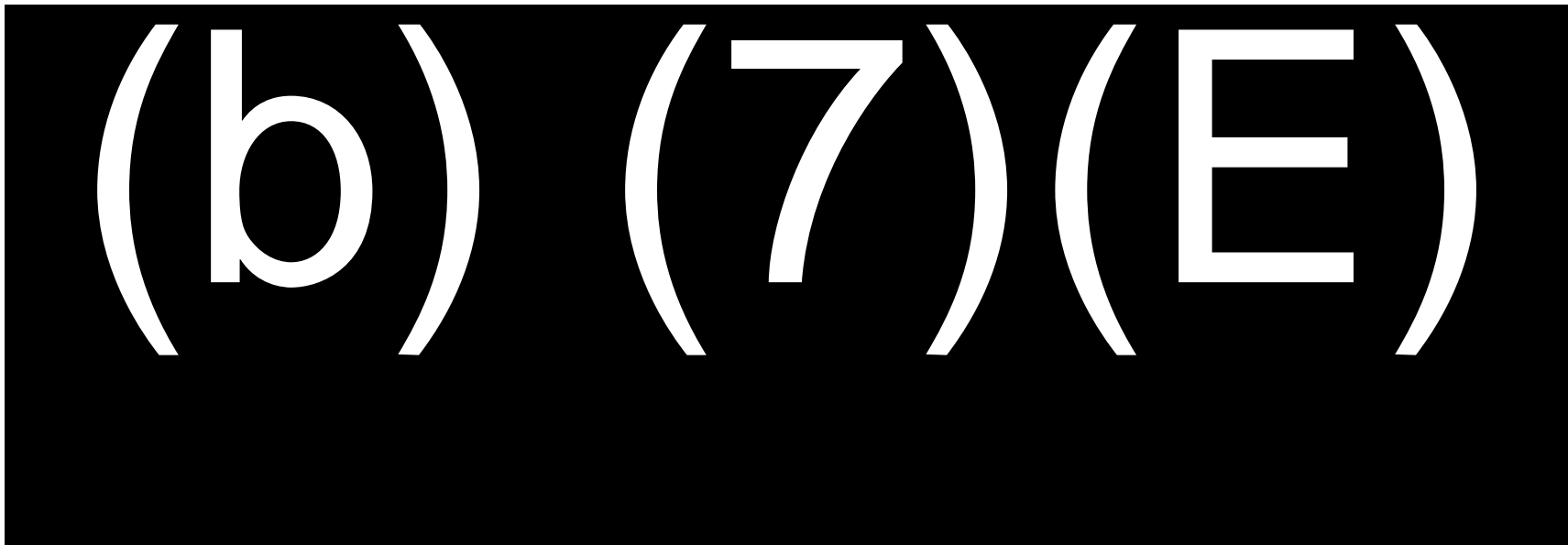
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U.S. Customs and
Border Protection

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 - (b) (5)
 - (b) (5)
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 - (b) (5)



Environmental



- 2008 Environmental waiver applies
- CBP will maintain strong environmental stewardship
- Strong proactive outreach program required



U.S. Customs and
Border Protection

Risk

- 3 Point Estimate:
 - Low: (b) (5)
 - Medium: (b) (5)
 - High: (b) (5)
- Top Risk Categories:
 - Real Estate
 - Latent Conditions
 - Contractor Performance
- Milestones Affected (In order of frequency):
 - Construction Start Date
 - Obtain ROE-SE
 - Real Estate Certification



Staffing



BPFTI

- Align PMs by corridors (Border Patrol style)
 - Example: PM to oversee and monitor San Diego, El Centro and Yuma
- Flex capability by using Sector PM/CORs
- Surge capability by tapping into Facilities PMs

ECSO

- Utilizing current staffing
- Leveraging existing USACE Districts capabilities
- Complementing CBP corridors
- Leveraging surge capabilities within USACE



U.S. Customs and
Border Protection

Adapt to Changing Requirements

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U.S. Customs and
Border Protection

Next Steps

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-
-

(b) (5)



From: (b)(6); (b)(7)(C)
To: (b)(6); (b)(7)(C)
(b)(6)
Cc: (b)(6)
(b)(6); (b)(7)(C)
Subject: RE: CIR Pre brief
Date: Tuesday, May 07, 2013 10:47:06 AM
Attachments: [8 May Brief V 3.2.ppt](#)

Updated budget and ENV slides <<8 May Brief V 3.2.ppt>>

(b)(6); (b)(7)(C)

CTR-LMI

BPFTI PMO

OF: (b)(6); (b)(7)(C)

BB: (b)(6); (b)(7)(C)

(b)(6); (b)(7)(C)

From: (b)(6); (b)(7)(C)
Sent: Tuesday, May 07, 2013 10:32 AM
To: (b)(6); (b)(7)(C)
(b)(6)
Cc: (b)(6)
(b)(6); (b)(7)(C)
(b)(6); (b)(7)(C)
Subject: RE: CIR Pre brief

Attached is briefing for today << File: 8 May Brief V 3.1.ppt >>

(b)(6); (b)(7)(C)

CTR-LMI

BPFTI PMO

OF: (b)(6); (b)(7)(C)

BB: (b)(6); (b)(7)(C)

(b)(6); (b)(7)(C)

-----Original Appointment-----

From: (b)(6); (b)(7)(C)
Sent: Wednesday, May 01, 2013 3:00 PM
To: (b)(6); (b)(7)(C)

(b) (6), (b) (7)(C) | (b) (6)
(b) (6), (b) (7)(C) |
Cc: (b) (6) | (b) (6), (b) (7)(C)
(b) (6) | (b) (6), (b) (7)(C)

Subject: CIR Pre brief

When: Tuesday, May 07, 2013 11:00 AM-11:45 AM (UTC-05:00) Eastern Time (US & Canada).

Where: B155 Large conf room/ (b) (7)(E)

Purpose: Pre-brief for meeting with Mr. Calvo on 5/7

CBP Office of Administration

Facilities Management and Engineering

O-1 to O-3 Planning Brief



U.S. Customs and
Border Protection



Agenda

Purpose: Discuss O-1 to O-3 Planning Process and Use on Other Potential CIR Related Projects

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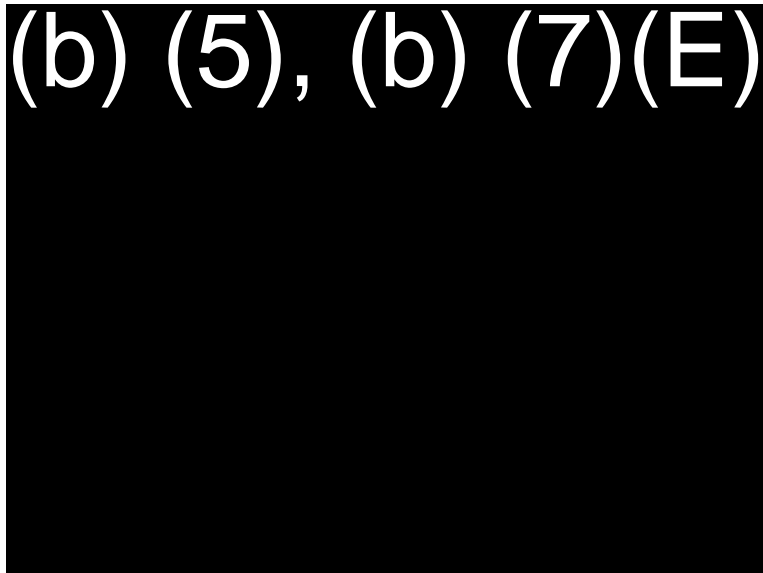
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Gate



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From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Fw:
Date: Monday, May 06, 2013 4:27:17 PM
Attachments: [8 May Brief V 1.2.ppt](#)
[01 - 03 BPFTI PMO Risk Register 05062013-1.xls](#)

(b) (6), (b) (7)(C) can you review ppt please? Waiting on one picture from (b) (6), (b) (7)(C) on gates and this is ready to go

From: (b) (6)
Sent: Monday, May 06, 2013 04:25 PM Eastern Standard Time
To: (b) (6), (b) (7)(C)
Subject: RE:

(b) (6), (b) (7)(C)
LMI

From: (b) (6), (b) (7)(C)
Sent: Monday, May 06, 2013 3:37 PM
To: (b) (6), (b) (7)(C)
Subject:

(b) (6), (b) (7)(C)
PM, TI
LMI
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C) 
BB: (b) (6), (b) (7)(C) 
(b) (6), (b) (7)(C)
Excel as a trusted strategic partner enhancing
Border Patrol's proud legacy

(b) (5)

(b) (5)

(b) (5)

(b) (5), (b) (7)(E)

(b) (5)

(b) (5)

(b) (5), (b) (7)(E)

(b) (5), (b) (7)(E)

(b) (5)

(b) (5)

(b) (5)

(b) (5), (b) (7)(E)

(b) (5)

(b) (5), (b) (7)(E)

(b) (5)

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: FW: RFP - 0020 - Proposal for (b)(7)(E) Gate Swap
Date: Wednesday, March 20, 2013 8:31:07 AM
Attachments: [W912BV-08-D-2012 - \(b\) \(7\)\(E\), RFP-0020 \(b\)\(7\)\(E\) Gate Swap Response 3-14-13.pdf](#)
(b) (7)(E), (b) (3) [2A RFP 20.pdf](#)
(b) (7)(E), (b) (3) [2 Proposal.pdf](#)

(b) (6), (b) (7)

(b)(3), (b) (5), (b) (7)(E)

(b) (6), (b) (7)

(b) (6), (b) (7)(C), PE, PMP
Program Manager
LMI
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
"Excel as a trusted strategic partner enhancing
Border Patrol's proud legacy"

-----Original Message-----

From: (b) (6)
Sent: Tuesday, March 19, 2013 4:23 PM
To: (b) (6), (b) (7)(C)
Subject: FW: RFP - 0020 - Proposal for (b)(7)(E) Gate Swap

(b) (6), (b) (7)

(b)(3), (b) (5), (b) (7)(E) Let me know if you
have any questions and if CBP still wants to construct this gate.

Thanks,

(b) (6), (b) (7)

-----Original Message-----

From: (b) (6)
Sent: Thursday, March 14, 2013 9:18 PM
To: (b) (6)
Subject: RFP - 0020 - Proposal for (b)(7)(E) Gate Swap

(b) (6),

Please find attached the proposal for the RFP - 0020 (b)(7)(E) gate swap. Also attached is pricing
breakdown for key subcontractors (foundation and steel). Please let me know if you have any questions.

Thanks,

(b)(3), (b) (6)



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(b)(3)

(b)(3)

(b) (3)

(b) (3)

(b) (7)(E), (b) (3), (b) (6)

CONFIDENTIALITY: This email and attachments may contain information which is confidential and proprietary. Disclosure or use of any such confidential or proprietary

(b) (3), (b) (7)(E)

(b) (3)

(b) (3)

(b) (3)

(b) (3), (b) (6)

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6); (b) (6), (b) (7)(C)
Subject: FW: Andrade Fence Repair - 90% Submittal
Date: Friday, November 02, 2012 4:18:45 PM
Attachments: [Andrade Fence Repair 90% Submittal SOW & Provisions 100312.pdf](#)
Importance: High

(b) (6), (b) (7)(C) and (b) (6), (b) (7)(C)

Copy of the Andrade SOW created by the Corps.

(b) (5)

More discussion on Tuesday.

Thanks.

(b) (6), (b) (7)(C), CBM, PMP
Division Director, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
Sent: Thursday, October 04, 2012 7:36 AM
To: (b) (6), (b) (7)(C); (b) (6)
Cc: (b) (6), (b) (7)(C)
Subject: FW: Andrade Fence Repair - 90% Submittal

(b) (6), (b) (7)(C)

FYSA – Baker's on schedule with their commitment of deliverables for Andrade.

(b) (5)

S.

(b) (5), (b)(6);(b)(7)(C)

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)
*Branch Chief - TI Division Projects, Maintenance and Repair
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)*

(b) (6), (b) (7)(C)

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From: (b) (6)
Sent: Wednesday, October 03, 2012 9:08 PM
To: (b) (6) (b) (6), (b) (7)(C) (b) (6) (b) (6), (b) (7)(C) (b) (6)
(b) (6) (b) (6) (b) (6), (b) (7)(C) (b) (6)
(b) (6) (b) (6)
Cc: (b) (6), (b) (7)(C)
Subject: Andrade Fence Repair - 90% Submittal

Hello,

We are pleased to provide the 90% submittal for the Andrade Fence Repair Project for your review and comment. Attached to this email you will find the 90% SOW & Provisions which includes the following documents:

1. 90% Construction Plans
2. Access & Staging Map
3. 90% Construction Specifications
4. Geotechnical Testing Results

We will follow up tomorrow with the project cost estimate, as we are making a few adjustments based on the attached documents.

Please return any comments you may have by COB this Friday using the attached spreadsheet and I will have them compiled for use on the upcoming comment resolution call. Also, please pass this on to anyone who needs to review, but I did not include them on the distribution.

If you have any questions, please feel free to contact me.

Thanks,

(b) (6)

(b) (6), PE
Technical Manager
Michael Baker Jr., Inc.
2929 N. Central Ave., Suite 800
Phoenix, AZ 85012

Front Desk: (b) (6)
Direct: (b) (6)
Mobile: (b) (6)
Fax: (b) (6)

ANDRADE PRIMARY FENCE REPAIR
OFFICE OF BORDER PATROL, YUMA SECTOR
CUSTOMS AND BORDER PROTECTION
DEPARTMENT OF HOMELAND SECURITY

PART I

GENERAL SCOPE OF WORK PROVISIONS

1.1.1. Scope of Work. The work in the base portion of this contract shall consist of furnishing all labor, tools, equipment, materials, supplies, and personnel necessary for the construction of replacement fence for the portion of the Andrade fence (C-1) that was undermined and collapsed along the International Border between the U.S. and Mexico within the Yuma Sector, Yuma Border Patrol Station in Imperial County, California as described and in accordance with the attached exhibits and specifications and the attached clauses and instructions for a period of 60 days from Notice to Proceed. This section is referred to as Area 2 within the attached exhibits.

The work in Option 1 of this contract shall consist of furnishing all labor, tools, equipment, materials, supplies, and personnel necessary for the stabilization of existing fence for the portion of the Andrade fence (C-1) immediately to the east of Area 2, henceforth known as Area 3, within the Yuma Sector, Yuma Border Patrol Station in Imperial County, California as described and in accordance with the attached exhibits and specifications and the attached clauses and instructions for a period of 45 days from Notice to Proceed.

The work in Option 2 of this contract shall consist of furnishing all labor, tools, equipment, materials, supplies, and personnel necessary for the stabilization of existing fence for the portion of the Andrade fence (C-1) immediately to the west of Area 2, henceforth known as Area 1, within the Yuma Sector, Yuma Border Patrol Station in Imperial County, California as described and in accordance with the attached exhibits and specifications and the attached clauses and instructions for a period of 45 days from Notice to Proceed.

1.1.2. Duration of Contract. The length of the base portion of this contract is for 60 days starting at the date of Notice to Proceed. The length of Option 1 of this contract is for 60 days starting at the date of Notice to Proceed. The length of Option 2 of this contract is for 60 days starting at the date of Notice to Proceed

1.1.3. Safety. The Contractor shall be responsible for instructing his workers in appropriate safety measures. The Contractor and his personnel shall adhere to all safety requirements as outlined in “U.S. Army Corps of Engineers Safety and Health Requirements Manual,” EM 385-1-1, 15 September 2008. Failure to compile with EM 385-1-1 could result in the stoppage of work by the Contracting Officer.

a. Accident Prevention Plan and Activity Hazard Analysis. The successful bidder shall be responsible for completing an Accident Prevention Plan covering the contract and an Activity Hazard Analysis for each activity taking place during the contract which is acceptable to the Contracting Office and the Safety Office of the Los Angeles District prior to commencement of any work as called for in EM 385-1-1, paragraph 01.A.07 and 01.A.09, and Appendix A.

b. Monthly Safety Meetings. At least one safety meeting shall be conducted monthly by the Contractors Representative for all workers as called for in EM 385-1-1, paragraph 01.B.03.

Information on the monthly safety meeting shall be reported on SWG Form 392, Minutes of Safety Meeting, and submitted at the end of each month as required in paragraph 1.1.18d.

- c. Exposure and Accident Reporting. The Contractor shall keep records of all time worked and all injuries and accidents which occur during the performance of this contract. Exposure information (time worked) shall be reported on SWD Form 743, Monthly Exposure Report, and submitted at the end of each month as required in paragraph 1.1.18d. The Contractor shall report any accident or injury which may result in a permanent disability or fatality to the Contracting Officer immediately. Any accident or injury involving the general public shall be reported to the Contracting Officer immediately. Any accident or injury which result in a visit to a doctor, hospital, or involves a lost work day, or involves property damages of over \$500 shall be reported to the Contracting Officer no later than the next work day. The Contractor shall be responsible for keeping records on all injuries no matter how minor requiring first aid treatment. Accident information shall be reported on SWD Form 517, First Aid Case History Report, and submitted at the end of each month as required in paragraph 1.1.18d. Additional information may be found in EM 385-1-1, paragraph 01.D. In addition to the accident reporting requirements listed above, the Contractor shall inform Border Patrol within four hours after any accident that involves Border Patrol personnel or property, the necessity of EMS, media involvement or any damage to private property.
- 1.1.4. Security. It shall be the Contractor's responsibility to furnish security for personnel and to safeguard material, equipment, etc. as the need is determined by the Contractor. This will include but not limited to actual project sites, and or staging areas and storage facilities. The Customs and Border Patrol will not provide security for the contractor. The Border Patrol agents shall respond to routine security matters/threats if and when they occur. Both the Contractor and Border Patrol shall provide phone numbers to be used in emergency situations. As a part of the security requirement, the Contractor shall be responsible for the development of a Security Plan in conjunction with the Health and Safety Plan. The detailed Security Plan shall include details such as, but not limited to; "fall back positions", evacuation routines and methods, muster area, medical staff members/availability, number of security personnel, qualifications, years of experience, etc. in the event of a hostile attack. This plan shall be reviewed by USACE Safety and Security Officers for inspection and final acceptance prior to activities. The Contractor shall bring three (3) copies of the security plan to the post-award coordination conference.
 - 1.1.5. Damage Responsibility. The Contractor shall be responsible for restoring any government facilities, structures, or trees damaged as a result of his operations. He shall also be responsible for any damage to private and/or personal property and/or injury to any person as a result of his operations. The Contractor shall notify the Contracting Officer immediately of any such damage or injury.
 - 1.1.6. Contractor Liaison. Beginning on the date of Notice to Proceed (NTP) on this Task Order, the Contractor shall be continuously available to the U.S. Army Corps of Engineers' representatives for response to requests for information, discussion of contract performance, and other contract administration activities such as billing or payment, etc.
 - a. FOR EMERGENCY CIRCUMSTANCES ONLY: The Contractor shall provide the names, job titles, and contact information, to include telephone numbers (business, cell phones, facsimile, pager numbers, etc.) of a senior manager within the Contractor's organization, and a minimum of one similarly qualified alternate to serve as continuously available liaison with the USACE. The Contractor shall submit the above information to the Contracting Officer by email within two calendar days following receipt of the Task Order award. During the contract period, the Contracting Officer and the Contracting Officer's Representative (COR) shall be notified immediately, by email, of any changes regarding the designated liaisons.
 - 1.1.7. Contractor's Personnel. All personnel used in the performance of this contract shall be well trained in the task they actually perform. All members of the Contractor's crew who are participating in

construction activities must have completed background checks and obtained appropriate clearances as detailed in Section H.

a. Contractor's Representative. The contractor shall designate a responsible representative in charge of the work who shall be at the work site during all hours worked by the Contractor's personnel or a Sub-Contractor's personnel. This representative shall be knowledgeable in the work to be performed and shall be able to represent the Contractor during any on-site discussions concerning this contract. He/she shall be able to communicate knowledgeably in English.

b. Sub-Contractors. All sub-Contractors used in the performance of this contract shall be qualified in the work which they perform. All Sub-Contractors shall abide by all conditions of the contract. The use of a Sub-Contractor does not relieve the Contractor of any responsibilities of this contract. The Contractor shall obtain approval for the use of a Sub-Contractor from the COR prior to using the Sub-Contractor.

- 1.1.8. Non-Disclosure. Neither the Contractor, nor the Contractor's representatives, shall release any report, data, specification, photograph, cost estimate, nor other information in any form obtained or prepared under this contract without prior written approval of the Contracting Officer.
- 1.1.9. Discrepancies. Any discrepancies found in the contract documents by the offeror shall be identified to the Contracting Officer before the submittal of the offeror's proposal. The offeror is solely responsible for the content of the proposal and its compliance with all contract requirements and all referenced codes and criteria.
- 1.1.10. Work Schedule. Work on this contract shall be performed between the hours of 6:00 AM to 6:00 PM, Monday through Friday excluding federal holidays.
- 1.1.11. Work Plan. The Contractor shall submit a Work Plan that includes, but is not limited to a list of equipment, staging area locations, location of disposal, dust control, schedule, capacity and dimensions of haul trucks, quantity of material expected per truck, etc.
- 1.1.12. Work Limits and Access to Work Site. All work, including construction, staging, hauling, ingress and egress, shall be limited to areas of Government owned property, areas the Government has obtained easements, and areas the Government has an appropriate property interest. The project corridor, staging area and ingress/egress limits are shown on the map located in Appendix 2. The Contractor shall ensure all materials, equipment, vehicles, personnel and any other construction related items and/or activities be contained within the work limits. The Contractor shall coordinate with the local Border Patrol station for access to the work site. The Contractor shall ensure, to the extent possible, that the patrol road is not blocked due to construction activities. Additionally, the Contractor shall not enter Mexican land or airspace with personnel or equipment.
- 1.1.13. Invoicing and Payment. The Contractor shall invoice for work according to the Price Schedule found within this contract. Lump Sum items shall be invoiced on a percent complete at the time of the invoice. The Contractor shall provide description of work completed up to the date of the invoice with each invoice. Payment will be made on a monthly basis for all work completed during that month and only for work that has been inspected and accepted as described in paragraph 1.1.12 above. The copy of the invoice as required in Paragraph 1.1.18d, will be compared against the daily reports for verification of all work before payment is made. All submittals as required in paragraph 1.1.18d, for that month shall also be provided before payment is made.

The Contractor shall not receive final payment until all identified punch list items are resolved and final "as-built" information is approved and delivered to the COR.

- 1.1.14. Contracting Officers Packet of Information. After the apparent Contractor has been selected and before work commences, the COR shall provide the Contractor with a packet of information

containing:

- a. An EM 385-1-1, Safety and Health requirements Manual,
- b. Examples of an Accident Prevention Plan and an Activity Hazard Analysis,
- c. Fifteen SWG Forms 407, Safety Inspection Checklist,
- d. Thirteen SWD Forms 743-J, Monthly Exposure Report,
- e. Thirteen SWG Forms 392, Minutes of Safety Meetings,
- f. Thirteen SWD forms 517, First Aid Case History Report,
- g. Two ENG Forms 3394, Accident Investigation Report,
- h. A supply of daily reports,
- i. Three monthly submittal registers.

If additional forms are needed the Contractor shall contact the Contracting Officer. The Contractor may use forms which he/she has developed if approved by the Contracting Officer.

1.1.15. Pre-Construction Meeting. On a mutually agreed upon date, the Contractor shall be required to attend a Pre-Construction Meeting where he will meet with the COR as well as other officials having an interest in the contract. At this time the Contractor shall provide the COR with all required submittals and discuss the contract. If the COR is satisfied with all submittals and feels that the Contractor is qualified to perform the work the Contractor may then begin work.

1.1.16. Submittals.

a. At the Pre-Construction Meeting the apparent Contractor shall be required to submit the following information to the COR:

- (1) A letter containing:
 - (a) A statement acknowledging full understanding of the contract plans and specifications.
 - (b) A list of references for which the contractor has performed similar work previously,
 - (c) The name and qualifications of the Contractor's representative,
 - (d) The name and qualifications of any sub-contractors which the Contractor plans to utilize and a description of the work the sub-contractor shall perform.

If information changes during the contract period, the Contractor shall inform the Contracting Officer in writing at least fifteen (15) days in advance of these changes or when additional information becomes available.

- (2) Certification of roll-over protection,
- (3) Proof of insurance,
- (4) Accident Prevention Plan and Activity Hazard Analysis,

- (5) Work Plan
- (6) Security Plan
- (7) Project Schedule
- (8) Crane Critical Lift Plan
- (9) Proof of Qualification for Crane Operators
- (10) Quality Control Plan
- (11) Environmental Protection Plan
- (12) Waste Management Plan

b. The Contractor shall be responsible for constructing new fencing, stabilization measures and associated project components per the construction plans (See Appendix 1) and technical specifications (See Appendix 3). Prior to start of construction, the Contractor shall submit shop drawings and other such information to the COR for review and approval. The following list of shop drawings is provided for the Contractor's convenience and does not necessarily represent all required shop drawing submittals. The Contractor shall also review the technical specifications for other miscellaneous submittal requirements.

Demolition Plan, G
Survey layout, G
Crane Plan, G
Drilled Shaft Plan, G
Concrete Mix Designs, G
Precast Retaining Wall Manufacturer's Specifications, G
Pre-cast Retaining Wall Layout & Details, G
Structural Steel, G
Weld Qualifications, G
Reinforcing Steel, G
Trenching Plan, G

c. At the end of each work day or on the morning of the following day the Contractor shall submit a completed daily report and geospatial data collection report. After an inspection of the work covered by the daily report, the COR will sign the report and return a copy of it to the Contractor. Any deficiencies in the work or discrepancies between the daily report and the inspection will also be noted. Attached to the daily report shall be the SWG FORM 407, "Safety Inspection Checklist for Equipment" as discussed in paragraph 1.2.2a, for all equipment put into service on that day.

d. At the end of each month in which work is performed the Contractor shall submit a properly certified invoice containing Contractors name and address as shown on the contract, the contract number, the period covered by the invoice, and an itemized listing of work performed during the invoice period to:

USACE, Finance Center
7800 Third Avenue
Attn: Mail Stop 322
Millington, Tennessee 38054-8001

e. At the end of each month in which work was performed the Contractor shall make the following submittals to the COR at :

Location To Be Determined

- (1) Submittal register,
- (2) A copy of the invoice submitted to the USACE Finance Center,
- (3) SWD Form 743-J, Monthly Exposure Report,
- (4) SWG Form 392, Minutes of Safety Meeting,
- (5) SWD Form 517, First Aid Case History Report,
- (6) ENG Form 3394, Accident Investigation Report, if necessary.

The COR may require additional submittals if necessary without any change in the contract price.

1.1.17. Storage of Equipment and Materials. The contractor shall be responsible for finding a location to store their equipment and materials. Any equipment or material stored shall be maintained in a neat and orderly fashion to the satisfaction of the COR. The Corps of Engineers and Border Patrol shall not be responsible for the protection of any equipment or material. The COR shall reserve the right to require the immediate removal of any and/or all equipment and material if deemed in the best interest of the government.

1.1.18. .

1.1.19. Contractors Inspection. The Contractor inspection date and time can be found at FAR 52.236-27 ALT 1 within this RFQ.

1.1.20. Geospatial Data Collection. The Contractor shall submit geospatial data collection report per paragraph 2.1.14.

1.1.21. Final Inspection and Acceptance of Work. The Contractor shall be responsible for coordinating and conducting a punch list walk through of the project in conjunction with the COR and Customs & Border Protection representative. The Contractor shall generate the punch list of all items identified and agreed upon by all parties during the walk through. The final walk through shall be conducted once the punch list items are complete. The Contractor shall be responsible for coordinating and conducting the final walk through with the COR and Customs and Border Protection representative no later than 14 calendar days following the punch list walk through.

PART II**SCOPE OF WORK TECHNICAL PROVISIONS**

- 2.1.1. Scope of Work. The work in the base portion of this contract shall consist of furnishing all labor, tools, equipment, materials, supplies, and personnel necessary for the construction of replacement fence for the portion of the Andrade fence (C-1) that was undermined and collapsed along the International Border between the U.S. and Mexico within the Yuma Sector, Yuma Border Patrol Station in Imperial County, California as described and in accordance with the attached exhibits and specifications and the attached clauses and instructions for a period of 60 days from Notice to Proceed. This section is referred to as Area 2 within the attached exhibits.

The work in Option 1 of this contract shall consist of furnishing all labor, tools, equipment, materials, supplies, and personnel necessary for the stabilization of existing fence for the portion of the Andrade fence (C-1) immediately to the east of Area 2, henceforth known as Area 3, within the Yuma Sector, Yuma Border Patrol Station in Imperial County, California as described and in accordance with the attached exhibits and specifications and the attached clauses and instructions for a period of 45 days from Notice to Proceed.

The work in Option 2 of this contract shall consist of furnishing all labor, tools, equipment, materials, supplies, and personnel necessary for the stabilization of existing fence for the portion of the Andrade fence (C-1) immediately to the west of Area 2, henceforth known as Area 1, within the Yuma Sector, Yuma Border Patrol Station in Imperial County, California as described and in accordance with the attached exhibits and specifications and the attached clauses and instructions for a period of 45 days from Notice to Proceed.

- 2.1.2. Site Locations and Description. The following are descriptions of the Andrade Primary Fence Repair project corridor. See the attached exhibit for general location of the areas.

- a. Area 2 begins approximately (b) (7)(E) miles west of the Algodones port of Entry (POE) and extends approximately (b) (7)(E) feet to the east. The project consists of installing new pedestrian style bollard (P-3) fence with a reinforced concrete foundation that will connect to the existing fence and foundation on either side of the current fence opening. To support the new fence and reduce the risk of future damage on the south side of the fence, a modular concrete block retaining wall will be installed approximately (b) (7)(E) north of International Border. The area between the fence and the retaining wall will be backfilled with (b) (5), (b) (7)(E).
(b) (5), (b) (7)(E)
- b. Area 3 begins on the east end of Area 2 and extends approximately (b) (7)(E) feet to the east, ending approximately (b) (7)(E) miles west of the Algodones POE, just west of Border Monument (b) (7)(E). Stabilization measures will consist of the installation of (b) (7)(E)-inch diameter drilled shafts spaced at (b) (7)(E)-feet (b) (7)(E) on center located approximately (b) (7)(E)-feet south of the existing fence. The area between the drilled shafts and the existing fence will be backfilled with AASHTO (b) (5), (b) (7)(E).
- c. Area 1 begins approximately (b) (7)(E) miles west of the Algodones POE and extends approximately (b) (7)(E) feet to the east, connecting to the west end of Area 2. Stabilization measures will consist of installation of (b) (7)(E)-inch diameter drilled shafts spaced at (b) (7)(E)-feet (b) (7)(E) inches on center located approximately (b) (7)(E)-feet south of the existing fence. The area between the drilled shafts and the existing fence foundation will be stabilized with a fiber reinforced shotcrete slab over compacted soil cement.
- d. See Appendix A for specific delineation of the base and option items. The specifications provided in Appendix C apply to base and option items.

- 2.1.3. Equipment. The Contractor shall have available adequate equipment in the opinion

- of the Contracting Officers Representative to perform all aspects of the work described. The equipment shall be in good operating condition and be used for its intended purpose. The Contractor shall make all equipment available to the Contracting Officers Representative for inspection at any time upon request. If in the opinion of the Contracting Officer any equipment is unsafe, unsuitable, or inadequate for the work which it is to be used for, the equipment shall be removed from the job site and/or additional or replacement equipment acquired.
- a. Equipment Safety Inspection. Before any mechanized equipment is placed into service, it shall be inspected and tested by a person familiar with operations of that equipment as called for in EM 385-1-1, Paragraph 18.A.03.
- b. Crane: The Contractor shall submit a proposed crane plan to the COR for review and approval. The crane plan shall show the proposed crane set up locations for all proposed crane activities and detail any required utility coordination. The crane plan shall also include the specific model of each crane, the dimensions, wheel sizes, number of wheels, wheel spacing, tire pressure(s), number of axles, axle spacing, minimum wheel load to be exerted during operations and maximum outrigger load to be exerted during operations. The Contractor shall allow at least 10 working days for acceptance/non-acceptance of the crane work plan. No crane operations shall begin prior to written acceptance of the crane work plan by the COR, who shall be the Government approving authority.
- 2.1.4. Existing Conditions. The Contractor, in the presence of the COR, shall document existing site conditions via video recording and photographs prior to start of construction. Documentation shall include condition of all existing roads (on-site and egress/ingress), structures, utilities and structures within and immediately adjacent to the project site. The COR will have the final approval that the documentation has been adequately completed. The Contractor shall provide a copy of all documentation on CD(s) and/or DVD(s) to the COR for the project record.
- 2.1.5. Construction Guidelines
- 2.1.5.1. All construction required of the Contractor to complete the construction of the fence shall be in accordance with the criteria contained herein using industry standard materials and efficient practices. The Contractor shall use materials and equipment accepted within the construction industry. The materials selected shall be of high quality, durable and easily maintained.
- 2.1.5.2. The Contractor shall take great care not to disturb any existing fence outside the limits of this project unless specifically called for in the plans. If the existing fence is disturbed, it shall be the Contractor's responsibility to repair the fence so to restore it to previously existing conditions or replace it in-kind if damaged beyond repair. Should it be necessary to disturb the foundation of the existing fence, the Contractor shall be responsible for providing all bracing or means of temporary shoring so to protect the existing fence in-place.
- 2.1.5.3. At the end of each work day the Contractor shall effectively close all fence by either erection of new fence or temporary fence until such time that work begins the following day. The Contractor may use existing fence material for temporary fence to close off gaps overnight.
- 2.1.5.4. All egress/ingress access roads, on-site fence access roads and staging areas shall be returned to existing conditions or better prior to final acceptance of the project. This shall include providing aggregate surface course needed to enable the access roads to be bladed in order to remove ruts, depressions, and/or pot-holes caused by construction activities. See Appendix B for Access and Staging Map.
- 2.1.5.5. Installed fence panels, over the specified lengths shown in the plans, shall be constructed vertical with an allowable tolerance of 1-inch out of plumb over the entire height of the fence. Fence coordinates shall be surveyed to within 3-inches of the coordinates provided in the plans. Any

- discrepancies in dimensions, elevation, or alignment shall be brought to the attention of the COR prior to continuing with construction in the vicinity of the discrepancy. The COR reserves the right to resolve such discrepancy prior to commencing work within the vicinity of the discrepancy.
- 2.1.5.6. All fence construction materials and accessories shall have the ability to survive temperatures applicable to the southwestern border of the U.S. including diurnal and seasonal extremes with temperature deltas in excess of 120 degrees Fahrenheit.
- 2.1.5.7. All fence construction materials and accessories shall have a 30-year service life requiring planned maintenance to occur not earlier than every ten years.
- 2.1.5.8. All final grades adjacent the fence location shall be finished so drainage flows away from the fence so to prevent ponding of water at the fence and fence foundation location.
- 2.1.6. Removal and Disposal of Litter, Trash, Man-Made and Natural Debris and Vegetation. The contractor is responsible for the removal and disposal of all waste material from government property. The Contractor shall dispose of litter, trash, man-made and natural debris at an off-site location approved by the COR. The Contractor shall remove, haul and dispose of all material in accordance with all local, state, and federal laws. The Contractor shall provide all applicable licensing and/or permits for operating equipment, hauling and disposal of removed debris and vegetation. The Contractor shall keep all application and permit records as required by state, local and federal regulations. The Contractor shall supply a copy of application and permit records to the COR as soon as each application is made and permit received.
- No stockpiled litter, trash, debris or vegetation shall be left unattended or overnight at the project site. All litter, trash, debris, and vegetation shall be hauled off site and disposed of at the end of each workday.
- Burning is not considered an acceptable form of debris removal.
- 2.1.7. Geotechnical Investigation. The Geotechnical Report for the project site has been provided in Appendix D. Any additional Geotechnical information required by the Contractor shall be obtained by the Contractor following award of bid.
- 2.1.8. Survey. All survey performed by the Contractor, including but not limited to construction staking and as-built drawings, during construction shall be performed under the direction of a licensed professional Surveyor.
- 2.1.9. Temporary Traffic Control Measures. The Contractor shall be required to provide all traffic control measures required per local codes.
- 2.1.10. HAZARDOUS WASTE. Hazardous waste is not anticipated as a part of this action. Should hazardous waste be discovered, the Contractor shall stop work immediately at the location in question and refer to the COR for consultation.
- 2.1.11. Waste Disposal Records. The Contractor shall maintain records to document the quantity of waste generated; quantity of waste diverted through sale, reuse, or recycling; and the quantity of waste disposed by landfill or incineration. The records shall be made available to the Contracting Officer during construction activities, and a copy of the records shall be delivered to the Contracting Officer upon completion of the contract.
- 2.1.12. Final Cleaning. The Contractor shall remove all temporary structures, barricades, traffic control signs, and project signs following each debris removal and/or vegetation control activity.

2.1.13. Reporting and Geospatial Data Collection

- a. Reporting: GPS locations and field measurements of length for the base item and option items (if exercised) shall be provided to the COR at the time of the punch list walk through. Instruction for input of progress reporting and GPS data shall be collected and processed using Government provided procedures and a data dictionary. The web-base progress reporting system and data dictionary will contain the required fields specified and shall be provided by the Contracting Officer. Procedures for the input of progress data and GPS collection shall be provided to the contractor by the Contracting Officer prior to start of construction.
 - b. GPS Equipment: The Contractor shall provide required GPS equipment to the Contracting Officer's Representative for approval. The GPS equipment must contain a 416 MHZ. Intel X-Scale processor chip set. The equipment must be capable of recording 3-dimensional position (latitude, longitude, ortho height) of features and include numerous attributes as specified by the data dictionary. A copy of the feature, attribute, and data dictionary file will be supplied in digital (*.ddf format) and hard copy format prior to the initiation of construction, and instructions will be provided on their use.
 - i. The GPS equipment must be equivalent to a Trimble GeoXT or meet or exceed the below specifications:
 1. Microsoft Windows Mobile 5.x software
 2. Submeter accuracy in real-time
 3. Integrated SBAS
 4. RTCM real-time correction support
 5. NMEA and TSOP protocol support
 6. Multi-path rejection technology
 7. Temperature Operation range 14 degrees F to 122 degrees F
 8. Temperature Storage range -4 degrees F to 158 degrees F
 9. Casing of wind-driven and dust resistant per IP 54 standard
 10. Shock and vibration resistant
 11. GPS Channels 12 (L1 code and carrier)
 12. Update rates 1 Hz
 13. Protocols TSIP, NMEA (GGA, VTG, GLL, GSA, ZDA, GSV, RMC)
 14. Real-Time (SBAS or external RTCM source accuracy of submeter)
 - c. GPS Data Format: Data collection for GPS locations shall be in decimal degrees to nine decimal points, and be collected minimally at the start and end points of construction and shall include interim points as indicated by the collection procedures.
 - d. GPS Data Submittal: The contractor will download the GPS data collection files and prepare the digital files in ASCII comma delimited format, raw, GPS file (such as a .ssf from a Trimble unit), and ESRI Shape files based upon the structure of the supplied data dictionary. All data will be submitted to the COR the day of the punch list walk through. The intent of this submittal is to depict the completed construction in a GIS format. The proper attributes will be populated according to USACE SDSFIE standards. Metadata will be produced with each weekly update and submitted in either a *.txt or *.xml format.
 - e. GPS Data Final Submittal: Upon receipt of the GIS data submittal, the COR will have 14 calendar days to review and provide any comments to the Contractor. Upon receipt of comments, the Contractor shall complete the GPS Data file and submit with the as-built information.
- 2.1.14. Environmental Compliance. On 1 April 2008, the Secretary of the Department of Homeland Security signed an environmental waiver, supplied by Congress, to expedite the completion of the PF225 Border Fence Projects, which the original C-1 fence segment was a part. The waiver

extends to the Andrade Primary Fence Repair project as it is part of the C-1 fence segment. The Secretary's action waives local, state, and federal environmental regulatory compliance requirements. However, the Secretary has pledged to conduct environmental reviews of Projects including Andrade Primary Fence Repair and to also demonstrate environmental stewardship throughout project execution.

Specifically, the waiver allows for the completion of Andrade Primary Fence Repair project without completing the standard regulatory processes and securing permits for the laws listed in the waiver. Within this specifications document, this waiver shall be used to omit permitting/regulatory coordination that may fall under the environmental laws listed in the waiver. However, the Contractor shall adhere to and/or implement best management practices, mitigation measures, special conditions, environmental protection measures and all other activities related to environmental matters identified in this solicitation.

While modifications to the project as described in this solicitation are permitted by the waiver, an environmental review of any modifications to the project as described in this solicitation must be conducted prior to any construction related, ground disturbing activities. The Government will conduct the environmental review based on any modifications to the project, if proposed.

- 2.1.15. Environmental Assessment. An Environmental Assessment (EA) has been completed covering the limits of the original C-1 Border Fence Project. A copy of the EA can be provided upon request.
- 2.1.16. Storm Water Pollution Prevention Plan (SWPPP). Contractor shall be required to comply with the State of Arizona Construction General Permit and will be required to submit a Notice of Intent (NOI) Arizona Department of Environmental Quality (ADEQ). No physical work at the site shall begin prior to the Contractor receiving written approval of the project SWPPP. Contractor shall be required to comply with the SWPPP as a part of its execution of the project.

The COR reserves the right to require the Contractor to modify or revise the SWPPP to insure that all current measures to prevent offsite migration of pollutants, including soils, are included in the SWPPP, or if the Contracting Officer determines that the storm water pollution prevention requirements are not being met.

- 2.1.17. Best Management Practices. The Contractor shall implement all BMPs as outlined below. All BMPs shall be incorporated into the Contractor's Environmental Compliance Plan. As needed, environmental monitors, including cultural resource monitors and biological monitors, may be furnished by the Government at no cost to the Contractor to audit conformance with the BMPs during construction activities. The Contractor may be responsible for costs incurred to remediate or mitigate any environmental damage resulting from the contractor's failure to comply and implement these BMPs.

The following BMPs shall be implemented as standard operating procedures during all construction activities:

- 1) Best Management Practices (BMPs) shall be implemented as standard operating procedures during all construction activities. These BMPs shall include proper handling, storage, and/or disposal of hazardous and/or regulated materials. To minimize potential impacts from hazardous and regulated materials, all fuels, waste oils, and solvents will be collected and stored in tanks or drums within a secondary containment system that consists of an impervious floor and bermed sidewalls capable of containing the volume of the largest container stored therein. The refueling of machinery shall be completed following accepted guidelines, and all vehicles shall have drip pans during storage to contain minor spills and drips. Although it will be unlikely for a major spill to occur, any spill of 5 gallons or more shall be contained immediately within an earthen dike, and the application of an absorbent (e.g., granular, pillow, sock, etc.) shall be used to absorb and contain the spill. Furthermore, any spill of petroleum liquids (e.g., fuel) or material listed on 40 CFR 302 Table 302.4 of a

reportable quantity must be cleaned up and reported to the appropriate Federal and state agencies. Reportable quantities of those substances listed on 40 CFR 302 Table 302.4 will be included as part of the Spill Prevention, Control and Countermeasures Plan (SPCCP). A SPCCP will be in place prior to the start of construction and all personnel will be briefed on the implementation and responsibilities of this plan.

- 2) All waste oil and solvents shall be recycled. All non-recyclable hazardous and regulated wastes shall be collected, characterized, labeled, stored, transported, and disposed of in accordance with all Federal, state, and local regulations, including proper waste manifesting procedures.
- 3) Solid waste receptacles shall be maintained at staging areas. Non-hazardous solid waste (trash and waste construction materials) shall be collected and deposited in on-site receptacles. Solid waste shall be collected and disposed of by a local waste disposal contractor.
- 4) Waste materials and other discarded materials will be removed from the site as quickly as possible.
- 5) Waste water (water used for project purposes that is contaminated with construction materials, was used for cleaning equipment and thus carries oils or other toxic materials or other contaminants in accordance with state regulations) will be stored in closed containers on site until removed for disposal. Concrete wash water will not be dumped on the ground, but will be collected and moved offsite for disposal.
- 6) The perimeter of all areas to be disturbed during construction or maintenance activities shall be clearly demarcated using flagging or temporary construction fence, and no disturbance outside of that perimeter will be authorized.
- 7) No off-road vehicle activity will occur outside of the project footprint by the project proponent, project workers, and project contractors.
- 8) No pets owned or under the care of the project proponent or any and all construction workers will be permitted inside the project's construction boundaries, adjacent native habitats, or other associated work areas.
- 9) Vehicular traffic associated with the construction activities and operational support activities shall remain on established roads to the maximum extent practicable. Areas with highly erodible soils shall incorporate various BMPs, such as, straw bales, aggregate materials, and wetting compounds, to control erosion. A SWPPP will be prepared prior to construction activities and BMPs described in the SWPPP will be implemented to reduce erosion.
- 10) Any unnecessary ground disturbance, such as scraping or vegetation removal, shall be avoided within temporary staging areas as approved by the COR. When required, these areas shall be hand cleared to avoid disturbance to soils. Minimizing disturbance of the soils shall facilitate natural restoration (i.e., some native plants will resprout if not heavily disturbed), and shall impede the establishment of non-native plant species (i.e., many invasive, non-native plant species will easily invade and dominate heavily disturbed areas).
- 11) Construction equipment shall be cleaned using BMPs prior to entering and departing the project corridor to minimize the spread and establishment of non-native invasive plant species.
- 12) Transmission of disease vectors and invasive non-native aquatic species can occur if vehicles cross infected or infested streams or other waters and water or mud remains on the vehicle. If these vehicles subsequently cross or enter uninfected or infested waters, the disease or

invasive species may be introduced to the new area. To prevent this, crossing of streams or marsh areas with flowing or standing water will be avoided, and if not, the vehicle sprayed with a 10% bleach solution or allowed to dry completely to kill any organisms.

- 13) The U.S. Fish and Wildlife Service (USFWS) lists federally protected species with the potential of occurring in Imperial County. It is the Contractor's responsibility to be aware of these species and if any of these species are encountered the Contractor shall take appropriate measures to protect each species. Refer to the Environmental Assessment for a list of federally protected species.
- 14) The Government will designate a qualified biological monitor who will be responsible for overseeing compliance with protective measures for federally protected species during construction activities within designated areas. The designated biologist's qualifications will be subject to the approval of USFWS. The biologist will immediately notify the Government's designated representative to halt all associated project activities which may be in violation of the biological opinion. In such an event, the Government will halt all construction activities and contact USFWS within 24 hours. If an individual of a federally protected species is found in the designated project area, work will cease in the area of the species until either a qualified biological monitor can safely remove the individual, or it moves away on its own.
- 15) The biological monitor shall have the authority to temporarily suspend the project if necessary to ensure compliance with the BMPs. This authority must be provided to the biological monitor by the Contractor's construction manager in the worker orientation training.
- 16) Peninsular Bighorn Sheep. During any construction activities, if a sheep is seen within one mile of the activity, any work that could disturb the sheep will cease. For vehicle operations, this will entail stopping the vehicle until the sheep moves away. Vehicles may continue on at reduced speeds (10-15 miles per hour) once the sheep has moved away. For construction the biological monitor will request that work suspend until the sheep moves out of the area. If, after three hours of the initial sighting, sheep do not move beyond one mile away from the project activity or vehicle, project personnel will retreat from the area in the direction from which they came.
- 17) The Government has developed (in coordination with USFWS) a training plan regarding Trust Resources for border patrol and construction personnel that will be presented at the pre-construction meeting. At a minimum, the program will include the following topics: Occurrence of the listed and sensitive species in the area, their general ecology, sensitivity of the species to human activities, legal protection afforded these species, penalties for violations of Federal and State laws, reporting requirements, and project features designed to reduce the impacts to these species and promote continued successful occupation of the project area environs. Included in this program will be color photos of the listed species, which will be shown to the employees. Following the education program, the photos will be posted in the contractor and resident engineer office, where they will remain through the duration of the project. The Government and designated biological monitor will be responsible for ensuring that the Contractor's employees are aware of the listed species.
- 18) Water for construction use shall be from wells or irrigation water sources at the discretion of the landowner. If local groundwater pumping is an adverse effect to aquatic, marsh, or riparian dwelling federally protected species, treated water from outside the immediate area will be utilized.
- 19) The project site shall only be accessed using designated, existing roads. Parking will be in designated disturbed areas. This should limit the development of multiple trails to the project site and reduce the effects to federally protected species habitat in the vicinity.

- 20) There are no known sensitive cultural sites within the project corridor. If any cultural material is discovered during the construction efforts, then all activities will halt until a qualified archaeologist assesses the cultural remains. The Contractor may continue to work in areas that have been previously cleared, unless cultural resource materials are also discovered in these areas.
- 21) Standard construction procedures shall be implemented to minimize the potential for erosion and sedimentation during construction. All work shall cease during heavy rains, and shall not resume until conditions are suitable for the movement of equipment and materials.
- 22) All fuels, waste oils, and solvents shall be collected and stored in tanks or drums within a secondary containment area consisting of an impervious floor and bermed sidewalls capable of holding the volume of the largest container stored therein. The refueling of machinery shall be completed following accepted guidelines, and all vehicles shall have drip pans during storage to contain minor spills and drips. No refueling or storage shall take place within 100 feet of a drainage channel or structure. Other design measures shall be implemented, such as straw bales, silt fencing, aggregate materials, wetting compounds, and re-vegetation with native plant species, where possible, to decrease erosion and sedimentation. Furthermore, a SWPPP and all applicable Section 404/401 permit procedures shall be completed before construction shall be initiated within jurisdictional Waters of the U.S. (WUS). It shall be the responsibility of the Contractor to prepare and submit 404 and 401 permit applications to the respective USCOE and State offices.
- 23) All equipment maintenance, staging, laydown, and dispensing of fuel, oil, or any other such activities, will occur in designated upland areas. The designated upland areas will be located in such a manner as to prevent any runoff from entering waters of the United States, including wetlands.
- 24) If all ground disturbing activities cannot be completed outside of the migratory bird nesting season (February 1 - August 31), prior to the start of the project, and as a one time occurrence, the Government's biological monitor, at no cost to the contractor, shall conduct migratory bird surveys at the project site before said activities begin. Prior to the ground disturbing activities the Contractor shall provide the Government's resident engineer with a schedule for all ground disturbing activities such as geotechnical investigations, clearing and grubbing etc. which will be coordinated with the Government's biological monitor. The Government's biological monitor will locate and clearly mark bird nests 48 hours prior to the Contractor's scheduled ground disturbing activities. Under no circumstance shall the Contractor conduct any of the ground disturbing activities prior to the completion of the surveys by the Government's biological monitor. Clearing and grubbing and all other ground disturbing activities shall be limited to biologically surveyed areas.
- 25) To prevent entrapment of wildlife species during the construction of the project, all excavated, steep-walled holes or trenches more than 2 feet deep will either be covered at the close of each working day by plywood or provided with one or more escape ramps constructed of earth fill or wooden planks. The ramps will be located at no greater than 1,000-foot intervals and will be sloped less than 45 degrees. Each morning before the start of construction and before such holes or trenches are filled, they will be thoroughly inspected for trapped animals. Any animals so discovered will be allowed to escape voluntarily (by escape ramps or temporary structures), without harassment, before construction activities resume, or removed from the trench or hole by a qualified biologist and allowed to escape unimpeded.
- 26) To prevent entrapment of wildlife species during placement or vertical posts/bollards, all vertical fence posts/bollards that are hollow (i.e., those that will be filled with a reinforcing material such as concrete), shall be covered so as to prevent wildlife from entrapment. Covers will be deployed from the time the posts or hollow bollards are erected to the time they are filled with reinforcing material.

- 27) Mitigation measures will be incorporated to ensure that PM₁₀ emission levels do not rise above the de minimus threshold as required per 40 CFR 51.853(b)(1). Measures shall include dust suppression methods to minimize airborne particulate matter that will be created during construction activities. Standard construction BMPs, such as routine watering of the patrol, drag, and access roads, shall be used to control fugitive dust during the construction phases of the proposed project. Additionally, all construction equipment and vehicles shall be required to be kept in good operating condition to minimize exhaust emissions.
- 28) Construction speed limits will not exceed 35 miles per hour on major unpaved roads (graded with ditches on both sides) and 25 miles per hour on all other unpaved roads.
- 29) During the construction phase, short term noise impacts are anticipated. All Occupational Safety and Health Administration requirements shall be followed. Construction equipment shall possess properly working mufflers and shall be kept properly tuned to reduce backfires. Implementation of these measures shall reduce the expected short term noise impacts to an insignificant level in and around the construction site.
- 30) The Contractor shall take measures to ensure light plants or any type of lighting are not directed at areas of residence on either side of the International Boundary, in particular, the area of Los Algodones, Mexico.

APPENDIX A

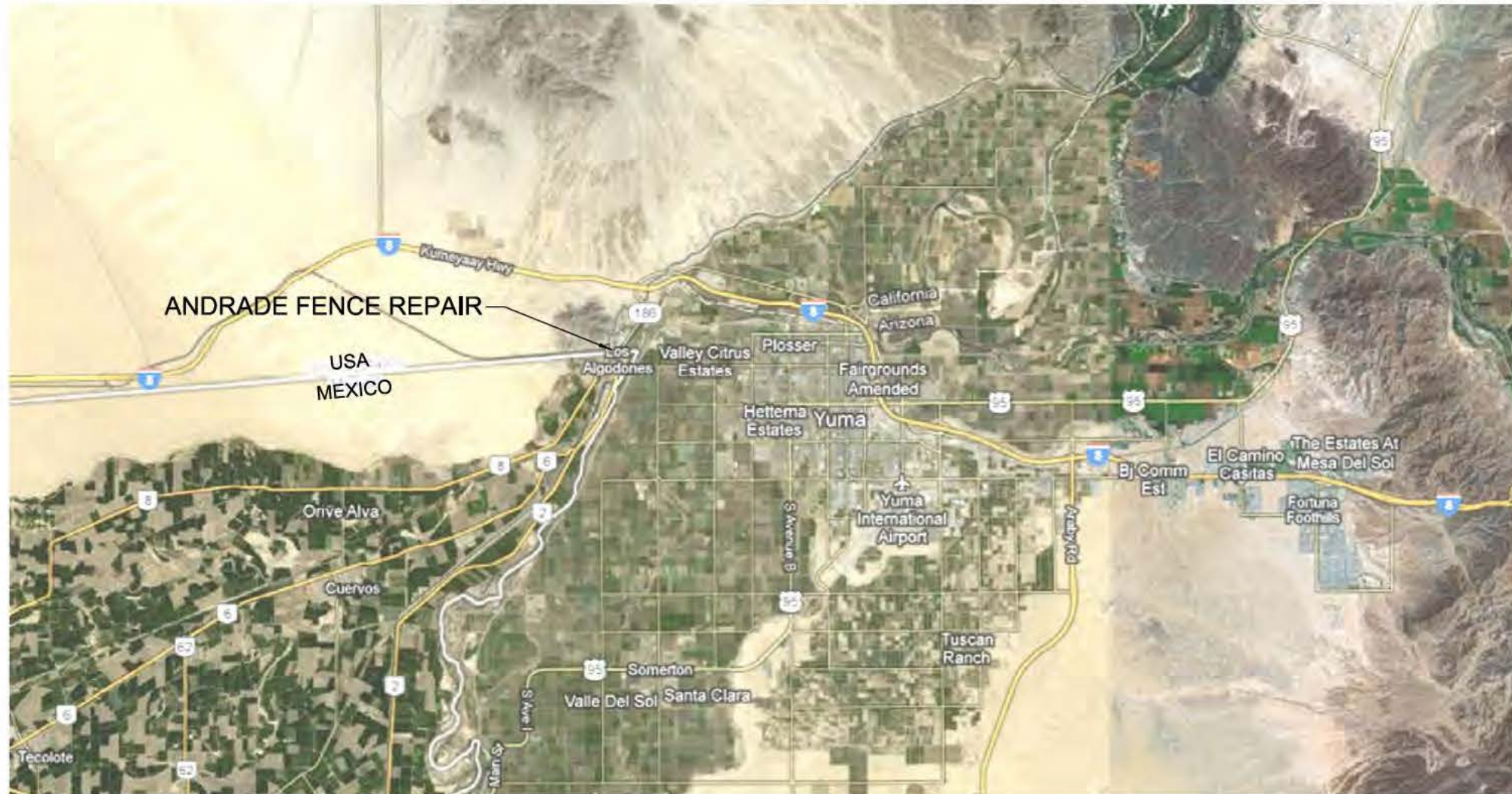
CONSTRUCTION PLANS

DEPARTMENT OF HOMELAND SECURITY
CUSTOMS AND BORDER PROTECTION
OFFICE OF BORDER PATROL

YUMA SECTOR

ANDRADE PRIMARY FENCE REPAIR

DATE: OCTOBER 3, 2012



US Army Corps
of Engineers
Fort Worth District

90% SUBMITTAL
NOT FOR CONSTRUCTION

Baker
Michael Baker Jr., Inc.
2929 N. Central Avenue, Ste. 800
Phoenix, AZ 85012

(b) (7)(E)



ANDRADE FENCE REPAIR
AREA 2 GRADING PLAN

DEPARTMENT OF HOMELAND SECURITY
CUSTOMS AND BORDER PROTECTION
OFFICE OF BORDER PATROL
YUMA SECTION

Designed by: W.L.C.	Date: 10/3/12	Rev.
Drawn by: [REDACTED]	Submitted by:	
Reviewed by: [REDACTED]	Plot date: 10/3/12	

Baker
Michael Baker Jr., Inc.
2929 N. Central Avenue, Suite 800
Phoenix, AZ 85012

50% SUBMITTAL
NOT FOR
CONSTRUCTION

Rev.	Description	Date	App.

US Army Corps
of Engineers
Fort Worth District

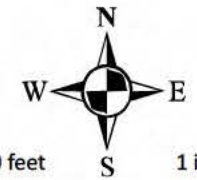
APPENDIX B

ACCESS & STAGING MAP

C-1 Fence Repair Project - Access Road and Site Locations



LEGEND



1 inch = 450 feet

1 inch = 0.09 miles

Legend

- Area 1 (Option 2)
- Area 2 (Base)
- Area 3 (Option 1)
- State Route 186
- Project Access
- Staging Area



Date: 10/3/2012

Baker

Michael Baker Jr., Inc.

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BW23 FOIA CBP 004511

APPENDIX C

CONSTRUCTION SPECIFICATIONS

**ANDRADE PRIMARY FENCE REPAIR
CONSTRUCTION SPECIFICATIONS – 90% SUBMITTAL**

OFFICE OF BORDER PATROL, YUMA SECTOR

**CUSTOMS AND BORDER PROTECTION
DEPARTMENT OF HOMELAND SECURITY**

IMPERIAL COUNTY, CALIFORNIA

<u>SECTION</u>	<u>DESCRIPTION</u>
03 20 00.00 10	Concrete Reinforcing
03 30 00.00 10	Cast-in-Place Concrete
03 37 13	Shotcrete
03 60 00	Grouting Soil Cement
05 05 23	Welding, Structural
05 12 00	Structural Steel
31 00 00	Earthwork
31 63 29	Drilled Concrete Piers and Shafts Pre-Manufactured Retaining Wall System

SECTION 03 20 00.00 10

CONCRETE REINFORCING
08/10

PART 1 GENERAL

1.1 REFERENCES

The publications listed below form a part of this specification to the extent referenced. The publications are referred to within the text by the basic designation only.

AMERICAN CONCRETE INSTITUTE INTERNATIONAL (ACI)

ACI 318 (2011) Building Code Requirements for
Structural Concrete and Commentary

ACI SP-66 (2004) ACI Detailing Manual

AMERICAN WELDING SOCIETY (AWS)

AWS D1.4/D1.4M (2011) Structural Welding Code -
Reinforcing Steel

ASTM INTERNATIONAL (ASTM)

ASTM A1035/A1035M (2009) Standard Specification for
Deformed and Plain, Low-carbon, Chromium,
Steel Bars for Concrete Reinforcement

ASTM A184/A184M (2006e1) Standard Specification for
Fabricated Deformed Steel Bar Mats for
Concrete Reinforcement

ASTM A370 (2011) Standard Test Methods and
Definitions for Mechanical Testing of
Steel Products

ASTM A497/A497M (2007) Standard Specification for Steel
Welded Wire Reinforcement, Deformed, for
Concrete

ASTM A53/A53M (2010) Standard Specification for Pipe,
Steel, Black and Hot-Dipped, Zinc-Coated,
Welded and Seamless

ASTM A615/A615M (2009b) Standard Specification for
Deformed and Plain Carbon-Steel Bars for
Concrete Reinforcement

ASTM A675/A675M (2003; R 2009) Standard Specification for
Steel Bars, Carbon, Hot-Wrought, Special
Quality, Mechanical Properties

ASTM A706/A706M (2009b) Standard Specification for
Low-Alloy Steel Deformed and Plain Bars

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	for Concrete Reinforcement
ASTM A767/A767M	(2009) Standard Specification for Zinc-Coated (Galvanized) Steel Bars for Concrete Reinforcement
ASTM A775/A775M	(2007b) Standard Specification for Epoxy-Coated Steel Reinforcing Bars
ASTM A82/A82M	(2007) Standard Specification for Steel Wire, Plain, for Concrete Reinforcement
ASTM A884/A884M	(2006) Standard Specification for Epoxy-Coated Steel Wire and Welded Wire Reinforcement
ASTM A934/A934M	(2007) Standard Specification for Epoxy-Coated Prefabricated Steel Reinforcing Bars
ASTM E 94	(2004; R 2010) Radiographic Examination
	CONCRETE REINFORCING STEEL INSTITUTE (CRSI)
CRSI 10MSP	(2009; 28th Ed) Manual of Standard Practice

1.2 SUBMITTALS

Government approval is required for submittals with a "G" designation; submittals not having a "G" designation are for information only. When used, a designation following the "G" designation identifies the office that will review the submittal for the Government. Submit the following in accordance with Section 01 33 00 SUBMITTAL PROCEDURES:

SD-03 Product Data

Welding
Butt-Splices; G
Material; G

SD-04 Samples

Epoxy-Coated Bars

SD-06 Test Reports

Material; G
Tests, Inspections, and Verifications; G

SD-07 Certificates

Reinforcing Steel
Qualification of Steel Bar Butt-Splicers

1.3 QUALITY ASSURANCE

1.3.1 Welding Qualifications

Welders shall be qualified in accordance with AWS D1.4/D1.4M.

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Qualification test shall be performed at the worksite and notify the Contracting Officer 24 hours prior to conducting tests. Special welding procedures and welders qualified by others may be accepted as permitted by AWS D1.4/D1.4M. Submit a list of qualified welders names.

1.3.2 Qualification of Steel Bar Butt-Splacers

Qualification of steel bar butt-splacers shall be certified to have satisfactorily completed a course of instruction in the proposed method of butt-splicing or have satisfactorily performed such work within the preceding year. Submit certificates on the Qualifications of Steel Bar Butt-Splacers prior to commencing butt-splicing.

1.3.3 Qualification of Butt-Splicing Procedure

As a condition of approval of the butt-splicing procedure, make three test butt-splices of steel bars of each size to be spliced using the proposed butt-splicing method, in the presence of the Contracting Officer. These test butt-splices and unspliced bars of the same size shall be tension tested to destruction with stress-strain curves plotted for each test. Test results shall show that the butt-splices meet the specified strength and deformation requirements in order for the splicing procedure to be approved.

1.4 DELIVERY, STORAGE, AND HANDLING

Reinforcement and accessories shall be stored off the ground on platforms, skids, or other supports.

PART 2 PRODUCTS

2.1 DOWELS

Dowels shall conform to ASTM A675/A675M, Grade 80. Steel pipe conforming to ASTM A53/A53M, Schedule 80, may be used as dowels provided the ends are closed with metal or plastic inserts or with mortar.

2.2 FABRICATED BAR MATS

Fabricated bar mats shall conform to ASTM A184/A184M.

2.3 REINFORCING STEEL

Reinforcing steel shall be deformed bars conforming to ASTM A615/A615M, ASTM A706/A706M, or ASTM A1035/A1035M grades and sizes as indicated. Cold drawn wire used for spiral reinforcement shall conform to ASTM A82/A82M. In highly corrosive environments or when directed by the Contracting Officer, reinforcing steel shall conform to ASTM A767/A767M, ASTM A775/A775M, ASTM A1035/A1035M or ASTM A934/A934M as appropriate.

Submit certified copies of mill reports attesting that the reinforcing steel furnished contains no less than 25 percent recycled scrap steel and meets the requirements specified herein, prior to the installation of reinforcing steel.

2.3.1 Epoxy-Coated Bars

Epoxy-coated steel bars shall comply with the requirements of ASTM A775/A775M, including written certifications for coating material and

Andrade Fence Repair

coated bars, sample of coating material, and 1.5 pounds of patching material.

2.4 WELDED WIRE FABRIC

Welded wire fabric shall conform to ASTM A497/A497M. When directed by the Contracting Officer for special applications, welded wire fabric shall conform to ASTM A884/A884M. For wire with a specified yield strength (fy) exceeding 60,000 psi, fy shall be the stress corresponding to a strain of 0.35 percent.

2.5 WIRE TIES

Wire ties shall be 16 gauge or heavier black annealed steel wire.

2.6 SUPPORTS

Bar supports for formed surfaces shall be designed and fabricated in accordance with CRSI 10MSP and shall be steel or precast concrete blocks. Precast concrete blocks shall have wire ties and shall be not less than 4 inches square when supporting reinforcement on ground. Precast concrete block shall have compressive strength equal to that of the surrounding concrete. Where concrete formed surfaces will be exposed to weather or where surfaces are to be painted, steel supports within 1/2 inch of concrete surface shall be galvanized, plastic protected or of stainless steel. Concrete supports used in concrete exposed to view shall have the same color and texture as the finish surface. For slabs on grade, supports shall be precast concrete blocks, plastic coated steel fabricated with bearing plates, or specifically designed wire-fabric supports fabricated of plastic.

Bar supports shall comply with the requirements of ACI SP-66. Supports for bars in concrete with formed surfaces exposed to view or to be painted shall be plastic-coated wire, stainless steel or precast concrete supports. Precast concrete supports shall be wedged-shaped, not larger than 3-1/2 by 3-1/2 inches, of thickness equal to that indicated for concrete cover and have an embedded hooked tie-wire for anchorage. Bar supports used in precast concrete with formed surfaces exposed to view shall be the same quality, texture and color as the finish surfaces.

2.7 TESTS, INSPECTIONS, AND VERIFICATIONS

Perform material tests, specified and required by applicable standards, by an approved laboratory and certified to demonstrate that the materials are in conformance with the specifications. Tests, inspections, and verifications shall be performed and certified at the Contractor's expense. Submit certified tests reports of reinforcement steel showing that the steel complies with the applicable specifications for each steel shipment and identified with specific lots prior to placement. Submit three copies of the heat analyses for each lot of steel furnished certifying that the steel conforms to the heat analyses.

2.7.1 Reinforcement Steel Tests

Mechanical testing of steel shall be in accordance with ASTM A370 except as otherwise specified or required by the material specifications. Tension tests shall be performed on full cross-section specimens using a gage length that spans the extremities of specimens with welds or sleeves included. Chemical analyses of steel heats shall show the percentages of

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carbon, phosphorous, manganese, sulphur and silicon present in the steel.

2.7.2 Radiographic Examination of Welds

Radiographic examination of welds shall be in accordance with ASTM E 94 and shall be performed and evaluated by an approved testing agency adequately equipped to perform such services. Radiographs of welds and evaluations of the radiographs submitted for approval shall become the property of the Government.

PART 3 EXECUTION

3.1 REINFORCEMENT

Reinforcement steel and accessories shall be fabricated and placed as specified and shown and approved shop drawings. Fabrication and placement details of steel and accessories not specified or shown shall be in accordance with ACI SP-66 and ACI 318. Reinforcement shall be cold bent unless otherwise authorized. Bending may be accomplished in the field or at the mill. Epoxy-coated bars shall be mill-bent prior to coating. All steel shall be bent cold unless authorized. Bars shall not be bent after embedment in concrete. Safety caps shall be placed on all exposed ends of vertical concrete reinforcement bars that pose a danger to life safety. Wire tie ends shall face away from the forms. Submit detail drawings showing reinforcing steel placement, schedules, sizes, grades, and splicing and bending details. Drawings shall show support details including types, sizes and spacing.

3.1.1 Placement

Reinforcement shall be free from loose rust and scale, dirt, oil, or other deleterious coating that could reduce bond with the concrete. Reinforcement shall be placed in accordance with ACI 318 at locations shown plus or minus one bar diameter. Reinforcement shall not be continuous through expansion joints and shall be as indicated through construction or contraction joints. Concrete coverage shall be as indicated or as required by ACI 318. If bars are moved more than one bar diameter to avoid interference with other reinforcement, conduits or embedded items, the resulting arrangement of bars, including additional bars required to meet structural requirements, shall be approved before concrete is placed.

3.1.2 Splicing

Splices of reinforcement shall conform to ACI 318 and shall be made only as required or indicated. Splicing shall be by lapping or by mechanical or welded butt connection; except that lap splices shall not be used for bars larger than No. 11 unless otherwise indicated. Welding shall conform to AWS D1.4/D1.4M. Welded butt splices shall be full penetration butt welds. Lapped bars shall be placed in contact and securely tied or spaced transversely apart to permit the embedment of the entire surface of each bar in concrete. Lapped bars shall not be spaced farther apart than one-fifth the required length of lap or 6 inches. Mechanical butt splices shall be in accordance with the recommendation of the manufacturer of the mechanical splicing device. Butt splices shall develop 125 percent of the specified minimum yield tensile strength of the spliced bars or of the smaller bar in transition splices. Bars shall be flame dried before butt splicing. Adequate jigs and clamps or other devices shall be provided to support, align, and hold the longitudinal centerline of the bars to be butt spliced in a straight line.

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3.1.3 Placing Tolerances

3.1.3.1 Spacing

The spacing between adjacent bars and the distance between layers of bars may not vary from the indicated position by more than one bar diameter nor more than 1 inch.

3.1.3.2 Concrete Cover

The minimum concrete cover of main reinforcement steel bars shall be as shown. The allowable variation for minimum cover shall be as follows:

MINIMUM COVER (inch)	VARIATION (inch)
6	plus 1/2
4	plus 3/8
3	plus 3/8
2	plus 1/4
1-1/2	plus 1/4
1	plus 1/8
3/4	plus 1/8

3.1.4 Splicing

Splices in steel bars shall be made only as required. Bars may be spliced at alternate or additional locations at no additional cost to the Government subject to approval.

3.1.4.1 Lap Splices

Lap splices shall be used only for bars smaller than size 14 and welded wire fabric. Lapped bars may be placed in contact and securely tied or spaced transversely apart to permit the embedment of the entire surface of each bar in concrete. Lapped bars shall not be spaced farther apart than 1/5 the required length of lap or 6 inches.

3.1.4.2 Butt-Splices

Use butt-splices only for splicing size 14 and 18 bars and for splicing #11 bars to larger bars except where otherwise shown or authorized. Make butt-splices by a method which develops splices suitable for tension, compression and stress reversal applications. Welded butt-splices shall be full penetration butt welds. Butt-splices shall develop 90 percent of the specified minimum ultimate tensile strength of the smallest bar of each splice. Bars shall be cleaned of all oil, grease, dirt, rust, scale and other foreign substances and shall be flame dried before splicing. Adequate jigs and clamps or other devices shall be provided to support, align and hold the longitudinal centerline of the bars to be butt-spliced

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in a straight line. Submit proposed procedure for butt-splicing steel bars prior to making the test butt-splices for qualification of the procedure. Properties and analyses of steel bars and splicing materials shall be included in the submitted procedure. Physical properties of splicing sleeves shall include length, inside and outside diameters, and inside surface details.. Butt-splices shall be as follows:

a. Thermit Welded Butt Splices - Bars to be thermit welded shall be restricted to steel shown by heat analysis to have a sulfur content not exceeding 0.05 percent. The ends of bars to be thermit welded shall be cut square and smooth. Flame cutting will be permitted provided grinding is employed to remove the resulting scale and to square and smooth the cut ends to a condition equivalent to a saw cut. No shearing will be permitted. Bars shall be cleaned and flame dried before splicing. The joint shall be properly aligned in the mold with a gap opening in accordance with the manufacturer's recommendations. Charging and firing shall conform to the manufacturer's recommendations. The end of bars and the welded mold shall be preheated before welding to a temperature of not less than 100 degrees F and the mold shall be left in place for at least 15 minutes after ignition. Risers shall be broken or burned off after removing the mold. Tension splices shall be staggered longitudinally a minimum of 5 feet so that no more than half of the bars are spliced at any one section or as otherwise indicated.

b. Mechanical Butt-Splices - Mechanical butt-splices shall be an approved exothermic, threaded coupling, swaged sleeve or other positive connecting type. Bars to be spliced by a mechanical butt-splicing process may be sawed, sheared or flame cut provided the ends of sheared bars are reshaped after shearing and all slag is removed from the ends of flame cut bars by chipping and wire brushing prior to splicing. Surfaces to be enclosed within a splice sleeve or coupling shall be cleaned by wire brushing or other approved method prior to splicing. Splices shall be made using manufacturer's standard jigs, clamps, ignition devices and other required accessories. In addition to the strength requirements specified paragraph BUTT-SPLICES the additional deformation of number 14 and smaller bars due to slippage or other movement within the splice sleeve shall not exceed 0.015 inches (unit strain 0.0015 inches/inch) beyond the elongation of an unspliced bar based upon a 10 inch gage length spanning the extremities of the sleeve at a stress of 30,000 psi. The additional deformation of number 18 bars shall not exceed 0.03 inches (unit strain 0.003 inches/inch) beyond the elongation of an unspliced bar based upon a 10 inch gage length spanning the extremities of the sleeve at a stress of 30,000 psi. The amount of the additional deformation shall be determined from the stress-strain curves of the unspliced and spliced bars tested as required paragraph QUALIFICATION OF BUTT-SPLICING PROCEDURE for qualification of the butt-splicing procedure. Tension splices of number 14 or smaller bar shall be staggered longitudinally a minimum of 5 feet or as otherwise indicated so that no more than half of the bars are spliced at any one section. Tension splices of number 18 bars shall be staggered longitudinally a minimum of 5 feet so that no more than 1/3 of the bars are spliced at any one section.

3.2 WELDED-WIRE FABRIC PLACEMENT

Welded-wire fabric shall be placed in slabs as indicated. Fabric placed in slabs on grade shall be continuous between expansion, construction, and contraction joints. Fabric placement at joints shall be as indicated.

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Lap splices shall be made in such a way that the overlapped area equals the distance between the outermost crosswires plus 2 inches. Laps shall be staggered to avoid continuous laps in either direction. Fabric shall be wired or clipped together at laps at intervals not to exceed 4 feet. Fabric shall be positioned by the use of supports.

