

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



U.S. Customs and
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Agenda

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Building for a Secure America

- 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 (b) (7)(E) 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



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- CBP Office of Chief Counsel has questions regarding the

(b) (5)



Levee Crest/Road Maintenance MOA

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- 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**



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B.I.S. Surf Fence

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- “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**



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B.I.S. Friendship Circle Fencing

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- Replacement of border fencing in proximity to Friendship Circle (b) (7)(E)
- 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**



(b) (7)(E)



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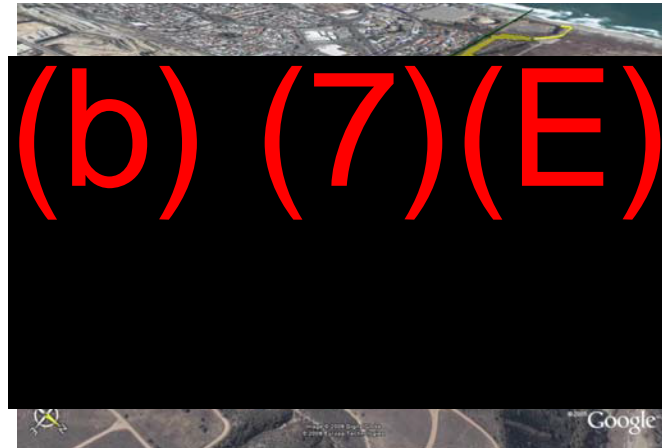
B.I.S. Bunker Hill Road

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- 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



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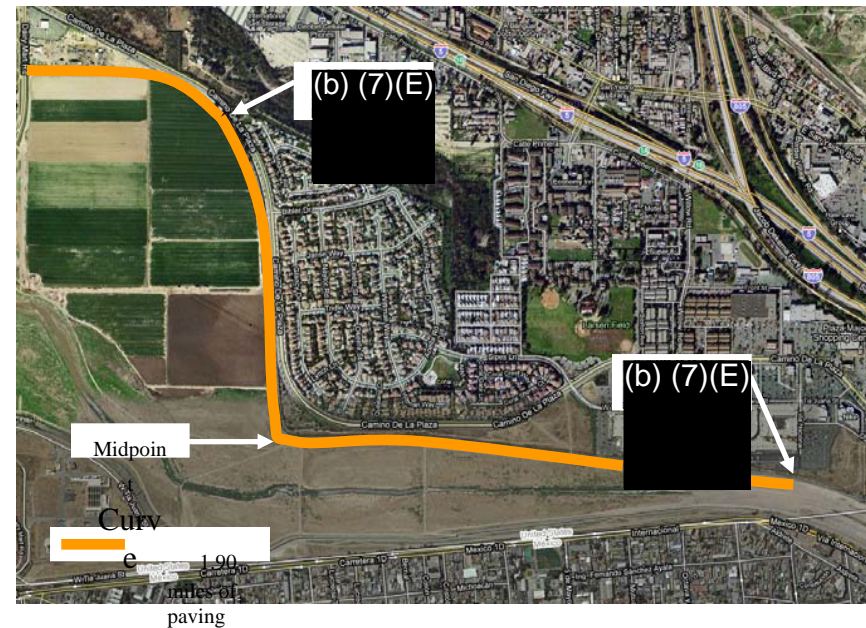
Tijuana River North Levee Road Paving

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- 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**



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Nogales D-5/Zone 20 Border Road

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- Construction of (b) (7)(E) of 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



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Nogales Fence Replacement

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- 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 re-located
 - 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

(b) (7) (E)



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- 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
- 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).**



Mexican Road Constructed @ Silvercreek wash

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- 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**



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Anapra Area-Raw Sewage Discharges

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- 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**



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Anapra Area-New Mexican Road and Drainage Design

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- 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



