CBP Office of Finance
Facilities Management and Engineering

(b) (6), (b) (7)(C) meeting notes in “red”; prepared 09/03/10

Border Patrol Tactical Infrastructure Program
IBWC Coordination Activities
September 1, 2010
Agenda

- Permitting/Licensing
- Levee Crest/Road Maintenance MOA
- B.I.S. Surf Fence
- B.I.S. Friendship Circle Fencing
- B.I.S. Bunker Hill Road
- Tijuana River North Levee Road Paving
- Nogales D-5/Zone Road
- Nogales Fence Replacement
- Nogales Tunnels Gates
- Mexican Levee/Road @ Silvercreek wash
- Anapra Area-Raw Sewage Discharges
- Anapra Area-CBP/Corps Drainage Study
- El Paso Aqueduct Cabling
- PF225 K-1B Fence
- El Paso Canal Crossovers
- El Paso Vega Ramps
- El Paso Vega Mowing
- PF225 L-1 Irrigation Piping
- PF225 L-1 Wash#4 & River Gage Data
- PF225 L-1 Trench Fencing
- PF225 M-2C Fence
- Laredo Riverfront Road Phase IIIC
- Laredo Boat Ramp
- Laredo Cane Removal Pilot
- PF225 O-1, O-2 & O-3
- Penitas Pump Station Levee Wall (PF225 O-4B)
- Hidalgo POE PH 2
- PF225 O-19
- Lower Rio Grande Valley Mowing
CBP Office of Chief Counsel has questions regarding the

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

(b) (5)
IBWC would like to execute a MOA amendment to “formally” address levee crest/road maintenance

CBP recommends a meeting be held b/t O&M personnel of both organizations to discuss scope and terms/conditions

Need to identify lead POCs for both agencies to coordinate these efforts
B.I.S. Surf Fence

- “In-kind” replacement of existing border fencing installed in Pacific Ocean
  - Project extends (b) (7)(E) into water
- Design underway
- IBWC concerns/issues??
- CBP to provide IBWC with a copy of the SEA that was prepared for the project
B.I.S. Friendship Circle Fencing

- Replacement of border fencing in proximity to Friendship Circle
- Installation of new secondary fencing to facilitate public access to border monument
- Design underway
- Submitted proposed concept plan to IBWC on 08/10
  - Need direction relative to the monument
- IBWC issues/concerns??
- CBP to resend concept design to IBWC (done on 09/03/10); IBWC to provide feedback w/in 10 days
- Construction of a new road (0.5 mi) 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 deployment
- Design underway
Tijuana River North Levee Road Paving

- Project will provide a tar and chip roadway surface over the existing granular surface levee road, just east of the Las Americas Premium Outlets
- Primary purpose of paving is dust control
- Status of IBWC comment letter? We should receive in the next day or so; CBP may need to acquire a license or MOA amendment from IBWC
Nogales D-5/Zone 20 Border Road

- Construction of the border access road from PF225 fence segment D-5A west (Coronado National Forest)
- CBP’s C-1 high priority project
- Expedited project delivery
  - *Will need expedited IBWC design review (i.e. 3 days)*
- Multiple/continuance military training deployments to build as much as feasible
- First construction deployment to start in January 2011
- Design expected to get underway in mid-Sept
- IBWC would like to see the 30% (+/-) design once available; we advised that the first submittal will be late Sept/early Oct; need to give them head’s up as soon as we know what day they will receive it so they can be prepared to expedite the review
Nogales Fence Replacement

- Replacement of [(b)(5)] of existing legacy border fencing (landing mat) from the west side of the Mariposa POE to the east side of the Deconcini POE
  - Fencing b/t PF225 D-5A & D-5B
  - High profile project
- Appears Mexican structures/utilities may exist on U.S. side of the border that will need to be relocated
  - CBP requests IBWC/CILA survey border and initiate the relocation of structures as necessary
- Design expected to get underway in September
- CBP needs to send IBWC the location of fence segments to be replaced and the schedule soonest so they can begin coordination with Mexico
- IBWC will need to survey the border to determine which structures/utilities may need to be relocated
Nogales Tunnels Gates

- Removal of the existing 3-feet retaining wall in the Grand tunnel and the installation of primary gates at the Grand and Morley tunnels
  - Project also involves tunnel access improvements
- Design efforts should begin in September
- Once a concept design is prepared, CBP/Corps would like to meet with IBWC to ensure we are “all on the same page” with regards to the design and analysis approach
- IBWC re-iterated that a hydraulics analysis will need to be conducted for the new proposed gates. IBWC will provide us with the flow rate assumption(s).
A new levee/road recently 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.

