

U.S. Customs and Border Protection (CBP) is in the initial stages of planning for proposed levee wall along 28 miles of existing levee located in Hidalgo County, Texas within the U.S. Border Patrol's McAllen and Weslaco stations area of responsibility (AOR) and 32 miles of bollard wall in Starr County, Texas within the U.S. Border Patrol's Rio Grande City station AOR. In addition, CBP is in the planning stages of its second phase of gate installation to close 35 gaps in existing border fence in Hidalgo and Cameron counties. The 35 gates were funded in CBP's fiscal year (FY) 2017 appropriation, while the proposed 28 miles of levee wall and 32 miles of bollard wall are included in the President's FY18 budget request to Congress.

In Hidalgo County, CBP is proposing 28 miles of levee wall. The proposed levee wall alignment will be on the south face of the northern U.S. International Boundary Water Commission (IBWC) levee. The proposed design includes construction of a reinforced concrete levee wall to the height of the existing levee with (b) (7)(E) tall steel bollards installed on the top of the levee wall, a possible (b) (7)(E) enforcement zone on the south/river side of the levee wall, detection technology, enforcement zone lighting, video surveillance, automated vehicle gates, pedestrian gates, and an all-weather patrol road parallel to the levee wall. In addition, CBP will install gates within 20 gaps in existing border levee wall within Hidalgo County and in 15 existing gaps within Cameron County.

In Starr County, CBP is proposing 32 miles of bollard wall. The proposed design includes construction of (b) (7)(E) tall steel bollards, a possible (b) (7)(E) enforcement zone on the south/river side of the bollard wall, detection technology, enforcement zone lighting, video surveillance, and an all-weather patrol road parallel to the bollard wall.

Additional details of the possible components of the proposed action are as follows:

- **Levee Wall** -The levee wall will be a concrete wall to the height of the levee crest with (b) (7)(E) bollards installed in the top of the levee wall.
- **Bollard Wall** – The bollard wall will be (b) (7)(E) high utilizing (b) (7)(E) diameter, concrete filled steel bollards.
- **(b) (7)(E) Enforcement Zone** – The enforcement zone will be an area extending from the south/river side of the levee wall or bollard wall approximately (b) (7)(E). All vegetation within the (b) (7)(E) enforcement zone will be cleared.
- **Gates** - Automated vehicle gates will be installed with a minimum height of (b) (7)(E) and minimum width of (b) (7)(E). In addition, gates designed to allow for farming equipment will be installed where appropriate and range in width from (b) (7)(E). All gates will be (b) (7)(E) gates with an (b) (7)(E).
- **Lighting** - LED lighting will be installed as part of this project. CBP will work with the appropriate stakeholders to develop solutions to avoid excess lighting beyond the enforcement zone.
- **All Weather Road** - An all-weather aggregate patrol road (b) (7)(E) will be constructed on the south side and parallel to the levee or bollard wall and within the (b) (7)(E)

enforcement zone. The specific location of the road within the enforcement zone will be determined during the design phase of the project.

- **Cameras** - A camera surveillance system will be installed to (b) (7)(E)

The purpose of the proposed action is to [increase CBP's ability to impede or deny illegal border crossings, and to](#) provide improved surveillance and detection capabilities to the areas of greatest risk of illegal cross-border activity located within the US. Border Patrol Rio Grande Valley Sector. The proposed action will be similar to other levee and border wall systems located within the Rio Grande Valley Sector. The proposed action will also support CBPs action under Executive Order (EO) 13767, where CBP is directed to "...secure the southern border of the United States through the immediate construction of a physical wall on the southern border, monitored and supported by adequate personnel so as to prevent illegal immigration, drug and human trafficking, and acts of terrorism."

CBP will evaluate the potential environmental impacts associated with the proposed action. CBP is gathering data and input from state and local government agencies, federal agencies, and Native American Tribes that may be affected by or otherwise have an interest in the proposed actions. Since your agency or organization may have particular knowledge and expertise regarding the potential environmental impacts from CBP's proposed action, your input is sought regarding the likely or anticipated effects to biological, cultural, and natural resources from the implementation of the proposed actions. Your response should include any state and local restrictions, permitting or other requirements with which CBP should consider during project siting, construction, and operation.

Your prompt attention to this request is appreciated. [Comments and information will be accepted up to 30 days following the date of this letter.](#) If you have any questions or comments please contact me at (b) (7)(E). Please include "RGV Wall and Gates Construction" in the title of your email. Thank you for your cooperation.

Sincerely,

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

Real Estate and Environmental Branch Chief  
Border Patrol & Air and Marine  
Program Management Office

Enclosure

Rio Grande City Station - Zone

(b) (7)(E)

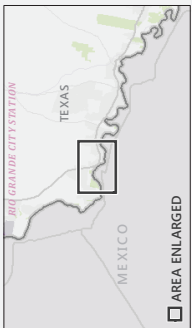
(b) (7)(E), (b) (5)

LEGEND

- IBWC Levees
- Proposed Barrier
- Existing Pedestrian Fence
- Real Estate Green/Env Green Roads
- Real Estate Green/Env Red Roads
- Real Estate Red/Env Green Roads
- Real Estate Red/Env Red Roads
- Other Roads
- USBP Station Zones
- U.S. Fish and Wildlife Service Land

\*If sheet measures less than 11x17", it is a reduced print.  
Reduce scale accordingly.

1 in = 0.5 mi 131,680



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INTERNATIONAL

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BW8 FOIA CBF 002008

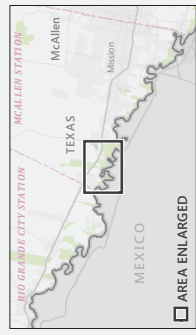
(b) (7)(E), (b) (5)

LEGEND

- IBWC Levees
- Proposed Barrier
- Existing Pedestrian Fence
- Real Estate Green/Env Green Roads
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BW8 FOIA CBF 002009

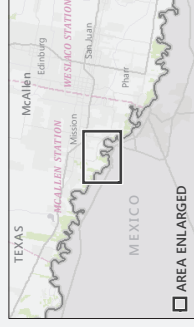
(b) (7)(E), (b) (5)

LEGEND

- IBWC Levees
- Proposed Barrier
- Existing Pedestrian Fence
- Real Estate Green/Env Green Roads
- Real Estate Green/Env Red Roads
- Real Estate Red/Env Green Roads
- Real Estate Red/Env Red Roads
- Other Roads
- USBP Station Zones
- State Land
- U.S. Fish and Wildlife Service Land

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### LEGEND

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- Proposed Barrier
- Existing Pedestrian Fence
- Real Estate Green/Env Green Roads
- Real Estate Green/Env Red Roads
- Real Estate Red/Env Green Roads
- Real Estate Red/Env Red Roads
- Other Roads
- McAllen City Boundary
- USBP Station Zones
- U.S. Fish and Wildlife Service Land