3.3 DOWEL INSTALLATION

Dowels shall be installed in slabs on grade at locations indicated and at right angles to joint being doweled. Dowels shall be accurately positioned and aligned parallel to the finished concrete surface before concrete placement. Dowels shall be rigidly supported during concrete placement. One end of dowels shall be coated with a bond breaker.

3.4 FIELD TESTS AND INSPECTIONS

3.4.1 Identification of Splices

Establish and maintain an approved method of identification of all field butt-splices which will indicate the splicer and the number assigned each splice made by the splicer.

3.4.2 Examining, Testing, and Correcting

Perform the following during the butt-splicing operations as specified and as directed:

a. Visual Examination - All welded splices shall be visually examined for the presence of cracks, undercuts, inadequate size and other visible defects. Respliced connections resulting from correction of visual defects may be radiographically examined at the option of the Contracting Officer as specified in paragraph SUPPLEMENTAL EXAMINATION. Exothermic mechanical butt-splices shall be visually examined to determine if the filler metal is clearly visible at the tap holes and completely fills the sleeves at both ends except for spaces of not more than 3/8 inch occupied by packing.

b. Tension Tests - Tensions tests to 90 percent of the minimum specified ultimate tensile strength of the spliced bars or to destruction shall be performed on one test specimen made in the field for every 25 splices made. Test specimens shall be made by the splicers engaged in the work, using the approved splicing procedure and the same size bars placed in the same relative position, and under the same conditions as those in the groups represented by the specimens. Stress-strain curves shall be furnished for each butt-splice tested.

c. Radiographic Examination - Not less than one of each 25 welded splices selected at random by the Contracting Officer shall be examined radiographically and evaluated for defects. The greatest dimension of any porosity (gas pocket or similar void) or fusion-type defect (slag inclusion, incomplete fusion or similar generally elongated defect in weld fusion) shall not exceed 1/4 inch. The minimum clearance between edges of porosity or fusion-type defects shall not be less than 1 inch.

d. Correction of Deficiencies - No splice shall be embedded in concrete until satisfactory results of visual examination and the required tests or examinations have been obtained. All splices having visible defects or represented by test specimens which do not satisfy the tests or examinations shall be removed. If any of the tension test

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specimens fail to meet the strength requirements or deformation limitations two production splices from the same lot represented by the test specimens which failed shall be cut out and tension tested. If both of the retests pass the strength requirements and deformation limitations all of the splices in the lot will be accepted. If one or both of the retests fail to meet the strength requirements or deformation limitations all of the splices in the lot will be rejected. All costs of removal, testing and resplicing of the additional production splices shall be borne by the Contractor. The bars of rejected splices shall be cut off outside the splice zone of weld metal, filler metal contact, coupling or sleeve. The cut ends shall be finished as specified and the joints shall be respliced and reinspected at no additional cost.

e. Supplemental Examination - The Contracting Officer may require additional or supplemental radiographic examination and/or tension test of any completed splice.

-- End of Section --

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SECTION 03 30 00.00 40

CAST-IN-PLACE CONCRETE

PART 1 GENERAL

1.1 REFERENCES

The publications listed below form a part of this specification to the extent referenced. The publications are referred to within the text by the basic designation only.

ACI INTERNATIONAL (ACI)

ACI 117	(2006) Standard Specifications for Tolerances for Concrete Construction and Materials
ACI 211.1	(1991; R 2002) Standard Practice for Selecting Proportions for Normal, Heavyweight, and Mass Concrete
ACI 301	(2005) Specifications for Structural Concrete
ACI 318/318R	(2008; Errata 2008; Errata 2009) Building Code Requirements for Structural Concrete and Commentary
ACI/MCP-2	(2009) Manual of Concrete Practice Part 2 - ACI 224R-01 to ACI 313R-97
ACI/MCP-3	(2009) Manual of Concrete Practice Part 3:315-99 to 343R-95

AMERICAN WELDING SOCIETY (AWS)

AWS A5.1/A5.1M	(2004; Errata 2004) Carbon Steel Electrodes for Shielded Metal Arc Welding
AWS D1.4/D1.4M	(2005; E 2005) Structural Welding Code - Reinforcing Steel

ASTM INTERNATIONAL (ASTM)

ASTM A 185/A 185M	(2007) Standard Specification for Steel Welded Wire Reinforcement, Plain, for Concrete
ASTM A 497/A 497M	(2007) Standard Specification for Steel Welded Wire Reinforcement, Deformed, for Concrete
ASTM A 615/A 615M	(2008b) Standard Specification for Deformed and Plain Carbon-Steel Bars for Concrete Reinforcement
ASTM A 706/A 706M	(2008a) Standard Specification for Low-Alloy Steel Deformed and Plain Bars for Concrete Reinforcement

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ASTM A 767/A 767M	(2005) Standard Specification for Zinc-Coated (Galvanized) Steel Bars for Concrete Reinforcement
ASTM A 775/A 775M	(2007b) Standard Specification for Epoxy-Coated Steel Reinforcing Bars
ASTM A 82/A 82M	(2007) Standard Specification for Steel Wire, Plain, for Concrete Reinforcement
ASTM C 117	(2004) Standard Test Method for Materials Finer than 75-um (No. 200) Sieve in Mineral Aggregates by Washing
ASTM C 127	(2007) Standard Test Method for Density, Relative Density (Specific Gravity), and Absorption of Coarse Aggregate
ASTM C 128	(2007a) Standard Test Method for Density, Relative Density (Specific Gravity), and Absorption of Fine Aggregate
ASTM C 136	(2006) Standard Test Method for Sieve Analysis of Fine and Coarse Aggregates
ASTM C 138/C 138M	(2009) Standard Test Method for Density ("Unit Weight"), Yield, and Air Content (Gravimetric) of Concrete
ASTM C 143/C 143M	(2008) Standard Test Method for Slump of Hydraulic-Cement Concrete
ASTM C 150	(2007) Standard Specification for Portland Cement
ASTM C 156	(2005) Standard Test Method for Water Retention by Concrete Curing Materials
ASTM C 171	(2007) Standard Specification for Sheet Materials for Curing Concrete
ASTM C 172	(2008) Standard Practice for Sampling Freshly Mixed Concrete
ASTM C 192/C 192M	(2007) Standard Practice for Making and Curing Concrete Test Specimens in the Laboratory
ASTM C 231	(2008c) Standard Test Method for Air Content of Freshly Mixed Concrete by the Pressure Method
ASTM C 233	(2007) Standard Test Method for Air-Entraining Admixtures for Concrete
ASTM C 260	(2006) Standard Specification for Air-Entraining Admixtures for Concrete
ASTM C 29/C 29M	(2009) Standard Test Method for Bulk Density ("Unit Weight") and Voids in Aggregate

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ASTM C 309	(2007) Standard Specification for Liquid Membrane-Forming Compounds for Curing Concrete
ASTM C 31/C 31M	(2008a) Standard Practice for Making and Curing Concrete Test Specimens in the Field
ASTM C 33	(2003) Standard Specification for Concrete Aggregates
ASTM C 39/C 39M	(2005e1e) Standard Test Method for Compressive Strength of Cylindrical Concrete Specimens
ASTM C 42/C 42M	(2004) Standard Test Method for Obtaining and Testing Drilled Cores and Sawed Beams of Concrete
ASTM C 494/C 494M	(2008a) Standard Specification for Chemical Admixtures for Concrete
ASTM C 566	(1997; R 2004) Standard Test Method for Total Evaporable Moisture Content of Aggregate by Drying
ASTM C 618	(2008a) Standard Specification for Coal Fly Ash and Raw or Calcined Natural Pozzolan for Use in Concrete
ASTM C 70	(2006) Standard Test Method for Surface Moisture in Fine Aggregate
ASTM C 881/C 881M	(2002) Standard Specification for Epoxy-Resin-Base Bonding Systems for Concrete
ASTM C 932	(2006) Standard Specification for Surface-Applied Bonding Compounds for Exterior Plastering
ASTM C 94/C 94M	(2007) Standard Specification for Ready-Mixed Concrete
ASTM D 1557	(2007) Standard Test Methods for Laboratory Compaction Characteristics of Soil Using Modified Effort (56,000 ft-lbf/ft ³) (2700 kN-m/m ³)
ASTM E 329	(2008) Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction

CONCRETE REINFORCING STEEL INSTITUTE (CRSI)

CRSI 10MSP	(2001; 27Ed) Manual of Standard Practice
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NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY (NIST)

NIST PS 1	(2007) Construction and Industrial Plywood
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U.S. GENERAL SERVICES ADMINISTRATION (GSA)

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FS MMM-A-001993	(1978) Adhesive, Epoxy, Flexible, Filled (For Binding, Sealing, and Grouting)
FS SS-S-200	(Rev E; Am 2) Sealant, Joint, Two-Component, Jet-Blast-Resistant, Cold-Applied, for Portland Cement Concrete Pavement

1.2 SUBMITTALS

Government approval is required for submittals with a "G" designation; submittals not having a "G" designation are for information only. When used, a designation following the "G" designation identifies the office that will review the submittal for the Government. Submit the following in accordance with Section 01 33 00 SUBMITTAL PROCEDURES:

SD-01 Preconstruction Submittals

Construction Equipment Lists shall be submitted by the Contractor prior to construction in accordance with the paragraph entitled, "General Information," of this section.

SD-03 Product Data

Manufacturer's catalog data for the following items shall include printed instructions for admixtures, bonding agents, epoxy-resin adhesive binders, waterstops, and liquid chemical floor hardeners.

Concrete Aggregates (recycled & non-recycled)
Portland Cement
Ready-Mix Concrete
Form Facing Materials
Reinforcement Materials
Joint Materials
Bonding Materials
Concrete Curing Materials

SD-05 Design Data

Mix design data for each class of Ready-Mix Concrete including use of recycled concrete material shall be submitted at least 15 calendar days prior to start of specified work; G

SD-06 Test Reports

Test reports for welding electrodes shall be in accordance with AWS A5.1/A5.1M.

Reports for concrete shall be in accordance with the paragraph entitled, "Quality-Control Testing During Construction," of this section. Test reports of the chemical requirements of reinforcing bars shall also be submitted.

Chemical Composition
Mechanical Usability
Soundness

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Slump
Air Entrainment
Compressive Strength

SD-07 Certificates

Welding Procedures shall be in accordance with AWS D1.4/D1.4M.

Mill certificates shall be submitted for Steel Bar according to the paragraph entitled, "Fabrication," of this section.

Certificates for concrete shall be in accordance with the paragraph entitled, "Classification and Quality of Concrete," of this section. Certificates shall contain project name and number, date, name of Contractor, name of concrete testing service, source of concrete aggregates, material manufacturer, brand name of manufactured materials, material name, values as specified for each material, and test results. Certificates for Welder Qualifications shall be in accordance with the paragraph entitled, "Qualifications for Welding Work," of this section.

Concrete Design Mixes
Concrete Aggregates
Welding Procedures

SD-08 Manufacturer's Instructions

Installation instructions shall indicate the manufacturer's recommended method and sequence of installation for the following items:

Admixtures
Bonding Materials

SD-11 Closeout Submittals

Records of Communication shall be submitted in accordance with paragraph entitled, "General Information," of this section.

1.3 QUALIFICATIONS FOR CONCRETE TESTING SERVICE

Concrete testing shall be performed by a Government approved commercial testing laboratory and inspection service experienced in sampling and testing concrete. Testing agency shall meet the requirements of ASTM E 329.

1.4 QUALIFICATIONS FOR WELDING WORK

Welding procedures shall be in accordance with AWS D1.4/D1.4M.

Welder qualifications shall be verified in accordance with AWS D1.4/D1.4M or under an equivalent qualification test approved in advance. Welders shall be permitted to do only the type of welding for which each is specifically qualified.

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1.5 CONCRETE SAMPLING AND TESTING

Testing by the Contractor shall include sampling and testing concrete materials proposed for use in the work and testing the design mix for each class of concrete. Quality control testing during construction shall be performed by the Contractor.

Concrete aggregate materials proposed for use in the work shall be sampled and tested in accordance with ASTM C 33.

Portland cement shall be sampled and tested in accordance with ASTM C 150.

Air-entraining admixtures shall be sampled and tested in accordance with ASTM C 233.

1.6 CONCRETE DESIGN MIXES

Mix proportions for each concrete class shall be determined and tested as follows:

<u>REQUIREMENT</u>	<u>TEST METHOD</u>	<u>NUMBER OF TESTS</u>
Specific gravity absorption of fine aggregate	ASTM C 128	As required for the concrete aggregate for each trial mix
Specific gravity and absorption of coarse aggregate	ASTM C 127	
Gradation of fine and coarse aggregates	ASTM C 117 and ASTM C 136	
Moisture content of both fine and coarse aggregates	ASTM C 70 and ASTM C 566	
Dry-rodded unit weight of coarse aggregate	ASTM C 29	
Trial mixes using at least three different water/cement ratios, minimum allowable cement content, maximum allowable slump; both with and without air entrainment	ACI 211.1	As required to determine the concrete mix having the properties specified for each concrete class

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Making and curing concrete specimens in the laboratory	ASTM C 192	Two sets of three specimens for each design mix
Sampling fresh concrete in the laboratory	ASTM C 192	One for each set of design mix specimens
Slump	ASTM C 143	
Air content	ASTM C 231	
Yield	ASTM C 138	
Compressive strength	ASTM C 39	Three specimens tested at 7 days, and three specimens tested at 28 days for each mix design

Proportions of concrete mixtures shall be determined in accordance with ACI/MCP-2 and Method 1 of ACI 301, Section 3.8.2.1. Separate curves shall be prepared for air-entrained and non-air-entrained concretes.

1.7 DELIVERY AND STORAGE OF MATERIALS

Packaged materials shall be delivered to the project site in their original, unopened package or container bearing label clearly identifying manufacturer's name, brand name, material, weight or volume, and other pertinent information. Packaged materials shall be stored in their original, unbroken package or container in a weathertight and dry place until ready for use in the work.

Unpackaged aggregates shall be stored to avoid excessive segregation, contamination with other materials or other size aggregates, or freezing.

Reinforcement and other metal items shall be protected from corrosion and shall be kept free from ice, grease, and other coatings that would destroy or reduce bond.

1.8 GENERAL INFORMATION

Construction Equipment Lists of major components used during this phase of work shall be submitted prior to construction.

Letters of record expressing Communication between the Contractor and Contracting Officer shall be provided after the contract completion.

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PART 2 PRODUCTS

2.1 CONCRETE MATERIALS

2.1.1 General

All concrete materials for cast-in-place concrete, except for concrete bulkheads, shall conform Portland Cement Concrete, Class S as defined in Section 1006 of the Arizona Department of Transportation Standard Specifications for Road and Bridge Construction, latest edition, except as modified herein.

2.1.2 Portland Cement

Cement shall conform to ASTM C 150, Type II. One brand and type of cement shall be used for formed concrete having exposed-to-view finished surfaces.

2.1.3 Water

Minimize the amount of water in the mix. The amount of water must not exceed 45 percent by weight of cementitious materials (cement + pozzolans), and in general, improve workability by adjusting the grading rather than by adding water. Water must be fresh, clean, and free from injurious amounts of oils, acids, alkalis, salts, organic materials, or other substances deleterious to concrete.

2.1.4 Recycled Concrete Aggregate

When natural sand is used, up to 30% of natural crushed coarse aggregate can be replaced with coarse recycled aggregate. Between 10% and 20% of natural fine aggregates may be replaced with recycled fine aggregates.

2.2 FORM FACING MATERIALS

2.2.1 Concrete Form Plywood (Standard Rough)

Plywood shall conform to NIST PS 1, B-B, concrete form, not less than 5/8-inch thick.

2.2.2 Overlaid Concrete Form Plywood (Standard Smooth)

Plywood shall conform to NIST PS 1, B-B, high density form overlay, not less than 5/8-inch thick.

2.3 REINFORCEMENT MATERIALS

See Section 03 20 01.00 10 Concrete Reinforcing for requirements.

2.4 JOINT MATERIALS

2.4.1 Preformed Joint Filler Strips

Filler strips shall be nonextruding and resilient nonbituminous type conforming to ASTM D 1752, Type I or II.

2.4.2 Joint Sealant Compound

Compound shall be cold-applied, two-component, elastomeric polymer type conforming to FS SS-S-200.

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2.5 BONDING MATERIALS

2.5.1 Concrete Bonding Agent

Agent shall be an aqueous-phase, film-forming, nonoxidizing, freeze and thaw-resistant compound suitable for brush or spray application conforming to ASTM C 932.

2.5.2 Epoxy-Resin Adhesive Binder

Binder shall be two-component, epoxy-polysulfide polymer type with an amine-type curing-agent conforming to FS MMM-A-001993, Type I or ASTM C 881.

2.6 CONCRETE CURING MATERIALS

2.6.1 Absorptive Cover

Cover for curing concrete shall be burlap cloth made from jute or kenaf, weighing 9 ounces plus or minus 5 percent per square yard when clean and dry, conforming to ASTM C 171, Class 3; or cover may be cotton mats as approved.

2.6.2 Moisture-Retaining Cover

Cover for curing concrete shall be waterproof paper conforming to ASTM C 171, regular or white, or polyethylene sheeting conforming to ASTM C 171, or polyethylene-coated burlap consisting of a laminate of burlap and a white opaque polyethylene film permanently bonded to the burlap; burlap shall conform to ASTM C 171, Class 3, and polyethylene film shall conform to ASTM C 171. When tested for water retention in accordance with ASTM C 156, weight of water lost 72 hours after application of moisture retaining covering material shall not exceed 0.039 gram per square centimeter of the mortar specimen surface.

2.6.3 Water

Water shall be potable.

2.6.4 Membrane-Forming Curing Compound

Compound shall be liquid type conforming to ASTM C 309, Type 1, clear, Type 1D with fugitive dye for interior work and Type 2, white, pigmented for exterior work.

PART 3 EXECUTION

3.1 FORMWORK

3.1.1 General

Forms shall be constructed to conform, within the tolerances specified, to shapes dimensions, lines, elevations, and positions of cast-in-place concrete members as indicated. Forms shall be supported, braced, and maintained sufficiently rigid to prevent deformation under load.

3.1.2 Design and Construction of Form work

Form work design and construction shall conform to ACI/MCP-2 and ACI 301, Chapter 4.

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Forms shall be tight to prevent leakage of cement paste during concrete placing.

Form facing materials shall be supported by structural members spaced close to prevent deflection of form facing material. Forms placed in successive units for continuous surfaces shall be fitted to accurate alignment to ensure a smooth completed surface within the tolerances specified. Where necessary to maintain the tolerances specified, such as long spans where immediate supports are not possible, formwork shall be cambered for anticipated deflections in formwork due to weight and pressure of fresh concrete and to construction loads.

Exposed joints, edges, and external corners shall be chamfered a minimum of 3/4 inch by moldings placed in corners of column, beam, and wall forms.

Shores and struts shall be provided with a positive means of adjustment capable of taking up formwork settlement during concrete placing operations. Adjustment shall be obtained with wedges or jacks or a combination thereof. When adequate foundations for shores and struts cannot be secured, trussed supports shall be provided.

Temporary openings shall be provided in wall forms, column forms, and at other points where necessary to permit inspection and to facilitate cleaning.

Forms shall be readily removable without impact, shock, or damage to concrete.

3.1.3 Forms for Standard Rough Form Finish

Rough form finish shall be given concrete formed surfaces that are to be concealed by other construction, unless otherwise specified.

Form facing material for standard rough form finish shall be the specified concrete form plywood or other approved form facing material that will produce concrete surfaces equivalent in smoothness and appearance to that produced by new concrete form plywood panels.

For concrete surfaces exposed only to the ground, undressed, square-edge, 1-inch nominal thickness lumber may be used. Horizontal joints shall be level and vertical joints shall be plumb.

3.1.4 Forms for Standard Smooth Form Finish

Smooth form finish shall be given concrete formed surfaces that are to be exposed to view or that are to be covered with coating material applied directly to concrete or with covering material bonded to concrete, such as waterproofing, dampproofing, painting, or other similar coating system.

Form facing material for standard smooth finish shall be the specified overlaid concrete form plywood or other approved form facing material that is nonreactive with concrete and that will produce concrete surfaces equivalent in smoothness and appearance to that produced by new overlaid concrete form plywood panels.

Maximum deflection of form facing material between supports and maximum deflection of form supports such as studs and wales shall not exceed 0.0025 times the span.

Arrangement of form facing sheets shall be orderly and symmetrical, and sheets shall be in sizes as large as practical.

Panels shall be arranged to make a symmetrical pattern of joints. Horizontal and vertical joints shall be solidly backed and butted tight to prevent leakage and fins.

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3.1.5 Form Ties

Ties shall be factory fabricated metal, adjustable in length, removable or snap-off type that will not allow form deflection or will not spall concrete upon removal. Portion of form ties remaining within concrete after removal of exterior parts shall be at least 1-1/2 inches back from concrete surface. Form ties shall be free of devices that will leave a hole larger than 7/8 inch or less than 1/2 inch in diameter in concrete surface. Form ties fabricated at the project site or wire ties of any type are not acceptable.

3.1.6 Tolerances for Form Construction

Formwork shall be constructed to ensure that after removal of forms and prior to patching and finishing of formed surfaces, concrete surfaces shall be in accordance with tolerances specified in ACI 117 and ACI/MCP-2.

3.1.7 Preparation of Form Surfaces

Contact surfaces of forms shall be coated with form-coating compound before reinforcement is placed. Form-coating compound shall be a commercial formulation that will not bond with, stain, nor adversely affect concrete surfaces and will not impair subsequent treatment of concrete surfaces that entails bonding or adhesion nor impede wetting of surfaces to be cured with water or curing compounds. Excess form-coating compound shall not be allowed to stand in puddles in the forms nor to come in contact with concrete against which fresh concrete will be placed. Thinning of form-coating compound shall be made with thinning agent of the type, in the amount, and under the conditions recommended by form-coating compound manufacturer's printed or written directions.

3.1.8 Removal of Forms

Formwork that does not support weight of concrete, such as sides of beams, walls, columns, and similar vertical parts of the work, may be removed 24 hours after placing concrete, provided concrete is sufficiently hard not to be damaged from form-removal operations.

Formwork that supports weight of concrete, such as beam soffits, slabs, and similar horizontal parts of the work, shall remain in place at least until concrete has attained design minimum laboratory compressive strength at 28 days for applicable concrete class specified.

Form facing material may be removed before concrete has attained its required 28-day compressive strength but in no case less than 6 days after placing concrete, provided shores and other vertical supports have been arranged to permit removal of form-facing material without loosening or disturbing shores and supports. Shores and other vertical supports shall remain in place until concrete has attained its required 28-day compressive strength.

Results of control tests will be used as evidence that concrete has attained sufficient strength to permit removal of supporting forms. Test specimens shall be removed from molds at the end of 24 hours and stored in the structure as near points of sampling as possible; shall receive same protection from elements during curing as is given those portions of the structure which they represent; and shall not be removed from the structure for transmittal to the laboratory prior to expiration of three-fourths of proposed period before removal of forms. Supporting forms of shoring shall not be removed until strength of control-test specimens has attained a value of at least 1,500 psi for columns and 2,000 psi for other work. Contractor shall ensure that newly unsupported portions of the structure are not subjected to heavy construction or material loading.

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Tie-rod clamps to be removed from wall shall be loosened 24 hours after concrete is placed; form ties, except for a sufficient number to hold forms in place, may be removed at that time. Ties wholly withdrawn from wall shall be pulled toward inside face.

When formwork is removed during concrete curing period, exposed concrete shall be cured as specified.

3.1.9 Re-Use of Forms

Surfaces of forms that are to be re-used shall be cleaned and repaired, except that split, frayed, or delaminated form facing material shall not be re-used. Contact surfaces of re-used forms shall be coated as specified.

3.2 REINFORCEMENT FABRICATION AND INSTALLATION

See Section 03 20 01.00 10 Concrete Reinforcing for requirements.

3.3 JOINTS

3.3.1 Construction Joints

Joints not indicated shall be made and located so as not to impair strength and appearance of the structure and shall be as approved. Construction joints shall be located as follows:

In grade beams at not more than 30 feet in any horizontal direction.

In slabs on ground, so as to divide slab into areas not in excess of 120 square feet

Keyways at least 1-1/2-inches deep shall be provided in construction joints in walls and slabs and between walls and footings; approved bulkheads may be used for slabs.

Joints shall be perpendicular to main reinforcement. Reinforcement shall be continued across construction joints.

3.3.2 Control Joints in Slabs on Ground

Joints shall be provided to form panels as indicated.

Under and on exact line of each control joint, 50 percent of welded wire fabric reinforcement shall be cut before placing concrete.

Joints shall be 1/8-inch wide by 1/5 to 1/4 of slab depth and shall be formed by inserting hand-pressed fiberboard strip into fresh concrete until top surface of strip is flush with slab surface or by cutting the concrete with a saw after the concrete has set. After concrete has cured for at least 7 days, the Contractor shall remove inserts and clean groove of foreign matter and loose particles.

3.3.3 Sealing Joints in Slabs on Ground

Isolation and control joints which will not be covered with finish flooring material shall be sealed with joint sealing compound after concrete curing period. Groove shall be slightly underfilled with joint sealing compound to prevent extrusion of compound. Excess material shall be removed as soon after sealing as possible.

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Sealing shall not be required for isolation and control joints which will be covered with finish flooring material. Groove shall be left ready to receive filling material that will be provided as part of finish floor covering work.

3.4 INSTALLATION OF ANCHORAGE DEVICES

3.4.1 General

Anchorage devices and embedded items required for other work that is attached to, or supported by, cast-in-place concrete shall be set and built in as part of the work of this section, using setting drawings, instructions, and directions for work to be attached thereto.

3.4.2 Placing Anchorage Devices

Anchorage devices and embedded items shall be positioned accurately and supported against displacement. Openings in anchorage devices such as slots and threaded holes shall be filled with an approved, removable material to prevent entry of concrete into openings.

3.5 PLACEMENT OF CONCRETE FOR TUNNEL BULKHEADS

Where the new fence foundation does not block or does not completely block the found tunnel, the Contractor shall place a concrete to complete the tunnel bulkhead. The tunnel bulkhead shall extend to the limits described in Section 31 00 00 Earthwork and shall stop 12" below finish grade. Concrete required to complete the tunnel bulkhead shall be placed against a solid steel plate blocking off the tunnel. The width of the bulkheads shall be at least 18" thick. Concrete shall be placed in accordance with the requirements of Section 01 00 50 for existing tunnel procedures.

3.6 PREPARATIONS FOR CONCRETE PLACING

3.6.1 General

Surfaces against which concrete is to be placed shall be free of debris, loose material, standing water, snow, ice, and other deleterious substances before start of concrete placing. Standing water shall be removed prior to placement of concrete. Sub-grade surface shall be sprinkled with water as required to eliminate suction at the time concrete is deposited.

3.6.2 Sub-grade Under Foundations, Footings and Slabs

See Earthwork Section 31 00 00 for sub-grade preparation requirements.

3.6.3 Formwork

Formwork where used shall be complete and approved. Debris and foreign material shall be removed from interior of forms before start of concrete placing.

3.6.4 Edge Forms and Screed Strips for Slabs/Pads

Edge forms or bulkheads and intermediate screed strips for slabs/pads shall be set to obtain indicated elevations and contours in finished slab/pad surface and shall be strong to support vibrating bridge screeds or roller pipe screeds if nature of specified slab/pad finish requires use of such equipment. Concrete surface shall be aligned to elevation of screed strips by use of strike-off templates or approved compacting-type screeds.

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3.6.5 Reinforcement and Other Embedded Items

Reinforcement, joint materials, and other embedded materials shall be secured in position, inspected, and approved before start of concrete placing.

3.7 CONCRETE CONVEYING

3.7.1 Transfer of Concrete At Project Site

Concrete shall be handled from point of delivery and transfer to concrete conveying equipment and to locations of final deposit as rapidly as practical by methods which will prevent segregation and loss of concrete mix materials.

3.7.2 Mechanical Equipment for Conveying Concrete

Equipment shall ensure a continuous flow of concrete at delivery end and shall be as approved. Runways for wheeled concrete-conveying equipment shall be provided from concrete delivery point to locations of final deposit. Interior surfaces of concrete conveying equipment shall be free of hardened concrete, debris, water, snow, ice, and other deleterious substances.

3.8 CONCRETE PLACING

3.8.1 Weather Limitations and Protection

Concrete shall not be placed when the temperature of the concrete exceeds 90 degrees F, nor when the ambient temperature is below 40 degrees F, nor during rain, sleet, or snow, unless protection is provided, nor after 90-minutes from the time shown on the batch ticket to the time of placement.

When concrete is placed at 90 degree F or better it shall be covered and kept continuously wet for a minimum of 48 hours. Protection shall be provided during cold weather in accordance with ACI/MCP-2 and ACI 301.

During inclement weather, protection material shall be watertight to prevent entry of rain, sleet, or snow onto surfaces to receive concrete and into fresh concrete.

Protection materials shall be stored at project site for use in event of unforeseen weather changes after start of concrete placing operations.

3.8.2 General Placing Requirements

Concrete shall be deposited continuously or in layers of such thickness that no concrete will be placed on concrete which has hardened sufficiently to cause formation of seams or planes of weakness within the section. If a section cannot be placed continuously, construction joints shall be provided as specified. Concrete placing shall be performed at such a rate that concrete which is being integrated with fresh concrete is still plastic. Concrete shall be deposited as nearly as practical in its final position to avoid segregation due to rehandling or flowing. Concrete shall not be subjected to procedures which will cause segregation.

Concrete which becomes non-plastic and unworkable or does not meet quality control limits as specified or has been contaminated by foreign materials shall not be used. Use of retempered concrete will not be permitted. Rejected concrete shall be removed from the site.

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3.8.3 Placing Concrete in Forms

Temporary spreaders in forms shall be removed when concrete placing has reached elevation of spreaders.

Concrete placed in forms shall be consolidated by mechanical vibrating equipment supplemented by hand spading, rodding, or tamping. Vibrators shall be designed to operate with vibratory element submerged in concrete and shall maintain a speed of not less than 9,000 impulses per minute when submerged in concrete. Vibrating equipment shall be adequate in number of units and power of each unit to properly consolidate concrete. Vibration of forms and reinforcement shall not be permitted. Vibrators shall not be used to transport concrete inside forms. Vibrators shall be inserted and withdrawn vertically at uniformly spaced points not farther apart than visible effectiveness of machine. Vibrator shall not be inserted into lower courses of concrete that have begun to set. At each insertion, duration of vibration shall be limited to time necessary to consolidate concrete and complete embedment of reinforcement and other embedded items without causing segregation of concrete mix.

Placing of concrete in supporting elements shall not be started until concrete previously placed in columns and walls is no longer plastic and has been in place a minimum of 2 hours.

3.8.4 Placing Concrete on Grade

Concrete for foundations and slabs shall be placed and consolidated in a continuous operation, within the limits of approved construction joints if any until placing of panel or section is completed.

During concrete placing operations, concrete shall be consolidated by mechanical vibrating equipment so that concrete is worked around reinforcement and other embedded items. Concrete placed in supported slabs or pads shall be consolidated by mechanical vibrators as directed. Otherwise concrete in slabs/pads shall be consolidated by vibrating bridge screeds, roller pipe screeds, or other approved method. Consolidation operations shall be limited to time necessary to obtain consolidation of concrete without bringing an excess of fine aggregate to the surface. Concrete to be consolidated shall be as dry as practical and surfaces thereof shall not be manipulated prior to finishing operations. Concrete shall be brought to correct level with a straightedge and struck-off. Bull floats or darbies shall be used to smooth surface, leaving it free of humps or hollows. Sprinkling of water on plastic surface shall not be permitted.

3.8.5 Bonding

Surfaces of set concrete at joints, except where bonding is obtained by use of concrete bonding agent, shall be roughened and cleaned of laitance, coatings, loose particles, and foreign matter. Surfaces shall be roughened in a manner that will expose the aggregate uniformly and will not leave laitance, loosened particles of aggregate, nor damaged concrete at the surface.

Bonding of fresh concrete that has set shall be obtained as follows:

At joints between concrete construction elements unless otherwise specified; roughened and cleaned surface of set concrete shall be dampened, but not saturated, immediately prior to placing of fresh concrete.

At joints in exposed-to-view work; at vertical joints in walls; at supported slabs, and other structural members; and at joints in work exposed to liquids; the roughened and cleaned surface of set concrete shall be dampened but not saturated and covered with a cement grout coating.

Cement grout shall consist of equal parts of portland cement and fine aggregate by weight with not more than 6 gallons of water per sack of cement. Cement grout shall be applied with a stiff broom

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or brush to a minimum thickness of 1/16 inch. Fresh concrete shall be deposited before cement grout has attained its initial set.

Bonding of fresh concrete to concrete that has set may be obtained by use of a concrete bonding agent. Such bonding material shall be applied to cleaned concrete surface in accordance with approved printed instructions of bonding material manufacturer.

3.9 FINISHING OF FORMED SURFACES

3.9.1 Repairing and Patching Defective Areas

Immediately after removal of forms, defective areas above finish grade shall be repaired and patched with cement mortar. Honeycomb, rock pockets, voids over 1/2 inch in diameter, and holes left by tie rods and bolts shall be cut out to solid concrete, but in no case to a depth of less than 1 inch. Edges of cuts shall be perpendicular to surface of concrete. Before placing cement mortar, area to be patched at least 6 inches adjacent thereto shall be cleaned, dampened with water, and brush coated with neat Portland cement grout. Cement mortar for patching shall consist of one part standard Portland cement to two parts fine aggregate passing No. 16 mesh sieve and as little water as necessary for handling and placing. Portland cement portion of cement mortar shall be a blend of white and standard Portland cement so that when dry, cement mortar will match surrounding concrete in color. Cement mortar shall be compacted in place and struck off slightly higher than the surrounding surface. Holes extending through concrete shall be filled by means of a plunger type gun or other suitable device from unexposed face, using a stop held at exposed face to ensure complete filling.

3.9.2 Standard Rough Form Finish

Formed concrete below finish grade shall be standard rough form finish. Rough finish shall be the concrete surface having texture imparted by form facing material used, defective areas repaired and patched as specified, and fins and other projections exceeding 1/4 inch in height rubbed down with wood blocks.

3.9.3 Standard Smooth Finish

Formed concrete above grade shall be standard smooth finish. Smooth finish shall be as-cast concrete surface as obtained with form facing material for standard smooth finish. Defective areas shall be repaired and patched as specified; and all fins and other projections on surface shall be removed.

3.9.4 Related Unformed Surfaces

Tops of walls, horizontal offsets, and similar unformed surfaces occurring adjacent to formed surfaces shall be struck off smooth after concrete is placed and shall be finished to a texture matching that of adjacent formed surfaces. Final surface treatment on formed surfaces shall continue uniformly across adjacent unformed surfaces.

3.10 FINISHING OF SLABS AND CHANNELS

3.10.1 Scratch Finish

After placing concrete slabs, surface shall be plane to a tolerance not exceeding 1/4 inch in 2 feet when tested with a 2-foot straightedge placed on the surface at not less than two different angles. Surfaces shall be uniformly sloped to drain. After leveling, surface shall be roughened with stiff brushes or raked before final set.

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3.11 CONCRETE CURING AND PROTECTION

3.11.1 General

Freshly placed concrete shall be protected from premature drying and cold or hot temperature and shall be maintained without drying at a relatively constant temperature for the period of time necessary for hydration of cement and proper hardening of concrete.

Initial curing shall start as soon as free water has disappeared from surface of concrete after placing and finishing. Concrete shall be kept moist for minimum 72 hours.

Final curing shall immediately follow initial curing and before concrete has dried. Final curing shall continue until cumulative number of hours or fraction thereof (not necessarily consecutive) during which temperature of air in contact with the concrete is above 50 degrees F has totaled 168 hours. Alternatively, if tests are made of cylinders kept adjacent to the structure and cured by the same methods, final curing may be terminated when the average compressive strength has reached 70 percent of the 28-day design compressive strength. Rapid drying at end of final curing period shall be prevented.

3.11.2 Curing Methods

Curing shall be accomplished by moist curing, by moisture-retaining cover curing, by membrane curing, and by combinations thereof, as specified.

Moist curing:

Moisture curing shall be accomplished by any of the following methods:

Keeping surface of concrete wet by covering with water

Continuous water spraying

Covering concrete surface with specified absorptive cover for curing concrete saturated with water and keeping absorptive cover wet by water spraying or intermittent hosing. Absorptive cover shall be placed to provide coverage of concrete surfaces and edges with a slight overlap over adjacent absorptive covers.

Moisture-cover curing:

Moisture-retaining cover curing shall be accomplished by covering concrete surfaces with specified moisture-retaining cover for curing concrete. Cover shall be placed directly on concrete in widest practical width, with sides and ends lapped at least 3 inches. Cover shall be weighted to prevent displacement; tears or holes appearing during curing period shall be immediately repaired by patching with pressure-sensitive, waterproof tape or other approved method.

Membrane curing:

Membrane curing shall be accomplished by applying specified membrane-forming curing compound to damp concrete surfaces as soon as moisture film has disappeared. Curing compound shall be applied uniformly in a two-coat operation by power-spraying equipment using a spray nozzle equipped with a wind guard. Second coat shall be applied in a direction at right angles to direction of first coat. Total coverage for two coats shall be not more than 200 square feet per gallon of curing compound. Concrete surfaces which are subjected to heavy rainfall within 3 hours after curing compound has been applied shall be resprayed by method and at rate specified.

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Continuity of coating shall be maintained for entire curing period and damage to coating during this period shall be repaired immediately.

Membrane-curing compounds shall not be used on surfaces that are to be covered with coating material applied directly to concrete or with a covering material bonded to concrete, such as other concrete, liquid floor hardener, waterproofing, dampproofing, membrane roofing, painting, and other coatings and finish materials.

3.11.3 Curing Formed Surfaces

Curing of formed surfaces shall be accomplished by moist curing with forms in place for full curing period or until forms are removed. If forms are removed before end of curing period, final curing of formed surfaces shall be accomplished by any of the curing methods specified above, as applicable.

3.11.4 Curing Unformed Surfaces

Initial curing of unformed surfaces, such as monolithic slabs/pads shall be accomplished by membrane curing.

Unless otherwise specified, final curing of unformed surfaces shall be accomplished by any of curing methods specified above, as applicable.

3.11.5 Temperature of Concrete During Curing

When temperature of atmosphere is 40 degrees F and below, temperature of concrete shall be maintained at not less than 50 degrees F throughout concrete curing period or 45 degrees F when the curing period is measured by maturity. When necessary, arrangements shall be made before start of concrete placing for heating, covering, insulation, or housing as required to maintain specified temperature and moisture conditions for concrete during curing period.

When the temperature of atmosphere is 80 degrees F and above or during other climatic conditions which will cause too rapid drying of concrete, arrangements shall be made before start of concrete placing for installation of wind breaks, of shading, and for fog spraying, wet sprinkling, or moisture-retaining covering of light color as required to protect concrete during curing period.

Changes in temperature of concrete shall be uniform and shall not exceed 5 degrees F in any 1 hour nor 50 degrees F in any 24-hour period.

3.11.6 Protection from Mechanical Injury

During curing period, concrete shall be protected from damaging mechanical disturbances, particularly load stresses, heavy shock, and excessive vibration and from damage caused by rain or running water.

3.11.7 Protection After Curing

Finished concrete surfaces shall be protected from damage by construction operations.

3.12 QUALITY-CONTROL TESTING DURING CONSTRUCTION

Concrete shall be sampled and tested for quality control by the Contractor during the placement of the concrete as follows:

<u>REQUIREMENT</u>	<u>TEST METHOD</u>	<u>NUMBER OF TESTS</u>
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Sampling fresh concrete	ASTM C 172 except modified for slump per ASTM C 94	As required for each test
Slump test	ASTM C 143	One for each concrete load at point of discharge and one for each set of compressive strength tests
Air content by pressure method	ASTM C 231	One for each set of compressive strength tests
Compression test specimens	ASTM C 31	One set of six standard cylinders for each compressive strength test
Concrete temperature		Hourly when air temperature is 40 degrees F or below and 80 degrees F or above; each time a set of compression test specimens is made
Compressive strength test	ASTM C 39	One set for each 150 cubic yards or fraction thereof of each concrete class placed in any one day; two specimens tested at 7 days, three specimens tested at 28 days and one specimen retained in reserve for testing if required

Test reports for concrete for Chemical Composition, Mechanical Usability and Soundness shall be submitted by the Contractor meeting all design specifications as required by referenced standards within this section.

3.13 INSPECTION AND ACCEPTANCE PROVISIONS

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3.13.1 Evaluation of Compressive Strength Tests

Concrete quality control test will be evaluated as specified.

Compressive strength tests will be considered satisfactory if the average of all sets of five consecutive compressive strength tests equal or exceed the 28-day design compressive strength, or if no individual compressive strength test (average of two cylinders) falls below the required 28-day design compressive strength by more than 500 pounds per square inch.

If compressive strength tests fail to meet minimum requirements specified, concrete represented by such tests will be considered deficient in strength and subject to provisions specified.

3.13.2 Strength of Concrete Structure

Strength of concrete structure in place will be considered deficient if it fails to comply with requirements which control strength of structure, including following conditions:

Failure to meet compressive strength tests as evaluated

Reinforcement not conforming to requirements specified

Concrete which differs from required dimensions or location in such a manner as to reduce strength

Concrete curing and protection of concrete against extremes of temperature during curing, not conforming to requirements specified

Concrete subjected to damaging mechanical disturbances, particularly load stresses, heavy shock, and excessive vibration

Poor workmanship likely to result in deficient strength

3.13.3 Testing Concrete Structure for Strength

When there is evidence that strength of concrete structure in place does not meet specification requirements, cores drilled from hardened concrete for compressive strength determination shall be made in accordance with ASTM C 42/C 42M, and as follows:

At least three representative cores shall be taken from each member or area of concrete-in-place that is considered potentially deficient. Location of cores will be determined by the Contracting Officer.

Cores shall be tested after moisture conditioning in accordance with ASTM C 42/C 42M if concrete they represent will be more than superficially wet under service.

Cores shall be air dried, (60 to 80 degrees F with relative humidity less than 60 percent) for 7 days before test and shall be tested dry if concrete they represent will be dry under service conditions.

Strength of cores from each member or area will be considered satisfactory if their average is equal to or greater than 85 percent of the 28-day design compressive strength of the class of concrete.

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Core specimens will be taken and tested by the Government. If the results of core-boring tests indicate that the concrete as placed does not conform to the drawings and specification, the cost of such tests and restoration required shall be borne by the Contractor.

Core holes shall be filled solid with patching mortar and finished to match adjacent concrete surfaces.

Concrete work that is found inadequate by core tests shall be corrected in a manner approved by the Contracting Officer.

-- End of Section --

SECTION 03 37 13

SHOTCRETE
11/09

PART 1 GENERAL

1.1 UNIT PRICES

1.1.1 Shotcrete

1.1.1.1 Payment

Payment will be made for all costs associated with furnishing, delivering, and placing shotcrete.

1.1.1.2 Measurement

Shotcrete will be measured for payment based upon the quantity per cubic yard, based on the area shotcreted to the thickness shown on the contract drawings.

1.1.1.3 Unit of Measure

Unit of measure: cubic yard.

1.2 REFERENCES

The publications listed below form a part of this specification to the extent referenced. The publications are referred to within the text by the basic designation only.

AMERICAN CONCRETE INSTITUTE INTERNATIONAL (ACI)

ACI CP-60 (2009) Craftman Workbook for ACI
Certification of Shotcrete Nozzleman

ASTM INTERNATIONAL (ASTM)

ASTM A820/A820M (2011) Standard Specification for Steel
Fibers for Fiber-Reinforced Concrete

ASTM C1077 (2011c) Standard Practice for Laboratories
Testing Concrete and Concrete Aggregates
for Use in Construction and Criteria for
Laboratory Evaluation

ASTM C1140/C1140M (2011) Standard Practice for Preparing and
Testing Specimens from Shotcrete Test
Panels

ASTM C1141/C1141M (2008) Standard Specification for
Admixtures for Shotcrete

ASTM C1240 (2011) Standard Specification for Silica
Fume Used in Cementitious Mixtures

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ASTM C1260	(2007) Standard Test Method for Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)
ASTM C136	(2006) Standard Test Method for Sieve Analysis of Fine and Coarse Aggregates
ASTM C150/C150M	(2011) Standard Specification for Portland Cement
ASTM C1567	(2011) Standard Test Method for Potential Alkali-Silica Reactivity of Combinations of Cementitious Materials and Aggregate (Accelerated Mortar-Bar Method)
ASTM C171	(2007) Standard Specification for Sheet Materials for Curing Concrete
ASTM C231/C231M	(2010) Standard Test Method for Air Content of Freshly Mixed Concrete by the Pressure Method
ASTM C266	(2008e1) Standard Test Method for Time of Setting of Hydraulic-Cement Paste by Gillmore Needles
ASTM C309	(2011) Standard Specification for Liquid Membrane-Forming Compounds for Curing Concrete
ASTM C33/C33M	(2011a) Standard Specification for Concrete Aggregates
ASTM C42/C42M	(2011) Standard Test Method for Obtaining and Testing Drilled Cores and Sawed Beams of Concrete
ASTM C566	(1997; R 2004) Standard Test Method for Total Evaporable Moisture Content of Aggregate by Drying
ASTM C595/C595M	(2011) Standard Specification for Blended Hydraulic Cements
ASTM C618	(2008a) Standard Specification for Coal Fly Ash and Raw or Calcined Natural Pozzolan for Use in Concrete
ASTM C685/C685M	(2011) Concrete Made by Volumetric Batching and Continuous Mixing
ASTM C881/C881M	(2010) Standard Specification for Epoxy-Resin-Base Bonding Systems for Concrete
ASTM C94/C94M	(2011b) Standard Specification for Ready-Mixed Concrete

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U.S. ARMY CORPS OF ENGINEERS (USACE)

COE CRD-C 400

(1963) Requirements for Water for Use in
Mixing or Curing Concrete

1.3 SYSTEM DESCRIPTION

1.3.1 Strength

Final acceptance of the shotcrete will be based on compressive strength results obtained from cores.

1.3.2 Compressive Strength

The required compressive strength of cores shall not be less than 4000 psi at 28 days age when tested in accordance with ASTM C42/C42M. The average compressive strength of cores taken from the structure, representing a shift or not more than 50 cubic yards of shotcrete tested at 28 days of age, shall equal or exceed the required compressive strength specified with no individual core less than 85 percent of the required compressive strength. When the length of a core is less than 1.94 times the diameter, the correction factors given in ASTM C42/C42M will be applied to obtain the compressive strength of individual cores.

1.4 SUBMITTALS

Government approval is required for submittals with a "G" designation; submittals not having a "G" designation are for information only. When used, a designation following the "G" designation identifies the office that will review the submittal for the Government. Submit the following in accordance with Section 01 33 00 SUBMITTAL PROCEDURES:

SD-06 Test Reports

Mixture Proportions; G
Aggregates
Accelerator Compatibility; G
Preconstruction Test Panels

SD-07 Certificates

Portland Cement; G
Pozzolans
Silica Fume
Accelerating Admixtures; G
Curing Materials; G
Steel Fiber Reinforcement; G
Qualifications; G

1.5 QUALITY ASSURANCE

Provide facilities and labor, as may be necessary, for obtaining and testing representative test samples. Shotcrete shall be sampled and tested by the method given in paragraph STRENGTH TESTING in PART 3.

1.5.1 Qualifications

Shotcrete will be produced by either the Dry or Wet Method. Submit a resume for each nozzleman certifying that each has not less than 1 year's

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experience for the particular type of shotcrete to be applied. The resume shall include company name, address, and telephone number, name of supervisor, and detailed description of work performed. All nozzlemen shall be certified in accordance with ACI CP-60. Qualifications of additional nozzlemen throughout the job shall be similarly submitted for approval.

PART 2 PRODUCTS

2.1 MATERIALS

2.1.1 Cementitious Materials

Cementitious materials shall be portland cement, blended hydraulic cement, portland cement in combination with pozzolan or ground granulated blast-furnace slag (GGBFS), or portland cement in combination with silica fume conforming to appropriate specifications listed below.

2.1.1.1 Portland Cement

Portland cement shall meet the requirements of ASTM C150/C150M Type II. Submit certificate of compliance with all specification requirements.

2.1.1.2 Blended Hydraulic Cement

ASTM C595/C595M Type IS, IP.

2.1.1.3 Pozzolan Other Than Silica Fume

Pozzolans shall conform to ASTM C618, Class C, with the optional requirements for [available alkalies from Table 1A] multiple factor, drying shrinkage, and uniformity of Table 2A. Submit certificate of compliance for fly ash and other pozzolans with all specification requirements.

2.1.1.4 Silica Fume

Silica may be furnished as a dry, densified material or as a slurry. Silica fume, unprocessed, or before processing into a slurry or a densified material, shall conform to ASTM C1240. Submit certificate of compliance for silica fume with all specification requirements.

2.1.2 Aggregates

Submit Supplier's test reports for aggregates showing the materials meet the requirements of this specification. Aggregates shall conform to ASTM C33/C33M with the combined grading of coarse and fine aggregates conforming to the grading shown below.

PERCENT BY MASS PASSING INDIVIDUAL SIEVES			
SIEVE SIZE	GRADING NO. 1	GRADING NO. 2	GRADING NO. 3*
(3/4 in.)	--	--	100
(1/2 in.)	--	100	80-95
(3/8 in.)	100	90-100	70-90

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(No. 4)	95-100	75-85	50-70
(No. 8)	80-100	50-70	35-55
(No. 16)	50-85	35-55	20-40
(No. 30)	25-60	20-35	10-30
(No. 50)	10-30	8-20	5-17
(No. 100)	2-10	2-10	2-10

* Fine and coarse aggregates shall be "tested and evaluated for alkali-aggregate reactivity in accordance with ASTM C1260. The fine and coarse aggregates shall be evaluated separately and in combination, which matches the Contractor's proposed mix design proportioning. All results of the separate and combination testing shall have a measured expansion less than 0.10 (0.08) percent at 16 days after casting. Should the test data indicate an expansion of 0.10 (0.08) percent or greater, the aggregate(s) shall be rejected or additional testing using ASTM C1260 and ASTM C1567 shall be performed. The additional testing using ASTM C1260 and ASTM C1567 shall be performed using the low alkali portland cement in combination with ground granulated blast furnace (GGBF) slag, or Class F fly ash. GGBF slag shall be used in the range of 40 to 50 percent of the total cementitious material by mass. Class F fly ash shall be used in the range of 25 to 40 percent of the total cementitious material by mass."

2.1.3 Water

Use fresh, clean, potable mixing water or nonpotable water which meets the requirements of COE CRD-C 400.

2.1.4 Admixtures

a. Admixtures to be used, when required or approved, shall comply with the appropriate sections of ASTM C1141/C1141M. Except as otherwise accepted, soluble admixtures shall be dissolved in water before introduction into the shotcrete mixture.

b. When accelerating admixtures complying with ASTM C1141/C1141M, Type II, Grade 1, are to be used, establish the accelerator compatibility of the job cement and the proposed accelerators using ASTM C266, except as modified herein. The powdered accelerator shall be blended with 1.25 ounces of cement until uniform and 0.004 gal of water shall then be added. The liquid accelerator shall first be mixed with 0.004 gal of water and then added to 1.25 ounces of cement. Three percent of the proposed accelerator by mass of cement shall be used as a starting point. Mixing shall be accomplished within 15 seconds. The specimen shall be molded within 1 minute of adding the mixing water. If initial set is 2 minutes or less and a final set is 10 minutes or less, the accelerator is considered compatible. If these values are not achieved in the first test, additional tests shall be run using 2 percent and 4 percent of accelerator. Submit document establishing the compatibility of the job cement and the proposed accelerators and certificate of

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compliance for accelerating admixtures with all specification requirements.

2.1.5 Curing Materials

Submit certificate of compliance for curing materials with all specification requirements. Curing materials shall meet the following requirements.

2.1.5.1 Impervious Sheet Materials

ASTM C171, type optional except polyethylene film, if used, shall be white opaque.

2.1.5.2 Membrane-Forming Curing Compound

ASTM C309, Type 1-D or Type 2.

2.1.6 Reinforcement

2.1.6.1 Steel Fiber Reinforcement

Steel fiber reinforcement shall meet the requirements of ASTM A820/A820M. Submit certificate of compliance for fiber reinforcement with all specification requirements.

2.1.7 Air Content

Air-entraining admixture shall be used in such proportion that the air content of the shotcrete prior to gunning shall be plus or minus (+) 1.0 percent as determined by ASTM C231/C231M.

2.1.8 Air Supply

Provide a supply of clean, dry air adequate for maintaining sufficient nozzle velocity for all parts of the work and, if required, for simultaneous operation of a suitable blowpipe for clearing away rebound.

2.2 MIXTURE PROPORTIONS

Mixture proportions and test data from prior experience within 2 years, if available, may be submitted for approval. If test data from experience are not available or accepted, specimens shall be made and tested from mixtures having three or more different proportions. The recommended mixture proportions, sources of materials, and all test results shall be submitted for acceptance.

2.3 EQUIPMENT

2.3.1 Dry Mix Batching and Mixing

Aggregate and cementitious materials may be batched by mass or by volume. Equipment for batching by mass shall be capable of the accuracy specified in ASTM C94/C94M. Volumetric equipment shall be capable of batching with the accuracy specified in ASTM C685/C685M. The mixing equipment shall be capable of thoroughly mixing the materials in sufficient quantity to maintain placing continuity and be capable of discharging all mixed material without any carryover from one batch to the next.

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2.3.2 Delivery Equipment for Dry Mix

The equipment shall be capable of discharging the aggregate-cement mixture into the delivery hose and delivering a continuous smooth stream of uniformly mixed material to the discharge nozzle. The discharge nozzle shall be equipped with a manually operated water injection system (water ring) for directing an even distribution of water through the aggregate-cement mixture. The water valve shall be capable of ready adjustment to vary the quantity of water and shall be convenient to the nozzleman. The water pressure at the discharge nozzle shall be sufficiently greater than the operating air pressure to ensure that the water is completely mixed with the other materials. If the line water pressure is inadequate, a water pump shall be introduced into the line. The water pressure shall be steady (nonpulsating). The delivery equipment shall be thoroughly cleaned at the end of each shift. Equipment parts, especially the nozzle liner and water ring, shall be regularly inspected and replaced as required.

2.3.3 Wet Mix Batching and Mixing

Batching and mixing shall be accomplished in accordance with the applicable provisions of ASTM C94/C94M. If volumetric batching and mixing are used, the materials shall be batched and mixed in accordance with the applicable provisions of ASTM C685/C685M. The mixing equipment shall be capable of thoroughly mixing the specified materials in sufficient quantity to maintain continuous placing. Ready-mix shotcrete complying with ASTM C94/C94M may be used.

2.3.4 Delivery Equipment for Wet Mix

The equipment shall be capable of delivering the premixed materials accurately, uniformly, and continuously through the delivery hose. Recommendations of the equipment manufacturer shall be followed on the type and size of nozzle to be used and on cleaning, inspection, and maintenance of the equipment.

PART 3 EXECUTION

3.1 PREPARATION OF SURFACES

3.1.1 Earth

Earth shall be compacted and trimmed to line and graded before placement of shotcrete. Surfaces to receive shotcrete shall be dampened.

3.1.2 Existing Concrete

All unsound and loose materials shall be removed by sandblasting, grinding, or high-pressure water jets before applying shotcrete. Any area to be repaired shall be chipped off or scarified to remove offsets which would cause an abrupt change in thickness without suitable reinforcement. Edges shall be tapered to leave no square shoulders at the perimeter of a cavity. The surface shall be dampened but without visible free water.

3.1.3 Rock

Rock surfaces shall be cleaned to remove loose or drummy material, mud, running water, and other foreign matter that will prevent bond of the shotcrete. The rock surface shall be dampened prior to placement of

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shotcrete.

3.1.4 Shotcrete

When a layer of shotcrete is to be covered by a succeeding layer at a later time, it shall first be allowed to develop its initial set. Then all laitance, loose material, and rebound shall be removed by brooming or scraping. Hardened laitance set shall be removed by sandblasting and the surface thoroughly cleaned.

3.1.5 Construction Joints

Unless otherwise specified, construction joints shall be tapered to a shallow edge form, about 1 inch thick. If nontapered joints are specified, take special care to avoid or remove trapped rebound at the joint. The entire joint shall be thoroughly cleaned and wetted prior to the application of additional shotcrete.

3.2 PLACEMENT OF SHOTCRETE

3.2.1 General

Place shotcrete using suitable delivery equipment and procedures. The area to which shotcrete is to be applied shall be clean and free of rebound or overspray.

3.2.2 Placement Techniques

3.2.2.1 Placement Control

Thickness, method of support, air pressure, and water content of shotcrete shall be controlled to preclude sagging or sloughing off. Shotcreting shall be discontinued or suitable means shall be provided to screen the nozzle stream if wind or air currents cause separation of the nozzle stream during placement.

3.2.2.2 Corners

Horizontal and vertical corners and any area where rebound cannot escape or be blown free shall be filled first.

3.2.3 Placement Around Reinforcement

The nozzle shall be held at such distance and angle to place material behind reinforcement before any material is allowed to accumulate on the face of the reinforcement. In the dry-mix process, additional water may be added to the mixture when encasing reinforcement to facilitate a smooth flow of material behind the bars. Shotcrete shall not be placed through more than one layer of reinforcing steel rods or mesh in one application unless demonstrated by preconstruction tests that steel is properly encased.

3.2.4 Cover of Reinforcement

The following minimum cover shall be provided.

- a. For shotcrete used as linings, coatings, slab, or wall: 3/4 inch.

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3.2.5 Placement Precautions

The following precautions shall be taken during placement.

- a. Placement shall be stopped if drying or stiffening of the mixture takes place at any time prior to delivery to the nozzle.
- b. Rebound or previously expended material shall not be used in the shotcrete mixture.

3.3 REPAIR OF DEFECTS

3.3.1 Defects

Defective areas larger than 48 square inches or 2 inches deep shall be removed and replaced with fresh shotcrete. These defects include honeycombing, lamination, dry patches, voids, or sand pockets. Defective areas shall be removed in accordance with the procedures described in paragraph EXISTING CONCRETE and replaced with fresh shotcrete.

3.3.1.1 Repairs

All repairs shall be made within 1 week of the time the deficiency is discovered. All unacceptable materials shall be removed and repaired by the procedures described in the following two paragraphs. Voids and holes left by the removal of tie rods in all permanently exposed surfaces not to be backfilled and in surfaces to be exposed to water shall be reamed and completely filled with dry-patching mortar as specified below.

3.3.1.2 Minor Patching

Minor patching may be accomplished with a dry-pack mixture, or with materials as approved by the Contracting Officer. Patches that exceed 0.1 cubic foot in volume shall receive a brush coat of approved epoxy resin meeting ASTM C881/C881M, Type II, as a prime coat. Care shall be taken not to spill epoxy or overcoat the repair surface so that the epoxy runs or is squeezed out onto the surface which will remain exposed to view. Epoxy resin shall be used in strict conformance with manufacturer's recommendations with special attention paid to pot life, safety, and thin film tack time.

3.3.2 Core Holes

Core holes shall not be repaired with shotcrete. Instead, they shall be filled solid with a dry-pack mixture after being cleaned and thoroughly dampened.

3.4 FINISHING

3.4.1 Natural Gun Finish

Unless otherwise specified, provide undisturbed final layer of shotcrete as applied from nozzle without hand finishing.

3.4.2 Cutting Screed

After the surface has taken its initial set (crumbling slightly when cut), excess material outside the forms and ground wires shall be sliced off with a downward cutting motion using a sharp-edged cutting screed.

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3.4.3 Flash Coat

A thin coat of shotcrete containing finer sand applied from a distance greater than normal shall be applied to the surface as soon as possible after the screeding.

3.4.4 Float and Trowel Finish

Final surface finish shall be provided using wood float. Troweling of thin sections of shotcrete shall be avoided unless both troweling and commencement of moisture curing take place within a relatively short period after placement of shotcrete.

3.4.5 Fiber-Reinforced Shotcrete

Finish the outer surface of the structure with a layer of nonfiber-reinforced shotcrete and provide an appropriate finish as denoted.

3.5 CURING AND PROTECTION

3.5.1 Initial Curing

Immediately after finishing, shotcrete shall be kept continuously moist for at least 3 days. One of the following materials or methods shall be used:

- a. Ponding or continuous sprinkling.
- b. Absorptive mat or fabric, sand, or other covering kept continuously wet.
- c. Curing Compounds. On natural gun or flash finishes, use the coverage application requirement of 100 square feet/gallon or twice the manufacturer's requirement, whichever is less. Curing compounds shall not be used on any surfaces against which additional shotcrete or other cementitious finishing materials are to be bonded unless positive measures, such as sandblasting, are taken to completely remove curing compounds prior to the application of such additional materials.

3.5.2 Final Curing

Additional curing shall be provided immediately following the initial curing and before the shotcrete has dried. One of the following materials or methods shall be used:

- a. Continue the method used in initial curing.
- b. Application of impervious sheet material conforming to ASTM C171.

3.5.3 Formed Surface

If forms are to be removed during curing period, one of the curing materials or methods listed in paragraph INITIAL CURING shall be used immediately. Such curing shall be continued for the remainder of the curing period.

3.5.4 Duration of Curing

Curing shall be continued for the first 7 days after shotcreting or until

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the specified compressive strength of the in-place shotcrete as determined by specimens obtained and tested in accordance with ASTM C42/C42M is achieved.

3.5.5 Temperature Considerations

The air temperature in contact with the shotcrete shall be continuously maintained at a temperature above 40 degrees F for at least 3 days after placement. No shotcrete shall be applied when the concrete surface or air in contact with the concrete surface is below 40 degrees F.

3.6 TESTS

3.6.1 Strength Testing

Test specimens shall be initially cured onsite, then shall be transported in an approved manner to an approved testing laboratory meeting the requirements of ASTM C1077 within 48 hours of scheduled testing time.

3.6.1.1 Test Cores

Test cores shall be drilled from the structure at least 40 hours prior to testing and tested in accordance with ASTM C1140/C1140M. A set of three cores shall be taken not less than once each shift that shotcrete is placed nor less than once for each 50 cubic yards of shotcrete placed through the nozzle. The diameter of core specimens shall be determined in accordance with ASTM C42/C42M.

3.6.2 Aggregate Moisture

Prior to batching the shotcrete and at least once during a shift in which shotcrete is being batched, the coarse and fine aggregate moisture content shall be determined in accordance with ASTM C566. The batch weights of both the aggregates and mixing water shall be appropriately adjusted to account for the available free moisture in the aggregates. The amount of free moisture in the aggregates, expressed as pounds of water per cubic yard, shall be recorded on the batching ticket and delivered to the Contracting Officer prior to placement during the shift. The Contracting Officer will have the option to request additional aggregate moisture content tests for each of the required tests.

3.6.3 Grading

The grading of the coarse and fine aggregate shall be determined in accordance with ASTM C136. The fine and coarse aggregate grading shall be determined prior to batching the shotcrete and at least once during a shift in which shotcrete is being batched. The Contracting Officer will have the option to require one additional sieve analysis test for aggregate type.

3.6.4 Thickness

The minimum shotcrete thickness shall be as shown in the drawings. The unhardened shotcrete shall be checked for thickness using a probe by the nozzleman or laborer at the time of placement. These thickness checks shall be at 15-minute intervals and all low or thin areas shall be corrected by applying additional shotcrete.

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3.6.5 Mixture Proportions

Record and check mixture proportions at least once per shift for weigh batching. Record and check mixture proportions as recommended by ASTM C685/C685M at least once per shift for volumetric batching and continuous mixing plants.

3.6.6 Preparations

Prior to each placement of shotcrete, the Contractor's inspector shall certify in writing or by an approved checkout form that cleanup and preparations are in accordance with the plans and specifications.

3.6.7 Air Content

Air content tests shall be conducted on wet-mix shotcrete according to ASTM C231/C231M with a frequency of not less than once each shift nor less than once for each 50 cubic yards of shotcrete placed through the nozzle. Tests shall be conducted on samples taken as the wet shotcrete mixture is placed in the delivery equipment.

-- End of Section --

SECTION 03 60 00

GROUTING
11/07

PART 1 GENERAL

1.1 REFERENCES

The publications listed below form a part of this specification to the extent referenced. The publications are referred to within the text by the basic designation only.

ASTM INTERNATIONAL (ASTM)

ASTM C 143/C 143M	(2010) Standard Test Method for Slump of Hydraulic Cement Concrete
ASTM C 404	(2007) Standard Specification for Aggregate for Masonry Grout
ASTM C 595	(2010) Standard Specification for Blended Hydraulic Cement
ASTM C 618	(2008a) Standard Specification for Coal Fly Ash and Raw or Calcined Natural Pozzolan for Use as a Mineral Admixture in Concrete
ASTM C 1157	(2010) Standard Performance for Hydraulic Cement
ASTM C 1019	(2009) Standard Test Method for Sampling and Testing Grout
ASTM C 150	(2009) Standard Specification for Portland Cement
ASTM C 476	(2009) Standard Specification for Grout for Masonry
ASTM C 494/C 494M	(2010) Standard Specification for Chemical Admixtures for Concrete
ASTM C 94/C 94M Concrete	(2007) Standard Specification for Ready-Mixed Concrete

NATIONAL CONCRETE MASONRY ASSOCIATION (NCMA)

1.2 SUBMITTALS

Government approval is required for submittals with a "G" designation; submittals not having a "G" designation are for information only. When used, a designation following the "G" designation identifies the office that

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will review the submittal for the Government. Submit the following in accordance with Section 01 33 00 SUBMITTAL PROCEDURES:

SD-03 Product Data

Cold Weather Installation

Cold weather construction procedures.

Manufacturer's data sheets on each product to be used; G

Mixing and preparation instructions and recommendations.
Storage and handling requirements and recommendations
Installation methods

SD-06 Test Reports

Cementitious components of the grout mix

Grout

Test reports from an approved independent laboratory. Test reports on a previously tested material shall be certified as the same as that proposed for use in this project.

SD-07 Certificates

Admixtures for Grout

Certificates of compliance stating that the materials meet the specified requirements.

1.3 DELIVERY, HANDLING, AND STORAGE

Materials shall be delivered, handled, stored, and protected to avoid compromising packages and contact with soil or contaminating material.

1.3.1 Cementitious Materials, Sand and Aggregates

Cementitious and other packaged materials shall be delivered in sealed, unopened containers, plainly marked and labeled with manufacturers' names and brands. Cementitious material shall be stored in dry, weathertight enclosures or be completely covered. Cement shall be handled in a manner that will prevent the inclusion of foreign materials and damage by water or dampness. Sand and aggregates shall be stored in a manner to prevent contamination or segregation.

1.4 QUALITY ASSURANCE

1.4.1 Spare Vibrator

Maintain at least one spare vibrator on site at all times.

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PART 2 PRODUCTS

2.1 GROUT AND READY-MIXED GROUT

Grout shall conform to ASTM C 476, fine. Cement used in grout shall have a low alkali content. Grout slump shall be between 8 and 11 inches as measured by ASTM C 143. Minimum grout strength shall be 3000 psi in 28 days, as tested by ASTM C 1019. Grout shall be used subject to the limitations of Table III. Proportions shall not be changed and materials with different physical or chemical characteristics shall not be used in grout for the work unless additional evidence is furnished that the grout meets the specified requirements. Ready-Mixed grout shall conform to ASTM C 94/C 94M.

2.1.1 Admixtures for Grout

In cold weather, a non-chloride based accelerating admixture may be used subject to approval; accelerating admixture shall be non-corrosive, shall contain less than 0.2 percent chlorides, and shall conform to ASTM C 494/C 494M, Type C. In general, air-entrainment, anti-freeze or chloride admixtures shall not be used except as approved by the Contracting Officer.

2.1.2 Grout Mix

Factory blended hydraulic cement based product containing aggregate and portland cement, blended cement, or a mixture of portland cement and fly ash proportioned to produce grout complying with ASTM C 476 for the specified type of grout; packaged course and fine fill grout.

1. Portland Cement or Blended Cement: ASTM C 150 Types I, IA, II, IIA, III or IIIA.
2. Portland Cement or Blended Cement: ASTM C 595 Types IS, IS(MS), IS-A, IS-A(MS), IP, or IP-A.
3. Portland Cement or Blended Cement: ASTM C 1157 Types GU, HE, MS, or HS.
4. Fly Ash: ASTM C 618.
5. Aggregate: ASTM C 404.
6. Coarse Grout: Adjust aggregate proportions to provide evenly graded mix which will be easily pumped, with coarse aggregate content no greater than maximum specified in the proportion specifications of ASTM C 476.

2.1.3 Water

Clean and free from deleterious acids, alkalies, and organic matter.

2.2 MIXING

Mixing Procedure: Add factory pre-blended dry materials to water in mortar mixer and mix for at least 5 minutes.

Retempering: Do not retemper grout; discard grout that cannot be easily pumped or poured.

Cold Weather: Follow National Concrete Masonry Association

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recommendations for cold weather construction.

PART 3 EXECUTION

3.1 PREPARATION

Prior to start of work, verify the applicable conditions as set forth in ACI 530.1, inspection. The Contracting Officer will serve as inspector.

3.2 REBAR

See Section 03 20 01.00 10 Concrete Reinforcement for requirements.

3.3 PLACING GROUT

Bollards containing rebar shall be filled with grout. Grout not in place within 1-1/2 hours after water is first added to the batch shall be discarded. Sufficient grout shall be provided to grout each bollard to the height shown on the drawings without cold joints.

3.3.1 Grouting Equipment

3.3.1.1 Grout Pumps

Pumping through aluminum tubes will not be permitted. Pumps shall be operated to produce a continuous stream of grout without air pockets, segregation, or contamination. Upon completion of each day's pumping, waste materials and debris shall be removed from the equipment, and disposed of.

3.3.1.2 Vibrators

Internal vibrators shall maintain a speed of not less than 5,000 impulses per minute when submerged in the grout. At least one spare vibrator shall be maintained at the site at all times. Duration of vibration shall be limited to time necessary to produce satisfactory consolidation without causing segregation.

3.3.2 Grout Placement

Grout shall be placed using a grout pump to completely fill the grout space without segregation of the aggregates. Vibrators shall not be inserted into lower pours that are in a semi-solidified state.

3.4 WASTE MANAGEMENT

Manage waste according to the Waste Management Plan and as follows. Minimize water used to wash mixing equipment. Use trigger operated spray nozzles for water hoses.

3.4.1 Separate and Recycle Waste

Place materials defined as hazardous or toxic waste in designated containers. Fold up metal banding, flatten, and place in designated area for recycling. Collect wood packing shims and pallets and place in designated area. Use leftover mixed mortar as directed where lower strength

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mortar meets the requirements for bulk fill. Separate masonry waste and place in designated area for use as structural fill. Separate selected masonry waste and excess for landscape uses, either whole or crushed as ground cover.

3.5 TEST REPORTS

3.5.1 Field Testing of Grout

Field sampling and testing of grout shall be in accordance with the applicable provisions of ASTM C 1019. A minimum of three specimens of grout per day shall be sampled and tested. Each specimen shall have a minimum ultimate compressive strength of 4000 psi at 28 days.

--End of Section--

Soil Cement

10/12

PART 1 GENERAL

1.1 Soil Cement

The work consists of furnishing, placing, compacting, and curing a mixture of soil material, Portland cement, and water. The mixture shall be uniformly mixed, blended, compacted, finished, and cured as specified. It shall conform to the lines, grades, thicknesses, and cross section(s) shown on the drawings.

1.2 REFERENCES

The publications listed below form a part of this specification to the extent referenced. The publications are referred to within the text by the basic designation only.

ASTM INTERNATIONAL (ASTM)

ASTM D 559	Standard Test Methods for Wetting and Drying Compacted Soil-Cement Mixtures
ASTM D 560	Standard Test Methods for Freezing and Thawing Compacted Soil-Cement Mixtures
ASTM D 1632	Standard Practice for Making and Curing Soil-Cement Compression and Flexure Test Specimens in the Laboratory
ASTM D 1633	Standard Test Method for Compressive Strength of Molded Soil-Cement Cylinders
ASTM D 558	Standard Test Methods for Moisture-Density (Unit Weight) Relations of Soil-Cement Mixtures
ASTM C 94	Standard Specification for Ready-Mixed Concrete
ASTM C 618	Standard Specification for Coal Fly Ash and Raw or Calcined Natural Pozzolan for Use in Concrete
ASTM C 309	Standard Specification for Liquid Membrane-Forming Compounds for Curing Concrete

1.3 Material

Soil material shall be obtained from the required excavations or designated borrow locations and shall meet the requirements outlined in this section.

Deleterious material, such as sod, brush, or roots, shall be separated from soil material during the selection, blending, and routing operations. Rock particles larger than 2 inches in any dimension shall be removed before mixing.

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Soil material, cement content, and moisture content other than those specified may be used as approved by the engineer. Proposed alternatives must meet one of the following requirements to be considered:

- a. If the soil material to be used has gradation and Atterberg limits similar to the soils specified, the same cement content and water content shall be used. The contractor shall provide gradation and Atterberg limit test data from a qualified soil testing laboratory verifying gradation and Atterberg limits.
- b. If the soil material does not have gradation and Atterberg limits similar to the soils specified, the contractor shall provide soil-cement, moisture-density relations data, Atterberg limits, gradation tests, and either durability or strength tests as specified in paragraph 1.13 from a qualified soil testing laboratory. The soil-cement mix ratio and water content shall also be provided by the laboratory. If durability is selected, the following durability tests shall be provided: ASTM D 559 and ASTM D 560. If strength is selected, use ASTM D 1632 for cylinder preparation and curing and provide ASTM D 1633 test results. The moisture-density relations are to be in accordance with ASTM D 558. The tests must indicate a soil-cement of a quality equal to or exceeding the quality specified.

Portland cement shall conform to the requirements of 03 30 00.00 10 Cast in Place Concrete, for the specified type. Mixing of different brands or types of cement is not permitted.

Portland cement shall be furnished in bags, barrels, or bulk. Bagged cement that is stored at the job site shall be used in the same order as the deliveries arrived on the site. Each shipment of bagged cement shall be handled and stored so that it may be readily distinguished from other shipments. Emptied cement bags shall be disposed of by the contractor at offsite locations selected by the contractor. Burning of emptied cement bags is permitted if identified on the burning permit as an allowable activity.

Water used in mixing or curing soil-cement shall be clean and free from injurious amounts of oil, acid, alkali, organic matter, or other deleterious substances, and shall meet the requirements for water as specified in ASTM C 94.

Pozzolanic material, when used, shall comply with the requirements of ASTM C 618 Class C or F, Specifications for Fly Ash, and Raw or Calcined Natural Pozzolan.

