

CBP Office of Administration

Facilities Management and Engineering

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



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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



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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
- MOA is reportedly with (b) (6) for signature. No known issues
 - (b) (6) (IBWC) to check on status
 - **MOA needs to be executed before Corps will award a CBP Roads M&R contract**



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B.I.S. Surf Fence

- “In-kind” replacement of (b) (7)(E)
(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**



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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 enhancements to the Friendship Circle area in general (e.g. canopy). Phase 2 is at 35% design stage and has been submitted to IBWC
- **Contract awarded & NTP issued**



B.I.S. Bunker Hill Road

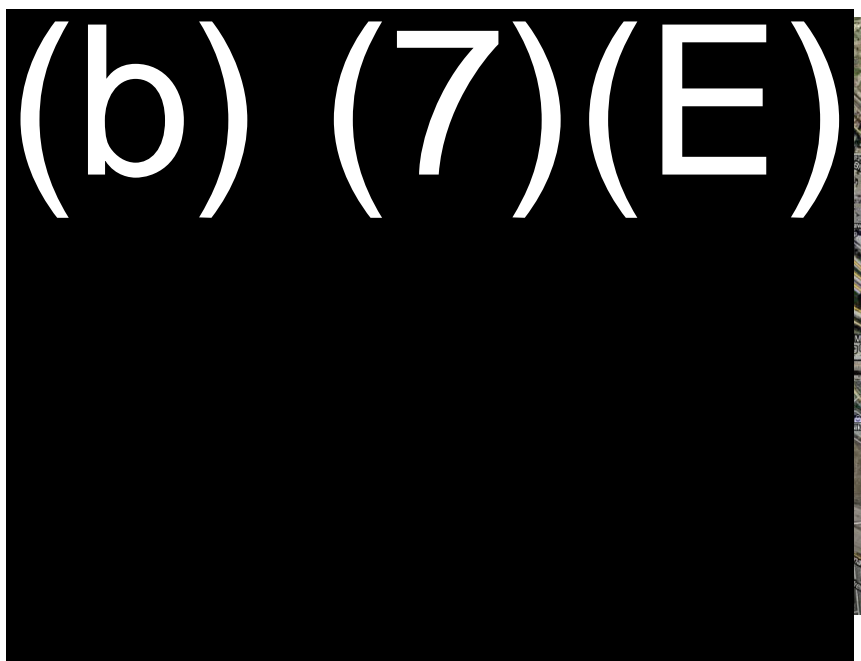
- Construction of a new road (b) (7)(E) and border lighting that will connect the west and east side of Bunker Hill with the existing B.I.S.
- Project to be constructed by a military training deployments
- CBP received IBWC “concurrence” letter on June 27th
- Construction to begin in April 2012



Tijuana River North Levee Road Paving



- Project will provide an asphalt roadway surface over the existing granular surface
(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 October 31st**



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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
- 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**



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Calexico West POE Expansion

- Mexico is installing a new box culvert (b) (7)(E) [REDACTED].
GSA believes the culvert is undersized.
- IBWC has not yet “concurred” with Mexico’s proposed culvert extension
- Significant erosion has occurred along the banks of the new River 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**



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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 October 6, 2011
 - 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
- RFP expected to be issued on October 20, 2011; contract to be awarded on or about December 30, 2011



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Testing of Nogales Wash Drainage Gate

- CBP (Tucson sector) will unlock the gate on a pre-agreed to date & time to allow IBWC to test/verify the operation of the gate
 - IBWC is targeting Sept 6th – will coordinate directly with (b) (6), (b) (7)(C)
- CBP provided IBWC with their operations guidelines (b) (7)(E)
- CBP (b) (7)(E) 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 (b) (7)(E) if necessary but is not currently willing to accept responsibility of debris clean-up. IBWC is going to set up another meeting the City to discuss further and will invite CBP. CBP would like a MOA signed by all 3 parties stating the roles and responsibilities associated with operating the gate/



Mexican Road Constructed @ Silvercreek wash

- A levee/road constructed across a major drainage wash in proximity to the border (east of the City of Douglas) 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)