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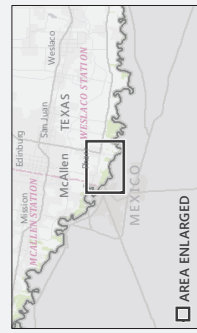


LEGEND

- IBWC Levees
- Proposed Barrier
- Existing Pedestrian Fence
- Real Estate Green/Env Green Roads
- Real Estate Green/Env Red Roads
- Real Estate Red/Env Green Roads
- Real Estate Red/Env Red Roads
- Other Roads
- McAllen City Boundary
- USBP Station Zones
- U.S. Fish and Wildlife Service Land

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









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## Weslaco Station - Zone

(b) (7)(E)

(5) (a) (E) (Z) (a)

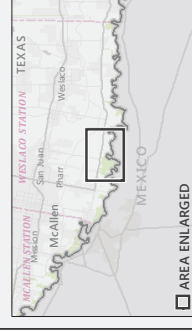
## LEGEND

- |   |                                     |
|---|-------------------------------------|
|  | IBWC Levees                         |
|  | Proposed Barrier                    |
|  | Existing Pedestrian Fence           |
|  | Real Estate Green/Env Green Roads   |
|  | Real Estate Green/Env Red Roads     |
|  | Real Estate Red/Env Green Roads     |
|  | Real Estate Red/Env Red Roads       |
|  | Other Roads                         |
|  | USBP Station Zones                  |
|  | U.S. Fish and Wildlife Service Land |

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1 in = 0.5 mi

1:31,680



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BW8 FOIA CBP 002013



Weslaco Station - Zone (b) (7)(E)

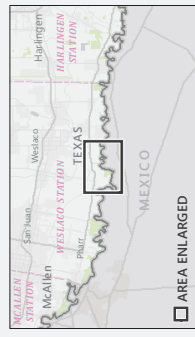
(b) (7)(E), (b) (5)

LEGEND

- IBWC Levees
- Proposed Barrier
- Existing Pedestrian Fence
- Real Estate Green/Env Green Roads
- Real Estate Green/Env Red Roads
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- Real Estate Red/Env Red Roads
- Other Roads
- USBP Station Zones
- U.S. Fish and Wildlife Service Land

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BW8 FOIA CBF 002014

(b) (7)(E)

LEGEND

- IBWC Levees
- Proposed Barrier
- Existing Pedestrian Fence
- Real Estate Green/Env Green Roads
- Real Estate Green/Env Red Roads
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# Tactical Infrastructure

July 26, 2017

**Program Manager:** (b)(6)(b)(7)(C)

**Program Level:** Level 1

**Program Type:** Non-Information Technology

## Program Description:

The CBP Office of Facilities and Asset Management (OFAM) Facilities Management and Engineering Directorate's (FM&E's) Border Patrol & Air and Marine **Program Management Office (BPAM PMO)** manages the Tactical Infrastructure (TI) program in support of USBP planning, construction, and maintenance of all tactical components.

The TI Division, in partnership with the U.S. Army Corps of Engineers (USACE), provides USBP with long-term planning, construction, and maintenance capabilities consisting mainly of roads, fencing (both pedestrian and vehicle), bridges, drainage structures, lighting systems, vegetation and debris removal and towers. TI's most visible projects are the border fence and gates.

The purpose of pedestrian and vehicle fence is to provide persistent impedance by slowing, delaying, and acting as an obstacle to illegal cross-border activity.



El Paso Crossover Project



Naco Fence Replacement Project

**PAE Assessment:** XXXXX

# Tactical Infrastructure

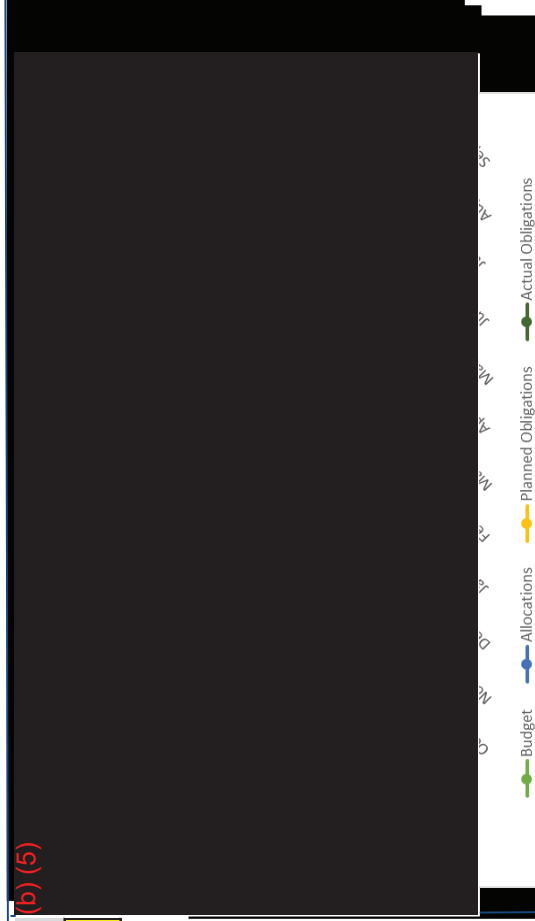
July 26, 2017

LCCE: (FY07-FY36) is (b) (5)

EAC: \$2.4 Billion

Program/Project	Staffing	Documents & Data	Funding	Budget Execution	Cost	Schedules	Performance	Risk	Technical Interface	Stakeholder Interface	Customers
Program	□	□	↑	□	□	□	□	□	□	□	□

- Staffing: Critical personnel gaps identified but lack of vacancies and difficulty in filling positions due to hard to fill locations.
- Funding: Received additional funding for road maintenance in FY17. However, additional funding will be required once real estate and environmental are cleared on all USBP required roads.
- Schedules: Comprehensive Tactical Infrastructure Maintenance and Repair (CTIMR) delays due to prior protests.
- Good relationship with customers but unable to fully meeting requirements due to lack of staffing and funding shortages.



## Upcoming Events/Milestones: (next 12 months)

- CTIMR Work Area 1: Anticipated award September 2017
- CTIMR Work Area 2: Anticipated award October 2018
- CTIMR Work Area 3: Awarded May 2017 (through May 2018)
- CTIMR Work Area 4: Awarded March 2017
- ELC-Jacumba Road Repairs funded through FY17 \$21.2M O&M
- ELC-Alamo River Vegetation funded through FY17 \$21.2M O&M
- TCA-BBQ Road Construction, anticipated funding December 2017

## Key Takeaways:

- Critical federal personnel gaps continue to exist impacting the ability to manage and execute work
- Anapra Fence Replacement Project:
  - Added 1000 feet to original project plan to close fence gap that was critical to enhancing border security
  - Area encompasses the International Boundary and is considered a High Risk Encounter Area.
  - Planned completion August 2017.
- Fence Replacement Project:
  - As of May 9, Naco fence is 100% complete with all 4,935 panels placed.
  - Fiber and low-water crossings are underway and the project should be substantially complete mid-July 2017.