Curing compounds, when used, shall conform to the requirements set forth in 03 30 00.00 10 Cast in Place Concrete. Application of the curing compound shall be in accordance with paragraph 1.12 of this specification and the manufacturer's recommendations.

1.4 Operations Of Pits Or Stockpiles Of Soil Material

All work required in the opening and operation of borrow areas or

stockpiles shall be performed by the contractor. The borrow areas or stockpiles shall be opened in a manner to expose a near vertical face of the soil material for a suitable working depth. Exposed cut faces shall not exceed 5 feet in height without benching back if it poses a threat to construction personnel or others. The contractor shall conform to OSHA Construction Industry Standards (29 CFR Part 1926) Subpart P, Excavations, Trenching, and Shoring, during all excavation operations.

Material shall be excavated in successive vertical cuts extending across the pit or stockpile. When approved by the engineer, successive horizontal cuts on a horizontal oriented working face may be permitted in homogeneous soils. All pockets or strata of unsuitable material not meeting the quality requirements specified in paragraph 1.3 Material, shall be wasted. The method of operating the pit or stockpile and the blending of material shall be adjusted as necessary to obtain material conforming to the specifications. Upon completion of the work, the pits shall be graded and dressed to minimize erosion and to provide free drainage.

1.5 Foundation Preparation

Before soil-cement processing commences, the subgrade placement area shall be graded, shaped, and compacted in conformance with the lines and grades shown on the drawings. The subgrade shall firmly support the construction equipment. Immediately before placement of the soil-cement, the compacted subgrade surface shall be moistened to approximately the same moisture content as specified for the soil-cement, and shall be kept moist until the soil-cement is placed.

1.6 Design Of Soil-Cement Mixture

The materials and proportions of the soil-cement mixture shall constitute the job-mix. After a job-mix has been approved, the source, character, or grading of the soil and the type, brand, or quantity of cement or pozzolanic material shall not be changed without prior approval of the engineer. A change in material or proportions requires the establishment of a new job-mix supported by evidence, as required for the initial job-mix, that the proposed new material and mix proportions will produce soil-cement of the strength specified.

The use of calcium chloride or other accelerants or antifreeze compounds is not permitted unless approved by the engineer.

Method 1-The contractor shall determine the mix proportions and submit the job-mix design along with the supporting test results to the engineer for approval before incorporating any of the material into the work. The brand of cement and the location of the soil material source shall be included with the job-mix design data. The mix design shall be such that the soil-cement meets or exceeds the minimum compressive strength specified. A new mix design shall be submitted for approval any time the contractor requests a change in material or a proportioning of material from that given in the approved mix design. In no case will the engineer's review and approval of a mix design relieve the contractor of responsibility to provide soil-cement meeting the contract specifications.

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A maximum of 15 percent of the total weight of cement may be replaced with fly ash at a rate of 1.2 pounds of fly ash per pound of cement replaced.

Method 2—The contractor shall furnish the soil, fly ash, cement, and moisture content as specified in paragraph 1.13 of this specification. During the course of the work, the engineer may adjust the job-mix proportions as needed to achieve the specified compressive strength.

All methods—The percent of cement to be used in the mix is determined by dividing the weight of cement by the oven-dry weight of the soil material.

1.6 Mixing

The mixing plant shall produce a mixture of soil, cement, and water that is uniform in color and at the required moisture and cement content throughout. The plant shall be equipped with measurement devices that proportion the mix in the specified quantities. Before all measurement devices are used, they shall be calibrated and certified by a qualified technician approved by the engineer. The actual quantities of the mix shall not vary more than 2 percent from the approved job-mix quantities unless otherwise approved. The moisture content shall be the percent- age of moisture in the mixture at the time of compaction.

The engineer shall have full and free access to the mixing plant at all times for inspection of the plant's operation and for sampling the soil-cement mixture and its components.

Method 1—Mixing of the soil, cement (including fly ash), and water shall be accomplished in a stationary mixing plant. The plant may be either a batch type or a continuous flow type design. The plant may use either weight or volume proportioning. The scale or metering devices shall be sensitive to 1 percent of the maximum load that may be required or imposed. The mixer shall be a pugmill, revolving-blade, or rotary-drum system.

Facilities for efficiently storing, handling, and proportioning unmixed materials shall be provided at the plant.

Method 2—Mixing of the soil, cement (including fly ash), and water shall be accomplished in a truck mixer. The mixer shall meet the requirements for truck mixers contained in ASTM C 94.

Method 3—Mixing of the soil-cement shall be accomplished in place. Mixing of the soil, cement (including fly ash), and water shall be accomplished by a single or multiple transverse shaft mixer, a traveling pugmill, or similar equipment approved by the engineer. A motor grader or similar equipment is not acceptable in lieu of the mixing equipment specified.

Soil material to be mixed in place shall be formed into windrows or divided into known grid areas. If windrows are used, they shall be prepared to a known size with a sizing device. The tops of the windrows

shall be flattened or slightly trenched to receive the cement.

The cement quantity necessary to meet the specified cement-to-soil ratio shall be distributed uniformly on the windrowed soil or over the prepared grid areas. After spreading, cement that has been displaced or is found to be less than that specified shall be properly adjusted or replaced before starting mixing operations.

The mixing operation shall be accomplished so that no unmixed seams of soil are between layers. Excessive streaking of the soil cement below the layer being mixed is not allowed.

All methods—The following provisions apply to all methods of mixing. The mixing time shall be controlled so that all ingredients are mixed as long as necessary to ensure a thorough, uniform, homogeneous mixture of soil, cement, pozzolanic material (if used), and water. Mixing time shall be adjusted based on tests and field determinations. Mixing time is considered as the interval between the time the cement contacts the soil and water and the time the mixture leaves the mixing unit or when the mixer speed is reduced to the agitating speed. The soil and cement shall be mixed sufficiently to prevent cement balls from forming before the water is added. The water may be applied through the mixing machine or separately by approved pressure distributing equipment.

Soil that has plastic silt or clay lumps larger than 1 inch shall be pulverized or screened out of the raw soil before mixing.

1.7 Transporting

The soil-cement mixture shall be transported from the mixing plant to the site of placement in vehicles having tight, clean, smooth beds or mixer trucks. Haul time shall not exceed 30 minutes.

The contractor shall protect the soil-cement mixture if transported during unfavorable weather. Any material excessively wet by precipitation is subject to rejection.

Equipment shall not be operated on a finished and compacted layer of soil-cement except where specifically permitted. Any damage resulting to the finished surface of the soil-cement from such an operation shall be repaired by the contractor at no cost to the owner.

Earth ramps crossing over completed soil-cement must have a minimum compacted thickness of 2 feet. Where ramps are constructed over soil-cement that is not to finished grade, all foreign material and the uppermost inch of the top layer of soil-cement must be removed before the soil-cement installation is continued.

1.8 Placement

Soil-cement shall not be placed until the required excavations and preparation of the foundation are completed and the foundation has been inspected and approved by the engineer.

Equipment for spreading the soil-cement mixture shall be suitable for the purpose and shall be operated to produce a reasonably smooth, uniform

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surface. The equipment shall be controllable so as to produce uniform layers not more than the specified maximum thickness. The layer of soil-cement, or each successive lift when layering is required, shall be spread and compacted as soon as possible after the preceding layer is completed and approved. Soil-cement shall be placed in horizontal layers or layers conforming to the plane of the subgrade.

When the time between completion of compaction on a layer and start of placement of the next layer is more than 2 hours, the contractor shall scarify the surface to a depth of 1 inch at a maximum spacing of 12 inches unless specified otherwise in paragraph 1.13 or approved by the engineer. The contractor shall clean off the scarified surface thoroughly by power brooming or other approved methods before proceeding. The entire broomed surface shall then be thoroughly moistened before the next layer of soil-cement is placed.

Soil-cement placement operations may commence when the air temperature is not less 40 degrees Fahrenheit and a rising temperature is expected for the work period. Soil-cement shall not be placed on a frozen foundation or if the soil to be processed is frozen or if weather conditions are such that the material being processed cannot be completely compacted and protected before the onset of damaging weather (overnight lows below 40 degrees Fahrenheit, cold fronts, and rainstorms). The use of accelerators or antifreeze compounds is not allowed unless otherwise specified. The temperature of fresh soil-cement shall not be allowed to drop below 32 degrees Fahrenheit for 7 days after placement. If temperatures are expected to be below 45 degrees Fahrenheit, the contractor's method for protection shall be approved by the engineer before placement of any soil-cement.

When the mean air temperature does not exceed 90 degrees Fahrenheit, the moisture content at the time of compaction shall be within the range specified. When the mean air temperature exceeds 90 degrees Fahrenheit or conditions promoting rapid drying of the soil-cement mixture exist, the moisture content of the mixture may be increased up to 2 percentage points above optimum unless otherwise specified. Any increase in moisture content shall be less than the quantity that causes the soil cement to become unstable during the compaction and finishing operations.

1.9 Compaction

Equipment-Compaction equipment used shall be capable of uniformly compacting the soil-cement mixture to the specified density. It shall not have tamping feet or projections that penetrate to previously compacted layers. Compaction with only the wheels of the hauling equipment is not an acceptable method of compaction.

Compaction requirements-Soil-cement shall be uniformly compacted to a density not less than the minimum density specified. Optimum moisture and maximum density shall be determined by ASTM D 558. Natural Resources Conservation Service Test No. S-6 (USBR Test E-25), Rapid Compaction Control Method as referenced in NEH-19, may be used as equivalent to ASTM D 558.

Compaction shall start as soon as possible after spreading. Elapsed time between the addition of water to the soil-cement mixture and the start

of compaction shall not exceed 60 minutes. The elapsed time between addition of water to the soil-cement mixture and completion of compaction shall not exceed 90 minutes.

Other requirements—If the surface of a layer of soil-cement has been rutted or compacted unduly by hauling or other equipment, the contractor shall scarify and re-compact such surfaces within 2 hours of the addition of water to the cement. When required to maintain uniformity of the layer surface, blading in connection with compaction operations shall be employed. If blading is required, raw unmixed soil shall not be bladed onto the mixed soil-cement. When more than 2 hours has occurred from the time water was added to the cement, the damaged soil-cement shall be removed in a manner and to the extent approved by the engineer.

1.10 Construction Joints

At the end of each workday, or when the adjacent placing operation is terminated for more than 2 hours, a vertical construction joint shall be made along all unfinished edges of the thoroughly compacted soil-cement. Just before placing operations are resumed, the construction joint shall be shaved to remove all dry soil-cement and all curing compound from the joint face.

1.11 Removal and Replacement

The soil-cement installation shall be considered defective and shall be removed and replaced in accordance with these specifications when any one of the following conditions occur:

- a. Compaction operations are interrupted for any reason before the completion of compaction and the soil-cement mixture is left undisturbed for more than 30 minutes.
- b. The soil-cement mixture becomes excessively wet before completion of compaction so that the moisture content exceeds the specified limits.
- c. The compacted soil-cement does not meet the density and moisture requirements except that when the moisture is lower than required, the soil-cement mixture may be reworked, thoroughly mixed, and compacted within the time limits stated in paragraph 1.8, Compaction requirements.
 - The finished surface is rough or below grade such that a thin "scab" section would be required to smooth the surface or bring the surface to grade.

1.12 Protecting And Curing

1.12.1 Moistening bonding surface

Compacted surface of soil-cement that is to receive an overlay of soil-cement or concrete shall be kept moist until placement of the overlay or adjacent layer of soil-cement or concrete. The contractor is not required to keep such surfaces moistened for longer than 7 days unless the overlay of soil-cement or concrete is not accomplished within 7 days as a result of the contractor's

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operations.

1.12.2 Curing Finished Exposed Surface

Method 1—Concrete curing compound conforming to ASTM C 309 of the type specified shall be applied at a rate of not less than 1 gallon per 150 square feet of surface using constantly agitating, pressure spray equipment. This compound shall form a uniform, continuous, adherent film that does not check, crack, or peel.

The surface of each section of soil-cement to be treated with curing compound shall be moistened with a light spray of water immediately after the section has been compacted. As soon as the surface film of moisture disappears, but while the surface still has a damp appearance, the curing compound shall be applied. Special care shall be implemented to ensure ample coverage with the compound at edges, corners, and around rough spots. After application of the curing compound has been completed and the coating is dry to the touch, any required repair of the soil-cement surface shall be performed. To ensure a clean bonding surface, all curing compound or other foreign substances shall be removed from the area before additional soil-cement is applied. Each repair, after being finished, shall be moistened and coated with curing compound in accordance with the foregoing requirements.

Method 2—Curing moisture shall be maintained by sprinkling, flooding, fog spraying, or covering with continuously moistened canvas, cloth mats, straw, sand, or other approved material. Water or covering, or both, shall be applied so that the soil-cement surface is not eroded or otherwise damaged.

Method 3—Waterproof paper or plastic sheeting shall be used to completely cover the soil-cement and prevent moisture loss. Adjoining sheeting shall be overlapped at least 1 foot and weighted or taped to prevent moisture loss at joints. Sheeting shall be anchored sufficiently to prevent displacement by the wind.

All methods—The curing process shall be maintained for 7 days. Any curing compound that is removed from the surface or damaged within 7 days after application shall be repaired immediately. The contractor shall have all equipment and material required for curing at the site ready for use before starting soil-cement placement activities.

1.13 Inspection and Testing

During the course of the work, the engineer will perform quality assurance tests as required to identify materials and determine compaction characteristics, moisture content, and density of soil-cement in place. Tests performed by the engineer will be used to verify that the soil-cement placed conforms to contract requirements of the specifications and not as a replacement for the contractor's quality control program.

The contractor shall conduct all required quality control tests in accordance with the approved Contractor Quality Control Plan to assure that work performed meets contract requirements.

-- End of Section --

SECTION 05 05 23

WELDING, STRUCTURAL
11/08

PART 1 GENERAL

1.1 REFERENCES

The publications listed below form a part of this specification to the extent referenced. The publications are referred to within the text by the basic designation only.

AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC)

AISC 360 (2005) Specification for Structural Steel Buildings, with Commentary

AMERICAN SOCIETY FOR NONDESTRUCTIVE TESTING (ASNT)

ASNT RP SNT-TC-1A (2006) Recommended Practice

AMERICAN WELDING SOCIETY (AWS)

AWS A2.4 (2007) Standard Symbols for Welding, Brazing and Nondestructive Examination

AWS A3.0 (2001; Errata 2001) Standard Welding Terms and Definitions Including Terms for Adhesive Bonding, Brazing, Soldering, Thermal Cutting and Thermal Spraying

AWS D1.1/D1.1M (2008; Errata 2009) Structural Welding Code - Steel

AWS D1.3/D1.3M (2008; Errata 2008) Structural Welding Code - Sheet Steel

AWS D1.4/D1.4M (2005; Errata 2005) Structural Welding Code - Reinforcing Steel

AWS D14.1/D14.1M (2005) Welding Industrial and Mill Cranes and Other Material Handling Equipment

AWS D14.4/D14.4M (2005) Welded Joints for Machinery and Equipment

AWS Z49.1 (2005) Safety in Welding, Cutting and Allied Processes

ASTM INTERNATIONAL (ASTM)

ASTM E 165 (2009) Standard Test Method for Liquid Penetrant Examination

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ASTM E 709

(2008) Standard Guide for Magnetic Particle Examination

1.2 DEFINITIONS

Definitions of welding terms are in accordance with AWS A3.0. The following classifications Class 1 (highest class) to Class 6 (lowest class) indicate the project's class(es) of weld joints.

1.2.1 Class 1 Weld Joints

This covers complete penetration weld joints only. These weld joints apply where failure would cause a loss of the system and/or be hazardous to personnel. Class 1 weld joints are highly stressed (dynamic and cyclic loading) and characterized as a single point of failure with no redundancy for the redistribution of stress into another member.

1.2.2 Class 2 Weld Joints

This covers both complete and partial penetration groove weld joints and fillet weld joints. These weld joints apply where failure would reduce the overall efficiency of a system but loss of the system or a hazard to personnel would not be experienced.

1.2.3 Class 3 Weld Joints

This covers both complete and partial penetration groove weld joints and fillet weld joints. These weld joints apply where failure would not affect the efficiency of a system nor create a hazard to personnel. Class 3 weld joints are connections of secondary members not subject to dynamic action and/or low stressed miscellaneous applications.

1.2.4 Class 4 Weld Joints

This covers weld joints applicable to welding reinforcing steel to primary structural members.

1.2.5 Class 5 Weld Joints

This covers weld joints applicable to welding concrete reinforcing steel splices (prestressing steel excepted), steel connection devices, and inserts and anchors required in concrete construction.

1.2.6 Class 6 Weld Joints

This covers plug and slot weld joints as applicable to the requirements of the project's code(s).

1.3 GENERAL REQUIREMENTS

Conform the design of welded connections to AISC 360, unless otherwise indicated or specified. Material with welds will not be accepted unless the welding is specified or indicated on the drawings or otherwise approved. Perform welding as specified in this section, except where additional requirements are shown on the drawings or are specified in other sections. Do not commence welding until welding procedures, inspectors, nondestructive testing personnel, welders, welding operators, and tackers have been

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qualified and the submittals approved by the Contracting Officer. Perform all testing at or near the work site. Each Contractor performing welding shall maintain records of the test results obtained in welding procedure, welder, welding operator, and tacker performance qualifications.

1.3.1 Pre-erection Conference

Hold a pre-erection conference prior to the start of the field welding, to bring all affected parties together and to gain a naturally clear understanding of the project and the Welding Procedure Specifications (WPS) (which the Contractor shall develop and submit for all welding, including welding done using pre-qualified procedures). Mandatory attendance is required by all Contractor's welding production and inspection personnel and appropriate Government personnel. Include as items for discussion: responsibilities of various parties; welding procedures and processes to be followed; welding sequence (both within a joint and joint sequence within the building); inspection requirements and procedures, both visual and ultrasonic; welding schedule; fabrication of mock-up model; and other items deemed necessary by the attendees.

1.3.2 Mock-up Model

Perform first the field-welded connection designated as the mock-up model on the drawings. All welders qualified and designated to perform field-welded groove joints must be present during the welding of the mock-up model connections and each one shall perform a part of the welding. Simulate with the mock-up test all physical and environmental conditions that will be encountered during the welding of all groove joints. Execute all inspection procedures required for groove welded joints, including NDE tests, on the mock-up model. All Contractor inspection and testing personnel designated to perform QC of groove welded joints must be present during the welding of the mock-up model and each one shall perform the inspection procedures to be performed on production welding of these joints. This mock-up model connection represents the standard of performance, both for the welding and inspection procedures used and the results to be achieved in the production welding for these groove welded joints.

1.4 SUBMITTALS

Government approval is required for submittals with a "G" designation; submittals not having a "G" designation are for information only. When used, a designation following the "G" designation identifies the office that will review the submittal for the Government. Submit the following in accordance with Section 01 33 00 SUBMITTAL PROCEDURES:

SD-03 Product Data

- Welding Procedure Qualifications; G
- Welder, Welding Operator, and Tacker Qualification
- Inspector Qualification
- Previous Qualifications
- Pre-qualified Procedures

Copies of the welding procedure specifications; the procedure qualification test records; and the welder, welding operator, or tacker qualification test records.

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SD-06 Test Reports

Quality Control
Nondestructive Examination

A quality assurance plan and records of tests and inspections. Submit all records of nondestructive examination in accordance with paragraph "Acceptance Requirements".

SD-07 Certificates

Certified Welding Procedure Specifications (WPS)
Certified Brazing Procedure Specifications (BPS)
Certified Procedure Qualification Records (PQR)
Certified Welder Performance Qualifications (WPQ)
Certified Brazer Performance Qualifications (BPQ)

Certificates in accordance with paragraph "Other Applications".

1.5 WELDING PROCEDURE QUALIFICATIONS

Except for pre-qualified (in accordance with AWS D1.1/D1.1M) and previously qualified procedures, each Contractor performing welding shall record in detail and qualify the welding procedure specification for any welding procedure followed in the fabrication of weldments. Conform welding procedure qualification to AWS D1.1/D1.1M and to the specifications in this section. Submit for approval copies of the welding procedure specification and the results of the procedure qualification test for each type of welding which requires procedure qualification. Approval of any procedure, however, does not relieve the Contractor of the sole responsibility for producing a finished structure meeting all the specified requirements. Submit this information on the forms in Annex M of AWS D1.1/D1.1M. Individually identify and clearly reference on the detail drawings and erection drawings all welding procedure specifications, or suitably key them to the contract drawings. In case of conflict between this specification and AWS D1.1/D1.1M, this specification governs.

1.5.1 General Requirements

The organization performing this work must be certified in the following: American Institute of Steel Construction (AISC) Quality Certification Program Category I Conventional Steel Structures.

- a. For Structural Projects, provide documentation of the following:
 - 1) Component Thickness 1/8 inch and greater: Qualification documents (WPS, PQR, and WPQ) in accordance with AWS D1.1/D1.1M.
 - 2) Component Thickness Less than 1/8 inch: Qualification documents (WPS, PQR, and WPQ) in accordance with AWS D1.3.
 - 3) Reinforcing Steel: Qualification documents (WPS, PWR, and WPQ) in accordance with AWS D1.4/D1.4M.
- b. For other applications, provide documentation of the following:

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1) Submit for review to the Contracting Officer two copies of Certified Welding Procedure Specifications (WPS), Certified Brazing Procedure Specifications (BPS) and Certified Procedure Qualification Records (PQR) within fifteen calendar days after receipt of Notice to Proceed.

2) Cranes: Qualification documents (WPS, PQR, and WPQ) in accordance with AWS D14.1/D14.1M.

3) Submit for review to the Contracting Officer two copies of Certified Welder Performance Qualifications (WPQ) and Certified Brazer Performance Qualifications (BPQ) within fifteen calendar days prior to any employee welding on the project material.

4) Machinery: Qualification documents (WPS, PQR, and WPQ) in accordance with AWS D14.4/D14.4M.

1.5.2 Previous Qualifications

Welding procedures previously qualified by test may be accepted for this contract without re-qualification if the following conditions are met:

a. Testing was performed by an approved testing laboratory, technical consultant, or the Contractor's approved quality control organization.

b. The qualified welding procedure conforms to the requirements of this specification and is applicable to welding conditions encountered under this contract.

c. The welder, welding operator, and tacker qualification tests conform to the requirements of this specification and are applicable to welding conditions encountered under this contract.

1.5.3 Pre-qualified Procedures

Welding procedures which are considered pre-qualified as specified in AWS D1.1/D1.1M will be accepted without further qualification. The Contractor shall submit for approval a listing or an annotated drawing to indicate the joints not pre-qualified. Procedure qualification is mandatory for these joints.

1.5.4 Retests

If welding procedure fails to meet the requirements of AWS D1.1/D1.1M, the procedure specification must be revised and re-qualified, or at the Contractor's option, welding procedure may be retested in accordance with AWS D1.1/D1.1M. If the welding procedure is qualified through retesting, all test results, including those of test welds that failed to meet the requirements, must be submitted with the welding procedure.

1.6 WELDER, WELDING OPERATOR, AND TACKER QUALIFICATION

Each welder, welding operator, and tacker assigned to work on this contract must be qualified in accordance with the applicable requirements of AWS D1.1/D1.1M and as specified in this section. Welders, welding operators, and tackers who make acceptable procedure qualification test welds will be considered qualified for the welding procedure used.

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1.6.1 Previous Personnel Qualifications

At the discretion of the Contracting Officer, welders, welding operators, and tackers qualified by test within the previous 6 months may be accepted for this contract without re-qualification if all the following conditions are met:

- a. Copies of the welding procedure specifications, the procedure qualification test records, and the welder, welding operator, and tacker qualification test records are submitted and approved in accordance with the specified requirements for detail drawings.
- b. Testing was performed by an approved testing laboratory, technical consultant, or the Contractor's approved quality control organization.
- c. The previously qualified welding procedure conforms to the requirements of this specification and is applicable to welding conditions encountered under this contract.
- d. The welder, welding operator, and tacker qualification tests conform to the requirements of this specification and are applicable to welding conditions encountered under this contract.

1.6.2 Certificates

Before assigning any welder, welding operator, or tacker to work under this contract, submit the names of the welders, welding operators, and tackers to be employed, and certification that each individual is qualified as specified. The certification must state the type of welding and positions for which the welder, welding operator, or tacker is qualified, the code and procedure under which the individual is qualified, the date qualified, and the name of the firm and person certifying the qualification tests. Keep the certification current, on file, and furnish 3 copies.

1.6.3 Renewal of Qualification

Re-qualification of a welder or welding operator is required under any of the following conditions:

- a. It has been more than 6 months since the welder or welding operator has used the specific welding process for which he is qualified.
- b. There is specific reason to question the welder or welding operator's ability to make welds that meet the requirements of these specifications.
- c. The welder or welding operator was qualified by an employer other than those firms performing work under this contract, and a qualification test has not been taken within the past 12 months. Submit as evidence of conformance all records showing periods of employment, name of employer where welder, or welding operator, was last employed, and the process for which qualified.
- d. A tacker who passes the qualification test is considered eligible to perform tack welding indefinitely in the positions and with the processes for which he is qualified, unless there is some specific

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reason to question the tacker's ability. In such a case, the tacker is required to pass the prescribed tack welding test.

1.7 INSPECTOR QUALIFICATION

Inspector qualifications must be in accordance with AWS D1.1/D1.1M. Qualify all nondestructive testing personnel in accordance with the requirements of ASNT RP SNT-TC-1A for Levels I or II in the applicable nondestructive testing method. The inspector may be supported by assistant welding inspectors who are not qualified to ASNT RP SNT-TC-1A, and assistant inspectors may perform specific inspection functions under the supervision of the qualified inspector.

1.8 SYMBOLS

Symbols must be in accordance with AWS A2.4, unless otherwise indicated.

1.9 SAFETY

Safe welding practices and safety precautions during welding must conform to AWS Z49.1.

PART 2 PRODUCTS

2.1 WELDING EQUIPMENT AND MATERIALS

All welding equipment, electrodes, welding wire, and fluxes must be capable of producing satisfactory welds when used by a qualified welder or welding operator performing qualified welding procedures. All welding equipment and materials shall comply with the applicable requirements of AWS D1.1/D1.1M.

PART 3 EXECUTION

3.1 WELDING OPERATIONS

3.1.1 Requirements

Conform workmanship and techniques for welded construction to the requirements of AWS D1.1/D1.1M and AISC 360. When AWS D1.1/D1.1M and the AISC 360 specification conflict, the requirements of AWS D1.1/D1.1M govern.

3.1.2 Identification

Identify all welds in one of the following ways:

a. Submit written records to indicate the location of welds made by each welder, welding operator, or tacker.

b. Identify all work performed by each welder, welding operator, or tacker with an assigned number, letter, or symbol to identify welds made by that individual. The Contracting Officer may require welders, welding operators, and tackers to apply their symbol next to the weld by means of rubber stamp, felt-tipped marker with waterproof ink, or other methods that do not cause an indentation in the metal. Place the identification mark for seam welds adjacent to the weld at 3 foot intervals. Identification with die stamps or electric etchers is not allowed.

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3.2 QUALITY CONTROL

Perform testing using an approved inspection or testing laboratory or technical consultant; or if approved, the Contractor's inspection and testing personnel may be used instead of the commercial inspection or testing laboratory or technical consultant. Perform visual and ultrasonic or radiographic inspections to determine conformance with paragraph STANDARDS OF ACCEPTANCE. Conform procedures and techniques for inspection with applicable requirements of AWS D1.1/D1.1M, ASTM E 165, ASTM E 709, except that in radiographic inspection only film types designated as "fine grain," or "extra fine," are acceptable.

3.3 STANDARDS OF ACCEPTANCE

Conform dimensional tolerances for welded construction, details of welds, and quality of welds with the applicable requirements of AWS D1.1/D1.1M and the contract drawings. Perform nondestructive testing by visual inspection and magnetic particle testing methods. The minimum extent of nondestructive testing shall be random 5-10 percent of welds or joints or every 500 linear feet of fence fabrication, whichever is greater.

3.3.1 Nondestructive Examination

The welding is subject to inspection and tests in the mill, shop, and field. Inspection and tests in the mill or shop do not relieve the Contractor of the responsibility to furnish weldments of satisfactory quality. When materials or workmanship do not conform to the specification requirements, the Government reserves the right to reject material or workmanship or both at any time before final acceptance of the structure containing the weldment.

3.3.2 Destructive Tests

Make all repairs when metallographic specimens are removed from any part of a structure. Employ only qualified welders or welding operators, and use the proper joints and welding procedures, including peening or heat treatment if required, to develop the full strength of the members and joints cut and to relieve residual stress.

3.4 GOVERNMENT INSPECTION AND TESTING

In addition to the inspection and tests performed by the Contractor for quality control, the Government will perform inspection and testing for acceptance to the extent determined by the Contracting Officer. The costs of such inspection and testing will be borne by the Contractor if unsatisfactory welds are discovered, or by the Government if the welds are satisfactory. The work may be performed by the Government's own forces or under a separate contract for inspection and testing. The Government reserves the right to perform supplemental nondestructive and destructive tests to determine compliance with paragraph STANDARDS OF ACCEPTANCE.

3.5 CORRECTIONS AND REPAIRS

If inspection or testing indicates defects in the weld joints, repair defective welds using a qualified welder or welding operator as applicable. Conduct corrections in accordance with the requirements of AWS D1.1/D1.1M

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and the specifications. Repair all defects in accordance with the approved procedures. Repair defects discovered between passes before additional weld material is deposited. Wherever a defect is removed and repair by welding is not required, blend the affected area into the surrounding surface to eliminate sharp notches, crevices, or corners. After a defect is thought to have been removed, and before re-welding, examine the area by suitable methods to ensure that the defect has been eliminated. Repaired welds shall meet the inspection requirements for the original welds. Any indication of a defect is regarded as a defect, unless re-evaluation by nondestructive methods or by surface conditioning shows that no unacceptable defect is present.

-- End of Section --

SECTION 05 12 00

STRUCTURAL STEEL

PART 1 GENERAL

1.1 REFERENCES

The publications listed below form a part of this specification to the extent referenced. The publications are referred to within the text by the basic designation only.

AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC)

AISC 201-06	(2006) AISC Certification Program for Structural Steel Fabricators
AISC 317	(1992; Reprint 1999) ASD Manual of Steel Construction, Vol II: Connections
AISC 325	(2011) Manual of Steel Construction
AISC 326	(2009) Detailing for Steel Construction
AISC 360	(2010) Specification for Structural Steel Buildings, with Commentary
AISC 201 Structural Steel Fabricators	(2006) AISC Certification Program for Structural Steel Fabricators

AMERICAN WELDING SOCIETY (AWS)

AWS A2.4	(2007) Standard Symbols for Welding, Brazing and Nondestructive Examination
AWS D1.1/D1.1M	(2008; Errata 2009) Structural Welding Code - Steel

ASTM INTERNATIONAL (ASTM)

ASTM A 143/A 143M	(2007) Standard Practice for Safeguarding Against Embrittlement of Hot-Dip Galvanized Structural Steel Products and Procedure for Detecting Embrittlement
ASTM A 153/A 153M	(2009) Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware
ASTM A 307	(2010) Standard Specification for Carbon Steel Bolts and Studs, 60 000 PSI Tensile Strength
ASTM A 325	(2010) Standard Specification for Structural Bolts, Steel, Heat Treated, 120/105 ksi Minimum Tensile Strength

ASTM A 36/A 36M	(2008) Standard Specification for Carbon Structural Steel
ASTM A 490	(2010) Standard Specification for Structural Bolts, Alloy Steel, Heat Treated, 150 ksi Minimum Tensile Strength
ASTM A 500	(2010) Standard Specification for Cold-Formed Welded and Seamless Carbon Steel Structural Tubing in Rounds and Shapes
ASTM A 53/A 53M	(2010) Standard Specification for Pipe, Steel, Black and Hot-Dipped, Zinc-Coated, Welded and Seamless
ASTM A 563	(2007a) Standard Specification for Carbon and Alloy Steel Nuts
ASTM A 780	(2009) Standard Practice for Repair of Damaged and Uncoated Areas of Hot-Dip Galvanized Coatings
ASTM A 992/A 992M	(2011) Standard Specification for Structural Steel Shapes
ASTM F 844	(2007a) Washers, Steel, Plain (Flat), Unhardened for General Use
ASTM F2453	Standard Specification for Welded Wire mesh Fence Fabric (Metallic-Coated or Polymer Coated) for Meshes of 6 in. ² or Less, in Panels or Rolls, with Uniform Meshes

THE SOCIETY FOR PROTECTIVE COATINGS (SSPC)

SSPC SP 6	(2007) Commercial Blast Cleaning
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1.2 SYSTEM DESCRIPTION

Provide the structural steel for fencing system and any required shop primed or galvanized steel, complete and ready for use. Structural steel works shall include specified design, materials, installation, workmanship, fabrication, assembly, inspection, quality control, and testing in accordance with AISC 316 and AISC 317 except as modified in this contract.

1.3 SUBMITTALS

Government approval is required for submittals with a "G" designation; submittals not having a "G" designation are for information only. When used, a designation following the "G" designation identifies the office that will review the submittal for the Government. Submit the following in accordance with Section 01 33 00 SUBMITTAL PROCEDURES:

SD-02 Shop Drawings

Erection Plan, including description of temporary supports; G

Fabrication drawings including description of connections; G

SD-03 Product Data

Welding electrodes and rods

SD-06 Test Reports

Bolts, nuts, and washers

Supply the certified manufacturer's mill reports which clearly show the applicable ASTM mechanical and chemical requirements together with the actual test results for the supplied fasteners.

SD-07 Certificates

Steel

Bolts, nuts, and washers

Galvanizing

Welding procedures and qualifications

1.4 AISC QUALITY CERTIFICATION

Not Applicable.

1.5 SEISMIC PROVISIONS

Not Applicable.

1.6 QUALITY ASSURANCE

1.6.1 Fabrication and Erection Quality Control Procedures

Quality control procedures for the fabrication and erection of all fence panels and components shall be included in the Contractor quality control plan. Quality control procedures shall be reviewed and approved by Contracting Officer's Representative (COR) prior to start of fabrication.

1.6.2 Shop Drawing Requirements

As applicable, submit fabrication drawings for approval prior to fabrication. Prepare in accordance with AISC 325, AISC 326, and AISC 317. Fabrication drawings shall not be reproductions of contract drawings. Include complete information for the fabrication and erection of the structure's components, including the location, type, and size of bolts, welds, member sizes and lengths, connection details, blocks, copes, and cuts. Use AWS A2.4 standard welding symbols. Shoring and temporary bracing shall be designed and sealed by a registered professional engineer and submitted for record purposes, with calculations, as part of the drawings. Member substitutions of details shown on the contract drawings shall be clearly highlighted on the fabrication drawings. Explain the reasons for any deviations from the contract drawings.

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Provide connection, forming and stiffening details for Structural Steel. Avoid ledges, crevices and pockets that hold water, water-laden debris or condensation.

1.6.2 Certifications

1.6.2.1 Erection Plan

Submit for record purposes. Indicate the sequence of erection, temporary shoring and bracing, and a detailed sequence of welding, including each welding procedure required.

1.6.2.2 Welding Procedures and Qualifications

Prior to welding, submit certification for each welder stating the type of welding and positions qualified for, the code and procedure qualified under, date qualified, and the firm and individual certifying the qualification tests. If the qualification date of the welding operator is more than one-year old, the welding operator's qualification certificate shall be accompanied by a current certificate by the welder attesting to the fact that he has been engaged in welding since the date of certification, with no break in welding service greater than 6 months.

Conform to all requirements specified in AWS D1.1/D1.1M.

PART 2 PRODUCTS

2.1 STEEL

2.1.1 HSS Bollards

ASTM A500 Grade B, Structural Steel, rectangular, tabular steel, sizes as shown on drawings.

2.1.3 HSS Rails

ASTM A500 Grade B, Structural Steel, Rectangular, tabular steel, HSS, sizes as shown on the drawings.

2.1.4 WF Columns, Beams, and Rail

ASTM A992 Grade 50, Structural Steel, Structural wide flange sizes as shown on the drawings.

2.1.5 HSS Post and Beam

ASTM A500 Grade B, Structural Steel, Structural posts and beams, HSS, sizes as shown on the drawings.

2.1.6 Plates, Bars and Angles

ASTM A36, Structural Steel, Structural sizes as shown on the drawings.

2.1.7 Sheet

ASTM A1011, Grade 36, Steel, Sheet and Strip, Carbon, Hot-Rolled for Sheathing and Miscellaneous Brackets.

2.2 BOLTS, NUTS, AND WASHERS

Provide the following unless indicated otherwise.

2.2.1 Structural Steel

2.2.1.1 Bolts

ASTM A 325, Type 1. The bolt heads and the nuts of the supplied fasteners must be marked with the manufacturer's identification mark, the strength grade and type specified by ASTM specifications.

2.2.1.2 Nuts

ASTM A 563, Grade and Style for applicable ASTM bolt standard recommended.

2.2.1.3 Washers

ASTM F 844 washers for ASTM A 307, ASTM A 325 and ASTM A 490 bolts.

2.4 STRUCTURAL STEEL ACCESSORIES

2.4.1 Welding Electrodes and Rods

AWS D1.1/D1.1M. Use low-hydrogen electrodes as specified by the American Welding Society for welding Weathering Steel. Suggestions on minimum preheat are contained in the latest revisions of ANSI/AWS "Structural Welding Code" 01.1 and the ANSI/AASHTO/AWS "Bridge Welding Code" 01.5.

When matching strength is required, and color match and corrosion resistance are not important, E70, E80, E90, E100 or E110 low-hydrogen electrodes may be used. These electrodes also work for the underlying passes in multiple-pass welds.

2.5 SHOP PRIMER

Not used.

2.6 GALVANIZING

Connection elements (bolts, connection brackets, etc) shall be galvanized in accordance with ASTM A 153/A 153M.

2.7 FABRICATION

2.7.1 Markings

Prior to erection, members shall be identified by a painted erection mark. Connecting parts assembled in the shop for reaming holes in field connections shall be match marked with scratch and notch marks. Do not locate erection markings on areas to be welded. Do not locate match markings in areas that will decrease member strength or cause stress concentrations.

2.7.2 Cleaning

SSPC SP 6, Maintain steel surfaces free from rust, dirt, oil, grease, and other contaminants through final assembly.

2.8 DRAINAGE HOLES

Adequate drainage holes shall be drilled to eliminate water traps. Hole diameter shall be 1/2 inch and location shall be indicated on the detail drawings. Hole size and location shall not affect the structural integrity.

PART 3 EXECUTION

3.1 FABRICATION

Fabrication shall be in accordance with the applicable provisions of AISC 316.

Splices not indicated require the approval of the Contracting Officer.

3.2 ERECTION

Erection of structural steel shall be in accordance with the applicable provisions of AISC 316 or endorsement F of AISC FCD. Erection plan shall be reviewed, stamped and sealed by a licensed structural engineer.

Provide for drainage in structural steel. After final positioning of steel members, provide full bearing under base plates and bearing plates using nonshrink grout. Place nonshrink grout in accordance with the manufacturer's instructions.

3.2.1 STORAGE

Material shall be stored out of contact with the ground in such manner and location as will minimize deterioration.

3.3 CONNECTIONS

Except as modified in this section, connections not detailed shall be designed in accordance with AISC 360. Build connections into existing work. Do not tighten anchor bolts set in concrete with impact torque wrenches. Punch, subpunch and ream, or drill bolt holes perpendicular to the surface of the member. Holes shall not be cut or enlarged by burning. Bolts, nuts, and washers shall be clean of dirt and rust, and lubricated immediately prior to installation.

3.3.1 Common Grade Bolts

ASTM A 325 bolts shall be tightened to a "snug tight" fit. "Snug tight" is the tightness that exists when plies in a joint are in firm contact. If firm contact of joint plies cannot be obtained with a few impacts of an impact wrench, or the full effort of a man using a spud wrench, contact the Contracting Officer for further instructions.

3.4 GAS CUTTING

Use of gas-cutting torch in the field for correcting fabrication errors will not be permitted on any major member in the structural framing. Use of a gas cutting torch will be permitted on minor members not under stress only after approval has been obtained from the COR.

3.5 WELDING

AWS D1.1, except as follows.

Use only shielded metal arc welding and low hydrogen electrodes for ASTM A 514 steel. Do not stress relieve ASTM A 514 steel by heat treatment.

Conform to suggestions on minimum preheat that are contained in the latest revisions of ANSI/AWS "Structural Welding Code" 01.1 and the ANSI/AASHTO/AWS "Bridge Welding Code" 01.5. When matching strength is required, and color match and corrosion resistance are not important, E70, E80, E90, E100 or E110 low-hydrogen electrodes may be used. These electrodes also work for the underlying passes in multiple-pass welds. However, when color match and corrosion resistance are important, appropriate alloy electrodes must be used for the final two exposed top layers. Welding shall be consistent with AWS recommended procedures including adequate edge preparation and preheating, the selection of proper flux (when applicable) and the use of properly dried, low-hydrogen electrodes and fluxes.

Grind exposed welds smooth as indicated. Provide AWS D1.1 qualified welders, welding operators, and tackers.

The Contractor shall develop and submit the Welding Procedure Specifications (WPS) for all welding, including welding done using prequalified procedures. Prequalified procedures may be submitted for information only; however, procedures that are not prequalified shall be submitted for approval.

3.5.1 Removal of Temporary Welds, Run-Off Plates, and Backing Strips

Remove only from finished areas.

3.6 SHOP PRIMER REPAIR

Not used.

3.7 GALVANIZING REPAIR

Provide as indicated or specified. Galvanize after fabrication where practicable. Repair damage to galvanized coatings using ASTM A 780 zinc rich paint for galvanizing damaged by handling, transporting, cutting, welding, or bolting. Do not heat surfaces to which repair paint has been applied.

3.8 FIELD QUALITY CONTROL

Perform field tests, and provide labor, equipment, and incidentals required for testing. The COR shall be notified in writing of defective welds, bolts, nuts, and washers within 7 working days of the date of weld inspection.

3.8.1 Welds

3.8.1.1 Visual Inspection

AWS D1.1. Furnish the services of AWS-certified welding inspectors for fabrication and erection inspection and testing and verification inspections. Welding inspectors shall visually inspect and mark welds, including fillet weld end returns.

3.8.1.2 Nondestructive Testing

AWS D1.1. Test locations shall be as indicated. If more than 20 percent of welds made by a welder contain defects identified by testing, then all welds made by that welder shall be tested by radiographic or ultrasonic testing, as approved by the COR. When all welds made by an individual welder are required to be tested, magnetic particle testing shall be used. Retest defective areas after repair.

Testing frequency: Provide for 5-10 percent of welds or joints, or every 500 linear feet of fence fabrication, whichever is greater. Testing frequency will be increased if visual inspections reveal that welds are suspect.

Nondestructive testing shall be performed by AWS-certified inspectors only.

3.8.2 Testing for Embrittlement

ASTM A 143 for steel products hot-dip galvanized after fabrication.

-- End of Section -

SECTION 31 00 00

EARTHWORK
08/08

PART 1 GENERAL

1.1 PAYMENT PROCEDURES

Earthwork will not be paid as a separate line item. The contractor shall include earthwork costs in the appropriate line item on the Price Schedule.

Payment will constitute full compensation for all labor, equipment, tools, supplies, and incidentals necessary to complete the work.

1.1.1 Authorized Overhaul

The number of station-yards of overhaul to be paid for will be the product of number of cubic yards of overhaul material measured in the original position, multiplied by the overhaul distance measured in stations of 100 feet.

1.2 CRITERIA FOR BIDDING

Base bids on the following criteria:

- a. Surface elevations are as indicated.
- b. Pipes or other artificial obstructions, except those indicated, will not be encountered.
- c. Ground water elevations indicated by the boring log were those existing at the time subsurface investigations were made and do not necessarily represent ground water elevation at the time of construction.
- d. Material character is indicated by the boring logs.

1.3 REFERENCES

The publications listed below form a part of this specification to the extent referenced. The publications are referred to within the text by the basic designation only.

AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
(AASHTO)

AASHTO T 180 (2010) Standard Method of Test for
Moisture-Density Relations of Soils Using
a 4.54-kg (10-lb) Rammer and a 457-mm
(18-in.) Drop

AASHTO T 224 (2010) Standard Method of Test for
Correction for Coarse Particles in the
Soil Compaction Test

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ASTM INTERNATIONAL (ASTM)

ASTM C136	(2006) Standard Test Method for Sieve Analysis of Fine and Coarse Aggregates
ASTM D 1140	(2000; R 2006) Amount of Material in Soils Finer than the No. 200 (75-micrometer) Sieve
ASTM D 1557	(2009) Standard Test Methods for Laboratory Compaction Characteristics of Soil Using Modified Effort (56,000 ft-lbf/ft ³) (2700 kN-m/m ³)
ASTM D 1883	(2007e2) CBR (California Bearing Ratio) of Laboratory-Compacted Soils
ASTM D 2434	(1968; R 2006) Permeability of Granular Soils (Constant Head)
ASTM D 2487	(2011) Soils for Engineering Purposes (Unified Soil Classification System)
ASTM D 422	(1963; R 2007) Particle-Size Analysis of Soils
ASTM D 4318	(2010) Liquid Limit, Plastic Limit, and Plasticity Index of Soils
ASTM D 6938	(2010) Standard Test Method for In-Place Density and Water Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)
ASTM D 698	(2007e1) Laboratory Compaction Characteristics of Soil Using Standard Effort (12,400 ft-lbf/cu. ft. (600 kN-m/cu. m.))

U.S. ARMY CORPS OF ENGINEERS (USACE)

EM 385-1-1	(2008; Errata 1-2010; Changes 1-3 2010; Changes 4-6 2011) Safety and Health Requirements Manual
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U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA)

EPA 600/4-79/020	(1983) Methods for Chemical Analysis of Water and Wastes
EPA SW-846.3-3	(1999, Third Edition, Update III-A) Test Methods for Evaluating Solid Waste: Physical/Chemical Methods

1.4 DEFINITIONS

1.4.1 Satisfactory Materials

Satisfactory materials comprise any materials classified by ASTM D 2487 as

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GW, GP, GM, GP-GM, GW-GM, GC, GP-GC, GM-GC, SW, SP, SM, SW-SM, SC, SW-SC, SP-SM, SP-SC, CL, ML, CL-ML. Satisfactory materials for grading comprise stones less than 8 inches, except for fill material for pavements and railroads which comprise stones less than 3 inches in any dimension.

1.4.2 Unsatisfactory Materials

Materials which do not comply with the requirements for satisfactory materials are unsatisfactory. Unsatisfactory materials also include man-made fills; trash; refuse; backfills from previous construction; and material classified as satisfactory which contains root and other organic matter or frozen material. Notify the Contracting Officer when encountering any contaminated materials.

1.4.3 Cohesionless and Cohesive Materials

Cohesionless materials include materials classified in ASTM D 2487 as GW, GP, SW, and SP. Cohesive materials include materials classified as GC, SC, ML, CL, MH, and CH. Materials classified as GM and SM will be identified as cohesionless only when the fines are nonplastic. Perform testing, required for classifying materials, in accordance with ASTM D 4318, ASTM C136, ASTM D 422, and ASTM D 1140.

1.4.4 Degree of Compaction

Degree of compaction required, except as noted in the second sentence, is expressed as a percentage of the maximum density obtained by the test procedure presented in ASTM D 1557 abbreviated as a percent of laboratory maximum density. Since ASTM D 1557 applies only to soils that have 30 percent or less by weight of their particles retained on the 3/4 inch sieve, express the degree of compaction for material having more than 30 percent by weight of their particles retained on the 3/4 inch sieve as a percentage of the maximum density in accordance with AASHTO T 180 and corrected with AASHTO T 224. To maintain the same percentage of coarse material, use the "remove and replace" procedure as described in NOTE 8 of Paragraph 7.2 in AASHTO T 180.

1.4.5 Topsoil

Material suitable for topsoils obtained from excavations is defined as: Natural, friable soil representative of productive, well-drained soils in the area, free of subsoil, stumps, rocks larger than one inch diameter, brush, weeds, toxic substances, and other material detrimental to plant growth. Amend topsoil pH range to obtain a pH of 5.5 to 7.

1.4.6 Hard/Unyielding Materials

Hard/Unyielding materials comprise weathered rock, dense consolidated deposits, or conglomerate materials which are not included in the definition of "rock" dimension as defined by the pipe manufacturer. These materials usually require the use of heavy excavation equipment, ripper teeth, or jack hammers for removal.

1.4.7 Rock

Solid homogeneous interlocking crystalline material with firmly cemented, laminated, or foliated masses or conglomerate deposits, neither of which can be removed without systematic drilling and blasting, drilling and the use of expansion jacks or feather wedges, or the use of backhoe-mounted

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pneumatic hole punchers or rock breakers. Removal of hard material will not be considered rock excavation because of intermittent drilling and blasting that is performed merely to increase production.

1.4.8 Unstable Material

Unstable materials are too wet to properly support the utility pipe, conduit, or appurtenant structure.

1.4.9 Select Granular Material

1.4.9.1 General Requirements

Select granular material consist of materials classified as GW, by ASTM D 2487 where indicated. The liquid limit of such material must not exceed 35 percent when tested in accordance with ASTM D 4318. The plasticity index must not be greater than 15 percent when tested in accordance with ASTM D 4318, and not more than 35 percent by weight may be finer than No. 200 sieve when tested in accordance with ASTM D 1140. Provide a minimum coefficient of permeability of 0.002 feet per minute when tested in accordance with ASTM D 2434.

1.4.9.2 California Bearing Ratio Values

Bearing Ratio: At 0.1 inch penetration, provide a bearing ratio of 20 percent at 95 percent ASTM D 1557 maximum density as determined in accordance with ASTM D 1883 for a laboratory soaking period of not less than 4 days. Conform the combined material to the following sieve analysis:

<u>Sieve Size</u>	<u>Percent Passing by Weight</u>
1 inches	100
No. 3/4 inches	80 - 100
No. 3/8 inches	60 - 80
No. 4	40 - 60
No. 8	28 - 48
No. 16	20 - 36
No. 30	14 - 26
No. 50	10 - 22
No. 100	9 - 17
No. 200	8 - 15

1.4.10 Initial Backfill Material

Initial backfill consists of select granular material or satisfactory materials free from rocks 3 inches or larger in any dimension or free from rocks of such size as recommended by the pipe manufacturer, whichever is smaller. When the pipe is coated or wrapped for corrosion protection, free the initial backfill material of stones larger than 3 inches in any dimension or as recommended by the pipe manufacturer, whichever is smaller.

1.4.11 Expansive Soils

Expansive soils are defined as soils that have a plasticity index equal to or greater than 15 when tested in accordance with ASTM D 4318.

1.5 SYSTEM DESCRIPTION

Subsurface soil boring logs are located in the geotechnical report. These

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data represent the best subsurface information available; however, variations may exist in the subsurface between boring locations.

1.5.1 Classification of Excavation

No consideration will be given to the nature of the materials, and all excavation will be designated as unclassified excavation. Finish the specified excavation on a classified basis, in accordance with the following designations and classifications.

1.5.2 Blasting

Perform blasting in accordance with EM 385-1-1 and in conformance with Federal, State, and local safety regulations. Submit notice 15 days prior to starting work. Submit a Blasting Plan, prepared and sealed by a registered professional engineer that includes calculations for overpressure and debris hazard. Provide blasting mats and use the non-electric blasting caps. Obtain written approval prior to performing any blasting and notify the Contracting Officer 24 hours prior to blasting. Include provisions for storing, handling and transporting explosives as well as for the blasting operations in the plan. The Contractor is responsible for damage caused by blasting operations.

1.5.3 Dewatering Work Plan

Submit procedures for accomplishing dewatering work.

1.6 SUBMITTALS

Government approval is required for submittals with a "G" designation; submittals not having a "G" designation are for information only. When used, a designation following the "G" designation identifies the office that will review the submittal for the Government. Submit the following in accordance with Section 01 33 00 SUBMITTAL PROCEDURES:

SD-01 Preconstruction Submittals

Shoring; G
Dewatering Work Plan; G
Blasting; G

Submit 15 days prior to starting work.

SD-03 Product Data

Utilization of Excavated Materials; G
Rock Excavation
Opening of any Excavation or Borrow Pit
Shoulder Construction

Procedure and location for disposal of unused satisfactory material. Proposed source of borrow material. Notification of encountering rock in the project. Advance notice on the opening of excavation or borrow areas. Advance notice on shoulder construction for rigid pavements.

SD-06 Test Reports

Testing

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Borrow Site Testing

Within 24 hours of conclusion of physical tests, 2 copies of test results, including calibration curves and results of calibration tests. Results of testing at the borrow site.

SD-07 Certificates

Testing

Qualifications of the Corps validated commercial testing laboratory or the Contractor's validated testing facilities.

PART 2 PRODUCTS

2.1 REQUIREMENTS FOR OFFSITE SOILS

Test offsite soils brought in for use as backfill for Total Petroleum Hydrocarbons (TPH), Benzene, Toluene, Ethyl Benzene, and Xylene (BTEX) and full Toxicity Characteristic Leaching Procedure (TCLP) including ignitability, corrosivity and reactivity. Determine TPH concentrations by using EPA 600/4-79/020 Method 418.1. Determine BTEX concentrations by using EPA SW-846.3-3 Method 5030/8020. Perform TCLP in accordance with EPA SW-846.3-3 Method 1311. Provide Borrow Site Testing for TPH, BTEX and TCLP from a composite sample of material from the borrow site, with at least one test from each borrow site. Within 24 hours of conclusion of physical tests, submit 2 copies of test results, including calibration curves and results of calibration tests. Do not bring material onsite until tests have been approved by the Contracting Officer.

2.2 BURIED WARNING AND IDENTIFICATION TAPE

Provide metallic core or metallic-faced, acid- and alkali-resistant, polyethylene plastic warning tape manufactured specifically for warning and identification of buried utility lines. Provide tape on rolls, 3 inches minimum width, color coded as specified below for the intended utility with warning and identification imprinted in bold black letters continuously over the entire tape length. Warning and identification to read, "CAUTION, BURIED (intended service) LINE BELOW" or similar wording. Provide permanent color and printing, unaffected by moisture or soil.

Warning Tape Color Codes

Red:	Electric
Yellow:	Gas, Oil; Dangerous Materials
Orange:	Telephone and Other Communications
Blue:	Water Systems
Green:	Sewer Systems
White:	Steam Systems
Gray:	Compressed Air

2.2.1 Warning Tape for Metallic Piping

Provide acid and alkali-resistant polyethylene plastic tape conforming to the width, color, and printing requirements specified above, with a minimum thickness of 0.003 inch and a minimum strength of 1500 psi lengthwise, and 1250 psi crosswise, with a maximum 350 percent elongation.

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2.2.2 Detectable Warning Tape for Non-Metallic Piping

Provide polyethylene plastic tape conforming to the width, color, and printing requirements specified above, with a minimum thickness of 0.004 inch, and a minimum strength of 1500 psi lengthwise and 1250 psi crosswise. Manufacture tape with integral wires, foil backing, or other means of enabling detection by a metal detector when tape is buried up to 3 feet deep. Encase metallic element of the tape in a protective jacket or provide with other means of corrosion protection.

2.3 DETECTION WIRE FOR NON-METALLIC PIPING

Insulate a single strand, solid copper detection wire with a minimum of 12 AWG.

2.4 MATERIAL FOR RIP-RAP

Provide Bedding material, Filter fabric and rock conforming to these requirements for construction indicated.

2.4.1 Bedding Material

Provide bedding material consisting of sand, gravel, or crushed rock, well graded, or poorly graded with a maximum particle size of 2 inches. Compose material of tough, durable particles. Allow fines passing the No. 200 standard sieve with a plasticity index less than six.

2.4.2 Rock

Provide rock fragments sufficiently durable to ensure permanence in the structure and the environment in which it is to be used. Use rock fragments free from cracks, seams, and other defects that would increase the risk of deterioration from natural causes. Provide fragments sized so that no individual fragment exceeds a weight of 150 pounds and that no more than 10 percent of the mixture, by weight, consists of fragments weighing 2 pounds or less each. Provide rock with a minimum specific gravity of 2.50. Do not permit the inclusion of more than trace 1 percent quantities of dirt, sand, clay, and rock fines.

PART 3 EXECUTION

3.1 STRIPPING OF TOPSOIL

Where indicated or directed, strip topsoil to a depth of 4 inches. Spread topsoil on areas already graded and prepared for topsoil, or transported and deposited in stockpiles convenient to areas that are to receive application of the topsoil later, or at locations indicated or specified. Keep topsoil separate from other excavated materials, brush, litter, objectionable weeds, roots, stones larger than 2 inches in diameter, and other materials that would interfere with planting and maintenance operations. Stockpile in locations indicated or Remove from the site any surplus of topsoil from excavations and gradings.

3.2 GENERAL EXCAVATION

Perform excavation of every type of material encountered within the limits of the project to the lines, grades, and elevations indicated and as specified. Perform the grading in accordance with the typical sections shown and the tolerances specified in paragraph FINISHING. Transport

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satisfactory excavated materials and place in fill or embankment within the limits of the work. Excavate unsatisfactory materials encountered within the limits of the work below grade and replace with satisfactory materials as directed. Include such excavated material and the satisfactory material ordered as replacement in excavation. Dispose surplus satisfactory excavated material not required for fill or embankment in areas approved for surplus material storage or designated waste areas. Dispose unsatisfactory excavated material in designated waste or spoil areas. During construction, perform excavation and fill in a manner and sequence that will provide proper drainage at all times. Excavate material required for fill or embankment in excess of that produced by excavation within the grading limits from the borrow areas indicated or from other approved areas selected by the Contractor as specified.

3.2.1 Ditches, Gutters, and Channel Changes

Finish excavation of ditches, gutters, and channel changes by cutting accurately to the cross sections, grades, and elevations shown on Drawings. Do not excavate ditches and gutters below grades shown. Backfill the excessive open ditch or gutter excavation with satisfactory, thoroughly compacted, material or with suitable stone or cobble to grades shown. Dispose excavated material as shown or as directed, except in no case allow material be deposited a maximum 4 feet from edge of a ditch. Maintain excavations free from detrimental quantities of leaves, brush, sticks, trash, and other debris until final acceptance of the work.

3.2.2 Drainage Structures

Make excavations to the lines, grades, and elevations shown, or as directed. Provide trenches and foundation pits of sufficient size to permit the placement and removal of forms for the full length and width of structure footings and foundations as shown. Clean rock or other hard foundation material of loose debris and cut to a firm, level, stepped, or serrated surface. Remove loose disintegrated rock and thin strata. Do not disturb the bottom of the excavation when concrete or masonry is to be placed in an excavated area. Do not excavate to the final grade level until just before the concrete or masonry is to be placed. Where pile foundations are to be used, stop the excavation of each pit at an elevation 1 foot above the base of the footing, as specified, before piles are driven. After the pile driving has been completed, remove loose and displaced material and complete excavation, leaving a smooth, solid, undisturbed surface to receive the concrete or masonry.

3.2.3 Drainage

Provide for the collection and disposal of surface and subsurface water encountered during construction. Completely drain construction site during periods of construction to keep soil materials sufficiently dry. Construct storm drainage features (ponds/basins) at the earliest stages of site development, and throughout construction grade the construction area to provide positive surface water runoff away from the construction activity or provide temporary ditches, swales, and other drainage features and equipment as required to maintain dry soils. When unsuitable working platforms for equipment operation and unsuitable soil support for subsequent construction features develop, remove unsuitable material and provide new soil material as specified herein. It is the responsibility of the Contractor to assess the soil and ground water conditions presented by the plans and specifications and to employ necessary measures to permit construction to proceed.

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3.2.4 Dewatering

Control groundwater flowing toward or into excavations to prevent sloughing of excavation slopes and walls, boils, uplift and heave in the excavation and to eliminate interference with orderly progress of construction.

3.2.5 Structural Excavation

Ensure that footing subgrades have been inspected and approved by the Contracting Officer prior to concrete placement. Excavate to bottom of pile cap prior to placing or driving piles, unless authorized otherwise by the Contracting Officer. Backfill and compact over excavations and changes in grade due to pile driving operations to 95 percent of ASTM D 698 maximum density.

3.3 SELECTION OF BORROW MATERIAL

Select borrow material to meet the requirements and conditions of the particular fill or embankment for which it is to be used. Obtain borrow material from the borrow areas within the limits of the project site, selected by the Contractor. Unless otherwise provided in the contract, the Contractor is responsible for obtaining the right to procure material, pay royalties and other charges involved, and bear the expense of developing the sources, including rights-of-way for hauling from the owners. Borrow material from approved sources on Government-controlled land may be obtained without payment of royalties. Unless specifically provided, do not obtain borrow within the limits of the project site without prior written approval. Consider necessary clearing, grubbing, and satisfactory drainage of borrow pits and the disposal of debris thereon related operations to the borrow excavation.

3.4 OPENING AND DRAINAGE OF EXCAVATION AND BORROW PITS

Notify the Contracting Officer sufficiently in advance of the opening of any excavation or borrow pit or borrow areas to permit elevations and measurements of the undisturbed ground surface to be taken. Except as otherwise permitted, excavate borrow pits and other excavation areas providing adequate drainage. Transport overburden and other spoil material to designated spoil areas or otherwise dispose of as directed. Provide neatly trimmed and drained borrow pits after the excavation is completed. Ensure that excavation of any area, operation of borrow pits, or dumping of spoil material results in minimum detrimental effects on natural environmental conditions.

3.5 GRADING AREAS

Where indicated, divide work into grading areas within which satisfactory excavated material will be placed in embankments, fills, and required backfills. Do not haul satisfactory material excavated in one grading area to another grading area except when so directed in writing. Place and grade stockpiles of satisfactory and unsatisfactory as specified. Keep stockpiles in a neat and well drained condition, giving due consideration to drainage at all times. Clear, grub, and seal by rubber-tired equipment, the ground surface at stockpile locations; separately stockpile excavated satisfactory and unsatisfactory materials. Protect stockpiles of satisfactory materials from contamination which may destroy the quality and fitness of the stockpiled material. If the Contractor fails to protect the stockpiles, and any material becomes unsatisfactory, remove and replace

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such material with satisfactory material from approved sources.

3.6 FINAL GRADE OF SURFACES TO SUPPORT CONCRETE

Do not excavate to final grade until just before concrete is to be placed. For pile foundations, stop the excavation at an elevation of from 6 to 12 inches above the bottom of the footing before driving piles. After pile driving has been completed, complete the remainder of the excavation to the elevations shown. Only use excavation methods that will leave the foundation rock in a solid and unshattered condition. Roughen the level surfaces, and cut the sloped surfaces, as indicated, into rough steps or benches to provide a satisfactory bond. Protect shales from slaking and all surfaces from erosion resulting from ponding or water flow.

3.7 GROUND SURFACE PREPARATION

3.7.1 General Requirements

Remove and replace unsatisfactory material with satisfactory materials, as directed by the Contracting Officer, in surfaces to receive fill or in excavated areas. Scarify the surface to a depth of 6 inches before the fill is started. Plow, step, bench, or break up sloped surfaces steeper than 1 vertical to 4 horizontal so that the fill material will bond with the existing material. When subgrades are less than the specified density, break up the ground surface to a minimum depth of 6 inches, pulverizing, and compacting to the specified density. When the subgrade is part fill and part excavation or natural ground, scarify the excavated or natural ground portion to a depth of 12 inches and compact it as specified for the adjacent fill.

3.7.2 Frozen Material

Do not place material on surfaces that are muddy, frozen, or contain frost. Finish compaction by sheepsfoot rollers, pneumatic-tired rollers, steel-wheeled rollers, or other approved equipment well suited to the soil being compacted. Moisten material as necessary to provide the moisture content that will readily facilitate obtaining the specified compaction with the equipment used.

3.8 UTILIZATION OF EXCAVATED MATERIALS

Dispose unsatisfactory materials removing from excavations into designated waste disposal or spoil areas. Use satisfactory material removed from excavations, insofar as practicable, in the construction of fills, embankments, subgrades, shoulders, bedding (as backfill), and for similar purposes. Submit procedure and location for disposal of unused satisfactory material. Submit proposed source of borrow material. Do not waste any satisfactory excavated material without specific written authorization. Dispose of satisfactory material, authorized to be wasted, in designated areas approved for surplus material storage or designated waste areas as directed. Clear and grub newly designated waste areas on Government-controlled land before disposal of waste material thereon. Stockpile and use coarse rock from excavations for constructing slopes or embankments adjacent to streams, or sides and bottoms of channels and for protecting against erosion. Do not dispose excavated material to obstruct the flow of any stream, endanger a partly finished structure, impair the efficiency or appearance of any structure, or be detrimental to the completed work in any way.

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3.9 BURIED TAPE AND DETECTION WIRE

3.9.1 Buried Warning and Identification Tape

Provide buried utility lines with utility identification tape. Bury tape 12 inches below finished grade; under pavements and slabs, bury tape 6 inches below top of subgrade.

3.9.2 Buried Detection Wire



3.10 BACKFILLING AND COMPACTION

Place backfill adjacent to any and all types of structures, and compact to at least 90 percent laboratory maximum density for cohesive materials or 95 percent laboratory maximum density for cohesionless materials, to prevent wedging action or eccentric loading upon or against the structure. Prepare ground surface on which backfill is to be placed and provide compaction requirements for backfill materials in conformance with the applicable portions of paragraphs GROUND SURFACE PREPARATION. Finish compaction by sheepsfoot rollers, pneumatic-tired rollers, steel-wheeled rollers, vibratory compactors, or other approved equipment.

3.11 SPECIAL REQUIREMENTS

Special requirements for both excavation and backfill relating to the specific utilities are as follows:

3.11.1 Gas Distribution

Excavate trenches to a depth that will provide a minimum 18 inches of cover in rock excavation and a minimum 24 inch of cover in other excavation.

3.11.2 Electrical Distribution System

Provide a minimum cover of 24 inches from the finished grade to direct burial cable and conduit or duct line, unless otherwise indicated.

3.11.3 Rip-Rap Construction

Construct rip-rap on filter fabric in the areas indicated. Trim and dress indicated areas to conform to cross sections, lines and grades shown within a tolerance of 0.1 foot.

3.11.3.1 Stone Placement

Place rock for rip-rap on prepared bedding material to produce a well graded mass with the minimum practicable percentage of voids in conformance with lines and grades indicated. Distribute larger rock fragments, with dimensions extending the full depth of the rip-rap throughout the entire

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mass and eliminate "pockets" of small rock fragments. Rearrange individual pieces by mechanical equipment or by hand as necessary to obtain the distribution of fragment sizes specified above. For grouted rip-rap, hand-place surface rock with open joints to facilitate grouting and do not fill smaller spaces between surface rock with finer material. Provide at least one "weep hole" through grouted rip-rap for every 50 square feet of finished surface. Provide weep holes with columns of bedding material, 4 inches in diameter, extending up to the rip-rap surface without grout.

3.12 EMBANKMENTS

3.12.1 Earth Embankments

Construct earth embankments from satisfactory materials free of organic or frozen material and rocks with any dimension greater than 3 inches. Place the material in successive horizontal layers of loose material not more than 12 inches in depth. Spread each layer uniformly on a soil surface that has been moistened or aerated as necessary, and scarified or otherwise broken up so that the fill will bond with the surface on which it is placed. After spreading, plow, disk, or otherwise brake up each layer; moisten or aerate as necessary; thoroughly mix; and compact to at least 90 percent laboratory maximum density for cohesive materials or 95 percent laboratory maximum density for cohesionless materials. Compaction requirements for the upper portion of earth embankments forming subgrade for pavements are identical with those requirements specified in paragraph SUBGRADE PREPARATION. Finish compaction by sheepsfoot rollers, pneumatic-tired rollers, steel-wheeled rollers, vibratory compactors, or other approved equipment.

3.13 SUBGRADE PREPARATION

3.13.1 Proof Rolling

Finish proof rolling on an exposed subgrade free of surface water (wet conditions resulting from rainfall) which would promote degradation of an otherwise acceptable subgrade. Operate the roller truck in a systematic manner to ensure the number of passes over all areas, and at speeds between 2-1/2 to 3-1/2 mph. When proof rolling, provide one-half of the passes made with the roller in a direction perpendicular to the other passes. Notify the Contracting Officer a minimum of 3 days prior to proof rolling. Perform proof rolling in the presence of the Contracting Officer. Undercut rutting or pumping of material as directed by the Contracting Officer and replace with select material.

3.13.2 Construction

Shape subgrade to line, grade, and cross section, and compact as specified. Include plowing, disking, and any moistening or aerating required to obtain specified compaction for this operation. Remove soft or otherwise unsatisfactory material and replace with satisfactory excavated material or other approved material as directed. Excavate rock encountered in the cut section to a depth of (b) (5) below finished grade for the subgrade. Bring up low areas resulting from removal of unsatisfactory material or excavation of rock to required grade with satisfactory materials, and shape the entire subgrade to line, grade, and cross section and compact as specified. After rolling, the surface of the subgrade for roadways shall not show deviations greater than 1/2 inch when tested with a 12-foot straightedge applied both parallel and at right angles to the centerline of the area. Do not vary the elevation of the finish subgrade

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more than 0.05 foot from the established grade and cross section.

3.13.3 Compaction

Finish compaction by sheepsfoot rollers, pneumatic-tired rollers, steel-wheeled rollers, vibratory compactors, or other approved equipment. Except for paved areas and railroads, compact each layer of the embankment to at least 95 percent of laboratory maximum density.

3.13.3.1 Subgrade for Pavements

Compact subgrade for pavements to at least 95 percentage laboratory maximum density for the depth below the surface of the pavement shown. When more than one soil classification is present in the subgrade, thoroughly blend, reshape, and compact the top of subgrade.

3.13.3.2 Subgrade for Shoulders

Compact subgrade for shoulders to at least 95 percentage laboratory maximum density for the full depth of the shoulder.

3.14 SHOULDER CONSTRUCTION

Construct shoulders of satisfactory excavated or borrow material or as otherwise shown or specified.. Submit advanced notice on shoulder construction for rigid pavements. Construct shoulders immediately after adjacent paving is complete. In the case of rigid pavements, do not construct shoulders until permission of the Contracting Officer has been obtained. Compact the entire shoulder area to at least the percentage of maximum density as specified in paragraph SUBGRADE PREPARATION above, for specific ranges of depth below the surface of the shoulder. Finish compaction by sheepsfoot rollers, pneumatic-tired rollers, steel-wheeled rollers, vibratory compactors, or other approved equipment. Finish shoulder construction in proper sequence in such a manner that adjacent ditches will be drained effectively and that no damage of any kind is done to the adjacent completed pavement. Align the completed shoulders true to grade and shaped to drain in conformity with the cross section shown.

3.15 FINISHING

Finish the surface of excavations, embankments, and subgrades to a smooth and compact surface in accordance with the lines, grades, and cross sections or elevations shown. Provide the degree of finish for graded areas within 0.1 foot of the grades and elevations indicated except that the degree of finish for subgrades specified in paragraph SUBGRADE PREPARATION. Finish gutters and ditches in a manner that will result in effective drainage. Finish the surface of areas to be turfed from settlement or washing to a smoothness suitable for the application of turfing materials. Repair graded, topsoiled, or backfilled areas prior to acceptance of the work, and re-established grades to the required elevations and slopes.

3.15.1 Subgrade and Embankments

During construction, keep embankments and excavations shaped and drained. Maintain ditches and drains along subgrade to drain effectively at all times. Do not disturb the finished subgrade by traffic or other operation. Protect and maintain the finished subgrade in a satisfactory condition until ballast, subbase, base, or pavement is placed. Do not

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permit the storage or stockpiling of materials on the finished subgrade. Do not lay subbase, base course, ballast, or pavement until the subgrade has been checked and approved, and in no case place subbase, base, surfacing, pavement, or ballast on a muddy, spongy, or frozen subgrade.

3.15.2 Grading Around Structures

Construct areas within 5 feet outside of each building and structure line true-to-grade, shape to drain, and maintain free of trash and debris until final inspection has been completed and the work has been accepted.

3.16 PLACING TOPSOIL

On areas to receive topsoil, prepare the compacted subgrade soil to a 2 inches depth for bonding of topsoil with subsoil. Spread topsoil evenly to a thickness of 1 inch and grade to the elevations and slopes shown. Do not spread topsoil when frozen or excessively wet or dry. Obtain material required for topsoil in excess of that produced by excavation within the grading limits from offsite areas.

3.17 TESTING

Perform testing by a Corps validated commercial testing laboratory or the Contractor's validated testing facility. Submit qualifications of the Corps validated commercial testing laboratory or the Contractor's validated testing facilities. If the Contractor elects to establish testing facilities, do not permit work requiring testing until the Contractor's facilities have been inspected, Corps validated and approved by the Contracting Officer.

a. Determine field in-place density in accordance with ASTM D 6938. ASTM D 6938 results in a wet unit weight of soil in determining the moisture content of the soil when using this method.

b. Check the calibration curves furnished with the moisture gauges along with density calibration checks as described in ASTM D 6938; check the calibration of both the density and moisture gauges at the beginning of a job on each different type of material encountered and at intervals as directed by the Contracting Officer. When test results indicate, as determined by the Contracting Officer, that compaction is not as specified, remove the material, replace and recompact to meet specification requirements.

c. Perform tests on recompacted areas to determine conformance with specification requirements. Appoint a registered professional civil engineer to certify inspections and test results. These certifications shall state that the tests and observations were performed by or under the direct supervision of the engineer and that the results are representative of the materials or conditions being certified by the tests. The following number of tests, if performed at the appropriate time, will be the minimum acceptable for each type operation.

3.17.1 Moisture Contents

In the stockpile, excavation, or borrow areas, perform a minimum of two tests per day per type of material or source of material being placed during stable weather conditions. During unstable weather, perform tests as dictated by local conditions and approved by the Contracting Officer.

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3.17.2 Optimum Moisture and Laboratory Maximum Density

Perform tests for each type material or source of material including borrow material to determine the optimum moisture and laboratory maximum density values. One representative test per 5 cubic yards of fill and backfill, or when any change in material occurs which may affect the optimum moisture content or laboratory maximum density.

3.17.3 Tolerance Tests for Subgrades

Perform continuous checks on the degree of finish specified in paragraph SUBGRADE PREPARATION during construction of the subgrades.

-- End of Section --

SECTION 31 63 29

DRILLED CONCRETE PIERS AND SHAFTS

05/09

PART 1 GENERAL

1.1 REFERENCES

The publications listed below form a part of this specification to the extent referenced. The publications are referred to within the text by the basic designation only.