- The road is downstream of a new LWC recently constructed by CBP.
- Any new news??
- IBWC sent a letter to Mexico regarding our concerns on 08/14; informal conversations have taken place since; the property owners are going to be told that they have to relocate and or lower to insure the “backwater” effect in the U.S. does not exceed 6-inches.
CBP concerned about Agent’s health & safety
Does IBWC know the source of the sewage? WWTP overflow?
When and what can be done to stop the discharges?
Any new news?
These are believed to be intermittent discharges due to mechanical and electrical failures at a nearby WWTP; IBWC says there isn’t much they can do about the situation since it’s intermittent
Anapra Area—New Mexican Road and Drainage Design

- New Mexican road adjacent to fence in Anapra appears to have been designed without consideration of damage to U.S. property
- New road experiencing severe erosion resulting in sediment laden water entering the U.S.
- Any new news??
- IBWC has contacted Mexico (7/30 & 8/26) and expressed their concerns about the drainage and erosion and asked Mexico to fix
- CBP requested a copy of the design drawings for our use in the Drainage Study we are preparing; IBWC indicated they would try to get us the drawings w/in 2 wks
- IBWC offered to help facilitate getting our engineers into Mexico to see the upstream watershed if necessary
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
  - Any data/info available??

- CBP/Corps in the process of obtaining ROE-S&E

- Draft report due in March 2011

- See previous slide
The El Paso Aqueduct Project (EPAP) consists of above designated storm drains on IBWC property that will monitor the storms drains (b) (7)(E)

IBWC license required to install fiber optics cabling from the cameras to the El Paso Processing Center (b) (7)(E)

CBP has agreed too:
- have bio and cult monitor onsite during the construction/trenching operation and coordinate the results with IBWC, FWS and SHPO
- to perform MBTA surveys before the activity begins to clear the corridor of migratory birds (especially burrowing owls)

Status of concurrence letter?

IBWC requested more details as to exactly what/how we are proposing to build; CBP subsequently sent IBWC detailed design drawings on 09/02 and requested an expedient approval letter
- 60% design submitted to IBWC on July 14th for review; would like comments back by August 11th if possible; status of comments? Project on-hold pending IBWC comments
  - CBP received IBWC comment ltr on 09/03/10
- Environmental Site Assessment submitted to IBWC on July 22nd; Soils testing for Arsenic to be conducted in September
- CBP hoping to obtain whatever available documentation IBWC may have (either original drawings or record drawings) for the culvert structure located at the north (upstream) end of the project corridor
- Goal is to start construction by May 2011; real estate acquisition is critical activity
El Paso Canal Crossovers

- Project involves the construction of canal crossovers in the Border Patrol’s Yselata and Fabens Stations areas of responsibility (PF225 segments K-2C, K-2D, K-3 and K-4 (future))
- 60% design drawings submitted to IBWC on July 29th
- Work will be constructed in several phases due to NEPA requirements for the ramps in the floodway (canal crossovers waived in April 2008) and real estate acquisitions
- Goal is to complete first RFP in November 2010
- Status of IBWC comments on 60% design? Project on-hold pending IBWC comments-letter has reportedly been drafted and should be sent to CBP by 09/03/10
El Paso Vega Ramps

- Construct new vehicle ramps in Vega to align with canal crossovers & remove 4 existing ramps to negate floodplain impacts
- CATEX/REC and Section 106 compliance; expected to be completed in April 2011
- No action required from IBWC at this time
- Draft Interagency Agreement submitted to IBWC on June 28th - Status of IBWC comments?
  IBWC still working on comments

- Preparation of EA underway; Draft DOPPA to be submitted to IBWC by mid-August
  - CBP going to send formal letter documenting that we requested IBWC to be a cooperating agency
  - Close coordination with IBWC required to ensure we receive your public support for the EA
  - Need to determine if CBP can conduct bird surveys as an additional option to IBWC conducting them

- El Paso sector to follow-up with IBWC regarding BP providing security to IBWC personnel working in dangerous vega areas - Did this happen?