**Program Manager:** (b)(6)(b)(7)(C)

**Program Level:** Level 1

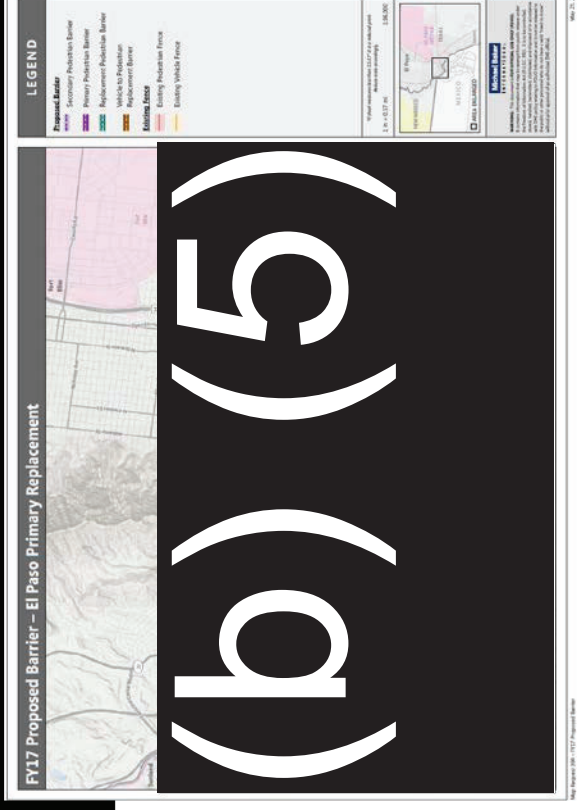
**Program Type:** Tactical Infrastructure

### Program Description:

- **San Diego Primary Fence Replacement:** Current landing mat fence will be replaced with steel bollard wall. 14 miles of pedestrian fence replacement located in San Diego's Border Infrastructure System.
- **Calexico Primary Fence Replacement:** Current landing mat fence will be replaced with steel bollard wall. 2 miles pedestrian fence replacement located in San Diego Sector.
- **Santa Teresa Primary Fence Replacement:** 20 miles of Vehicle Fence to Pedestrian Fence in Santa Teresa will be replaced. Current Vehicle Fence will be replaced with steel bollard wall.
- **El Paso Station Primary Fence Replacement:** 4 miles pedestrian fence replacement. Current chain-link fence will be replaced with steel bollard wall.
- **Rio Grande Valley Gates:** 35 new gates located in Cameron and Hidalgo County.



Gate in Rio Grande Valley



(b) (5)



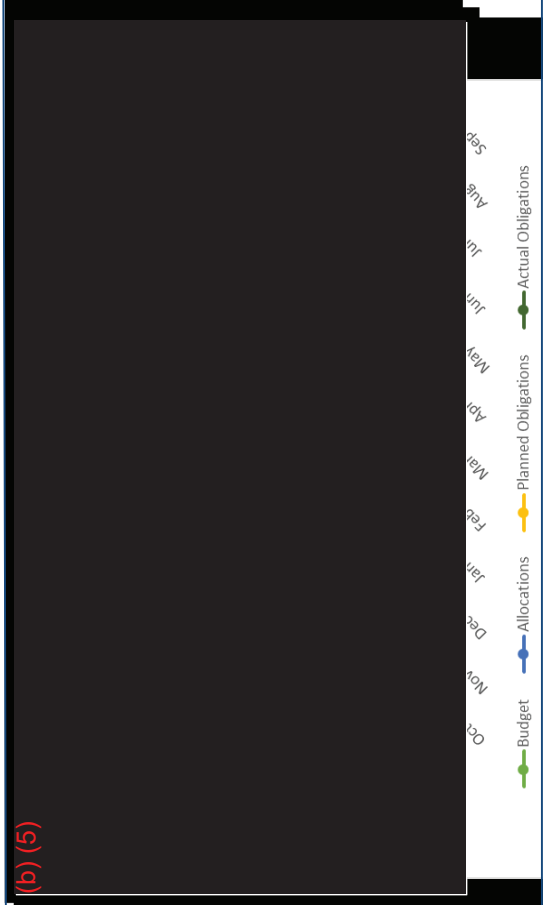
# FY17 Tactical Infrastructure (TI) Projects

July 26, 2017

LCCE: Part of approved TI LCCE EAC: In Progress

Program/Project	Staffing	Documents & Data	Funding	Budget Execution	Cost	Schedules	Performance	Risk	Technical Interface	Stakeholder Interface	Customers
Program	■	■	■	■	■	■	■	■	■	■	■

- Risk: Tracking risk via project and program level risk registers. Schedule may be impacted due to expedited timeline for these projects.
- LCCE: In development to be included in the approved TI LCCE.



## Upcoming Events/Milestones: (next 12 months)

- **San Diego Primary Barrier Replacement:** Waiver to be completed 7/28. **RFP Package Ready to advertise on 10/11.**
- **Calexico Primary Barrier Replacement:** PMP approval on 8/14. Waiver to be completed by 8/31. **RFP Package Ready to advertise on 8/25.**
- **Santa Teresa Primary Barrier Replacement:** Ready to complete first C-Type RFP on 8/18. Waiver to be completed by 8/31. **RFP Package Ready to advertise on 9/12.**
- **El Paso Primary Fence Replacement:** PMP approval on 8/14. **RFP Package Ready to advertise on 8/25.** Waiver to be completed 9/15.
- **Rio Grande Valley Gates:** PRD complete on 8/3. PMP approval on 8/14.

## Key Takeaways:

- Critical federal personnel gaps continue to exist impacting the ability to manage and execute these projects.
- **San Diego Primary Barrier Replacement:** PRD in process. Voluntary Rights of Entry underway. **Design Build RFP underway.**
- **Calexico Primary Barrier Replacement:** PRD completed 7/28. **Design Build RFP underway**
- **Santa Teresa Primary Barrier Replacement:** Waiver in process. Prequalification Decision Document upcoming. **Design Build RFP underway**
- **El Paso Primary Fence Replacement:** PRD completed 7/19. **Design Build RFP underway**
- **Rio Grande Valley Gates:** PRD underway. Congressional, State, and Local government engagement underway.