AMERICAN CONCRETE INSTITUTE INTERNATIONAL (ACI)

ACI 117	(2010) Specifications for Tolerances for Concrete Construction and Materials and Commentary
ACI 301	(2010) Specifications for Structural Concrete
ACI 304R	(2000; R 2009) Guide for Measuring, Mixing, Transporting, and Placing Concrete
ACI 305R	(2010) Specification for Hot Weather Concreting
ACI 306.1	(1990; R 2002) Standard Specification for Cold Weather Concreting
ACI 318	(2011) Building Code Requirements for Structural Concrete and Commentary
ACI 336.1	(2001) Specification for the Construction of Drilled Piers
ACI SP-66	(2004) ACI Detailing Manual

AMERICAN SOCIETY OF CIVIL ENGINEERS (ASCE)

ASCE 7-10	(2010; Change 2010; Change 2011) Minimum Design Loads for Buildings and Other Structures
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AMERICAN WELDING SOCIETY (AWS)

AWS A5.1/A5.1M	(2004) Specification for Carbon Steel Electrodes for Shielded Metal Arc Welding
AWS D1.1/D1.1M	(2010) Structural Welding Code - Steel
AWS D1.4/D1.4M	(2011) Structural Welding Code - Reinforcing Steel

ASTM INTERNATIONAL (ASTM)

ASTM A615/A615M	(2009b) Standard Specification for
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	Deformed and Plain Carbon-Steel Bars for Concrete Reinforcement
ASTM A82/A82M	(2007) Standard Specification for Steel Wire, Plain, for Concrete Reinforcement
ASTM C143/C143M	(2010) Standard Test Method for Slump of Hydraulic-Cement Concrete
ASTM C150/C150M	(2011) Standard Specification for Portland Cement
ASTM C172	(2010) Standard Practice for Sampling Freshly Mixed Concrete
ASTM C31/C31M	(2010) Standard Practice for Making and Curing Concrete Test Specimens in the Field
ASTM C39/C39M	(2010) Standard Test Method for Compressive Strength of Cylindrical Concrete Specimens
ASTM C94/C94M	(2011a) Standard Specification for Ready-Mixed Concrete

CONCRETE REINFORCING STEEL INSTITUTE (CRSI)

CRSI 10MSP	(2009; 28th Ed) Manual of Standard Practice
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U.S. FEDERAL HIGHWAY ADMINISTRATION (FHWA)

FHWA IF-99-025	(2000) Drilled Shafts: Construction Procedures and Design Methods (with Errata Sheet)
FHWA IP-84-11	(1984) Handbook on Design and Construction of Drilled Shafts Under Lateral Load

U.S. NATIONAL ARCHIVES AND RECORDS ADMINISTRATION (NARA)

29 CFR 1926.501	Duty to Have Fall Protection
29 CFR 1926.502	Fall Protection Systems Criteria and Practices
29 CFR 1926.651	Specific Excavation Requirements

1.2 SUBMITTALS

Government approval is required for submittals with a "G" designation; submittals not having a "G" designation are for information only. When used, a designation following the "G" designation identifies the office that will review the submittal for the Government. Submit the following in accordance with Section 01 33 00 SUBMITTAL PROCEDURES:

SD-02 Shop Drawings

Installation drawings are to include, but not limited to, the following items indicating a completely dimensioned layout and

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location of drilled shafts and concrete placement for foundation system:

Drilled shaft diameters
Depth of test holes
Top and Bottom of shaft elevations
Steel Reinforcement
Anchor bolt locations
Accessories

SD-05 Design Data

As applicable submit the following:

Applicable Building code criteria for the geographic area where the excavation will take place
Casing description

Submit Mix design data in accordance with the paragraph entitled, "Ready-Mix Concrete".

SD-06 Test Reports

Submit test reports in accordance with the test described in paragraph entitled, "Field Testing" for the following items:

Soils Report
Ground Water conditions
Load Test
Penetration Test
Slump
Concrete
Compressive Strength

SD-07 Certificates

Submit certificates for the following items showing conformance with referenced standards contained in this section:

Bill of Lading for "Ready-Mix Concrete" deliveries
Steel Reinforcement
Welding Certificates
Excavation and Drilling Equipment

Qualifications of Excavator
Certify that the excavator meets requirements specified under paragraph entitled "Qualifications of Excavation Contractor".

Qualifications of Engineer
Certify that the engineer meets requirements specified under paragraph entitled "Qualifications of Professional Engineer".

1.3 QUALITY ASSURANCE

1.3.1 General

Install Drilled Shaft Foundations in accordance with applicable requirements as described by ACI 336.1 "Reinforced Specifications for the Construction of Drilled Piers", ADSC "Standards and Specifications for the

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Foundation Drilling Industry", FHWA IF-99-025 "Drilled Shafts: Construction Procedures and Design Methods" and FHWA IP-84-11 "Handbook on Design and Construction of Drilled Shafts under Lateral Load".

Submit design data for the following:

- a. Drilled shaft foundation design analysis to include, but not limited to the following:
 - (1) Casing description
- b. Mix design data in accordance with the paragraph entitled, "Ready-Mix Concrete", accompanied by the Bill of Lading for Ready Mix Concrete deliveries.

1.3.2 Sequencing and Scheduling

Submit a detailed installation plan describing the schedule for drilling and/or excavation, installation of steel reinforcement and concrete placement with anticipated site conditions so that each excavated shaft is poured the same day that the drilling is performed.

Submit detailed shop drawings for the following:

- a. Drilled shaft diameters
- b. Depth of test holes
- c. Top and Bottom of shaft elevations
- d. Steel Reinforcement
- e. Anchor bolt locations
- f. Accessories

1.3.3 Drilling and Excavation Equipment

Provide drilling and excavation equipment having adequate capacity, including but not limited to, power, torque and down thrust to excavate a hole of diameter and depth indicated. Also provide excavation and over-reaming tools of adequate design, size and strength to perform the work indicated.

Provide special drilling equipment including, but not limited to, rock core barrels, rock tools, air tools and other equipment as necessary to construct the shaft excavation to the size and depth indicated when materials encountered can not be drilled using earth augers and/or over-reaming tools.

Submit certificates substantiating appropriate selection of excavation and drilling equipment.

1.3.4 Construction Criteria

Provide and install monolithically cast-in-place concrete drilled shaft foundation to the sizes indicated.

Provide and install straight cylindrical shaft foundation of the type

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indicated.

Tolerances:

- a. Maximum variation of the center of any shaft foundation from the required location: 3 inches, measured at the ground surface.
- b. Bottom Diameter: Minus zero, plus 6 inches, measured in any direction.
- c. Maximum variation from plumb: 1:40.
- d. Maximum bottom level: Plus or minus 2 inches.

1.3.5 Inspection Criteria

Inspection activities should be designed to minimize delays while insuring the intent of the Industry Standard Specifications.

Provide equipment for checking the dimensions and alignment of each shaft excavation. Determine dimensions and alignment jointly with the contractor and engineer. Measure final shaft depths with appropriate weighted tape measure or other approved method after cleaning.

A minimum of 50 percent of the base for each shaft is to be less than 1/2 inch of sediment at the time of concrete placement. Maximum depth of sediment or debris at any place on the base of the shaft is not to exceed 1-1/2 inches. Shaft cleanliness is to be determined by the engineer by visual inspection.

1.3.6 Qualification of Excavation Contractor

An experienced excavator with five (5) years experience and licensed in the State of Arizona who has specialized in excavating and installing work similar in material, design, and extent to that indicated for this Project. Submit certificates substantiating the Qualifications of Excavator.

1.3.7 Qualification of Professional Engineer

Provide engineering services by an authorized engineer; currently licensed in the State of Arizona, having a minimum of four (4) years experience as an engineer knowledgeable in drilled shaft foundation design analysis, protocols and procedures for the ACI 336.1, FHWA IF-99-025, FHWA IP-84-11; ASCE 7-10 and the 2012 International Building Code. Submit certificates substantiating the Qualifications of Engineer.

1.3.8 Welding Qualifications

Provide and maintain qualified procedures and personnel according to AWS D1.1/D1.1M, AWS D1.4/D1.4M, AWS A5.1/A5.1M "Carbon Steel Electrodes for Shielded Metal Arc Welding", and "Structural Welding Code--Steel". Submit Welding Certificates. Submit Welding Certificates to the Contracting Officer.

1.3.9 Pre-Construction Conference

After submittals are received and approved but before drilled shaft excavation and foundation work, including associated work, is performed, the Contracting Officer will hold a pre-construction conference to review the following:

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- a. The drawings, specifications and the geotechnical report.
- b. Finalize construction schedule and verify availability of materials, Excavator's personnel, equipment, and facilities needed to make progress and avoid delays.
- c. Methods and procedures related to drilled shaft foundation installation, including engineer's written instructions.
- d. Support conditions for compliance with requirements, including alignment between foundation system and erection of structural members.
- e. Governing regulations and requirements for, certificates, insurance, tests and inspections if applicable.
- f. Temporary protection requirements for foundation assembly during and after installation.

1.4 PROJECT CONDITIONS

1.4.1 Existing Conditions

Locate existing underground utilities before excavating drilled shaft foundations. If existing utilities are to remain in place, provide protection during drilled shaft operations.

1.4.2 Interruption of Existing Utilities

Do not interrupt any utility to occupied facilities unless directed in writing by the Contracting Officer.

1.4.3 Weather Limitations

Proceed with installation preparation only when existing and forecasted weather conditions permit Work to proceed without water entering into the area of excavation.

PART 2 PRODUCTS

2.1 STEEL REINFORCEMENT

2.1.1 Deformed Steel Bars

Steel bars conforming to ASTM A615/A615M, Grade 60 ksi and ACI 318.

2.1.2 Plain Steel Wire

Steel wire conforming to ASTM A82/A82M.

2.2 READY-MIX CONCRETE

Ready-Mix Concrete and Mix Design conforming to ACI 117, ACI 301, and ACI 304R, minimum compressive strength 4,000 psi at 28 days. Slump to be between 5 to 6 inches, according to ASTM C143/C143M.

Portland cements conforming to ASTM C150/C150M, Type II; provide one brand and type of cement for formed concrete having exposed to view finished surfaces.

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Potable water conforming to ASTM C94/C94M.

Measure, batch, mix and deliver concrete according to ASTM C94/C94M and furnish batch ticket information.

PART 3 EXECUTION

3.1 PREPARATION

Protect existing structures, utilities, sidewalks, pavements, and other facilities from damage caused by settlement, lateral movement, vibration, and other hazards created by drilled shaft foundation operations.

Provide Fall Protection as required by 29 CFR 1926.501, 29 CFR 1926.502 and 29 CFR 1926.651.

3.2 REQUIRED TEST REPORTS

As a minimum, submit the following test reports and data.

Ground Water conditions

- b. Load Test
- c. Penetration Test
- d. Slump
- e. Concrete
- f. Compressive Strength

3.3 EXCAVATION

Excavation of shaft foundations to be accomplished by standard excavation methods including, but not limited to, conventional augers fitted with soil and/or rock teeth, or under-reaming tools attached to drilling equipment of adequate size, power, torque and down thrust necessary for the work.

Excavation is to be performed through whatever materials that are encountered to the dimensions, depths and applicable ACI 336.1 tolerances.

Protect excavated walls with temporary watertight steel casings of sufficient length to prevent water intrusion, cave-ins, displacement of surrounding earth, and injury to personnel and damage to construction operations.

Excavate shafts for drilled foundations to indicated elevations. Remove loose debris, materials and/or muck to make bottom surfaces level within ACI 336.1 tolerances.

Remove water from excavated shaft prior to concrete placement.

3.4 STEEL REINFORCEMENT

Comply with recommendations in the CRSI "Manual of Standard Practice" CRSI 10MSP for fabricating, placing and supporting reinforcement. Shop fabricate steel reinforcement in accordance with ACI SP-66.

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When practicable to deliver the reinforcement cage assembly to the jobsite as a complete unit ready for installation, should it not be possible make remaining connections and/or splices, as indicated on the approved shop drawings, at-grade level prior to lowering the complete assembly into the hole.

Clean reinforcement of loose rust, mill scale, earth and other foreign materials. Do not tack weld crossing reinforcing bars. Set wire ties with ends directed into concrete, not toward exposed concrete surfaces.

Lower reinforcement steel into the hole in such a manner as to prevent damage to the walls of the excavation; place, tie and/or clip cage symmetrically about the axis of the shaft. Use centering devices securely attached to the cage; to clear the shaft walls and to maintain the cage in place throughout the concrete placement operations.

Cooperate with other trades in setting of anchor bolts, inserts, and other embedded items. Where conflicts occur between reinforcing and embedded items, notify the Contracting Officer that conflicts may be reconciled before concrete placement. Anchors and embedded items are to be positioned and supported with appropriate accessories.

Use templates to set anchor bolts, leveling plates and other accessories required for structure erection. Provide blocking and/or holding devices to maintain required anchoring positions during final concrete placement.

3.5 CONCRETE PLACEMENT

Keep all equipment, including but not limited to, mixers, pumps, hoses, tools and screeds clean and free or set concrete throughout the placement operation.

Convey concrete from the mixer to place of deposit by best industry methods that will prevent segregation and loss of material. Size and design the equipment for conveying concrete to ensure uniform, continuous placement of concrete.

Place concrete in accordance with ACI 318.

Place concrete in a continuous operation and without segregation into dry excavations whenever possible after inspection and written approval by the Contracting Officer. Use all practicable means to obtain a dry excavation before and during concrete placement.

Protect freshly placed concrete from premature drying and excessive cold or hot temperatures. When hot weather conditions exist that would impair quality and strength of placed concrete, comply with ACI 305R. Comply with ACI 306.1 for cold-weather protection.

3.6 FIELD TESTING

Sample and test concrete for quality control during placement. Quality control testing is provided by the contract.

Sample freshly placed concrete for testing in accordance with ASTM C172.

Test concrete for compressive strength at 7 and 28 days for each design mix conforming to ASTM C39/C39M and compression testing in accordance with

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ASTM C31/C31M.

Test Slump at plant for reach design mix in accordance with ASTM C143/C143M.

-- End of Section --

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PRE-MANUFACTURED RETAINING WALL SYSTEM
10/12

PART 1 GENERAL

1.1 Pre-Manufactured Retaining Wall System

Work includes furnishing and installing concrete retaining wall units to the lines and grades designated on the construction drawings and as specified herein.

1.2 Reference Standards

ASTM INTERNATIONAL (ASTM)

ASTM C94 Ready-Mixed Concrete

ASTM C1372 Segmental Retaining Wall Units

ASTM C 94 Standard Specification for Ready-Mixed Concrete

1.3 Delivery, Storage, and Handling

- a. Contractor shall check the materials upon delivery to assure proper material has been received.
- b. Contractor shall prevent excessive mud, wet cement and like materials from coming in contact with the SRW units.
- c. Contractor shall protect the materials from damage. Damaged material shall not be incorporated in the project.

PART 2: MATERIALS

2.1 Wall Units

- a. Wall units shall be as produced by a licensed manufacturer.
- b. Wall units shall be made with Ready-Mixed concrete in accordance with ASTM C94, latest revision, and per the following chart:

Climate	Air Content	28 Day Compressive Strength, psi	Slump*
Negligible	1½%-4½%	4000	5" ±1 ½"
Moderate	3%-6%	4000	5" ±1 ½"
Severe	4½%-7½%	4000	5" ±1 ½"

*Higher slumps are allowed if achieved by use of appropriate admixtures. Notwithstanding anything stated above, all material used in the wall units must meet applicable ASTM and local requirements for exterior concrete.

- c. Exterior block dimensions shall be uniform and consistent. Maximum dimensional deviations shall be 1%. Maximum width (face to back) deviation shall be 1.0 inch.
- d. Exposed face shall be smooth form type. Dime-size bug holes on the block face may be patched and/or shake-on color stain can be used to blend into the remainder of the block face.

2.2 Leveling Pad and Free Draining Backfill

- a. Leveling pad shall be crushed stone. See detail sheet defining Leveling Pad options for drain placement in the bottom of the foundation leveling pad.
- b. Free Draining Backfill material shall be washed stone and shall be placed to a minimum of 1' width behind the back of the wall and shall extend vertically from the Leveling Pad to an elevation 4" below the top of wall.
- c. Backfill material shall be approved by the geotechnical engineer. Site excavated soils may be used if approved unless otherwise specified in the drawings. Unsuitable soils with a PL>6, organic soils and frost susceptible soils shall not be used within a 1 to 1 influence area.
- d. Non-woven geotextile cloth shall be placed between the Free Draining Backfill and retained soil if required.
- e. Where additional fill is needed, Contractor shall submit sample and specifications to the Engineer for approval.

2.3 Drainage

- a. Internal and external drainage shall be evaluated by the Professional Engineer who is responsible for the final wall design.

2.4 Geogrid Connection

- a. Fiberglass rod used in the Type 1AT Geo-Grid connection shall be 7/16" diameter. Only fiberglass rod obtained from an authorized pre-manufactured retaining wall supplier shall be used.

PART 3: CONSTRUCTION OF WALL SYSTEM

3.1 Excavation

- a. Contractor shall excavate to the lines and grades shown on the construction drawings.

3.2 Foundation Soil Preparation

- a. Native foundation soil shall be compacted to 95% of standard proctor or 90% of modified proctor prior to placement of the Leveling Pad material.
- b. In-situ foundation soil shall be examined by the Engineer to ensure that the actual foundation soil strength meets or exceeds assumed design strength. Soil not meeting the required strength shall be removed and replaced with acceptable, compacted material.

3.3 Leveling Pad Placement

- a. Leveling Pad shall be placed as shown on the construction drawings.
- b. Leveling Pad shall be placed on undisturbed native soils or suitable replacements fills.
- c. Leveling Pad shall be compacted to 95% of standard proctor or 90% of modified proctor to ensure a level, hard surface on which to place the first course blocks. Pad shall be constructed to the proper elevation to ensure the final elevation shown on the plans.
- d. Leveling Pad shall have a 6 inch minimum depth for walls under 8 feet in height and a 12 inch minimum depth for walls over 8 feet. Pad dimensions shall extend beyond the blocks in all directions to a distance at least equal to the depth of the pad or as designed by Engineer.
- e. For steps and pavers, a minimum of 1" - 1 ½" of free draining sand shall be screeded smooth to act as a placement bed for the steps or pavers.

3.4 Unit Installation

- a. The first course of wall units shall be placed on the prepared Leveling Pad with the aesthetic surface facing out and the front edges tight together. All units shall be checked for level and alignment as they are placed.
- b. Ensure that units are in full contact with Leveling Pad. Proper care shall be taken to develop straight lines and smooth curves on base course as per wall layout.
- c. The backfill in front and back of entire base row shall be placed and compacted to firmly lock them in place. Check all units again for level and alignment. All excess material shall be swept from top of units.
- d. Install next course of wall units on top of base row. Position blocks to be offset from seams of blocks below. Blocks shall be placed fully forward so knob and groove are engaged. Check each block for proper alignment and level. Backfill to 12 inch width behind block with Free Draining Backfill. Spread backfill in uniform lifts not exceeding 9 inches. Employ methods using lightweight compaction equipment that will not disrupt the stability or batter of the wall. Hand-operated plate compaction equipment shall be used around the block and within 3 feet of the wall to achieve consolidation. Compact backfill to 95% of standard proctor (ASTM D 698, AASHTO T-99) density within 2% of its optimum moisture content.
- e. Install each subsequent course in like manner. Repeat procedure to the extent of wall height.
- f. Allowable construction tolerance at the wall face is 2 degrees vertically and 1 inch in 10 feet horizontally.

- g. All walls shall be installed in accordance with local building codes and requirements.

3.5 Geogrid Installation

- a. See Wall Installation instructions.

-- End of Section --

APPENDIX D

GEOTECHNICAL TESTING RESULTS

(b) (7) (E)

PLATE A

VICINITY MAP
C-1 FENCE REPAIR
JOB NO. 12GC012



1251 West 24th Street P.O. Box 6029
DENVER, CO 80202 (303) 344-8374
BW23 FORM 001-0015
Email: nei@neicw.com

(b) (7) (E)

THIS PROJECT

PLATE B

LOCATION MAP

C-1 FENCE REPAIR
JOB NO. 12GC012



1801 West 24th Street P.O. Box 6029
Bismarck, ND 58106-0029
Phone: (701) 223-8374
Email: nea@neaw.com

LEGEND



BORING LOCATION



PLATE C
BORING LOCATION MAP

C-1 FENCE REPAIR
JOB NO. 12GC012



GEOTECHNICAL

1861 West 24th Street P.O. Box 6029

YUMA, ARIZONA 85394 (928)344-8374

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Nicklaus Engineering, Inc.
 1851 W. 24th St.
 Yuma, Arizona 85364
 Telephone: 928-344-8374
 Fax: 928-726-6994

BORING NUMBER BH-1
 PAGE 1 OF 1

CLIENT Michael Baker, Jr., Inc. PROJECT NAME C-1 Fence Repair
 PROJECT NUMBER 12GC012 PROJECT LOCATION Winterhaven, CA
 DATE STARTED 9/7/12 COMPLETED 9/7/12 GROUND ELEVATION _____ HOLE SIZE 8 inches
 DRILLING CONTRACTOR NEI GROUND WATER LEVELS:
 DRILLING METHOD Hollow Stem Auger AT TIME OF DRILLING 20.00 ft at time of drilling
 LOGGED BY GCE CHECKED BY (b) (6) AT END OF DRILLING —
 NOTES Boring Location: (b) (7)(E) AFTER DRILLING —

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	BLOW COUNTS (N VALUE)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION
0						

(b) (7)(E), (b) (5)

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 9/26/12 15:03 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINT\PROJECTS\12GC012\C-1 FENCE REPAIR.GPJ



Nicklaus Engineering, Inc.
 1851 W. 24th St.
 Yuma, Arizona 85364
 Telephone: 928-344-8374
 Fax: 928-726-6994

BORING NUMBER BH-2

PAGE 1 OF 2

CLIENT Michael Baker, Jr., Inc. PROJECT NAME C-1 Fence Repair

PROJECT NUMBER 12GC012 PROJECT LOCATION Winterhaven, CA

DATE STARTED 9/10/12 COMPLETED 9/10/12 GROUND ELEVATION _____ HOLE SIZE 6 inches

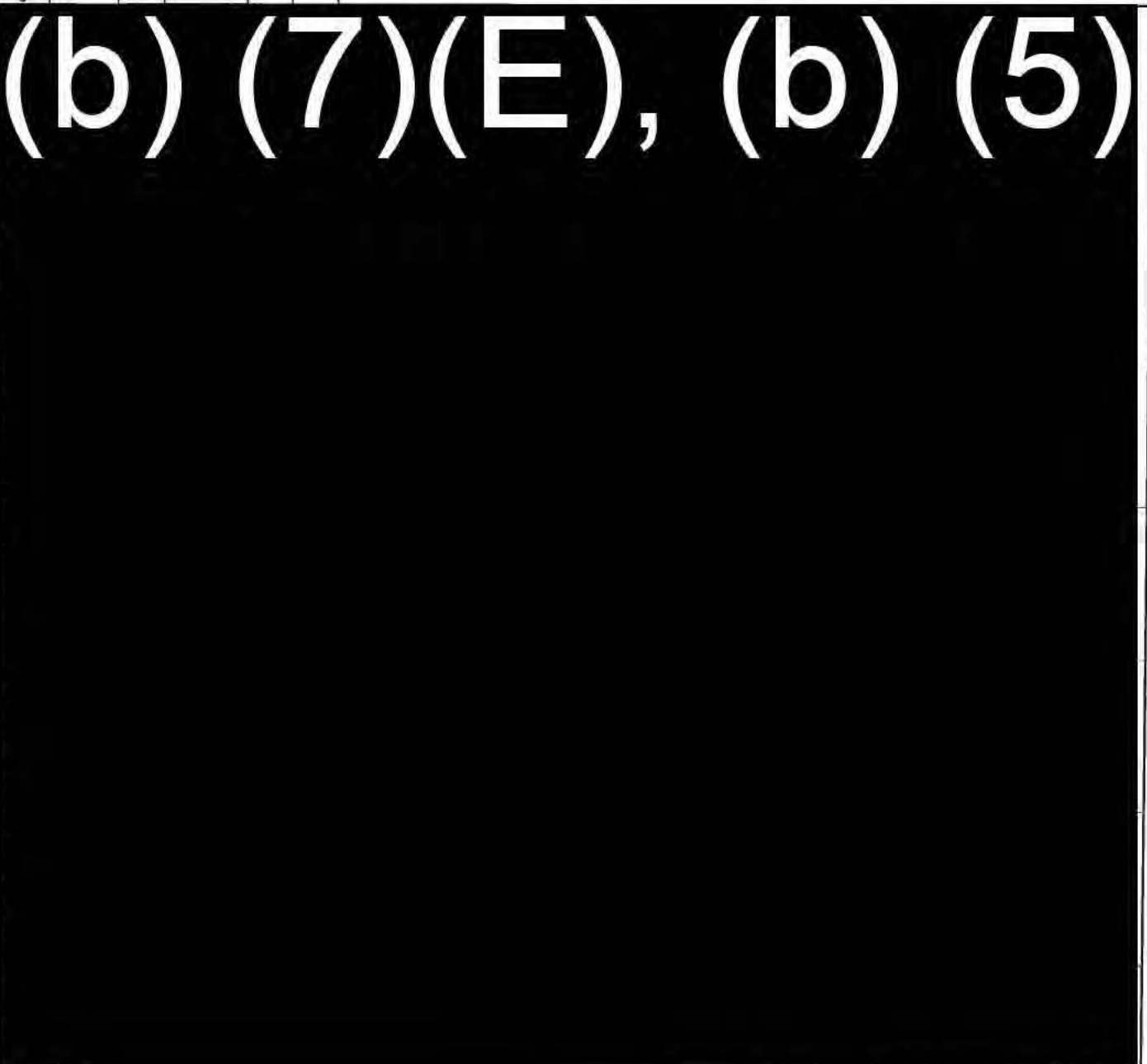
DRILLING CONTRACTOR Pacific Drilling GROUND WATER LEVELS:
 AT TIME OF DRILLING 28.00 ft at time of drilling

DRILLING METHOD Hollow Stem Auger AT END OF DRILLING _____

LOGGED BY GCE CHECKED BY (b) (6) AFTER DRILLING _____

NOTES Boring Location: (b) (7)(E)

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	BLOW COUNTS (N VALUE)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION
0						



GENERAL_BH / TP / WELL - GINT STD US LAB.GDT - 9/28/12 15.03 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINT\PROJECTS\12GC012 C-1 FENCE REPAIR.GPJ



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BORING NUMBER BH-2

PAGE 2 OF 2

CLIENT Michael Baker, Jr., Inc.

PROJECT NAME C-1 Fence Repair

PROJECT NUMBER 12GC012

PROJECT LOCATION Winterhaven, CA

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	BLOW COUNTS (N VALUE)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION
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(b) (7)(E), (b) (5)

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 9/26/12 15.03 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINT\PROJECTS\12GC012 C-1 FENCE REPAIR.GPJ



Nicklaus Engineering, Inc.
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BORING NUMBER BH-3

PAGE 1 OF 2

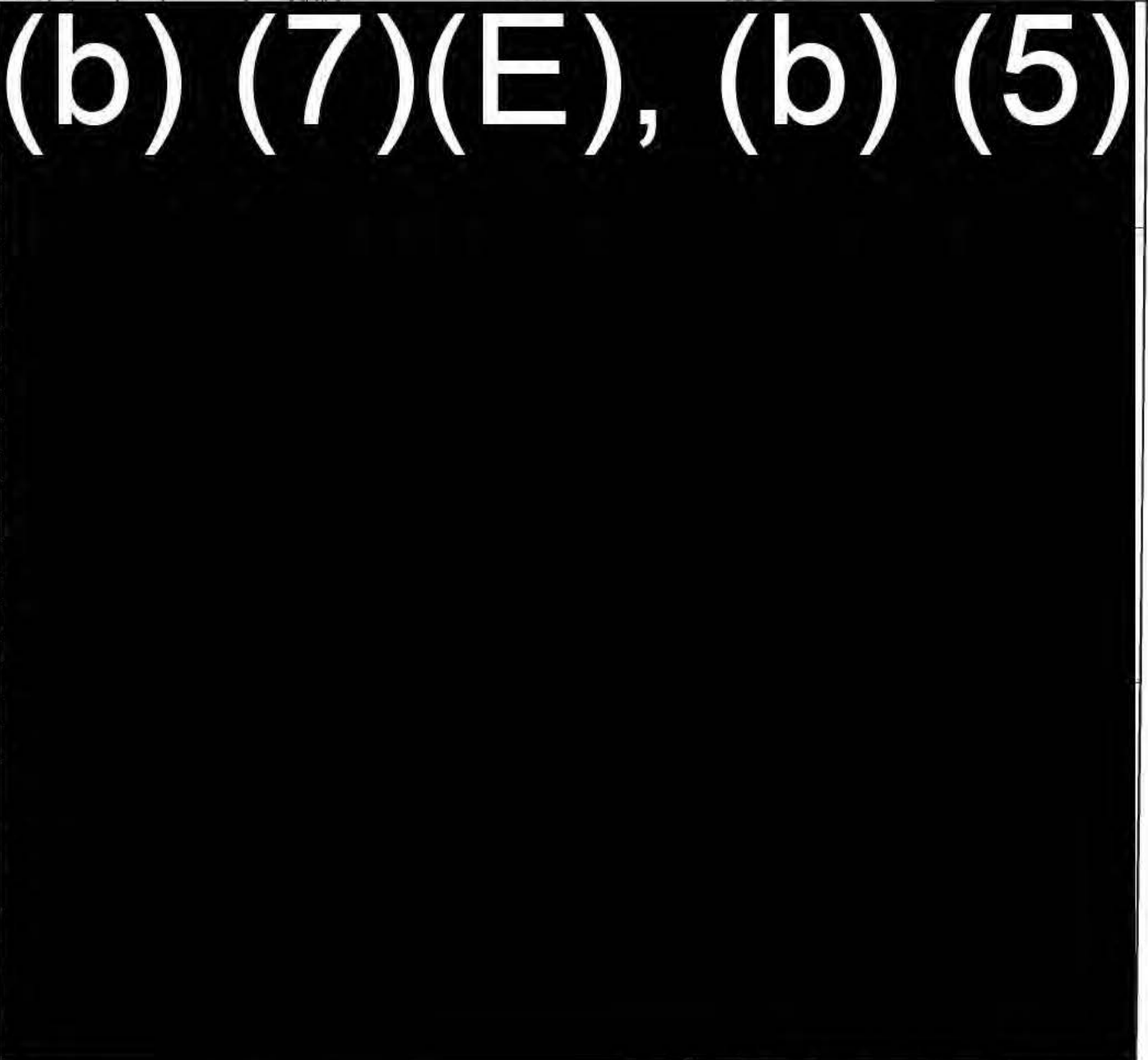
CLIENT Michael Baker, Jr., Inc. PROJECT NAME C-1 Fence Repair

PROJECT NUMBER 12GC012 PROJECT LOCATION Winterhaven, CA

DATE STARTED 9/10/12 COMPLETED 9/10/12 GROUND ELEVATION _____ HOLE SIZE 6 inches

DRILLING CONTRACTOR Pacific Drilling GROUND WATER LEVELS:
 DRILLING METHOD Hollow Stem Auger AT TIME OF DRILLING 28.00 ft at time of drilling
 LOGGED BY GCE CHECKED BY (b) (6) AT END OF DRILLING —
 NOTES Boring Location: (b) (7)(E) AFTER DRILLING —

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	BLOW COUNTS (N VALUE)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION
0						



GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 9/26/12 15:03 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINT\PROJECTS\12GC012 C-1 FENCE REPAIR.GPJ



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BORING NUMBER BH-3

PAGE 2 OF 2

CLIENT Michael Baker, Jr., Inc.

PROJECT NAME C-1 Fence Repair

PROJECT NUMBER 12GC012

PROJECT LOCATION Winterhaven, CA

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	BLOW COUNTS (N VALUE)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION
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(b) (7)(E), (b) (5)

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 9/26/12 15:03 - C:\USERS\PUBLIC\DOCUMENTS\GINT\PROJECTS\12GC012 C-1 FENCE REPAIR.GPJ



Nicklaus Engineering, Inc.
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 Telephone: 928-344-8374
 Fax: 928-726-6994

BORING NUMBER BH-4

PAGE 1 OF 2

CLIENT Michael Baker, Jr., Inc. PROJECT NAME C-1 Fence Repair
 PROJECT NUMBER 12GC012 PROJECT LOCATION Winterhaven, CA
 DATE STARTED 9/10/12 COMPLETED 9/10/12 GROUND ELEVATION _____ HOLE SIZE 6 inches
 DRILLING CONTRACTOR Pacific Drilling GROUND WATER LEVELS:
 DRILLING METHOD Hollow Stem Auger AT TIME OF DRILLING 20.00 ft at time of drilling
 LOGGED BY GCE CHECKED BY (b) (6) AT END OF DRILLING —
 NOTES Boring Location: (b) (7)(E) AFTER DRILLING —

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	BLOW COUNTS (N VALUE)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION
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(b) (7)(E), (b) (5)

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 8/26/12 15:03 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINT\PROJECTS\12GC012 C-1 FENCE REPAIR.GPJ



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BORING NUMBER BH-4

PAGE 2 OF 2

CLIENT Michael Baker, Jr., Inc.

PROJECT NAME C-1 Fence Repair

PROJECT NUMBER 12GC012

PROJECT LOCATION Winterhaven, CA

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	BLOW COUNTS (N VALUE)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION
(b) (7)(E), (b) (5)						

GENERAL_BH / TP / WELL - GINT STD US LAB.GDT - 9/26/12 15:03 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINT\PROJECTS\12GC012 C-1 FENCE REPAIR.GPJ

PRELIMINARY SCREENING FOR CORROSIVITY

Table of General Guidelines

MATERIAL AFFECTED	CHEMICAL AGENT	AMOUNT IN SOIL (PPM)	DEGREE OF CORROSIVITY
CONCRETE	Soluble Sulfates	0 - 1,000	Low
		1,000 - 2,000	Moderate
		2,000 - 20,000	Severe
		>20,000	Very Severe
MATERIAL AFFECTED	CHEMICAL AGENT	AMOUNT IN SOIL (PPM)	DEGREE OF CORROSIVITY
NORMAL GRADE STEEL	Soluble Chlorides	0 - 200	Low
		200 - 700	Moderate
		700 - 1,500	Severe
		>1,500	Very Severe
MATERIAL AFFECTED	CHEMICAL AGENT	AMOUNT IN SOIL (PPM)	DEGREE OF CORROSIVITY
NORMAL GRADE STEEL	Resistivity	1 - 1,000	Very Severe
		1,000 - 2,000	Severe
		2,000 - 10,000	Moderate
		>10,000	Low

Chemical Analysis

SITE DESIGNATION	pH	Resistivity (ohm-cm)	Chloride (ppm)	Sulfate (ppm)
<i>C-1 Border Fence (Borehole #2)</i>	9.34	2,200	80	188

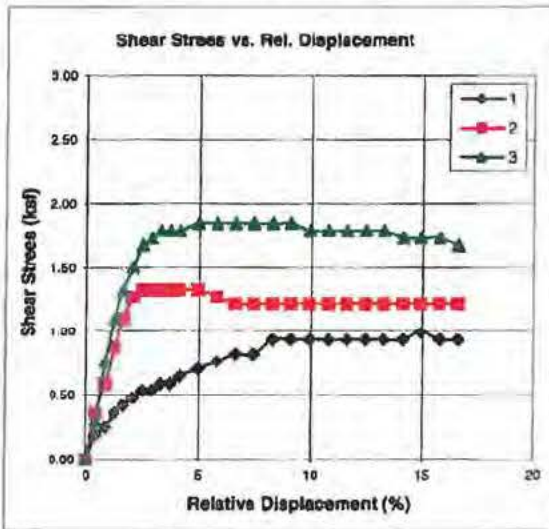
LANDMARK CONSULTANTS, INC.

CLIENT: Gutierrez Canales Engineering
PROJECT: 2012 Material Testing
PROJECT No: LE12002

DATE: 9/14/2012

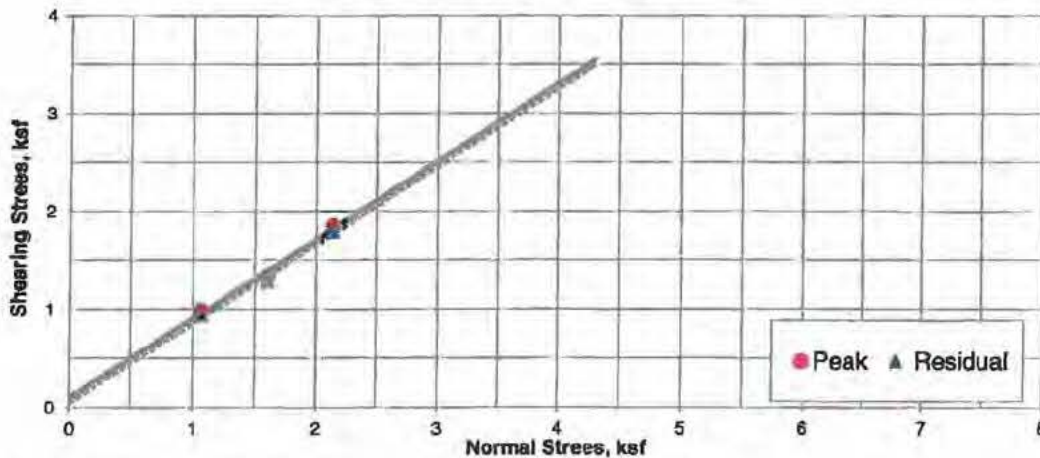
DIRECT SHEAR TEST - INSITU (ASTM D3080)

SAMPLE LOCATION: C-1-B @ 2.5-4.0 ft
SAMPLE DESCRIPTION: Gravely Sand (SP)



Specimen:		1	2	3	Avg.
Initial	Moisture Content, %:	5.3	5.3	5.3	5.3
	Dry Density, pcf:	128.0	128.1	127.7	127.9
	Saturation, %:	48	48	48	
Final	Moisture Content, %:	15.7	14.0	15.2	
	Dry Density, pcf:	123.2	126.5	129.2	
	Saturation, %:	121	120	144	
Normal Stress, ksf:		1.07	1.61	2.15	
Peak Shear Stress, ksf:		0.99	1.33	1.85	
Residual Shear Stress, ksf:		0.93	1.28	1.79	
Deformation Rate, in./min.		0.01	0.01	0.01	
Angle of Internal Friction, deg.:		Peak	Residual		
		39	39		
Cohesion, ksf:		0.10	0.04		

DIRECT SHEAR TEST RESULTS



LANDMARK
 Geo-Engineers and Geologists
PROJECT No: LE12002

**Direct Shear
 Test Results**

**Plate
 C-1**

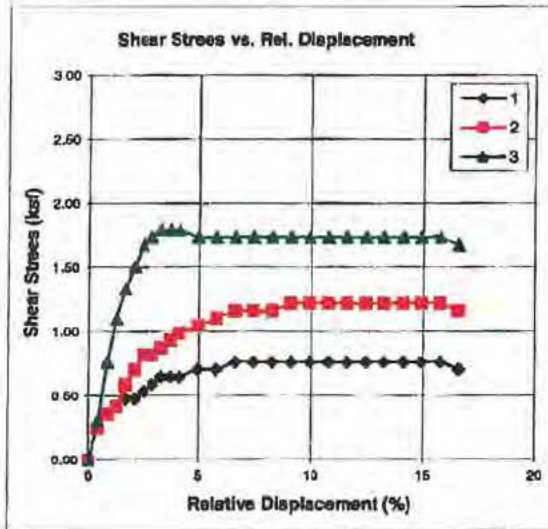
LANDMARK CONSULTANTS, INC.

CLIENT: Gutierrez Canales Engineering
PROJECT: 2012 Material Testing
PROJECT No: LE12002

DATE: 9/14/2012

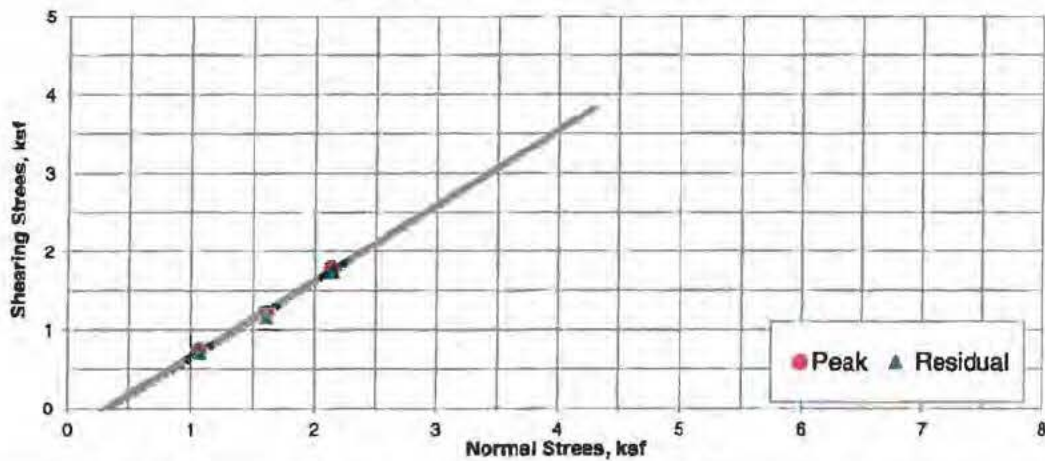
DIRECT SHEAR TEST - INSITU (ASTM D3080)

SAMPLE LOCATION: C-1-C @ 5-6.5 ft
SAMPLE DESCRIPTION: Gravely Sand (SP)



Specimen:		1	2	3	Avg.
Initial	Moisture Content, %:	5.5	5.5	5.5	5.5
	Dry Density, pcf:	128.3	128.6	128.0	128.3
	Saturation, %:	50	51	50	
Final	Moisture Content, %:	15.7	15.5	14.8	
	Dry Density, pcf:	122.3	127.6	123.9	
	Saturation, %:	117	138	117	
Normal Stress, ksf:		1.07	1.61	2.15	
Peak Shear Stress, ksf:		0.76	1.22	1.79	
Residual Shear Stress, ksf:		0.7	1.16	1.74	
Deformation Rate, in./min.		0.01	0.01	0.01	
Angle of Internal Friction, deg.:		Peak	Residual		
		44	44		
Cohesion, ksf:		0.00	0.00		

DIRECT SHEAR TEST RESULTS



LANDMARK
 Geo-Engineers and Geologists
PROJECT No: LE12002

**Direct Shear
 Test Results**

**Plate
 C-2**

C-1 Fence Repair
Michael Baker, Jr., Inc.

12GC012

MOISTURE-DENSITY COMPACTION TEST

ASTM D 1557-02

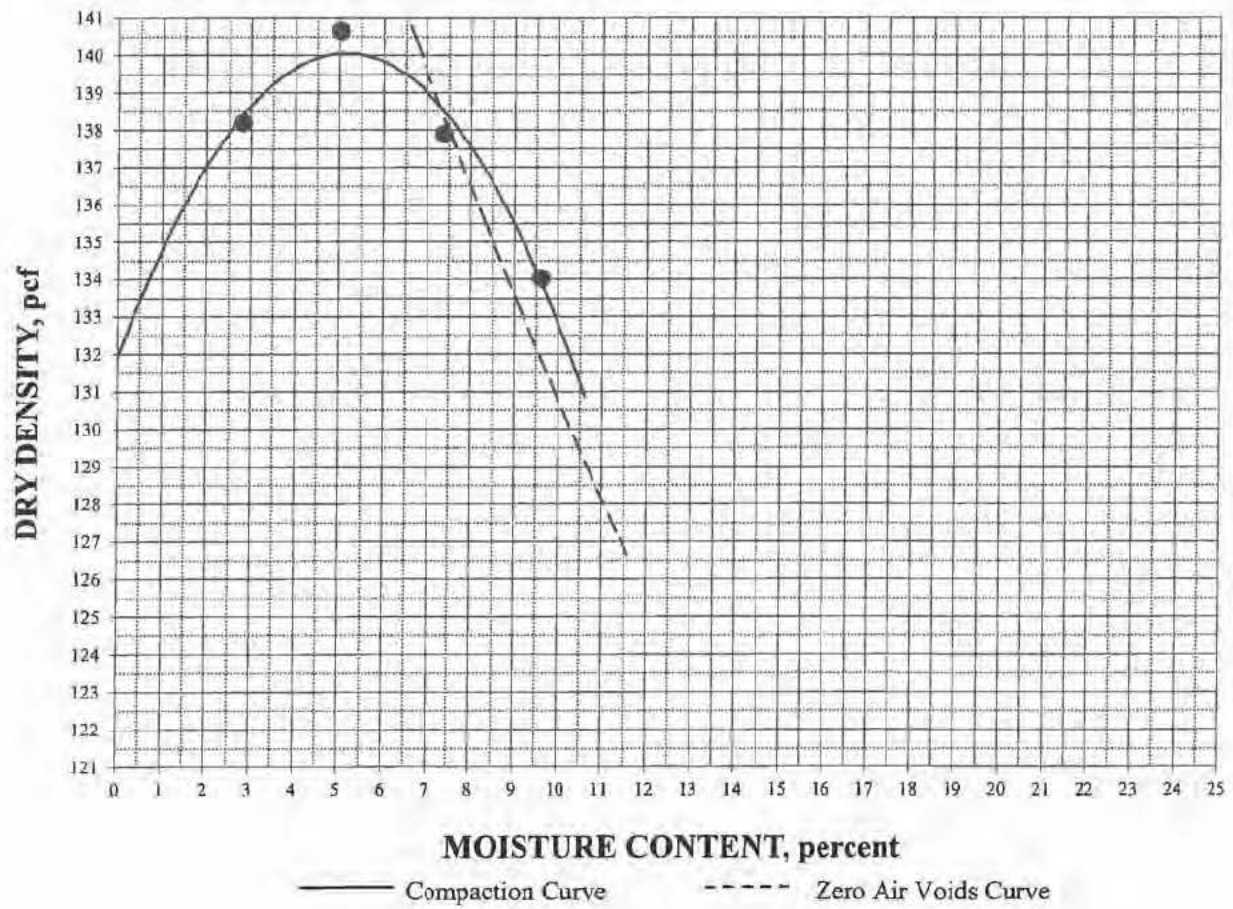
PROCEDURE USED: C
PREPARATION METHOD: Moist
RAMMER TYPE: Mechanical
SPECIFIC GRAVITY: 2.65 (assumed)

September 20, 2012
Boring #1; S-1 @ 1.0 - 3.0'
Brown Silty Gravel with Sand (GM)

SIEVE DATA:

Sieve Size	% Retained
3/4"	12
3/8"	18
#4	21

MAXIMUM DRY DENSITY: 140.0 pcf
OPTIMUM MOISTURE: 5.0%
OVERSIZE PARTICLE CORRECTION (ASTM D 4718)
CORRECTED MAXIMUM DENSITY: 142.0 pcf
CORRECTED OPTIMUM MOISTURE: 4.5 %



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #1; S-1 @ 0.0 - 1.0'

September 20, 2012

Light Brown Silty Gravel with Sand (GM)

Specific Gravity = 2.65 (assumed)

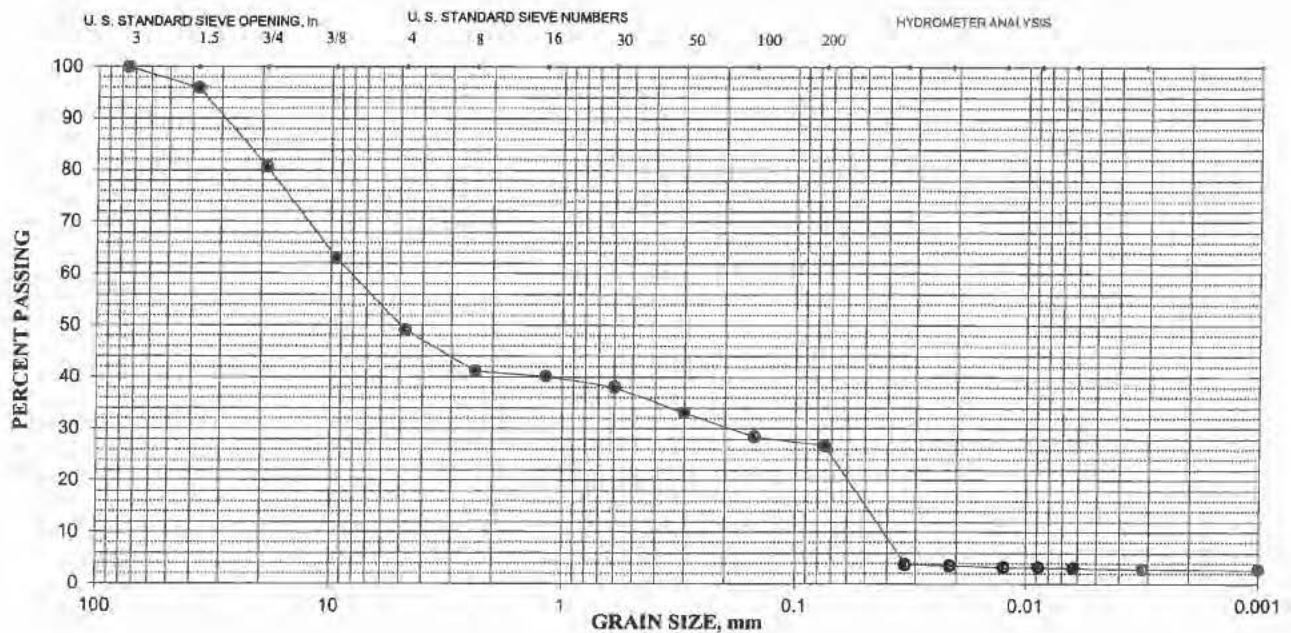
LL = 0; PL = 0; PI = 0

Gravel = 51%; Sand = 22%; Silt = 24%; Clay = 3%

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	4	96
3/4" (19.0-mm)	19	81
3/8" (9.5-mm)	37	63
#4 (4.75-mm)	51	49
#8 (2.36-mm)	59	41
#16 (1.18-mm)	60	40
#30 (600- μ m)	62	38
#50 (300- μ m)	67	33
#100 (150- μ m)	72	28
#200 (75- μ m)	73	27

Hydrometer Analysis

33- μ m	4
21- μ m	4
12- μ m	3
9- μ m	3
6- μ m	3
3.2- μ m	3
Colloids (<1- μ m)	3



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

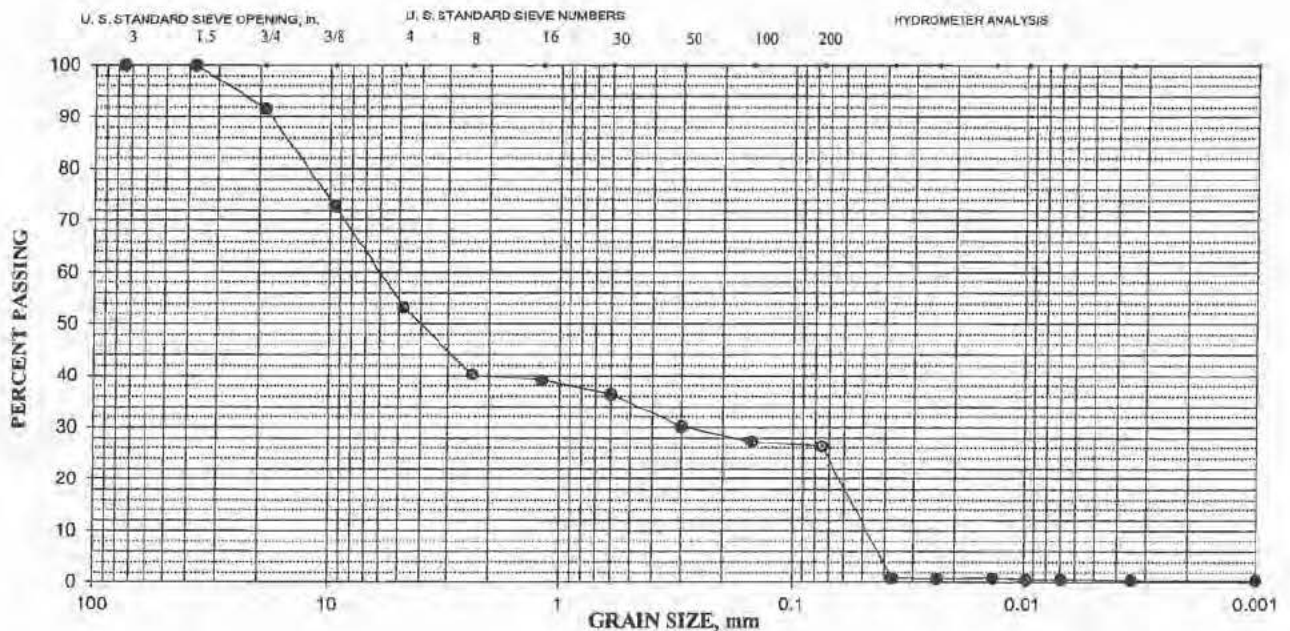
Boring #1; S-2 @ 1.0 - 6.5'
 Light Brown Silty Gravel with Sand (GM)
 LL = 0; PL = 0; PI = 0

September 20, 2012
 Specific Gravity = 2.65 (assumed)
 Gravel = 47%; Sand = 27%; Silt = 26%; Clay = 0%

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	0	100
3/4" (19.0-mm)	8	92
3/8" (9.5-mm)	27	73
#4 (4.75-mm)	47	53
#8 (2.36-mm)	60	40
#16 (1.18-mm)	61	39
#30 (600- μ m)	64	36
#50 (300- μ m)	70	30
#100 (150- μ m)	73	27
#200 (75- μ m)	74	26

Hydrometer Analysis

37- μ m	1
24- μ m	1
14- μ m	1
10- μ m	0
7- μ m	0
3.4- μ m	0
Colloids (<1- μ m)	0



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

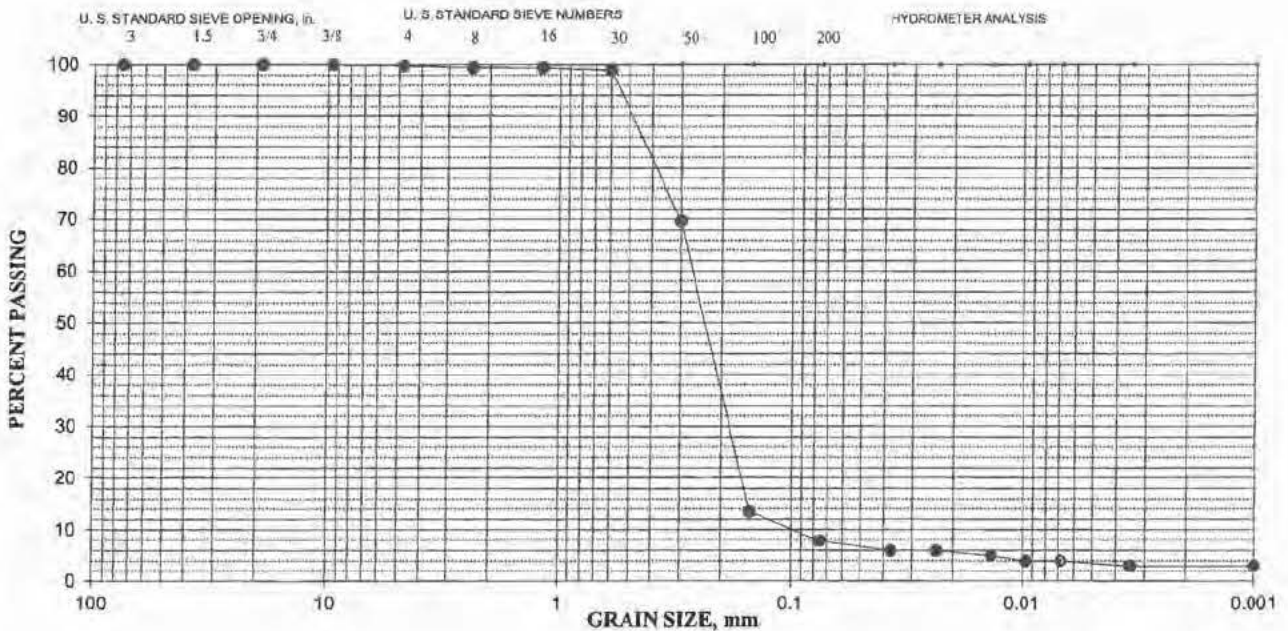
Boring #1; S-3 @ 6.5 - 11.5'
 Light Brown Poorly Graded Sand with Silt (SP-SM)
 LL = 0; PL = 0; PI = 0

September 20, 2012
 Specific Gravity = 2.65 (assumed)
 Gravel = 0%; Sand = 92%; Silt = 5%; Clay = 3%
 Cu = 2.7; Cc = 1.3

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	0	100
3/4" (19.0-mm)	0	100
3/8" (9.5-mm)	0	100
#4 (4.75-mm)	0	100
#8 (2.36-mm)	1	99
#16 (1.18-mm)	1	99
#30 (600- μ m)	1	99
#50 (300- μ m)	30	70
#100 (150- μ m)	87	13
#200 (75- μ m)	92	8

Hydrometer Analysis

37- μ m	6
23- μ m	6
14- μ m	5
10- μ m	4
7- μ m	4
3.4- μ m	3
Colloids (<1- μ m)	3



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #1; S-4 @ 11.5 - 16.5'
 Light Brown Silty Sand (SM)
 LL = 0; PL = 0; PI = 0

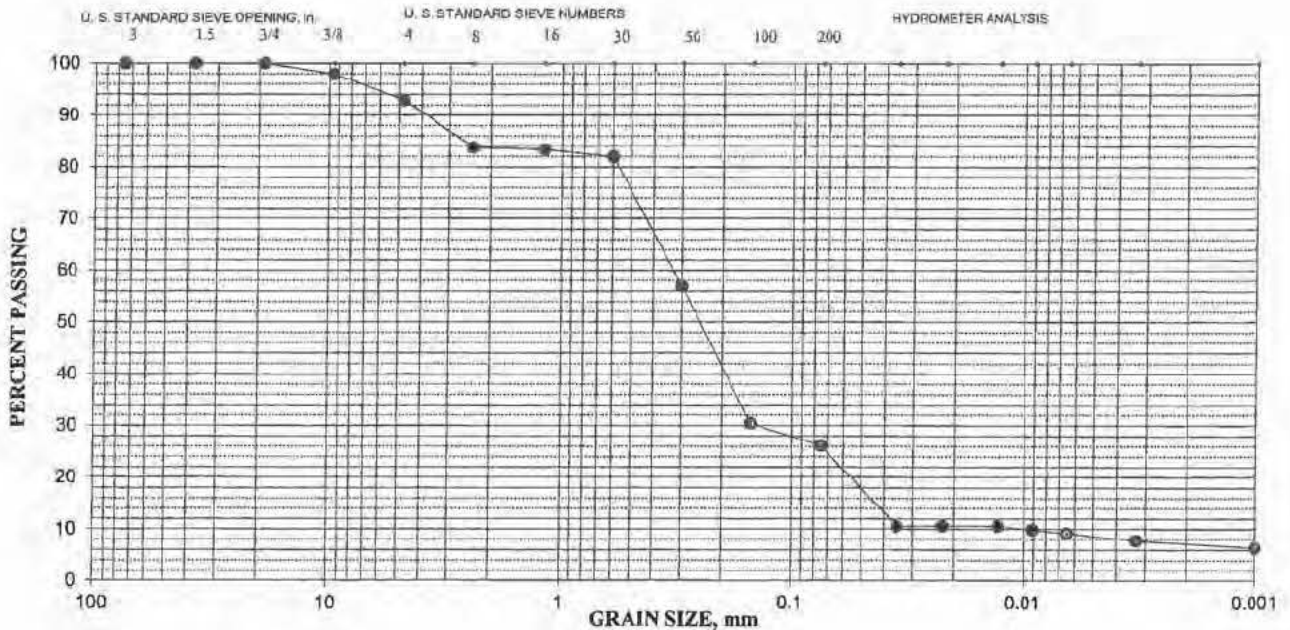
September 20, 2012

Specific Gravity = 2.65 (assumed)
 Gravel = 7%; Sand = 67%; Silt = 18%; Clay = 8%

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	0	100
3/4" (19.0-mm)	0	100
3/8" (9.5-mm)	2	98
#4 (4.75-mm)	7	93
#8 (2.36-mm)	16	84
#16 (1.18-mm)	17	83
#30 (600- μ m)	18	82
#50 (300- μ m)	43	57
#100 (150- μ m)	70	30
#200 (75- μ m)	74	26

Hydrometer Analysis

35- μ m	11
22- μ m	11
13- μ m	11
9- μ m	10
6- μ m	9
3.3- μ m	8
Colloids (<1- μ m)	6



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #2; S-6 @ 0.0 - 1.0'

September 20, 2012

Light Brown Silty Gravel (GM)

Specific Gravity = 2.65 (assumed)

LL = 0; PL = 0; PI = 0

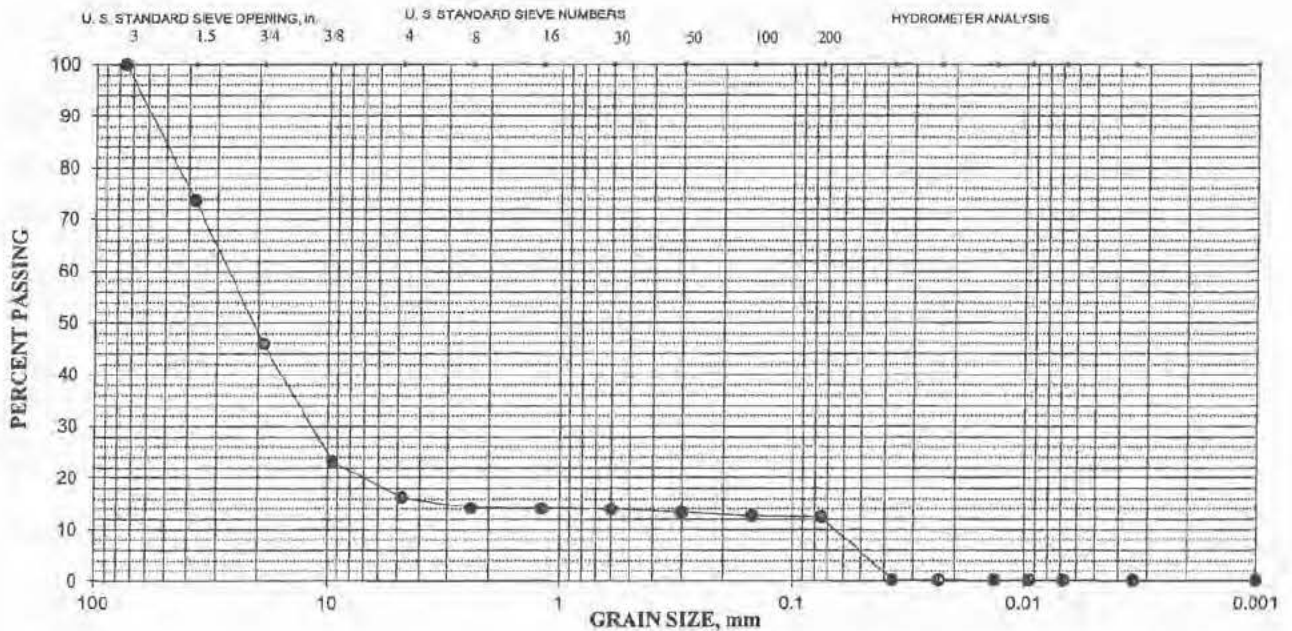
Gravel = 84%; Sand = 4%; Silt = 12%; Clay = 0%

Cu = 411.9; Cc = 78.6

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	26	74
3/4" (19.0-mm)	54	46
3/8" (9.5-mm)	77	23
#4 (4.75-mm)	84	16
#8 (2.36-mm)	86	14
#16 (1.18-mm)	86	14
#30 (600- μ m)	86	14
#50 (300- μ m)	87	13
#100 (150- μ m)	87	13
#200 (75- μ m)	88	12

Hydrometer Analysis

36- μ m	0
23- μ m	0
13- μ m	0
9- μ m	0
7- μ m	0
3.4- μ m	0
Colloids (<1- μ m)	0



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #2; S-8 @ 5.0 - 6.5'

September 20, 2012

Light Brown Silty Gravel with Sand (GM)

Specific Gravity = 2.65 (assumed)

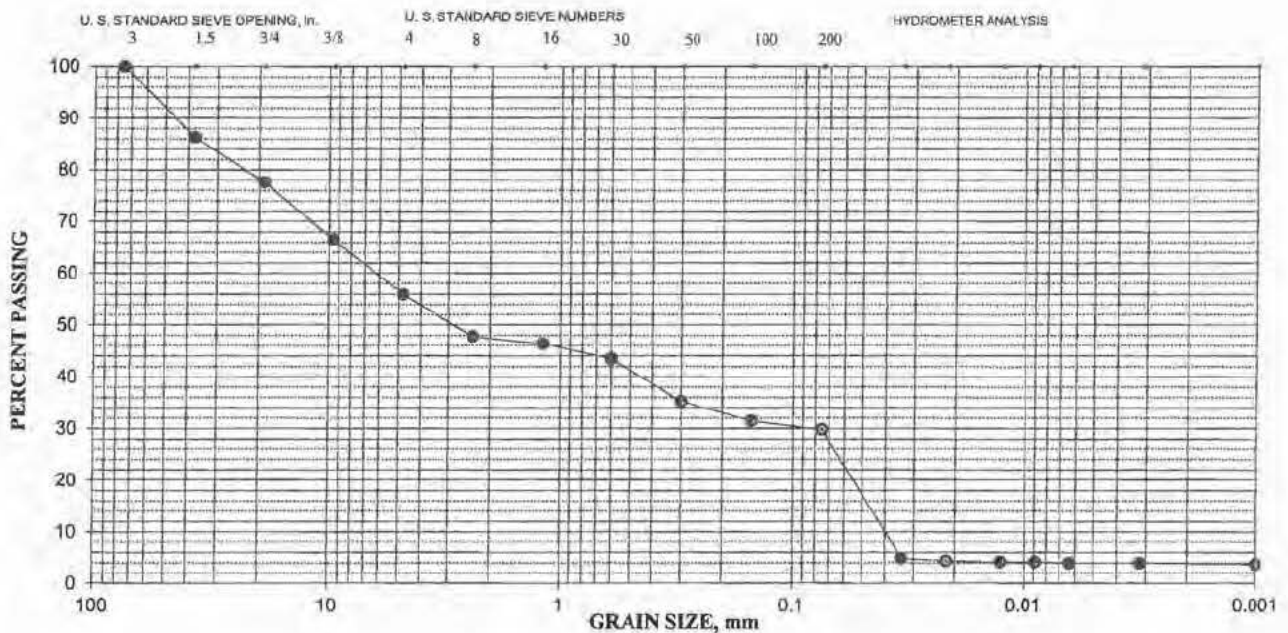
LL = 0; PL = 0; PI = 0

Gravel = 44%; Sand = 26%; Silt = 26%; Clay = 4%

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	14	86
3/4" (19.0-mm)	22	78
3/8" (9.5-mm)	34	66
#4 (4.75-mm)	44	56
#8 (2.36-mm)	52	48
#16 (1.18-mm)	54	46
#30 (600- μ m)	57	43
#50 (300- μ m)	65	35
#100 (150- μ m)	69	31
#200 (75- μ m)	70	30

Hydrometer Analysis

34- μ m	5
22- μ m	4
13- μ m	4
9- μ m	4
6- μ m	4
3.2- μ m	4
Colloids (<1- μ m)	4



PARTICLE-SIZE ANALYSIS of SOILS

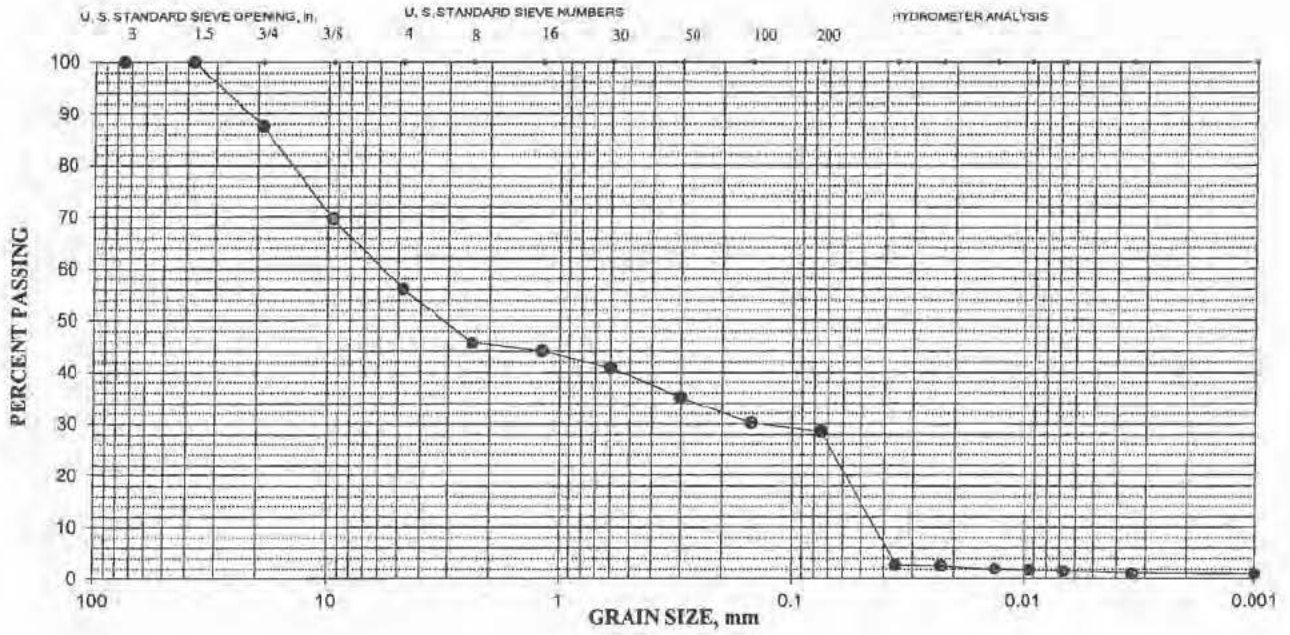
ASTM D 422-02

Boring #2; S-9 @ 6.5 - 11.5'
 Light Brown Silty Gravel with Sand (GM)
 LL = 0; PL = 0; PI = 0

September 20, 2012
 Specific Gravity = 2.65 (assumed)
 Gravel = 44%; Sand = 27%; Silt = 28%; Clay = 1%

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	0	100
3/4" (19.0-mm)	12	88
3/8" (9.5-mm)	30	70
#4 (4.75-mm)	44	56
#8 (2.36-mm)	54	46
#16 (1.18-mm)	56	44
#30 (600- μ m)	59	41
#50 (300- μ m)	65	35
#100 (150- μ m)	70	30
#200 (75- μ m)	71	29

Hydrometer Analysis	
35- μ m	3
23- μ m	3
13- μ m	2
9- μ m	2
7- μ m	1
3.4- μ m	1
Colloids (<1- μ m)	1



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #2; S-10 @ 11.5 - 16.5'

September 20, 2012

Light Brown Silty Gravel with Sand (GM)

Specific Gravity = 2.65 (assumed)

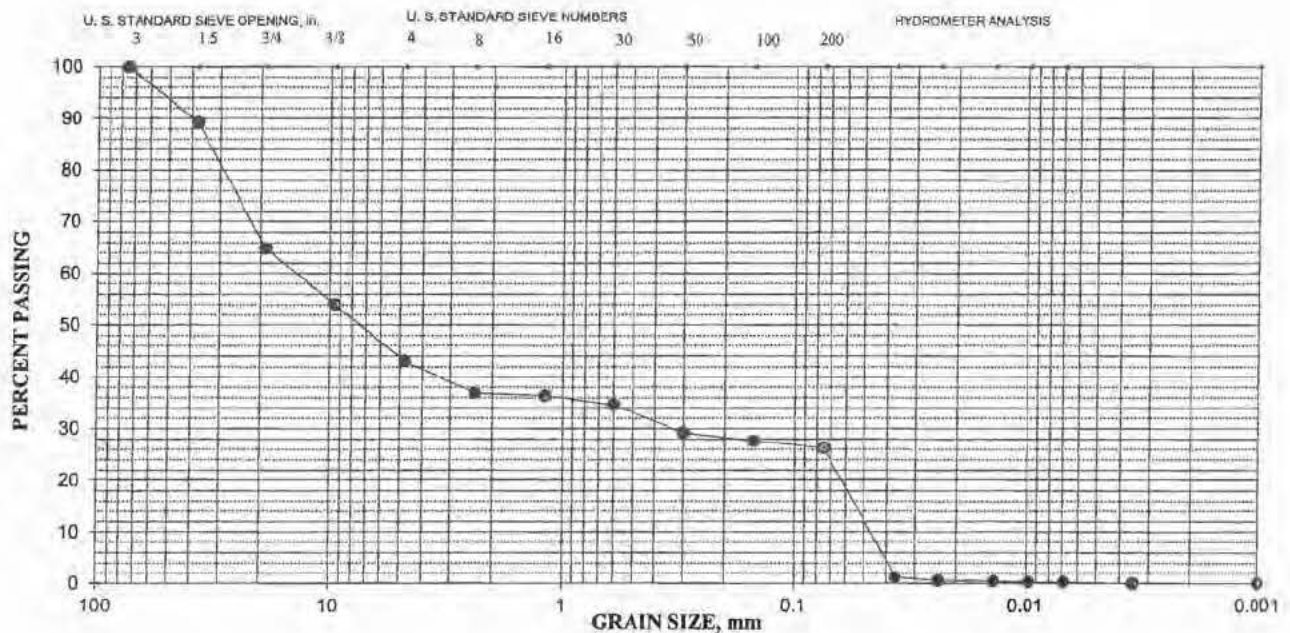
LL = 0; PL = 0; PI = 0

Gravel = 57%; Sand = 17%; Silt = 26%; Clay = 0%

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	11	89
3/4" (19.0-mm)	35	65
3/8" (9.5-mm)	46	54
#4 (4.75-mm)	57	43
#8 (2.36-mm)	63	37
#16 (1.18-mm)	64	36
#30 (600- μ m)	65	35
#50 (300- μ m)	71	29
#100 (150- μ m)	72	28
#200 (75- μ m)	74	26

Hydrometer Analysis

36- μ m	1
24- μ m	1
14- μ m	0
10- μ m	0
7- μ m	0
3.5- μ m	0
Colloids (<1- μ m)	0



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #2; S-11 @ 16.5 - 21.5'
 Light Brown Sandy Lean Clay (CL)
 LL = 27; PL = 8; PI = 19

