

From:
To:

(b) (6)

Cc:
Subject: RE: IBWC/CBP Monthly Meeting
Date: Sunday, August 07, 2011 8:58:30 PM
Attachments: [IBWC Issues 08 03 11 meeting notes.pdf](#)

Meeting notes attached in *italic red*. Lots of action items so please review... <<IBWC Issues 08 03 11_meeting notes.pdf>>

-----Original Appointment-----

From: (b) (6)
Sent: Sunday, July 31, 2011 5:47 PM

To: (b) (6)

[Redacted content]

Cc: (b) (6)
Subject: IBWC/CBP Monthly Meeting
When: Wednesday, August 03, 2011 11:00 AM-1:00 PM (GMT-05:00) Eastern Time (US & Canada).
Where: IBWC HQ (b) (6)

Briefing for the meeting is attached << File: IBWC Issues 08 03 11.pdf >>

CBP Office of Administration

Facilities Management and Engineering

Border Patrol Tactical Infrastructure Program
IBWC Coordination Activities
August 03, 2011



U.S. Customs and
Border Protection



Agenda



- Levee Crest/Road Maintenance MOA
- B.I.S. Surf Fence/Friendship Circle Fencing
- B.I.S. Bunker Hill Road
- Tijuana River North Levee Road Paving
- PF225 B-4 Playa & Alamo Areas
- Calexico West POE Improvements
- Nogales Tunnels Gates
- **Testing of Nogales Wash Gate**
- Mexican Levee/Road @ Silvercreek wash
- Douglas Fence Replacement
- Anapra Area-CBP/Corps Drainage Study
- **IBWC Monument #1 VF**
- PF225 K-1B Fence
- **Yselata-Fabens Crossovers**
- El Paso Vega Ramps
- El Paso Vega Mowing
- Ft Hancock/Zac Dominguez Field Office Vehicle Gates
- El Paso Vega Ramps
- El Paso Vega Mowing
- Ft Hancock/Zac Dominguez Field Office Vehicle Gates
- L-1 Wash#4 & Concrete Trenches Study
- Eagle Pass River Bank Reconstruction
- Laredo Boat Ramp-Phase 2
- Laredo Cane Removal Pilot
- PF225 O-1, O-2 & O-3
- Penitas Pump Station Levee Wall (PF225 O-4B)
- **Hidalgo Levee/wall M&R**
- Hidalgo POE PH 2
- O-19 Levee Slope Paving
- RGV Vehicle Gates-Phase 1
- Cameron County East Loop Project
- Additional Miscellaneous Items



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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) on June 1st for IBWC signature



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Border Protection

B.I.S. Surf Fence

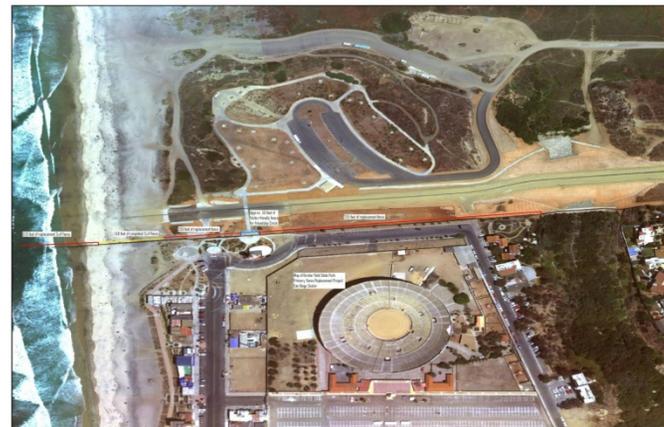
- “In-kind” replacement of (b) (7)(E)
- All environmental permits/approvals obtained
- (b) (5)



U.S. Customs and
Border Protection

B.I.S. Friendship Circle Fencing

- Replacement of border fencing in proximity to (b) (7)(E)
- Installation of new secondary fencing to facilitate public access to border monument-deleted from this phase of work
- IBWC issued concurrence letter on Draft Concept Report
- 100% design documents delivered to IBWC on March 16th
- Contract award imminent; NTP planned for (b) (5)



B.I.S. Bunker Hill Road

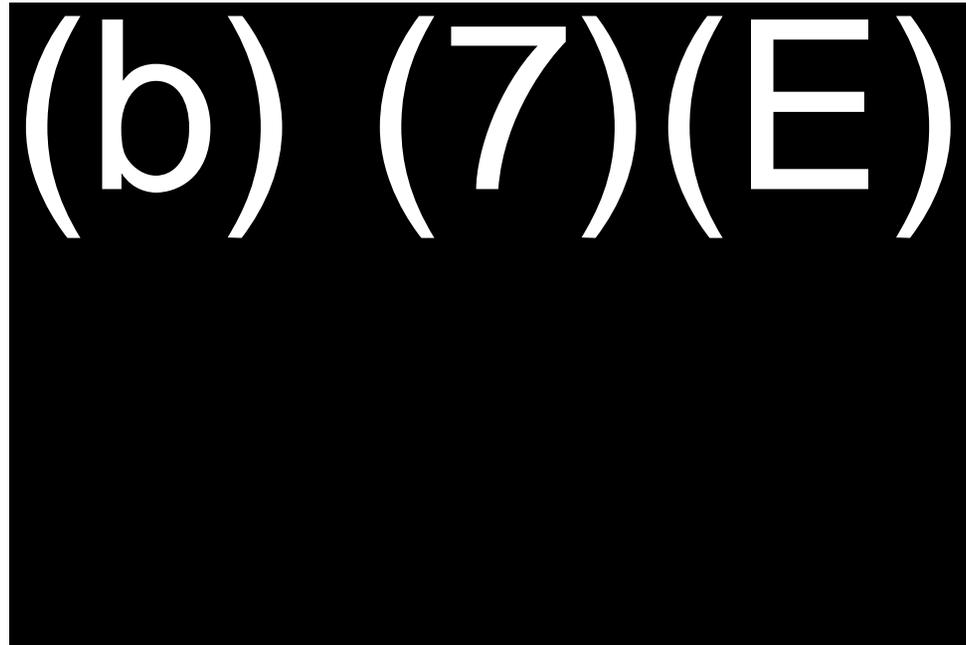
- Construction of a new road (b) (7)(E) and border lighting that will connect west and east side of Bunker Hill with the existing B.I.S.
- Project to be constructed by a military training deployment
- CBP received IBWC “concurrence” letter on June 27th
- Construction to begin on (b) (5)



Tijuana River North Levee Road Paving



- Project will provide a tar and chip roadway surface over the existing granular surface
[REDACTED] (b) (7)(E)
- Primary purpose of paving is dust control
- Construction contract awarded on July 21
- NTP will be issued this week; "local" IBWC to be invited to pre-construction meeting, if possible



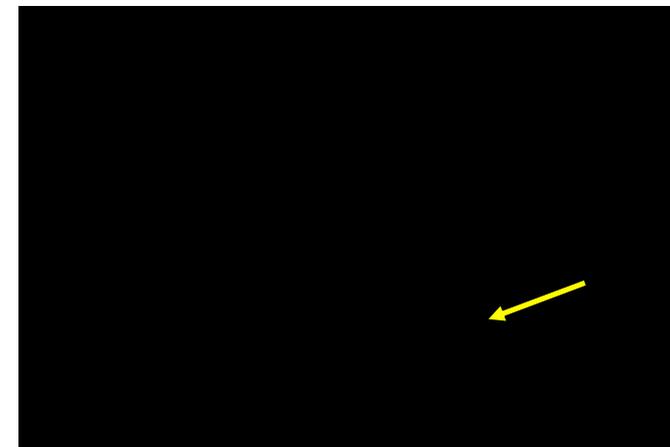
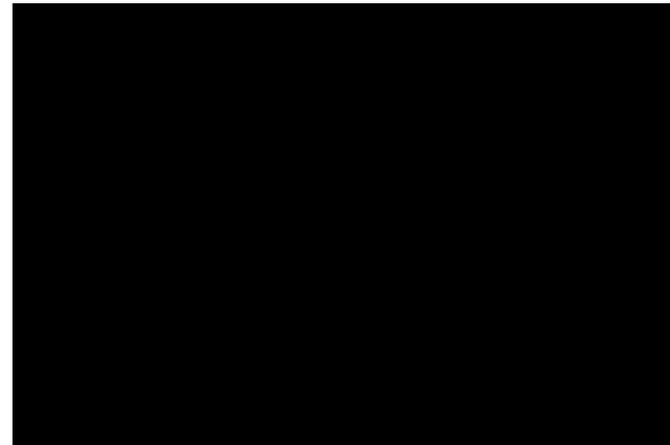
paving



U.S. Customs and Border Protection

PF225 B-4 Playa & Alamo Areas

- CBP requests IBWC assistance to determine the extended water ponding condition and fence foundation erosion at fence segme (b) (7)(E)
- CBP provided IBWC exhibits depicting the location of ponding condition and fence foundation erosion to include lat/long coordinates
- IBWC concurs that the ponding is due to Mexican irrigation canal and is sending letter to CILA regarding their/our concerns
- IBWC has sent Mexico a letter requesting corrective action be implemented relative to both issues



Calexico West POE Expansion

- Mexico is installing a new box culvert (b) (7)(E)
(b) (7)(E)
- Significant erosion has occurred along the banks of the (b) (7)(E) immediately north of the border that is adversely impacting an existing bridge abutment and primary and chain link fencing
- IBWC has advised that Mexico's construction will stop 20 ft short of the border until the GSA installs the box culvert in the U.S.
- IBWC to see is they can obtain and provide Mexico's construction documents
- (b) (5)



Nogales Tunnels Gates



- Removal of the existing 3-foot retaining wall in the Grand tunnel and the installation of primary gates at the Grand and Morley tunnels
 - Project also involves tunnel access improvements
- CBP provided IBWC with GPS coordinates of proposed new gates to verify they will be built in the U.S. CBP also modified concrete mix design per IBWC request
- CBP/USACE still working on the design of the new stairwell access to the Grand tunnel



U.S. Customs and
Border Protection

Testing of Nogales Wash Drainage Gate



- CBP (Tucson sector) will unlock the gate [REDACTED] (b) (7)(E) [REDACTED]
- CBP will provide IBWC with their operations guidelines for opening the gate
- CBP will not open the gate itself nor assume any responsibility for debris removal should it enter into the U.S as a result of the gate being opened by IBWC



U.S. Customs and
Border Protection

Mexican Road Constructed @ Silvercreek wash

- A levee/road constructed across a major drainage wash in proximity to the border (b) (7)(E) is causing flood waters to back-up into the U.S. and exacerbate erosion that is occurring in Silver Creek
- The road is downstream of (b) (7)(E) constructed by CBP
- IBWC sent a letter to Mexico regarding our concerns on 08/14/10
- IBWC sending a letter to the property owner putting them on notice that they will be held accountable for damages to gov't property
- Property owner recently observed raising the height of the levee/road

(b) (5)



U.S. Customs and
Border Protection

Douglas Fence Replacement

- Replacement (b) (7)(E) of existing legacy border fencing (landing mat) in proximity to (b) (7)(E)
- IBWC to survey existing fence segments believed to encroach into Mexico
- Contract award currently targeted for (b) (5) (b) (5)

(b) (7) (E)

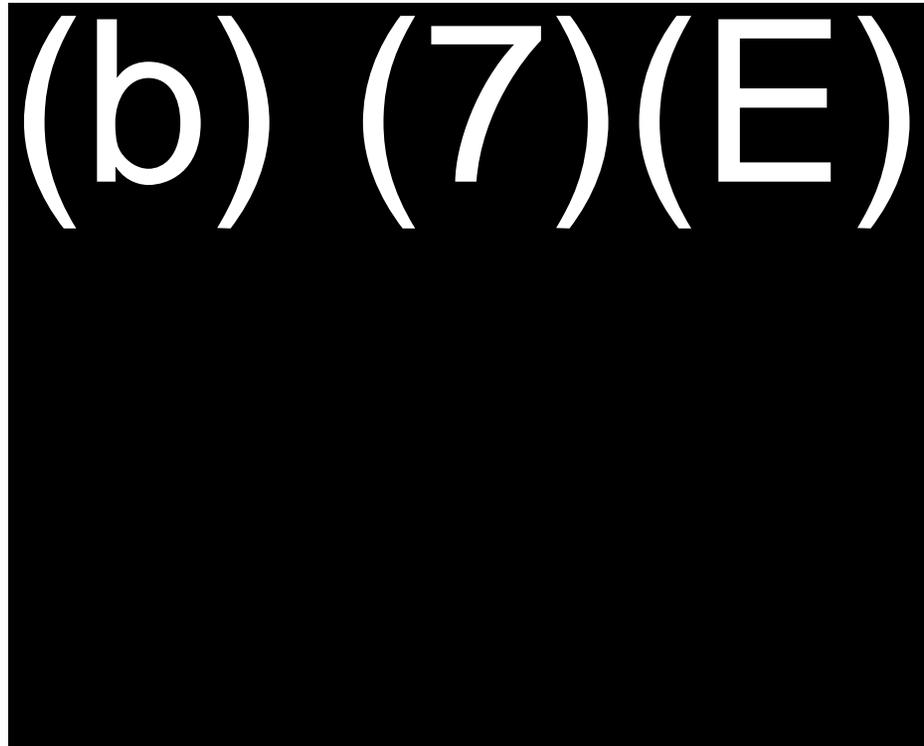


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Anapra Area-CBP/Corps Drainage Study



- CBP has hired the Corps to prepare a comprehensive drainage study of the Anapra border area to identify necessary improvements to ensure long-term viability of fencing and access roads
- Close coordination with IBWC (and Mexico) critical to ensure long-term solutions are identified and implemented
- CBP/Corps in the process of obtaining ROE-S&E
- Draft report due in (b) (5)
 - All ROE for Survey & Exploration now obtained



IBWC Monument #1 Vehicle Barrier

- A small building has been erected in MX adjacent to the border
- The existing border barrier (rock-line & cable) were buried

- (b) (5)

(b) (7) (E)



U.S. Customs and
Border Protection

PF225 K-1B Fence



- CBP received IBWC “concurrence” letter on the current proposed design on Sept 30th which is located on the land-side of the canal