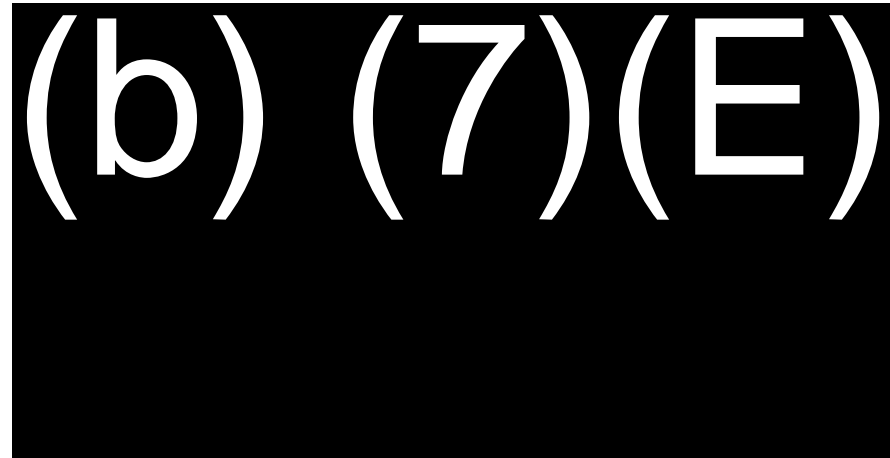
- IBWC & CILA Commissioners visiting the wash on Sept 6th



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Douglas Fence Replacement

- Replacement (b) (7)(E) of existing legacy border (b) (7)(E) (ing mat) in proximity to the City of Douglas
- IBWC has determined that there is one area of the existing fence that encroach into MX (b/t monuments) (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) on either side of the POE). Design of phases 3 and 4 to begin soon (remainder (b) (7)(E)
- **Construction starting on Monday, October 3rd**

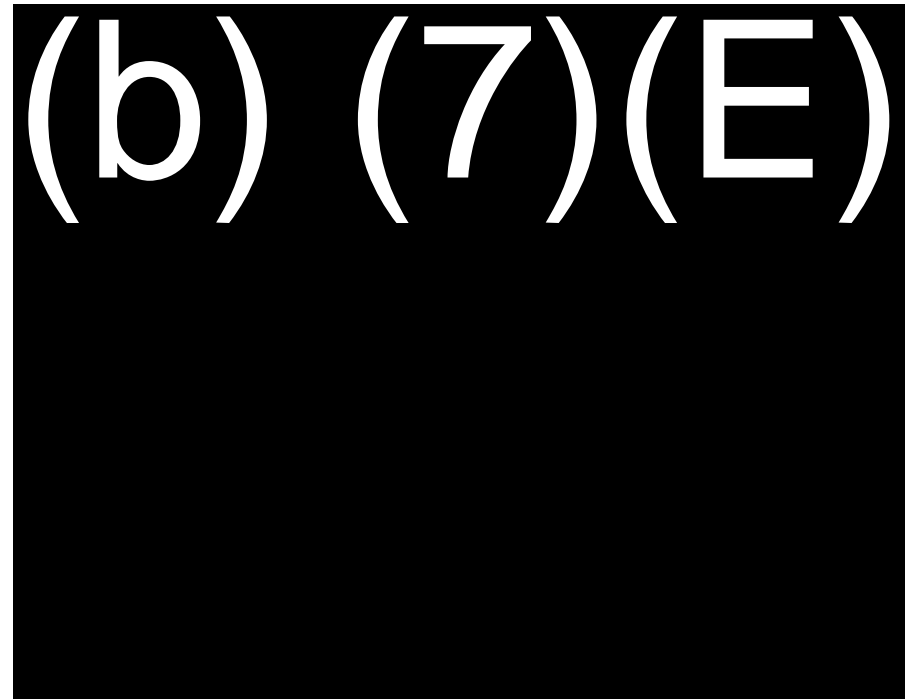


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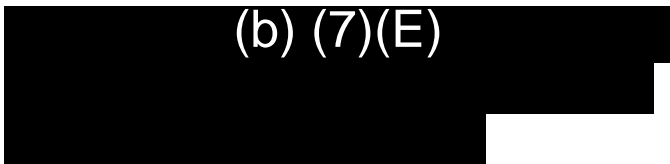
Anapra Area-CBP/Corps Drainage Study