September 20, 2012

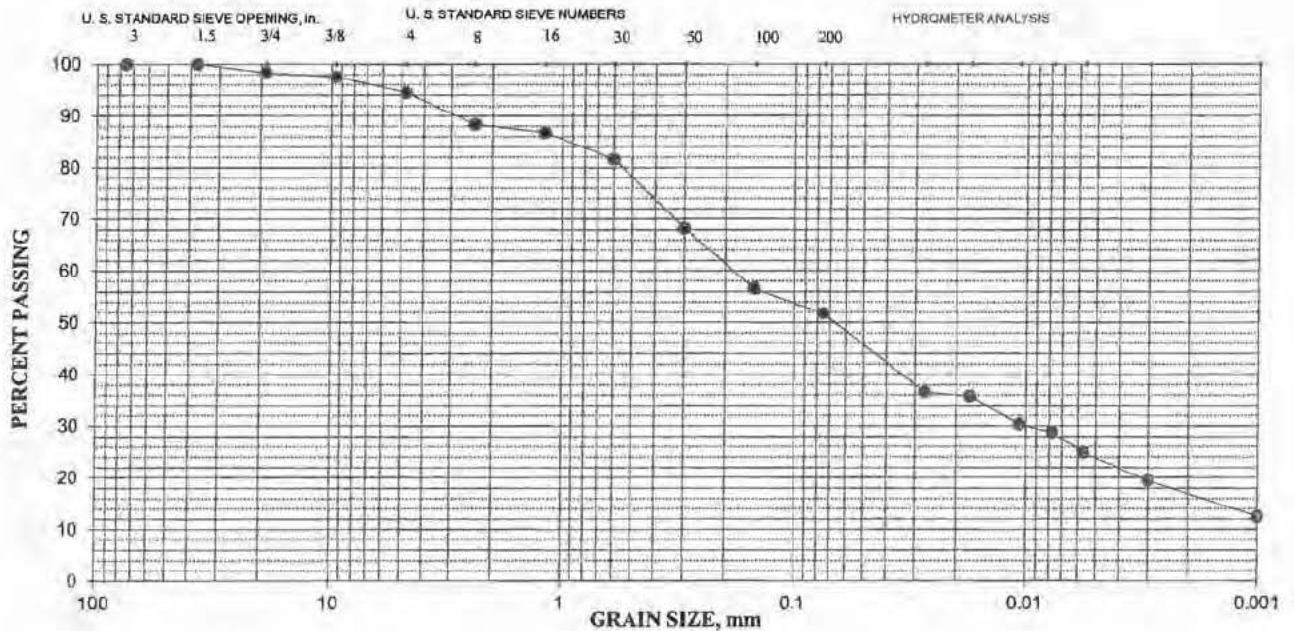
Specific Gravity = 2.65 (assumed)

Gravel = 6%; Sand = 42%; Silt = 33%; Clay = 19%

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	0	100
3/4" (19.0-mm)	2	98
3/8" (9.5-mm)	2	98
#4 (4.75-mm)	6	94
#8 (2.36-mm)	12	88
#16 (1.18-mm)	13	87
#30 (600- μ m)	18	82
#50 (300- μ m)	32	68
#100 (150- μ m)	43	57
#200 (75- μ m)	48	52

Hydrometer Analysis

27- μ m	37
17- μ m	36
11- μ m	30
8- μ m	29
6- μ m	25
3.0- μ m	19
Colloids (<1- μ m)	12



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #2; S-12 @ 21.5 - 26.5'

September 20, 2012

Light Brown Silty Sand with Gravel (SM)

Specific Gravity = 2.65 (assumed)

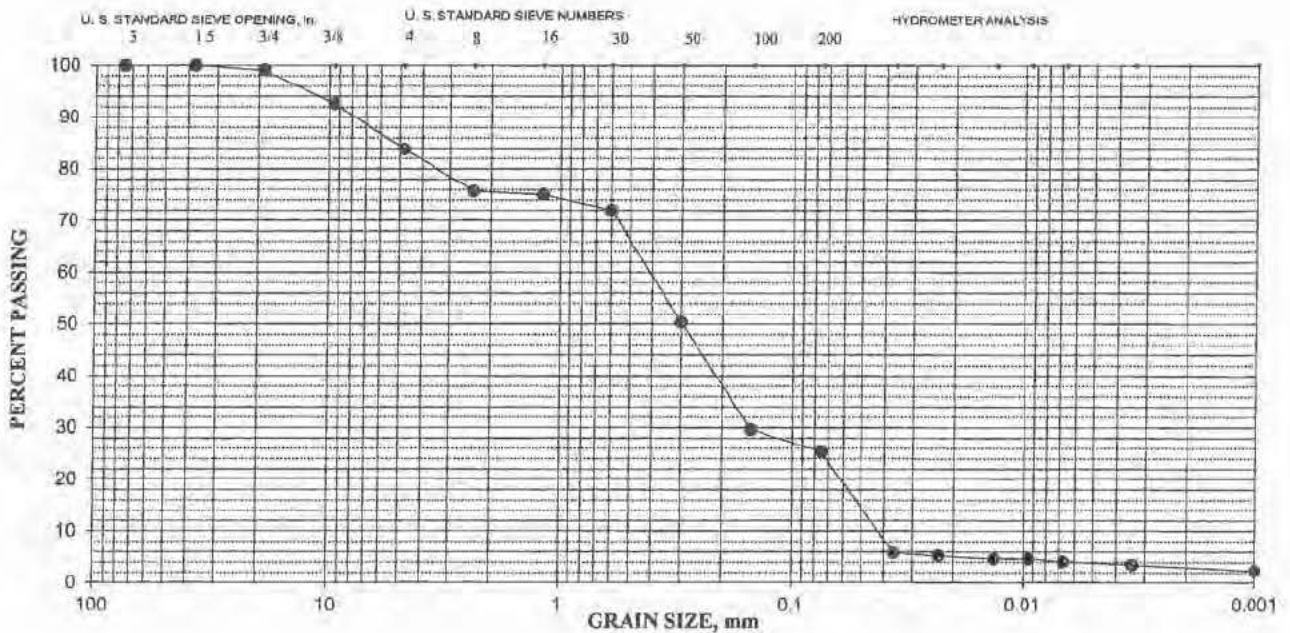
LL = 0; PL = 0; PI = 0

Gravel = 16%; Sand = 59%; Silt = 22%; Clay = 3%

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	0	100
3/4" (19.0-mm)	1	99
3/8" (9.5-mm)	7	93
#4 (4.75-mm)	16	84
#8 (2.36-mm)	24	76
#16 (1.18-mm)	25	75
#30 (600- μ m)	28	72
#50 (300- μ m)	50	50
#100 (150- μ m)	70	30
#200 (75- μ m)	75	25

Hydrometer Analysis

36- μ m	6
23- μ m	5
13- μ m	5
9- μ m	5
7- μ m	4
3.4- μ m	3
Colloids (<1- μ m)	2



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

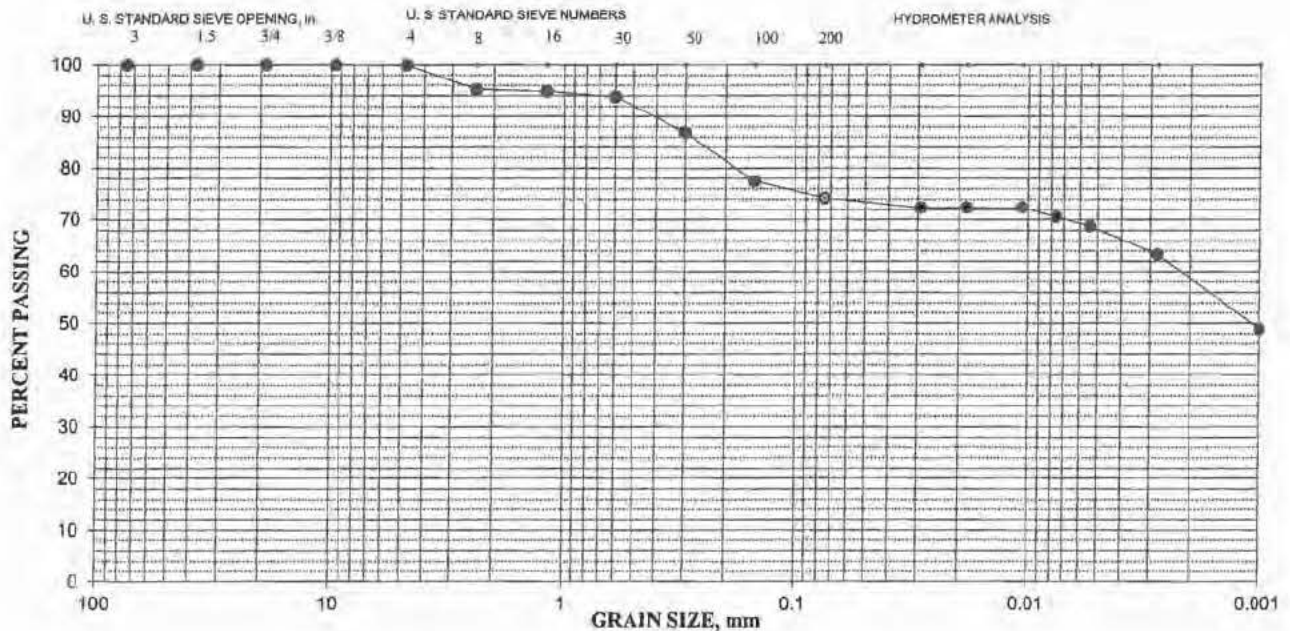
Boring #2; S-13 @ 26.5 - 31.5'
 Light Brown Lean Clay with Sand (CL)
 LL = 49; PL = 11; PI = 38

September 20, 2012
 Specific Gravity = 2.65 (assumed)
 Gravel = 0%; Sand = 26%; Silt = 11%; Clay = 63%

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	0	100
3/4" (19.0-mm)	0	100
3/8" (9.5-mm)	0	100
#4 (4.75-mm)	0	100
#8 (2.36-mm)	5	95
#16 (1.18-mm)	5	95
#30 (600- μ m)	6	94
#50 (300- μ m)	13	87
#100 (150- μ m)	23	77
#200 (75- μ m)	26	74

Hydrometer Analysis

29- μ m	72
18- μ m	72
11- μ m	72
8- μ m	71
5- μ m	69
2.8- μ m	63
Colloids (<1- μ m)	49



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #2; S-14 @ 31.5 - 36.5'

September 20, 2012

Light Brown Silty Sand (SM)

Specific Gravity = 2.65 (assumed)

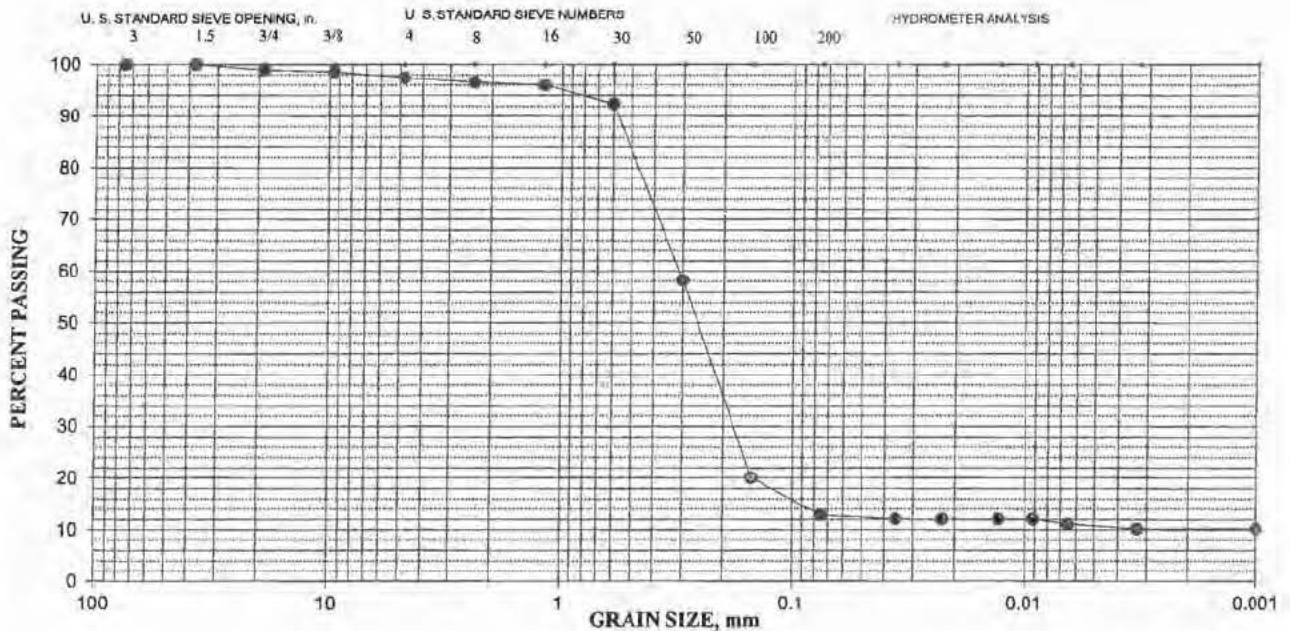
LL = 0; PL = 0; PI = 0

Gravel = 3%; Sand = 84%; Silt = 3%; Clay = 10%

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	0	100
3/4" (19.0-mm)	1	99
3/8" (9.5-mm)	1	99
#4 (4.75-mm)	3	97
#8 (2.36-mm)	4	96
#16 (1.18-mm)	4	96
#30 (600- μ m)	8	92
#50 (300- μ m)	42	58
#100 (150- μ m)	80	20
#200 (75- μ m)	87	13

Hydrometer Analysis

35- μ m	12
22- μ m	12
13- μ m	12
9- μ m	12
7- μ m	11
3.3- μ m	10
Colloids (<1- μ m)	10



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #2; S-15 @ 36.5 - 41.5'

September 20, 2012

Light Brown Poorly Graded Sand with Silt (SP-SM)

Specific Gravity = 2.65 (assumed)

LL = 0; PL = 0; PI = 0

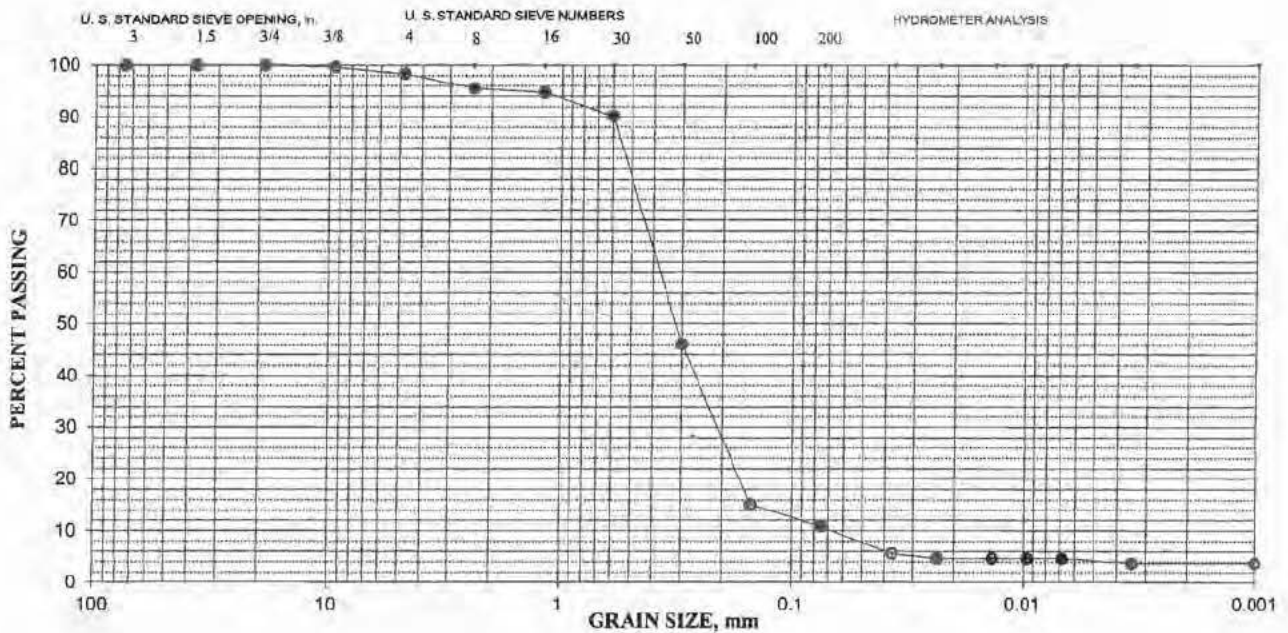
Gravel = 2%; Sand = 87%; Silt = 7%; Clay = 4%

Cu = 5.6; Cc = 1.7

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	0	100
3/4" (19.0-mm)	0	100
3/8" (9.5-mm)	0	100
#4 (4.75-mm)	2	98
#8 (2.36-mm)	4	96
#16 (1.18-mm)	5	95
#30 (600- μ m)	10	90
#50 (300- μ m)	54	46
#100 (150- μ m)	85	15
#200 (75- μ m)	89	11

Hydrometer Analysis

37- μ m	6
23- μ m	5
14- μ m	5
10- μ m	5
7- μ m	5
3.4- μ m	4
Colloids (<1- μ m)	4



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #3; S-16 @ 0.0 - 1.0'

September 20, 2012

Light Brown Silty Gravel (GM)

Specific Gravity = 2.65 (assumed)

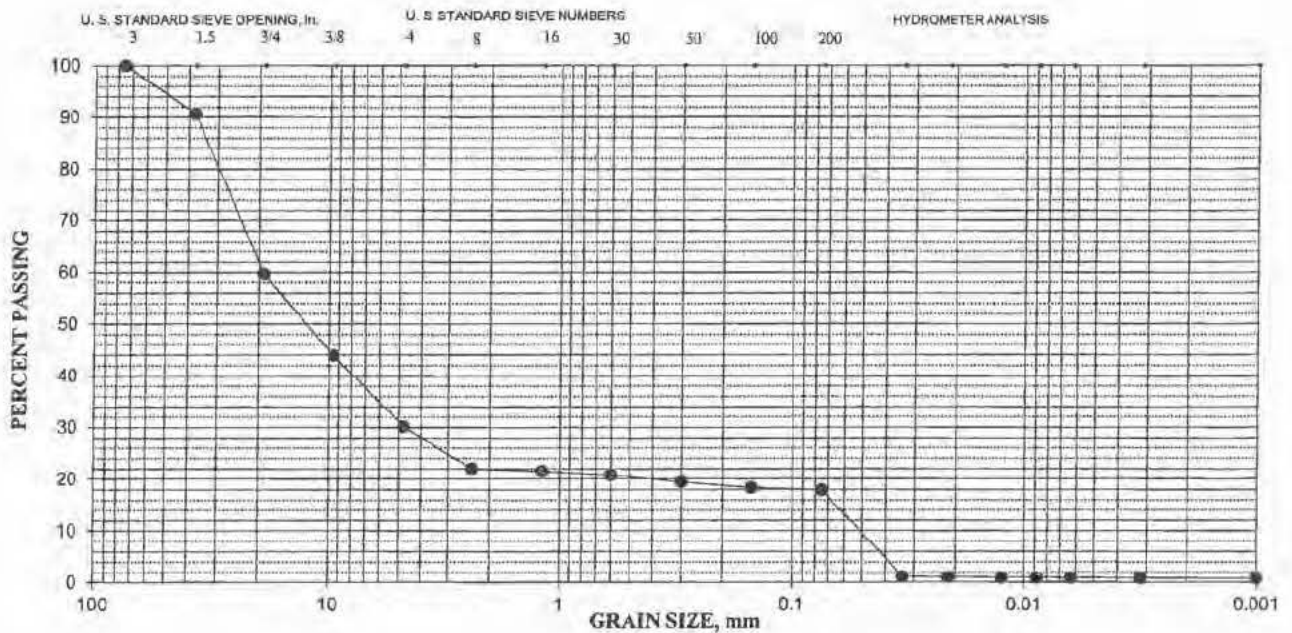
LL = 0; PL = 0; PI = 0

Gravel = 70%; Sand = 12%; Silt = 17%; Clay = 1%

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	9	91
3/4" (19.0-mm)	40	60
3/8" (9.5-mm)	56	44
#4 (4.75-mm)	70	30
#8 (2.36-mm)	78	22
#16 (1.18-mm)	78	22
#30 (600- μ m)	79	21
#50 (300- μ m)	81	19
#100 (150- μ m)	82	18
#200 (75- μ m)	82	18

Hydrometer Analysis

33- μ m	1
21- μ m	1
12- μ m	1
9- μ m	1
6- μ m	1
3.2- μ m	1
Colloids (<1- μ m)	1



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #3; S-17 @ 1.0 - 5.0'

September 20, 2012

Light Brown Silty Gravel with Sand (GM)

Specific Gravity = 2.65 (assumed)

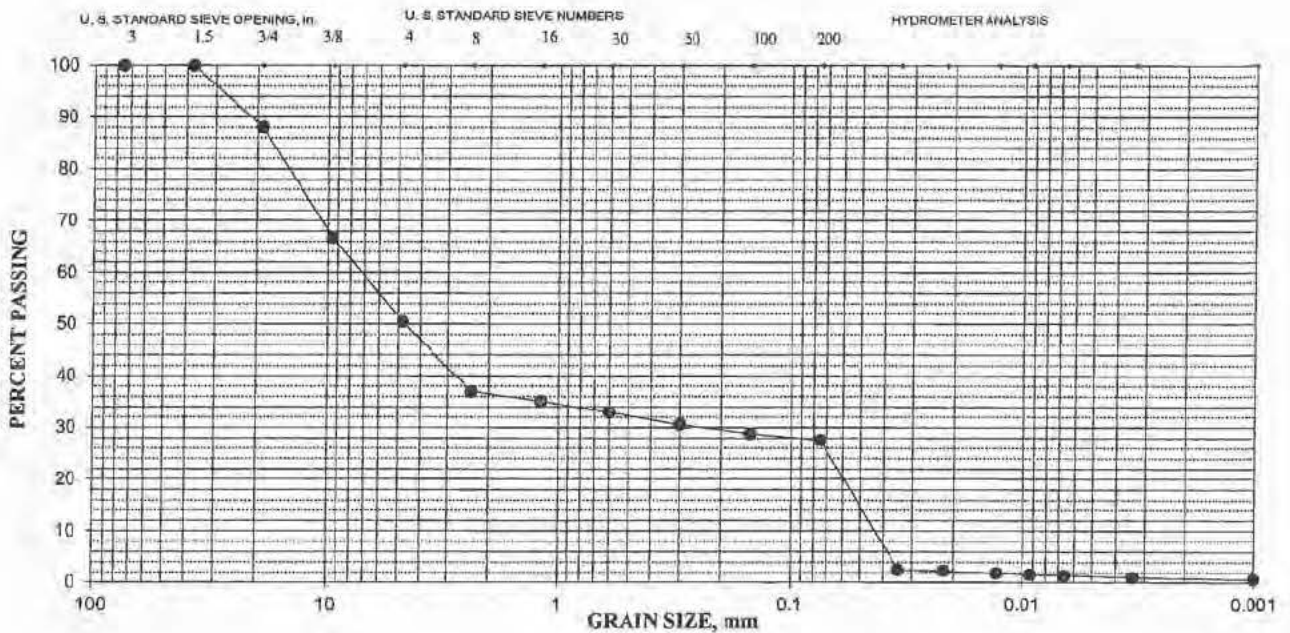
LL = 0; PL = 0; PI = 0

Gravel = 50%; Sand = 22%; Silt = 27%; Clay = 1%

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	0	100
3/4" (19.0-mm)	12	88
3/8" (9.5-mm)	33	67
#4 (4.75-mm)	50	50
#8 (2.36-mm)	63	37
#16 (1.18-mm)	65	35
#30 (600- μ m)	67	33
#50 (300- μ m)	69	31
#100 (150- μ m)	71	29
#200 (75- μ m)	72	28

Hydrometer Analysis

34- μ m	2
22- μ m	2
13- μ m	2
9- μ m	2
7- μ m	1
3.4- μ m	1
Colloids (<1- μ m)	1



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #3; S-18 @ 5.0 - 10.0'

September 20, 2012

Light Brown Poorly Graded Gravel with Silt and Sand (GP-GM)

Specific Gravity = 2.65 (assumed)

LL = 0; PL = 0; PI = 0

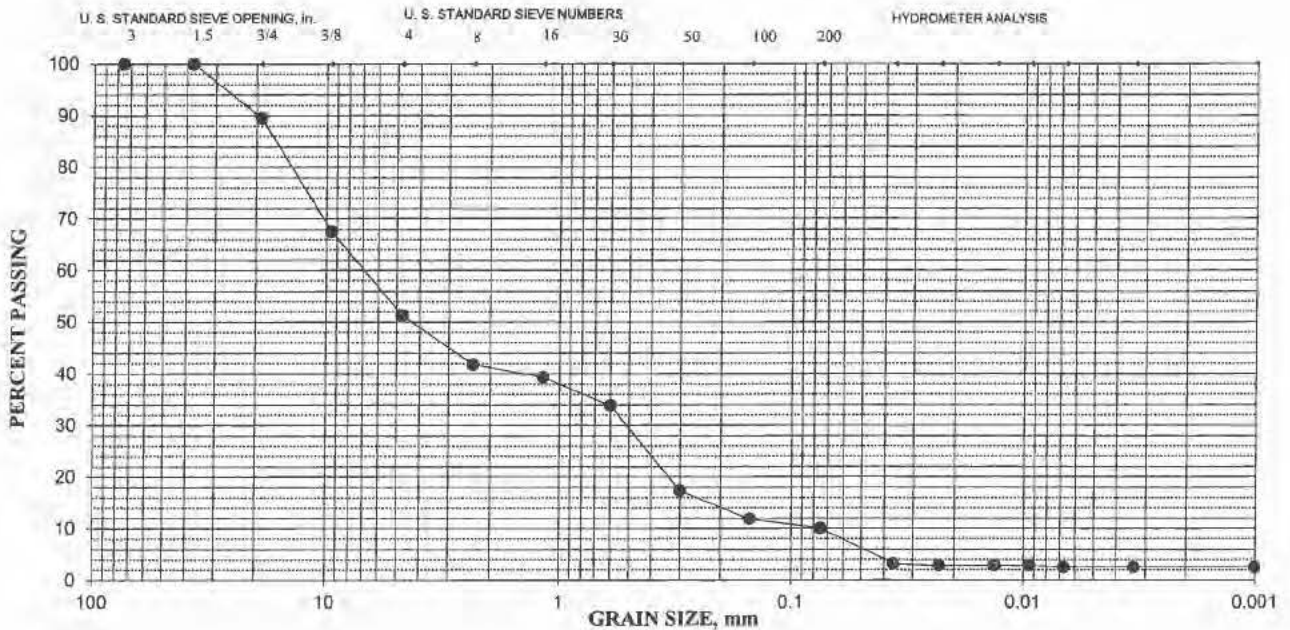
Gravel = 49%; Sand = 41%; Silt = 8%; Clay = 2%

Cu = 91.9; Cc = 0.5

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	0	100
3/4" (19.0-mm)	11	89
3/8" (9.5-mm)	32	68
#4 (4.75-mm)	49	51
#8 (2.36-mm)	58	42
#16 (1.18-mm)	61	39
#30 (600- μ m)	66	34
#50 (300- μ m)	83	17
#100 (150- μ m)	88	12
#200 (75- μ m)	90	10

Hydrometer Analysis

36- μ m	3
23- μ m	3
13- μ m	3
9- μ m	3
7- μ m	2
3.4- μ m	2
Colloids (<1- μ m)	2



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #3; S-19 @ 10.0 - 15.0'

September 20, 2012

Light Brown Silty Gravel with Sand (GM)

Specific Gravity = 2.65 (assumed)

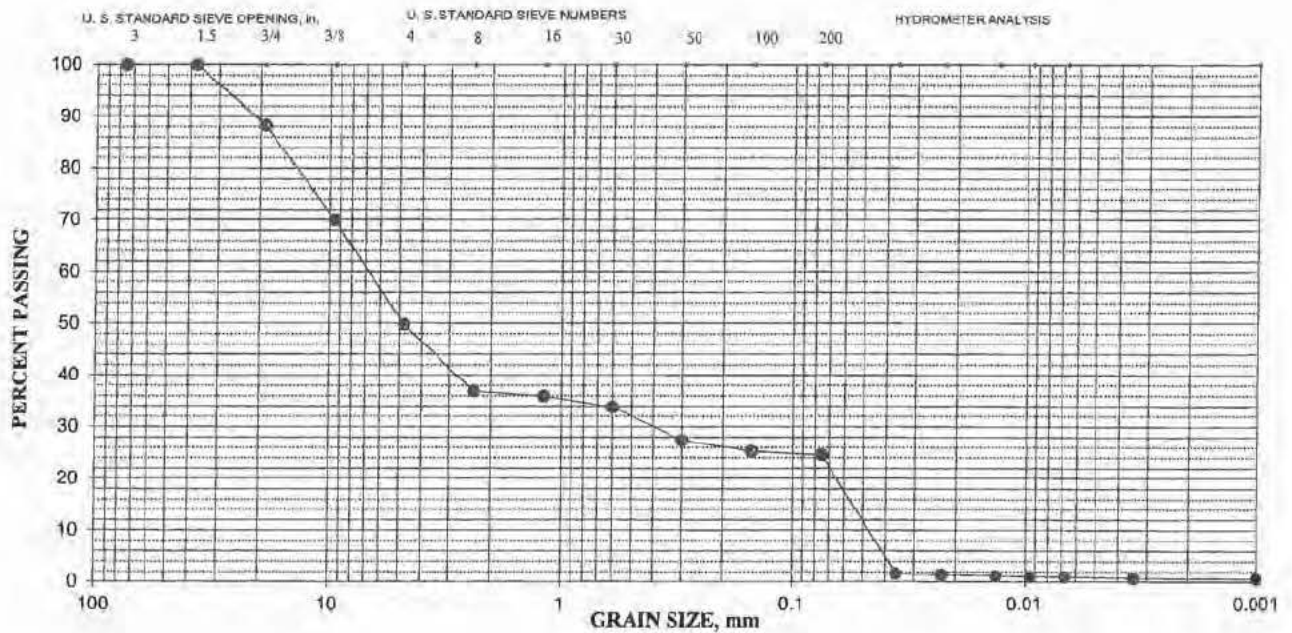
LL = 0; PL = 0; PI = 0

Gravel = 50%; Sand = 25%; Silt = 24%; Clay = 1%

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	0	100
3/4" (19.0-mm)	12	88
3/8" (9.5-mm)	30	70
#4 (4.75-mm)	50	50
#8 (2.36-mm)	63	37
#16 (1.18-mm)	64	36
#30 (600- μ m)	66	34
#50 (300- μ m)	73	27
#100 (150- μ m)	75	25
#200 (75- μ m)	75	25

Hydrometer Analysis

36- μ m	1
23- μ m	1
13- μ m	1
9- μ m	1
7- μ m	1
3.4- μ m	1
Colloids (<1- μ m)	1



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #3; S-20 @ 15.0 - 20.0'
 Light Brown Silty Gravel (GM)
 LL = 0; PL = 0; PI = 0

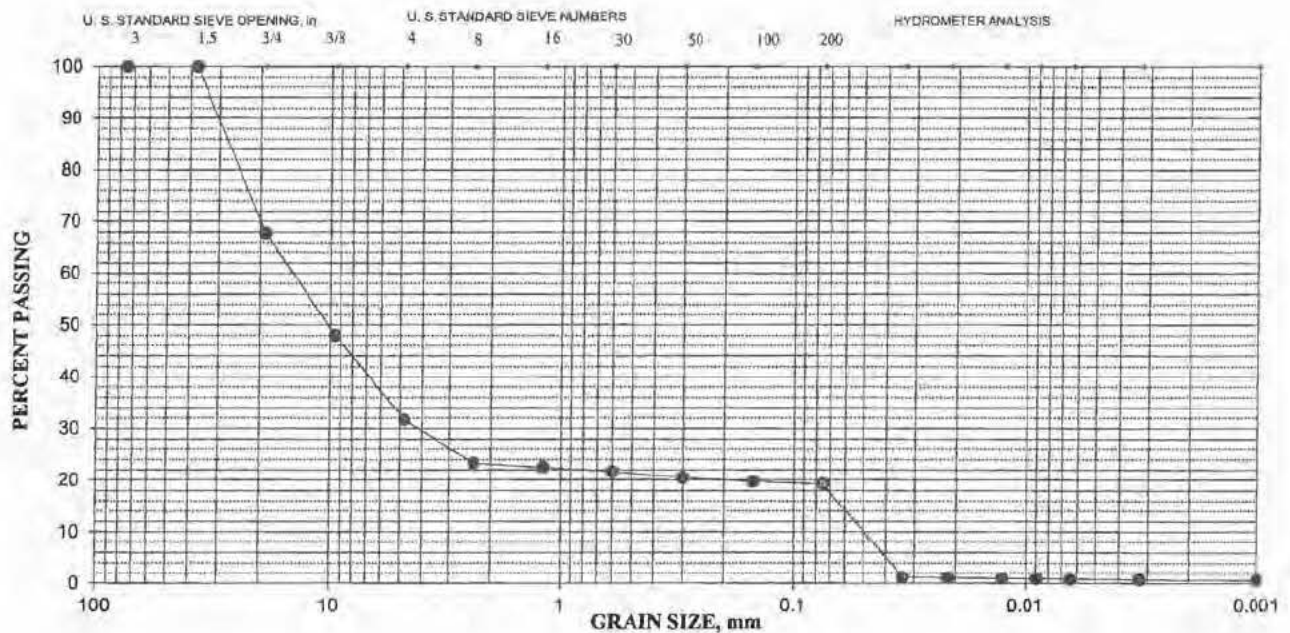
September 20, 2012

Specific Gravity = 2.65 (assumed)
 Gravel = 68%; Sand = 13%; Silt = 18%; Clay = 1%

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	0	100
3/4" (19.0-mm)	32	68
3/8" (9.5-mm)	52	48
#4 (4.75-mm)	68	32
#8 (2.36-mm)	77	23
#16 (1.18-mm)	78	22
#30 (600- μ m)	78	22
#50 (300- μ m)	80	20
#100 (150- μ m)	80	20
#200 (75- μ m)	81	19

Hydrometer Analysis

33- μ m	1
21- μ m	1
13- μ m	1
9- μ m	1
6- μ m	1
3.2- μ m	1
Colloids (<1- μ m)	1



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #3; S-21 @ 20.0 - 25.0'

September 20, 2012

Light Brown Silty Gravel with Sand (GM)

Specific Gravity = 2.65 (assumed)

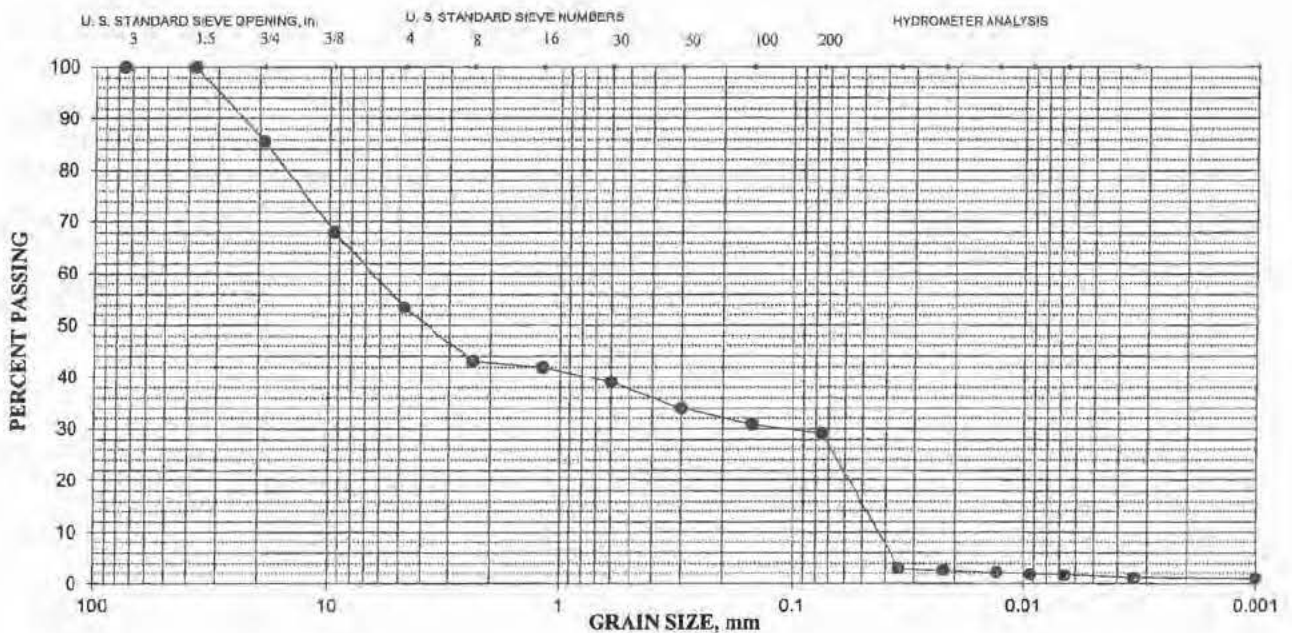
LL = 0; PL = 0; PI = 0

Gravel = 47%; Sand = 24%; Silt = 28%; Clay = 1%

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	0	100
3/4" (19.0-mm)	14	86
3/8" (9.5-mm)	32	68
#4 (4.75-mm)	47	53
#8 (2.36-mm)	57	43
#16 (1.18-mm)	58	42
#30 (600- μ m)	61	39
#50 (300- μ m)	66	34
#100 (150- μ m)	69	31
#200 (75- μ m)	71	29

Hydrometer Analysis

35- μ m	3
22- μ m	3
13- μ m	2
9- μ m	2
7- μ m	2
3.4- μ m	1
Colloids (<1- μ m)	1



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #3; S-22 @ 25.0 - 30.0'
 Light Brown Silty Sand (SM)
 LL = 0; PL = 0; PI = 0

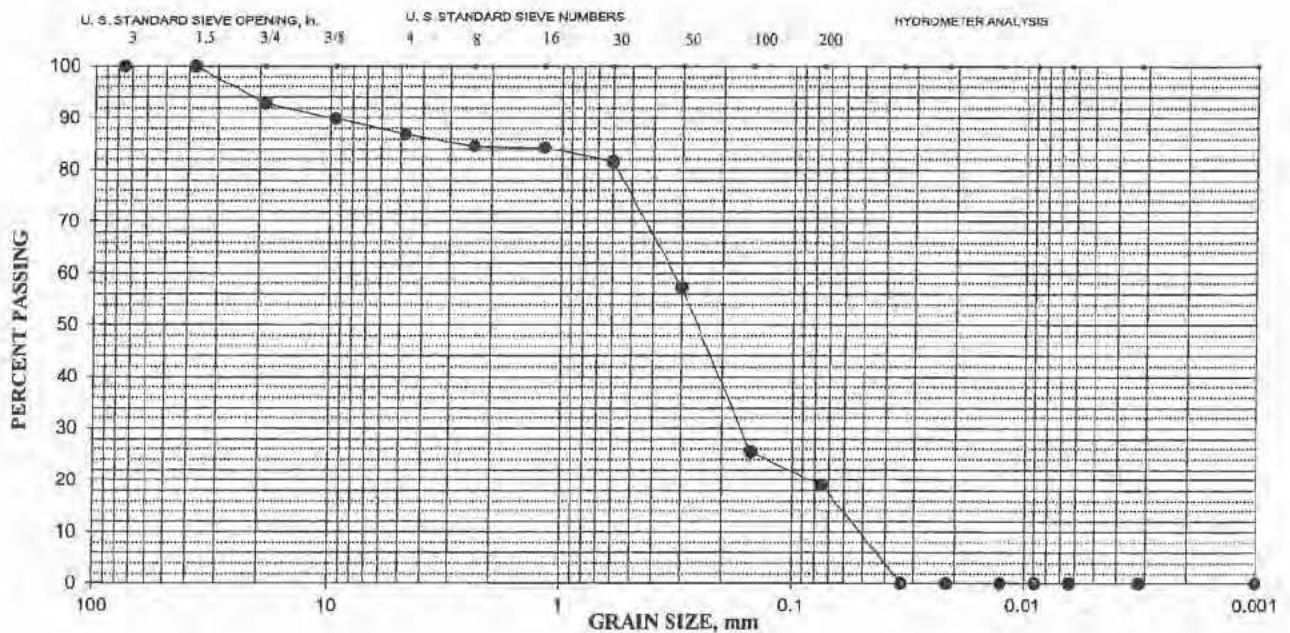
September 20, 2012

Specific Gravity = 2.65 (assumed)
 Gravel = 13%; Sand = 68%; Silt = 19%; Clay = 0%

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	0	100
3/4" (19.0-mm)	7	93
3/8" (9.5-mm)	10	90
#4 (4.75-mm)	13	87
#8 (2.36-mm)	15	85
#16 (1.18-mm)	16	84
#30 (600- μ m)	18	82
#50 (300- μ m)	43	57
#100 (150- μ m)	75	25
#200 (75- μ m)	81	19

Hydrometer Analysis

34- μ m	0
22- μ m	0
13- μ m	0
9- μ m	0
6- μ m	0
3.2- μ m	0
Colloids (<1- μ m)	0



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #3; S-23 @ 30.0 - 35.0'
 Light Brown Silty Sand (SM)
 LL = 0; PL = 0; PI = 0

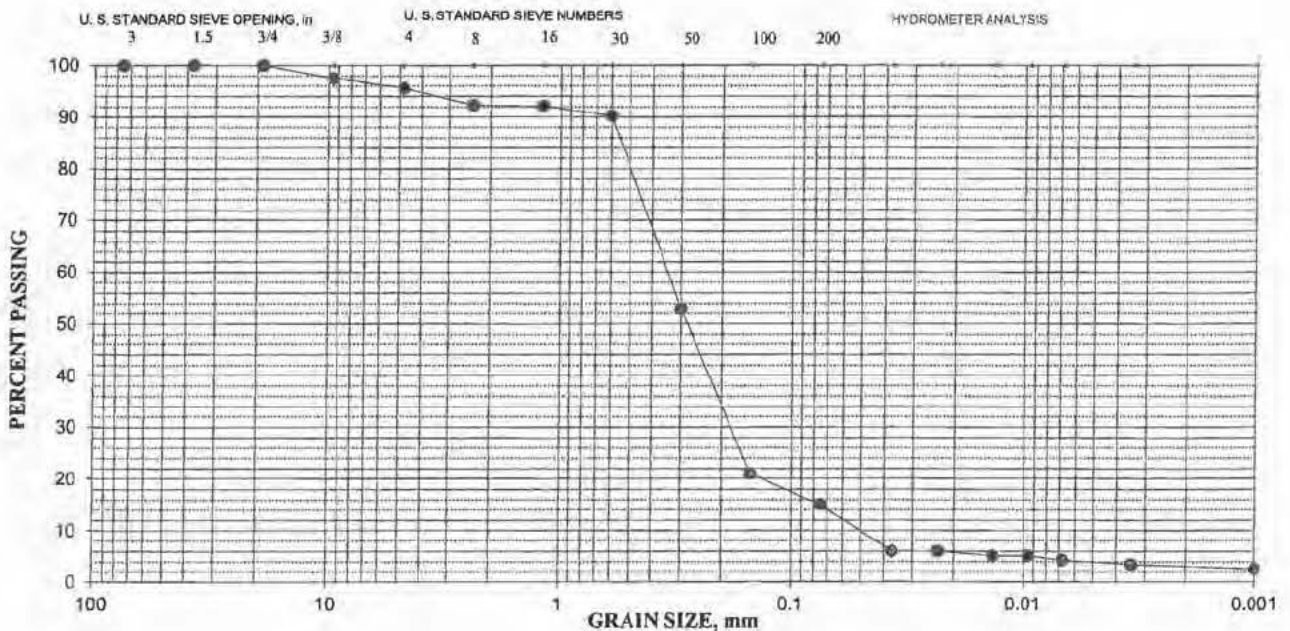
September 20, 2012

Specific Gravity = 2.65 (assumed)
 Gravel = 4%; Sand = 81%; Silt = 12%; Clay = 3%

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	0	100
3/4" (19.0-mm)	0	100
3/8" (9.5-mm)	3	97
#4 (4.75-mm)	4	96
#8 (2.36-mm)	8	92
#16 (1.18-mm)	8	92
#30 (600- μ m)	10	90
#50 (300- μ m)	47	53
#100 (150- μ m)	79	21
#200 (75- μ m)	85	15

Hydrometer Analysis

37- μ m	6
23- μ m	6
14- μ m	5
10- μ m	5
7- μ m	4
3.4- μ m	3
Colloids (<1- μ m)	3



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #3; S-24 @ 35.0 - 40.0'
 Light Brown Silty Sand (SM)
 LL = 0; PL = 0; PI = 0

September 20, 2012

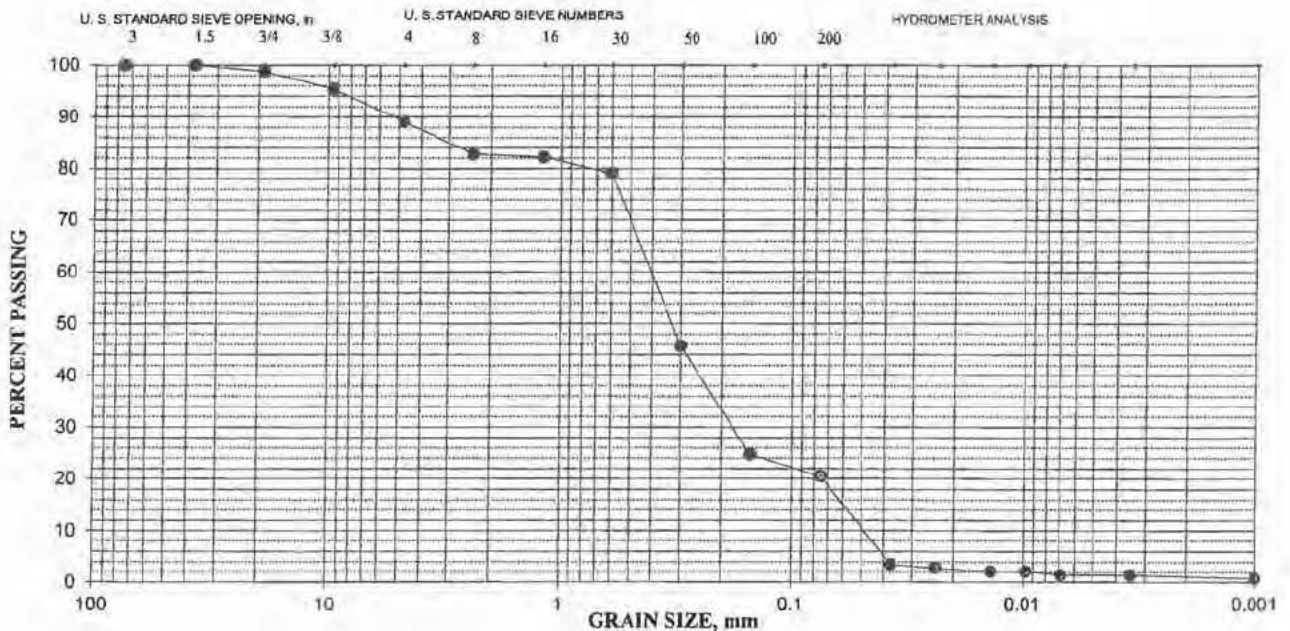
Specific Gravity = 2.65 (assumed)

Gravel = 11%; Sand = 68%; Silt = 20%; Clay = 1%

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	0	100
3/4" (19.0-mm)	1	99
3/8" (9.5-mm)	5	95
#4 (4.75-mm)	11	89
#8 (2.36-mm)	17	83
#16 (1.18-mm)	18	82
#30 (600- μ m)	21	79
#50 (300- μ m)	54	46
#100 (150- μ m)	75	25
#200 (75- μ m)	79	21

Hydrometer Analysis

37- μ m	3
24- μ m	3
14- μ m	2
10- μ m	2
7- μ m	1
3.4- μ m	1
Colloids (<1- μ m)	1



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #4; S-25 @ 0.0 - 1.0'

September 20, 2012

Light Brown Silty Gravel with Sand (GM)

Specific Gravity = 2.65 (assumed)

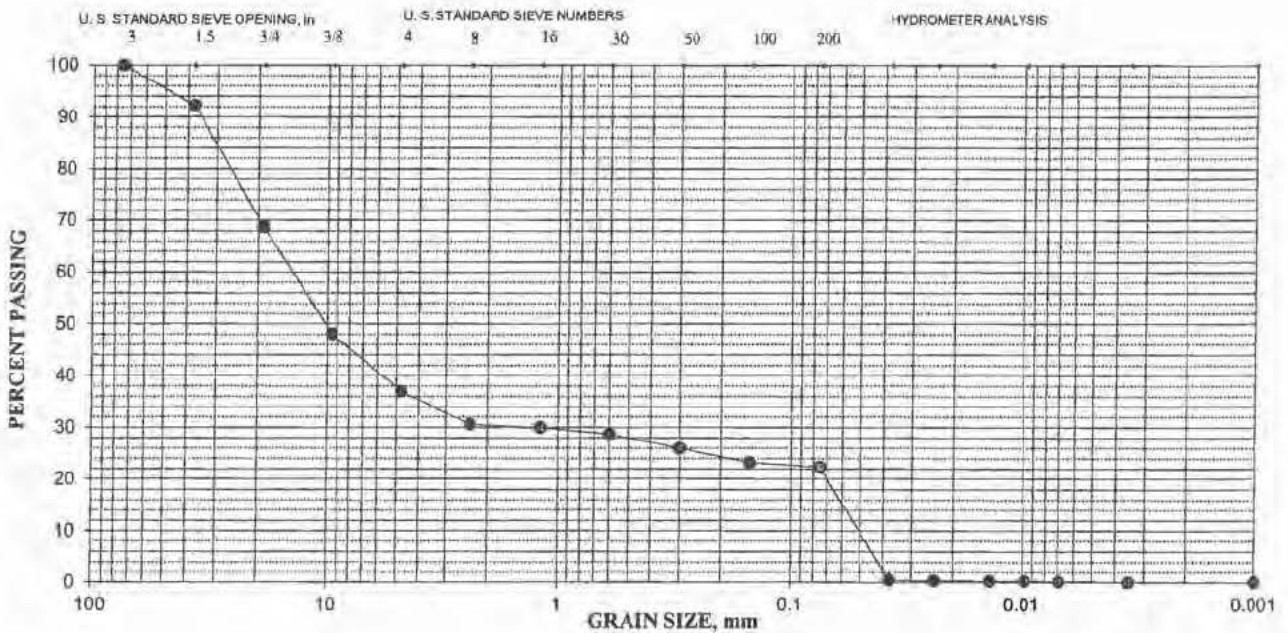
LL = 0; PL = 0; PI = 0

Gravel = 63%; Sand = 15%; Silt = 22%; Clay = 0%

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	8	92
3/4" (19.0-mm)	31	69
3/8" (9.5-mm)	52	48
#4 (4.75-mm)	63	37
#8 (2.36-mm)	69	31
#16 (1.18-mm)	70	30
#30 (600- μ m)	71	29
#50 (300- μ m)	74	26
#100 (150- μ m)	77	23
#200 (75- μ m)	78	22

Hydrometer Analysis

37- μ m	0
24- μ m	0
14- μ m	0
10- μ m	0
7- μ m	0
3.5- μ m	0
Colloids (<1- μ m)	0



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #4; S-26 @ 1.0 - 4.0'

September 20, 2012

Light Brown Silty Gravel (GM)

Specific Gravity = 2.65 (assumed)

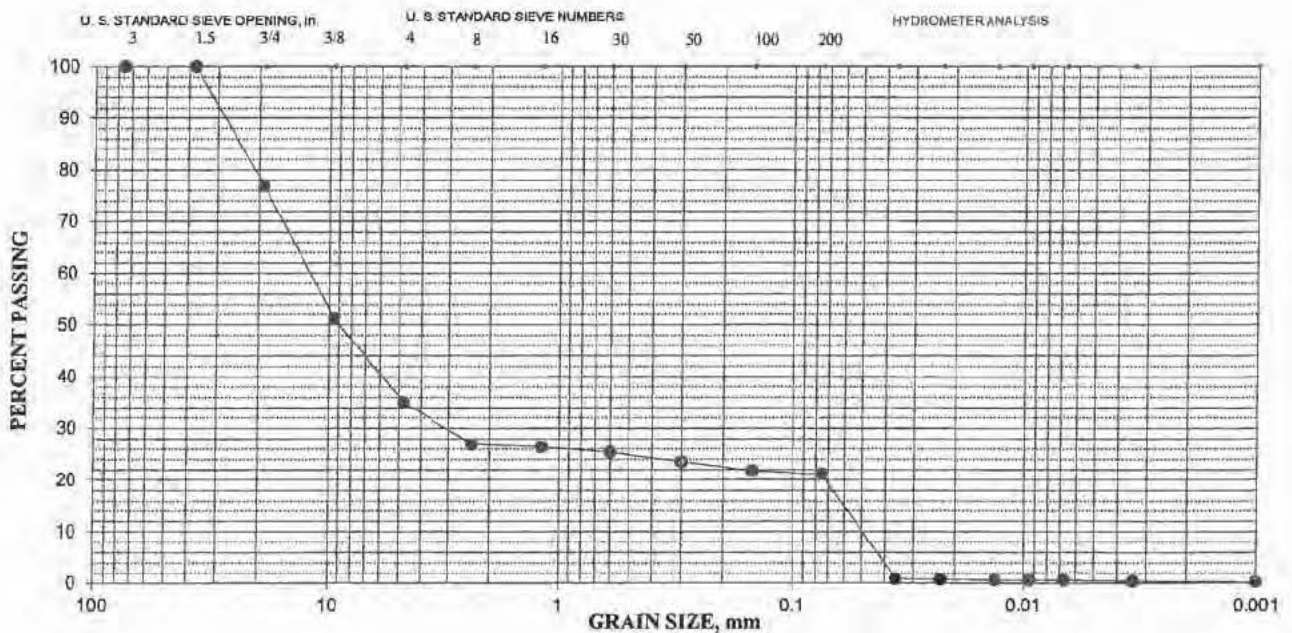
LL = 0; PL = 0; PI = 0

Gravel = 65%; Sand = 14%; Silt = 21%; Clay = 0%

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	0	100
3/4" (19.0-mm)	23	77
3/8" (9.5-mm)	49	51
#4 (4.75-mm)	65	35
#8 (2.36-mm)	73	27
#16 (1.18-mm)	74	26
#30 (600- μ m)	75	25
#50 (300- μ m)	77	23
#100 (150- μ m)	78	22
#200 (75- μ m)	79	21

Hydrometer Analysis

36- μ m	1
23- μ m	1
13- μ m	1
9- μ m	1
7- μ m	1
3.4- μ m	0
Colloids (<1- μ m)	0



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #4; S-27 @ 4.0 - 9.0'

September 20, 2012

Light Brown Silty Gravel with Sand (GM)

Specific Gravity = 2.65 (assumed)

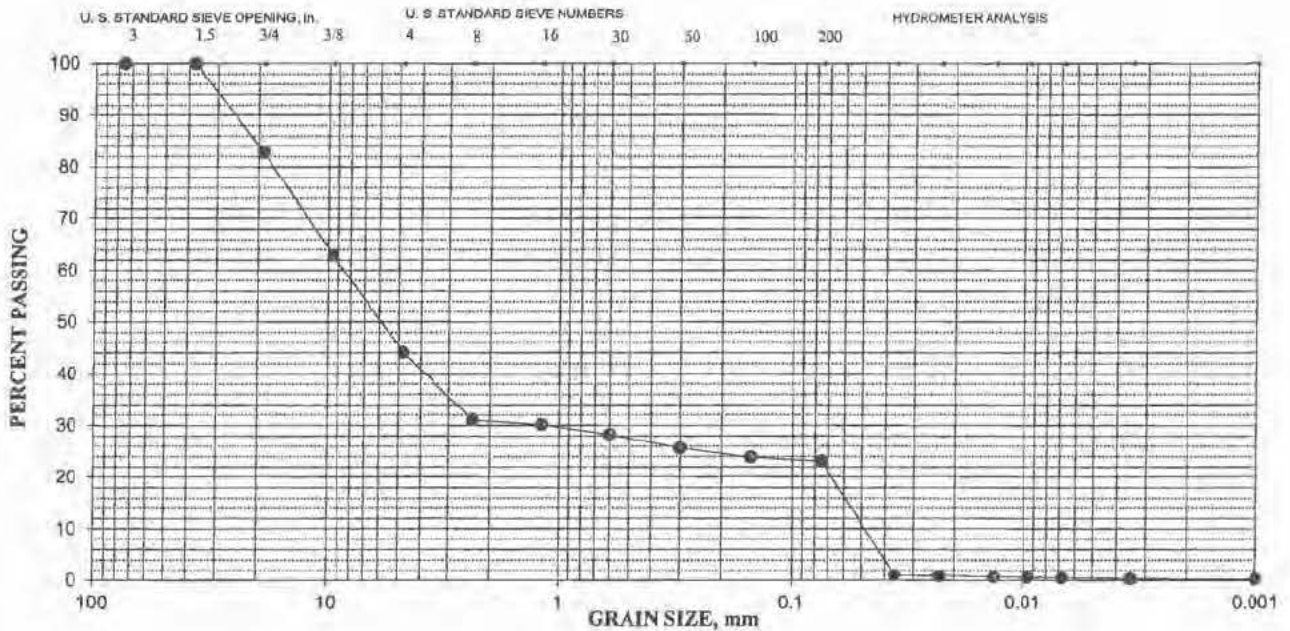
LL = 0; PL = 0; PI = 0

Gravel = 56%; Sand = 21%; Silt = 23%; Clay = 0%

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	0	100
3/4" (19.0-mm)	17	83
3/8" (9.5-mm)	37	63
#4 (4.75-mm)	56	44
#8 (2.36-mm)	69	31
#16 (1.18-mm)	70	30
#30 (600- μ m)	72	28
#50 (300- μ m)	74	26
#100 (150- μ m)	76	24
#200 (75- μ m)	77	23

Hydrometer Analysis

36- μ m	1
23- μ m	1
13- μ m	1
10- μ m	1
7- μ m	0
3.4- μ m	0
Colloids (<1- μ m)	0



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #4; S-28 @ 9.0 - 16.5'
 Light Brown Silty Sand (SM)
 LL = 0; PL = 0; PI = 0

September 20, 2012

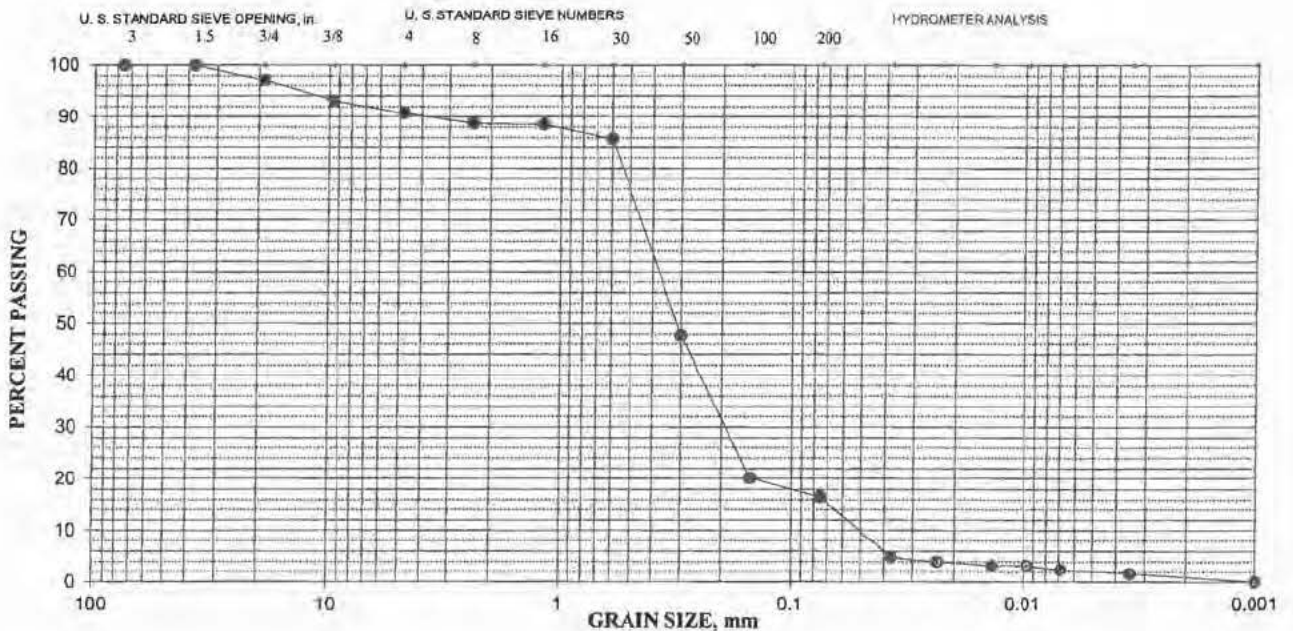
Specific Gravity = 2.65 (assumed)

Gravel = 9%; Sand = 74%; Silt = 15%; Clay = 2%

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	0	100
3/4" (19.0-mm)	3	97
3/8" (9.5-mm)	7	93
#4 (4.75-mm)	9	91
#8 (2.36-mm)	11	89
#16 (1.18-mm)	11	89
#30 (600- μ m)	14	86
#50 (300- μ m)	52	48
#100 (150- μ m)	80	20
#200 (75- μ m)	83	17

Hydrometer Analysis

37- μ m	5
23- μ m	4
14- μ m	3
10- μ m	3
7- μ m	2
3.4- μ m	2
Colloids (<1- μ m)	0



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #4; S-29 @ 16.5 - 21.5'
 Light Brown Silty Sand (SM)
 LL = 0; PL = 0; PI = 0

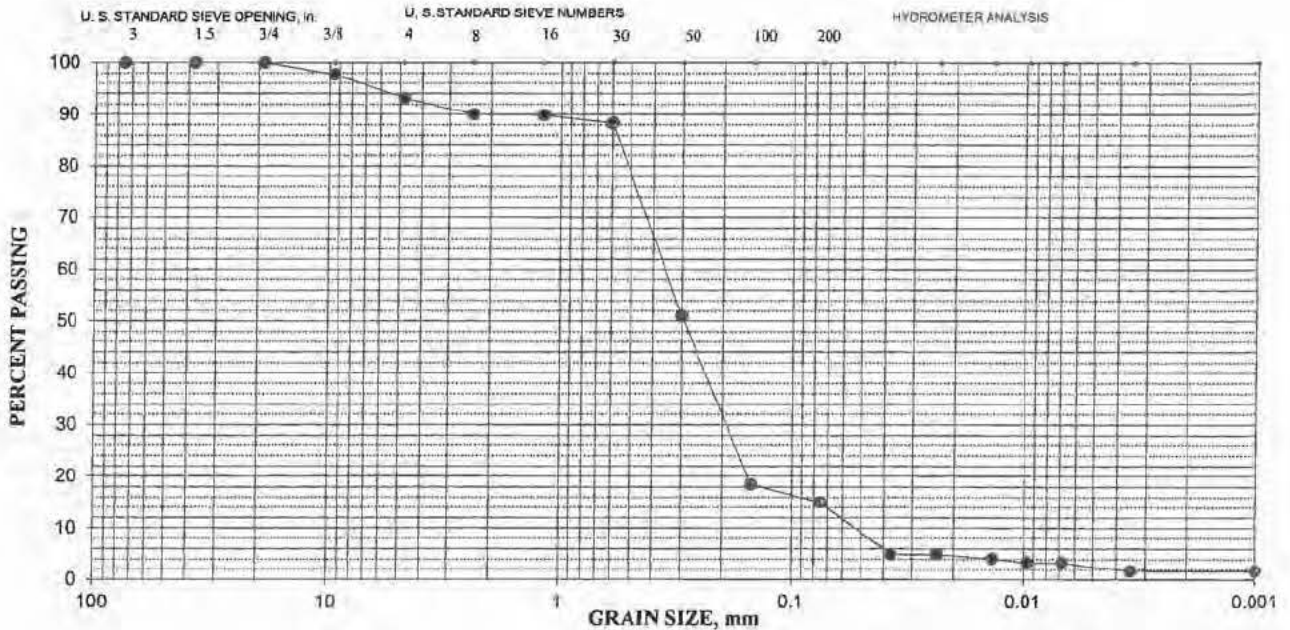
September 20, 2012

Specific Gravity = 2.65 (assumed)
 Gravel = 7%; Sand = 78%; Silt = 13%; Clay = 2%

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	0	100
3/4" (19.0-mm)	0	100
3/8" (9.5-mm)	2	98
#4 (4.75-mm)	7	93
#8 (2.36-mm)	10	90
#16 (1.18-mm)	10	90
#30 (600- μ m)	12	88
#50 (300- μ m)	49	51
#100 (150- μ m)	82	18
#200 (75- μ m)	85	15

Hydrometer Analysis

37- μ m	5
23- μ m	5
14- μ m	4
10- μ m	3
7- μ m	3
3.4- μ m	2
Colloids (<1- μ m)	2



PARTICLE-SIZE ANALYSIS of SOILS

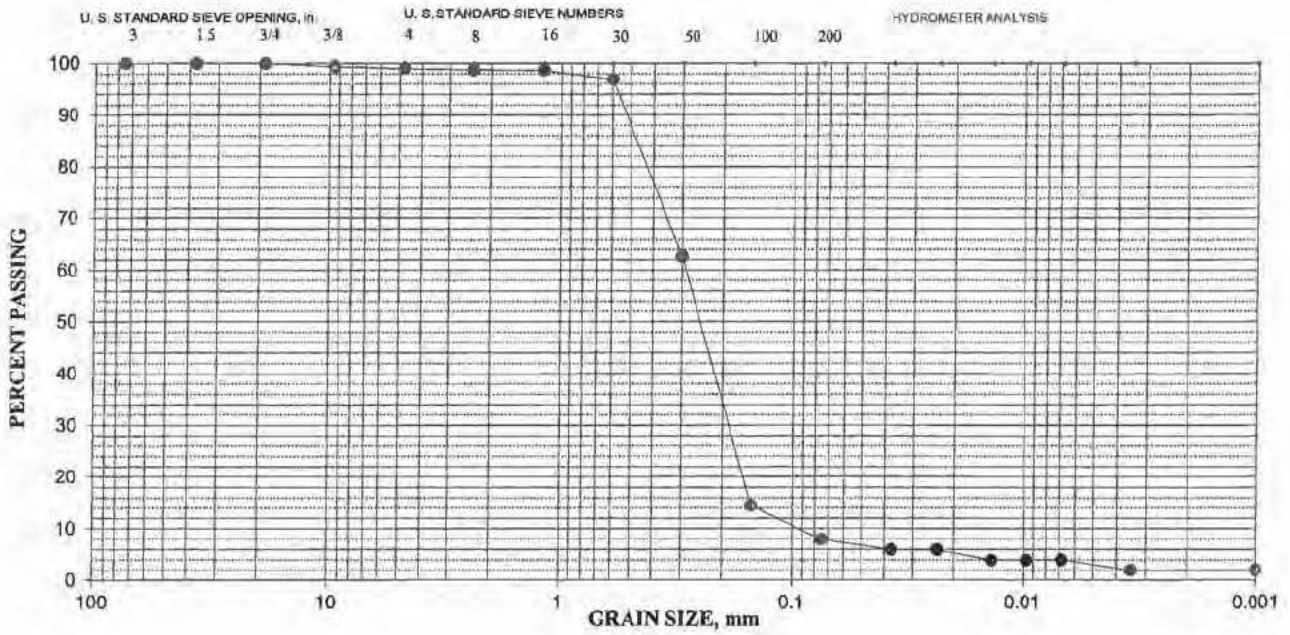
ASTM D 422-02

Boring #4; S-30 @ 21.5 - 26.5'
 Light Brown Poorly Graded Sand with Silt (SP-SM)
 LL = 0; PL = 0; PI = 0

September 20, 2012
 Specific Gravity = 2.65 (assumed)
 Gravel = 1%; Sand = 91%; Silt = 6%; Clay = 2%
 Cu = 3.1; Cc = 1.3

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	0	100
3/4" (19.0-mm)	0	100
3/8" (9.5-mm)	1	99
#4 (4.75-mm)	1	99
#8 (2.36-mm)	1	99
#16 (1.18-mm)	1	99
#30 (600- μ m)	3	97
#50 (300- μ m)	37	63
#100 (150- μ m)	86	14
#200 (75- μ m)	92	8

Hydrometer Analysis	
37- μ m	6
23- μ m	6
14- μ m	4
10- μ m	4
7- μ m	4
3.4- μ m	2
Colloids (<1- μ m)	2



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

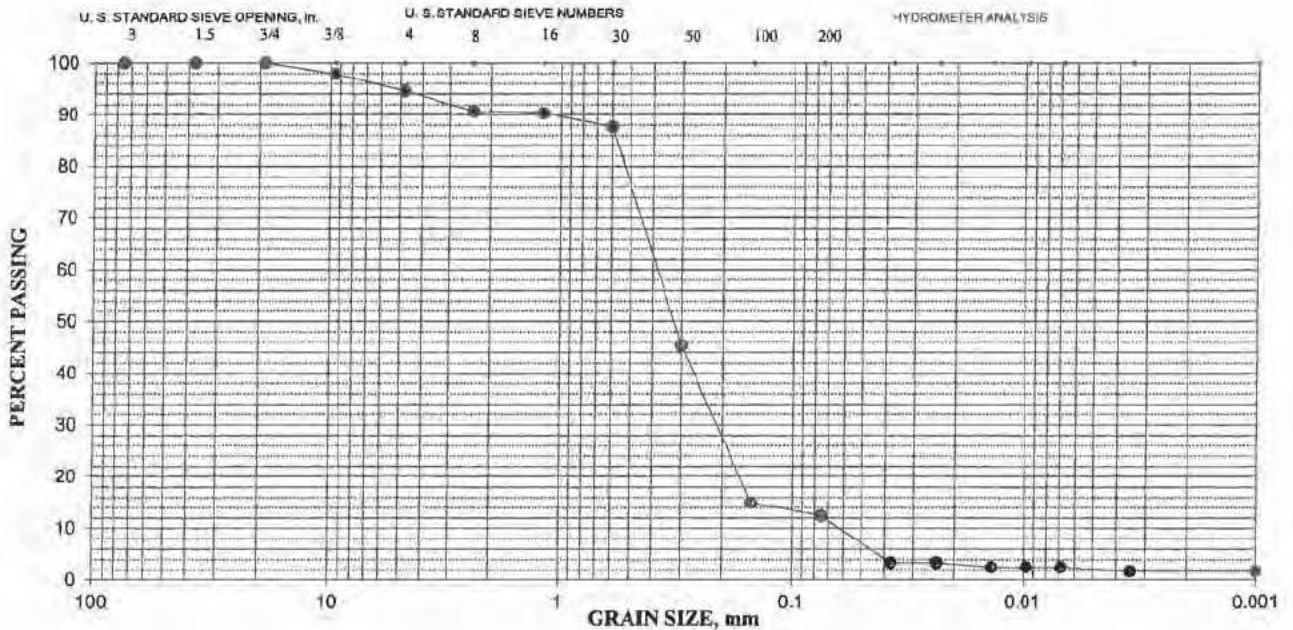
Boring #4; S-31 @ 26.5 - 31.5'
 Light Brown Silty Sand (SM)
 LL = 0; PL = 0; PI = 0

September 20, 2012
 Specific Gravity = 2.65 (assumed)
 Gravel = 5%; Sand = 83%; Silt = 10%; Clay = 2%
 Cu = 6.1; Cc = 1.9

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	0	100
3/4" (19.0-mm)	0	100
3/8" (9.5-mm)	2	98
#4 (4.75-mm)	5	95
#8 (2.36-mm)	9	91
#16 (1.18-mm)	10	90
#30 (600- μ m)	12	88
#50 (300- μ m)	55	45
#100 (150- μ m)	85	15
#200 (75- μ m)	88	12

Hydrometer Analysis

37- μ m	3
24- μ m	3
14- μ m	2
10- μ m	2
7- μ m	2
3.4- μ m	2
Colloids (<1- μ m)	2



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #4; S-32 @ 31.5 - 36.5'

September 20, 2012

Light Brown Poorly Graded Sand with Silt (SP-SM)

Specific Gravity = 2.65 (assumed)

LL = 0; PL = 0; PI = 0

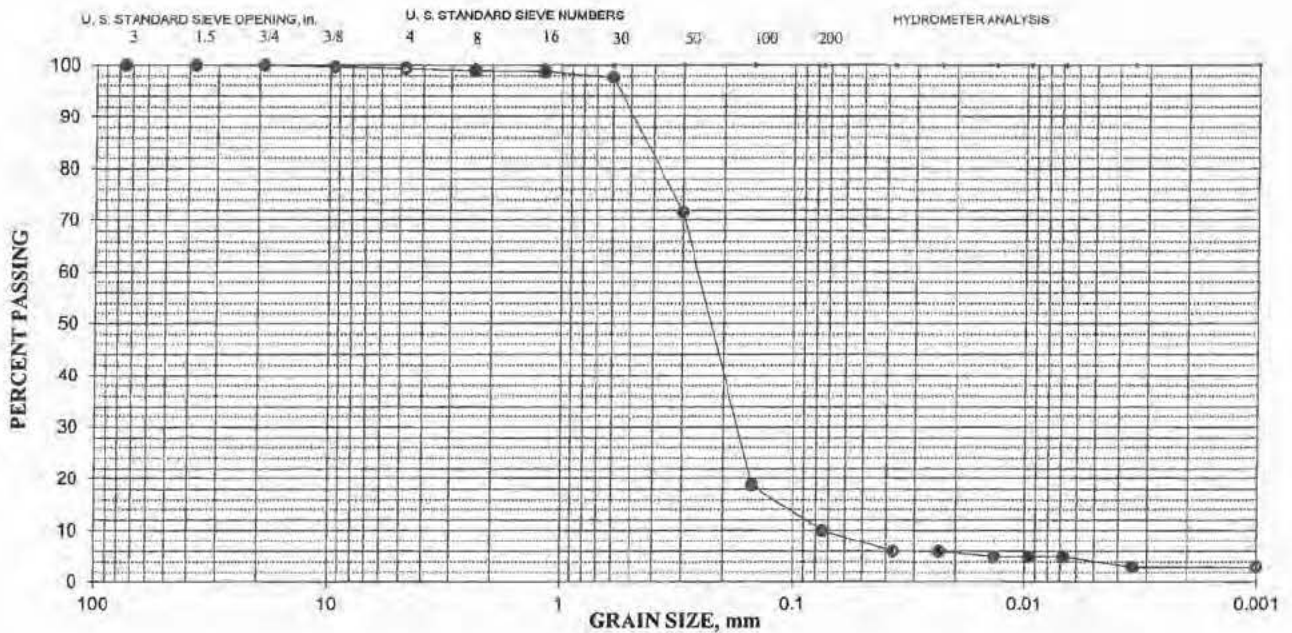
Gravel = 1%; Sand = 89%; Silt = 7%; Clay = 3%

Cu = 3.4; Cc = 1.6

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	0	100
3/4" (19.0-mm)	0	100
3/8" (9.5-mm)	0	100
#4 (4.75-mm)	1	99
#8 (2.36-mm)	1	99
#16 (1.18-mm)	1	99
#30 (600- μ m)	2	98
#50 (300- μ m)	29	71
#100 (150- μ m)	81	19
#200 (75- μ m)	90	10

Hydrometer Analysis

37- μ m	6
23- μ m	6
14- μ m	5
10- μ m	5
7- μ m	5
3.4- μ m	3
Colloids (<1- μ m)	3



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #4; S-32 @ 36.5 - 41.5'

September 20, 2012

Light Brown Silty Sand with Gravel (SM)

Specific Gravity = 2.65 (assumed)

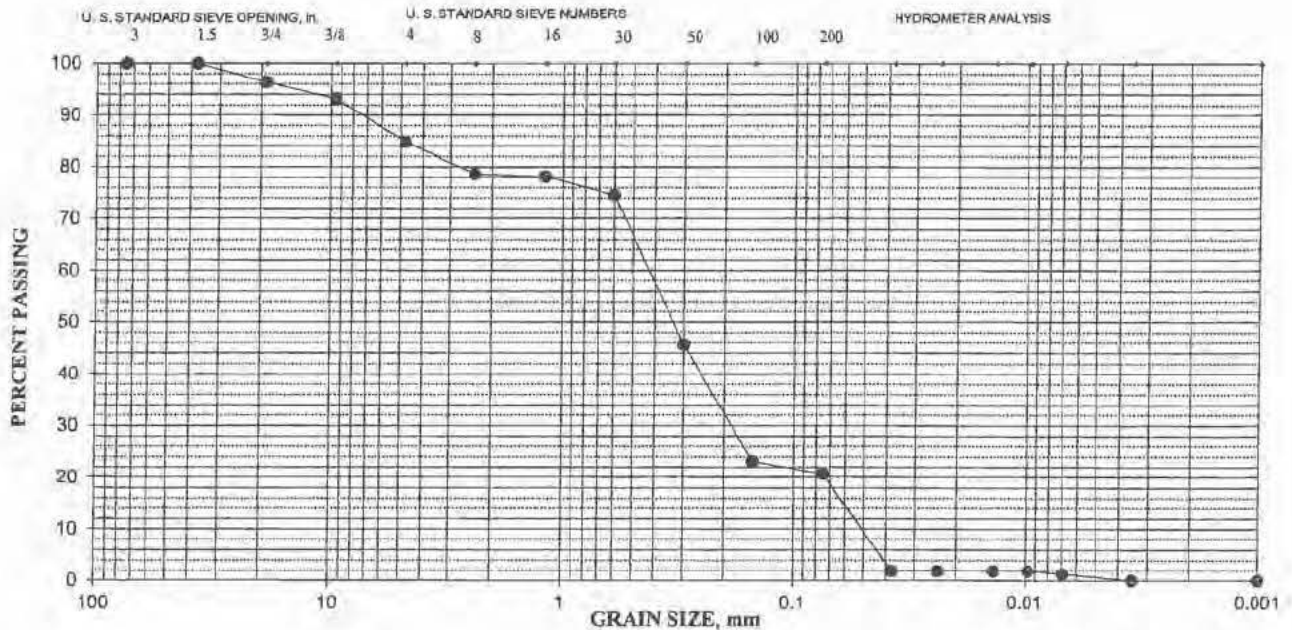
LL = 0; PL = 0; PI = 0

Gravel = 15%; Sand = 64%; Silt = 21%; Clay = 0%

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	0	100
3/4" (19.0-mm)	4	96
3/8" (9.5-mm)	7	93
#4 (4.75-mm)	15	85
#8 (2.36-mm)	21	79
#16 (1.18-mm)	22	78
#30 (600- μ m)	25	75
#50 (300- μ m)	54	46
#100 (150- μ m)	77	23
#200 (75- μ m)	79	21

Hydrometer Analysis

38- μ m	2
24- μ m	2
14- μ m	2
10- μ m	2
7- μ m	1
3.5- μ m	0
Colloids (<1- μ m)	0



From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Re: fencing materials
Date: Wednesday, May 08, 2013 4:17:04 PM

Will just need to coordinate loading. Will work thru (b) (6), (b) (7)(C) cc (b) (6), (b) (7)(C) as well

From: (b) (6), (b) (7)(C)
Sent: Wednesday, May 08, 2013 04:16 PM Eastern Standard Time
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: fencing materials

Let's go. What help do you need?