- (b) (5)

- (b) (5)
(b) (5)

- Construction estimated to start between (b) (5) and completed by (b) (5)



U.S. Customs and Border Protection

Yselata-Fabens Canal Crossings



- [REDACTED] (b) (5)



U.S. Customs and Border Protection

El Paso Vega Ramps



- Construct (b) (7)(E) new vehicle ramps in Vega to align with canal crossovers & remove (b) (7)(E) existing ramps to negate floodplain impacts
- CATEX/REC and Section 106 compliance expected to be completed in April 2011
- An exhibit depicting the locations of the new ramps we propose to build and the ramps we proposed to remove was sent to IBWC on Oct 26th
- CBP re-sent exhibits depicting locations of ramps to be installed and removed
- IBWC to provide “concurrence letter” on the proposed ramp locations to be removed and replaced



U.S. Customs and
Border Protection

El Paso Vega Mowing



- Preparation of EA underway
- Draft IAA submitted to IBWC in mid-Feb
 - IBWC indicated at last month’s meeting that they have no comments on the draft IAA; CBP is routing through our Office of Procurement
 - [REDACTED] (b) (5)
- Public comments (including IBWC) received and being addressed relative to the draft EA
- [REDACTED] (b) (5)



Ft Hancock/Zac Dominguez Field Office Vehicle Gates



- CBP still looking to identify funding to have Corps develop design; [REDACTED] (b) (5)



U.S. Customs and
Border Protection

L-1 Wash#4 & Concrete Trenches

- Study to evaluate options for addressing drainage problems with (b) (7)(E) and safety concerns with concrete trenches underway
- Draft study report submitted to CBP on June 19th
- **Final report to be submitted to CBP on (b) (5) ; CBP to provide IBWC copy**



Eagle Pass River Bank Reconstruction

(b) (5)

- IBWC requests a letter be sent describing the specific proposed actions and they will coordinate with CILA



ARMORFLEX® INSTALLATION

1. Armorflex blocks are to be placed in a series of facing courses from top to bottom. A minimum of 100' of blocks should be placed in each course.
2. Blocks are supplied in 40' long sections. The 100' sections are joined with a 10' overlap.
3. Blocks are to be placed with a 10' overlap between courses. The blocks are to be placed with a 10' overlap between courses.
4. Backfill and vegetation can be achieved by covering the back of the blocks with a 10' layer of soil.
5. Blocks are to be placed with a 10' overlap between courses. The blocks are to be placed with a 10' overlap between courses.
6. Blocks are to be placed with a 10' overlap between courses. The blocks are to be placed with a 10' overlap between courses.
7. Blocks are to be placed with a 10' overlap between courses. The blocks are to be placed with a 10' overlap between courses.
8. Blocks are to be placed with a 10' overlap between courses. The blocks are to be placed with a 10' overlap between courses.

OTHER ARMORTEC® BROCHURES

- ARMORTEC® JACOBS CORNING
- JACOBS SIBAMANK & SCOUR
- ARMORTEC® MULTI-PLACEMENT
- ARMORTEC® HAND PLACED - ARMORTEC CS
- ARMORTEC®

APPLICATIONS

- CHANNEL LINING & BANK PROTECTION
- BRIDGE APPROACHES & CHANNEL PROTECTION
- ROAD RAMP & INTERSECTION PROTECTION
- FACE SLOPE PROTECTION
- ARROYO BANK PROTECTION
- TRUCK AND TRAILER PROTECTION
- DAM CRACK AND SPLINT
- WATER AND OVERFLOW CONTROL

GINTECH
EROSION CONTROL SOLUTIONS



U.S. Customs and Border Protection

Laredo Phase I Cane Removal Pilot Project



- CBP to take first pass at drafting summary report relative to water quality samples collected during the herbicide applications



U.S. Customs and
Border Protection

Laredo Boat Ramp-Phase 2

- CBP submitted Phase 2 plans (lighting and (b) (7)(E)) on April 4th requesting review and “concurrence”
- (b) (5)
- CBP submitted design documents to IBWC on June 28th for formal “concurrence”
- IBWC seeking CILA’s concurrence
- IBWC would like to better understand the discrepancy in their river data that led to the design issues with the ramp



PF225 O-1 thru O-3



- CBP and IBWC working together to determine key assumptions to be used for the FLO-2D modeling
- CBP submitted revised modeling approach to IBWC on April 21st and received IBWC feedback on April 22nd
- [REDACTED] (b) (5)
 - Updated “approach memo” submitted to IBWC on June 29th
- [REDACTED] (b) (5)



Penitas Pump Station Levee Wall (PF225 O-4B)



- Project involves the construction of new levee wall(s) and levee in proximity to the Pump Station
- CBP requested a copy of the easement documents IBWC recently executed with the Hidalgo County Water Improvements District. (b) (5)
[Redacted]
- IBWC negotiated change order for (b)(3) to install electrical conduit on behalf of CBP
- (b) (5)
- (b) (5)
- (b) (5)
- (b) (5)



Hidalgo Levee Wall M&R Coordination

- [REDACTED] (b) (5)
- An MOU exists that describes M&R roles and responsibilities



Hidalgo POE PH 2



- Project involves the construction of a new flood protection wall in proximity to the Hidalgo POE
- CBP and IBWC have executed an IAA for IBWC to incorporate bollards into the new flood wall
- (b) (5)
- (b) (5)
- (b) (5)
- Construction to have resumed (b) (5)

■



U.S. Customs and Border Protection

O-19 Levee Slope Paving



- CBP sent IBWC “waiver coverage” letter relative to the installation of the levee rip rap stabilization and the completion of the fence project



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RGV Vehicle Gates-Phase 1



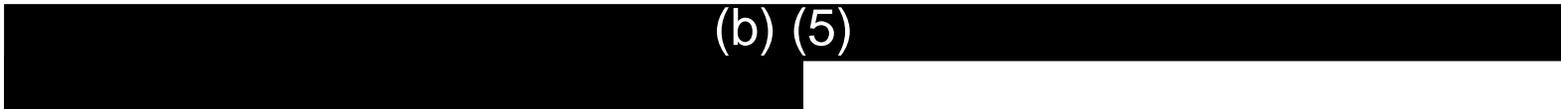
- CBP/Corps have hired Weston Solutions to design-build (b) (7)(E) vehicle gates in Cameron and Hidalgo Counties
- Weston's concept designs for the (b) (7)(E) gate configurations to be built as part of the project were provided to IBWC on Dec 4th and again on Dec 14th
- CBP submitted letter to IBWC confirming project is covered by April 2008 waiver
- "Concurrence" for the first (b) (7)(E) site specific designs (test gates) received on June 30th



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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 26th to learn more specifics regarding to project to include anticipated timing. IBWC and FWS participated in the meeting
-  (b) (5)



U.S. Customs and
Border Protection

Additional Items



- San Diego/Tijuana River Vegetation Maintenance MOA:

(b) (5)



U.S. Customs and
Border Protection

From:
To:

(b) (6)

Subject: RE: IBWC/CBP Monthly Progress Meeting/Conference call
Date: Wednesday, August 31, 2011 11:01:29 AM
Attachments: [IBWC Issues 08 29 11_meeting notes.pdf](#)

Meeting minutes attached. Lots of action items! Please let me know if you have any comments or questions.

Thanks <<IBWC Issues 08 29 11_meeting notes.pdf>>

-----Original Appointment-----

From: (b) (6)
Sent: Tuesday, August 23, 2011 6:16 PM
To: (b) (6)

Subject: IBWC/CBP Monthly Progress Meeting/Conference call
When: Monday, August 29, 2011 1:00 PM-2:00 PM (GMT-05:00) Eastern Time (US & Canada).
Where: (b) (6)

Agenda to follow

CBP Office of Administration

Facilities Management and Engineering

Border Patrol Tactical Infrastructure Program
IBWC Coordination Activities
August 29th, 2011

Meeting notes by (b) (6)



U.S. Customs and
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Agenda



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- B.I.S. Surf Fence/Friendship Circle Fencing
- B.I.S. Bunker Hill Road
- Tijuana River North Levee Road Paving
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- IBWC Monument #1 VF
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- Yselata-Fabens Crossovers
- El Paso Vega Ramps
- El Paso Vega Mowing
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- L-1 Wash#4 & Concrete Trenches Study
- Eagle Pass River Bank Reconstruction
- Laredo Boat Ramp-Phase 2
- Laredo Cane Removal Pilot
- PF225 O-1, O-2 & O-3
- Penitas Pump Station Levee Wall (PF225 O-4B)
- Hidalgo Levee/wall M&R
- Hidalgo POE PH 2
- RGV Vehicle Gates-Phase 1
- Cameron County East Loop Project
- Additional Miscellaneous Items



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) on June 1st for IBWC signature
- (b) (5)
 - (b) (6) *(IBWC) to check on status*



B.I.S. Surf Fence

- “In-kind” replacement of (b) (7)(E)
- All environmental permits/approvals obtained
- (b) (5)
- Copies of the environmental permits/approvals obtained for this project provided to IBWC on Aug 26th for their records



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Border Protection

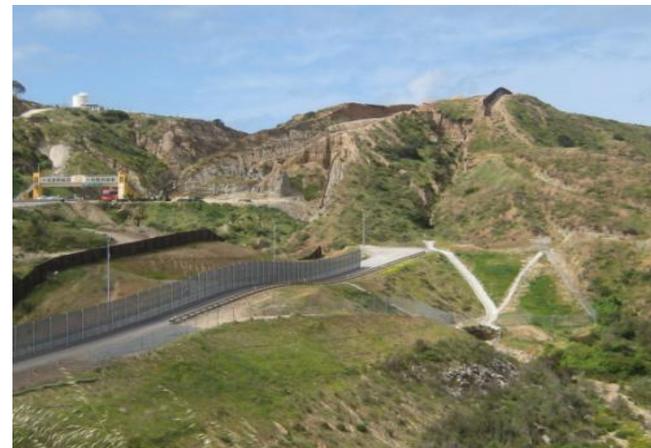
B.I.S. Friendship Circle Fencing

- Replacement of border fencing in proximity to (b) (7)(E)
- Installation of new secondary fencing to facilitate public access to border monument-deleted from this phase of work
- IBWC issued concurrence letter on Draft Concept Report
- 100% design documents delivered to IBWC on March 16th
- (b) (5)
- *Project has be broken into two phases. Phase 1 consists of the primary fence replacement, which is addressed above. Phase 2 consists of enhancements (b) (5)*



B.I.S. Bunker Hill Road

- Construction of a new road (b) (7)(E) and border lighting that will connect the west and east side of Bunker Hill with the existing B.I.S.
- Project to be constructed by a military training deployments
- CBP received IBWC “concurrence” letter on June 27th
- Construction to begin in (b) (5)



Tijuana River North Levee Road Paving

- Project will provide an asphalt roadway surface over the existing granular surface
[REDACTED] (b) (7)(E)
- Primary purpose of paving is dust control
- Construction contract awarded on July 21
- NTP issued; “local” IBWC rep attended pre-construction meeting
- [REDACTED] (b) (5)
- [REDACTED] (b) (5)

(b) (7)(E)

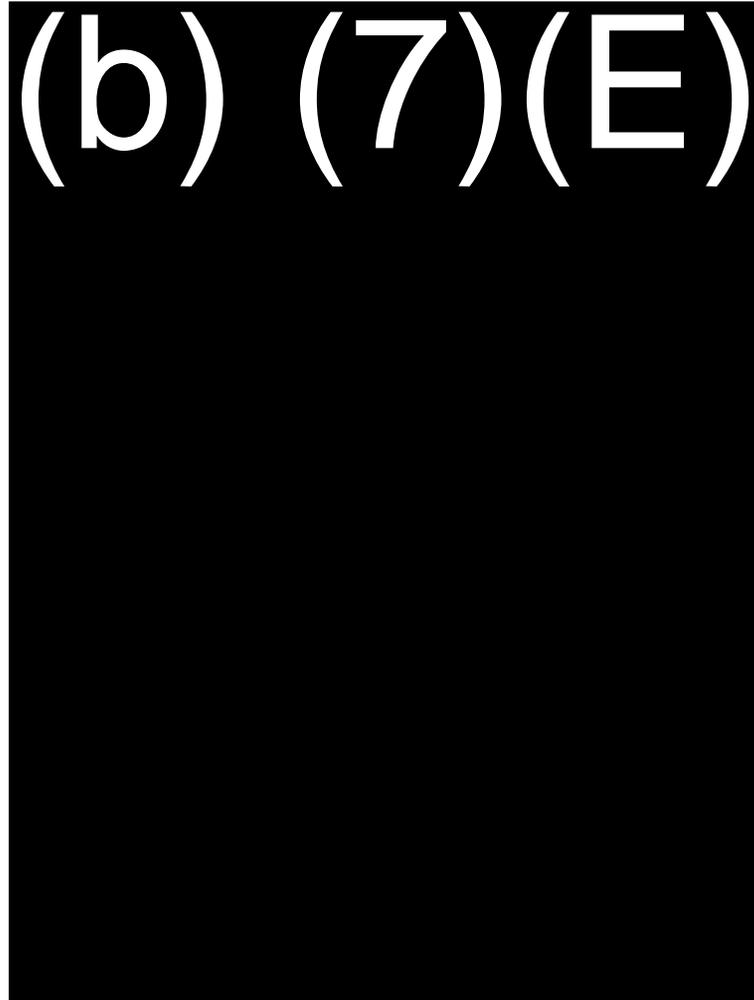
paving



PF225 B-4 Playa & Alamo Areas



- CBP requests IBWC assistance to determine the extended water ponding condition and fence foundation erosion at fence segment B-4
- CBP provided IBWC exhibits depicting the location of ponding condition and fence foundation erosion to include lat/long coordinates
- IBWC concurs that the ponding is due to Mexican irrigation canal and is sending letter to CILA regarding their/our concerns
- IBWC has sent Mexico a letter requesting corrective action be implemented relative to both issues
- IBWC still awaiting a formal response from Mexico (CILA)