PAE Assessment: XXXXX

**Program Manager:** (b)(6)(b)(7)(C)

**Program Level:** 1

**Program Type:** Non-Information Technology

### Program Description:

- Prototype:** The purpose of the prototype is to allow CBP to evaluate the features of the contractor designs for potential inclusion in a border wall design standard to be developed by the government immediately following the construction and evaluation of the prototype designs.

### San Diego 14 mile secondary fence replacement\*:

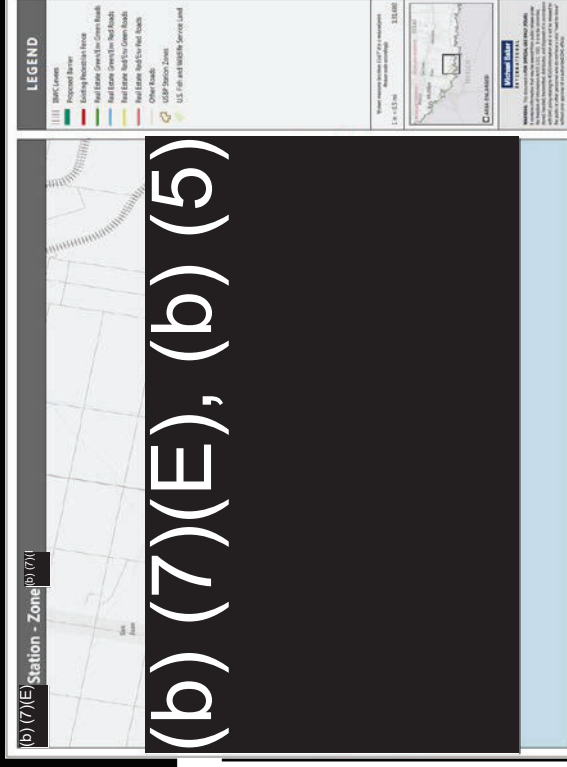
- This project involves the removal and replacement by a commercial contractor of an estimated 14 miles of existing primary pedestrian fence (PF) within the 60ft Roosevelt Reservation in the San Diego Sector, along the International Border adjacent to the City of Tijuana. The replacement PF will be comprised of bollard style fence and range in height from (b)(7)(E). (typical) to approximately (b)(7)(E) or taller.

- RGV Border Barrier System\*:** Includes 60 miles of border barrier system, 28 miles of which are along the IBWC levee. These projects will include (b)(7)(E). bollard wall and (b)(7)(E).t. enforcement zone to include sensors, cameras, lighting, and roads.

\*Part of the FY18 Presidents Budget Request, currently unfunded for construction and real estate. Requirements are currently going through ADE approval.



**Project Map: San Diego Prototype Site**



**Project Map: RGV Weslaco Station**

# Prototype & SDC 14 Mile Secondary Replacement Fence

July 26, 2017

LCCE: In Progress

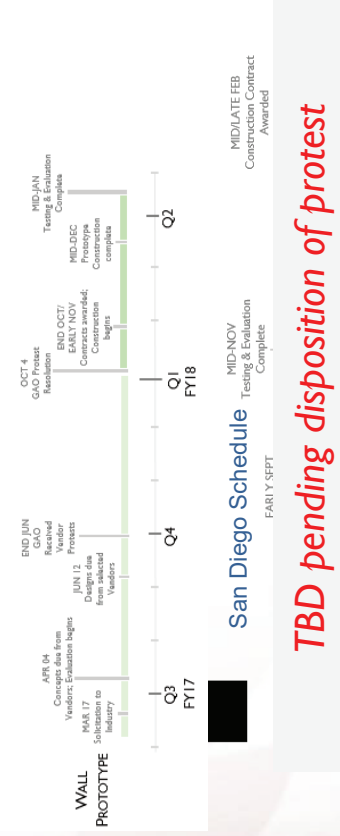
EAC In Progress

Program/Project	Staffing	Documents & Data	Funding	Budget Execution	Cost	Schedules	Performance	Risk	Technical Interface	Stakeholder Interface	Customers
Program	▢	▢	▢	▢	▢	▢	▢	▢	▢	▢	▢

- Staffing: Critical staffing gaps exist due to lack of vacancies
- Funding: Received reprogrammed funding for prototype and design standards
- Budget execution: FY18 budget is proposed
- Cost & Schedule Variance: Program is currently on track. Variance is dependent on bids and potential protests
- Technical Performance: A/E Contract is on track and budget is as planned
- Risk: Tracking risk via project and program level risk registers.
- Stakeholder: Stakeholder outreach ongoing. Includes: BWC, DOI, and Congress
- Customers: Integrated Project Teams include sector personnel and representatives from USBP HQ

## Upcoming Events/Milestones\*:

Prototype Schedule



\*Assumes funding received by October 16 and no protests

PAE Assessment: XXXXXX



# RGV Border Barrier System

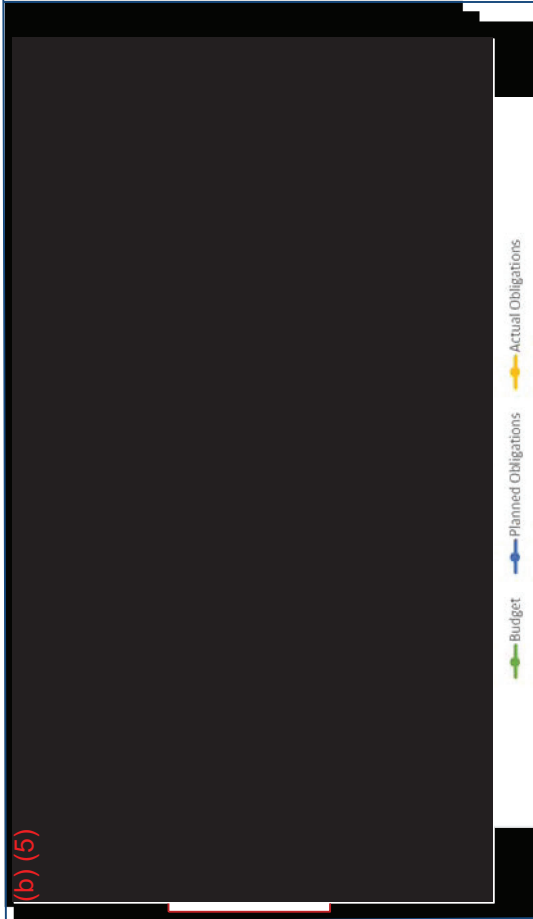
July 26, 2017

LCCE: In Progress

EAC In Progress

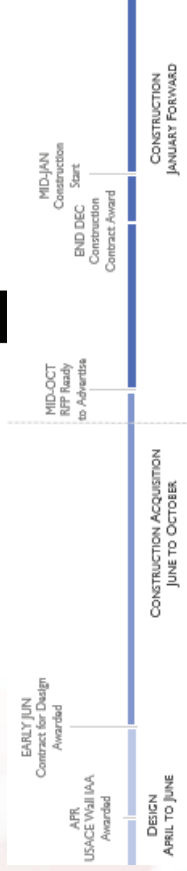
Program/Project	Staffing	Documents & Data	Funding	Budget Execution	Cost	Schedules	Performance	Risk	Technical Interface	Stakeholder Interface	Customers
Program	■	■	■	■	■	■	■	■	■	■	■