(b) (6), (b) (7)(C), CBM, PMP
Division Director, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
1301 Constitution Ave. NW, Suite B-155
Washington, DC 20004
Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)
Sent: Wednesday, May 08, 2013 4:15 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Re: fencing materials

Correct

From: (b) (6), (b) (7)(C)
Sent: Wednesday, May 08, 2013 04:14 PM Eastern Standard Time
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: fencing materials

Sure...they pay for the transport, right?

(b) (6), (b) (7)(C), CBM, PMP
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Cell: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)
Sent: Wednesday, May 08, 2013 4:10 PM
To: (b) (6), (b) (7)(C)
Subject: Fw: fencing materials

training facility is asking for about 6 bundles of bollard to construct a fence per below. Can we support via Fabens?

From: (b) (6), (b) (7)(C)
Sent: Wednesday, May 08, 2013 04:07 PM Eastern Standard Time
To: (b) (6), (b) (7)(C)
Subject: RE: fencing materials

(b) (6), (b) (7)(C)

I really don't want to sound greedy or try to take advantage. I'm just trying to work around a lot of obstacles. Is there any way to get 5-6 bundles of the bollard fencing for Artesia? (b) (5), (b) (7)(E)

Just for info, we will be using the fence for (b) (7)(E)

Thanks,

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)
Firearms Program Specialist
U.S. Customs and Border Protection
Use of Force Policy Division
Force Modernization Branch
(b) (6), (b) (7)(C) office
(b) (6), (b) (7)(C) cell
(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Wednesday, May 08, 2013 3:31 PM
To: (b) (6), (b) (7)(C)
Subject: RE: fencing materials

No but I knew where to find it quick

(b) (6), (b) (7)(C)
CTR-LMI
BPFTI PMO
OF: (b) (6), (b) (7)(C)
BB: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Wednesday, May 08, 2013 3:24 PM

To: (b) (6), (b) (7)(C)
Subject: RE: fencing materials

Really? You knew that off the top of your head? That is impressive.

From: (b) (6), (b) (7)(C)
Sent: Wednesday, May 08, 2013 3:23 PM
To: (b) (6), (b) (7)(C)
Subject: RE: fencing materials

(b) (7)(E)

(b) (6), (b) (7)(C)
CTR-LMI
BPFTI PMO
OF: (b) (6), (b) (7)(C)
BB: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Wednesday, May 08, 2013 3:22 PM
To: (b) (6), (b) (7)(C)
Subject: RE: fencing materials

Can you tell me what the actual name or description of the mesh material would be?

From: (b) (6), (b) (7)(C)
Sent: Wednesday, May 08, 2013 3:08 PM
To: (b) (6), (b) (7)(C)
Subject: RE: fencing materials

10-4. Thanks!

From: (b) (6), (b) (7)(C)
Sent: Wednesday, May 08, 2013 3:04 PM
To: (b) (6), (b) (7)(C)
Subject: RE: fencing materials

(b) (5)

(b) (6), (b) (7)(C)
CTR-LMI
BPFTI PMO
OF: (b) (6), (b) (7)(C)
BB: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Wednesday, May 08, 2013 2:58 PM
To: (b) (6), (b) (7)(C)
Subject: RE: fencing materials

Copy. Thanks. (b) (5), (b) (7)(E)

From: (b) (6), (b) (7)(C)
Sent: Thursday, May 02, 2013 10:04 AM
To: (b) (6), (b) (7)(C)
Subject: RE: fencing materials

(b) (5), (b) (7)(E)

(b) (6), (b) (7)(C)

CTR-LMI

BPFTI PMO

OF: (b) (6), (b) (7)(C)

BB (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Thursday, May 02, 2013 8:23 AM
To: (b) (6), (b) (7)(C)
Subject: fencing materials

(b) (6), (b) (7)(C)

We recently visited the El Paso sector and viewed the several types of fencing. Can you tell me where we should look to purchase the mesh material that is similar to what is being used in some of the areas? I have attached a pic of what I am referring.

Thanks for any help you can provide,

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Firearms Program Specialist

U.S. Customs and Border Protection

Use of Force Policy Division

Force Modernization Branch

(b) (6), (b) (7)(C) office

(b) (6), (b) (7)(C) cell

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Subject: Re: Weekly Report - 23 Jan 2014 (b) (6)
Date: Thursday, January 23, 2014 8:54:29 AM

Outstanding. Look forward to the presentation. Have you had time to wrap (b) (6), (b) (7)(C) into the numbers?

From: (b) (6), (b) (7)(C)
Sent: Thursday, January 23, 2014 08:46 AM
To: (b) (6), (b) (7)(C)
Subject: RE: Weekly Report - 23 Jan 2014 (b) (6)

(b) (5)

From: (b) (6), (b) (7)(C)
Sent: Thursday, January 23, 2014 8:43 AM
To: (b) (6), (b) (7)(C)
Subject: Re: Weekly Report - 23 Jan 2014 (b) (6)

This is good news. You all have done great work to this point. Thanks.

From: (b) (6), (b) (7)(C)
Sent: Wednesday, January 22, 2014 09:55 PM
To: (b) (6), (b) (7)(C)
Subject: Re: Weekly Report - 23 Jan 2014 (b) (6)

(b) (6), (b) (7)(C) said that no pre meeting was needed to review it and we should just go over it with (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Wednesday, January 22, 2014 04:30 PM Eastern Standard Time
To: (b) (6), (b) (7)(C)
Subject: RE: Weekly Report - 23 Jan 2014 (b) (6)

Don't forget to send me a copy of what you all present to (b) (6), (b) (7)(C)

I presume you all met with (b) (6), (b) (7)(C) on what you all are presenting...

(b) (6), (b) (7)(C), CBM, PMP
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Facilities Management and Engineering
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Washington, DC 20004
Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Wednesday, January 22, 2014 3:50 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
Subject: Weekly Report - 23 Jan 2014 ((b) (6))

(b) (6), (b) (7)(C)

Changes from the last update are in red.

Hot Issues

- LCCE Development for Budget Assessment
 - Working with (b) (6), (b) (7)(C) to review existing estimates and make recommended adjustments, prior to next budget cycle. Compilation of cost data from USACE "interim" contracts and gap filler contracts is 98% complete, with average costs developed for each bucket for each Sector.
 - Available CTIMR cost data compiled and incorporated.
 - Meeting with (b) (6), (b) (7)(C) scheduled for Monday, 28 Jan, to review estimate.

Major Efforts

- WA#4 Re-procurement
 - Provided review comments on draft SOW on 13 Jan.
 - Provided recommended language to clarify road maintenance techniques on 19 Jan.
- RGV Gates, Phase 1 (b)(7)(E) gates)
 - All gates now are available for Sector to use.
 - Deleted (b) (6), (b) (7)(C) Gap closure from contract due to (b) (6), (b) (7)(C) concern with (b)(7)(E) Ramp
 - Will widen (b)(7)(E) Ramp, improve access road, and install culvert at TXDOT swale. If (b) (6), (b) (7)(C) is OK, will then close his gap.
 - Design will be done by USACE; work will be done thru CTIMR.
 - USACE RE is preparing Offer to Sell for (b) (6) for additional property needed due to two utility poles obstructing access.
 - 35% submittal received ~ 4 Nov. Review comments provided and Option #1 was selected.
 - 90% design received; review comments provided to USACE from (b) (6), (b) (7)(C) Sector and I on 8 Jan. Responses received from designer on 21 Jan and resolved same date.
 - Landowner training
 - Sector prepares a weekly training report that helps to bring focus on this issue. A report was provided last week, and forwarded to the IPT team.
 - FTB is fully trained
 - BRV is fully trained except for 4 landowners
 - MCS is fully trained except for 7 emergency responders
 - HRL is partially trained
 - WSL is making limited progress in training
 - Warranty management
 - Held a warranty management meeting for Monday, 9 Sep, to review processes with (b) (6), (b) (7)(C), USACE & Sector. Notes provided to all after the meeting.
 - Follow up meeting was held 12 Dec.
 - (b) (6), (b) (7)(C) initiated daily tag-up calls for all parties, which is helping communication and will hopefully streamline response times to meet the Warranty Management Plan objectives, and Sector's needs.
 - Rats in the controller cabinet are the biggest issue. Ultrasonic emitters have been

installed in controller cabinets. (b) (5), (b) (7)(E)

- A tracker of all gate issues is being maintained by (b) (6), (b) (7) and distributed to all parties daily before the tag up call.
- **Doorking certification training for 2 Primus employees is underway this week.**
- (b) (5)
- Design Delay Claim letter dated 5 Nov 2013 received from Weston; requests \$ (b) (5) for delays from “inappropriate design review comments” and “refusal to fast track” the design process.
 - Weston sent letter 9 Dec 2013 requesting release of LD’s.
 - **USACE response letter was sent 22 Jan, copy provide to BPFTI management same day.**
 - I provided claim review comments to USACE on 9 Dec.
 - USACE will provide CO final decision by 20 Feb 2014.
- **Risk assessment validate in FITT for RGV Gates 22 Jan 2014**
- ECISO Round V Contracts
 - TCA Fence
 - Option #2 issued 17 Dec with additional \$386,078.47.
 - TCA Roads – Awarded 21 Aug. Bonds received 25 Sep. NTP issued same day.
 - Burn rate has been high due to accelerated work as requested by Sector
 - Option #1 exercised 18 Dec w/additional \$1,336,381.37.
 - TCA Veg/Debris
 - Option #1 exercised 17 Dec with additional \$721,061.85.
 - YUM Lighting
 - (b) (6), (b) (7) working with (b) (6), (b) (7)(C) to obtain funding and placing on existing YUM contract for Roads, Fence, Veg Control, which will also cover Lighting.
- CBP Gap Filler Contract – to fill gaps between Round IV and V and between Round IV/V and CTIMR. This is now limited to WA#2, TCA and YUM
 - TCA
 - Gate Opening Contract
 - New contract awarded 31 May to Pima Paving, Inc, for \$16,550. Remaining funds from \$95K PR are obligated and available for contingency use under the contract.
 - Extension mod with \$95K issued thru 30 Jun 2014.
 - Lighting
 - New contract awarded, with performance to start 1 Jan 2014; includes 3 month base period and three 3-month options. \$33K for base period was obligated.
 - YUM
 - Roads, Fence, Vegetation Control
 - Awarded 21 Jun 2013
 - \$1M is funded was obligated on 24 Sep 2013, extending the contract to 31 Mar 2014.
 - A mod is in progress to add \$500K, in part to provide for Lighting M&R.
- Tactical Infrastructure Condition Index Working Group
 - Meeting held 8 April
 - Minutes/agenda sent 8 April for next meeting.
 - Milestones sent to BOD for SMR meeting 16 Jun

Good News

- (b)(7)(E) Bridge, EPT – New permanent fencing under bridge was inspected and accepted on 30 Aug 2013 by (b) (6), (b) (7)(C) and Sector.

Concerns

• (b) (5), (b)(6);(b)(7)(C)

- (b)(7)(E) MILCON, Phase 2
 - 65% design submittal received 27 December; my review comments were provided 31 Dec.
 - Proposed BOM received 15 Jan; review comment provided same day.
- (b)(7)(E) Fence Closure Project
 - Visited (b)(7)(E) area 27 Aug, where IBWC terminated their contract before closing the (b)(7)(E) fence line.
 - HCID#1, IBWC, Sector and BPFTI were present.
 - Developed scope for project for possible CIR funding.
 - Draft PRD is in preparation.
- EPT MOA for Vega Mowing
 - Agreement to proceed with MOA; currently developing draft. Draft MOA completed and forwarded for CBP review on 24 Sep. Comments due by 4 Oct.
 - Meeting to discuss comments held 25 Oct
 - Final draft completed coordination and was sent to USIBWC for initial review 22 Nov.
 - (b) (6), (b) (7)(C) confirmed on 25 Nov that she requested review comments and expected them "soon". (b) (6), (b) (7)(C) will request status at monthly IBWC meeting on 9 Jan.
 - Spoke to (b) (6), (b) (7)(C) on 22 Jan and she expects to submit the MOA to management for review & comment next week.
- EPT MOA for Levee Road Maintenance
 - (b) (6), (b) (7)(C) set up a call for Thursday with IBWC to discuss their Budget concerns.
 - IBWC to review MOA within next 2 weeks. (b) (5)
 - Discussed IBWC tort claim question with (b) (6), (b) (7)(C) (OCC) and follow on meeting is scheduled for 16 May.
 - Meeting held with IBWC on 16 May to review changes proposed by each party.
 - CBP meeting held 29 May to review and establish negotiating position. OCC to provide revised MOA for review/discussion – received 4 Jun.
 - OCC revisions received & discussed at meeting on 11 Jun.
 - A call was held on 21 Jun which resolved all issues. IBWC to send a couple small changes. Also, I provided IBWC with a couple small changes last week.
 - (b) (6), (b) (7)(C) requested update from IBWC 9 Jul. IBWC advised on 26 Sep that end-of-year has delayed final review.
 - Contacted USIBWC 22 Nov; MOA now in review. (b) (6), (b) (7)(C) will request status in the IBWC meeting on 9 Jan.
 - Spoke to (b) (6), (b) (7)(C) on 22 Jan and she expects to submit the MOA to management for review & comment next week.
- (b)(7)(E) Bridge – Security Requirements
 - Span across Rio Grande has been installed, with fencing to deter pedestrian traffic.
 - Status as of 10 Jul 2013 (from CC construction manager)

- CC contractor is laying track.
- Revised schedule shows 25 Nov 2013 completion
- Mexico is reported to estimate a late October 2013 completion
- CC is still reportedly looking for funding for CBP requirements
- Provided input for briefing for Reps. Carter and Vela on 13 Aug and information for “get backs” that resulted from the meeting.
- Latest Update
 - Construction on both sides appears to be near completion according to the CCRMA construction manager.
 - (b) (6), (b) (7)(C), OFO PM, provided email string on 13 Jan indicating CCRMA now agrees it's their responsibility to move VACIS.
 - Requested update from CCRMA 13 Jan, but no response yet. Also, followed up with a call, and left message with secretary. **On 22 Jan CCRMA secretary advised that CCRMA Administrator (b) (6), (b) (7)(C) is out of town and she doesn't know when he'll be back.**
 - **Provided update to (b) (6), (b) (7)(C) on 22 Jan (b) (5)**
- RGV (b)(7)(E) Highway – Fence Relocation
 - Confirmed funding available from TxDOT & CCRMA bonds; final estimate not developed yet
 - Coordination w/IBWC will start once TxDOT approves draft EA
 - CC engineer sent latest schedule & draft EA 8 Mar
 - Forwarded EA to (b) (6), (b) (7)(C) 2 Apr.
 - Received maps from CC engineer 25 Jun.
 - Latest schedule received from TXDOT 28 Jan 2013. No change in contract letting date of Dec 2013. CCRMA is still working EA & BA.
 - Design has started.
 - Meeting held with CBP parties to discuss the way forward on 7 May.
 - Called TXDOT POC; design has not started as IBWC had stated. Will monitor until design starts and then engage.
 - TXDOT POC advised on 1 Oct that environmental negotiations with FWS is delaying overall schedule.
 - Requested update 30 Dec 2013.
 - Sent draft PRD to ECSO and requested ROM & notional schedule – 18 Jun.
 - ECSO estimates 1 Aug for delivery
 - Provided HDR (b) (6), (b) (7)(C) with PRD & status update on 6 Aug.
 - Held discussion with (b) (6), (b) (7)(C) 4 Sep to review scope and reconfirm need for cost/schedule input.
 - Requested update from (b) (6), (b) (7)(C) 30 Oct & 26 Nov, & 8 Jan 2014; responded that he is working on it.
- CTIMR Support – Area 3
 - Reviewed CWP#1 additional work elements on 1 Jul and sent 14 review comments/questions.
 - Due to time constraints with issuing CWP, comments will be discussed at a later time. Comment resolution needed on:
 - F&G 1049 – Retaining wall
 - R&B 1055 – Road (b)(7)(E) POE
 - L&E 1063 – Lighting inspection
 - V&D 1068, 1069, 1073, 1266-1269 – Veg loading/hauling/disposal
 - R&B 1258 – LWC repair
 - R&B 1260 – (b)(7)(E) road

- Deferred items w/comments, or needing engrg support
 - R&B 1270 – (b)(7)(E)
 - V&D 1272 – Retention pond
 - R&B 1273 – (b)(7)(E) proposed repairs
 - R&B 1274 – (b)(7)(E), articulated mat at LWC
- CWP#3 review comments provided 11 Dec.
- CTIMR Support – Area 4
 - DRT.
 - Provided initial review and comments on proposed (b) (5), (b) (7)(E)
 - Working with (b) (6), (b) (7)(C) on final repair approach.
 - Requested review of the following work elements for CWP #5 on 13 Jun, once info is available:
 - (b)(7)(E) Road Surface Repair.
 - LRT
 - Reviewed CWP#7 and provided comments. Comments were resolved.
 - RGV
 - Boat Ramps (Top 3) – working with PM & (b) (6), (b) (7)(C) on concept
 - Received depth info near each boat ramp 1 Oct
 - Waiting estimate from Primus on cofferdam cost
 - Provided estimated survey area proposal for (b) (6), (b) (7)(C) to review.
 - (b) (5)
 - Meeting was held on 7 Jan with WA #4 PMs and (b) (6), (b) (7)(C) to discuss various issues raised by (b) (6), (b) (7) The meeting was productive, but management input may be needed to resolve some issues.
 - (b) (6), (b) (7) has the lead on resolving questions she raised.
 - On whether formal Engineering will be required, we need the proposed scope resolved before assessing the best way forward.
 - (b) (5)
 - Maintenance Roads adjacent to fencing in Cameron County
 - Working with Pam/Sector on requirements for CWP #5
 - Provided engineering guidance 16 Oct.
 - MOA for Levee Road Maintenance – Held discussion with (b) (6), (b) (7) & Sector on proposed new MOA on 12 Jun. Will wait for EPT final MOA and use it as a template.
 - Visited (b) (7)(E) with (b) (6), (b) (7) Primus, (b) (6), (b) (7)(C) 27 Aug.
 - (b) (5)
 - Primus will begin maintenance on cable/winch/roller system.
 - Provided USACE design options to (b) (6), (b) (7) meeting scheduled to discuss with Primus will be moved by (b) (6), (b) (7) due to conflicts.
- Reviewed CWP#7 and provided comments. Comments were resolved.

Deliverables

- RGV Gates IPT minutes & agenda
- Developed workbook of historical TI M&R contract cost data for possible use in budget development. Continuing development to include CTIMR data as it becomes available, and addressing and refining anomalies.
 - Scheduling meeting with (b) (6), (b) (7) for next week.

- Reviewed Baker's response to our engineering review comments on (b) (6) access/ramp improvements on 21 Jan. Concerns resolved same day.

(b) (6), (b) (7)

(b) (6), (b) (7)(C), PE, PMP

Program Manager

LMI

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

*"Excel as a trusted strategic partner enhancing
Border Patrol's proud legacy"*

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Subject: FW: fencing materials
Date: Wednesday, May 29, 2013 3:49:42 PM

(b) (6), (b) (7)(C) you need to be the interface for all this. (b) (6), (b) (7)(C) is the SME. (b) (5)

(b) (5), (b) (6)

(b) (6), (b) (7)(C), CBM, PMP
Division Director, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
1301 Constitution Ave. NW, Suite B-155
Washington, DC 20004
Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)
Sent: Wednesday, May 29, 2013 3:48 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Fw: fencing materials

(b) (6), (b) (7)(C): need to provide about 6-8 bundles of bollards and whatever remaining plate we have to (b) (6), (b) (7)(C) for training fence. We did this earlier. Just need a WG available to load. They will work on date based on schedule. Looking in 2 weeks. Can you support?

Thanks

From: (b) (6), (b) (7)(C)
Sent: Wednesday, May 08, 2013 04:07 PM Eastern Standard Time
To: (b) (6), (b) (7)(C)
Subject: RE: fencing materials

(b) (6), (b) (7)(C)

I really don't want to sound greedy or try to take advantage. I'm just trying to work around a lot of obstacles. Is there any way to get 5-6 bundles of the bollard fencing for Artesia? (b) (5), (b) (7)(E)

Just for info, we will be using the fence for (b) (7)(E)

Thanks,

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Firearms Program Specialist
U.S. Customs and Border Protection
Use of Force Policy Division
Force Modernization Branch
(b) (6), (b) (7)(C) office
(b) (6), (b) (7)(C) cell
(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Wednesday, May 08, 2013 3:31 PM
To: (b) (6), (b) (7)(C)
Subject: RE: fencing materials

No but I knew where to find it quick

(b) (6), (b) (7)(C)
CTR-LMI
BPFTI PMO
OF: (b) (6), (b) (7)(C)
BB: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)L
Sent: Wednesday, May 08, 2013 3:24 PM
To: (b) (6), (b) (7)(C)
Subject: RE: fencing materials

Really? You knew that off the top of your head? That is impressive.

From: (b) (6), (b) (7)(C)
Sent: Wednesday, May 08, 2013 3:23 PM
To: (b) (6), (b) (7)(C)
Subject: RE: fencing materials

(b) (7)(E)

(b) (6), (b) (7)(C)
CTR-LMI
BPFTI PMO
OF: (b) (6), (b) (7)(C)
BB: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Wednesday, May 08, 2013 3:22 PM
To: (b) (6), (b) (7)(C)
Subject: RE: fencing materials

Can you tell me what the actual name or description of the mesh material would be?

From: (b) (6), (b) (7)(C)
Sent: Wednesday, May 08, 2013 3:08 PM
To: (b) (6), (b) (7)(C)
Subject: RE: fencing materials

10-4. Thanks!

From: (b) (6), (b) (7)(C)
Sent: Wednesday, May 08, 2013 3:04 PM
To: (b) (6), (b) (7)(C)
Subject: RE: fencing materials

(b) (5)

(b) (6), (b) (7)(C)
CTR-LMI
BPFTI PMO
OF: (b) (6), (b) (7)(C)
BB: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Wednesday, May 08, 2013 2:58 PM
To: (b) (6), (b) (7)(C)
Subject: RE: fencing materials

Copy. Thanks. (b) (5), (b) (7)(E)

From: (b) (6), (b) (7)(C)
Sent: Thursday, May 02, 2013 10:04 AM
To: (b) (6), (b) (7)(C)
Subject: RE: fencing materials

(b) (5), (b) (7)(E)

(b) (6), (b) (7)(C)
CTR-LMI
BPFTI PMO
OF: (b) (6), (b) (7)(C)
BB: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Thursday, May 02, 2013 8:23 AM
To: (b) (6), (b) (7)(C)
Subject: fencing materials

(b) (6), (b) (7)(C),

We recently visited the El Paso sector and viewed the several types of fencing. Can you tell me where we should look to purchase the mesh material that is similar to what is being used in some of the areas? I have attached a pic of what I am referring.

Thanks for any help you can provide,

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Firearms Program Specialist

U.S. Customs and Border Protection

Use of Force Policy Division

Force Modernization Branch

(b) (6), (b) (7)(C) office

(b) (6), (b) (7)(C) cell

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Re: fencing materials
Date: Wednesday, May 29, 2013 3:51:41 PM

Will do

From: (b) (6), (b) (7)(C)
Sent: Wednesday, May 29, 2013 03:51 PM Eastern Standard Time
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: fencing materials

(b) (6), (b) (7)(C)

Thanks for the viz.

I would like to get a few pictures of what they are doing in Artesia with the Fence. It would be a nice Newsletter idea.

Thanks.

(b) (6), (b) (7)(C), CBM, PMP
Division Director, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
1301 Constitution Ave. NW, Suite B-155
Washington, DC 20004
Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)
Sent: Wednesday, May 29, 2013 3:48 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Fw: fencing materials

(b) (6), (b) (7)(C): need to provide about 6-8 bundles of bollards and whatever remaining plate we have to (b) (6), (b) (7)(C) for training fence. We did this earlier. Just need a WG available to load. They will work on date based on schedule. Looking in 2 weeks. Can you support?

Thanks

From: (b) (6), (b) (7)(C)
Sent: Wednesday, May 08, 2013 04:07 PM Eastern Standard Time
To: (b) (6), (b) (7)(C)
Subject: RE: fencing materials

(b) (6), (b) (7)(E)

I really don't want to sound greedy or try to take advantage. I'm just trying to work around a lot of obstacles. Is there any way to get 5-6 bundles of the bollard fencing for Artesia? (b) (5), (b) (7)(E)

Just for info, we will be using the fence for (b)(7)(E)

Thanks,

(b) (6), (b) (7)(E)

(b) (6), (b) (7)(C)

Firearms Program Specialist
U.S. Customs and Border Protection
Use of Force Policy Division
Force Modernization Branch

(b) (6), (b) (7)(C) office

(b) (6), (b) (7)(C) cell

(b) (6), (b) (7)(C)

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To: (b) (6), (b) (7)(C)
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To: (b) (6), (b) (7)(C)
Subject: RE: fencing materials

(b) (7)(E)

(b) (6), (b) (7)(C)

CTR-LMI

BPFTI PMO

OF: (b) (6), (b) (7)(C)

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To: (b) (6), (b) (7)(C)

Subject: RE: fencing materials

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From: (b) (6), (b) (7)(C)

Sent: Wednesday, May 08, 2013 3:04 PM

To: (b) (6), (b) (7)(C)

Subject: RE: fencing materials

(b) (5)

(b) (6), (b) (7)(C)

CTR-LMI

BPFTI PMO

OF: (b) (6), (b) (7)(C)

BB: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Wednesday, May 08, 2013 2:58 PM

To: (b) (6), (b) (7)(C)

Subject: RE: fencing materials

Copy. Thanks. (b) (5), (b) (7)(E)

From: (b) (6), (b) (7)(C)

Sent: Thursday, May 02, 2013 10:04 AM

To: (b) (6), (b) (7)(C)

Subject: RE: fencing materials

(b) (5), (b) (7)(E)

(b) (5), (b) (7)(E)

(b) (6), (b) (7)(C)

CTR-LMI

BPFTI PMO

OF: (b) (6), (b) (7)(C)

BB: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Thursday, May 02, 2013 8:23 AM

To: (b) (6), (b) (7)(C)

Subject: fencing materials

(b) (6), (b) (7)(C),

We recently visited the El Paso sector and viewed the several types of fencing. Can you tell me where we should look to purchase the mesh material that is similar to what is being used in some of the areas? I have attached a pic of what I am referring.

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(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Firearms Program Specialist

U.S. Customs and Border Protection

Use of Force Policy Division

Force Modernization Branch

(b) (6), (b) (7)(C) office

(b) (6), (b) (7)(C) cell

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Completing Border Fencing at (b)(7)(E) Station, RGV
Date: Wednesday, June 26, 2013 4:08:23 PM

Just catching up...Adding (b) (6), (b) (7)(C)

Will be sure to include this under CIR unless heard otherwise from OBP. (b) (5), (b)(6); (b)(7)(C)

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C) – I believe I saw this in some other email traffic, but if you could get a PRD shelved for this effort we can have this ready in the files.

(b) (6), (b) (7)(C), PMP
Program Manager Lead for Projects and Milcon
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)
Sent: Monday, June 24, 2013 3:12 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Completing Border Fencing at (b)(7)(E) Station, RGV

Let's make this a note to ensure this does not get dropped...

(b) (6), (b) (7)(C), CBM, PMP
Division Director, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
1301 Constitution Ave. NW, Suite B-155
Washington, DC 20004
Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)
Sent: Monday, June 24, 2013 3:11 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Completing Border Fencing at (b)(7)(E) Station, RGV

Sounds good. (b)(7)(E)

From: (b) (6), (b) (7)(C)
Sent: Monday, June 24, 2013 3:04 PM
To: (b) (6), (b) (7)(C)
Subject: RE: Completing Border Fencing at (b)(7)(E) Station, RGV

(b)(7)(E) Let's not forget this...

(b) (6), (b) (7)(C), CBM, PMP
Division Director, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
1301 Constitution Ave. NW, Suite B-155
Washington, DC 20004
Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)
Sent: Monday, June 24, 2013 3:00 PM
To: (b) (6), (b) (7)(C)
Subject: RE: Completing Border Fencing at (b)(7)(E) Station, RGV

(b) (5), (b)(6); (b)(7)(C); (b)(7)(E)

From: (b) (6), (b) (7)(C)
Sent: Monday, June 24, 2013 2:58 PM
To: (b) (6), (b) (7)(C)
Subject: RE: Completing Border Fencing at (b)(7)(E) Station, RGV

(b) (5)

(b) (6), (b) (7)(C), CBM, PMP
Division Director, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
1301 Constitution Ave. NW, Suite B-155
Washington, DC 20004
Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)
Sent: Monday, June 24, 2013 2:42 PM
To: (b) (6), (b) (7)(C)
Subject: Completing Border Fencing at (b)(7)(E) Station, RGV

(b) (6), (b) (7)(C),

(b) (5)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Friday, June 21, 2013 2:32 PM

To: (b) (6), (b) (7)(C)

Subject: FW: Draft PRD for Relocating Fence for (b)(7)(E) Hwy Construction, RGV

(b) (6), (b) (7)(C)

(b) (5), (b)(6); (b)(7)(C)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Tuesday, June 18, 2013 3:49 PM

To: (b) (6)

Cc: (b) (6), (b) (7)(C)

Subject: RE: Draft PRD for Relocating Fence for (b)(7)(E) Hwy Construction, RGV

Forgot the attachment.

From: (b) (6), (b) (7)(C)

Sent: Tuesday, June 18, 2013 3:47 PM

To: (b) (6)

Cc: (b) (6), (b) (7)(C)

Subject: Draft PRD for Relocating Fence for (b)(7)(E) Hwy Construction, RGV

(b) (6), (b) (7)(C)

This is not a priority, since the County contract for the highway won't be let until mid-2015, but we want to get a PRD ROM and notional schedule for planning purposes. Please let me know when you might be able to provide that info for the PRD. Thanks for the help!

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), PE, PMP

Program Manager

LMI

Border Patrol Facilities and Tactical Infrastructure Program Management Office Facilities

Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

"Excel as a trusted strategic partner enhancing Border Patrol's proud legacy"

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Subject: FW: Draft PRD for Relocating Fence for (b)(7)(E) Hwy Construction, RGV
Date: Friday, June 21, 2013 2:31:56 PM
Attachments: [TI PRD - RGV \(b\)\(7\)\(E\) Hwy Fence Relocation 6-18-2013.docx](#)

(b) (6), (b) (7)(C),

(b) (5), (b)(6); (b)(7)(C)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Tuesday, June 18, 2013 3:49 PM
To: (b) (6), (b) (7)(C)
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(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), PE, PMP

Program Manager

LMI

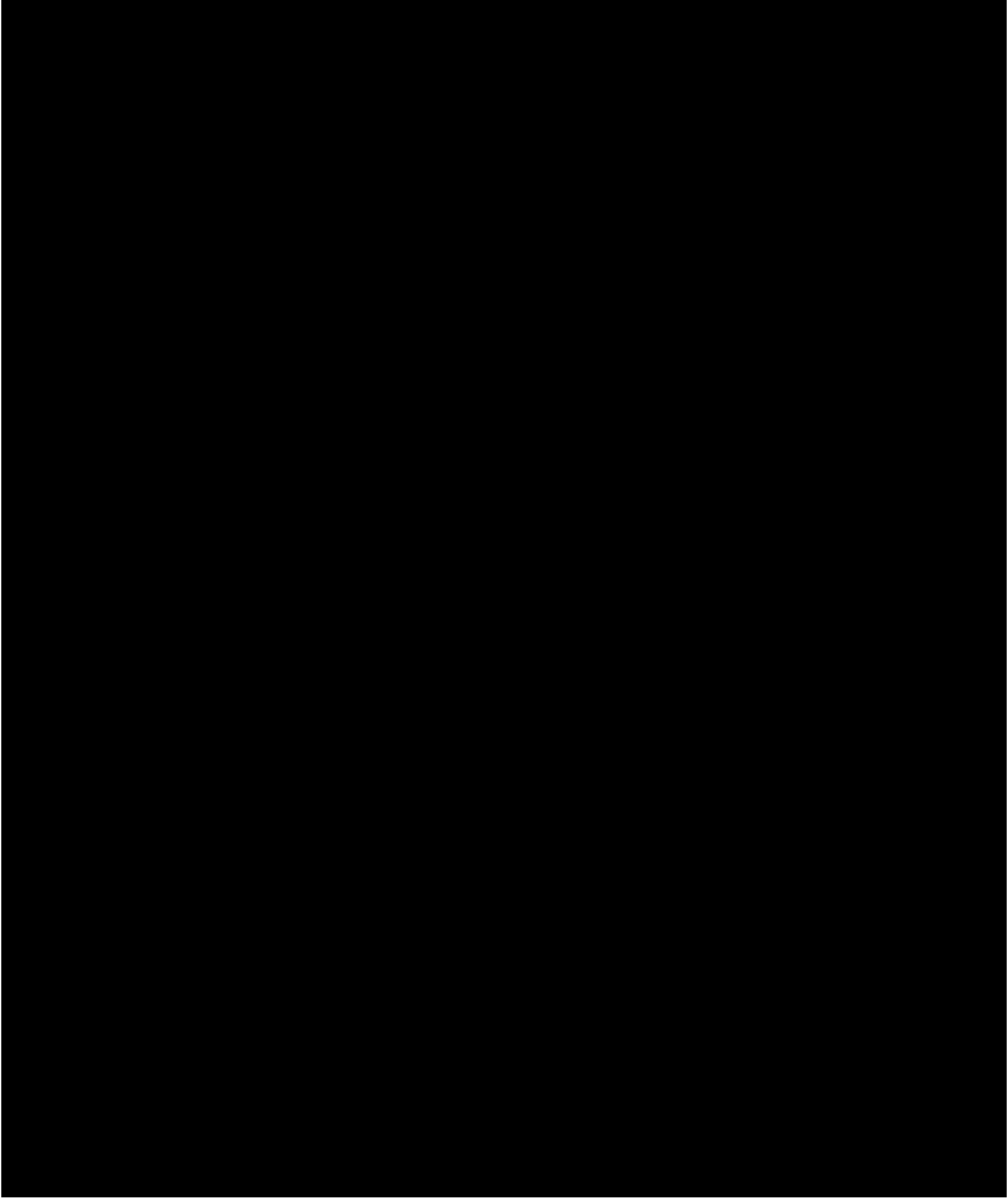
Border Patrol Facilities and Tactical Infrastructure Program Management Office Facilities
Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

"Excel as a trusted strategic partner enhancing Border Patrol's proud legacy"

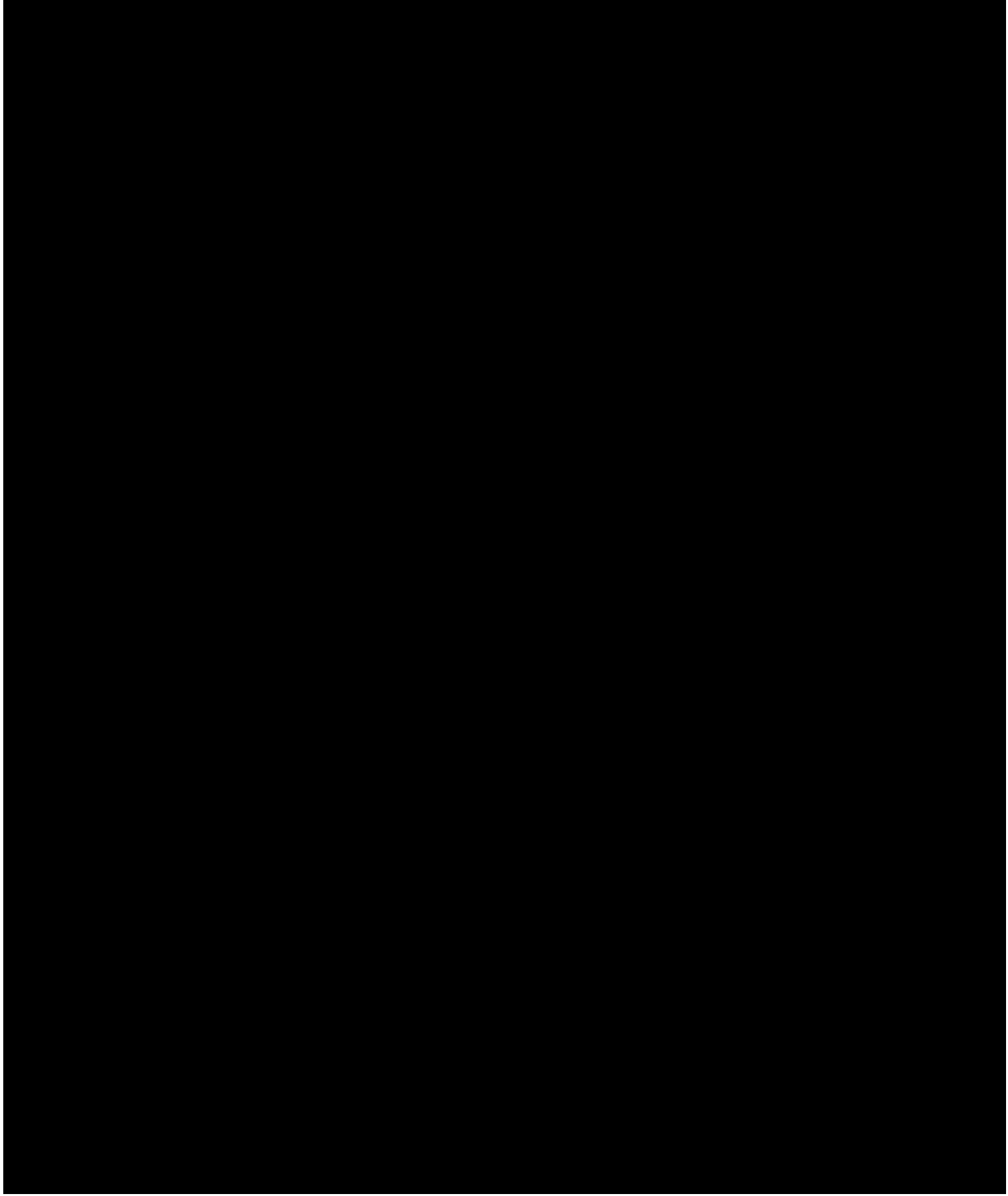
(b) (5), (b) (7)(E)



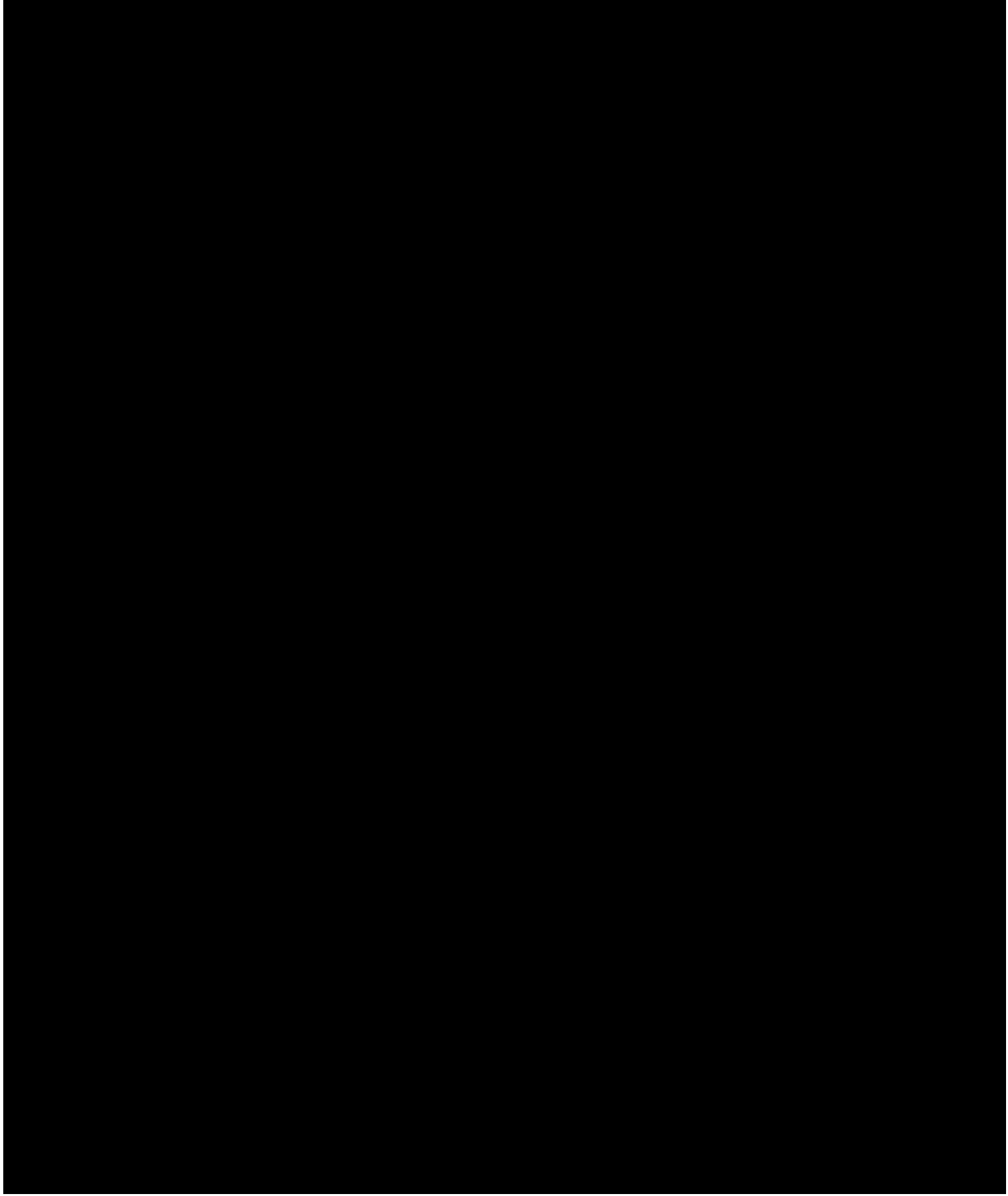
(b) (5), (b) (7)(E), (b)(6);(b)(7)(C)



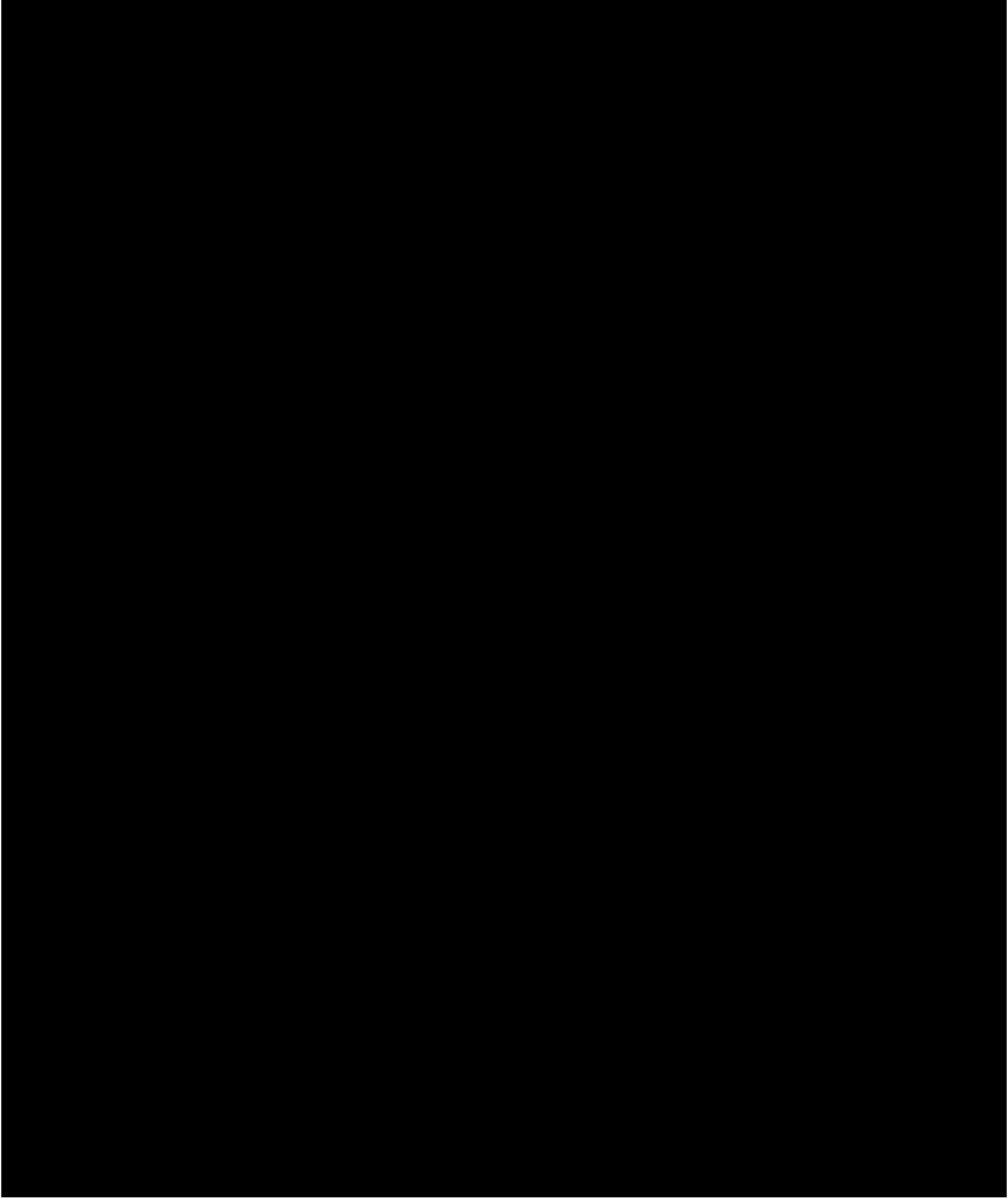
(b) (5), (b) (7)(E)



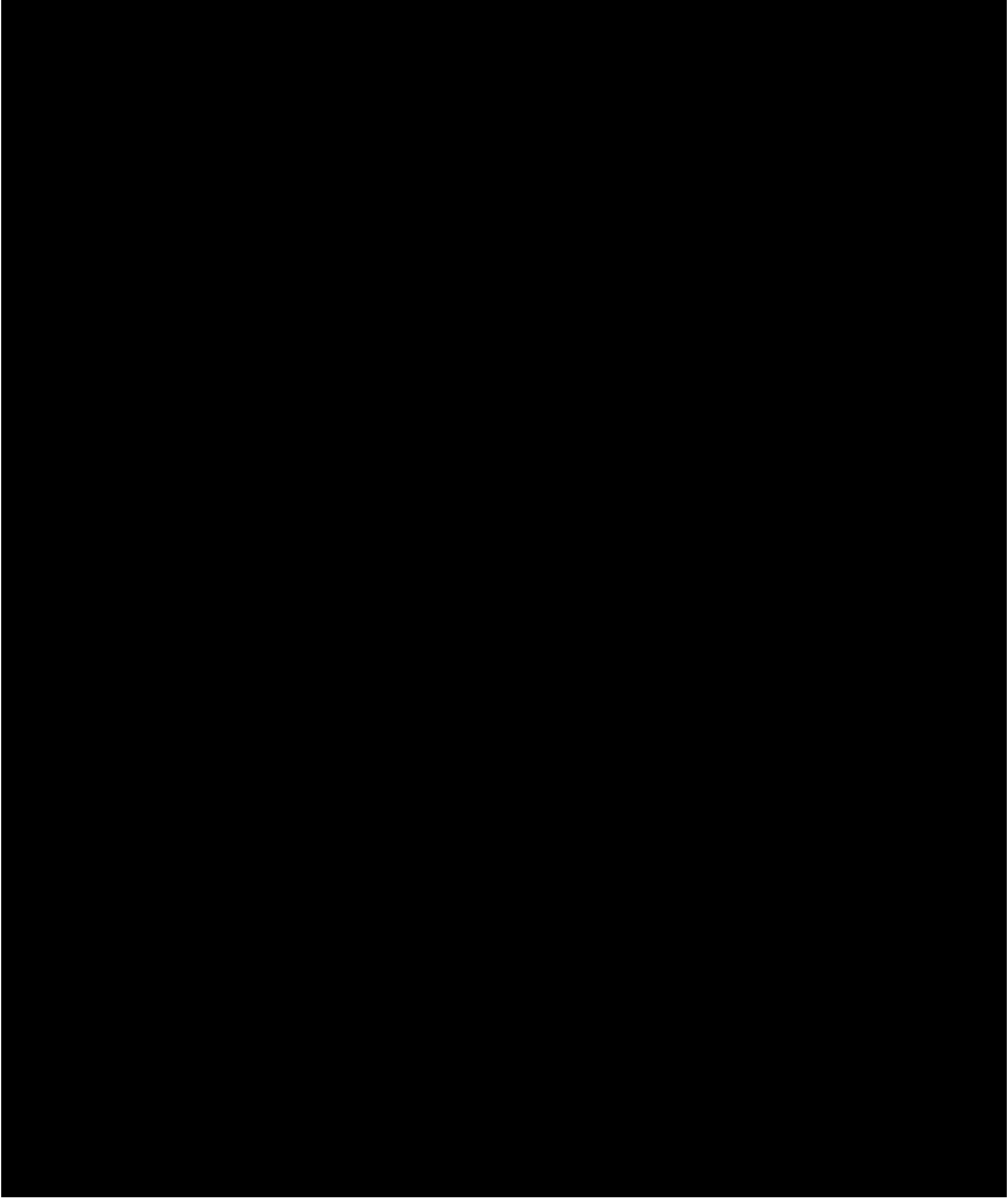
(b) (5), (b) (7)(E)



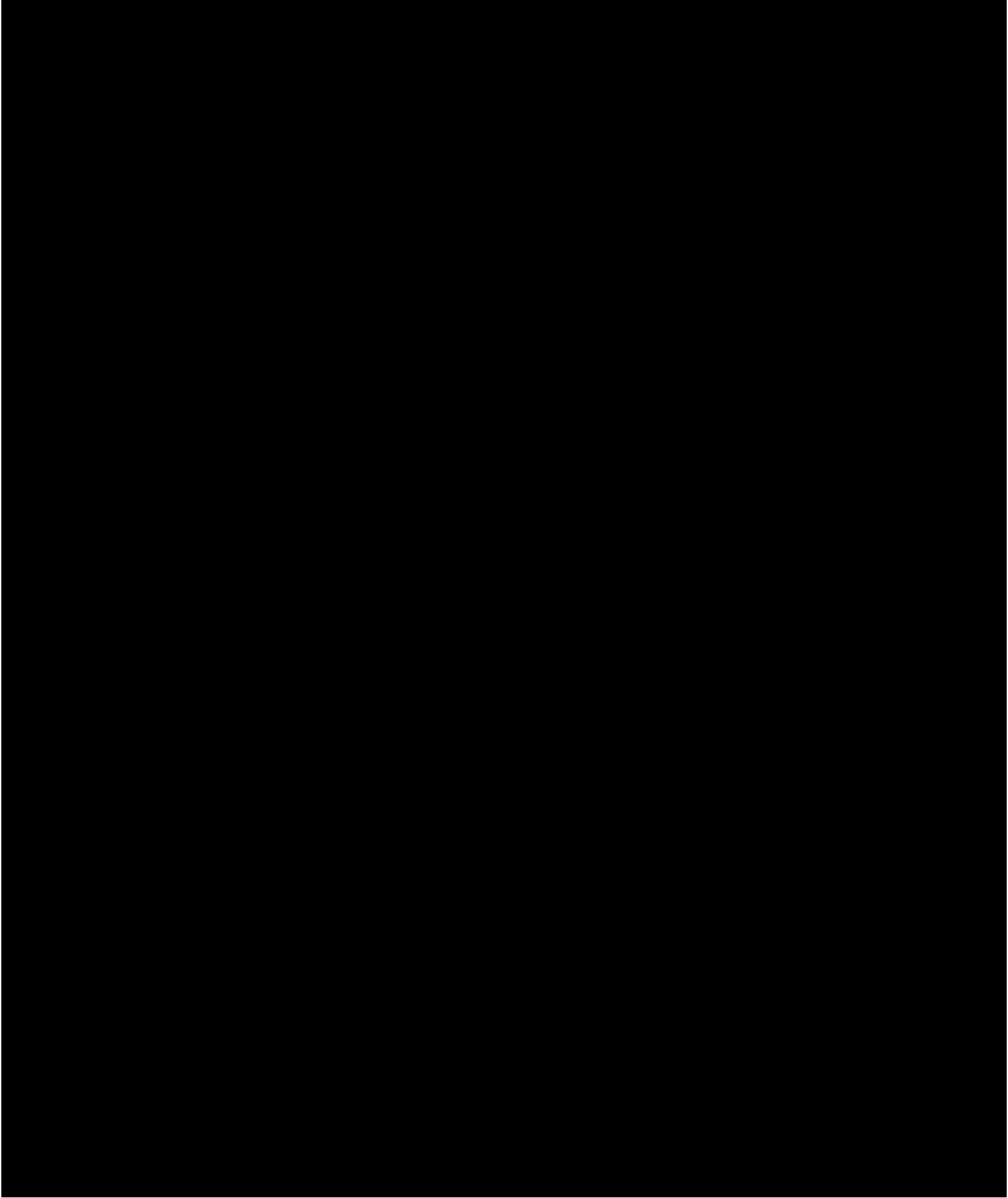
(b) (5), (b) (7)(E)



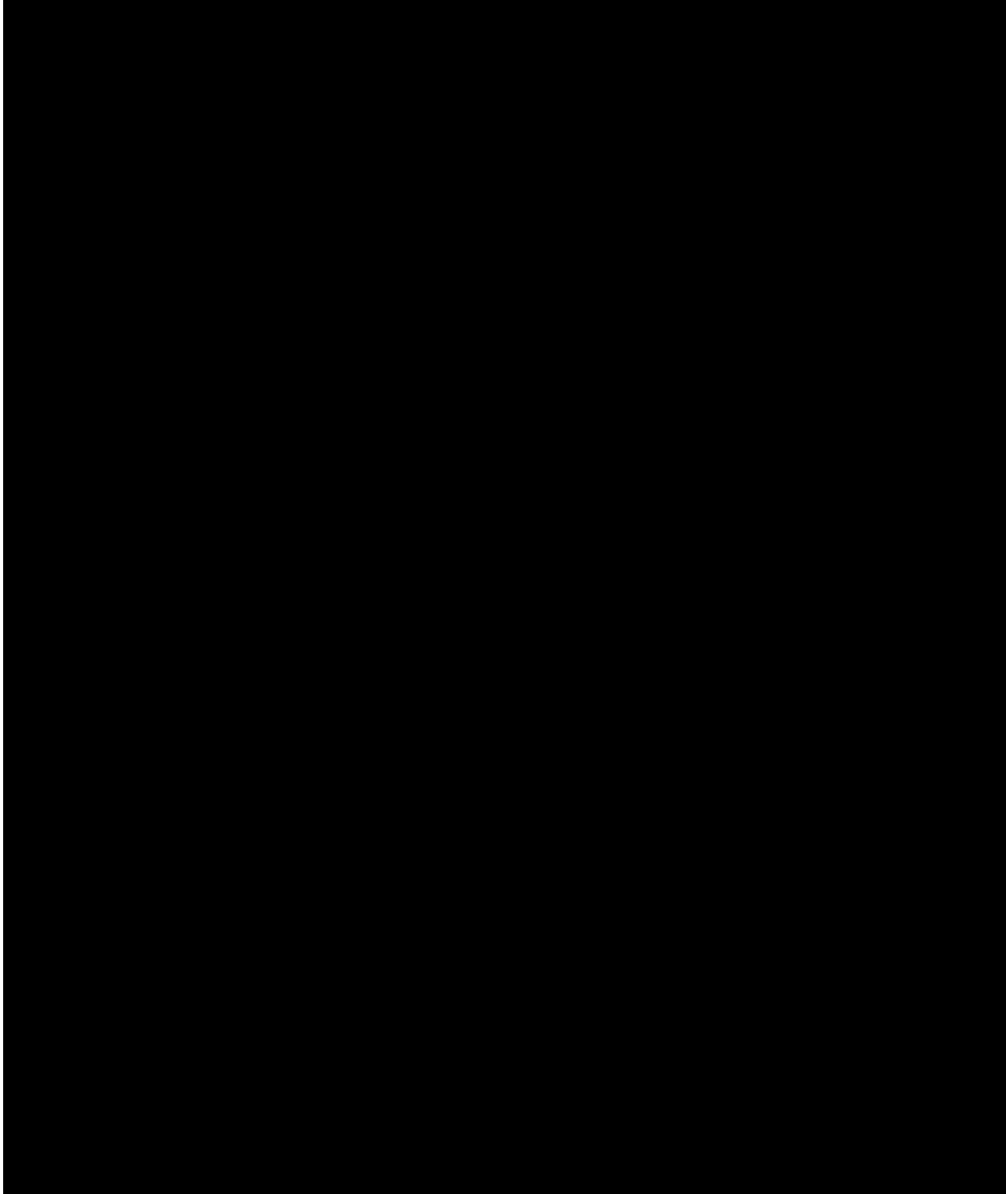
(b) (5), (b) (7)(E)



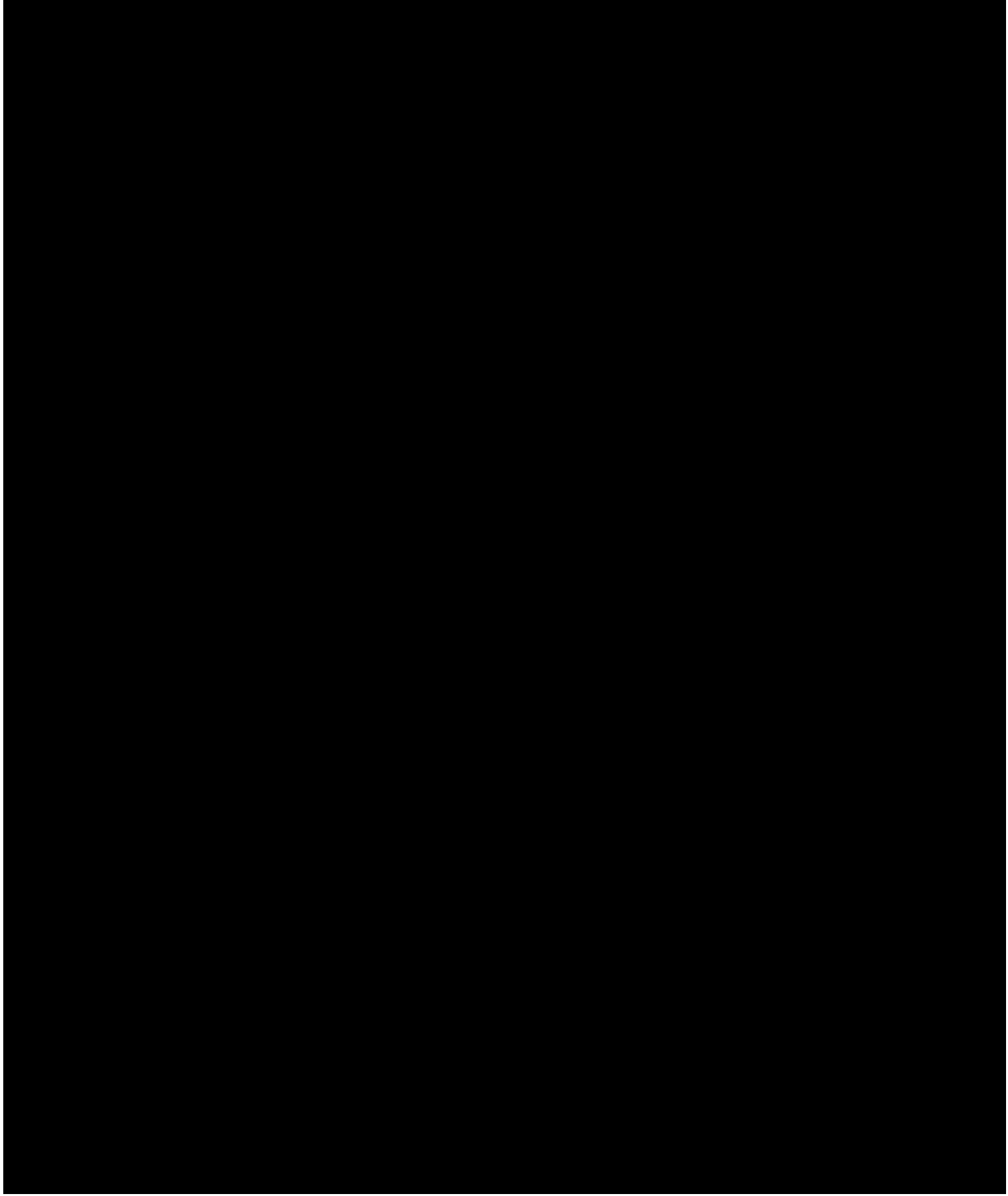
(b) (5), (b) (7)(E)



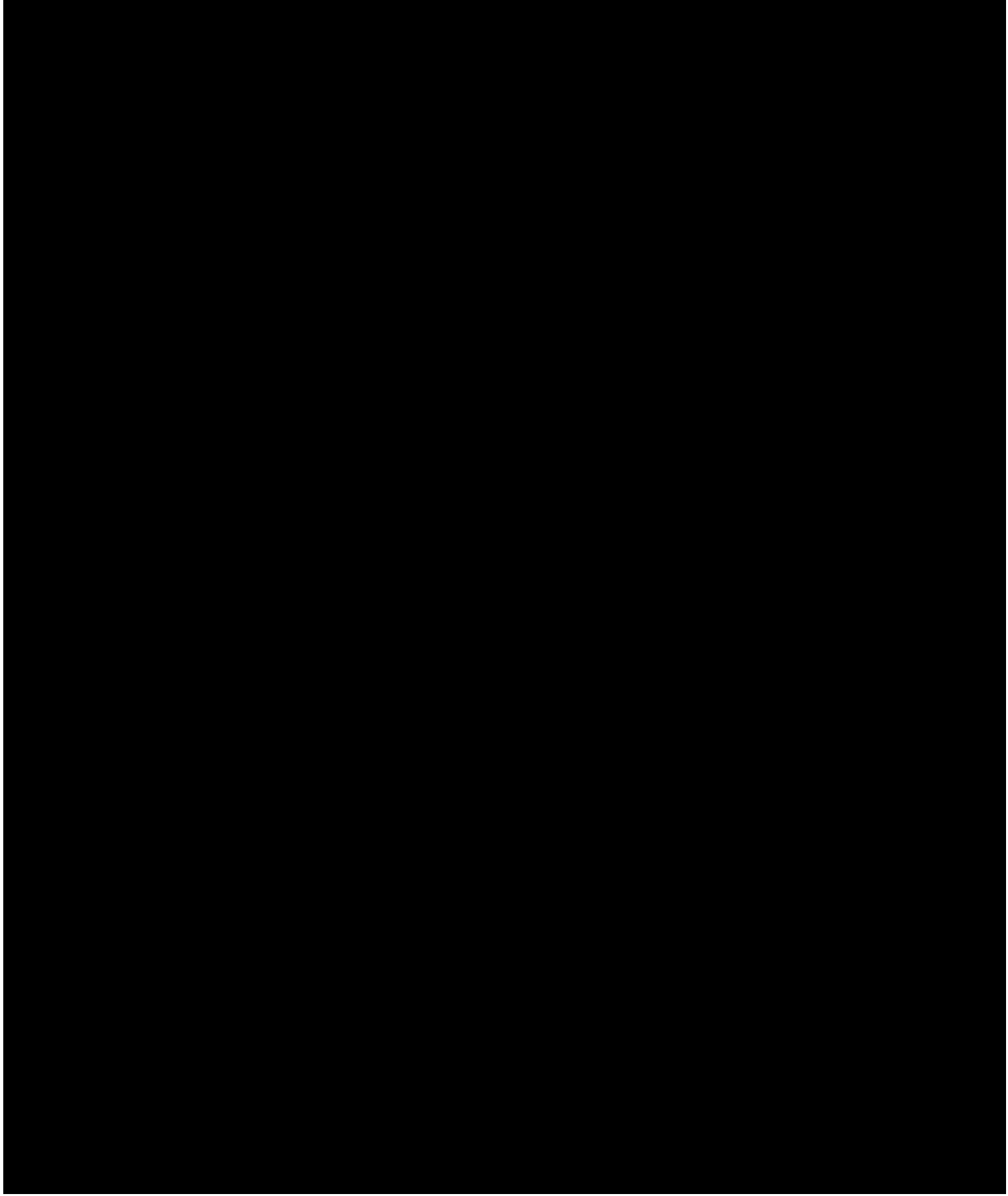
(b) (5), (b) (7)(E)



(b) (5), (b) (7)(E)



(b) (5), (b) (7)(E)



(b) (5), (b) (7)(E), (b) (6)



From: (b) (6), (b) (7)(C)
To: (b) (6)
Subject: FW: TI M&R Budget Discussion - Read Aheads
Date: Sunday, January 26, 2014 9:57:49 PM
Attachments: [Issue Paper - Budget Estimate 1-26-2014.docx](#)
[Historical TI MR Contract Cost Data - Roll-Up 1-26-2014.xlsx](#)

(b) (6), (b) (7)(C), CBM, PMP

Division Director, TI Division

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

1301 Constitution Ave. NW, Suite (b)(7)(E)

Washington, DC 20004

Office: (b) (6), (b) (7)(C)

Cell: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)
Sent: Sunday, January 26, 2014 5:54 PM
To: (b) (6), (b) (7)(C) | (b) (6) | (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: TI M&R Budget Discussion - Read Aheads

Attached is an issue paper, and a summary of cost estimates, by Sector and by bucket, with notes as to the source of the data. I am not sending the backup data workbook, but it is available if you need it. I'll have it at the meeting in case there are questions on it.

<<Issue Paper - Budget Estimate 1-26-2014.docx>> <<Historical TI MR Contract Cost Data - Roll-Up 1-26-2014.xlsx>>

-----Original Appointment-----

From: (b) (6), (b) (7)(C)
Sent: Wednesday, January 22, 2014 1:25 PM
To: (b) (6), (b) (7)(C) | (b) (6) | (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: TI M&R Budget Discussion
When: Monday, January 27, 2014 9:15 AM-10:00 AM (UTC-05:00) Eastern Time (US & Canada).
Where: (b) (6), (b) (7)(C) Office/ (b) (6)

(b) (5)

(b) (5), (b)(6);(b)(7)(C)



Sector	Work Requirement	G/G Quantity	Total Quantity	Unit of Measure (UM)	Cost per Year per UM	G/G Annual Cost	Total Annual Cost	Source
San Diego	Fencing & Gates	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)
	Roads & Bridges							
	Drainage & Grates							
	Lighting & Elec							
	Veg/Debris							
El Centro	Fencing & Gates	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)
	Roads & Bridges							
	Drainage & Grates							
	Lighting & Elec							
	Veg/Debris							
Yuma	Fencing & Gates	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)
	Roads & Bridges							
	Drainage & Grates							
	Lighting & Elec							
	Veg/Debris							
Tucson	Fencing & Gates	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)
	Roads & Bridges							
	Drainage & Grates							
	Lighting & Elec							
	Veg/Debris							
El Paso	Fencing	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)
	Roads							
	Drainage & Grates							
	Lighting & Elec							
	Veg/Debris							
Big Bend	Fencing & Gates	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)
	Roads & Bridges							
	Drainage & Grates							
	Lighting & Elec							
	Veg/Debris							
Del Rio	Fencing & Gates	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)
	Roads & Bridges							
	Drainage & Grates							
	Lighting & Elec							
	Veg/Debris							
Laredo	Fencing & Gates	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)
	Roads & Bridges							
	Drainage & Grates							
	Lighting & Elec							
	Veg/Debris							
Rio Grande Valley	Fencing & Gates	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)
	Roads & Bridges							
	Drainage & Grates							
	Lighting/Elec							
	Veg/Debris							
TOTALS	Fencing & Gates	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)	(b) (5), (b) (7)(E)
	Roads & Bridges							
	Drainage & Grates							
	Lighting/Elec							
	Veg/Debris							

NOTES:	(b)(6); (b)(7)(C); (b)(7)(E)	(b) (5)	Total Recommended Estimate
			PM Inventory Report Estimate
			Historical Cost Est vs. PM Cost Est.

Work Category	Estimated Cost
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Routine Contracted TI M&R

Real Estate/Environmental

Engineering (Studies/Designs)

Improvements

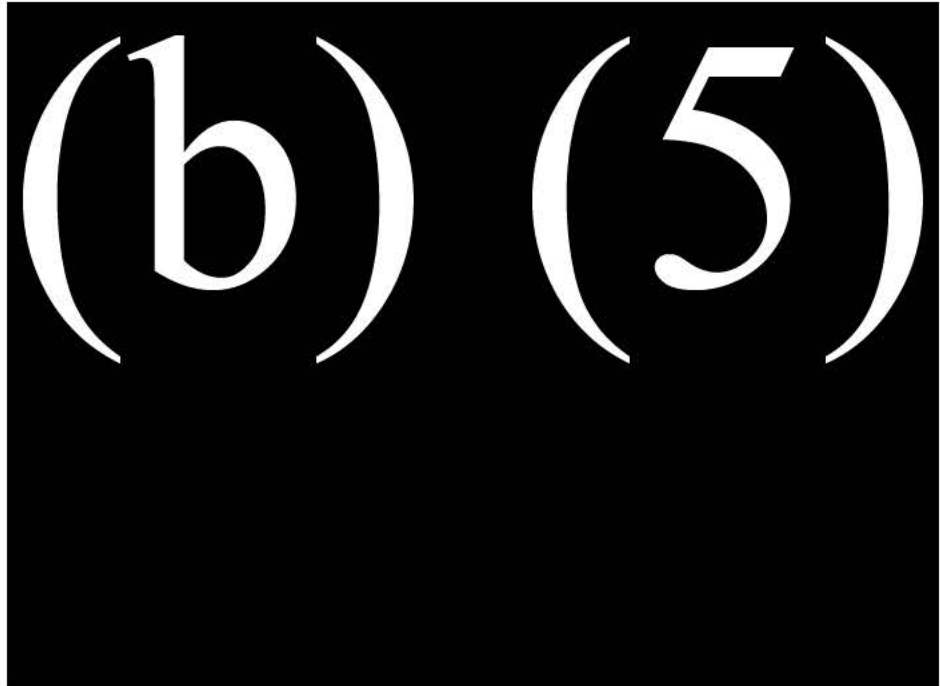
Recapitalization

MILCON (major repairs)

IAAs

MOAs

TOTAL M&R Budget



From: (b) (6)
To: (b) (6), (b) (7)(C)
Cc: (b) (6); (b) (6), (b) (7)(C)
Subject: Re: CBP BPFTI TACCOM Tower CAT1/CAT2 Urgent Repairs
Date: Wednesday, May 13, 2015 7:43:29 AM

(b) (6), (b) (7)(C) & (b) (6), (b) (7)(C) I appreciate the meeting. (b) (6), (b) (7)(C) and I contacted our Denver office and they want to help, too. We'll be in touch.
(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), P.E., PMP
Southern Border Executive and Director, DHS PMO
GSA Public Buildings Service
819 Taylor St, Ft Worth, TX 76102
(b) (6), (b) (7)(C)
www.gsa.gov

On Tue, May 12, 2015 at 5:56 PM, (b) (6), (b) (7)(C) <(b) (6), (b) (7)(C)> wrote:

Gents:

Thank you for your time and attention. We look forward to working with you all in working this requirement.