U.S. Customs and
Border Protection

Calexico West POE Expansion

- Mexico is installing a new box culvert in the (b) (7)(E) (b) (5) (b) (7)(E) (b) (5)
- (b) (5)
- Significant erosion has occurred along the banks of the (b) (7)(E) immediately north of the border that is adversely impacting an existing bridge abutment and primary and chain link fencing
- IBWC has advised that Mexico's construction will stop 20 ft short of the border until the GSA installs the box culvert in the U.S.
- IBWC to see is they can obtain and provide Mexico's construction documents
- Site visit with CBP, IBWC and CILA occurred on Aug 3rd; (b) (5)



Nogales Tunnels Gates



- Removal of the existing 3-foot retaining wall in the Grand tunnel and the installation of primary gates at the Grand and Morley tunnels
 - Project also involves tunnel access improvements
- CBP provided IBWC with GPS coordinates of proposed new gates to verify they will be built in the U.S. CBP also modified concrete mix design per IBWC request
- CBP/USACE working on the design of the new stairwell access to the Grand tunnel
- Final construction drawings to be completed by (b) (5)
 - *IBWC has the approved drainage report and final design drawings for the work that is proposed to occur within both tunnels*
- IBWC provided CBP with their “concurrence letter” for the project; they understand we will be submitting final revised drawings once completed
- (b) (5)



Testing of Nogales Wash Drainage Gate

- CBP (Tucson sector) will unlock the gate (b) (7)(E)
- *IBWC is targeting (b) (5) – will coordinate directly with (b) (6)*
- CBP provided IBWC with their operations guidelines for opening the gate
- CBP will not open the gate itself nor assume any responsibility for debris removal should it enter into the U.S as a result of the gate being opened by IBWC
- *IBWC met with the City of Nogales last month to discuss the operation of the gate (b) (5)*



Mexican Road Constructed @ Silvercreek wash

- A levee/road constructed across a major drainage wash in proximity to the border (b) (7)(E) (b) (7)(E) is causing flood waters to back-up into the U.S. and exacerbate erosion that is occurring in Silver Creek
- The road is downstream of a (b) (7)(E) constructed by CBP
- IBWC sent a letter to Mexico regarding our concerns on 08/14/10
- IBWC sent a letter to the property owner putting them on notice that they will be held accountable for damages to gov't property
- Property owner recently observed raising the height of the levee/road
- (b) (5)
- IBWC & CILA Commissioners visiting the wash on (b) (5)



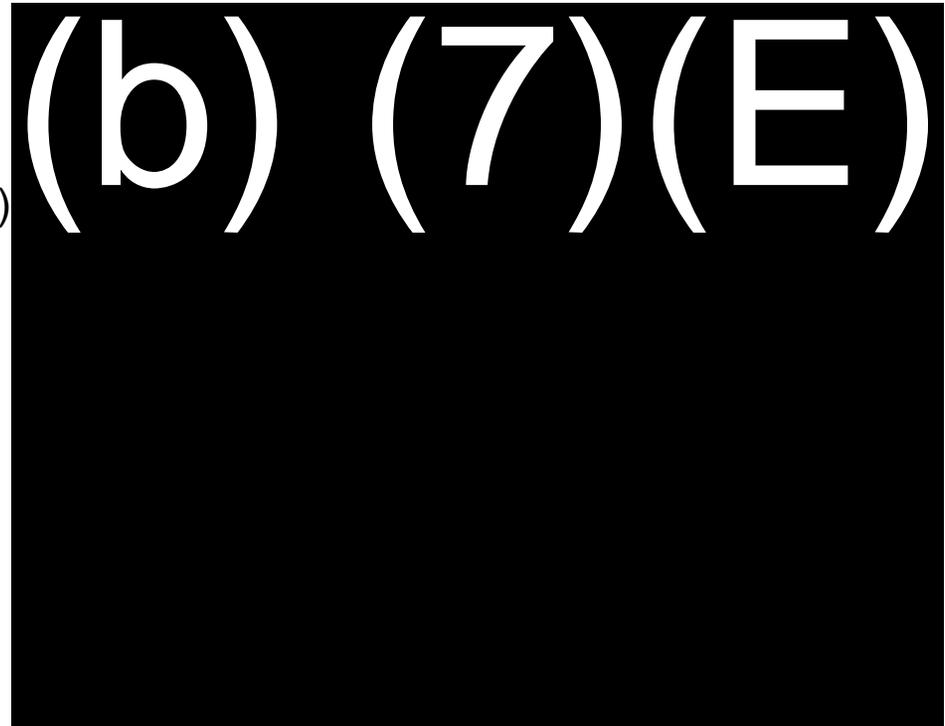
Douglas Fence Replacement

- Replacement (b) (7)(E) of existing legacy border fencing (landing mat) in proximity to the City of Douglas
- IBWC to survey existing fence segments believed to encroach into Mexico
- Contract should be awarded on (b) (5)
- IBWC has determined that there is one area of the existing fence that encroach into MX (b) (7)(E) (b) (7)(E)
- *IBWC advised that Mexico is aware of the existing fence encroachment and would like to know specifically when the removal work will be performed as soon as possible so they can complete their necessary coordination activities*
- *The work described above represents phases 1 and 2 of the project (b) (7)(E) (b) (7)(E) Design of phases 3 and 4 to begin soon (remainder (b) (7)(E)*



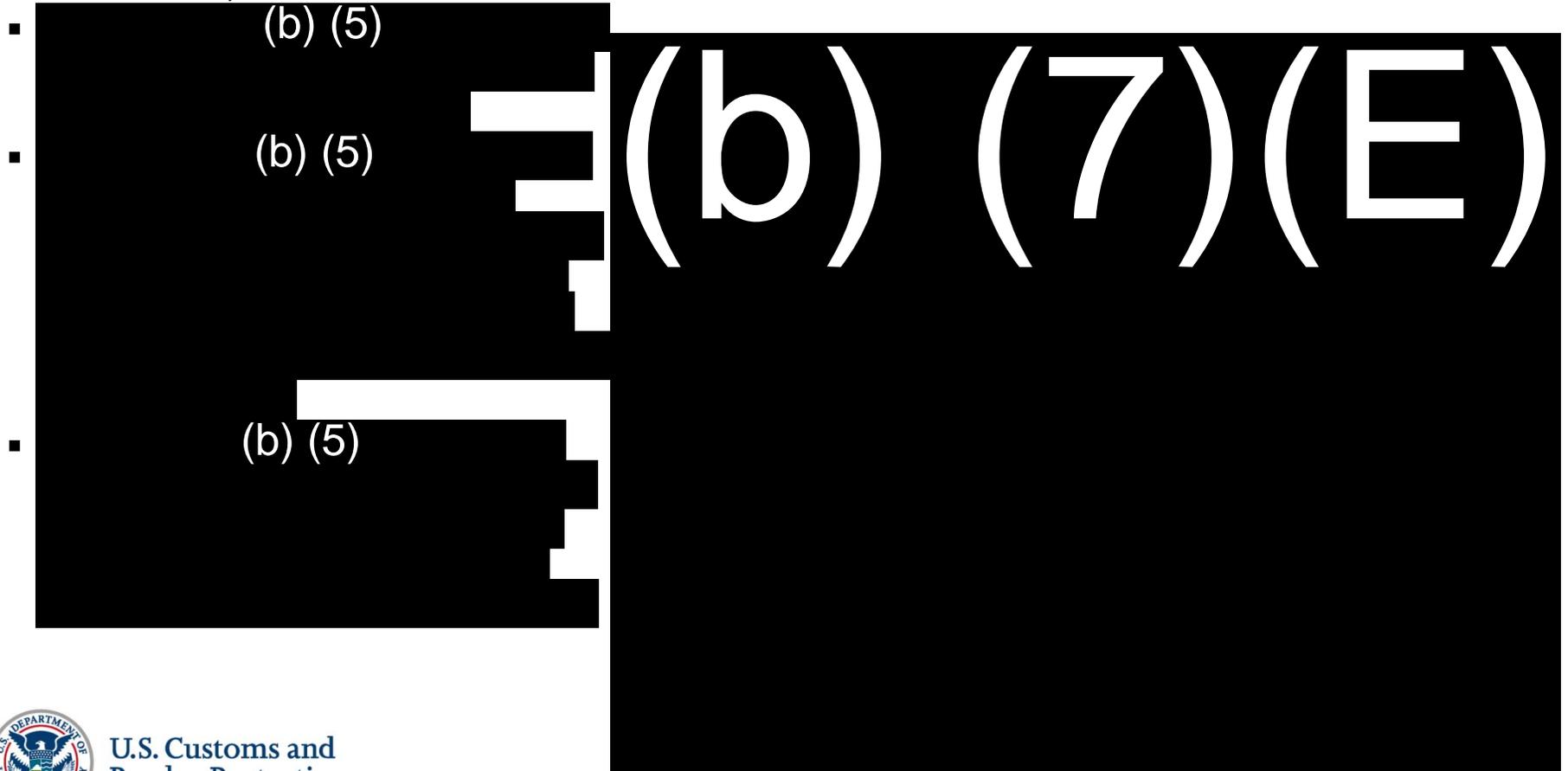
Anapra Area-CBP/Corps Drainage Study

- CBP has hired the Corps to prepare a comprehensive drainage study of the Anapra border area to identify necessary improvements to ensure long-term viability of fencing and access roads
- Close coordination with IBWC (and Mexico) critical to ensure long-term solutions are identified and implemented
- [REDACTED] (b) (5)
- Draft report due in [REDACTED] (b) (5) *(may now be (b) (5) r)*
 - All ROE for Survey & Exploration now obtained



IBWC Monument #1 Vehicle Barrier

- A small building has been erected in MX adjacent to the border
- The existing border barrier (rock-line & cable) were buried



PF225 K-1B Fence



- CBP received IBWC “concurrence” letter on the current proposed design on Sept 30, 2010, which is located on the land-side of the canal

- [REDACTED] (b) (5)

- CBP sr leadership has decided to proceed with the project as follows:
 - Maintain current proposed alignment on the “land side” of the irrigation canal
 - Construct (b) (7)(E) fence north of the arroyo & (b) (7)(E) south of the arroyo
 - [REDACTED] (b) (5)
 - Construction estimated to start between (b) (5) and completed by (b) (5) t
- IBWC agreed to research and provide any info they have on the 5 ft electric utility easement on the eastern edge of their property as well as any other easements that may exist on their land-*IBWC agreed to make this a high priority*

- [REDACTED] (b) (5)

- Revised construction drawings should be completed by the end of (b) (5)
- [REDACTED] (b) (5)



Yselata-Fabens Canal Crossings



- [Redacted] (b) (5)

- [Redacted] (b) (5) Status?

– *No update*



U.S. Customs and Border Protection

El Paso Vega Ramps



- Construct ^{(b) (7)(E)} new vehicle ramps in Vega to align with canal crossovers & remove ^{(b) (7)(E)} existing ramps to negate floodplain impacts
- ^{(b) (5)}
- An exhibit depicting the locations of the new ramps we propose to build and the ramps we proposed to remove was sent to IBWC on Oct 26th
- CBP re-sent exhibits depicting locations of ramps to be installed and removed
- IBWC provided “concurrence letter”



U.S. Customs and
Border Protection

El Paso Vega Mowing

- (b) (5)
- Draft IAA submitted to IBWC in mid-Feb
 - IBWC indicated at last month’s meeting that they have no comments on the draft IAA;
(b) (5)
 - (b) (5)
- Public comments (including IBWC) received (b) (5)
- (b) (5)
)



Ft Hancock/Zac Dominguez Field Office Vehicle Gates



- CBP has identified funding to modify the western ramp; working with the Corps to develop design



U.S. Customs and
Border Protection

L-1 Wash#4 & Concrete Trenches

- Study to evaluate options for addressing drainage problems with (b) (7)(E) and safety concerns with concrete trenches underway
- Draft study report submitted to CBP on June 19th
- (b) (5) CBP forwarded final report to IBWC on August 26th



Eagle Pass River Bank Reconstruction

• (b) (5)

- Significant river bank erosion and (b) (5) occurred as the result of last years flooding; IBWC visited the area on August 18th – thoughts?

• (b) (5)



ARMORFLEX® INSTALLATION

1. Armorflex blocks are laid in a pattern of factory assembled rows, staggered together in a way that provides when the base is placed on a prepared concrete or steel reinforcement.
2. When the system is 40 feet long, it is 100 square feet per 1000.
3. When the blocks are laid, consider the parts to be provided by the manufacturer.
4. Reinforced concrete can be achieved by covering the blocks with a concrete or steel reinforcement.
5. When subject to heavy traffic, armorflex can be used in a variety of applications, from a concrete or steel reinforcement to a "green" effect.
6. When the blocks are laid, a thickness of 27 cm of block is required to provide a base of concrete or steel.
7. When subject to heavy traffic, armorflex can be used in a variety of applications, from a concrete or steel reinforcement to a "green" effect.