- Staffing: Critical staffing gaps exist due to lack of vacancies
- Funding: Received planning, no construction or real estate funding.
- Budget execution: FY18 budget is proposed
- Cost & Schedule Variance: Program is currently on track. Variance is dependent on bids and potential protests
- Risk: Tracking risk via project and program level risk registers
- Stakeholder: Stakeholder outreach ongoing. Includes: IBWC, DOI, and Congress
- Customers: Integrated Project Teams include sector personnel and representatives from USBP HQ



## Upcoming Events/Milestones: (next 12 months)

### First 3 Mile Project\*



\*Assumes funding received by October 16

## Key Takeaways:

- Real estate and environmental planning underway
- (b) (5)
- CBP hosted the kick-off meeting for the recently awarded architectural/engineering contract Wednesday, June 28, and included both the contractor and the US International Boundary and Water Commissioner (IBWC) who will have to review and approve designs.
- CBP hosted a meeting with FEMA/IBWC on July 5
- Protest at the Santa Ana Refuge in the Rio Grande Valley
- Geotech on 2.9 mile segment completed on July 19
- Geotech on 7.9 miles segment completed on July 22
- Boring markings on July 17. Boring locations for the rest of the 30 miles to be identified.

PAE Assessment: XXXXXX

## PROGRAM: TRIRIGA

June 16, 2017

Program Manager: (b)(6)(b)(7)(C)

Program Level: 3

Program Type: IT System

### Program Description (From INVEST):

TRIRIGA's purpose is to provide Office of Facilities and Asset Management (OFAM) personnel with integrated capabilities to manage, maintain, and coordinate funding for all CBP-owned and leased facilities and property, and the construction and leasing of new facilities. Before TRIRIGA, OFAM used multiple localized tools, which led to disparate data sets. Furthermore, these tools did not offer the Geographic Information System (GIS), environmental planning/compliance, energy management, dashboard reporting or earned value management capabilities essential to the effective management of a complex real property portfolio. CBP is responsible for over 5,000 facilities and 4,979 acres of land in the U.S. and internationally, including CBP owned and leased, General Services Administration (GSA) owned and leased, and free space agreements. This diverse real property portfolio includes ports of entry (POE), Border Patrol stations, aircraft hangers, and border security fences. The TRIRIGA system provides an enterprise-level solution with real property portfolio facilities maintenance, and project management, ad hoc reporting capability, and the ability to interface with Computer Aided Drafting (CAD) programs and GIS. TRIRIGA also provides the capability for invoice reporting, cultural resources management, self-service, and annual budget formulation.

(b)(7)(E)

PAE Assessment: XXXXX

# PROGRAM: TRIRIGA

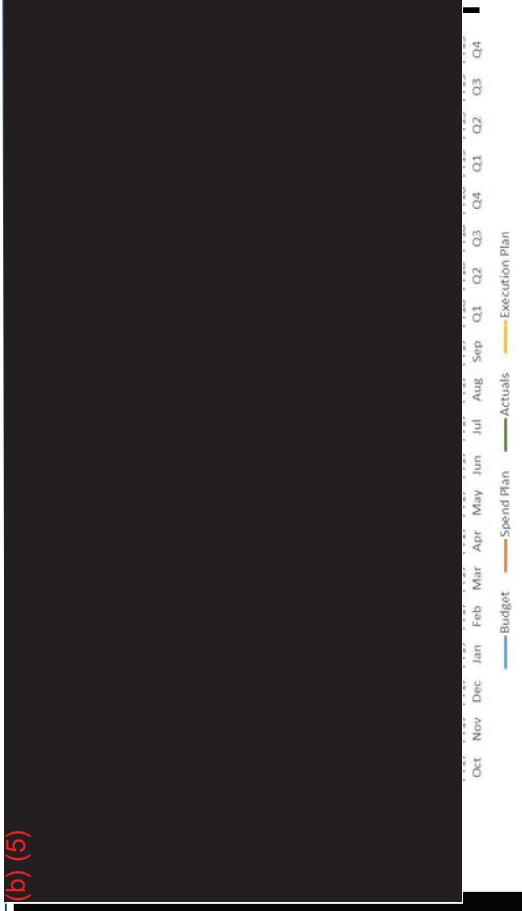
June 16, 2017

LCCE: \$186.414M

EAC: N/A

Program/Project	Staffing	Documents & Data	Funding	Budget Execution	Cost	Schedules	Technical Performance	Risk	Technical Interface	Stakeholder Interface	Customers
TRIRIGA	↑	↑	□	□	□	□	↑	□	□	□	↑

- Staffing is good, although heavily tilted to contractors
- Program Manager has been working to create and update all program documentation
- No funding shortfalls
- Budget execution is pretty stable, as most costs are staffing
- Costs are stable, although there have been some minor cost savings from OIT and data center in the past
- Schedules, for projects, are mostly on track, however the application upgrade – currently ongoing – has slipped due to OIT technical issues
- System is operating well, and improvements continue to be made for system response time. Additionally, key metrics are met monthly
- (b) (5)
- TRIRIGA has and interfaces with other systems (SAP, GSA ROW), and operate timely and effectively
- Great support from stakeholders – key business personnel – as well as OFAM AC and other senior leaders
- Customer satisfaction continues to increase year-over-year



## Upcoming Events/Milestones: (next 12 months)

Date	Milestones
June 2017	Application Upgrade 10.5 Complete
June 2017	Annual Satisfaction Survey
June 2017	Final Option Year for Support Contract
July 2017	Operational Analysis
July 2017	Integrated Logistics Support Plan Updated
June 2018	Follow-On Support Contract

## Key Takeaways:

- TRIRIGA went live in May 2012
- The TRIRIGA program works in conjunction with the OFAM user community, and OIT, to deliver robust solutions to assist CBP in its mission of defending the nation's borders.
- TRIRIGA continues to grow in its role in providing real property-related system support to OFAM and non-OFAM users.
  - Implementation of TRIRIGA self service has been a big win, as USBP users can now submit repair requests through TRIRIGA. This also increased users from approximately 400 to over 1,500.

