

# Michael Baker

## INTERNATIONAL

### MEETING MINUTES

**Date:** Friday, February 9, 2018 at 10:00 AM to 11:20 AM

**Location:** WebEx Meeting

**Project / Purpose:** To discuss design-related RFIs, regarding the RGV 05 Border Wall Project.

**Attendees:**

- (b) (6)
- (b) (6), (b) (7)(C), CBP
- (b) (6), (b) (7)(C), CBP

**Notes By:** (b) (6)

---

The following meeting notes set forth our understanding of the discussions and decisions made at this meeting. If no objections, questions, additions, or comments are received within 5 working days from issuance of the meeting notes, we will assume that our understandings are correct. We are proceeding based on the contents of these meeting notes.

---

#### Introduction:

1. Introduction by (b) (6)

#### Meeting:

1. RFI List

- a. Cross Section (refer to following graphic)
  - i. River is primary barrier; bollard wall is secondary.
  - ii. USACE held internal discussion with CBP on Wednesday, February 7, 2018.
  - iii. Similar to RGV 01, but without levee wall. Not similar to Santa Teresa, as previously discussed.
  - iv. (b) (7)(E) enforcement zone swath (typical), both sides of bollard wall.
  - v. Possible increase of enforcement zone swath TBD.
  - vi. Per USACE and CBP, everything to be cleared within enforcement zone swath.
  - vii. Per USACE and CBP, drainage and access gates shall open/swing (b) (7)(E). In drainage event, (b) (7)(E) gates will more easily open with flow.
  - viii. Lock location/placement TBD.

(b) (7) (E)

- b. Patrol Road
- i. Drivable surfaces, both sides of bollard wall, shall be FC-2 all-weather road.
  - ii. Patrol road, "south" of bollard wall (river-side).
  - iii. Maintenance/Access road, to follow TI standards (b) (7)(E), "north" of bollard wall.
  - iv. Maintenance/Access road must ramp down to drainage gates.
  - v. MBI suggested articulated concrete mats (ACMs) as alternative to concrete paving, due to ease of install, comparatively. Note: California does not like maintaining ACMs; however, Santa Teresa likes their use.
  - vi. Ignore TI standards requirement for Low Water Crossings (LWCs).
- c. Alignment
- i. Wash locations exist where bollard wall/patrol road may dead-end at natural barrier, such as a steep drop-off. Maintenance/Access roads will jog around to provide access.
  - ii. Bollard wall will not be moved closer to river per U.S. Fish & Wildlife Service (USFWS) request.
- d. (b) (7)(E)
- i. Similar placement to RGV 01—3 locations in cross section.
  - ii. (b) (7)(E)
  - iii. (b) (7)(E) or will not be operational (according to (b) (6), (b) (7)(C)).
- e. (b) (7)(E)
- i. Similar to RGV 01.
- f. RVSS Towers
- i. *Rio Grande Valley Tower Sites* exhibit received from RVSS team.
  - ii. Per CBP, assume "Papa Hill" is within Design-Bid-Build (DBB) project limits.
  - iii. Differs from RGV 01; not utilizing monopoles.

- iv. Shall be truss tower construction; not free-standing tower.
  - v. Assume 12' x 12' base for foundation.
  - vi. Requires bump-out in typical enforcement zone swath. (b) (5)  
 (b) (5)
  - vii. CBP to coordinate shelters required in bump-outs with (b) (6), (b) (7)(C).
  - viii. Height not provided.
  - ix. Requires power and data.
- g. Light Poles with (b) (7)(E)
- i. CBP to discuss location of lights in enforcement zone swath with (b) (6), (b) (7)(C). Note: No lights in San Diego enforcement zone swath.
  - ii. (b) (7)(E)
  - iii. Per USACE and CBP, (b) (5), (b) (7)(E)
- h. Backup Generator
- i. Vehicle gates to have permanent power brought in.
  - ii. Similar to RGV 01, shall have ability to connect portable generator at gates. Though RGV 01 hasn't actually installed, has the capability.
- i. Power Redundancy
- i. Might not be available, as there might only be one provider—unless there is a directive.
- j. Lighting Control / Monitoring
- i. Similar to RGV 01.
- k. Buy American Act
- i. Similar to RGV 01.
- l. Access Roads
- i. Waiting on Environmental Waiver and Special Use Permit (SUP), which should include desired BMPs.
- m. Utility Layout Guide
- i. Not discussed.
- n. Utility Company POCs
- i. Not discussed.
- o. RFP Package
- i. RFP to be bid as a Task Order, not a stand-alone contract.
2. Other Items
- a. Drainage Gates
- i. (b) (7)(E) to open/reel in gates, (b) (7)(E).
  - ii. Drainage gates designed to open (b) (7)(E), from closed position.
  - iii. USACE and CBP desired drainage gates be allowed to open (b) (7)(E) is still within flow--though, International Border and Water Commission (IBWC) did not take issue with this previously.
  - iv. To be designed to meet IBWC criteria.

- b. Bollard Wall
  - i. Possible cabinets along the bollard wall.
- c. CBP
  - i. Introduced (b) (6), (b) (7)(C) to the RGV 05 team.
  - ii. (b) (6), (b) (7)(C) left early due to a scheduling conflict.
- d. RGV 01 – Floodwall Construction Project in Alamo, Texas
  - i. USACE approved to push pre-solicitation approval submission from Friday, February 9, 2018 (today) to Monday, February 12, 2018, in order to provide time for completion of Specifications and internal QA/QC over the weekend.
  - ii. Temporary flood protection.
  - iii. Seepage taken care of for additional borings and cutoff wall.

**Action Items:**

1. (b) (6), (b) (7)(C) to coordinate shelters required in RVSS Tower bump-outs with (b) (6), (b) (7)(C).
2. (b) (6), (b) (7)(C) to discuss light pole locations with (b) (6), (b) (7)(C).

-----END OF MEETING MINUTES-----