OTHER ARMORTEC® BROCHURES

- ARMORTEC® A-JACKS COVERS
- A-JACKS SIDEWALK & STAIR
- ARMORTEC® MULTI PRODUCT
- ARMORTEC® HAND PLACED - ARMORTEC OS
- ARMORTEC®

APPLICATIONS

- CHANNEL LINING & WEIR BANK PROTECTION
- BRIDGE APPROACHES & CHANNEL PROTECTION
- ROAD RAMP & INTERSECTION PROTECTION
- RAILROAD PROTECTION
- ARMOR ARMAMENT PROTECTION
- TRUCK AND TRAILER PROTECTION
- DAM CREDS AND SPLINETS
- WEIR AND OVERFLOW CHANNELS

CONTECH
 EROSION CONTROL SOLUTIONS



U.S. Customs and Border Protection

Laredo Phase I Cane Removal Pilot Project



- CBP submitted draft summary report relative to water quality samples collected during the herbicide applications to IBWC on August 26th



U.S. Customs and
Border Protection

Laredo Boat Ramp-Phase 2

- CBP submitted Phase 2 plans (lighting and (b) (7)(E)) on April 4th requesting review and “concurrence”
- (b) (5)
- CBP submitted design documents to IBWC on June 28th for formal “concurrence”
- IBWC seeking CILA’s concurrence
- IBWC would like to better understand the discrepancy in their river data that led to the design issues with the ramp
- *Concurrence letter is being drafted;* (b) (5)



PF225 O-1 thru O-3



- CBP and IBWC working together to determine key assumptions to be used for the FLO-2D modeling
- CBP submitted revised modeling approach to IBWC on April 21st and received IBWC feedback on April 22nd
- [REDACTED] (b) (5)
- Updated “approach memo” submitted to IBWC on June 29th
- [REDACTED] (b) (5)



Penitas Pump Station Levee Wall (PF225 O-4B)



- Project involves the construction of new levee wall(s) and levee in proximity to the Pump Station
- CBP requested a copy of the easement documents IBWC recently executed with the Hidalgo County Water Improvements District. (b) (5)

[Redacted text block]

- IBWC negotiated change order for \$21,943.75 to install electrical conduit on behalf of CBP

- (b) (5)
-
-
-
-



Hidalgo Levee Wall M&R Coordination

- [REDACTED] (b) (5)
- An MOU exists that describes M&R roles and responsibilities
- CBP [REDACTED] (b) (6) to set up conference call with IBWC ([REDACTED] (b) (6) POC). MOU has been provided to [REDACTED] (b) (6)
 - [REDACTED] (b) (6) *(IBWC) will coordinate the meeting with [REDACTED] (b) (6) (CBP)*



Hidalgo POE PH 2



- Project involves the construction of a new flood protection wall in proximity to the Hidalgo POE
- CBP and IBWC have executed an IAA for IBWC to incorporate bollards into the new flood wall
- (b) (5)
- IAA to be revised to reflect new period of performance and funding of \$320K
- Revised IAA has been finalized
- Construction to have resumed (b) (7)(E) - What's status?
- *Construction has resumed. At a recent project meeting,* (b) (5)



RGV Vehicle Gates-Phase 1



- CBP/Corps have hired Weston Solutions to design-build (b) (7)(E) vehicle gates in Cameron and Hidalgo Counties
- Weston's concept designs for the (b) (7) gate configurations to be built as part of the project were provided to IBWC on Dec 4th and again on Dec 14th
- CBP submitted letter to IBWC confirming project is covered by April 2008 waiver
- "Concurrence" for the first (b) (7)(E) site specific designs (test gates) received on June 30th
- *IBWC requested the construction schedule for the test gates*



U.S. Customs and
Border Protection

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 26th to learn more specifics regarding to project to include anticipated timing. IBWC and FWS participated in the meeting
- CBP sent IBWC on May 16th (and again on June 6th and August 9th) [REDACTED] (b) (5)
[REDACTED] n
- *IBWC agreed to make this a high priority*



Additional Items



- San Diego/Tijuana River Vegetation Maintenance MOA: [REDACTED] (b) (5)
[REDACTED]
- IBWC wanted us to be aware that plans are reportedly underway to expand the Andrade POE
- Recent Lukeville flooding
– [REDACTED] (b) (5) [REDACTED] (b) (5)



From:
To:

(b) (6)

Subject: RE: IBWC/CBP Monthly Progress Meeting/Conference call
Date: Friday, August 26, 2011 6:33:54 PM
Attachments: [IBWC Issues 08 29 11.pdf](#)

The briefing for Monday's conference call is attached

<<IBWC Issues 08 29 11.pdf>>

-----Original Appointment-----

From: (b) (6)
Sent: Tuesday, August 23, 2011 6:16 PM
To: (b) (6)

Subject: IBWC/CBP Monthly Progress Meeting/Conference call
When: Monday, August 29, 2011 1:00 PM-2:00 PM (GMT-05:00) Eastern Time (US & Canada).
Where: (b) (6)

Agenda to follow

CBP Office of Administration

Facilities Management and Engineering

Border Patrol Tactical Infrastructure Program
IBWC Coordination Activities
August 29th, 2011



U.S. Customs and
Border Protection



Agenda



- Levee Crest/Road Maintenance MOA
- B.I.S. Surf Fence/Friendship Circle Fencing
- B.I.S. Bunker Hill Road
- Tijuana River North Levee Road Paving
- PF225 B-4 Playa & Alamo Areas
- Calexico West POE Improvements
- Nogales Tunnels Gates
- Testing of Nogales Wash Gate
- Mexican Levee/Road @ Silvercreek wash
- Douglas Fence Replacement
- Anapra Area-CBP/Corps Drainage Study
- IBWC Monument #1 VF
- PF225 K-1B Fence
- Yselata-Fabens Crossovers
- El Paso Vega Ramps
- El Paso Vega Mowing
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- Eagle Pass River Bank Reconstruction
- Laredo Boat Ramp-Phase 2
- Laredo Cane Removal Pilot
- PF225 O-1, O-2 & O-3
- Penitas Pump Station Levee Wall (PF225 O-4B)
- Hidalgo Levee/wall M&R
- Hidalgo POE PH 2
- RGV Vehicle Gates-Phase 1
- Cameron County East Loop Project
- Additional Miscellaneous Items



U.S. Customs and
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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) on June 1st for IBWC signature
- (b) (5)



U.S. Customs and
Border Protection

B.I.S. Surf Fence

- “In-kind” replacement of (b) (7)(E)
- All environmental permits/approvals obtained
- (b) (5)
- Copies of the environmental permits/approvals obtained for this project provided to IBWC on Aug 26th for their records



U.S. Customs and
Border Protection

B.I.S. Friendship Circle Fencing

- Replacement of border fencing in proximity to (b) (7)(E)
- Installation of new secondary fencing to facilitate public access to border monument-deleted from this phase of work
- IBWC issued concurrence letter on Draft Concept Report
- 100% design documents delivered to IBWC on March 16th
- Contract award imminent; NTP planned for (b) (7)(E)



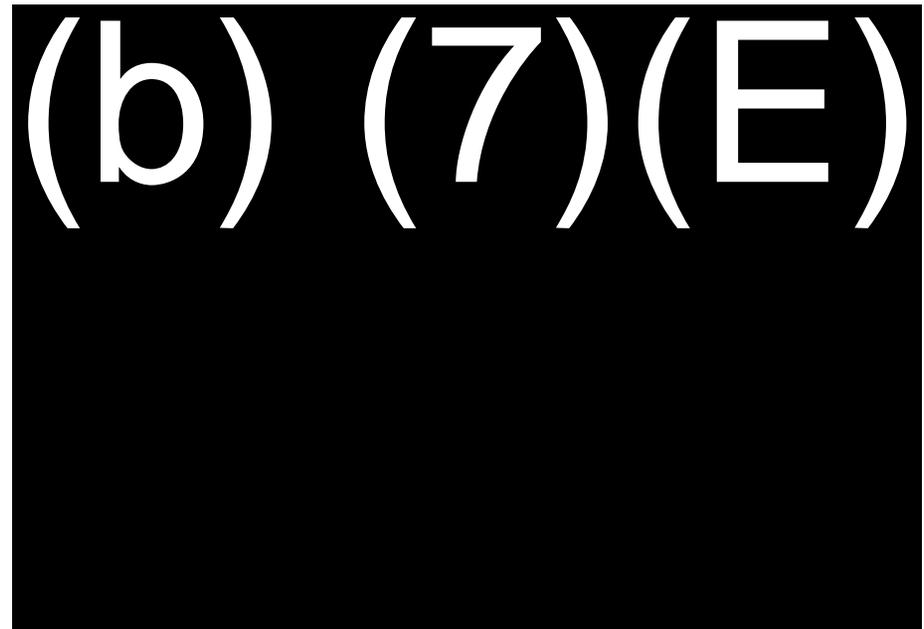
B.I.S. Bunker Hill Road

- Construction of a new road (b) (7)(E) and border lighting that will connect the west and east side of Bunker Hill with the existing B.I.S.
- Project to be constructed by a military training deployments
- CBP received IBWC “concurrence” letter on June 27th
- Construction to begin in (b) (5)



Tijuana River North Levee Road Paving

- Project will provide **an asphalt** roadway surface over the existing granular surface (b) (7)(E) road, just east of the (b) (7)(E)
- Primary purpose of paving is dust control
- Construction contract awarded on July 21
- NTP issued; “local” IBWC rep attended pre-construction meeting
- **Construction should start** (b) (7)(E) r



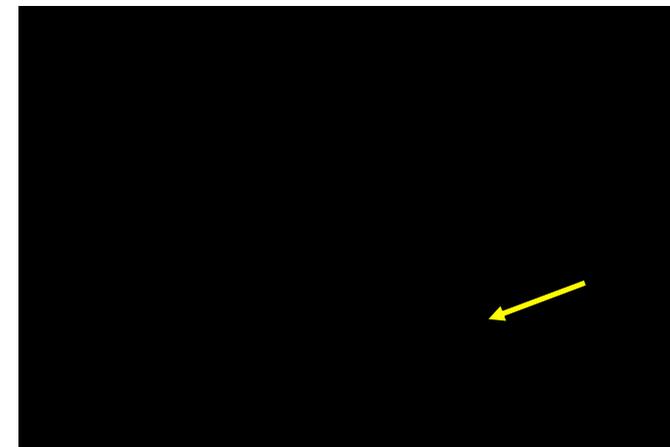
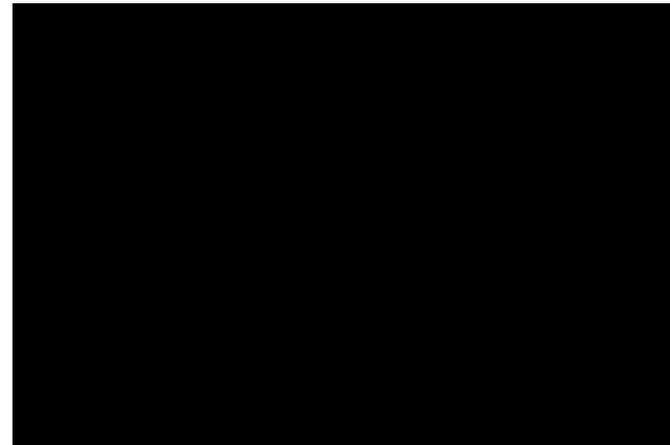
paving



U.S. Customs and
Border Protection

PF225 B-4 Playa & Alamo Areas

- CBP requests IBWC assistance to determine the extended water ponding condition and fence foundation erosion at fence segment (b) (7)(E)
- CBP provided IBWC exhibits depicting the location of ponding condition and fence foundation erosion to include lat/long coordinates
- IBWC concurs that the ponding is due to Mexican irrigation canal and is sending letter to CILA regarding their/our concerns
- IBWC has sent Mexico a letter requesting corrective action be implemented relative to both issues
- IBWC still awaiting a formal response from Mexico (CILA)



Calexico West POE Expansion

- Mexico is installing a new box culvert in the (b) (7)(E) (b) (5).
- Significant erosion has occurred along the banks of the (b) (7)(E) immediately north of the border that is adversely impacting an existing bridge abutment and primary and chain link fencing
- IBWC has advised that Mexico's construction will stop 20 ft short of the border until the GSA installs the box culvert in the U.S.
- IBWC to see is they can obtain and provide Mexico's construction documents
- Site visit with CBP, IBWC and CILA occurred on Aug 3rd; **Need to discuss path forward**



Nogales Tunnels Gates



- Removal of the existing 3-foot retaining wall in the Grand tunnel and the installation of primary gates at the Grand and Morley tunnels
 - Project also involves tunnel access improvements
- CBP provided IBWC with GPS coordinates of proposed new gates to verify they will be built in the U.S. CBP also modified concrete mix design per IBWC request
- [REDACTED] (b) (5)
- Final construction drawings to be completed by [REDACTED] (b) (5)
- IBWC provided CBP with their “concurrence letter” for the project; they understand we will be submitting final revised drawings once completed
- [REDACTED] (b) (5)



Testing of Nogales Wash Drainage Gate



- CBP (Tucson sector) will unlock the gate [REDACTED] (b) (7)(E) [REDACTED]
- CBP provided IBWC with their operations guidelines for opening the gate
- CBP will not open the gate itself nor assume any responsibility for debris removal should it enter into the U.S as a result of the gate being opened by IBWC



U.S. Customs and
Border Protection

Mexican Road Constructed @ Silvercreek wash

- A levee/road constructed across a major drainage wash in proximity to the border (b) (7)(E) (b) (7)(E) is causing flood waters to back-up into the U.S. and exacerbate erosion that is occurring in Silver Creek
- The road is downstream of a (b) (7)(E) constructed by CBP
- IBWC sent a letter to Mexico regarding our concerns on 08/14/10
- IBWC **sent** a letter to the property owner putting them on notice that they will be held accountable for damages to gov't property
- Property owner recently observed raising the height of the levee/road
- (b) (5)
- IBWC & CILA Commissioners visiting the wash on (b) (5)



Douglas Fence Replacement

- Replacement (b) (7)(E) of existing legacy border fencing (landing mat) in proximity to (b) (7)(E)
- IBWC to survey existing fence segments believed to encroach into Mexico
- **Contract should be awarded on (b) (5)**
- IBWC has determined that there is one area of the existing fence that encroach into MX (b) (7)(E)

(b) (7) (E)