PAE Assessment: XXXXX

Phase	Sector	Program	Project ID	Miles	Cost Est.
1A	EPT	Primary PF	EPT-A	(b) (7)(E)	(b) (5)
1A	EPT	Primary PF	EPT-B		
Phase 1A Primary Wall El Paso					
1A	SDC	Primary PF	SDC-A		
1A	SDC	Primary PF	SDC-B		
1A	SDC	Primary PF	SDC-C		
1A	SDC	Primary PF	SDC-D		
1A	SDC	Primary PF	SDC-E		
Phase 1A Primary Wall San Diego					
Phase 1A Primary Wall Total					
1A	TCA	Replacement PF	TCA-JJ		
1A	ELC	VF to PF	ELC-AA		
1A	EPT	VF to PF	EPT-GG		
Phase 1A Replacement Wall Total					
1B	RGV-A	Primary PF	O-1		
1B	RGV-B	Primary PF	O-2		
1B	RGV-C	Primary PF	O-3		
Phase 1B RGV Wall Planning Total					
Phase 1 Total					
2	BBT	Primary PF	BBT-AA		
Phase 2 Primary Wall Big Bend					
2	EPT	Primary PF	EPT-JJ		
Phase 2 Primary Wall El Paso					
2	LRT	Primary PF	LRT-AA		
2	LRT	Primary PF	LRT-BB		
2	LRT	Primary PF	LRT-CC		
2	LRT	Primary PF	LRT-DD		
2	LRT	Primary PF	LRT-EE		
2	LRT	Primary PF	LRT-GG		
2	LRT	Primary PF	LRT-HH		
2	LRT	Primary PF	LRT-II		
2	LRT	Primary PF	LRT-JJ		
2	LRT	Primary PF	LRT-KK		
Phase 2 Primary Wall Laredo					
2	RGV	Primary PF	RGV-AA		
2	RGV	Primary PF	RGV-BB		
2	RGV	Primary PF	RGV-CC		
2	RGV	Primary PF	RGV-DD		
2	RGV	Primary PF	RGV-EE		
Phase 2 Primary Wall Rio Grande Valley					
2	TCA	Primary PF	TCA-CC		
2	TCA	Primary PF	TCA-DD		
2	TCA	Primary PF	TCA-EE		
Phase 2 Primary Wall Tucson					
Phase 2 Primary Wall					

2	ELC	Secondary PF	ELC-CC
<b>Phase 2 Secondary Wall El Centro</b>			
2	EPT	Secondary PF	EPT-EE
2	EPT	Secondary PF	EPT-HH
2	EPT	Secondary PF	EPT-II
<b>Phase 2 Secondary Wall El Paso</b>			
2	LRT	Secondary PF	LRT-AA
2	LRT	Secondary PF	LRT-BB
2	LRT	Secondary PF	LRT-CC
2	LRT	Secondary PF	LRT-DD
2	LRT	Secondary PF	LRT-FF
2	LRT	Secondary PF	LRT-GG
2	LRT	Secondary PF	LRT-HH
2	LRT	Secondary PF	LRT-II
2	LRT	Secondary PF	LRT-JJ
2	LRT	Secondary PF	LRT-KK
<b>Phase 2 Secondary Wall Laredo</b>			
2	SDC	Secondary PF	SDC-BB
2	SDC	Secondary PF	SDC-CC
<b>Phase 2 Secondary Wall San Diego</b>			
2	TCA	Secondary PF	TCA-AA
2	TCA	Secondary PF	TCA-BB
<b>Phase 2 Secondary Wall Tucson</b>			
2	YUM	Secondary PF	YUM-AA
<b>Phase 2 Secondary Wall Yuma</b>			
<b>Phase 2 Secondary Wall</b>			
2	ELC	Replacement PF	ELC-CC
2	EPT	Replacement PF	EPT-EE
2	EPT	Replacement PF	EPT-HH
2	EPT	Replacement PF	(blank)
2	SDC	Replacement PF	SDC-AA
2	SDC	Replacement PF	SDC-BB
2	SDC	Replacement PF	SDC-CC
2	TCA	Replacement PF	TCA-AA
2	TCA	Replacement PF	TCA-BB
2	TCA	Replacement PF	TCA-HH
2	YUM	Replacement PF	YUM-AA
2	YUM	Replacement PF	YUM-BB
<b>Phase 2 Pedestrian Barrier to Wall</b>			
2	ELC	VF to PF	ELC-BB
<b>Phase 2 Vehicle Barrier to Wall El Centro</b>			
2	EPT	VF to PF	EPT-AA
2	EPT	VF to PF	EPT-BB
2	EPT	VF to PF	EPT-CC
2	EPT	VF to PF	EPT-DD

(b) (7)(E)

(b) (5)

2	EPT	VF to PF	EPT-EE
2	EPT	VF to PF	EPT-FF
<b>Phase 2 Vehicle Barrier to Wall El Paso</b>			
2	TCA	VF to PF	TCA-AA
2	TCA	VF to PF	TCA-BB
2	TCA	VF to PF	TCA-CC
2	TCA	VF to PF	TCA-EE
2	TCA	VF to PF	TCA-FF
2	TCA	VF to PF	TCA-GG
2	TCA	VF to PF	TCA-HH
2	TCA	VF to PF	TCA-II
<b>Phase 2 Vehicle Barrier to Wall Tucson</b>			
<b>Phase 2 Vehicle Barrier to Wall Total</b>			
<b>Phase 2 Total</b>			
3	BBT	Primary PF	TBD
3	DRT	Primary PF	TBD
3	ELC	Primary PF	TBD
3	EPT	Primary PF	TBD
3	LRT	Primary PF	TBD
3	RGV	Primary PF	TBD
3	SDC	Primary PF	TBD
3	TCA	Primary PF	TBD
3	YUM	Primary PF	TBD
3	TCA	Replacement PF	TBD
3	TCA	Secondary PF	TBD
3	TCA	VF to PF	TBD
3	YUM	VF to PF	TBD
<b>Phase 3 Total</b>			
<b>Primary Wall</b>			
<b>Secondary Wall</b>			
<b>Pedestrian Barrier to Wall Total</b>			
<b>Vehicle Barrier to Wall Total</b>			
<b>TOTAL</b>			

(b) (7)(E)

(b) (5)

[illegible]

(b) (5)

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	TBD		
Design Build, Unrestricted MATOC	TBD		Clear
Design Build, Unrestricted MATOC	TBD		Clear
	TBD		
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	TBD		



(b) (5)

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	TBD		





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Phase 1A		
Construction Type	Length	Cost Estimate
Planning and Surveys across the Southwest Border	(b) (7)(E)	(b) (5)
Vehicle Fence to Wall in El Paso		
Pedestrian Fence to Wall in Tucson		
Pedestrian Fence to Wall in El Centro		
Primary Wall in San Diego		
New Primary Wall in El Paso		
<b>TOTAL</b>		