Regards,

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Tuesday, May 12, 2015 6:12 PM
To: (b) (6)
Cc: (b) (6), (b) (7)(C)
Subject: CBP BPFTI TACCOM Tower CAT1/CAT2 Urgent Repairs

(b) (6),

Thank you for your attention today. Please find attached a preliminary project description for the CBP Owned towers that need urgent attention. FYI: The description of needed repairs is all inclusion of the findings by the GSA-Parsons visual assessments, but our focus is o (b)(7)(E) (b) (5)

(b) (5)

The attached document's Cost Estimate is for completing the assessments and corrective repair. This can be pulled quickly into a SOW to accomplish the structural assessments to include a draft statement of work and, if necessary, drawings for corrective repair once we determine the most advantageous procurement strategy.

I have cc'd **(b) (6), (b) (7)(C)** and **(b) (6), (b) (7)(C)** the two TACCOM Project Managers, who would be your POC going forward. We look forward to any assistance you can provide us.

Best,

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), P.E., PMP

SME, Real Estate and Environmental Division

LMI Government Consulting

Border Patrol Facilities & Tactical Infrastructure

Program Management Office

Facilities Management & Engineering

Mobile: **(b) (6), (b) (7)(C)**

(b) (6), (b) (7)(C)

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From: (b) (6)
To: (b) (6), (b) (7)(C)
Subject: RE: Need your historical knowledge on WMS
Date: Tuesday, September 17, 2013 10:11:01 PM

All of these codes are to define the damage. I don't have a strong memory of why we had three different codes to define the damage except that the program development IPT wanted as much definition as possible. I have no strong opinion about keeping all different codes and am a supporter of simple and straight forward. So if one code gives us the information required, then why have two or more?

(b) (6), PE, CCE, PMP

LMI

**2000 Corporate Ridge
McLean, VA 22102-7805**

(b) (6), (b) (7)(C) P

Complex Problems. Practical Solutions.
www.lmi.org

From: (b) (6), (b) (7)(C)
Sent: Tuesday, September 17, 2013 5:23 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Need your historical knowledge on WMS

(b) (6), (b) (7)(C),

Those terms mirror terms used in SAP's Plant Maintenance Module, and are probably why someone thought they would be useful in our new system. After talking to (b) (6), (b) (7)(C) and looking at how each is used for Fencing damage, I don't see a lot of value in the "Damage Code" and "Cause Code". The "Damage Extent" is where we've described the damage (severed bollard, spread bollard, replace full panel, etc), and seems to be adequate to our data needs.

I reviewed the "Damage Extent" menus for the other buckets, and believe it would be helpful if (b) (6), (b) (7)(C) and I reviewed & refined those, and coordinate with (b) (6), (b) (7)(C) and the PMs as well. Then we can better assess if the "damage code" and "cause code" have any added value.

Please let me know if that sounds like a good approach to you.

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Monday, September 16, 2013 7:48 PM
To: (b) (6); (b) (6), (b) (7)(C)
Subject: Fw: Need your historical knowledge on WMS

See below.....do you recall this?

From: (b) (6), (b) (7)(C)
Sent: Monday, September 16, 2013 03:31 PM

To: (b) (6), (b) (7)(C)

Subject: Need your historical knowledge on WMS

(b) (6), (b) (7)(C),

The Damage Extent code is displayed in the WMS standard report in FITT – Reporting. The Baker team would like to know how the Damage Extent, Damage Code and Cause Code are used outside of WMS by the TI M&R group and whether there is a need to include the Damage Code and Cause Code fields in the report. Since you were heavily involved in the creation of the system, you may remember what the importance of those fields are and whether it is necessary to display all the fields in the report. We only want to add those fields if the data will be purposeful for the TI M&R group.

Thank you for your guidance.

(b) (6), (b) (7)(C)

Systems Lead, Business Operations Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering

(b) (6), (b) (7)(C) (w)

(b) (6), (b) (7)(C) (m)

(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Subject: RE: Weekly Report - 17 Oct (b) (6)
Date: Wednesday, October 16, 2013 2:48:55 PM

Thank you.

(b) (6), (b) (7)(C), CBM, PMP
Division Director, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
1301 Constitution Ave. NW, Suite B-155
Washington, DC 20004
Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
Sent: Wednesday, October 16, 2013 2:38 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
Subject: Weekly Report - 17 Oct (b) (6)

(b) (6), (b) (7)

Changes from the last update are in red.

Hot Issues

- RGV Gates
 - (b)(7)(E) gates (test gates) were accepted on 14 Nov 2012.
 - (b)(7)(E) gates were accepted on 15 July 2013
 - (b)(7)(E) gates (b)(7)(E) were accepted on 16 Aug 2013
 - **Final acceptance of gates in HRL/WSL/MSL expected by COB 16 Oct 2013.**
 - Deleted (b)(6), (b)(7)(C) Gap closure from contract due to (b)(6), (b)(7)(C) concern with (b) (6) Ramp
 - Will widen (b) (6) Ramp, improve access road, and install culvert at TXDOT swale. If (b)(6), (b)(7)(C) is OK, will then close his gap.
 - Design will be done by USACE; work will be done thru CTIMR.
 - Requested RE status for (b) (6) area 18 Sep to be sure work is cleared
 - Status received; USACE will stake limits during design.
 - Survey completed and data forwarded to Baker for design; initial design submittal expected in early November.
 - (b) (5)
 - Received letter from Weston 4 Sep asserting delays caused by lack of RE rights for provision of commercial power. It requests release of \$(b) (5) in retainage and unspecified delay costs.
 - USACE is issued a letter on 13 Sep removing contract limitations to completion of gates with generator testing. Also, no further retainage will be held for LD's. Weston has also advised that they will not need GFE generators, but will provide their own and backcharge later.

- All RE rights are in hand. Weston was advised on 10 Sep that we have all rights for (b)(7)(E) the last two.
- Of (b)(7)(E) gates without commercial power, Weston is fully responsible for (b)(7)(E) and USACE has issued purchase orders for primary (b)(7)(E) to AEP.
 - Two locations still need primary power. (b)(7)(E) is underway as of 14 Oct. No work started at (b)(7)(E) AEP is checking status.
 - Gates under Weston responsibility estimated to be completed by 25 Oct per USACE.
- Landowner training
 - Sector prepares a weekly training report that helps to bring focus on this issue. A report was provided last week, and forwarded to the IPT team.
- Warranty management
 - (b)(6), (b)(7) has (b)(6), (b)(7) tracking vandalism repairs/replacements done by Primus and impact on warranty, as well as tracking warranty calls.
 - Held a warranty management meeting for Monday, 9 Sep, to review processes with (b)(6), (b)(7) (b)(6), (b)(7)(C) USACE & Sector. Notes provided to all after the meeting.
- TECO'd 11 BRV gates 23 Aug in TRIRIGA
 - Three DD Fm 1354 documents (Transfer of Real Property) were signed and forwarded to USACE for the (b)(7)(E) test gates (b)(7)(E) FTB gates and (b)(7)(E) BRV gates.

Major Efforts

- ECSCO Round IV Contracts
 - Twelve contracts awarded. Only one contract is still in place
 - Yuma Lighting – Extension issued for 6 months to 30 November 2013. No further extensions allowed, so new contract being addressed under Round V.
- ECSCO Round V Contracts
 - \$120K transferred to ECSCO 29 Nov to cover PM to get contracts awarded.
 - TCA Fence
 - CN approved 29 May
 - Awarded 13 June.
 - Requested Option #1 be exercised when base period expires 24 Sep. ECSCO is working it.
 - TCA Roads – Awarded 21 Aug. Bonds received 25 Sep. NTP issued same day.
 - TCA Veg/Debris
 - Going sole source to previous contractor. Proposal rec'd 4 Sep. Contract awarded 30 Sep 2013.
 - YUM Lighting – (b)(5) .
Need date is 1 Dec 2013. Requested update 18 Sep and 16 Oct.
- CBP Gap Filler Contract – to fill gaps between Round IV and V and between Round IV/V and CTIMR. This is now limited to WA#2, TCA and YUM
 - TCA
 - Gate Opening Contract – new contract awarded 31 May to Pima Paving, Inc, for \$16,550. Remaining funds from \$95K PR are obligated and available for contingency use under the contract.
 - Lighting
 - Mod issued to extend PoP from 30 June to 30 Sep 2013, adding \$35K, making total contract \$68K.
 - New extension issued for \$33K which runs from 1 Oct to 31 Dec 2013.
 - YUM
 - Roads, Fence, Vegetation Control
 - Awarded 21 Jun 2013

Pre con held 9 Jul 2013

- \$1M is funded was obligated on 24 Sep 2013, extending the contract to 31 Mar 2014.
- Tactical Infrastructure Condition Index Working Group
 - Meeting held 8 April
 - Minutes/agenda sent 8 April for next meeting.
 - Milestones sent to BOD for SMR meeting 16 Jun

Good News

- (b)(7)(E) Bridge, EPT – New permanent fencing under bridge was inspected and accepted on 30 Aug 2013 by (b)(6), (b)(7)(C) and Sector.

Concerns

- (b)(7)(E) Fence Closure Project
 - Visited (b)(7)(E) area 27 Aug, where IBWC terminated their contract before closing the (b)(7)(E) fence line.
 - HCID#1, IBWC, Sector and BPFTI were present.
 - Developed scope for project for possible CIR funding.
 - **Draft PRD is in preparation.**
- EPT IAA for Vega Mowing
 - Latest discussion with IBWC on 17 Jul resulted in IBWC willingness to allow CTIMR to perform vegetation control in the vega.
 - (b)(6), (b)(7)(C) agrees to proceed with use of CTIMR under an MOA in lieu of an IAA.
 - We are collecting info requested by IBWC and will re-engage to confirm whether they'll agree to the MOA approach.
 - Meeting held 22 Aug to review status of our action items; meeting with IBWC held 5 Sep.
 - Agreement to proceed with MOA; currently developing draft. Draft MOA completed and forwarded for CBP review on 24 Sep. Comments due by 4 Oct.
 - **Meeting to discuss comments is scheduled for 17 Oct but will likely need to be moved due to the Shutdown.**
- EPT MOA for Levee Road Maintenance
 - (b)(6), (b)(7)(C) set up a call for Thursday with IBWC to discuss their Budget concerns.
 - IBWC to review MOA within next 2 weeks. (b)(5)
 - (b)(5), (b)(6);(b)(7)(C)
 - Meeting held with IBWC on 16 May to review changes proposed by each party.
 - CBP meeting held 29 May to review and establish negotiating position. OCC to provide revised MOA for review/discussion – received 4 Jun.
 - OCC revisions received & discussed at meeting on 11 Jun.
 - A call was held on 21 Jun which resolved all issues. IBWC to send a couple small changes. Also, I provided IBWC with a couple small changes last week.
 - (b)(6), (b)(7)(C) requested update from IBWC 9 Jul. IBWC advised on 26 Sep that end-of-year has delayed final review.
- (b)(7)(E) Bridge – Security Requirements
 - Span across Rio Grande has been installed, with fencing to deter pedestrian traffic.
 - Status as of 10 Jul 2013 (from CC construction manager)
 - CC contractor is laying track.

- Revised schedule shows 25 Nov 2013 completion
 - Mexico is reported to estimate a late October 2013 completion
 - CC is still reportedly looking for funding for CBP requirements
- Provided input for briefing for Reps. Carter and Vela on 13 Aug and information for “get backs” that resulted from the meeting.
- Schedule received from CC 29 Aug; contractor is not on schedule.
- RGV (b)(7)(E) Highway – Fence Relocation
 - Confirmed funding available from TxDOT & CCRMA bonds; final estimate not developed yet
 - Coordination w/IBWC will start once TxDOT approves draft EA
 - CC engineer sent latest schedule & draft EA 8 Mar
 - Forwarded EA to (b) (6), (b) (7)(C) 2 Apr.
 - Received maps from CC engineer 25 Jun.
 - Latest schedule received from TXDOT 28 Jan 2013. No change in contract letting date of Dec 2013. CCRMA is still working EA & BA.
 - Design has started.
 - Meeting held with CBP parties to discuss the way forward on 7 May.
 - Called TXDOT POC; design has not started as IBWC had stated. Will monitor until design starts and then engage.
 - TXDOT POC advised on 1 Oct that environmental negotiations with FWS is delaying overall schedule.
 - Sent draft PRD to ECSO and requested ROM & notional schedule – 18 Jun.
 - ECSO estimates 1 Aug for delivery
 - Provided HDR (b) (6), (b) (7)(C) with PRD & status update on 6 Aug.
 - Held discussion with Bryan 4 Sep to review scope and reconfirm need for cost/schedule input.
- CTIMR Support – Area 3
 - Reviewed CWP#1 and sent additional work from initial site visit for consideration.
 - Reviewed CWP#1 additional work elements on 1 Jul and sent 14 review comments/questions.
 - Due to time constraints with issuing CWP, comments will be discussed at a later time. Comment resolution needed on:
 - F&G 1049 – Retaining wall
 - R&B 1055 – (b)(7)(E) POE
 - L&E 1063 – Lighting inspection
 - V&D 1068, 1069, 1073, 1266-1269 – Veg loading/hauling/disposal
 - R&B 1258 – LWC repair
 - R&B 1260 – (b)(7)(E) road
 - Deferred items w/comments, or needing engrg support
 - R&B 1270 – (b)(7)(E) 309
 - V&D 1272 – Retention pond
 - R&B 1273 – (b)(7)(E) proposed repairs
 - R&B 1274 – (b)(7)(E), articulated mat at LWC
- CTIMR Support – Area 4
 - DRT.
 - Provided initial review and comments on proposed (b) (5), (b) (7)(E)
 - Working with (b)(6), (b)(7)(C) on final repair approach.
 - Requested review of the following work elements for CWP #5 on 13 Jun, once info is available:
 - (b) (7)(E) Road Surface Repair.

LRT

- Nothing pending
- RGV
 - Boat Ramps (Top 3) – working with PM & (b)(6); (b)(7)(C) on concept
 - Received depth info near each boat ramp 1 Oct
 - Waiting estimate from Primus on cofferdam cost
 - Maintenance Roads adjacent to fencing in Cameron County
 - Working with Pam/Sector on requirements for CWP #5
 - **Provided engineering guidance 16 Oct.**
 - MOA for Levee Road Maintenance – Held discussion with (b)(6), (b) & Sector on proposed new MOA on 12 Jun. Will wait for EPT final MOA and use it as a template.
 - Visited (b)(7)(E) with (b)(6), (b)(7) Primus, (b)(6), (b)(7)(C) & (b)(6), (b) 27 Aug.
 - (b)(5)
 - Primus will begin maintenance on cable/winch/roller system.

Deliverables

- **RGV Gates IPT minutes & agenda**
- **Provided engineering guidance on repairs to roads on north side of the Cameron County fence.**

(b)(6), (b)(7)

(b)(6), (b)(7)(C), PE, PMP

Program Manager

LMI

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

Office: (b)(6), (b)(7)(C)

Mobile: (b)(6), (b)(7)(C)

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From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Subject: RE: TI/Military Weekly Update 8/23/2013
Date: Friday, August 23, 2013 10:34:47 AM

10-4. Understood.

(b) (6), (b) (7)(C), PMP
Program Manager Lead for Projects and Milcon
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)
Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)
Sent: Friday, August 23, 2013 10:29 AM
To: (b) (6), (b) (7)(C)
Subject: RE: TI/Military Weekly Update 8/23/2013

Good point. May I suggest that you check with (b) (6), (b) (7)(C) The MATOC is all yours. (b) (6), (b) (7) is out of that business...

(b) (6), (b) (7)(C), CBM, PMP
Division Director, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
1301 Constitution Ave. NW, Suite B-155
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Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)
Sent: Friday, August 23, 2013 10:25 AM
To: (b) (6), (b) (7)(C)
Subject: RE: TI/Military Weekly Update 8/23/2013

Which ones....MATOC and ENABLE/ESPC?

I wasn't sure if they were being briefed by (b) (6), (b) (7)(C) and (b) (6), (b) (7)(C)

I can certainly add this into my weekly during my submittal. Below are my updates....

MATOC:

- Tucson Roads Contract was awarded on 8/21/2013 through the USACE.
- Tucson Veg/Deb RFP was issued on 8/21/2013 and due 9/4/2013 through the USACE.
- Request sent to (b) (6), (b) (7)(C) on 8/20/2013 for \$33k for the Tucson Lighting extension (CBP

contract). Contract expires on 9/30/2013 – the extension will be for 3 months and take us to 12/31/2013. Need DAC approval on the funds, PR transfer, and KO to extend contract

(b) (5)

- Request sent to (b) (6), (b) (7)(C) on 8/20/2013 for \$(b) (5) for the Tucson Fence Contract REA (CBP contract). Need DAC approval on the funds, PR transfer, and payment.
- Working with (b) (6), (b) (7)(C) and the USACE on the extension of the Yuma Fencing/Roads/Veg/Debris contract. Need DAC approval on the \$(b) (5) funds, PR transfer, and USACE extend the contract (b) (5)
- (b) (6), (b) (7)(C) The current contract expires 9/29/2013
- Working with the USACE to determine contact capacity for extension on the Yuma Lighting Contact. The current contract does not expire until 11/20/2013.

Yuma Lights ENABLE

- SSEB will be completed today with the Tech Team. The notice of intent to award is on schedule for 8/30/2013.
- Draft SOW follow-up meeting is scheduled for 8/26/2013 for review with the team. The Final SOW is on schedule to be completed by 9/4/2013 prior to the IGA Kickoff on 9/5/2013

ESPC Program

- Draft PRD is under review. Meeting to be set up next week with the team for next round of review and comments. Working closely with the Facility PMs in Yuma and El Centro Sector on the PRD.

Thanks,

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), PMP
Program Manager Lead for Projects and Milcon
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)

Sent: Friday, August 23, 2013 10:01 AM

To: (b) (6), (b) (7)(C)

Subject: RE: TI/Military Weekly Update 8/23/2013

(b) (6), (b) (7)(C)

Need to add your Special projects as well. Ok?

(b) (6), (b) (7)(C), CBM, PMP
Division Director, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office

Facilities Management and Engineering
1301 Constitution Ave. NW, Suite B-155
Washington, DC 20004
Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)
Sent: Friday, August 23, 2013 9:56 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C); (b) (6), (b) (7)(C); (b) (6), (b) (7)(C)
Subject: TI/Military Weekly Update 8/23/2013

TI/Military Weekly Update 8/23/2013

Hot Topics

- (b)(7)(E) Access Road: Gate was removed from the site to allow access for Border Patrol per collaboration with Real Estate. GSRC continues to finalize clearance for Environmental. (b) (3), (b) (5)
- ELC WDR Phase B 100% Drawings are available as of 7/19/13. Next JTF-N Unit is Tentative January – April 2014. BP (b)(7)(E) Design is being completed separately.
- (b)(7)(E) : Phase 1 100% Drawings are due 8/23/2013. Issue with the land owner – Environmental team continues to work this with DOI. Phase 2 Drawings are being worked.
- (b)(7)(E) Road: Final DCF SR sent out on 8/2/2013. Follow-up design meeting took place to separate actions from D&D and M&R. Continue to work with (b) (6), (b) (7)(C) on this effort. A/E PWS is being drafted. Future construction is pending further funding.
- (b) (7)(E) Cost Estimates and alignment to be submitted by the Forest Service 9/15/2013. No unit has been assigned to date for any work in FY14.
- (b) (7)(E) : On schedule for award on August 29th. NTP is tentative for September 13th. (b)(7)(E) Project is anticipated for completion on 8/23/2013 (entire pipe to be placed in the ground) – CBP continues to coordinate with the contractor and will coordinate with the contractor at the kickoff meeting.
- (b)(7)(E) RE continues on ownership of the land. USACE was in the field this week conducting Geotech. Real Estate is cleaning up the schedule for this project.
- (b)(7)(E) (Real Estate): (b)(7)(E) crossing survey exhibits have been completed and are being finalized. All finalized exhibits will be sent to IBWC in anticipation for our meeting on land ownership (to take place in ~3-4 weeks). Per Real Estate meeting held last week, we are approximately 5 months out from having (b)(7)(E) Crossings Green for Real Estate. Actions will be taken between now and the end of the Calendar year to finalize the RFP and Design package for solicitation.
- RGV (b)(7)(E) : Work in the field for Phase A ends on 8/24/2013. A walk through took place on 8/20/2013, to include the review of Option 4 Design from the USACE on Phase B.

Thanks,
(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), PMP
Project Manager, TI Project Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Weekly Report - 13 Dec (b) (6)
Date: Wednesday, December 12, 2012 4:14:10 PM

(b) (6), (b) (7)

Changes from the last update are in red.

Hot Issues

- Renewal Contracts – Round IV
 - Twelve contracts awarded. No more contracts are to be awarded (YUM Veg/Debris is on hold).
 - El Paso Fence – last option will expire 8 Jan
 - Yuma Fence – last option will expire 24 Jan
 - Tucson Fence – last option will expire 24 Jan
 - Yuma Roads – last option will expire 22 Jan
 - Tucson Roads – last option will expire 30 Jan
 - El Paso Roads – last option will expire 30 Jan
 - Tucson Veg/Debris – 1st option will start 22 Nov; last option expires 18 May
 - Yuma Lighting – 1st option will start 4 Nov; last option expires 30 Apr
 - El Paso Lighting – 1st option will start 5 Nov; last option expires 4 May
 - BBT Roads – requested last option be exercised.
 - EPT Veg/Deb – requested first option be exercised.
 - Each contract has 2 options, which each last 90 days
 - No MATOC capability exists for future Task Order needs after MATOCs expire
 - ECSO provided ROM estimate for WA #1, #2, #3, for new TI M&R contracts.
 - Also provided estimate for extensions, if approved by their CO.
 - Decision issued 9 Nov – no extensions allowed.
 - Standing down on using ECSO for gap filler for WA#1.
 - \$120K transferred to ECSO 29 Nov to cover PM to get contracts awarded.
 - EPT and TCA Fence were identified as top priority needs, with TCA and EPT Roads next.
 - We are considering options for TCA Lighting and YUM Roads.
 - Also working with (b) (6), (b) (7)(C) on TCA Gate Opening contract extension and TCA Lighting reprocurement.
 - 45 day gap filler packages sent to (b) (6), (b) (7)(C) for review for TCA and EPT Fencing.
 - Funds requests submitted and approved for both.
 - Gate maintenance is deleted from TCA contract, after coordination with (b) (6), (b) (7)(C). Allows 45 day PoP vs. 1 mo.
 - EPT Fencing RFP sent to Cerrudo for proposal 11 Dec.
 - Sent (b) (6), (b) (7)(C) sole source request for TCA Fencing due to timely TERO clearance concerns.
 - Working on budget and estimated quantities for EPT & TCA Fence and Roads contracts with (b) (6), (b) (7)(C), ECSO.
- (b)(7)(E) Bridge – Security Requirements

(b) (5)

(b) (5)

- o Span across Rio Grande has been installed, with fencing to deter pedestrian traffic.
- o Completion of (b)(7)(E) project is on hold, per County's construction manager.
 - Real estate acquisition is now complete.
 - CC is waiting on a proposal from contractor to complete the project.
 - o (b) (5)
 - (b) (5)
 - (b) (5)
 - (b) (5)
- o Sent CCRMA email offering swing gate option 7 Dec.
- o Provided (b) (6), (b) (7)(C) with updated issue paper 10 Dec.
- (b)(7)(E) Boat Ramp
 - o Revised PRD is in technical review as of 9 Oct. PRD addresses phase 1 need for surveys of river bottom, and for gradient boundary line.
 - o Phase 2 PRD will be developed once scope is confirmed with Sector following receipt of survey results.
 - o PRD is final and was sent to ECSO for action.
 - o Advised (b) (6), (b) (7)(C) on 28 Nov that she is the PM for this action and I will provide engineering support.
 - o As requested by ECSO, I worked with (b) (6), (b) (7)(C) to obtain "govie" approval to use \$29K sent to ECSO in Sep 2011.

Major Efforts

- RGV Gates
 - o Plan-in-hand site inspection held for second set of designs (b)(7)(E) on 4 Dec.
 - Final design dwgs received for 1st package (b)(7)(E)
 - o Test gates were accepted on 14 Nov
 - o DOJ got possession of Loop tracts on 15 Nov. Delay to Weston may be ~15 days due to extended time to mobilize subs, per discussion between USACE/Weston.
 - Updated schedule received showing work starting at (b)(7)(E) on 3 Dec.
 - Pier subcontractor is accelerating his schedule. We are working with OCC & DOJ to assure landowners are notified.
 - CR received in FITT for negotiated \$23K for delayed NTP/remob for (b)(7)(E) gates.
 - Pier drilling started at (b)(7)(E) Contractor plans to complete concrete work at 4 gates before Xmas.
 - o RE working on possession of fee under levee for (b)(7)(E)
 - Significant issues at (b)(7)(E) meeting scheduled for 17 Dec w/OCC/DOJ, etc.
 - o Gate Closure Communications
 - BPFTI sent 10 landowner notice letters
 - (b) (5)
 - BOD has message on HOTLINE advising of new schedule, and is providing updates.
 - Emails sent to law enforcement, emergency responders and other governmental agencies on 12 Dec.

Landowner training

- Sector is training the Station trainers on 11/12 Dec.

Good News

Concerns

- RGV (b)(7)(E) Highway – Fence Relocation
 - Confirmed funding available from TxDOT & CCRMA bonds; final estimate not developed yet
 - Coordination w/IBWC will start once TxDOT approves draft EA
 - CC engineer sent latest schedule & draft EA 8 Mar
 - Forwarded EA to (b) (6), (b) (7)(C) 2 Apr.
 - Received maps from CC engineer 25 Jun.
 - TXDOT (thru IBWC) provided schedule info, noting a contract letting date of Dec 2013.
 - Latest schedule received from TXDOT 28 Nov. No change in contract letting date of Dec 2013.
- IBWC Riverside MOA & design
 - Response to BPFTI comments received
 - Some items will need to be funded by BPFTI
 - Draft MOA submitted to IBWC 15 June for review.
 - Received IBWC comments and sent CBP comments to them on 22 Oct.
 - Working IAA for guard rail and security grating over valve vault
 - USACE will initiate design – tasked to them 14 Sep.
 - Requested update 16 Oct.
 - Will contract separately from IBWC, so no IAA will be required.
- Grate Raising Winches (b)(7)(E) RGV
 - Legal advised that O&M was correct funds source. Drafted PRD
 - RE input received; requested RE and ECSO cost/schedule info 18 Oct
 - ECSO continues to have trouble getting in-house engineering support.
 - ECSO PM provided estimate on 20 Jun. Will request updated estimate e to cover (b)(7)(E) grate as well.
 - Discussed with (b) (6), (b) (7)(C) turning over PM duties for this PRD, 12 Dec. I will be engineering support
- (b)(7)(E) Grates – vegetation accumulations are resulting in high maintenance and need to raise grates and hold them open.
 - Current Hidalgo County design does not allow for holding grates open, and makes lifting grates difficult and possibly a safety concern for inexperienced workers.
 - Received test data from (b) (6), (b) (7)(C) & (b) (6), (b) (7)(C) on pins for pinning proposal 15 Oct.
 - Currently evaluating data.
 - (b) (5)
 - I'll discuss with (b) (6), (b) (7)(C) whether she wants to initiate a study.
- CTIMR Support – Area 4
 - RGV - providing technical support for (b) (6), (b) (7)(C) on unsuitable caliche for levee maintenance, on (b)(7)(E) maintenance scope, and on lifting system for (b)(7)(E) grates.
 - Working to establish standard specification for caliche.
 - Collecting sample caliche specs & discussing issues with local supplier's engineer.
 - Need to finalize standard for (b)(7)(E); need to reconfirm Sector requirement for width (b) (6), (b) (7)(C) and get (b) (6), (b) (7)(C) final review.

- RGV Access Road M&R
 - Visited Sector and site with Primus & (b) (6), (b) (7)(C) & (b) (6), (b) (7)(C).
 - Prepared recommendations for M&R for CWP#2 access roads.
 - Discussions held 12 Oct with (b) (6), (b) (7)(C) to finalize task descriptions for access roads
 - Received Primus recommendations for road M&R categories for future classification of M&R.

(b) (5), (b) (7)(E)

- Worked with (b) (6), (b) (7)(C) to clarify standards for cross slopes and aggregate thickness calculations

Deliverables

- RGV Gates IPT minutes for 28 November meeting
- Sole source justification for TCA Fence gap filler for CBP contracting.

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), PE, PMP
Program Manager
LMI
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
"Excel as a trusted strategic partner enhancing

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: (b)(7)(E) Updated DRAFT PRD
Date: Monday, March 25, 2013 2:43:04 PM
Attachments: [spr \(b\)\(7\)\(E\) Draft PRD 32213.docx](#)

I did a quick review and inserted my suggested edits and comments in the attached document.

From: (b) (6), (b) (7)(C)
Sent: Monday, March 25, 2013 1:54 PM
To: (b) (6), (b) (7)(C)
Subject: FW: O1-O3 Updated DRAFT PRD

Let me know what you think...

(b) (6), (b) (7)(C), CBM, PMP
Division Director, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
1301 Constitution Ave. NW, Suite B-155
Washington, DC 20004
Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
Sent: Friday, March 22, 2013 3:27 PM
To: (b) (6), (b) (7)(C) (b) (6) (b) (6), (b) (7)(C)
(b) (6) (b) (6), (b) (7)(C)
(b) (6)
(b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: O1-O3 Updated DRAFT PRD

Good Afternoon Everyone,

Attached you will find the current working draft of the (b)(7)(E) PRD. Please keep in mind that sections of this PRD are expected to change as comments and edits are received.

Regard,

(b) (6), (b) (7)(C)
Program Analyst, Business Operations
Border Patrol Facilities & Tactical Infrastructure
Program Management Office
Facilities Management & Engineering
Phone: (b) (6), (b) (7)(C)
Email: (b) (6), (b) (7)(C)

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(b) (5), (b) (7)(E)

(b) (5), (b) (7)(E), (b)(6);(b)(7)(C)

(b) (5), (b) (7)(E)

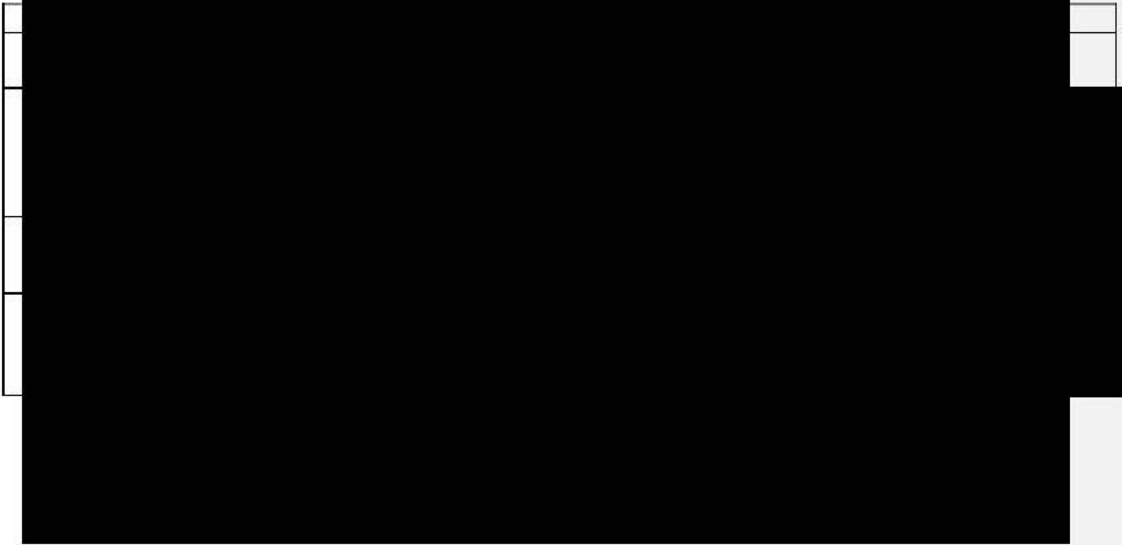
(b) (5), (b) (7)(E)

(b) (5), (b) (7)(E)

(b) (5), (b)(6);(b)(7)(C)

(b) (5), (b) (7)(E)

(b) (5), (b) (7)(E)



(b) (5), (b) (7)(E)

(b) (5)

(b) (5), (b) (7)(E)

b) (5), (b) (7)(E)

(b) (5)

commented [AU6] (b) (5)

(b) (5), (b) (7)(E)

(b) (5)

(b) (5), (b) (7)(E)

(b) (5), (b) (7)(E)

(b) (5), (b) (7)(E), (b)(6);(b)(7)(C)



From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C); (b) (6), (b) (7)(C)
Subject: Weekly Report - 28 Mar (b) (6), (b) (7)(C)
Date: Wednesday, March 27, 2013 10:03:52 PM

(b) (6), (b) (7)

Changes from the last update are in red.

Hot Issues

- RGV Gates
 - Work is progressing from (b)(7)(E) Pier drilling and pier caps complete on all gates in (b)(7)(E) Steel fabrication continues to delay progress for Weston.
 - Gate testing in (b)(7)(E) may begin in early April, but is being delayed by lack of some components.
 - Working issue in Hidalgo County on alternate access. (b) (6), (b) (7)(C) coordinating issues at (b)(7)(E) (b)(7)(E) with Weston.
 - (b)(7)(E) resolved – Weston will have one of (b)(7) gates open for access. No cost; approved by sub.
 - (b)(7)(E) – being worked.
 - (b)(7)(E) – (b) (6), (b) (7)(C) will discuss w/Weston doing one of two gates at a time, to provide access to B&M Bridge Co. pumps.
 - Due to anticipated late utility access rights, (b) (5)
 - Received a formal proposal from Weston for the (b) (6) Gate/ramp/filler fence for about \$(b) (5) IGCE is \$241; USACE is finalizing negotiations and will mod contract shortly.
 - Gate Closure Communications
 - BOD has message on HOTLINE advising of new schedule, and is providing updates.
 - Working on notification letters to landowners from (b)(7)(E)
 1. Completed (b)(7)(E) and (b)(7)(E) and (b)(7)(E). Working (b)(7)(E) and (b)(7)(E).
 - Landowner training
 - Sector training held for the Station trainers on 11/12 Dec.
 - OCC was provided final training documents for use by DOJ appraisers.
 - Sector is accepted final training documents; CD sent to Sector 25 March.
 - IBWC coordination
 - Facilitated meeting with IBWC to discuss their approval of Design Packages #1 and #2. (b) (6), (b) (7)(C) arranged the meeting.
 - Provided real estate information they requested for (b)(7)(E) on 1 Feb.
 - IBWC approved DP#3; (b) (6), (b) (7)(C) will contact IBWC for formal approval.
 - Waiting on IBWC update on Upper Brownsville Levee Rehab award.
 - (b) (6), (b) (7)(C) sent note on 20 Feb asking for an update.
 - IBWC response 22 Feb – delay in NTP; no start date estimated.

Major Efforts

- Renewal Contracts – Round IV
 - Twelve contracts awarded. No more contracts are to be awarded (YUM Veg/Debris is on hold).

- El Paso Fence – last option expired 8 Jan
 - Yuma Fence – last option expired 24 Jan
 - Tucson Fence – last option expired 24 Jan
 - Yuma Roads – last option expired 22 Jan
 - Tucson Roads – last option expired 30 Jan
 - El Paso Roads – last option expired 30 Jan
 - BBT Roads – last option expired 26 Mar.
 - Tucson Veg/Debris – last option will expire 21 May; extension available.
 - Yuma Lighting – last option will expire 3 May; extension available
 - El Paso Lighting – last option will expire 4 May; extension available
 - EPT Veg/Deb – first option has been exercised, good thru 30 Mar. ECSO awarded 2nd (last) option 20 Mar.
- ECSO Round V Contracts (TCA, EPT, BBT)
 - \$120K transferred to ECSO 29 Nov to cover PM to get contracts awarded.
 - EPT and TCA Fence were identified as top priority needs, with TCA and EPT Roads next, and BBT Roads/Veg/Debris next.
 - Also working with (b) (6), (b) (7)(C) on TCA Gate Opening contract extension and TCA Lighting reprocurement.
 - Gate opening contract was extended effective 17 Feb, for 3 months thru mid-May 2013.
 - (b) (6), (b) (7)(C) is working new lighting contract thru Sector procurement.
 - YUM M&R coverage
 - Fence will be done in-house until CTIMR
 - Roads will be done in-house and with small contract thru CBP Procurement
 - Gap filler roads/veg/debris contract being developed by (b) (6), (b) (7) – under \$(b) (5).
 - CBP Gap Filler packages sent to (b) (6), (b) (7)(C) for review for TCA and EPT Fencing.
 - EPT Fencing contract awarded to Cerrudo 19 Dec for \$142,518.98, from 9 Jan – 23 Feb 2013.
 - Extension issued with additional \$135,393.10 to cover services thru 31 March.
 - (b) (6), (b) (7)(C) to extend to 30 April; available funding may stretch to 20 April. Will need DJI to transition soon. No additional funding available.
 - TCA Fencing PO issued to Capers in the amount of \$82,243.36 on 3 Jan 2013.
 - Mod issued 13 Mar extending contract to 12 May 2013, and adding \$89.8K.
- Working on budget and estimated quantities for EPT & TCA Fence and Roads contracts with (b) (6), (b) (7)(C), ECSO.
 - Baseline schedule showed NTP of 11 Mar 2013 for all four contracts.
 - Schedule update on 6 March shows NTP's as follows;
 - TCA Fence – 20 April
 - TCA Roads – 9 April
 - EPT Fence – cancelled due to start of CTIMR
 - EPT Roads – cancelled due to start of CTIMR
 - BBT Roads – cancelled due to start of CTIMR.
 - Proposals received on TCA contracts.
 - TCA Fence proposal was within IGCE. TCA Roads is negotiable.
 - Funds provided 8 Jan for \$2,118K for 4 contracts.
 - ECSO requested additional \$200K for TCA Roads, and \$250K for initial PM

and Construction Oversight on 20 Mar.

- ECSO agreed to provide Const O/S support for CBP gap filler fencing contracts, and requested \$(b)(5) on 2 Jan. Funds approved by (b)(6), (b)(7) and provided to ECSO.
- Tactical Infrastructure Condition Index Working Group
 - First meeting held 1 March.
 - Second meeting held 22 Mar; next meeting is 8 April

Good News

Concerns

- (b)(7)(E) Bridge – Security Requirements

(b) (5)

- (b)(6), (b)(7)(C) from OFO HQ called on 22 Jan to get update on (b)(7)(E) He's involved with UP settlement funding. (b)(5), (b)(6);(b)(7)(C)
- Reached out to CC counsel on easement outgrant 28 Jan due to slow progress. Waiting response, (b)(5)
- Provided support to BOD for meeting with Congressional staffs held on 15 Feb.
 - Advised by BOD that CC is still applying to the state for funding.
- Span across Rio Grande has been installed, with fencing to deter pedestrian traffic.
- Completion of (b)(7)(E) project is on hold, per County's construction manager.
 - Real estate acquisition is now complete.
 - (b)(5)
 - (b)(5)
 -
 -
- Sent CCRMA email offering swing gate option 7 Dec.
- RGV (b)(7)(E) Highway – Fence Relocation
 - Confirmed funding available from TxDOT & CCRMA bonds; final estimate not developed yet
 - Coordination w/IBWC will start once TxDOT approves draft EA
 - CC engineer sent latest schedule & draft EA 8 Mar
 - Forwarded EA to (b)(6), (b)(7)(C) 2 Apr.
 - Received maps from CC engineer 25 Jun.
 - Latest schedule received from TXDOT 28 Jan 2013. No change in contract letting date of Dec 2013. CCRMA is still working EA & BA.
- IBWC Riverside MOA & design
 - Response to BPFTI comments received

- Some items will need to be funded by BPFTI
 - Draft MOA submitted to IBWC 15 June for review.
 - Received IBWC comments and sent CBP comments to them on 22 Oct.
 - Working IAA for guard rail and security grating over valve vault
 - USACE will initiate design – tasked to them 14 Sep.
 - Requested update 16 Oct.
 - Will contract separately from IBWC, so no IAA will be required.
 - IBWC advised on 28 Feb that project does not have funding and will be shelved until funding is available. Guard rail and security grating should be considered for continued action.
- CTIMR Support – Area 4
 - RGV - providing technical support for (b) (6), (b) (7)(E) on unsuitable caliche for levee maintenance, on (b) (7)(E) maintenance scope, and on lifting system for (b) (7)(E) grates.
 - Provided technical review comments on CWP#4 for RGV CLIN 2 (roads) on 12 Mar.
 - (b) (5), (b) (7)(E)
 - Corrected work on road to be retested (b) (7)(E)
 - Resolved (b) (7)(E) maintenance approach with (b) (6), (b) (7)(E) & (b) (6), (b) (7)(E)
 - Adjusted M&R approach on (b) (7)(E) Rd and (b) (7)(E) Rd
 - Working to establish standard specification for caliche.
 - Collecting sample caliche specs & discussing issues with local supplier's engineer.
 - Need to finalize standard for (b) (7)(E); need to reconfirm Sector requirement for width (b) (6), (b) (7)(E) and get (b) (6), (b) (7)(E) final review.
 - RGV Access Road M&R
 - Visited Sector and site with Primus & (b) (6), (b) (7)(E) & (b) (6), (b) (7)(E).
 - Prepared recommendations for M&R for CWP#2 access roads.
 - Discussions held 12 Oct with (b) (6), (b) (7)(E) to finalize task descriptions for access roads
 - Received Primus recommendations for road M&R categories for future classification of M&R.
 - (b) (5), (b) (7)(E)
 - (b) (5), (b) (7)(E)
 - Worked with (b) (6), (b) (7)(E) to clarify standards for cross slopes and aggregate thickness calculations

Deliverables

- RGV Gates IPT minutes & agenda
- TICI Wkg Gp minutes and agenda

(b) (6), (b) (7)(E)

(b) (6), (b) (7)(E), PE, PMP
 Program Manager
 LMI
 Border Patrol Facilities and Tactical Infrastructure

Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
*"Excel as a trusted strategic partner enhancing
Border Patrol's proud legacy"*

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Weekly Report - 25 Jan (b) (6), (b) (7)(C)
Date: Sunday, January 27, 2013 10:54:58 AM

(b) (6), (b) (7)

Sorry for the late report. Changes from the last update are in red.

Hot Issues

- RGV Gates
 - Updated schedule received 20 Dec from Weston/USACE
 - Accelerates gate closings; impacting RE availability.
 - We are accelerating RE efforts in (b)(7)(E)
 - Pier drilling and pier caps ongoing in (b)(7)(E). Structural framing installation begun at (b)(7)(E).
 - (b) (6), (b) (7) proposed use of ramps at (b)(7)(E) Gate; also possible use at (b)(7)(E) as needed. Approved by (b) (6), (b) (7) 18 Jan for RFP. During site visit, approval to proceed was not provided. (b) (5)
 - RE working on possession of fee under levee for (b)(7)(E) for alternate access
 - Significant issues at (b)(7)(E); meeting held on 17 Dec w/OCC/DOJ, etc.
 - USACE confirmed with (b) (6), (b) (7)(C) that he and son are only ones farming south of levee in (b)(7)(E). Other landowners can access next to water tower. USACE send letter to confirm discussions 24 Jan.
 - Contacted IBWC for permit for landowners to use levee road in (b)(7)(E) during gate closures. Request submitted Friday, 11 Jan. Followed up 27 Jan.
 - Gate Closure Communications
 - BOD has message on HOTLINE advising of new schedule, and is providing updates.
 - Working on notification letters to landowners from (b)(7)(E)
 - Landowner training
 - Sector training held for the Station trainers on 11/12 Dec.
 - Documents are final, and will be transmitted to Sector by the end of next week.

Major Efforts

- Renewal Contracts – Round IV
 - Twelve contracts awarded. No more contracts are to be awarded (YUM Veg/Debris is on hold).
 - El Paso Fence – last option will expire 8 Jan
 - Yuma Fence – last option will expire 24 Jan
 - Tucson Fence – last option will expire 24 Jan
 - Yuma Roads – last option will expire 22 Jan
 - Tucson Roads – last option will expire 30 Jan
 - El Paso Roads – last option will expire 30 Jan
 - Tucson Veg/Debris – 1st option will start 22 Nov; last option requested 8 Jan & will expire 18 May
 - Yuma Lighting – 1st option will start 4 Nov; last option requested 8 Jan & will expire

30 Apr

- El Paso Lighting – 1st option will start 5 Nov; last option requested 8 Jan and will expire 4 May
- BBT Roads – last option will expire 26 Mar.
- EPT Veg/Deb – first option has been exercised, good thru 11 Apr
- Each contract has 2 options, which each last 90 days
- No MATOC capability exists for future Task Order needs after MATOCs expire
- ECSO provided ROM estimate for WA #1, #2, #3, for new TI M&R contracts.
 - Also provided estimate for extensions, if approved by their CO.
 - Decision issued 9 Nov – no extensions allowed.
 - Standing down on using ECSO for gap filler for WA#1.
 - \$120K transferred to ECSO 29 Nov to cover PM to get contracts awarded.
 - EPT and TCA Fence were identified as top priority needs, with TCA and EPT Roads next, and BBT Roads/Veg/Debris next.
 - Also working with (b) (6), (b) (7)(C) on TCA Gate Opening contract extension and TCA Lighting reprocurement.
 - Gate opening contract will be extended for 3 months thru mid-May 2013.
 - (b) (6), (b) (7)(C) will work new lighting contract thru Sector procurement.
 - YUM M&R coverage
 - Fence will be done in-house until CTIMR
 - Roads will be done in-house and with small contract thru CBP Procurement
 - Gap filler roads/veg/debris contract being developed by (b) (6), (b) (7) – under \$(b) (5).
 - 45 day gap filler packages sent to (b) (6), (b) (7)(C) for review for TCA and EPT Fencing.
 - Funds requests submitted and approved for both.
 - Gate maintenance is deleted from TCA contract, after coordination with (b) (6), (b) (7)(C). Allows 45 day PoP vs. 1 mo.
 - EPT Fencing contract awarded to Cerrudo 19 Dec for \$142,518.98, from 9 Jan – 23 Feb 2013.
 - Precon held by (b) (6), (b) (7)(C) 8 Jan; work started 9 Jan
 - TCA Fencing PO issued to Capers in the amount of \$82,243.36 on 3 Jan 2013. Precon held 14 Jan, with follow up coordination call with USACE COR for FBM/inspection support on 15 Jan.
 - **Need to discuss extensions on both with (b) (6), (b) (7)(C)**
 - Working on budget and estimated quantities for EPT & TCA Fence and Roads contracts with (b) (6), ECSO.
 - Schedule received that has NTP of 11 Mar 2013 for all four contracts.
 - Funds provided 8 Jan for \$(b) (5) for 4 contracts.
 - ECSO reviewing need for PgM and Const O/S funding and will provide adjusted estimates.
 - ECSO agreed to provide Const O/S support for CBP gap filler fencing contracts, and requested \$(b) (5) on 2 Jan. Funds approved by (b) (6), (b) (7) and provided to ECSO.
 - **Tactical Infrastructure Condition Index Working Group**
 - Team members have been identified, except BP
 - Meeting will be scheduled for ORMB and BPFTI management to discuss (b) (6), (b) (7)(C) concerns.

Good News

Concerns

- (b)(7)(E) Bridge – Security Requirements
 - (b) (5), (b)(6);(b)(7)(C)
 - Span across Rio Grande has been installed, with fencing to deter pedestrian traffic.
 - Completion of (b)(7)(E) project is on hold, per County's construction manager.
 - Real estate acquisition is now complete.
 - (b) (5)
 - (b) (5)
 -
 -
 - Sent CCRMA email offering swing gate option 7 Dec.
- (b)(7)(E) Boat Ramp
 - (b) (6), (b) (7)(C) is the PM, so I will only report on my engineering support from this point forward.
 - (b) (5), (b)(6); (b)(7)(C)
- RGV (b)(7)(E) Highway – Fence Relocation
 - Confirmed funding available from TxDOT & CCRMA bonds; final estimate not developed yet
 - Coordination w/IBWC will start once TxDOT approves draft EA
 - CC engineer sent latest schedule & draft EA 8 Mar
 - Forwarded EA to (b) (6), (b) (7)(C) 2 Apr.
 - Received maps from CC engineer 25 Jun.
 - TXDOT (thru IBWC) provided schedule info, noting a contract letting date of Dec 2013.
 - Latest schedule received from TXDOT 28 Nov. No change in contract letting date of Dec 2013.
- IBWC Riverside MOA & design
 - Response to BPFTI comments received
 - Some items will need to be funded by BPFTI
 - Draft MOA submitted to IBWC 15 June for review.
 - Received IBWC comments and sent CBP comments to them on 22 Oct.
 - Working IAA for guard rail and security grating over valve vault
 - USACE will initiate design – tasked to them 14 Sep.
 - Requested update 16 Oct.
 - Will contract separately from IBWC, so no IAA will be required.
- Grate Raising Winches ((b)(7)(E) RGV)
 - Legal advised that O&M was correct funds source. Drafted PRD
 - RE input received; requested RE and ECSO cost/schedule info 18 Oct
 - ECSO continues to have trouble getting in-house engineering support.
 - ECSO PM provided estimate on 20 Jun. Will request updated estimate e to cover

- (b)(7)(E) grate as well.
- Discussed with (b)(6), (b)(7)(C) turning over PM duties for this PRD, 12 Dec. I will be engineering support
- (b)(7)(E) Grates – vegetation accumulations are resulting in high maintenance and need to raise grates and hold them open.
 - Current Hidalgo County design does not allow for holding grates open, and makes lifting grates difficult and possibly a safety concern for inexperienced workers.
 - Received test data from (b)(6), (b)(7)(C) & (b)(6), (b)(7)(C) on pins for pinning proposal 15 Oct.
 - Currently evaluating data.
 - (b)(5)
 - I'll discuss with (b)(6), (b)(7)(C) whether she wants to initiate a study.
- CTIMR Support – Area 4
 - RGV - providing technical support for (b)(6), (b)(7)(C) on unsuitable caliche for levee maintenance, on (b)(7)(E) maintenance scope, and on lifting system for (b)(7)(E) grates.
 - Working to establish standard specification for caliche.
 - Collecting sample caliche specs & discussing issues with local supplier's engineer.
 - Need to finalize standard for (b)(7)(E); need to reconfirm Sector requirement for width (b)(6), (b)(7)(C) and get (b)(6), (b)(7)(C) final review.
 - RGV Access Road M&R
 - Visited Sector and site with Primus & (b)(6), (b)(7)(C) & (b)(6), (b)(7)(C).
 - Prepared recommendations for M&R for CWP#2 access roads.
 - Discussions held 12 Oct with (b)(6), (b)(7)(C) to finalize task descriptions for access roads
 - Received Primus recommendations for road M&R categories for future classification of M&R.
 - (b)(5), (b)(7)(E)
 - (b)(5), (b)(7)(E)
 - Worked with (b)(6), (b)(7)(C) to clarify standards for cross slopes and aggregate thickness calculations

Deliverables

- RGV Gates IPT minutes & agenda

(b)(6), (b)(7)(C)

(b)(6), (b)(7)(C), PE, PMP

Program Manager

LMI

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

Office: (b)(6), (b)(7)(C)

Mobile: (b)(6), (b)(7)(C)

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From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)EL
Cc: (b) (6), (b) (7)(C); (b) (6)
Subject: Weekly Report - 4 Oct 2012 (b) (6), (b) (7)(C)
Date: Thursday, October 04, 2012 12:27:17 PM

(b) (6), (b) (7)

Changes from the last update are in red.

Hot Issues

- Renewal Contracts
 - Twelve contracts awarded. No more contracts are to be awarded (YUM Veg/Debris is on hold).
 - Requested ECSO exercise seven (7) options for contracts expiring late Jul to early Aug.
 - EPT Fence option exercised 10 July
 - Six additional options were exercised in Jul/Aug (TCA/YUM Fence, TCA/YUM/EPT/BBT Roads)
 - No MATOC capability exists for future Task Order needs
- (b)(7)(E) Bridge – Security Requirements
 - (b) (5), (b) (6); (b) (7)(C)
 - Span across Rio Grande is scheduled to be installed by Mexico on 7 September.
 - Meeting held with County on Friday to review their proposal for temp fencing on the bridge.
 - CC reports new “earmark” funding they will be pursuing in a trip to Austin this week.
 - Working to reconfirm coordination on use of swing gates.
 - Span across river has been installed, with fencing to deter pedestrian traffic.
- (b)(7)(E) Boat Ramp
 - Visited site with (b) (6), (b) (7)(C) on 30 Aug to discuss scope and take rough measurements for sketches.
 - Finalized design sketches and sent to RE & Env for review 7 Sep.
 - (b) (6), (b) (7)(C) sent them to IBWC for review.
 - (b) (5) ?
- (b)(7)(E) Boat Ramp
 - Revised PRD will go in to formal technical review 4 Oct. PRD addresses phase 1 need for surveys of river bottom, and for gradient boundary line.
 - Phase 2 PRD will be developed once scope is confirmed with Sector following receipt of survey results.

Major Efforts

- Contingency Contract Plans for WA#1
 - Working with (b) (6), (b) (7)(C) on backup plans for WA#1 and other areas.
- RGV Gates
 - Winch, trolley and bird spike issues resolved.
 - NTP for design expected to be issued Thursday, 4 Oct, with new period of performance thru

25 May 2013.

- First set of designs (14) expected ~12 Oct, with plan-in-hand site visit the week of 22 Oct.
- Second set of designs (15) may be ready to submit ~7 Nov.
- Contractor mobilized last week to make final changes to gates, and clear up all punch list items. Expects to begin final tests ~15 Oct, with government acceptance by 22 Oct.
- Gate Closure Communications
 - Alternate access routes being worked by USACE RE and (b) (6), (b) (7)(C)
 - Sample letter being developed/coordinated by (b) (6), (b) (7)(C)
 - May send earlier notice of proposed closure dates to ferret out problems (harvest, etc)
 - Strategy discussed with Weston at Progress Mtg on 4 Oct. Follow-up call will be held.
- Landowner training
 - Editable slides received from USACE/Weston. (b) (6) will edit for landowner and emergency responder training.
 - DHS coordination issue being discussed by management.
 - Sector will assure agents are trained to train landowners. Sector has received contract-required training.

Good News

- .

Concerns

- RGV (b)(7)(E) Highway – Fence Relocation
 - Confirmed funding available from TxDOT & CCRMA bonds; final estimate not developed yet
 - Coordination w/IBWC will start once TxDOT approves draft EA
 - CC engineer sent latest schedule & draft EA 8 Mar
 - Forwarded EA to (b) (6), (b) (7)(C) 2 Apr.
 - Received maps from CC engineer 25 Jun.
 - TXDOT (thru IBWC) provided schedule info, noting a contract letting date of Dec 2013.
- IBWC Riverside MOA & design
 - Response to BPFTI comments received
 - Some items will need to be funded by BPFTI
 - Draft MOA submitted to IBWC 15 June for review.
 - Comments received 10 Sep. Sent for review 11 Sep.
 - Review conference held; revised version sent for review.
 - Additional comments received; will schedule teleconference to resolve.
 - (b) (6), (b) (7)(C) resolved dispute over responsibility for moving CBP's fence – IBWC accepted responsibility.
 - Working IAA for guard rail and security grating over valve vault
 - USACE will initiate design starting next Friday.
 - Will contract separately from IBWC, so no IAA will be required.
- (b)(7)(E) POE IAA
 - The current IAA expired on 30 April 2012, before it could be extended.
 - Received breakout of expensed work, and remaining work from IBWC
 - IAA documents are in preparation
 - Confirmed D&D \$ not available; requested IBWC de-ob unexpensed \$ and return so new

IAA can be funded.

- Visited site – all work appears to be completed
- IBWC did not call in to 17 Jul scheduled call with CO's and Budget officers. (b) (6), (b) (7)(C) advised (b) (5)
- (b) (7)(E)
- Ratification paperwork is with (b) (6), (b) (7)(C) for (b) (6), (b) (7)(C) and (b) (6), (b) (7)(C) signature.
- (b)(7)(E) IAA
 - IAA was extended for HSPB1012X00061
- Grate Raising Winches (b)(7)(E), RGV
 - Legal advised that O&M was correct funds source. Drafted PRD
 - RE input received; requested RE and ECSO cost/schedule info 18 Oct
 - ECSO continues to have trouble getting in-house engineering support.
 - ECSO PM provided estimate on 20 Jun. Will request updated estimate e to cover (b)(7)(E) grate as well.
- (b)(7)(E) Grates – vegetation accumulations are resulting in high maintenance and need to raise grates and hold them open.
 - Current Hidalgo County design does not allow for holding grates open, and makes lifting grates difficult and possibly a safety concern for inexperienced workers.
 - (b) (6), (b) (7)(C) requested USACE design support, and engineers responded 20 Jun requesting more design documents. Documents forwarded 22 Jun.
 - (b)(7)(E) ID plans to cut vegetation on canal banks in about 2 weeks.
 - Met with ID gen'l manager & ass't operations manager on 2 Jul. They have flexibility to do veg work anytime. Can wait for our grate solution.
 - Also met with Crane company who provided concept for solution to hold grates open. Will coordinate proposed solution with USACE engineers, per (b) (6), (b) (7)(C)
 - USACE structural engineer preliminarily approved hold-open device concept from Crane company.
 - Will review (b) (6), (b) (7)(C) pinning proposal when received.
- CTIMR Support – Area 4
 - RGV – providing technical support for (b) (6), (b) (7)(C) on unsuitable caliche for levee maintenance, on (b)(7)(E) maintenance scope, and on lifting system for (b)(7)(E) grates.
 - (b) (5), (b) (7)(E)
 - RGV Access Road M&R
 - Visited Sector and site with Primus & (b) (6), (b) (7)(C) & (b) (6), (b) (7)(C).
 - Prepared recommendations for M&R for CWP#2 access roads.
 - Received Primus recommendations for road M&R categories for future classification of M&R. Will review and coordinate response with TI M&R Branch.
 - Worked with (b) (6), (b) (7)(C) to clarify standards for cross slopes and aggregate thickness calculations

Deliverables

- RGV Gates IPT minutes for 26 September meeting

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), PE, PMP

Program Manager

LMI

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

*"Excel as a trusted strategic partner enhancing
Border Patrol's proud legacy"*

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
(b) (6) (b) (6) (b) (6), (b) (7)(C)
(b) (6) (b) (6), (b) (7)(C)
Subject: RE: RGV Gates IPT - Agenda, Minutes
Date: Thursday, January 17, 2013 2:04:15 PM
Attachments: [Gates IPT Minutes 1-10-2013.doc](#)
[RGV Gates IPT Agenda 1-17-2013.doc](#)

(b) (6), (b) (7)(C), PE, PMP
Program Manager
LMI
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
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From: (b) (6), (b) (7)(C)
Sent: Monday, January 07, 2013 3:16 PM
To: (b) (6), (b) (7)(C)
(b) (6) (b) (6), (b) (7)(C)
(b) (6) (b) (6), (b) (7)(C)
(b) (6)
(b) (6), (b) (7)(C)
(b) (6)
(b) (6), (b) (7)(C)
Subject: RGV Gates IPT - Agenda, Minutes

Folks,
Attached are the agenda for Thursday's meeting at 2 pm ET (1 pm CT), and the minutes from last week's meeting.

(b) (6), (b) (7)

(b) (6), (b) (7)(C), PE, PMP
Program Manager
LMI
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
*"Excel as a trusted strategic partner enhancing
Border Patrol's proud legacy"*

**TACTICAL INFRASTRUCTURE (TI) IPT
RGV SECTOR
BUREAU OF CUSTOMS AND BORDER PROTECTION**

RGV GATES IPT TELECONFERENCE

IPT TELECONFERENCE

Date and Time: January 10, 2013 at 2 pm EDT (1 pm CDT)

ATTENDEES

(b) (6)	(b) (6)	(b) (6)	(b) (6), (b) (7)(C)
USACE	USACE	USACE RE	FM&E
(b) (6), (b) (7)(C)	(b) (6), (b) (7)(C) FM&E	(b) (6), (b) (7)(C) FM&E	(b) (6), (b) (7)(C) OCC
FM&E			
(b) (6), (b) (7)(C) OCC	(b) (6), (b) (7)(C) OCC		

1. Introduction and roll call was performed.

a. Schedule Issues

- i. (b) (6), (b) (7)(C) advised that there have been delays to progress due to the rainy weather. He said that Design Package #2 has been approved, and NTP may occur this Friday, 12 Jan. Weston is agreed that he will exclude the gate slab construction on select gates for which we don't have alternate access resolved, and that we will provide at least one week's notice as to whether the slab can be constructed or not. If not, Weston will determine impacts at that time. Design Package #3 is estimated to be sent ~30 Jan, with the plan-in-hand site visit near mid-Feb.
- ii. Gate (b)(7)(E) – (b) (6), (b) (7)(C) advised (b) (6), (b) (7)(C) that he discussed the (b)(7)(E) distance from the edge of the closest pier, to the tower, with our Tower folks. It is adequate and Weston can proceed.
- iii. Potential real estate delays:

(b) (5), (b) (7)(E)

2. Previous Action Items (updates that I know of; not discussed at the meeting):

**TACTICAL INFRASTRUCTURE (TI) IPT
RGV SECTOR
BUREAU OF CUSTOMS AND BORDER PROTECTION**

RGV GATES IPT TELECONFERENCE

- a. Items 1 (Periodic Maintenance) – Primus performed the first monthly inspection on 15 December. (b) (6) provided CBP comments on the revised O&M schedule and worksheet submitted by Weston, and on the proposed Warranty Management Plan.
- b. Item 2 & 3 (Re-keying & Clearance Signs) – FM&E is not currently pursuing a cost from CTIMR due to other priorities. *(no change)*
- c. Sound questions from (b) (6), (b) (7)(C) – (b) (6), (b) (7)(C) has all data he requested and is doing calculations of sound levels to compare to the FWS criteria. *(no change)*
- d. Train Landowners on Gate Operation & Use Gates – See update in para. 5.b. below.
- 3. New Action Items: (b) (6), (b) (7) confirmed that (b) (7)(E) Road East is not required by Sector for operational purposes. (b) (6), (b) (7)(C) is still checking the fencing alignment before determining if maintenance needs are taken care of.
- 4. Requirements Discussion - None
- 5. Outreach Issues
 - a. Gate Closure Communications
 - i. An update on the new schedule will be provided to landowners on the Hotline by (b) (6), (b) (7)(C)
 - ii. (b) (6), (b) (7)(C) will provide the next weekly P6 schedule update which should show when Weston will move to (b) (7)(E), so a determination can be made about when to send out letters.
 - b. Training Landowners on Gates –
 - i. Training Schedule – (b) (6), (b) (7)(C) is wrapping up OCC comments, and will be working on gate metrics to measure the success of the training program.
- 6. RE/Environmental Discussion
 - a. Sound Measurements – All sound info has been provided and (b) (6), (b) (7)(C) is calculating impacts. *(no change)*
 - b. Real Estate Concerns
 - i. Construction Access
 - 1. (b) (7)(E) All survey work has been completed, but will need to be revised for road requirements. RE will not be ready by 25 & 27 Feb when Weston’s schedule shows them starting work. (b) (6) will look into using the ROE-C process.
 - 2. (b) (7)(E) see above.
 - ii. Utility Access (b) (7)(E)
 - 1. (b) (7)(E) to include (b) (7)(E) was filed by DOJ on 31 Oct. Utility outgrant easement with OCC's revisions sent to AEP on 12/11/12 for their concurrence. (b) (5)

(no change)
 - 2. (b) (7)(E) Offer to Sell (OTS) for tract (b) (7)(E) sent to landowners. OTS was received last week, but was not acceptable. (b) (5)

**TACTICAL INFRASTRUCTURE (TI) IPT
RGV SECTOR
BUREAU OF CUSTOMS AND BORDER PROTECTION**

RGV GATES IPT TELECONFERENCE

3. (b)(7)(E): HIDCC granting an easement to AEP. No action required by CBP. Should be final by end of month. Still waiting signature. *(no change)*
 4. (b)(7)(E) Surveys for (b)(7)(E) have been finalized. (b)(7)(E) has been changed to (b)(7)(E) to reflect a different ownership determined by the survey. Both tracts have been valued and offers to sell were sent in late October. (b)(6) said there has been no response yet. He will send a follow up letter.
(b)(5), (b)(6);(b)(7)(C), (b)(7)(E)
(b)(6), (b)(7)
(b)(6), (b)(7)(C)
 5. (b)(7)(E)
All are on the same track and tracts are all owned by (b)(6). Surveys have been done and are being corrected and/or reviewed. Next step is to provide an OTS to the landowner. (b)(6) said a value estimate has not been done yet, and he expects the OTS to go out later this month. (b)(6) advised that there is a section (b)(7)(E) Road whose ownership is now in question. He will be checking this week with the County on it.
- iii. Alternate Access (b)(7)(E)
1. (b)(7)(E) – (b)(6) is the only landowner using the opening. (b)(7)(E) Station reports that (b)(6) will not be affected when the gate is closed, (b)(7)(E), (b)(5), (b)(6);(b)(7)(C)
(b)(6), (b)(7)
(b)(6), (b)(7)
(b)(6), (b)(7)
(b)(6), (b)(7)
(b)(6), (b)(7)
(b)(6), (b)(7)
See para. 1.a.iii.1.b. for the latest status.
 2. (b)(7)(E) – It was discussed that (b)(6) has enough room (b)(7)(E), to go from his sand pit to (b)(7)(E) There is a concern as to whether truck traffic can use that area when it is wet. (b)(5), (b)(6)
(b)(6), (b)(7)
(b)(6), (b)(7)
See para. 1.a.iii.1.a. for the latest status.
 3. (b)(7)(E) Gates – It was mentioned that (b)(6) may be farming all of the area south of the fence, and that no other landowners may need access during gate closings. (b)(6) has a meeting scheduled for next week

**TACTICAL INFRASTRUCTURE (TI) IPT
RGV SECTOR
BUREAU OF CUSTOMS AND BORDER PROTECTION**

RGV GATES IPT TELECONFERENCE

within USACE to review this situation. See para. 1.a.iii.2. for the latest status.

PREVIOUS ACTION ITEMS

ACTION	RESPONSIBLE PARTY	MILESTONE	STATUS
1. Re-keying – (b) (6), (b) (7)(C) will get proposal from CTIMR contractor for test gate locations and remaining (b) (6), (b) (7)(C) locations, after receipt of scope, source info from (b) (6), (b) (7)(C)	(b) (6), (b) (7)(C)	TBD	Proposal received but requires modification. USACE review comments provided to (b) (6), (b) (7)(C) with these minutes. On hold per CBP.
2. Get proposal from CTIMR contractor for painting clearance info above gates, after receipt of scope from (b) (6), (b) (7)(C)	(b) (6), (b) (7)(C)	TBD	Proposal received but requires modification. USACE review comments provided to (b) (6), (b) (7)(C) with these minutes. On hold per CBP.
3. Utility Transfer – Assure CBP is ready to transition power when gates are accepted.	(b) (6), (b) (7)(C)	~14 Nov for Phase 1 gates	BPUB reports (b) (6), (b) (7)(C) gate power has been transferred. DLA expects transfer on remainder during Dec billing cycle.
4. Alternate Access – Ownership of levee; rights to access roads	(b) (6), (b) (7)(C)	ASAP	DOJ obtained possession of (b) (6), (b) (7)(C) tract. (b) (6), (b) (7)(C) is researching other fence segments.
5. Roll out training program	(b) (6), (b) (7)(C)	ASAP	Train-the-trainer held 11/12 Dec. Final documents will be developed for Sector to use in training.
6. Cost of locks for panels is (b) (5) per gate	(b) (6), (b) (7)(C)		(b) (6), (b) (7)(C) will discuss with Sector management on how to source funding. No change.
7. (b) (6), (b) (7)(C) confirm that (b) (7)(E) is not needed by Station	(b) (6), (b) (7)(C)	ASAP	No change.

NEW ACTION ITEMS

ACTION	RESPONSIBLE PARTY	MILESTONE	STATUS
1			

NEXT TELECONFERENCE:

Thursday, January 17, 2013 – 2:00 pm EDT (1 pm CDT)

RGV Gates IPT Agenda 17 January 2012

1. Introduction and Roll Call (b)(6); (b)(7)(C)
2. Schedule and Deliverables Review (b)(6); (b)(7)(C)
 - a. Scheduled construction – recent progress, and events for the next week/month
 - b. Design submittals
 - i. 1st package – remaining issues, if any
 1. Washboard platform
 - ii. 2nd package of (b)(7)(E) gates – remaining issues
 1. (b)(7)(E) gate placement – finalized?
 2. (b)(7)(E) ramp requirement & gate change
 3. NTP Issued? With restrictions?
 - iii. 3rd package of (b)(7)(E) gates – update on anticipated receipt of design - ~30 Jan?
 - c. Revised Weston schedule
 - i. When weekly update received and forwarded?
 - ii. Comparison of actual progress during the last week with revised schedule
 - d. Other REAs and changes update – none?
 - e. Acceptance strategy – Gov't response to Weston's response to proposed strategy
 - f. Government actions required to prevent delays to the contractor
 - i. Real estate support (b)(6); (b)(7)(C)
 1. Construction access review – (b)(7)(E) POE gates
 2. Utility easement review
 3. Alternate access routes review (by fence segment)
 - a. (b)(7)(E)
 - i. (b)(6) discussion w/Station
 - ii. (b)(7)(E) – Station OK to discuss w/(b)(6); (b)(7)(C)
 - b. (b)(6); (b)(7)(E) letter of confirmation
 - c. (b)(7)(E) etc; IBWC permit status (b)(6); (b)(7)(C)
 - ii. Required modifications
3. Action Items from Previous Meetings (b)(6); (b)(7)(C)
4. Contract Requirements Discussion
 - a. See tabled issues under Action Items
5. Outreach
 - a. Communications/Community Outreach (b)(6); (b)(7)(C)
 - i. Training for IBWC/landowners
 1. Training program review

2. Sector plan to roll out training
- ii. Gate closure communications & schedule flexibility
 1. When to initiate letters to landowners for Design Pkg #2 –
(b)(7)(E)
 2. Hotline process update

6. Other Issues

7. New Action Items

8. Closing Comments

From: (b) (6)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: IIR (b) (7)(E) Weather 11-22-2013
Date: Monday, November 25, 2013 12:02:18 PM
Attachments: [image002.png](#)
[image004.png](#)
[image006.png](#)

I have spoken to (b) (6), (b) (7) and I'm in the loop with BPFTI and CTIMR contractor.

(b) (6), PE, CCE, PMP



**2000 Corporate Ridge
McLean, VA 22102-7805**

(b) (6), (b) (7)(C) P

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From: (b) (6), (b) (7)(C)
Sent: Sunday, November 24, 2013 4:27 PM
To: (b) (6)
Cc: (b) (6), (b) (7)(C)
Subject: FW: IIR (b) (7)(E) Weather 11-22-2013

(b) (6), (b) (7)(C)

Heads up. Cerrudo is on it. Yet, need Engineering to keep an eye on it.

Thanks.

(b) (6), (b) (7)(C), CBM, PMP
Division Director, II Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
1301 Constitution Ave. NW, Suite B-155
Washington, DC 20004
Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C) 430

(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
Sent: Friday, November 22, 2013 11:22 PM
To: (b) (6), (b) (7)(C)
Subject: IIR (b) (7)(E) Weather 11-22-2013

INCIDENT INFORMATION REPORT

DATE/TIME/STATION: 11/22/2013, 3:30 p.m. (b) (7)(E) Station

EVENT TYPE: Severe weather and Primary Border Fence wash out in (b) (7)(E)

LOCATION OF EVENT: (b) (7)(E) east of the (b)(7)(E)

POINTS OF CONTACT FOR IIR:

(A)SBPA: (b) (6), (b) (7)(C)

SBPA: (b) (6), (b) (7)(C)

Agency: USBP

Contact #: (b) (6), (b) (7)(C)

SYNOPSIS:

All times are approximate.

15:30 hours

ATV Agents were calling for a transport unit to pick up three individuals near the end of the primary fence in (b) (7)(E). Agents responded to the area to pick up the trio. At that time there was severe weather in the area (heavy rains, wind, and hail). This caused flash flooding in (b) (7)(E) primarily in the (b) (7)(E). This area is just south of an area known to Border Patrol Agents as (b)(7)(E) (b) (7)(E). The flash floods were so heavy that it removed two of the steel Primary Border fencing panels (b) (7)(E). Other than the severe structural damage to the Border road and fence, there were no injuries and all Agents made it safely out of the area. SBPA (b) (6), (b) (7)(C) notified ILU as the incident was unfolding. According to SOS (b) (6), (b) (7)(C), repairs to the fence will begin on Monday 11/25/2013.

Please see the attached photos:

(b) (7)(E)



(b) (7) (E)

(b) (7) (E)

(b) (7) (E)

(b) (7) (E)

-

NOTIFICATIONS MADE TO:

XO T. (b) (6), (b) (7)(C)

PAIC (b) (6), (b) (7)(C)

DPAIC (b) (6), (b) (7)(C)

DPAIC (b) (6), (b) (7)(C)

Watch Commander (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C), (b) (6), (b) (7)(C)
Subject: CIR brief
Date: Monday, August 05, 2013 2:14:22 PM
Attachments: [Brief CIR Draft 1.4.ppt](#)

Changes incorporated

The FOUO is cumbersome but is according to DHS policy

(b) (6), (b) (7)(C), PMP
PM, TI
LMI
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
BB: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
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CBP Office of Administration

Facilities Management and Engineering

Comprehension Immigration Reform (CIR)
Planning Briefing

Aug 9, 2013



U.S. Customs and
Border Protection

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Agenda

(b) (5)



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Notional CIR Requirements

(b) (5), (b) (7)(E)



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CIR Current Situation

(b) (5)



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Acquisition Strategy and Timeline

(b) (5), (b) (7)(E)



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(b) (5), (b) (7)(E)



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(b) (5)



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(b) (5)



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Steel Approach

(b) (5)



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(b) (5)



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Budget

Preliminary ROM



(b) (5)



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Adapt to Changing Requirements



(b) (5)



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Next Steps

(b) (5)



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**US Army Corps
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From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Subject: RE: CIR Bill Analysis
Date: Wednesday, April 17, 2013 12:51:59 PM

One final thought. (b) (5)

(b) (5), (b) (7)(E)

(b) (6), (b) (7)(C)
CTR-LMI
BPFTI PMO
OF: (b) (6), (b) (7)(C)
BB: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Wednesday, April 17, 2013 12:39 PM
To: (b) (6), (b) (7)(C)
Subject: Re: CIR Bill Analysis

All good questions. The last one is all BP wih hopefully input from BPFTI...