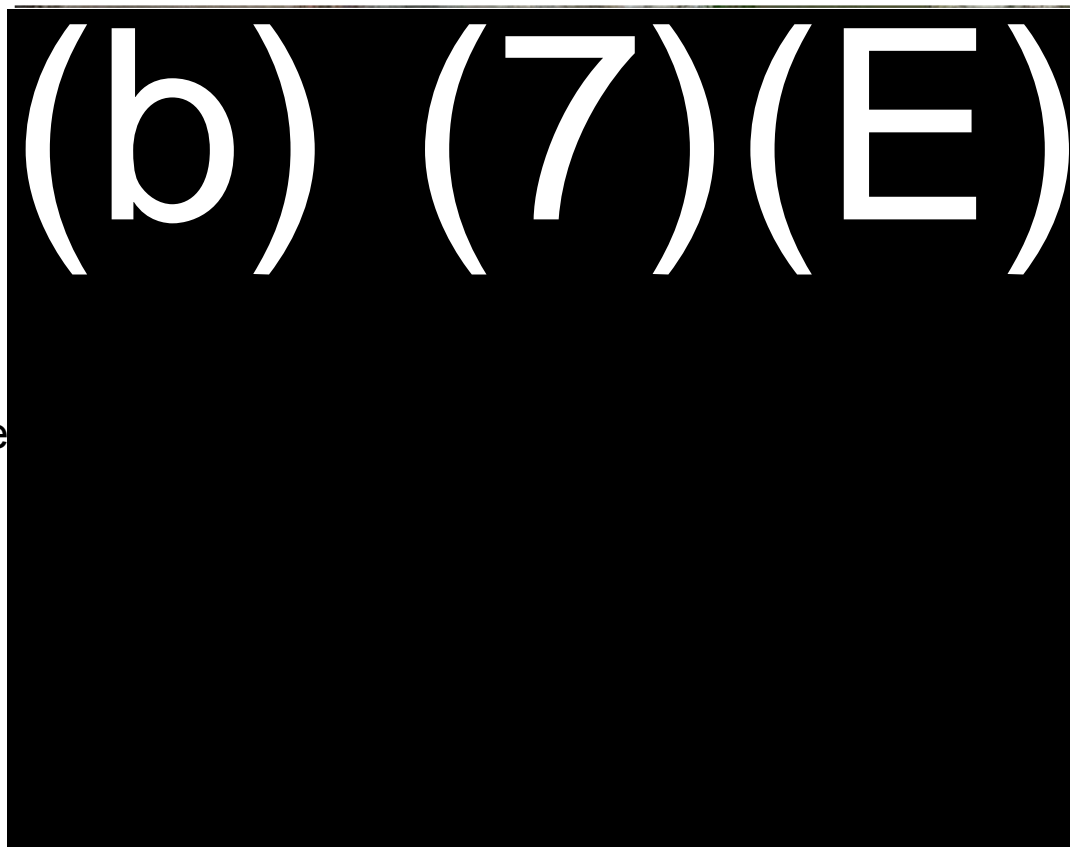


- CBP has hired the Corps to prepare a comprehensive drainage study of the Anapra border area to identify necessary improvements to ensure long-term viability of fencing and access roads
- Close coordination with IBWC (and Mexico) critical to ensure long-term solutions are identified and implemented
- CBP/Corps in the process of obtaining ROE-S&E
- Draft report due in December 2011 (may now be November)
 - 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) (7)(E)
- The proposed location of the short section of VF is located in the Roosevelt Reservation and outside of the floodplain; IBWC indicated that there could be some “outcry” from local NGOs if formally propose installing the VF
- **Mexico installed guard rail that negates the need to install the vehicle fence-thank you**



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)

- 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 of this FY to design the box culvert to replace the existing canal. Goal is to have the design complete by Sept 2012 and to award a construction contract in time to allow the work to occur in late 2012/early 2013



Yselata-Fabens Canal Crossings



- (b) (5)
-



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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
 - IAA on hold until environmental clearance is obtained
- Public comments (including IBWC) received and being addressed relative to the draft EA
- Conference call held on Sept 1st between IBWC, CBP and FWS to discuss FWS desire for a formal consultation
 - CBP to revise EA to acknowledge IBWC’s avoidance/mitigation efforts
 - CBP to consider additional conservation activities



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Ft Hancock/Zac Dominguez Field Office Vehicle Gates



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



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Eagle Pass River Bank Reconstruction

• (b) (5)



- Significant river bank erosion and possible main channel movement occurred as the result of last years flooding; IBWC visited the area on August 18th – thoughts?
- **IBWC indicated that they plan to correct some of the erosion and would provide CBP with more specific details soonest**



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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



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Laredo Boat Ramp-Phase 2

- CBP submitted Phase 2 plans (lighting and post & cables) on April 4th requesting review and “concurrence”
- [REDACTED] (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 December**



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PF225 O-1 thru O-3



- IBWC coordinating project “concurrence” with Mexico



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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)

- IBWC negotiated change order for (b) (5) to install electrical conduit on behalf of CBP

(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), (b) (7)(C) 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
- [REDACTED] (b) (5)
- Revised IAA has been finalized
- Construction has resumed. At a recent project meeting, CBP's port director reportedly raised concerns about the project (specifics unknown). (b) (6) (IBWC) to forward the name of the specific CBP official that raised the concerns to (b) (6), (b) (7)(C) CBP)



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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
- IBWC requested the construction schedule for the test gates
 - Sept 08, 2011 NTP for Fabrication
 - Oct 24, 2011 NTP for Installation
 - Nov 28, 2011 NTP for Power
 - Dec 2011 – Jan 2012 Testing of Group 1 Test Gates
 - Nov 2012 – 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**



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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
 - Mexico has notified IBWC that they believe they incurred flood damage as a result of CBP's primary fence. IBWC meeting with Mexican officials and CBP at the Lukeville POE on Sept 8th to observe the existing conditions and to discuss



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