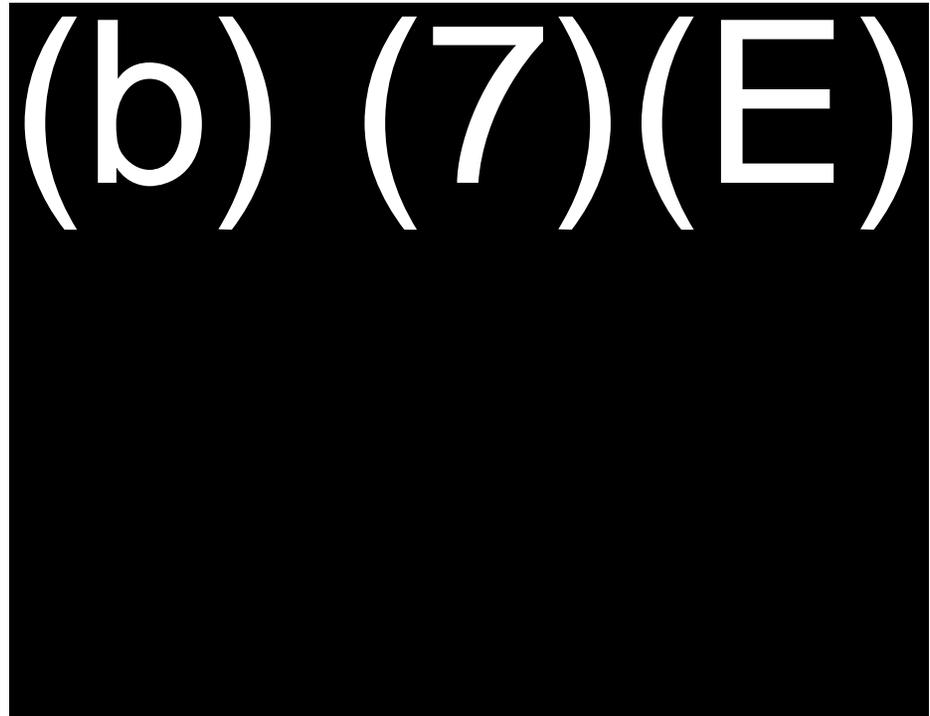


U.S. Customs and
Border Protection

Anapra Area-CBP/Corps Drainage Study

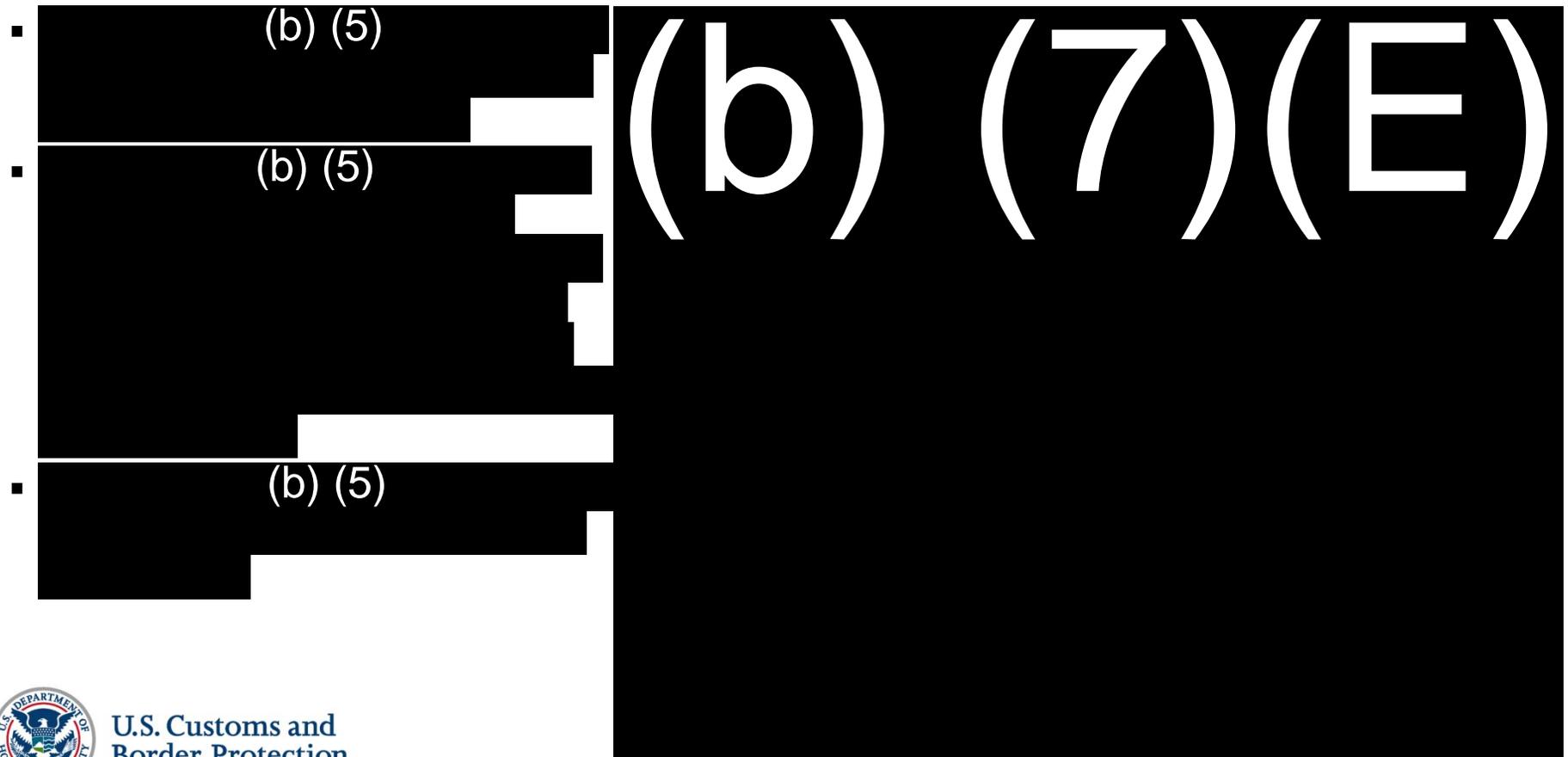


- CBP has hired the Corps to prepare a comprehensive drainage study of the Anapra border area to identify necessary improvements to ensure long-term viability of fencing and access roads
- Close coordination with IBWC (and Mexico) critical to ensure long-term solutions are identified and implemented
- CBP/Corps in the process of obtaining ROE-S&E
- Draft report due in **(b) (5)**
 - All ROE for Survey & Exploration now obtained



IBWC Monument #1 Vehicle Barrier

- A small building has been erected in MX adjacent to the border
- The existing border barrier (rock-line & cable) were buried



PF225 K-1B Fence



- CBP received IBWC “concurrence” letter on the current proposed design on Sept 30, 2010, which is located on the land-side of the canal

- (b) (5)

- CBP sr leadership has decided to proceed with the project as follows:

- (b) (5)
- (b) (5)
- Construction estimated to start between (b) (5) and completed by (b) (5)
- (b) (5) -Status?

- (b) (5)
- Revised construction drawings should be completed by the end of (b) (5)



Yselata-Fabens Canal Crossings



- [Redacted] (b) (5)
- [Redacted] (b) (5) - Status?



U.S. Customs and Border Protection

El Paso Vega Ramps



- Construct (b) (7)(E) new vehicle ramps in Vega to align with canal crossovers & remove (b) (7)(E) existing ramps to negate floodplain impacts
- (b) (5)
- An exhibit depicting the locations of the new ramps we propose to build and the ramps we proposed to remove was sent to IBWC on Oct 26th
- CBP re-sent exhibits depicting locations of ramps to be installed and removed
- IBWC provided “concurrence letter”



U.S. Customs and
Border Protection

El Paso Vega Mowing



- Preparation of EA underway
- Draft IAA submitted to IBWC in mid-Feb
 - IBWC indicated at last month’s meeting that they have no comments on the draft IAA; CBP is routing through our Office of Procurement
 - (b) (5)
- Public comments (including IBWC) received and being addressed relative to the draft EA
- (b) (5)



Ft Hancock/Zac Dominguez Field Office Vehicle Gates



- CBP has identified funding to modify the western ramp; [REDACTED] (b) (5)



U.S. Customs and
Border Protection

L-1 Wash#4 & Concrete Trenches

- Study to evaluate options for addressing drainage problems with (b) (7)(E) and safety concerns with concrete trenches underway
- Draft study report submitted to CBP on June 19th
- Final report to be submitted to CBP on (b) (5) CBP forwarded final report to IBWC on August 26th



U.S. Customs and
Border Protection

Eagle Pass River Bank Reconstruction

• (b) (5)

- Significant river bank erosion and (b) (5) occurred as the result of last years flooding; IBWC visited the area on August 18th – thoughts?



ARMORFLEX® INSTALLATION

1. Armorflex blocks are laid in a pattern of factory assembled rows. Alignment is provided by the built-in grooves which fit over adjacent rows. A constant longitudinal slope is maintained.
2. Rows are laid out on 40-foot centers to fit 100-foot wide flow path.
3. Rows are laid in tandem with concrete curb parts to provide for retaining walls or levees.
4. Reinforced structures can be achieved by covering the wall with a concrete curb part in "face" or "back" of "face".
5. Rows are subject to wave attack and are designed with a "cushion" effect to absorb the force of waves. The "cushion" effect is provided by the "cushion" effect.
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- ARMORFLEX® MULTI PRODUCT
- ARMORFLEX HAND PLACED - ARMORFLEX CS
- ARMORFLEX®

APPLICATIONS

- CHANNEL LINING & WEIR BANK PROTECTION
- BRANCH DITCH LINING & CHANNEL PROTECTION
- ROAD RAMP & INTERSECTION SCOUR PROTECTION
- FACE PROTECTION
- ARMOR ARMAMENT PROTECTION
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- WEIR AND OVERFLOW CHANNELS

CONTECH
EROSION CONTROL SOLUTIONS



U.S. Customs and Border Protection

Laredo Phase I Cane Removal Pilot Project



- CBP submitted draft summary report relative to water quality samples collected during the herbicide applications to IBWC on August 26th



U.S. Customs and
Border Protection

Laredo Boat Ramp-Phase 2

- CBP submitted Phase 2 plans (lighting and (b) (7)(E)) on April 4th requesting review and “concurrence”
- (b) (5)
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- IBWC seeking CILA’s concurrence
- IBWC would like to better understand the discrepancy in their river data that led to the design issues with the ramp



PF225 O-1 thru O-3



- CBP and IBWC working together to determine key assumptions to be used for the FLO-2D modeling
- CBP submitted revised modeling approach to IBWC on April 21st and received IBWC feedback on April 22nd

(b) (5)



U.S. Customs and
Border Protection

Penitas Pump Station Levee Wall (PF225 O-4B)



- Project involves the construction of new levee wall(s) and levee in proximity to the Pump Station
- CBP requested a copy of the easement documents IBWC recently executed with the Hidalgo County Water Improvements District. Survey document(s) still being developed.

(b) (5)

- IBWC negotiated change order for (b)(3) to install electrical conduit on behalf of CBP

- (b) (5)

- (b) (5)

- (b) (5)
-



Hidalgo Levee Wall M&R Coordination

- [REDACTED] (b) (5)
- An MOU exists that describes M&R roles and responsibilities
- CBP [REDACTED] (b) (6) to set up conference call with IBWC [REDACTED] (b) (6) POC). MOU has been provided to [REDACTED] (b) (6)



Hidalgo POE PH 2



- Project involves the construction of a new flood protection wall in proximity to the Hidalgo POE
- CBP and IBWC have executed an IAA for IBWC to incorporate bollards into the new flood wall
- **(b) (5)**
- IAA to be revised to reflect new period of performance and funding of \$320K
- Revised IAA has been finalized
- Construction to have resumed **(b) (5)** -What's status?



U.S. Customs and
Border Protection

RGV Vehicle Gates-Phase 1



- CBP/Corps have hired Weston Solutions to design-build (b) (7)(E) vehicle gates in Cameron and Hidalgo Counties
- Weston's concept designs for (b) (7)(E) gate configurations to be built as part of the project were provided to IBWC on Dec 4th and again on Dec 14th
- CBP submitted letter to IBWC confirming project is covered by April 2008 waiver
- "Concurrence" for the first (b) (7)(E) site specific designs (test gates) received on June 30th



U.S. Customs and
Border Protection

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 26th to learn more specifics regarding to project to include anticipated timing. IBWC and FWS participated in the meeting
- CBP sent IBWC on May 16th (and again on June 6th and August 9th) recommended changes to the proposed typical levee/fence cross-section



U.S. Customs and
Border Protection

Additional Items



- San Diego/Tijuana River Vegetation Maintenance MOA: [REDACTED] (b) (5)
[REDACTED]
- [REDACTED] (b) (5)
- Recent Lukeville flooding



From: (b) (6)
To: (b) (6)
Subject: Fw: IBWC/CBP Monthly Progress Meeting/Conference call
Date: Wednesday, August 31, 2011 12:35:27 PM
Attachments: [IBWC Issues 08 29 11_meeting notes.pdf](#)

What are our action items if anything??

From: (b) (6)
To: (b) (6)

[Redacted]

Sent: Wed Aug 31 11:00:48 2011
Subject: RE: IBWC/CBP Monthly Progress Meeting/Conference call

Meeting minutes attached. Lots of action items! Please let me know if you have any comments or questions.