- CBP would like to conduct one-time mowing of critical areas ASAP using CBP labor and IBWC equipment; request submitted 8/26
  IBWC indicated that they started mowing the vega on 08/30 at two locations; Zaragoza to American Dam (which should take about 3 weeks to complete); and Neely’s Crossing to the Fabens/Yselta areas (it will likely be several months before they get to Fabens/Ysleta)
PF225 L-1 (Marfa) Irrigation Piping

- Project involves the replacement of two “private” irrigation pipe lines (not in service) “damaged” by the construction of the pedestrian fencing
  - Design to be submitted to IBWC by mid-September
- Corps/Baker Engineers developing construction drawings; should be completed by end of October/beginning November
- Corps verifying LWC was built per approved plans (i.e. as-built review)
  - We expect to receive next week
- CBP/Corps to develop concepts for providing IBWC with access to the Vega
  - New vehicle gate?
  - New wash crossing?
- CBP/Corps also looking at options for improving actual LWC
- Status of IBWC river gage data? CBP dropped request
Vehicle deterrent concrete trenches pose a safety hazard to person & animas
CBP desires to install some type of fencing around perimeter of trenches to keep people/animals from falling in
Request assistance submitted on 08/06
Thoughts…suggestions??
IBWC comment letter forthcoming soon. Bollards or (b) (7)(E) would be acceptable
Hydraulic analysis submitted to IBWC on June 24th for review and coordination with Mexico

Status of IBWC approval?

RFP issued to bidders on July 21st; Contract to be awarded on Sept 3rd

IBWC indicated that there was still a minor outstanding change that needed to be made to the model; the model was subsequently approved by IBWC on 09/01 and will be forwarded to MX for concurrence
- Reconstruction of border road w/ proposed low water crossings and one culvert installation
- Project to be constructed by a military training deployment
- 60% design drawings submitted to IBWC on 08/16-status of review??
- IBWC comment letter has been prepared and should be sent shortly; no major concerns; will require Mexico concurrence
Laredo Boat Ramp Paving Project

- Project involves the paving (articulated concrete matting) of an existing dirt boat ramp located beneath the Laredo POE#1
  - No proposed fill in the floodplain
  - No lighting proposed in this phase of work
- Plan is to construct the paving in January using a military training deployment
  - Schedule must be met
- 30% design to be submitted to IBWC in early Sept (7th?)
- CBP stressed the urgency of being able to start construction in January
Re-vegetation work wiped out by recent flooding; estimated cost to repair is ~$350K
No action required by IBWC
CBP request IBWC to continue to pursue Mexico’s water quality sampling results from the Phase 1 herbicide application
- CBP briefed IBWC on predicted floodplain impacts from proposed O-1, O-2 and O-3 fence alignments
  - IBWC to discuss internally w/ Dept of State
- Any new news??
- As long as the modeling shows predicted results that exceed the agreed to thresholds (no matter how small), the project does not comply with the treaty
Project involves the construction of new levee wall(s) and levee in proximity to the Pump Station

- Pre-construction meeting held in July

- CBP/Corps provided IBWC with proposed electrical conduit design for inclusion in construction contract-Status of IBWC review?-IBWC will check on the status of their review comments (being reviewed locally)

- Status of real estate acquisitions? How can CBP help?

(b) (5)
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
Any new news?
Construction should start in the next week or so; IBWC is still awaiting a construction schedule from their contractor and will forward once available.
Approximately
- Several design options submitted to IBWC in early July
  - Build levee wall similar to Hidalgo and segment O-21A
  - Use drilled shaft foundations
- Status of IBWC comments? Project on-hold pending receipt of IBWC comments
- Comment letter prepared and should be sent to us soon; they are OK with us using either foundation design option proposed
CBP would like to mow ASAP critical areas in proximity to the border
- Map(s) depicting specific areas sent to IBWC on 08/04
- CBP prepared to perform bird surveys & mowing

Status of IBWC’s approval?

IBWC is OK with us proceeding as long as FWS concurs