<b>Timeline</b>
Ongoing
Construction Start: April 2017 Construction End: 3 <sup>rd</sup> Qtr. 2017
Construction Start: April 2017 Construction End: 3 <sup>rd</sup> Qtr. 2017
Construction Start: July 2017 Construction End: 1 <sup>st</sup> Qtr. 2018
Construction Start: Sept. 2017 Construction End: 2 <sup>nd</sup> Qtr. 2018
In development

Phase 1A - Immediately Planned Actions

Sector	Construction Type	Length	Cost Estimate		
		(b) (7)(E)			
EPT	Primary PF		\$	(b) (5)	
	VF to PF		\$		Constructor
SDC	Primary PF		\$		First Project
			\$		Constructor
ELC	Replacement Fence		\$		Constructor
TCA	Replacement Fence		\$		Constructor

Primary wall estimate includes construction at \$6.5M per mile, la construction cost, \$2.5M for environmental mitigation and real estate acquisitio

Phase 1B

Sector	Construction Type	Cost Estimate		
RGV	Primary PF			

Phase 2 - New

		Phase 2 - New		
Sector	Construction Type	Cost Estimate		
BBT	Primary PF	\$	(b) (5)	In developi
ELC	Secondary PF	\$		
EPT	Primary PF	\$		
	Secondary PF	\$		
LRT	Primary PF	\$		
	Secondary PF	\$		
RGV	Primary PF	\$		
SDC	Secondary PF	\$		
TCA	Primary PF	\$		
	Secondary PF	\$		
YUM	Secondary PF	\$		

Phase 2 - Replacement

Sector	Construction Type	Cost Estimate		
ELC	Replacement PF	\$	(b) (5)	
	VF to PF	\$		
EPT	Replacement PF	\$		
	VF to PF	\$		
SDC	Replacement PF	\$		
TCA	Replacement PF	\$		
	VF to PF	\$		
YUM	Replacement PF	\$		

Phase 3		
TCA	Secondary PF	(b) (7)(E)
YUM	Primary PF	(b) (5)
	VF to PF	



## Sector

### BBT - Big Bend

Primary PF  
Primary VF  
Secondary PF  
Replacement PF  
VF to PF  
**Total**

### DRT - Del Rio

Primary PF  
Primary VF  
Secondary PF  
Replacement PF  
VF to PF  
**Total**

### ELC - El Centro

Primary PF  
Primary VF  
Secondary PF  
Replacement PF  
VF to PF  
**Total**

### EPT - El Paso

Primary PF  
Primary VF  
Secondary PF  
Replacement PF  
VF to PF  
**Total**

### LRT - Laredo

Primary PF  
Primary VF  
Secondary PF  
Replacement PF  
VF to PF  
**Total**

### RGV - Rio Grande Valley

Primary PF  
Primary VF  
Secondary PF

Phase 1   Phase 1B   Phase 2 New   **Phase 2**  
Replacement   Phase 3

(b) (7)(E)

**SDC - San Diego**

Replacement PF  
VF to PF  
**Total**

Primary PF  
Primary VF  
Secondary PF  
Replacement PF  
VF to PF  
**Total**

**TCA - Tuscon**

Primary PF  
Primary VF  
Secondary PF  
Replacement PF  
VF to PF  
**Total**

**YUM - Yuma**

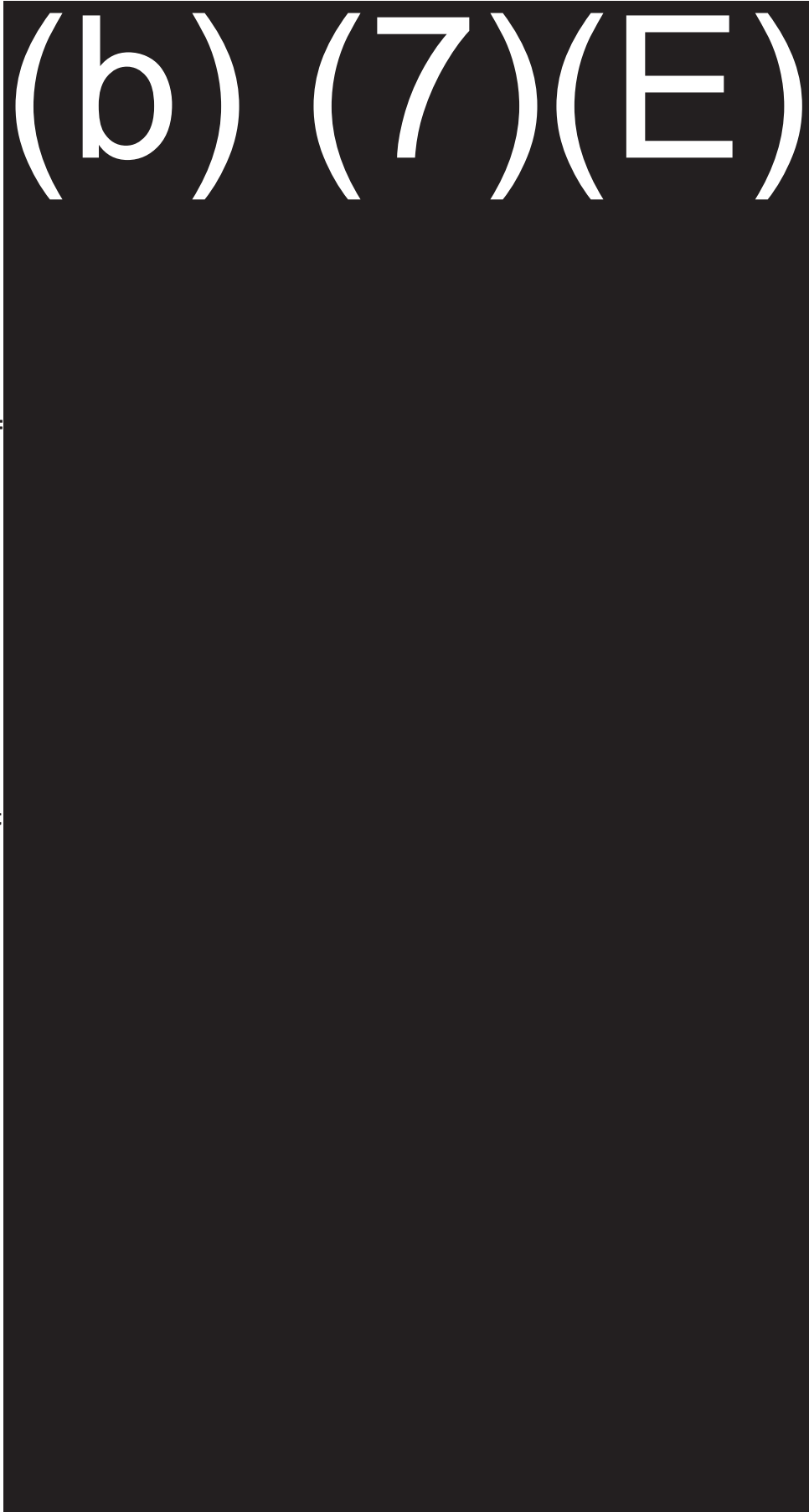
Primary PF  
Primary VF  
Secondary PF  
Replacement PF  
VF to PF  
**Total**