Thanks <<IBWC Issues 08 29 11_meeting notes.pdf>>

-----Original Appointment-----

From: (b) (6)
Sent: Tuesday, August 23, 2011 6:16 PM
To: (b) (6)

[Redacted]

Subject: IBWC/CBP Monthly Progress Meeting/Conference call
When: Monday, August 29, 2011 1:00 PM-2:00 PM (GMT-05:00) Eastern Time (US & Canada).
Where: (b) (6)

Agenda to follow

CBP Office of Administration Facilities Management and Engineering

Border Patrol Tactical Infrastructure Program
IBWC Coordination Activities
August 29th, 2011

Meeting notes by (b) (6)



U.S. Customs and
Border Protection



Agenda



- Levee Crest/Road Maintenance MOA
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- Tijuana River North Levee Road Paving
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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) on June 1st for IBWC signature
- (b) (5)
 - (b) (6) *(IBWC) to check on status*



B.I.S. Surf Fence

- “In-kind” replacement of (b) (7)(E)
- All environmental permits/approvals obtained
- (b) (5)
- Copies of the environmental permits/approvals obtained for this project provided to IBWC on Aug 26th for their records



U.S. Customs and
Border Protection

B.I.S. Friendship Circle Fencing

- Replacement of border fencing in proximity to (b) (7)(E)
- Installation of new secondary fencing to facilitate public access to border monument-deleted from this phase of work
- IBWC issued concurrence letter on Draft Concept Report
- 100% design documents delivered to IBWC on March 16th
- Contract award imminent; NTP planned for (b) (7)(E)
- *Project has be broken into two phases. Phase 1 consists of the primary fence replacement, which is addressed above. Phase 2 consists o* (b) (5)



B.I.S. Bunker Hill Road

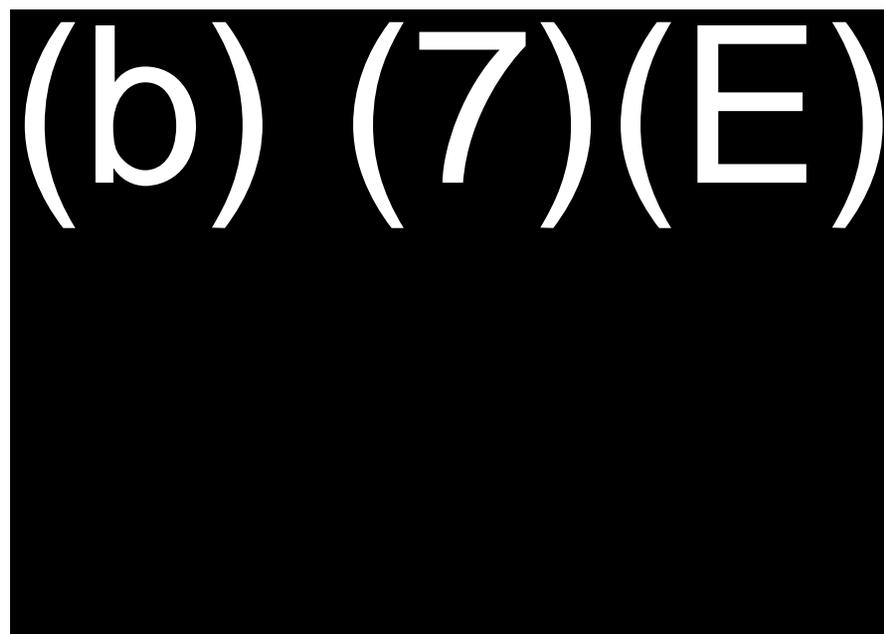
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Tijuana River North Levee Road Paving



- Project will provide an asphalt roadway surface over the existing granular surface
[REDACTED] (b) (7)(E)
- Primary purpose of paving is dust control
- Construction contract awarded on July 21
- NTP issued; “local” IBWC rep attended pre-construction meeting
- Construction should start around mid-September
- *CBP reiterated that the proposed finish grades on [REDACTED] will not change as a result of the installation of asphalt surface coarse versus tar & chip*



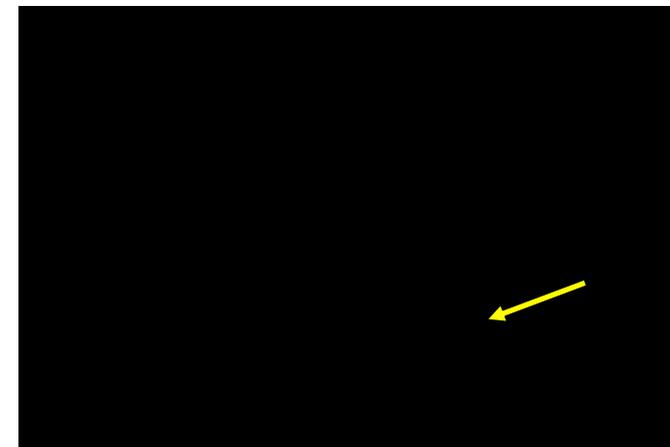
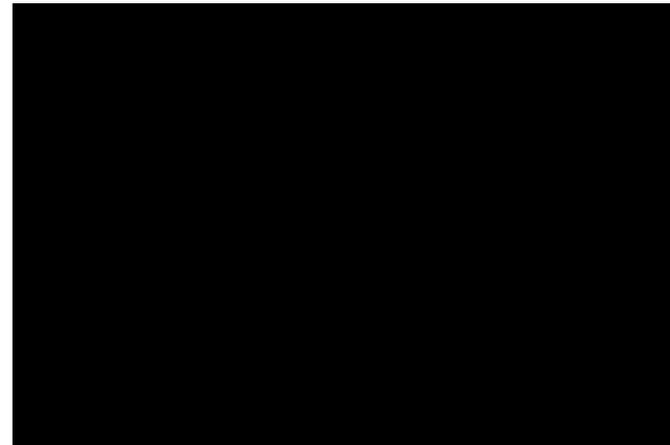
paving



U.S. Customs and
Border Protection

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- IBWC has sent Mexico a letter requesting corrective action be implemented relative to both issues
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Calexico West POE Expansion

- Mexico is installing a new box culvert in the (b) (7)(E) (b) (7)(E) (b) (5) (b) (7)(E) (b) (5)
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- Significant erosion has occurred along the banks of the (b) (7)(E) immediately north of the border that is adversely impacting an existing bridge abutment and primary and chain link fencing
- IBWC has advised that Mexico's construction will stop 20 ft short of the border until the GSA installs the box culvert in the U.S.
- IBWC to see is they can obtain and provide Mexico's construction documents
- Site visit with CBP, IBWC and CILA occurred on Aug 3rd; Need to discuss path forward



Nogales Tunnels Gates



- Removal of the existing 3-foot retaining wall in the Grand tunnel and the installation of primary gates at the Grand and Morley tunnels
 - Project also involves tunnel access improvements
- CBP provided IBWC with GPS coordinates of proposed new gates to verify they will be built in the U.S. CBP also modified concrete mix design per IBWC request
- CBP/USACE working on the design of the new stairwell access to the Grand tunnel
- Final construction drawings to be completed by (b) (5)
 - *IBWC has the approved drainage report and final design drawings for the work that is proposed to occur within both tunnels*
- IBWC provided CBP with their “concurrence letter” for the project; (b) (5)
[Redacted]
- [Redacted] (b) (5) [Redacted]
[Redacted]



Testing of Nogales Wash Drainage Gate

- CBP (Tucson sector) will unlock the gate [REDACTED] (b) (7)(E)
[REDACTED]
- *IBWC is targeting (b) (5) – will coordinate directly with (b) (6)*
- CBP provided IBWC with their operations guidelines for opening the gate
- CBP will not open the gate itself nor assume any responsibility for debris removal should it enter into the U.S as a result of the gate being opened by IBWC
 - *IBWC met with the City of Nogales last month to discuss the operation of the gate. The City may be willing to open the gate if necessary but is not currently willing to accept responsibility of debris clean-up.* [REDACTED] (b) (5)
[REDACTED]



Mexican Road Constructed @ Silvercreek wash

- A levee/road constructed across a major drainage wash in proximity to the border (b) (7)(E) (b) (7)(E) is causing flood waters to back-up into the U.S. and exacerbate erosion that is occurring in Silver Creek
- The road is downstream of a (b) (7)(E) constructed by CBP
- IBWC sent a letter to Mexico regarding our concerns on 08/14/10
- IBWC sent a letter to the property owner putting them on notice that they will be held accountable for damages to gov't property
- Property owner recently observed raising the height of the levee/road
- (b) (5)
- IBWC & CILA Commissioners visiting the wash on (b) (5)



Douglas Fence Replacement

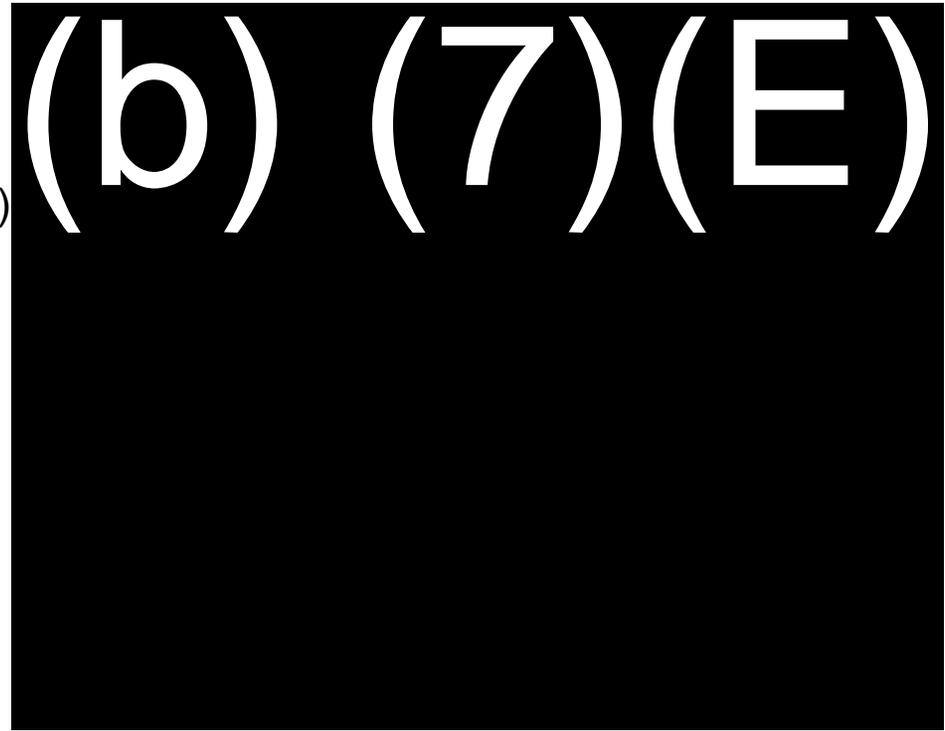
- Replacement (b) (7)(E) of existing legacy border fencing (landing mat) in proximity to the (b) (7)(E)
- IBWC to survey existing fence segments believed to encroach into Mexico
- Contract should be awarded on (b) (5)
- IBWC has determined that there is one area of the existing fence that encroach into MX (b) (7)(E) (b) (7)(E)
- *IBWC advised that Mexico is aware of the existing fence encroachment and would like to know specifically when the removal work will be performed as soon as possible so they can complete their necessary coordination activities*
- *The work described above represents phases 1 and 2 of the project (b) (7)(E) (b) (7)(E) Design of phases 3 and 4 to begin soon (remainder (b) (7)(E)*



Anapra Area-CBP/Corps Drainage Study



- CBP has hired the Corps to prepare a comprehensive drainage study of the Anapra border area to identify necessary improvements to ensure long-term viability of fencing and access roads
- Close coordination with IBWC (and Mexico) critical to ensure long-term solutions are identified and implemented
- CBP/Corps in the process of obtaining ROE-S&E
- Draft report due in (b) (5) *(may now be (b) (5) r)*
 - All ROE for Survey & Exploration now obtained



IBWC Monument #1 Vehicle Barrier

- A small building has been erected in MX adjacent to the border
- The existing border barrier (rock-line & cable) were buried

- [Redacted] (b) (5)
- [Redacted] (b) (5)
- [Redacted] (b) (7) (E)
- *Mexico is installing the [Redacted] (b) (7)(E) that may [Redacted] (b) (7)(E) [Redacted] IBWC was not aware of their specific plans but would inquire and get back to CBP*



U.S. Customs and Border Protection

PF225 K-1B Fence



- CBP received IBWC “concurrence” letter on the current proposed design on Sept 30, 2010, which is located on the land-side of the canal

- [REDACTED] (b) (5)

- CBP sr leadership has decided to proceed with the project as follows:
 - Maintain current proposed alignment on the “land side” of the irrigation canal
 - Construct (b) (7)(E) fence north of the arroyo & (b) (7)(E) south of the arroyo
 - [REDACTED] (b) (5)
 - Construction estimated to start between (b) (5) and completed by (b) (5) t
- IBWC agreed to research and provide any info they have on the 5 ft electric utility easement on the eastern edge of their property as well as any other easements that may exist on their land-*IBWC agreed to make this a high priority*

- [REDACTED] (b) (5)

- Revised construction drawings should be completed by the end of (b) (5)
- *IBWC advised that they plan to have an A/E under contract by the end of this FY to design the box culvert to replace the existing canal. Goal is to have the design complete by (b) (5) and to award a construction contract in time to allow the work to occur in (b) (5)*



Yselata-Fabens Canal Crossings



- [Redacted] (b) (5)

- [Redacted] (b) (5) Status?

– *No update*



U.S. Customs and Border Protection

El Paso Vega Ramps



- Construct ^{(b) (7)(E)} new vehicle ramps in Vega to align with canal crossovers & remove ^{(b) (7)(E)} existing ramps to negate floodplain impacts
- CATEX/REC and Section 106 compliance expected to be completed in April 2011
- An exhibit depicting the locations of the new ramps we propose to build and the ramps we proposed to remove was sent to IBWC on Oct 26th
- CBP re-sent exhibits depicting locations of ramps to be installed and removed
- IBWC provided “concurrence letter”



U.S. Customs and
Border Protection

El Paso Vega Mowing



- Preparation of EA underway
- Draft IAA submitted to IBWC in mid-Feb
 - IBWC indicated at last month’s meeting that they have no comments on the draft IAA; CBP is routing through our Office of Procurement
 - (b) (5)
- (b) (5)
- (b) (5)



Ft Hancock/Zac Dominguez Field Office Vehicle Gates



- CBP has identified funding to modify the western ramp; working with the Corps to develop design



U.S. Customs and
Border Protection

L-1 Wash#4 & Concrete Trenches

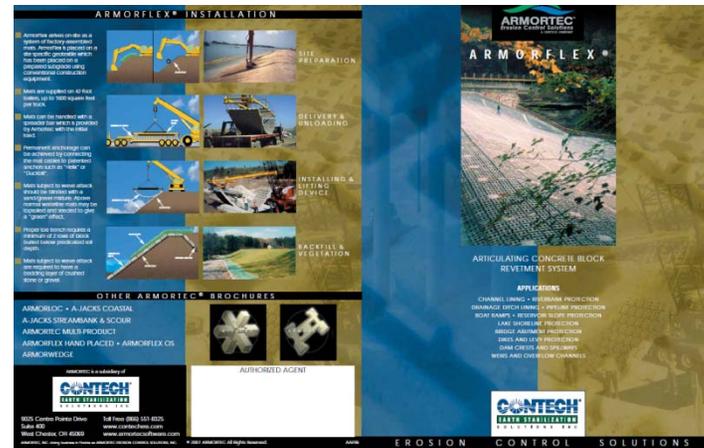
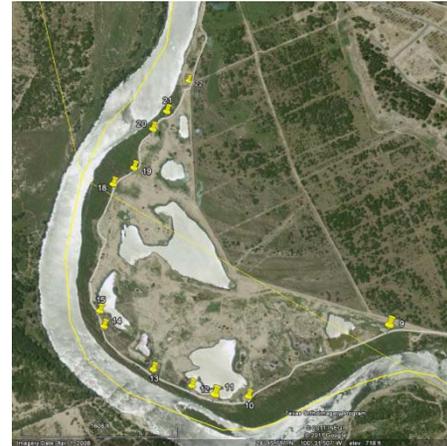
- Study to evaluate options for addressing drainage problems with (b) (7)(E) and safety concerns with concrete trenches underway
- Draft study report submitted to CBP on June 19th
- Final report to be submitted to CBP on August 23rd; CBP forwarded final report to IBWC on August 26th