From: (b) (6), (b) (7)(C)
Sent: Wednesday, April 17, 2013 12:33 PM
To: (b) (6), (b) (7)(C)
Subject: RE: CIR Bill Analysis

(b) (5)

(b) (6), (b) (7)(C)
CTR-LMI
BPFTI PMO
OF: (b) (6), (b) (7)(C)
BB: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Wednesday, April 17, 2013 9:53 AM
To: (b) (6), (b) (7)(C)
Subject: FW: CIR Bill Analysis

Importance: High

Please look at the Fence words.. Let me know what you all think..

From: (b) (6), (b) (7)(C)
Sent: Wednesday, April 17, 2013 9:12 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Fw: CIR Bill Analysis
Importance: High

Pls make this review a priority this morn. I would like (b) (6), (b) (7)(C) and I to be able to review your comments by 1330 today - thx

From: (b) (6), (b) (7)(C)
Sent: Wednesday, April 17, 2013 09:08 AM Eastern Standard Time
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: CIR Bill Analysis

Good morning all,

Attached is a copy of the CIR Bill expected to drop later this morning.

Two rounds of comments are due to the Commissioner's Office over the course of the next day:

1. Show stoppers, major substantive issues, etc no later than 3pm today. This is a hard deadline as we have to provide these comments to the Commissioner before we pass them on to the Department this evening.
2. By 11am tomorrow we need any additional comments, technical corrections, etc. This will be our last opportunity to provide comments on the bill, so please make sure these are comprehensive.

For your awareness, simultaneous to this effort OCC will be conducting a thorough legal analysis and OCA will produce a summary matrix. These efforts have a different focus and intended to be complimentary to the two items I just laid out.

We are sending this to you specifically because we are expecting a high level review of the comments vice the traditional CAT mechanisms. Please be available between 4-5pm today in case further clarification is needed.

(b) (6), (b) (7)(C) and I will be the POCs coordinating this for the front office. If you have any questions, please do not hesitate to reach out. We realize that this is a very quick turnaround, but these deadlines are beyond our control.

Thank you,

(b) (6), (b) (7) and (b) (6), (b) (7)

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Cameron County (b)(7)(E) Project
Date: Wednesday, February 06, 2013 8:49:18 PM
Attachments: (b)(7)(E) Project Update_02_06_13.doc

(b) (6), (b) (7)(C),
Attached is updated to include (b) (5), (b) (7)(E). Please let me know if you need anything else. (b) (5)

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), PE, PMP
Program Manager
LMI
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
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From: (b) (6), (b) (7)(C)
Sent: Wednesday, February 06, 2013 3:43 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: FW: Cameron County (b)(7)(E) Project
Importance: High

Folks,

Please see the email below from (b) (6) (Congressional Affairs) regarding a request from Senator Cornyn's office to discuss the (b)(7)(E) Project with Cameron County Administrator, (b) (6). I tentatively scheduled Wednesday, February 13 at 3:00 p.m. on (b) (6), (b) (7)(C) calendar.

(b) (6) | (b) (5) I will incorporate any appropriate or necessary updates, to include all of the steps CBP has taken to work with CC and outcomes from meetings/briefs.

If I remember correctly OA/FM&E, RGV Sector, OFO and OCC attended the brief with Cameron County and C2 (Winkowski) last year. Please confirm the appropriate attendees for RGV Sector, OFO, and OCC and if the scheduled time works.

Please let me know if you have any questions.

Thank you,

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Wednesday, February 06, 2013 1:10 PM

To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: FW: Cameron County (b)(7)(E) Project
Importance: High

Good afternoon,

Senator Cornyn's office has requested a briefing with CBP and Cameron County to discuss the current status of the (b)(7)(E) Project. Cornyn's staff stated that Cameron County has exhausted all funding options and would appreciate any additional modifications that CBP may offer to reduce the cost of the project. Ideally, they would like to have a meeting on February 13th, as the Cameron County Administrator will be in Washington, D.C. Staff from the offices of Congressmen McCaul and Cuellar may also attend. Per Cornyn's staff, this may be an issue that the Senator will raise with the Commissioner.

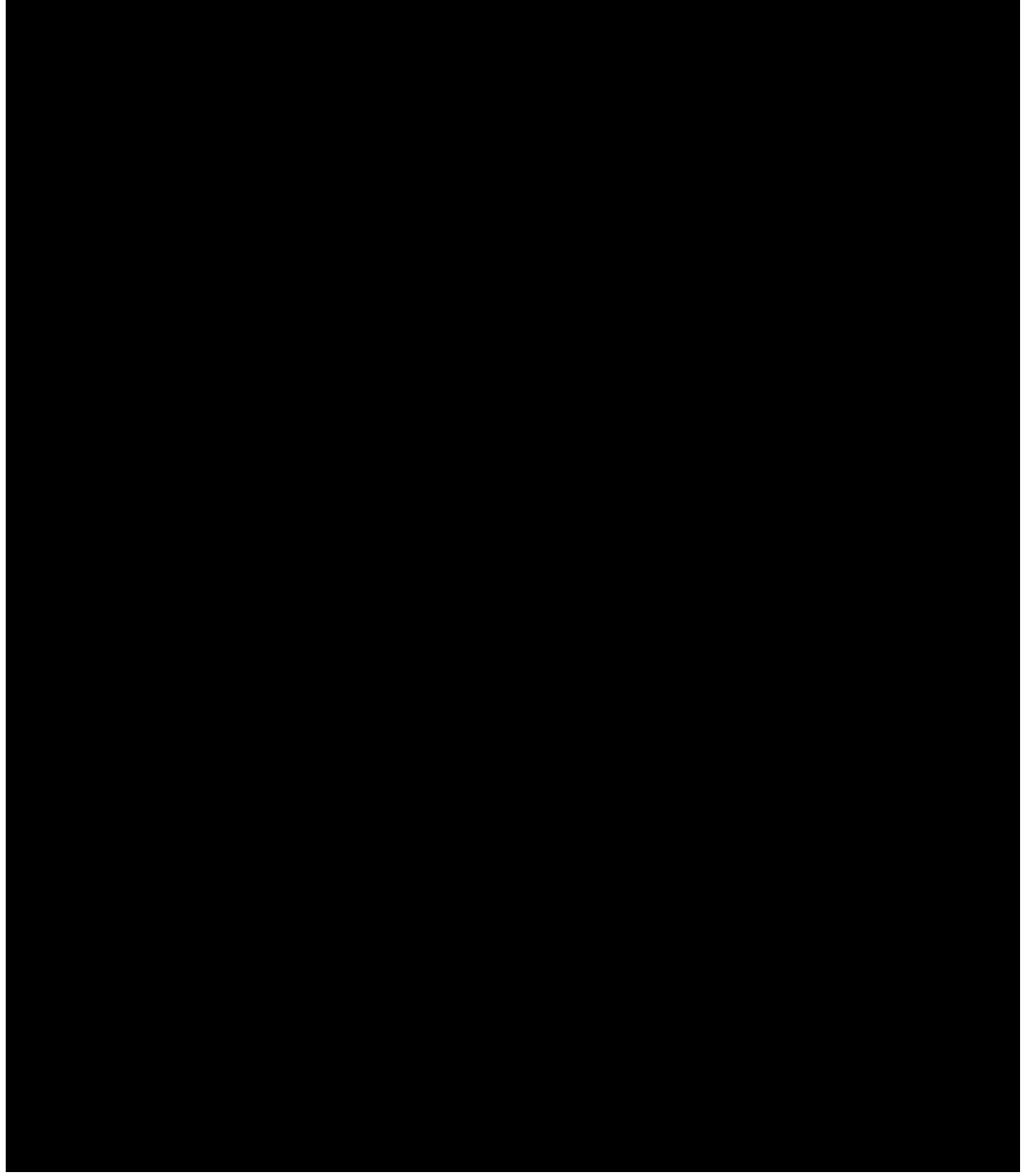
Please let me know if you are available for a meeting on February 13 and if not, a time and date that we may perhaps be able to schedule a call. Also, an updated fact sheet on the status would be greatly appreciated.

Thank you,

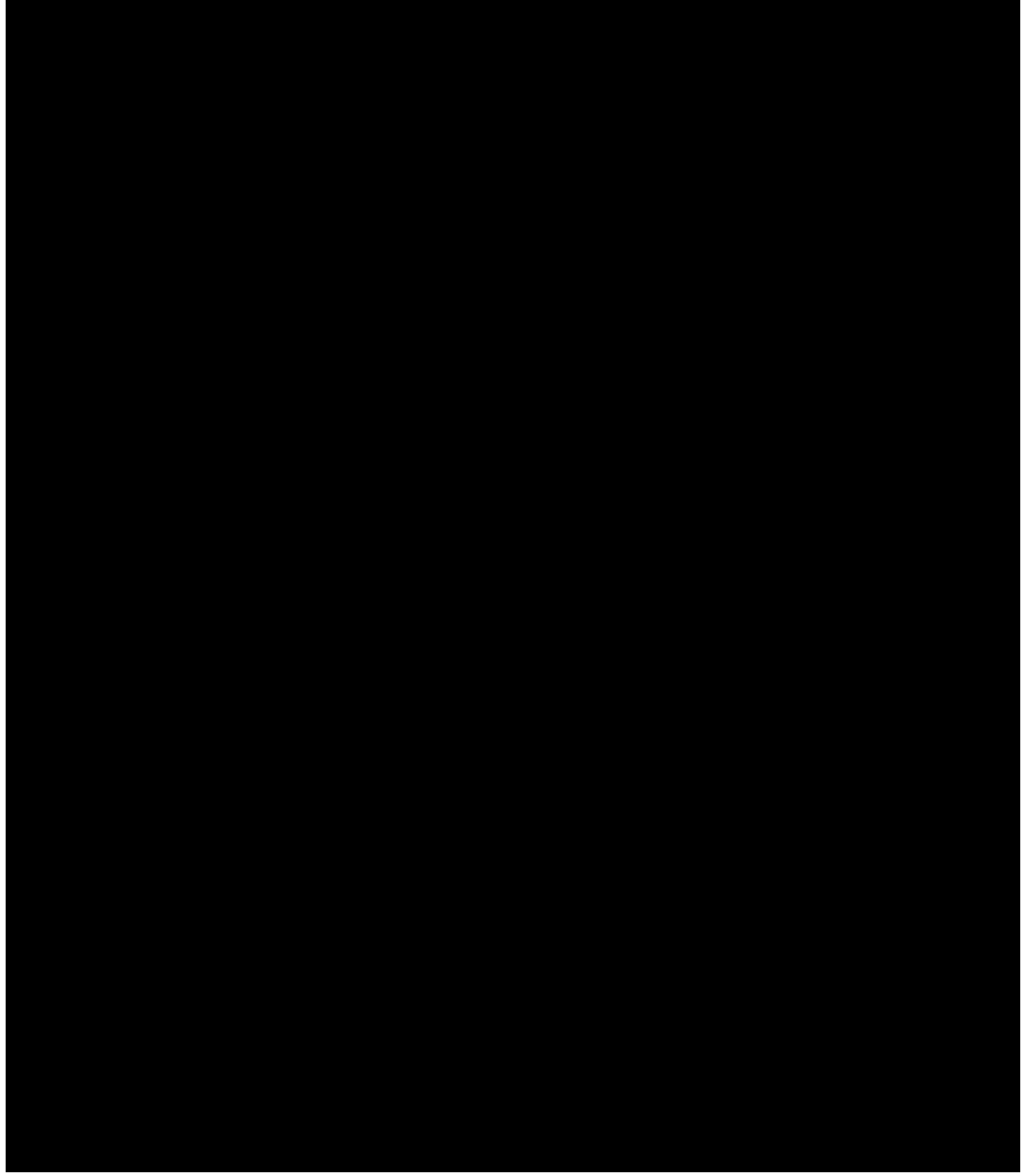
(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)
Office of Congressional Affairs
U.S. Customs and Border Protection
(b) (6), (b) (7)(C) (Main)
(b) (6), (b) (7)(C) (Direct)
(b) (6), (b) (7)(C) (Fax)

(b) (5), (b) (7)(E)



(b) (5), (b) (7)(E)



From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Weekly Report - 31 Jan (b) (6), (b) (7)(C)
Date: Thursday, January 31, 2013 8:34:26 AM

(b) (6), (b) (7)

Changes from the last update are in red.

Hot Issues

- RGV Gates
 - Updated schedule received 20 Dec from Weston/USACE
 - Accelerates gate closings; impacting RE availability.
 - We are accelerating RE efforts in (b)(7)(E)
 - Pier drilling and pier caps complete on (b)(7)(E) gates in (b)(7)(E). Structural framing installation begun at (b)(7)(E)
 - (b) (6), (b) (7) proposed (b) (5), (b) (7)(E) Meeting held 30 Jan to discuss access cure options.
 - Ramps will proceed as preferable to IBWC permit. Proposal due from Weston on 1 Feb.
 - RE working on possession of fee under levee for (b)(7)(E) for alternate access
 - Significant issues at (b)(7)(E)
 - (b)(7)(E)- USACE confirmed with (b) (6), (b) (7)(C) that he and son are only ones farming south of levee in (b)(7)(E). Other landowners can access next to water tower. USACE send letter to confirm discussions 24 Jan.
 - Gate Closure Communications
 - BOD has message on HOTLINE advising of new schedule, and is providing updates.
 - Working on notification letters to landowners from (b)(7)(E).
 1. Completed (b)(7)(E). Working on (b)(7)(E).
 - Landowner training
 - Sector training held for the Station trainers on 11/12 Dec.
 - Documents will be final this week.

Major Efforts

- Renewal Contracts – Round IV
 - Twelve contracts awarded. No more contracts are to be awarded (YUM Veg/Debris is on hold).
 - El Paso Fence – last option will expire 8 Jan
 - Yuma Fence – last option will expire 24 Jan
 - Tucson Fence – last option will expire 24 Jan
 - Yuma Roads – last option will expire 22 Jan
 - Tucson Roads – last option will expire 30 Jan
 - El Paso Roads – last option will expire 30 Jan
 - Tucson Veg/Debris – 1st option will start 22 Nov; last option requested 8 Jan & will expire 18 May
 - Yuma Lighting – 1st option will start 4 Nov; last option requested 8 Jan & will expire 30 Apr

- El Paso Lighting – 1st option will start 5 Nov; last option requested 8 Jan and will expire 4 May
 - BBT Roads – last option will expire 26 Mar.
 - EPT Veg/Deb – first option has been exercised, good thru 11 Apr
 - Each contract has 2 options, which each last 90 days
 - ECSO provided ROM estimate for WA #1, #2, #3, for new TI M&R contracts.
 - Also provided estimate for extensions, if approved by their CO.
 - Decision issued 9 Nov – no extensions allowed.
 - Standing down on using ECSO for gap filler for WA#1.
 - \$120K transferred to ECSO 29 Nov to cover PM to get contracts awarded.
 - EPT and TCA Fence were identified as top priority needs, with TCA and EPT Roads next, and BBT Roads/Veg/Debris next.
 - Also working with (b) (6), (b) (7)(C) on TCA Gate Opening contract extension and TCA Lighting reprocurement.
 - Gate opening contract will be extended for 3 months thru mid-May 2013.
 - (b) (6), (b) (7)(C) will work new lighting contract thru Sector procurement.
 - YUM M&R coverage
 - Fence will be done in-house until CTIMR
 - Roads will be done in-house and with small contract thru CBP Procurement
 - Gap filler roads/veg/debris contract being developed by (b) (6), (b) (7)(C) – under \$(b) (5).
 - 45 day gap filler packages sent to (b) (6), (b) (7)(C) for review for TCA and EPT Fencing.
 - Funds requests submitted and approved for both.
 - Gate maintenance is deleted from TCA contract, after coordination with (b) (6), (b) (7)(C). Allows 45 day PoP vs. 1 mo.
 - EPT Fencing contract awarded to Cerrudo 19 Dec for \$142,518.98, from 9 Jan – 23 Feb 2013.
 - Precon held by (b) (6) 8 Jan; work started 9 Jan
 - TCA Fencing PO issued to Capers in the amount of \$82,243.36 on 3 Jan 2013. Precon held 14 Jan, with follow up coordination call with USACE COR for FBM/inspection support on 15 Jan.
 - Discussed extensions with (b) (6), (b) (7)(C) Will request EPT extension ~1 Feb and TCA extension ~15 Feb. Burn rates are running low which helps keep total under \$(b) (5) simplified acquisition threshold.
 - Working on budget and estimated quantities for EPT & TCA Fence and Roads contracts with (b) (6), (b) (7)(C), ECSO.
 - Schedule received that has NTP of 11 Mar 2013 for all four contracts.
 - Funds provided 8 Jan for \$2,118K for 4 contracts.
 - ECSO reviewing need for PgM and Const O/S funding and will provide adjusted estimates.
 - ECSO agreed to provide Const O/S support for CBP gap filler fencing contracts, and requested \$1 (b) (5) on 2 Jan. Funds approved by (b) (6), (b) (7)(C) and provided to ECSO.
- Tactical Infrastructure Condition Index Working Group
 - Sent OBP email – full time working group support not needed. Will call (b) (6), (b) (7)(C) for feedback.
 - Will begin planning for first meeting.

Good News

Concerns

- (b)(7)(E) Bridge – Security Requirements

(b) (5), (b)(6);(b)(7)(C)

- (b) (6), (b) (7)(C) from OFO HQ called to get update on (b)(7)(E) He's involved with UP settlement funding. (b) (5), (b)(6);(b)(7)(C)

-

- Span across Rio Grande has been installed, with fencing to deter pedestrian traffic.
- Completion of (b)(7)(E) project is on hold, per County's construction manager.
 - Real estate acquisition is now complete.

-

(b) (5)

-

(b) (5)

-

-

- Sent CCRMA email offering swing gate option 7 Dec.

- (b)(7)(E) Boat Ramp

- (b) (6), (b) (7)(C) is the PM, so I will only report on my engineering support from this point forward.

-

(b) (5), (b)(6); (b)(7)(C)

- Provided (b) (6), (b) (7)(C) with survey requirements for river bottom topography 29 Jan.

- RGV (b)(7)(E) Highway – Fence Relocation

- Confirmed funding available from TxDOT & CCRMA bonds; final estimate not developed yet
- Coordination w/IBWC will start once TxDOT approves draft EA
- CC engineer sent latest schedule & draft EA 8 Mar
- Forwarded EA to (b) (6), (b) (7)(C) 2 Apr.
- Received maps from CC engineer 25 Jun.
- Latest schedule received from TXDOT 28 Jan 2013. No change in contract letting date of Dec 2013. CCRMA is still working EA & BA.

- IBWC Riverside MOA & design

- Response to BPFTI comments received
 - Some items will need to be funded by BPFTI
 - Draft MOA submitted to IBWC 15 June for review.
 - Received IBWC comments and sent CBP comments to them on 22 Oct.
- Working IAA for guard rail and security grating over valve vault
 - USACE will initiate design – tasked to them 14 Sep.
 - Requested update 16 Oct.
 - Will contract separately from IBWC, so no IAA will be required.

- Grate Raising Winches (b)(7)(E), RGV
 - Legal advised that O&M was correct funds source. Drafted PRD
 - RE input received; requested RE and ECSO cost/schedule info 18 Oct
 - ECSO continues to have trouble getting in-house engineering support.
 - ECSO PM provided estimate on 20 Jun. Will request updated estimate e to cover (b)(7)(E) grate as well.
 - Discussed with (b)(6), (b)(7)(C) turning over PM duties for this PRD, 12 Dec. I will be engineering support
- (b)(7)(E) Grates – vegetation accumulations are resulting in high maintenance and need to raise grates and hold them open.
 - Current Hidalgo County design does not allow for holding grates open, and makes lifting grates difficult and possibly a safety concern for inexperienced workers.
 - Received test data from (b)(6), (b)(7)(C) on pins for pinning proposal 15 Oct.
 - Currently evaluating data.
 - (b)(5)
 - I'll discuss with (b)(6), (b)(7)(C) whether she wants to initiate a study.
- CTIMR Support – Area 4
 - RGV - providing technical support for (b)(6), (b)(7)(C) on unsuitable caliche for levee maintenance, on (b)(7)(E) maintenance scope, and on lifting system for (b)(7)(E) l grates.
 - Working to establish standard specification for caliche.
 - Collecting sample caliche specs & discussing issues with local supplier's engineer.
 - Need to finalize standard for (b)(7)(E); need to reconfirm Sector requirement for width (b)(6), (b)(7)(C) and get (b)(6), (b)(7)(C) final review.
 - RGV Access Road M&R
 - Visited Sector and site with Primus & (b)(6), (b)(7)(C) & (b)(6), (b)(7)(C).
 - Prepared recommendations for M&R for CWP#2 access roads.
 - Discussions held 12 Oct with (b)(6), (b)(7)(C) to finalize task descriptions for access roads
 - Received Primus recommendations for road M&R categories for future classification of M&R
 - (b)(5), (b)(7)(E)
 - Worked with (b)(6), (b)(7)(C) to clarify standards for cross slopes and aggregate thickness calculations

Deliverables

- RGV Gates IPT minutes & agenda
- Provided review comments on 10% concept for (b)(7)(E) Roads
- Provided input to (b)(6), (b)(7)(C) on a CO "sustainability" review for EPT Fence contract documents
- Finalized coordination with (b)(6), (b)(7)(C) & Sector to delete requirement for (b)(7)(E) Road, in response to question from USACE RE.

(b)(6), (b)(7)(C)

(b)(6), (b)(7)(C), PE, PMP

Program Manager
LMI
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
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From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Weekly Report - 6 Feb (b) (6)
Date: Monday, February 04, 2013 3:26:21 PM

(b) (6), (b) (7)

Changes from the last update are in red.

Hot Issues

- RGV Gates
 - Updated schedule received 20 Jan from Weston/USACE
 - Pier drilling and pier caps complete on (b)(7)(E) gates in (b)(7)(E), and should be complete at all gates by the end of this week. Superstructure will be started on (b)(7)(E). Fabrication of the gate panels should be completed this week for (b)(7)(E) and should start for (b)(7)(E)
 - Electrical work – Weston is focusing on having services completed for all (b)(7)(E) gates in the next 2-3 weeks.
 - Access cure during gate closures – As a result of our IPT discussion on 30 Jan, the ramp RFP will proceed as preferable to the IBWC permit. Proposal due from Weston on 1 Feb.
 - RE working on possession of fee under levee for (b)(7)(E) for alternate access
 - Significant issues at (b)(7)(E)
 - (b)(7)(E) - USACE confirmed with Flores that he and son are only ones farming south of levee in (b)(7)(E). We'll need ramps to get other landowners legal access.
 - (b)(7)(E) – will also require use of ramps to provide legal access.
 - Gate Closure Communications
 - BOD has message on HOTLINE advising of new schedule, and is providing updates.
 - Working on notification letters to landowners from (b)(7)(E)
 1. Completed (b)(7)(E) Working on (b)(7)(E).
 - Landowner training
 - Sector training held for the Station trainers on 11/12 Dec.
 - Documents will be final this week.
 - Design Package #3
 - Received 95% designs for (b)(7)(E) gates in Hidalgo County (b)(7)(E)
 - Provided review comments on 4 Feb
 - Warranty Management Plan & O&M Manual Section 2
 - Preparing review comments for both of these. Hope to have them out by mid week.
 - IBWC coordination
 - Facilitated meeting with IBWC to discuss their approval of Design Packages #1 and #2. (b) (6), (b) (7)(C) arranged the meeting.
 - Provided real estate information they requested for (b)(7)(E) on 1 Feb.

Major Efforts

- Renewal Contracts – Round IV
 - Twelve contracts awarded. No more contracts are to be awarded (YUM Veg/Debris is on hold).
 - El Paso Fence – last option will expire 8 Jan

- Yuma Fence – last option will expire 24 Jan
 - Tucson Fence – last option will expire 24 Jan
 - Yuma Roads – last option will expire 22 Jan
 - Tucson Roads – last option will expire 30 Jan
 - El Paso Roads – last option will expire 30 Jan
 - Tucson Veg/Debris – 1st option will start 22 Nov; last option requested 8 Jan & will expire 18 May
 - Yuma Lighting – 1st option will start 4 Nov; last option requested 8 Jan & will expire 30 Apr
 - El Paso Lighting – 1st option will start 5 Nov; last option requested 8 Jan and will expire 4 May
 - BBT Roads – last option will expire 26 Mar.
 - EPT Veg/Deb – first option has been exercised, good thru 11 Apr
 - Each contract has 2 options, which each last 90 days
- ECSO provided ROM estimate for WA #1, #2, #3, for new TI M&R contracts.
 - Also provided estimate for extensions, if approved by their CO.
 - Decision issued 9 Nov – no extensions allowed.
 - Standing down on using ECSO for gap filler for WA#1.
 - \$120K transferred to ECSO 29 Nov to cover PM to get contracts awarded.
 - EPT and TCA Fence were identified as top priority needs, with TCA and EPT Roads next, and BBT Roads/Veg/Debris next.
 - Also working with (b) (6), (b) (7)(C) on TCA Gate Opening contract extension and TCA Lighting reprocurement.
 - Gate opening contract will be extended for 3 months thru mid-May 2013.
 - (b) (6), (b) (7)(C) will work new lighting contract thru Sector procurement.
 - YUM M&R coverage
 - Fence will be done in-house until CTIMR
 - Roads will be done in-house and with small contract thru CBP Procurement
 - Gap filler roads/veg/debris contract being developed by (b) (6), (b) (7) – under \$(b) (5).
 - 45 day gap filler packages sent to (b) (6), (b) (7)(C) for review for TCA and EPT Fencing.
 - Funds requests submitted and approved for both.
 - Gate maintenance is deleted from TCA contract, after coordination with (b) (6), (b) (7)(C). Allows 45 day PoP vs. 1 mo.
 - EPT Fencing contract awarded to Cerrudo 19 Dec for \$142,518.98, from 9 Jan – 23 Feb 2013.
 - Precon held by (b) (6), (b) (7)(C) 8 Jan; work started 9 Jan
 - TCA Fencing PO issued to Capers in the amount of \$82,243.36 on 3 Jan 2013. Precon held 14 Jan, with follow up coordination call with USACE COR for FBM/inspection support on 15 Jan.
 - Discussed extensions with (b) (6), (b) (7)(C) **Request for EPT extension sent 31 Jan.** TCA extension will be requested ~15 Feb. (b) (5)
- Working on budget and estimated quantities for EPT & TCA Fence and Roads contracts with (b) (6), ECSO.
 - Schedule received that has NTP of 11 Mar 2013 for all four contracts.
 - Funds provided 8 Jan for \$2,118K for 4 contracts.
 - ECSO reviewing need for PgM and Const O/S funding and will provide adjusted

estimates.

- ECSO agreed to provide Const O/S support for CBP gap filler fencing contracts, and requested \$(b)(5) on 2 Jan. Funds approved by (b)(6), (b)(7)(C) and provided to ECSO.
- TCA Lighting and Gate Opening contract thru CBP Procurement
 - Assisting (b)(6), (b)(7)(C) with getting a new contract, and an extension processed.
- Tactical Infrastructure Condition Index Working Group
 - Sent OBP email – full time working group support not needed. Will call (b)(6), (b)(7)(C) for feedback.
 - Will begin planning for first meeting.

Good News

Concerns

- (b)(7)(E) Bridge – Security Requirements
 - (b)(5), (b)(6);(b)(7)(C)
 - (b)(6), (b)(7)(C) from OFO HQ called to get update on (b)(7)(E) He's involved with UP settlement funding. (b)(5), (b)(6);(b)(7)(C)
 - [REDACTED]
 - Span across Rio Grande has been installed, with fencing to deter pedestrian traffic.
 - Completion of (b)(7)(E) project is on hold, per County's construction manager.
 - Real estate acquisition is now complete.
 - (b)(5)
 - (b)(5)
 - [REDACTED]
 - Sent CCRMA email offering swing gate option 7 Dec.
- (b)(7)(E) Boat Ramp
 - (b)(6), (b)(7)(C) is the PM, so I will only report on my engineering support from this point forward.
 - (b)(5), (b)(6); (b)(7)(C)
 - Provided (b)(6), (b)(7)(C) with survey requirements for river bottom topography 29 Jan.
- RGV (b)(7)(E) Highway – Fence Relocation
 - Confirmed funding available from TxDOT & CCRMA bonds; final estimate not developed yet
 - Coordination w/IBWC will start once TxDOT approves draft EA
 - CC engineer sent latest schedule & draft EA 8 Mar
 - Forwarded EA to (b)(6), (b)(7)(C) 2 Apr.

- Received maps from CC engineer 25 Jun.
 - o Latest schedule received from TXDOT 28 Jan 2013. No change in contract letting date of Dec 2013. CCRMA is still working EA & BA.
- IBWC Riverside MOA & design
 - o Response to BPFTI comments received
 - Some items will need to be funded by BPFTI
 - Draft MOA submitted to IBWC 15 June for review.
 - Received IBWC comments and sent CBP comments to them on 22 Oct.
 - o Working IAA for guard rail and security grating over valve vault
 - USACE will initiate design – tasked to them 14 Sep.
 - o Requested update 16 Oct.
 - Will contract separately from IBWC, so no IAA will be required.
- Grate Raising Winches ((b)(7)(E)), RGV
 - o Legal advised that O&M was correct funds source. Drafted PRD
 - RE input received; requested RE and ECSO cost/schedule info 18 Oct
 - o ECSO continues to have trouble getting in-house engineering support.
 - ECSO PM provided estimate on 20 Jun. Will request updated estimate e to cover (b)(7)(E) grate as well.
 - o Discussed with (b)(6), (b)(7)(C) turning over PM duties for this PRD, 12 Dec. I will be engineering support
- (b)(7)(E) Grates – vegetation accumulations are resulting in high maintenance and need to raise grates and hold them open.
 - o Current Hidalgo County design does not allow for holding grates open, and makes lifting grates difficult and possibly a safety concern for inexperienced workers.
 - o Received test data from (b)(6), (b)(7)(C) & (b)(6), (b)(7)(C) on pins for pinning proposal 15 Oct.
 - Currently evaluating data.
 - o (b)(5)
 - I'll discuss with (b)(6), (b)(7)(C) whether she wants to initiate a study.
- CTIMR Support – Area 4
 - o RGV - providing technical support for (b)(6), (b)(7)(C) on unsuitable caliche for levee maintenance, on (b)(7)(E) maintenance scope, and on lifting system for (b)(7)(E) grates.
 - Working to establish standard specification for caliche.
 - o Collecting sample caliche specs & discussing issues with local supplier's engineer.
 - Need to finalize standard for (b)(7)(E); need to reconfirm Sector requirement for width (b)(6), (b)(7)(C) and get (b)(6), (b)(7)(C) final review.
 - o RGV Access Road M&R
 - Visited Sector and site with Primus & (b)(6), (b)(7)(C) & (b)(6), (b)(7)(C).
 - Prepared recommendations for M&R for CWP#2 access roads.
 - o Discussions held 12 Oct with (b)(6), (b)(7)(C) to finalize task descriptions for access roads
 - Received Primus recommendations for road M&R categories for future classification of M&R.
 - o (b)(5), (b)(7)(E)
 - Worked with (b)(6), (b)(7)(C) to clarify standards for cross slopes and aggregate thickness calculations

Deliverables

- RGV Gates IPT minutes & agenda
- Provided review comments on 95% drawings for Design Package #3 for RGV Gates
- Sent clarification to (b) (6), (b) (7)(C) on the plan forward for (b)(7)(E) maintenance IAW our discussions while at Sector.
- Provided a review of the BBT Roads estimate to ECSO.

(b) (6), (b) (7)

(b) (6), (b) (7)(C), PE, PMP

Program Manager

LMI

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

"Excel as a trusted strategic partner enhancing

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Weekly Report - 29 Nov (b) (6), (b) (7)(C)
Date: Thursday, November 29, 2012 9:13:46 AM

(b) (6), (b) (7)

Changes from the last update are in red.

Hot Issues

- Renewal Contracts
 - Twelve contracts awarded. No more contracts are to be awarded (YUM Veg/Debris is on hold).
 - El Paso Fence – last option will expire 8 Jan
 - Yuma Fence – last option will expire 24 Jan
 - Tucson Fence – last option will expire 24 Jan
 - Yuma Roads – last option will expire 22 Jan
 - Tucson Roads – last option will expire 30 Jan
 - El Paso Roads – last option will expire 30 Jan
 - Tucson Veg/Debris – 1st option will start 22 Nov; last option expires 18 May
 - Yuma Lighting – 1st option will start 4 Nov; last option expires 30 Apr
 - El Paso Lighting – 1st option will start 5 Nov; last option expires 4 May
 - Each contract has 2 options, which each last 90 days
 - No MATOC capability exists for future Task Order needs, after MATOCs expire
 - ECSO provided ROM estimate for WA #1, #2, #3, for new TI M&R contracts.
 - Also provided estimate for extensions, if approved by their CO.
 - We are waiting response from CO on extensions for WA#2 & #3 contracts. Decision issued 9 Nov – no extensions allowed.
 - Standing down on using ECSO for gap filler for WA#1.
 - Call held with ECSO on 27 Nov and they were requested to send funds request ASAP for incremental funds to support PM.
 - EPT and TCA Fence were identified as top priority needs, with TCA and EPT Roads next.
 - We are considering options for TCA Lighting and YUM Roads.
 - 45 day gap filler packages sent to (b) (6), (b) (7)(C) for review for TCA and EPT Fencing.
 - Funds requests submitted and approved for both.
 - Gate maintenance is deleted from TCA contract, after coordination with (b) (6), (b) (7)(C). Allows 45 day PoP vs. 1 mo.
- (b)(7)(E) Bridge – Security Requirements
 - (b) (5), (b)(6);(b)(7)(C)
 - Span across Rio Grande has been installed, with fencing to deter pedestrian traffic.
 - Completion of (b)(7)(E) project is on hold, per County's construction manager.
 - Real estate acquisition is now complete.
 - CC is waiting on a proposal from contractor to complete the project.

- (b) (5)
 - (b) (5)
 - (b) (5)
 - (b)(7)(E) Boat Ramp
 - Revised PRD is in technical review as of 9 Oct. PRD addresses phase 1 need for surveys of river bottom, and for gradient boundary line.
 - Phase 2 PRD will be developed once scope is confirmed with Sector following receipt of survey results.
 - PRD is final and was sent to ECSO for action.

Major Efforts

- RGV Gates
 - Plan-in-hand site inspection scheduled for second set of designs (b)(7)(E) on 4 Dec.
 - Final design dwgs received for 1st package (b)(7)(E)
 - Test gates were accepted on 14 Nov
 - DOJ got possession of Loop tracts on 15 Nov. Delay to Weston may be ~15 days due to extended time to mobilize subs, per discussion between USACE/Weston.
 - Updated schedule received showing work starting at (b)(7)(E) on 3 Dec.
 - ECSO received REA for \$30K from Weston due to delay.
 - Sector is coordinating a visit to (b)(7)(E) to discuss our gate work in relation to his ramp (we will accommodate it). They plan to schedule it before 30 Nov.
 - IBWC agrees to allow his current ramp as is, if he agrees to conditions, and will attend the meeting.
 - AUSA will also attend the meeting. Possession to needed (b)(7)(E) tracts received 15 Nov.
 - RE working on possession of fee under levee for (b)(7)(E)
 - Gate Closure Communications
 - BPFTI sent 10 landowner notice letters
 - AUSA will send out the rest, (b) (5)
 - BOD is in the process of putting message on HOTLINE advising of new schedule.
 - Landowner training
 - Mock training is being held today, 29 Nov, at Sector.
 - Sector plans to train the Station trainers on 11/12 Dec.

Good News

Concerns

- RGV (b)(7)(E) Highway – Fence Relocation
 - Confirmed funding available from TxDOT & CCRMA bonds; final estimate not developed yet
 - Coordination w/IBWC will start once TxDOT approves draft EA
 - CC engineer sent latest schedule & draft EA 8 Mar
 - Forwarded EA to (b) (6), (b) (7)(C) 2 Apr.
 - Received maps from CC engineer 25 Jun.
 - TXDOT (thru IBWC) provided schedule info, noting a contract letting date of Dec 2013.

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 - Collecting sample caliche specs & discussing issues with local supplier's engineer.
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 - RGV Access Road M&R
 - Visited Sector and site with Primus & (b)(6), (b)(7)(C) & (b)(6), (b)(7)(C).
 - Prepared recommendations for M&R for CWP#2 access roads.
 - Discussions held 12 Oct with (b)(6), (b)(7)(C) to finalize task descriptions for access roads
 - Received Primus recommendations for road M&R categories for future classification of M&R.
 - (b)(5), (b)(7)(E)
 - Worked with (b)(6), (b)(7)(C) to clarify standards for cross slopes and aggregate thickness calculations

Deliverables

RGV Gates IPT minutes for 15 November meeting

- EPT Fencing M&R SOW, IGCE, appendices, sole source justification, funds request
- TCA Fencing M&R SOW, IGCE, appendices, funds request

(b) (6), (b) (7)

(b) (6), (b) (7)(C), PE, PMP

Program Manager

LMI

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

"Excel as a trusted strategic partner enhancing

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: FW: Tucson Fencing M&R SOW
Date: Monday, December 03, 2012 8:23:25 AM
Attachments: [TCA Fence - Maps.pdf](#)

Good Morning (b) (6), (b) (7)(C) – (b) (5), (b)(6);(b)(7)(C)

[REDACTED]

[REDACTED]

[REDACTED]

Thanks!

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Monday, December 03, 2012 7:57 AM
To: (b) (6), (b) (7)(C)
Subject: FW: Tucson Fencing M&R SOW

(b) (6), (b) (7)(C)

Is (b) (6), (b) (7)(C) requesting the same information that I provide (b) (6), (b) (7)(C) last month?

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Saturday, December 01, 2012 10:14 AM
To: (b) (6), (b) (7)(C)
Subject: Tucson Fencing M&R SOW

(b) (6), (b) (7)(C)

I need a listing of the types of fencing from west to east, including PF225, VF300, legacy and any other program identified on the maps. Also, I need it updated to reflect the latest work in (b)(7)(E) and (b)(7)(E) to replace legacy fencing.

The maps in the current SOW (attached) don't show what type of fencing, so it's of little use to bidders who haven't visited the sites. I tried to get the info from FITT but couldn't find it. The more detailed info from the Sector Books seems to be missing.

I'm guessing that there's a listing somewhere that shows each fence segment, and the type of fencing it is. Thanks for the help.

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), PE, PMP
Program Manager
LMI
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
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Border Patrol's proud legacy"






APPENDIX I

(b) (5), (b) (7)(E)

Fence

-  PF225 Constructed Fence
-  VF300 Constructed Fence
-  PF70 Constructed Fence
-  Legacy Pedestrian Fence
-  Legacy Vehicle Fence

Boundaries

-  Ports of Entry
-  Border Monuments
-  CBP Sector Boundaries
-  CBP Station Boundaries
-  State Boundaries

Federal Land

-  Tribal Land
-  National Parks
-  National Wildlife Refuges
-  National Forests
-  Department of Defense Land
-  Bureau of Reclamation Land
-  Bureau of Land Management Land

**If sheet measures less than 11x17" it is a reduced print.
Reduce scale accordingly.*

1 in = 1 mi

1:63,360

(b) (7)(E)

Friday, September 09, 2011
Michael Baker Jr., Inc.






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(b) (5), (b) (7) (E)

Fence

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-  PF70 Constructed Fence
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-  Bureau of Land Management Land

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1 in = 1.26 mi

1:80,000

(b) (7) (E)

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(b) (5), (b) (7)(E)

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-  Bureau of Land Management Land

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1 in = 0.5 mi

1:31,680

(b) (7)(E)

Friday, September 09, 2011
Michael Baker Jr., Inc.






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(b) (5), (b) (7) (E)

Fence

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-  Bureau of Land Management Land

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Reduce scale accordingly.*

1 in = 1.03 mi

1:65,000

(b) (7) (E)

Friday, September 09, 2011
Michael Baker Jr., Inc.






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(b) (5), (b) (7)(E)

Fence

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Boundaries

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-  National Forests
-  Department of Defense Land
-  Bureau of Reclamation Land
-  Bureau of Land Management Land

**If sheet measures less than 11x17" it is a reduced print.
Reduce scale accordingly.*

1 in = 1.58 mi

1:100,000

(b) (7)(E)

Friday, September 09, 2011
Michael Baker Jr., Inc.






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(b) (5), (b) (7)(E)

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-  Bureau of Land Management Land

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Reduce scale accordingly.*

1 in = 2.53 mi

1:160,000

(b) (7)(E)

Friday, September 09, 2011
Michael Baker Jr., Inc.






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(b) (5), (b) (7)(E)

Fence

-  PF225 Constructed Fence
-  VF300 Constructed Fence
-  PF70 Constructed Fence
-  Legacy Pedestrian Fence
-  Legacy Vehicle Fence

Boundaries

-  Ports of Entry
-  Border Monuments
-  CBP Sector Boundaries
-  CBP Station Boundaries
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Federal Land

-  Tribal Land
-  National Parks
-  National Wildlife Refuges
-  National Forests
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-  Bureau of Reclamation Land
-  Bureau of Land Management Land

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Reduce scale accordingly.*

1 in = 1.89 mi


















1:120,000

(b) (7)(E)

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1 in = 0.71 mi 1:45,000

(b) (7)(E)

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1 in = 0.79 mi

1:50,000

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1 in = 2 mi 1:126,720

(b) (7)(E)

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1 in = 1.1 mi

1:70,000

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1 in = 0.39 mi

1:25,000

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1 in = 1.58 mi

1:100,000

(b) (7)(E)

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1 in = 0.33 mi

1:21,120

(b) (7)(E)

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From: (b) (6)
To: (b) (6), (b) (7)(C)
Cc: (b) (6)
Subject: Weekly Report - (b) (6), (b) (7)(C)
Date: Thursday, April 04, 2013 10:58:40 PM

(b) (6), (b) (7)

Changes from the last update are in red.

Hot Issues

- CTIMR contract post award conference held 3 & 4 April in El Paso.
- RGV Gates
 - Work is progressing from (b)(7)(E) All gate foundation/slab work complete in Cameron County (b)(7)(E) except (b)(7)(E) which will be complete 15 April. Steel fabrication continues to delay progress for Weston.
 - Work begun in Hidalgo County at (b)(7)(E)
 - Gate testing in (b)(7)(E) may begin in early April, but is being delayed by lack of some components.
 - Alternate access resolved in Hidalgo County at (b)(7)(E) with Weston.
 - (b)(7)(E) resolved – Weston will have one of (b)(7)(E) gates open for access. No cost; approved by sub.
 - (b)(7)(E) – Concrete sub agreed to leave one gate open at each fence segment for access, without impact to his operations.
 - Due to anticipated late utility access rights, (b) (5)
 - Received a formal proposal from Weston for the (b) (6) Gate/ramp/filler fence for about \$(b) (5) IGCE is \$241; USACE (b) (6) negotiated a final price of \$129,840.42!!
 - Received proposal for Weston to remob to power up gates that will require generators for testing/acceptance due to lack of timely real estate. Maximum exposure is (b)(7)(E) gates or (b) (5), (b) (3).
 - Gate Closure Communications
 - BOD has message on HOTLINE advising of new schedule, and is providing updates.
 - Working on notification letters to landowners from (b)(7)(E).
 1. Completed (b)(7)(E) Working (b)(7)(E)
 - Landowner training
 - Sector training held for the Station trainers on 11/12 Dec.
 - OCC was provided final training documents for use by DOJ appraisers.
 - Sector is accepted final training documents; CD sent to Sector 25 March.
 -
 - IBWC coordination
 - Facilitated meeting with IBWC to discuss their approval of Design Packages #1 and #2. (b) (6), (b) (7)(C) arranged the meeting.
 - Provided real estate information they requested for (b)(7)(E) on 1 Feb.
 - IBWC approved DP#3; (b) (6), (b) (7)(C) will contact IBWC for formal approval.
 - Waiting on IBWC update on Upper Brownsville Levee Rehab award.
 - (b) (6), (b) (7)(C) sent note on 20 Feb asking for an update.
 - IBWC response 22 Feb – delay in NTP; no start date estimated.

Major Efforts

- Renewal Contracts – Round IV
 - Twelve contracts awarded. No more contracts are to be awarded (YUM Veg/Debris is on hold).
 - El Paso Fence – last option expired 8 Jan
 - Yuma Fence – last option expired 24 Jan
 - Tucson Fence – last option expired 24 Jan
 - Yuma Roads – last option expired 22 Jan
 - Tucson Roads – last option expired 30 Jan
 - El Paso Roads – last option expired 30 Jan
 - BBT Roads – last option expired 26 Mar.
 - Tucson Veg/Debris – last option will expire 21 May; extension available.
 - Yuma Lighting – last option will expire 3 May; extension available
 - El Paso Lighting – last option will expire 4 May; extension available
 - EPT Veg/Deb – first option has been exercised, good thru 30 Mar. ECSO awarded 2nd (last) option 20 Mar.
 - ECSO Round V Contracts (TCA, EPT, BBT)
 - \$120K transferred to ECSO 29 Nov to cover PM to get contracts awarded.
 - EPT and TCA Fence were identified as top priority needs, with TCA and EPT Roads next, and BBT Roads/Veg/Debris next.
 - Also working with (b) (6), (b) (7)(C) on TCA Gate Opening contract extension and TCA Lighting reprourement.
 - Gate opening contract was extended effective 17 Feb, for 3 months thru mid-May 2013.
 - (b) (6), (b) (7)(C) is working new lighting contract thru Sector procurement.
 - YUM M&R coverage
 - Fence will be done in-house until CTIMR
 - Roads will be done in-house and with small contract thru CBP Procurement
 - Gap filler roads/veg/debris contract being developed by (b) (6), (b) (7) – under (b) (5)
 - CBP Gap Filler packages sent to (b) (6), (b) (7)(C) for review for TCA and EPT Fencing.
 - EPT Fencing contract awarded to Cerrudo 19 Dec for \$142,518.98, from 9 Jan – 23 Feb 2013.
 - Extension issued with additional \$135,393.10 to cover services thru 31 March.
 - (b) (6), (b) (7)(C) extended contract to 20 April. Funding may last to 14 Apr, or 12 Apr if gate retrofit design tasked.
 - Working with DJI/UCC to transition next week before funding runs out.
 - Received proposal for gate retrofit for up to (b) (7) gates.
 - Reviewing two unpaid invoices for Feb/Mar.
 - TCA Fencing PO issued to Capers in the amount of \$82,243.36 on 3 Jan 2013.
 - Mod issued 13 Mar extending contract to 12 May 2013, and adding \$(b) (5).
 - Working on budget and estimated quantities for EPT & TCA Fence and Roads contracts

with (b) (6), ECSO.

- Baseline schedule showed NTP of 11 Mar 2013 for all four contracts.
 - Schedule update on 6 March shows NTP's as follows;
 - TCA Fence – 20 April
 - TCA Roads – 9 April; **delayed due to negotiation issues.**
 - EPT Fence – cancelled due to start of CTIMR
 - EPT Roads – cancelled due to start of CTIMR
 - BBT Roads – cancelled due to start of CTIMR.
 - Proposals received on TCA contracts.
 - TCA Fence proposal was within IGCE. TCA Roads is negotiable.
- Funds provided 8 Jan for \$2,118K for 4 contracts.
 - ECSO requested additional \$200K for TCA Roads, and \$250K for initial PM and Construction Oversight on 20 Mar.
- ECSO agreed to provide Const O/S support for CBP gap filler fencing contracts, and requested (b) (5) on 2 Jan. Funds approved by (b) (6), (b) (7) and provided to ECSO.
- Tactical Infrastructure Condition Index Working Group
 - First meeting held 1 March.
 - Second meeting held 22 Mar; next meeting is 8 April

Good News

- (b) (7)(E) Project
 - EPWU water line drawings received for review/coordination against our project.

Concerns

- EPT IAA for Vega Mowing
 - (b) (5)
 - (b) (6), (b) (7)(E) will discuss with IBWC to confirm their concurrence.
 - IAA was sent to IBWC by Contracting for review.

- (b) (7)(E) Bridge – Security Requirements

(b) (5), (b) (6); (b) (7)(C)

- (b) (5)
- (b) (5)
- (b) (6), (b) (7)(C) from OFO HQ called on 22 Jan to get update on (b) (7)(E) He's involved with UP settlement funding. (b) (5)
- Reached out to CC counsel on easement outgrant 28 Jan due to slow progress. Waiting response, (b) (5)
- Provided support to BOD for meeting with Congressional staffs held on 15 Feb.
 - Advised by BOD that CC is still applying to the state for funding.
- Span across Rio Grande has been installed, with fencing to deter pedestrian traffic.
- Completion of (b) (7)(E) project is on hold, per County's construction manager.

- Real estate acquisition is now complete.
 - (b) (5)
 - (b) (5)
 -
 -
- Sent CCRMA email offering swing gate option 7 Dec.
- RGV (b)(7)(E) Highway – Fence Relocation
 - Confirmed funding available from TxDOT & CCRMA bonds; final estimate not developed yet
 - Coordination w/IBWC will start once TxDOT approves draft EA
 - CC engineer sent latest schedule & draft EA 8 Mar
 - Forwarded EA to (b) (6), (b) (7)(C) 2 Apr.
 - Received maps from CC engineer 25 Jun.
 - Latest schedule received from TXDOT 28 Jan 2013. No change in contract letting date of Dec 2013. CCRMA is still working EA & BA.
- IBWC Riverside MOA & design
 - IBWC advised on 28 Feb that project does not have funding and will be shelved until funding is available. Guard rail and security grating should be considered for continued action.
- CTIMR Support – Area 4
 - RGV - providing technical support for (b) (6), (b) (7)(E) on unsuitable caliche for levee maintenance, on (b)(7)(E) maintenance scope, and on lifting system for (b)(7)(E) grates.
 - Provided technical review comments on CWP#4 for RGV CLIN 2 (roads) on 12 Mar.
 - (b) (5), (b) (7)(E)
 - Corrected work on road to be retested (b)(7)(E)
 - Resolved (b)(7)(E) maintenance approach with (b) (6), (b) (7)(E) & (b) (6), (b) (7)(E)
 - Adjusted M&R approach on (b)(7)(E) Rd and (b)(7)(E) Rd
 - Working to establish standard specification for caliche.
 - Collecting sample caliche specs & discussing issues with local supplier's engineer.
 - Need to finalize standard for (b)(7)(E); need to reconfirm Sector requirement for width (b) (6), (b) (7)(E) and get (b) (6), (b) (7)(C) final review.
 - RGV Access Road M&R
 - Visited Sector and site with Primus & (b) (6), (b) (7)(E) & (b) (6), (b) (7)(C).
 - Prepared recommendations for M&R for CWP#2 access roads.
 - Discussions held 12 Oct with (b) (6), (b) (7)(C) to finalize task descriptions for access roads
 - Received Primus recommendations for road M&R categories for future classification of M&R.

o (b) (5), (b) (7)(E)

- Worked with (b) (6), (b) (7)(C) to clarify standards for cross slopes and aggregate thickness calculations

Deliverables

- RGV Gates IPT minutes & agenda
- Reviewed GWP for CTIMR WA#3

(b) (6), (b) (7)

(b) (6), (b) (7)(C), PE, PMP

Program Manager

LMI

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

*"Excel as a trusted strategic partner enhancing
Border Patrol's proud legacy"*

From: (b) (6), (b) (7)(C)
To: (b) (6)
Subject: Fw: CTIMR WEEKLY
Date: Friday, May 15, 2015 5:29:27 PM
Attachments: [CTIMR WEEKLY REPORT 5.15.15.docx](#)

From: (b) (6), (b) (7)(C)
Sent: Friday, May 15, 2015 12:33 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: CTIMR WEEKLY

Dear Team

Attached and below is the CTIMR Weekly.

Have a great weekend!

(b) (6), (b) (7)(C)

CTIMR WEEKLY REPORT
5/11/15 – 5/15/15

I Work Area 1

a. San Diego

1. TI Site visit/familiarization with new LMI Engineer (b) (6), (b) (7)(C) – with (b) (6), (b) (7)(C) surveyed location of NextEra Energy solar farm set to impact current border access easement in (b) (7)(E) fencing/road; (b) (7)(E) and rapid deterioration of steel bollard fencing thru (b)(7)(E) area; IBWC flapper valves welded shut in Levee-will cause major backup in storm.
2. First of 5 env support work orders awarded to support nesting surveys for WP-3 vegetation removal – start next week.
3. Held scoping session with SDC TI Coordinator and Facilities/TI Supervisors on Must-Pay Non-Owned tasker, gathering date for extent, cost estimate.
4. Issue – (b) (7)(E) pushing to add more barb wire along tertiary and secondary fence, top and bottom – quantifying impact to M&R, other risks.

b. El Centro

1. Gather requirements for non-owned operational roads
2. Working real-estate issues from (b) (7)(E) check along border between All American Canal and fence.
3. Closing WP2 .

II Work Area 2

a. Yuma

1. No routine activities.
2. Two Urgent fence breaches.
3. Q2 WP entered into WMS.

b. Tucson

1. Working with Proc to reallocate funds between WA-2 contract to create next work plan.
2. Getting the (b) (5) WA-2 CTIMR modification awarded.
3. De-obligate funds from one Naco Secondary fence contract to another to complete the project.

III Work Area 3

a. El Paso

1. IBWC MOU still a pending issue: roads and vegetation associated with the levee and

- vega need immediate M&R.
2. Site visit planned to complete final inspections and steel inventory at (b)(7)(E)-Complete
 3. (b)(7)(E) CR submitted and approved at no additional cost.
 4. Crossovers – Addressing safety issue at (b)(7)(E). USACE will design walkway and CTIMR will install it top prevent delayed closure to these three bridges. Re-compete is on schedule, proposals are due May 1st and SSEB is scheduled to meet May 27 thru 29th to conduct evaluations.
 5. (b)(7)(E) Operational Lighting - No designs are currently available. Informed all parties that preliminary designs would be forth coming to it would be necessary for all involved to get on a Telecom to discuss path forward.
 6. Generators: Received confirmation from (b)(6), (b)(7) to proceed with inspection on all (b)(7)(E) sites and include rodent protection. CTIMR will have completed (b)(7) generator sites by COB Friday May 15th, and expect to continue with the remaining (b)(7) sites early next week. Rodent removal and protection as well as generator operation will be completed at all sites.

b. Big Bend

1. All CTIMR related activities continue to be completed as requested and to satisfaction or above.
2. BBT sector continues to develop new requirements and submit for CTIMR RE/ENV clearances. Confirmed site visit scheduled for Friday May 8th.

IV Work Area 4

a. Del Rio

1. (b)(7)(E) Bridge: PRD is on hold until we receive the final Engineering assessment. Funding is needed to execute the design work required to move forward. I have requested the necessary funds and provided SOW to (b)(6), (b)(7)(C) for this support. Held meeting with RE on 3/26/15 to discuss path forward. All information received from the surveyor is currently under RE review. Ongoing.
2. (b)(7)(E) : embankment issues, Ongoing, continue to monitor the situation for further erosion. New developments with recent rains, erosion is starting to increase.
3. All CTIMR related activities continue to be completed as requested and to satisfaction or above.
4. Completed Bird Surveys associated with CTIMR activities

b. Laredo

1. (b)(7)(E) Boat ramp PRD going through Signatures.
2. Laredo Grates completed. Final inspections scheduled for Monday May 18th. Final invoice and TECO to follow. MR of grates in current WP.
3. Persistent rains continue to be problem at RGV and LRT

c. RGV

1. (b)(7)(E) boat ramp cofferdam was once again overtopped due to rains and high flow releases from MX reservoirs. Schedule continues to slip to the right. New completion date is June 11th.
2. (b)(7)(E) - Some landowners at end of road are landlocked. New access road will ards (b)(7)(E) Roads.
3. CTIMR WA4 Re-Compete – Award slipped from August 13 - August 26th. Slip due to late questions to offeror and discussions.

(b) (6), (b) (7)(C)

E3 Federal Solutions, LLC

Management Analyst, Tactical Infrastructure Division

Border Patrol Facilities and Tactical Infrastructure Program Management Office

Facilities Management and Engineering

BB: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

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CTIMR WEEKLY REPORT

5/11/15 – 5/15/15

I Work Area 1

a. San Diego

1. TI Site visit/familiarization with new LMI Engineer (b) (6), (b) (7)(C) – with (b) (6), (b) (7)(C) surveyed location of NextEra Energy solar farm set to impact current border access easement in (b) (7)(E) encing/road; (b) (7)(E) and rapid deterioration of steel bollard fencing thru (b) (7)(E) area; IBWC flapper valves welded shut in Levee-will cause major backup in storm.
2. First of 5 env support work orders awarded to support nesting surveys for WP-3 vegetation removal – start next week.
3. Held scoping session with SDC TI Coordinator and Facilities/TI Supervisors on Must-Pay Non-Owned tasker, gathering date for extent, cost estimate.
4. Issue – (b) (7)(E) pushing to add more barb wire along tertiary and secondary fence, top and bottom – quantifying impact to M&R, other risks.

b. El Centro

1. Gather requirements for non-owned operational roads
2. Working real-estate issues from (b) (7)(E) check along border between (b) (7)(E) (b) (7)(E) and fence.
3. Closing WP2 .

II Work Area 2

a. Yuma

1. No routine activities.
2. Two Urgent fence breaches.
3. Q2 WP entered into WMS.

b. Tucson

1. Working with Proc to reallocate funds between WA-2 contract to create next work plan.
2. Getting the (b) (5) WA-2 CTIMR modification awarded.
3. De-obligate funds from one Naco Secondary fence contract to another to complete the project.

III Work Area 3

a. El Paso

1. IBWC MOU still a pending issue: roads and vegetation associated with the levee and vega need immediate M&R.
2. Site visit planned to complete final inspections and steel inventory at (b) (7)(E) Complete
3. (b) (7)(E) CR submitted and approved at no additional cost.
4. Crossovers – Addressing safety issue at (b) (7)(E) USACE will design walkway and CTIMR will install it top prevent delayed closure to these three bridges. Re-compete is on schedule, proposals are due May 1st and SSEB is scheduled to meet May 27 thru 29th to conduct evaluations.

5. (b) (7)(E) Operational Lighting - No designs are currently available. Informed all parties that preliminary designs would be forthcoming it would be necessary for all involved to get on a Telecom to discuss path forward.
6. Generators: Received confirmation from (b) (6), (b) (7) to proceed with inspection on all (b) (7) sites and include rodent protection. CTIMR will have completed (b) (7) generator sites by COB Friday May 15th, and expect to continue with the remaining (b) (7) sites early next week. Rodent removal and protection as well as generator operation will be completed at all sites.

b. Big Bend

1. All CTIMR related activities continue to be completed as requested and to satisfaction or above.
2. BBT sector continues to develop new requirements and submit for CTIMR RE/ENV clearances. Confirmed site visit scheduled for Friday May 8th.

IV Work Area 4

a. Del Rio

1. (b) (7)(E) Bridge: PRD is on hold until we receive the final Engineering assessment. Funding is needed to execute the design work required to move forward. I have requested the necessary funds and provided SOW to (b) (6), (b) (7)(C) for this support. Held meeting with RE on 3/26/15 to discuss path forward. All information received from the surveyor is currently under RE review. Ongoing.
2. (b) (7)(E) embankment issues, Ongoing, continue to monitor the situation for further erosion. New developments with recent rains, erosion is starting to increase.
3. All CTIMR related activities continue to be completed as requested and to satisfaction or above.
4. Completed Bird Surveys associated with CTIMR activities

b. Laredo

1. (b) (7)(E) boat ramp PRD going through Signatures.
2. (b) (7)(E) rates completed. Final inspections scheduled for Monday May 18th. Final invoice and TECO to follow. MR of grates in current WP.
3. Persistent rains continue to be problem at RGV and LRT

c. RGV

1. (b) (7)(E) boat ramp cofferdam was once again overtopped due to rains and high flow releases from MX reservoirs. Schedule continues to slip to the right. New completion date is June 11th.
2. (b) (7)(E) - Some landowners at end of road are landlocked. New access road will be repaired towards (b) (7)(E) Roads.
3. CTIMR WA4 Re-Compete – Award slipped from August 13 - August 26th. Slip due to late questions to offeror and discussions.

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C); (b) (6)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Justifications for UFRs for TI
Date: Tuesday, December 10, 2013 12:24:30 PM
Attachments: [PRD \(b\)\(7\)\(E\) TCA 7652-4 Primary Fence Replacement priority 4 02072012 v3 sls.doc](#)
[PRD \(b\)\(7\)\(E\) TCA 7653-1 Primary Fence Replacement v7.4 mile draft.doc](#)

Here are the two PRDs. Both are draft

(b) (6), (b) (7)(C), PMP
CTR-LMI
BPFTI PMO
OF: (b) (6), (b) (7)(C)
BB: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Tuesday, December 10, 2013 12:18 PM
To: (b) (6), (b) (7)(C); (b) (6)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Justifications for UFRs for TI

No worries. It should be in the PRDs. Just saw (b) (6), (b) (7)(C) response. (b) (6), (b) (7)(C) is between Houston and ELP right now. Way to go (b) (6), (b) (7)(C) Thanks..

(b) (6), (b) (7)(C), CBM, PMP
Division Director, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
1301 Constitution Ave. NW, Suite B-155
Washington, DC 20004
Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
Sent: Tuesday, December 10, 2013 12:15 PM
To: (b) (6), (b) (7)(C); (b) (6)
Cc: (b) (6), (b) (7)(C)
Subject: Justifications for UFRs for TI

Hi (b) (6), (b) (7)(C) and (b) (6)
I hate to ask for this because I believe that we've done this before, but do you have the justifications for (b)(7)(E)
(b) (5)
OTIA is asking for us to provide justifications by COB Wednesday. If you can send me anything you have, I can craft it into a justification.
Thanks,

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Special Projects Analyst, Business Operations Division
Strategic Analysis, Inc.

Border Patrol Facilities and Tactical Infrastructure
Program Management Office

Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

BB: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

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(b) (5), (b) (7)(E)

(b) (5), (b) (7)(E)

(b) (5), (b) (7)(E)

(b) (5), (b) (7)(E)

(b) (5), (b) (7)(E)

(b) (5), (b) (7)(E)

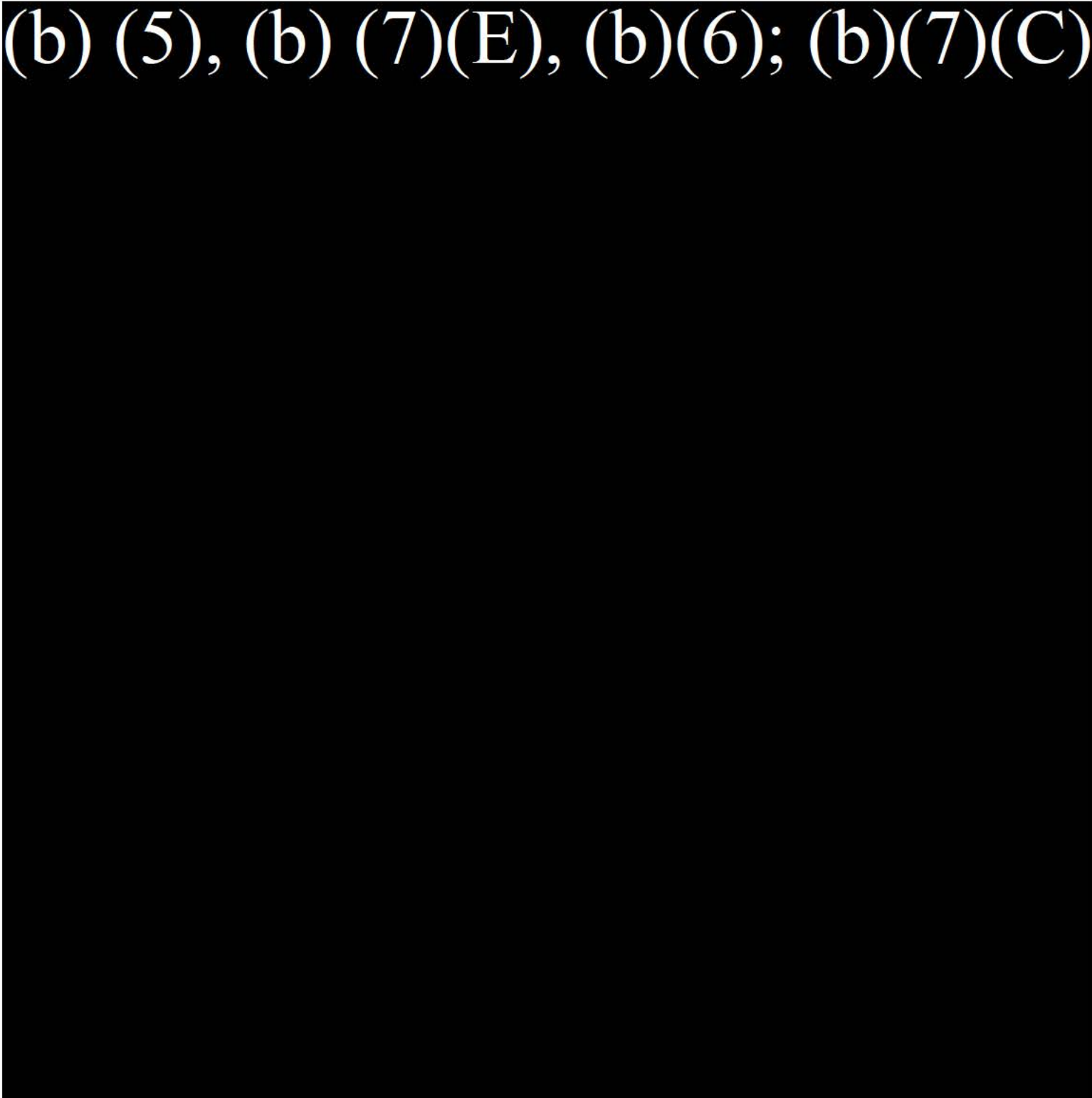
(b) (5), (b) (7)(E)

(b) (5), (b) (7)(E)

(b) (5), (b) (7)(E)

(b) (5), (b) (7)(E)

(b) (5), (b) (7)(E), (b)(6); (b)(7)(C)



(b) (5), (b) (7)(E), (b)(6);(b)(7)(C)

(b) (5), (b) (7)(E)

(b) (5), (b) (7)(E)

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(b) (5), (b) (7)(E)

(b) (5), (b) (7)(E)

(b) (5), (b) (7)(E)

(b) (5), (b) (7)(E)

(b) (5), (b) (7)(E), (b)(6); (b)(7)(C)



From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C); (b) (6);
Subject: Weekly Report - 7 Nov 2012 (b) (6), (b) (7)(C)
Date: Wednesday, November 07, 2012 6:34:29 PM

(b) (6), (b) (7)

Changes from the last update are in red.

Hot Issues

- Renewal Contracts
 - Twelve contracts awarded. No more contracts are to be awarded (YUM Veg/Debris is on hold).
 - ECSO can extend the following upcoming options:
 - Yuma Fence – last option will start 25 Oct
 - Tucson Fence – last option will start 25 Oct
 - Yuma Roads – last option will start 23 Oct
 - Tucson Roads – last option will start 1 Nov
 - El Paso Roads – last option will start 2 Nov
 - Tucson Veg/Debris – 1st option will start 22 Nov
 - Yuma Lighting – 1st option will start 4 Nov
 - El Paso Lighting – 1st option will start 5 Nov
 - Each contract has 2 options, which each last 90 days
 - ECSO exercised the last option for El Paso Fence on 4 Oct.
 - It will expire 8 Jan 2013.
 - No other contract plans exist at this time except for CTIMR, which is subject to protest.
 - No MATOC capability exists for future Task Order needs, after MATOCs expire
 - ECSO provided ROM estimate for WA #1, #2, #3, for new TI M&R contracts.
 - Also provided estimate for extensions, if approved by their CO.
 - We are waiting response from CO on extensions for WA#2 & #3 contracts. Due 5 Nov, but not received yet.
 - Standing down on using ECSO for gap filler for WA#1.
 - Requested ECSO send funds request to FM&E for funding needed to start actions for gap fillers. They are waiting until CO responds on extensions.
 - Time's wasting, especially for EPT and TCA Fencing!
- (b)(7)(E) Bridge – Security Requirements
 - (b) (5)
 - Span across Rio Grande has been installed, with fencing to deter pedestrian traffic.
 - Completion of (b)(7)(E) project is on hold, per County's construction manager.
 - Real estate acquisition is now complete.
 - CC is waiting on a proposal from contractor to complete the project.
 - (b) (5)
- (b)(7)(E) Boat Ramp
 - Revised PRD is in technical review as of 9 Oct. PRD addresses phase 1 need for surveys

- of river bottom, and for gradient boundary line.
- Phase 2 PRD will be developed once scope is confirmed with Sector following receipt of survey results.
- Sector signed PRD.

Major Efforts

- Contingency Contract Plans for WA#1
 - Working with (b) (6), (b) (7)(E) on backup plans for WA#1 and other areas.
- RGV Gates
 - Plan-in-hand site inspection held on (b) (7)(E) gates for (b) (7)(E) on 25 Oct.
 - Second set of designs (b) (7)(E) may be ready to submit before Thanksgiving.
 - Final design dwgs received for 1st package (b) (7)(E)
 - Contractor trying to complete test gates but being delayed by rewiring of control panels, and late delivery on trolley items.
 - Expect acceptance ~7 Nov, and NTP for fabrication by 14 Nov.
 - New potential delay risks due to lack of alternate access for landowners, and (b) (7)(E) ramp issue.
 - Gate Closure Communications
 - BPFTI sent 10 landowner notice letters
 - (b) (5)
 - (b) (5)
 - (b) (5)
 - Landowner training
 - (b) (6); (b) (7)(C) developed draft training design and will edit training slides.
 - Virtual walkthru will be conducted 15 Nov with Sector T3 personnel.
 - Funding Data In FITT
 - (b) (6), (b) (7)(C) updated budget data to equal funds available (\$20.7M)
 - Provided data to (b) (6), (b) (7)(C) to update funds transferred.
 - (b) (6), (b) (7)(E) working with (b) (6), (b) (7)(C) to make updates.

Good News

Concerns

- RGV (b) (7)(E) Highway – Fence Relocation
 - Confirmed funding available from TxDOT & CCRMA bonds; final estimate not developed yet
 - Coordination w/IBWC will start once TxDOT approves draft EA
 - CC engineer sent latest schedule & draft EA 8 Mar
 - Forwarded EA to (b) (6), (b) (7)(C) 2 Apr.
 - Received maps from CC engineer 25 Jun.
 - TxDOT (thru IBWC) provided schedule info, noting a contract letting date of Dec 2013.
- IBWC Riverside MOA & design
 - Response to BPFTI comments received
 - Some items will need to be funded by BPFTI
 - Draft MOA submitted to IBWC 15 June for review.
 - Received IBWC comments and sent CBP comments to them on 22 Oct.
 - Working IAA for guard rail and security grating over valve vault
 - USACE will initiate design – tasked to them 14 Sep.

- Requested update 16 Oct.
 - Will contract separately from IBWC, so no IAA will be required.
- Grate Raising Winches ((b)(7)(E) RGV)
 - Legal advised that O&M was correct funds source. Drafted PRD
 - RE input received; requested RE and ECSO cost/schedule info 18 Oct
 - ECSO continues to have trouble getting in-house engineering support.
 - ECSO PM provided estimate on 20 Jun. Will request updated estimate e to cover (b)(7)(E) grate as well.
 - Will discuss with (b)(6), (b)(7) turning over PM duties for this PRD, per (b)(6), (b)(7)
- (b)(7)(E) Grates – vegetation accumulations are resulting in high maintenance and need to raise grates and hold them open.
 - Current Hidalgo County design does not allow for holding grates open, and makes lifting grates difficult and possibly a safety concern for inexperienced workers.
 - Received test data from (b)(6), (b)(7) & (b)(6), (b)(7)(C) on pins for pinning proposal 15 Oct.
 - Currently evaluating data.
 - (b)(5)
 - I'll discuss with (b)(6), (b)(7) whether she wants to initiate a study.
- CTIMR Support – Area 4
 - RGV – providing technical support for (b)(6), (b)(7) on unsuitable caliche for levee maintenance, on (b)(7)(E) maintenance scope, and on lifting system for (b)(7)(E) grates.
 - Working to establish standard specification for caliche.
 - Collecting sample caliche specs & discussing issues with local supplier's engineer.
 - RGV Access Road M&R
 - Visited Sector and site with Primus & (b)(6), (b)(7) & (b)(6), (b)(7)(C).
 - Prepared recommendations for M&R for CWP#2 access roads.
 - Discussions held 12 Oct with (b)(6), (b)(7)(C) to finalize task descriptions for access roads
 - Received Primus recommendations for road M&R categories for future classification of M&R.
 - (b)(5), (b)(7)(E)
 - (b)(5), (b)(7)(E)
 - Worked with (b)(6), (b)(7)(C) to clarify standards for cross slopes and aggregate thickness calculations

Deliverables

- RGV Gates IPT minutes for 31 October meeting

(b)(6), (b)(7)

(b)(6), (b)(7)(C), PE, PMP
 Program Manager
 LMI
 Border Patrol Facilities and Tactical Infrastructure
 Program Management Office
 Facilities Management and Engineering
 Office: (b)(6), (b)(7)(C)

Mobile: (b) (6), (b) (7)(C)

"Excel as a trusted strategic partner enhancing

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Subject: (b)(7)(E)PRD
Date: Tuesday, April 16, 2013 12:41:12 PM
Attachments: PRD (b)(7)(E) TCA 7653-1 Primary Fence Replacement (RSD) 03152013.doc

(b) (6), (b) (7)(C)

PM, TI

LMI

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BB: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

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(b) (5), (b) (7)(E), (b)(6);(b)(7)(C)

(b) (5), (b) (7)(E)

(b) (5), (b) (7)(E)

(b) (5), (b) (7)(E)

(b) (5), (b) (7)(E)

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(b) (5), (b) (7)(E)

(b) (5), (b) (7)(E)

(b) (5), (b) (7)(E), (b)(6); (b)(7)(C)