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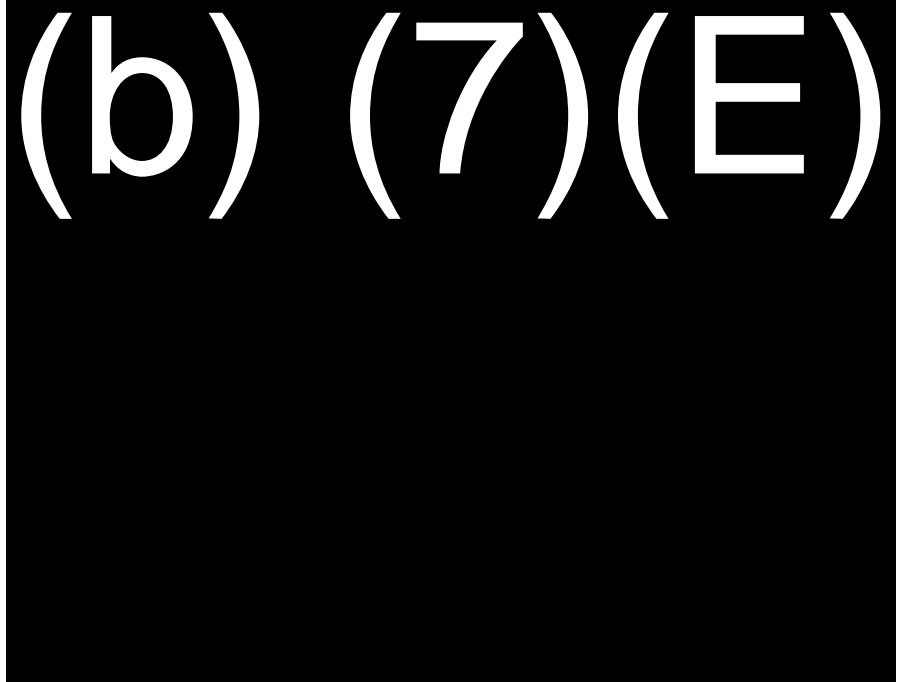
Anapra Area-CBP/Corps Drainage Study

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- 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**



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El Paso Aqueduct Project

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- The El Paso Aqueduct Project (EPAP) consists of (b) (7)(E) 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
- 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



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- 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

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- Project involves the construction of **(b) (7)(E)** 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**



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El Paso Vega Ramps

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- Construct [REDACTED] 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



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- 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/Ysleta areas (it will likely be several months before they get to Fabens/Ysleta)**



PF225 L-1 (Marfa) Irrigation Piping

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- 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



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PF225 L-1 Wash#4 & River Gage Data

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- 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**



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- Vehicle deterrent concrete trenches pose a safety hazard to person & animals
- 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



M-2C Fence Segment

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- 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**



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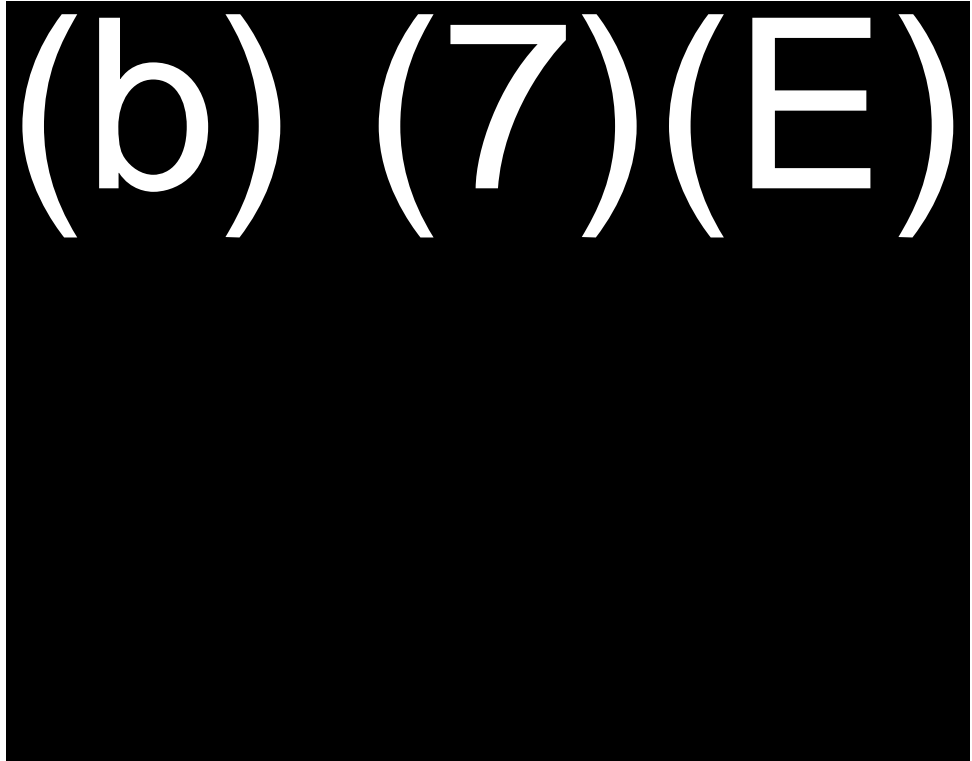
Laredo Riverfront Road Improvement Phase IIIC

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- 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**



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Laredo Boat Ramp Paving Project

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- 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**



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Laredo Phase I Cane Removal Pilot Project

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- 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**



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- 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**



Penitas Pump Station Levee Wall (PF225 (b) (7)(E))

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- 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)



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- 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 (b) (7)(E)
- (b) (7)(E), (b) (5)
 - 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**



Lower Rio Grande Valley Mowing

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- 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**



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