Eagle Pass River Bank Reconstruction

• (b) (5)

- Significant river bank erosion and (b) (5) occurred as the result of last years flooding; IBWC visited the area on August 18th – thoughts?
- *IBWC indicated that* (b) (5)



U.S. Customs and Border Protection

Laredo Phase I Cane Removal Pilot Project



- CBP submitted draft summary report relative to water quality samples collected during the herbicide applications to IBWC on August 26th



U.S. Customs and
Border Protection

Laredo Boat Ramp-Phase 2

- CBP submitted Phase 2 plans (lighting and (b) (7)(E)) on April 4th requesting review and “concurrence”
- (b) (5)
- CBP submitted design documents to IBWC on June 28th for formal “concurrence”
- IBWC seeking CILA’s concurrence
- IBWC would like to better understand the discrepancy in their river data that led to the design issues with the ramp
- *Concurrence letter is being drafted; CILA has some design modification recommendations, which IBWC forwarded.*

(b) (5)



U.S. Customs and
Border Protection

PF225 O-1 thru O-3



- CBP and IBWC working together to determine key assumptions to be used for the FLO-2D modeling
- CBP submitted revised modeling approach to IBWC on April 21st and received IBWC feedback on April 22nd
- CBP would like to written concurrence on key assumptions as soon as possible
 - Updated “approach memo” submitted to IBWC on June 29th
- CBP evaluating IBWC comments and updating the FLO-2D model to include the Los Ebinos POE expansion; revised model to be submitted to IBWC on (b) (5)



Penitas Pump Station Levee Wall (PF225 O-4B)

- Project involves the construction of new levee wall(s) and levee in proximity to the Pump Station
- CBP requested a copy of the easement documents IBWC recently executed with the Hidalgo County Water Improvements District. Survey document(s) still being developed.

(b) (5)

- IBWC negotiated change order for (b)(3) to install electrical conduit on behalf of CBP

(b) (5)

- What is the status of IBWC's real estate acquisitions? (b) (5)

- What is the current estimated substantial completion date relative to the project? IBWC to check

– *IBWC advised that the current estimated substantial completion date in (b) (5) and Final Completion is estimated for (b) (5)*



Hidalgo Levee Wall M&R Coordination

- CBP would like to have a conference call with IBWC to discuss communications and coordination protocols relative to M&R activities associated with the levee wall
- An MOU exists that describes M&R roles and responsibilities
- CBP (b) (6) to set up conference call with IBWC (b) (6) POC. MOU has been provided to (b) (6)
 - (b) (6) (IBWC) will coordinate the meeting with (b) (6) (CBP)



Hidalgo POE PH 2



- Project involves the construction of a new flood protection wall in proximity to the Hidalgo POE
- CBP and IBWC have executed an IAA for IBWC to incorporate bollards into the new flood wall
- CBP to provide bollards
- IAA to be revised to reflect new period of performance and funding of \$320K
- Revised IAA has been finalized
- Construction to have resumed (b) (7)(E)-What's status?
- *Construction has resumed. At a recent project meeting,* (b) (5)



RGV Vehicle Gates-Phase 1



- CBP/Corps have hired Weston Solutions to design-build (b) (7)(E) vehicle gates in Cameron and Hidalgo Counties
- Weston's concept designs for the (b) (7) gate configurations to be built as part of the project were provided to IBWC on Dec 4th and again on Dec 14th
- CBP submitted letter to IBWC confirming project is covered by April 2008 waiver
- "Concurrence" for the first (b) (7)(E) site specific designs (test gates) received on June 30th
- *IBWC requested the construction schedule for the test gates*



U.S. Customs and
Border Protection

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 26th to learn more specifics regarding to project to include anticipated timing. IBWC and FWS participated in the meeting
- CBP sent IBWC on May 16th (and again on June 6th and August 9th) recommended changes to the proposed typical levee/fence cross-section
 - *IBWC agreed to make this a high priority*



U.S. Customs and
Border Protection

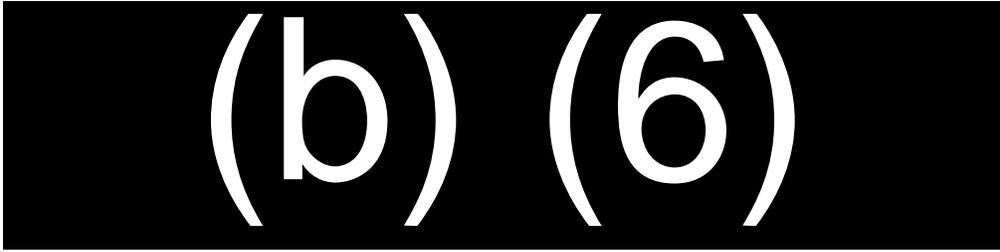
Additional Items



- San Diego/Tijuana River Vegetation Maintenance MOA: [REDACTED] (b) (5)
[REDACTED]
- [REDACTED] (b) (5)
- Recent Lukeville flooding
 - [REDACTED] (b) (5)



From:
To:



Subject: Updated: CBP/IBWC monthly progress meeting/conference call
Attachments: [IBWC Issues 10 03 11.pdf](#)

When: Monday, October 03, 2011 3:00 PM-5:00 PM (GMT-05:00) Eastern Time (US & Canada).
Where: (b) (6)

~~*~*~*~*~*~*~*~*

<<IBWC Issues 10 03 11.pdf>>

Briefing for today's conference call is attached....

CBP Office of Administration

Facilities Management and Engineering

Border Patrol Tactical Infrastructure Program
IBWC Coordination Activities
October 3rd, 2011



U.S. Customs and
Border Protection



Agenda



- Levee Crest/Road Maintenance MOA
- B.I.S. Surf Fence/Friendship Circle Fencing
- B.I.S. Bunker Hill Road
- Tijuana River North Levee Road Paving
- PF225 B-4 Playa & Alamo Areas
- Calexico West POE Improvements
- Nogales Tunnels Gates
- Testing of Nogales Wash Gate
- Mexican Levee/Road @ Silvercreek wash
- Douglas Fence Replacement
- Anapra Area-CBP/Corps Drainage Study
- IBWC Monument #1 VF
- PF225 K-1B Fence
- Yselata-Fabens Crossovers
- El Paso Vega Mowing
- Ft Hancock/Zac Dominguez Field Office Vehicle Gates
- El Paso Vega Ramps
- El Paso Vega Mowing
- Ft Hancock/Zac Dominguez Field Office Vehicle Gates
- Eagle Pass River Bank Reconstruction
- Laredo Boat Ramp-Phase 2
- Laredo Cane Removal Pilot
- PF225 O-1, O-2 & O-3
- Penitas Pump Station Levee Wall (PF225 O-4B)
- Hidalgo Levee/wall M&R
- Hidalgo POE PH 2
- RGV Vehicle Gates-Phase 1
- Cameron County East Loop Project
- Additional Miscellaneous Items



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) on June 1st for IBWC signature
- (b) (6)
 - (b) (6) (IBWC) to check on status
 - (b) (5)



B.I.S. Surf Fence

- “In-kind” replacement of (b) (7)(E)
- All environmental permits/approvals obtained
- Copies of the environmental permits/approvals obtained for this project provided to IBWC on Aug 26th for their records
- **Contract awarded & NTP issued**



U.S. Customs and
Border Protection

B.I.S. Friendship Circle Fencing

- Replacement of border fencing in proximity to (b) (7)(E)
- Installation of new secondary fencing to facilitate public access to border monument-deleted from this phase of work
- Project has be broken into two phases. Phase 1 consists of the primary fence replacement, which is addressed above. Phase 2 consists of (b) (5)
- **Contract awarded & NTP issued**



B.I.S. Bunker Hill Road

- Construction of a new road (b) (7)(E) and border lighting that will connect the west and east side of Bunker Hill with the existing B.I.S.
- Project to be constructed by a military training deployments
- CBP received IBWC “concurrence” letter on June 27th
- Construction to begin in (b) (5)



Tijuana River North Levee Road Paving

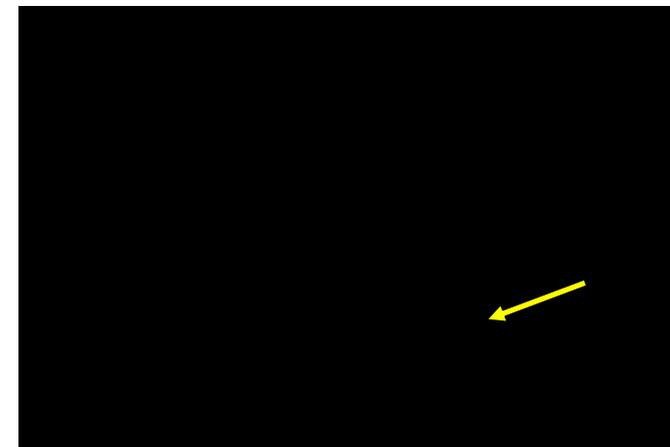
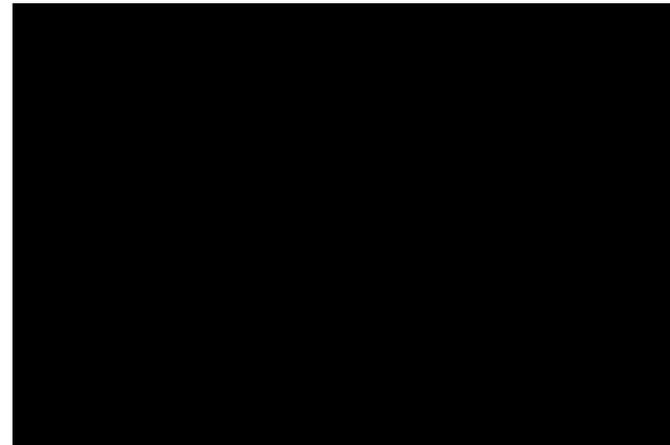
- Project will provide an asphalt roadway surface over the existing granular surface (b) (7)(E) road, (b) (7)(E) (b) (7)(E)
- Primary purpose of paving is dust control
- Construction contract awarded on July 21
- NTP issued; “local” IBWC rep attended pre-construction meeting
- **Construction now underway; work to be completed by (b) (7)(E)**

(b) (7) (E)



PF225 B-4 Playa & Alamo Areas

- CBP requests IBWC assistance to determine the extended water ponding condition and fence foundation erosion at fence segment (b) (7)(E)
- IBWC concurs that the ponding is due to Mexican irrigation canal and is sending letter to CILA regarding their/our concerns
- IBWC has sent Mexico a letter requesting corrective action be implemented relative to both issues
- IBWC still awaiting a formal response from Mexico (CILA)
- **Area has been dry for almost 3 months; CBP hopeful the ponding issue has been permanently corrected**



Calexico West POE Expansion

- Mexico is installing a new box culvert (b) (7)(E)
[REDACTED]
(b) (5)
- [REDACTED]
(b) (5)
- Significant erosion has occurred along the banks of the (b) (7)(E) immediately north of the border that is adversely impacting an existing bridge abutment and primary and chain link fencing
- IBWC has advised that Mexico's construction will stop 20 ft short of the border until the GSA installs the box culvert in the U.S.
- [REDACTED]
(b) (5)
- Site visit with CBP, IBWC and CILA occurred on Aug 3rd; **Need to discuss path forward**



Nogales Tunnels Gates



- Removal of the existing 3-foot retaining wall in the Grand tunnel and the installation of primary gates at the Grand and Morley tunnels
 - Project also involves tunnel access improvements
- CBP provided IBWC with GPS coordinates of proposed new gates to verify they will be built in the U.S. CBP also modified concrete mix design per IBWC request
 - Corps' engineers have alerted us that the condition of the tunnel's overall structural condition is poor
- CBP/USACE working on the design of the new stairwell access to the Grand tunnel
- Final construction drawings to be completed by (b) (5)
 - IBWC has the approved drainage report and final design drawings for the work that is proposed to occur within both tunnels
- IBWC provided CBP with their "concurrence letter" for the project; they understand we will be submitting final revised drawings once completed
- (b) (5)



Testing of Nogales Wash Drainage Gate

- CBP (Tucson sector) will unlock the gate on [REDACTED] (b) (7)(E)
[REDACTED]
- IBWC is targeting (b) (5) – will coordinate directly with (b) (6)
- CBP provided IBWC with their operations guidelines for opening the gate
- CBP will not open the gate itself nor assume any responsibility for debris removal should it enter into the U.S as a result of the gate being opened by IBWC
- IBWC met with the City of Nogales last month to discuss the operation of the gate. (b) (5)

[REDACTED]



Mexican Road Constructed @ Silvercreek wash

- A levee/road constructed across a major drainage wash in proximity to the border
(b) (7)(E) is causing flood waters to back-up into the U.S. and exacerbate erosion that is occurring in Silver Creek
- IBWC sent a letter to the property owner putting them on notice that they will be held accountable for damages to gov't property
- Property owner recently observed raising the height of the levee/road
- **(b) (5)**
- IBWC & CILA Commissioners visiting the wash on **(b) (5)**



Douglas Fence Replacement

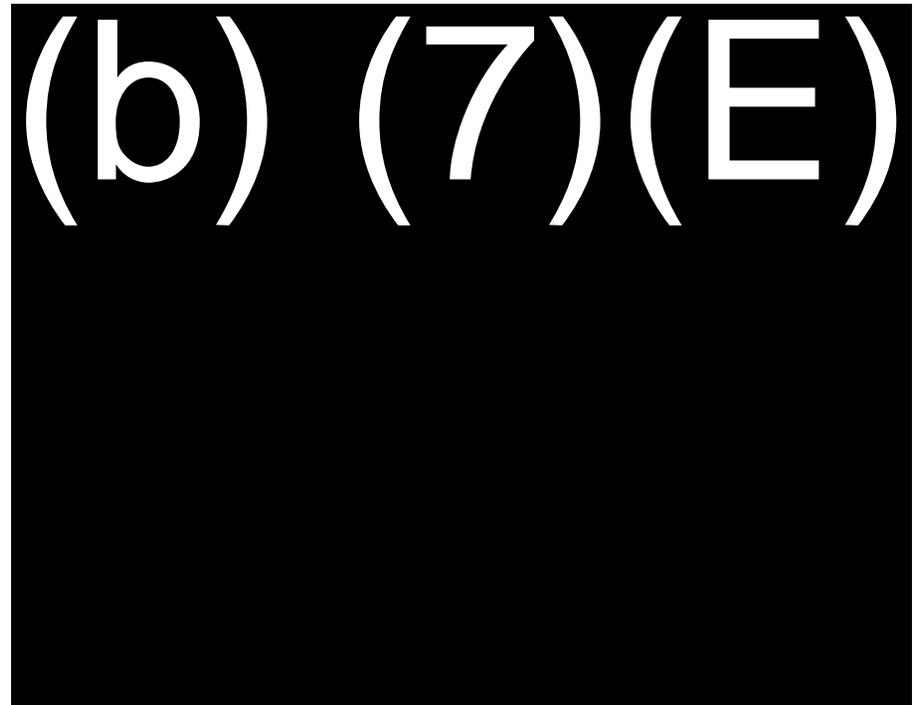
- Replacement (b) (7)(E) of existing legacy border fencing (landing mat) in proximity to (b) (7)(E)
- IBWC has determined that there is one area of the existing fence that encroach into MX (b) (7)(E)
- IBWC advised that Mexico is aware of the existing fence encroachment and would like to know specifically when the removal work will be performed as soon as possible so they can complete their necessary coordination activities
- The work described above represents phases 1 and 2 of the project (b) (7)(E) (b) (7)(E) Design of phases 3 and 4 to begin soon (remainder (b) (7)(E))
- **Construction starting on (b) (5)**
(b) (5)



Anapra Area-CBP/Corps Drainage Study



- CBP has hired the Corps to prepare a comprehensive drainage study of the Anapra border area to identify necessary improvements to ensure long-term viability of fencing and access roads
- Close coordination with IBWC (and Mexico) critical to ensure long-term solutions are identified and implemented
- CBP/Corps in the process of obtaining ROE-S&E
- Draft report due in (b) (5) (may now be (b) (5))
 - All ROE for Survey & Exploration now obtained

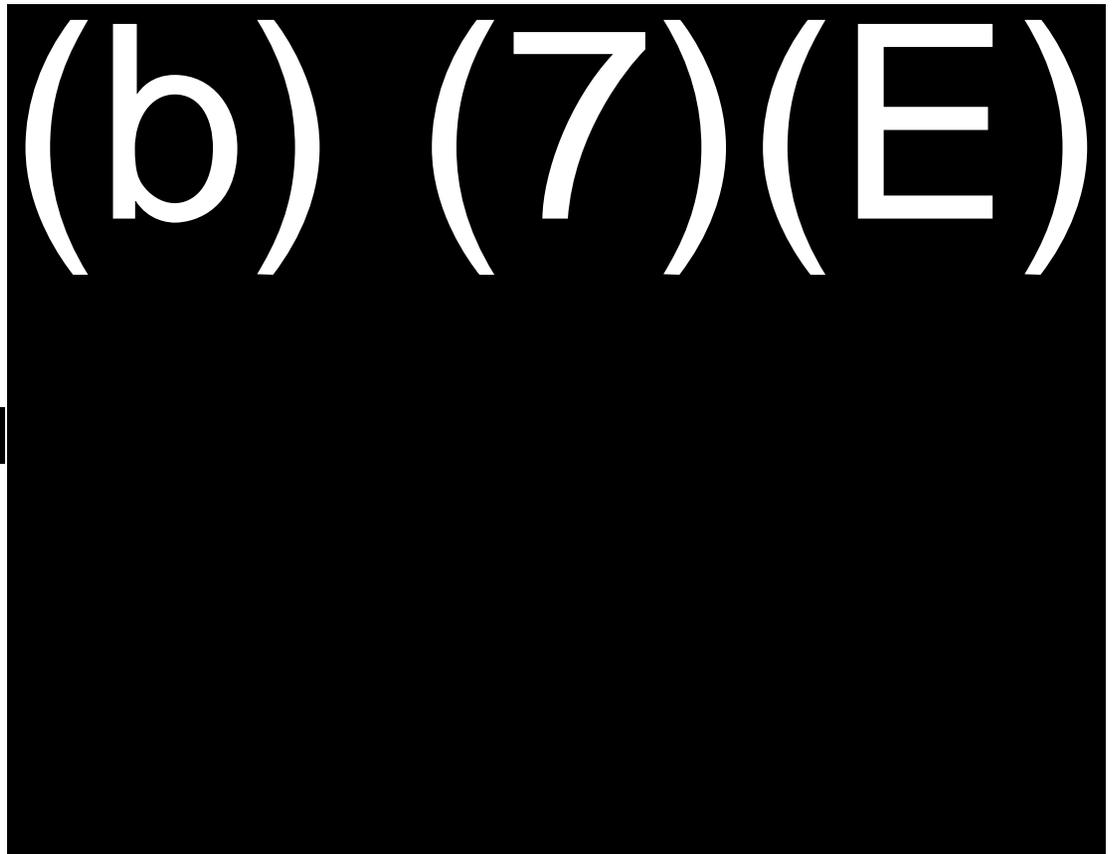


IBWC Monument #1 Vehicle Barrier

- A small building has been erected in MX adjacent to the border
- The existing border barrier (rock-line & cable) were buried

- (b) (5)
- (b) (5)

- Mexico installed (b) (7)(E) that (b) (7)(E) thank you



U.S. Customs and Border Protection

PF225 K-1B Fence

- CBP received IBWC “concurrency” letter on the current proposed design on Sept 30, 2010, which is located on the land-side of the canal

(b) (5)

- Construction estimated to start between (b) (5) and completed by (b) (5)
- IBWC agreed to research and provide any info they have on the 5 ft electric utility easement on the eastern edge of their property as well as any other easements that may exist on their land-IBWC agreed to make this a high priority
- **Revised construction drawings submitted to IBWC last week**
- IBWC advised that they plan to have an A/E under contract by the end (b) (5) to design the box culvert to replace the existing canal. Goal is to have the design complete by (b) (5) and to award a construction contract in time to allow the work to occur in (b) (5)



Yselata-Fabens Canal Crossings



- [Redacted] (b) (5)
- [Redacted] (b) (5) Status?



U.S. Customs and Border Protection

El Paso Vega Mowing



- Preparation of EA underway
- Draft IAA submitted to IBWC in mid-Feb
 - IBWC indicated at last month’s meeting that they have no comments on the draft IAA;

(b) (5)

- Conference call held on Sept 1st between IBWC, CBP and FWS to discuss FWS desire for a formal consultation

(b) (5)



Ft Hancock/Zac Dominguez Field Office Vehicle Gates



- CBP has identified funding to modify the western ramp; working with the Corps to develop design

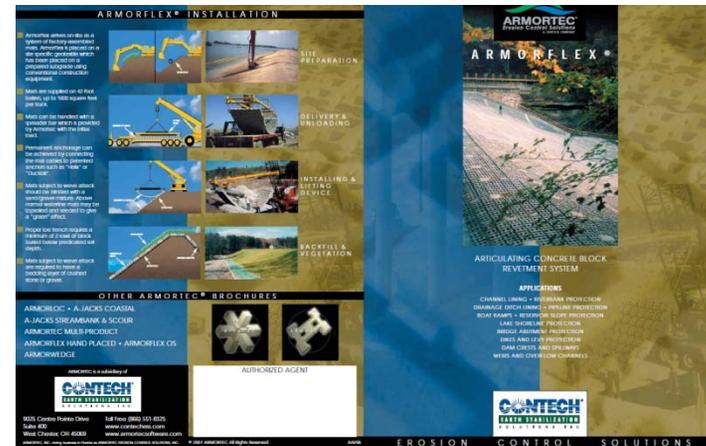


U.S. Customs and
Border Protection

Eagle Pass River Bank Reconstruction

• (b) (5)

- Significant river bank erosion and (b) (5) occurred as the result of last years flooding; IBWC visited the area on August 18th – thoughts?
- IBWC indicated that they (b) (5)



U.S. Customs and Border Protection

Laredo Phase I Cane Removal Pilot Project



- CBP submitted draft summary report relative to water quality samples collected during the herbicide applications to IBWC on August 26th



U.S. Customs and
Border Protection

Laredo Boat Ramp-Phase 2

- CBP submitted Phase 2 plans (lighting and (b) (7)(E)) on April 4th requesting review and “concurrence”
- (b) (5)
- CBP submitted design documents to IBWC on June 28th for formal “concurrence”
- IBWC seeking CILA’s concurrence
- IBWC would like to better understand the discrepancy in their river data that led to the design issues with the ramp
- **CBP provided written response to CILA’s design modification requests; RFP to be issued this week; construction expected to start in (b) (5)**



PF225 O-1 thru O-3



- IBWC coordinating project “concurrence” with Mexico



U.S. Customs and
Border Protection

Penitas Pump Station Levee Wall (PF225 O-4B)



- Project involves the construction of new levee wall(s) and levee in proximity to the Pump Station
- CBP requested a copy of the easement documents IBWC recently executed with the Hidalgo County Water Improvements District. (b) (5)
[Redacted]
- IBWC negotiated change order for (b)(3) to install electrical conduit on behalf of CBP
- What is the status of IBWC's real estate acquisitions? (b) (5)
 - (b) (5)
- What is the current estimated substantial completion date relative to the project? (b) (5)
[Redacted]
 - IBWC advised that the current estimated substantial completion date in (b) (5) Final Completion is estimated for (b) (5)
- (b) (5)
[Redacted]



Hidalgo Levee Wall M&R Coordination

- CBP would like to have a conference call with IBWC to discuss communications and coordination protocols relative to M&R activities associated with the levee wall
- An MOU exists that describes M&R roles and responsibilities
- CBP (b) (6) to set up conference call with IBWC (b) (6) POC).



Hidalgo POE PH 2



- Project involves the construction of a new flood protection wall in proximity to the Hidalgo POE
- CBP and IBWC have executed an IAA for IBWC to incorporate bollards into the new flood wall
- CBP to provide bollards
- IAA to be revised to reflect new period of performance and funding of \$320K
- Revised IAA has been finalized
- Construction has resumed. At a recent project meeting, (b) (5)
[REDACTED]



RGV Vehicle Gates-Phase 1



- CBP/Corps have hired Weston Solutions to design-build (b) (7)(E) vehicle gates in Cameron and Hidalgo Counties
- Weston's concept designs for the (b) (7)(E) gate configurations to be built as part of the project were provided to IBWC on Dec 4th and again on Dec 14th
- CBP submitted letter to IBWC confirming project is covered by April 2008 waiver
- "Concurrence" for the first (b) (7)(E) site specific designs (test gates) received on June 30th
- IBWC requested the construction schedule for the test gates
 - (b) (5) NTP for Fabrication
 - (b) (5) NTP for Installation
 - (b) (5) NTP for Power
 - (b) (5) 2 Testing of Group 1 Test Gates
 - (b) (5) RGV Gates φ-1 Construction Complete



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 26th to learn more specifics regarding to 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**



U.S. Customs and
Border Protection

Additional Items



- San Diego/Tijuana River Vegetation Maintenance MOA: CBP to set up a conference call w/ IBWC to discuss the details to be covered in this new MOA that will replace a legacy version that is no longer feasible given the presence of T&E habitat
- IBWC wanted us to be aware that plans are reportedly underway to expand the Andrade POE
- Recent Lukeville flooding

– [REDACTED] (b) (5) [REDACTED]



From: (b) (6)
To: (b) (6)
Cc: (b) (6)
Subject: Action Items from TI FITT Call 120211
Date: Friday, December 02, 2011 1:12:59 PM
Attachments: [TI Projects Review Call Notes 120211.xls](#)

All,
Please see attached notes. Below are the consolidated action items.
Please let me know if you have any questions.

Best,
(b) (6)

NON-RESPONSIVE

NON-RESPONSIVE

(b) (6)

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)

BB: (b) (6)

(b) (6)

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

Sector	Project Type	Project Name	CBP PM	USACE PM	Status FITT 12/02
RGV	PF225	O-1 through O-3	(b) (6)	(b) (6)	Project on hold

Comments 12/02	Comments 11/18
No update	No update

Comments 11/4	Comments 10/28	Comments 10/21
No update	No update	No update

Comments 10/14	Comments 10/7	Comments 9/30
No update	No update	No update

Comments 9/16	Comments 9/9	Comments 8/26
No update	No update	No update

Comments 8/12	Comments 7/29	Comments 7/22
No update	Action item: (b) (6) get closeout documents from (b) (6) for RGV - O-1 to O-10 projects.	Action item: (b) (6) get closeout documents from (b) (6) for RGV - O-1 to O-10 projects.

Comments 7/15	Comments 7/8	Comments 6/24
No update	No update	No update

Comments 6/17	Comments 6/10
(b) (5)	

Comments/Notes 6/3	Comments/Notes 5/20
-	-

Comments/Notes 5/13	Comments/Notes 5/6	Comments/Notes 4/29
-	-	-

Comments/Notes 4/15	Comments/Notes 4/8	Comments/Notes 3/25
-	-	On Hold - met with IBWC on two dimensional hydraulic model - in agreement on assumptions agreed on 75% and working out the other 25%

Comments/Notes 3/18	Comments/Notes 3/11	Comments/Notes - 2/25	
On Hold - met with IBWC on two dimensional hydraulic model - in agreement on assumptions agreed on 75% and working out the other 25%	On Hold - met with IBWC on two dimensional hydraulic model - in agreement on assumptions agreed on 75% and working out the other 25%	On Hold - met with IBWC on two dimensional hydraulic model - in agreement on assumptions agreed on 75% and working out the other 25%	