Phase 2

**Primary PF**

BBT  
DRT  
ELC  
EPT  
LRT  
RGV  
SDC  
TCA  
YUM  
**Total**



**Secondary PF**

BBT  
DRT  
ELC  
EPT  
LRT  
RGV  
SDC  
TCA  
YUM  
**Total**

**Replacement**

BBT  
DRT  
ELC  
EPT  
LRT  
RGV  
SDC  
TCA  
YUM  
**Total**

**VF to PF**

BBT  
DRT  
ELC  
EPT  
LRT  
RGV  
SDC  
TCA

YUM  
Total

(b) (7)(E)

Border	Southern
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Sum of Length_Miles	Column Labels				
Row Labels	Phase 1	Phase 1B	Phase 2 New	Phase 2 Replacement	Phase 3
<b>BBT</b>	<div>(b)(7)(E)</div>				
Primary PF					
<b>DRT</b>					
Primary PF					
<b>ELC</b>					
Primary PF					
Secondary PF					
Replacement PF					
VF to PF					
<b>EPT</b>					
Primary PF					
Secondary PF					
Replacement PF					
VF to PF					
<b>LRT</b>					
Primary PF					
Secondary PF					
<b>RGV</b>					
Primary PF					
<b>SDC</b>					
Primary PF					
Secondary PF					
Replacement PF					
<b>TCA</b>					
Primary PF					
Secondary PF					
Replacement PF					
VF to PF					
<b>YUM</b>					
Primary PF					
Secondary PF					
Replacement PF					
VF to PF					
<b>Grand Total</b>					

Border	Southern
--------	----------

Grand Total	Sum of Length_Miles	Column Labels		
	Row Labels	Phase 1	Phase 1B	Phase 2 New
(b) (7)(E)	<b>Primary PF</b>	(b) (7)(E)		
	BBT			
	DRT			
	ELC			
	EPT			
	LRT			
	RGV			
	SDC			
	TCA			
	YUM			
	<b>Secondary PF</b>			
	ELC			
	EPT			
	LRT			
	SDC			
	TCA			
	YUM			
	<b>Replacement PF</b>			
	ELC			
	EPT			
	SDC			
	TCA			
	YUM			
	<b>VF to PF</b>			
	ELC			
	EPT			
	TCA			
	YUM			
	<b>Grand Total</b>			

	Phase 2 Replacement	Phase 3	Grand Total
Number of units	60	70	130
Cost per unit (\$)	\$180,000	\$200,000	\$190,000
Total cost (\$)	\$10,800,000	\$14,000,000	\$24,800,000

### Sum of Length\_Miles

### Row Labels

BBT

BLW

DRT

ELC

EPT

HVM

HLT

LRT

RGV

SDC

SPW

SWB

TCA

YUM

Grand Total

## C++ new

## C++ replc

## Execution\_Phase

### Row Labels

BBT

BBT-AA

**ELC**

ELC-AA

ELC-BB

SDC

SDC-A

SDC-AA

SDC-B

SDC-BB

SDC-C

SDC-CC

SDC-D

SDC-E

**EPT**

EPT-A  
EPT-AA  
EPT-B  
EPT-BB  
EPT-CC  
EPT-DD  
EPT-EE  
EPT-FF  
EPT-GG  
EPT-HH  
EPT-II  
EPT-JJ

**LRT**

---

LRT-AA  
LRT-BB  
LRT-CC  
LRT-DD  
LRT-EE  
LRT-FF  
LRT-GG  
LRT-HH  
LRT-II  
LRT-JJ  
LRT-KK

**RGV**

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RGV-A  
RGV-AA  
RGV-B  
RGV-BB  
RGV-C  
RGV-CC  
RGV-DD  
RGV-EE

**TCA**

---

TCA-AA  
TCA-BB  
TCA-CC  
TCA-DD  
TCA-EE  
TCA-FF  
TCA-GG  
TCA-HH

**YUM**

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YUM-AA  
YUM-BB

**Grand Total**



Column Labels

Primary PF      Primary VF    Secondary PF    Replacement PF    VF to PF    Grand Total

(b) (7)(E)

(b) (7)(E)

(Multiple Items)

Sum of Length\_Miles

(b) (7)(E)

(b) (7)(E)



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BW8 FOIA CBP 002051

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0 Northern	Primary PF	Constrained ++	Northern	Unconstrained
0 Northern	Primary PF	Constrained ++	Northern	Unconstrained
0 Northern	Primary VF	Constrained ++	Northern	Unconstrained
0 Northern	Primary VF	Constrained ++	Northern	Unconstrained
2 Southern	VF to PF	Constrained +	Phase 2 Replacement	C+
2 Southern	VF to PF	Constrained +	Phase 2 Replacement	C+
2 Southern	VF to PF	Constrained +	Phase 2 Replacement	C+
2 Southern	VF to PF	Constrained +	Phase 2 Replacement	C+
2 Southern	VF to PF	Constrained +	Phase 2 Replacement	C+
2 Southern	VF to PF	Constrained +	Phase 2 Replacement	C+
2 Southern	VF to PF	Constrained +	Phase 2 Replacement	C+
2 Southern	VF to PF	Constrained +	Phase 2 Replacement	C+
2 Southern	Replacement PF	OMB	Phase 2 Replacement	Constrained
2 Southern	Replacement PF	OMB	Phase 2 Replacement	Constrained
2 Southern	Replacement PF	OMB	Phase 2 Replacement	Constrained
2 Southern	VF to PF	Constrained +	Phase 2 Replacement	C+
2 Southern	VF to PF	Constrained +	Phase 2 Replacement	C+
2 Southern	Replacement PF	OMB	Phase 2 Replacement	Constrained
2 Southern	Secondary PF	Constrained +	Phase 2 New	C+
2 Southern	Secondary PF	Constrained +	Phase 2 New	C+
2 Southern	Secondary PF	Constrained +	Phase 2 New	C+
2 Southern	Secondary PF	Constrained +	Phase 3	C+
2 Southern	Secondary PF	Constrained +	Phase 2 New	C+
2 Southern	VF to PF	Constrained +	Phase 2 Replacement	C+
2 Southern	VF to PF	Constrained +	Phase 2 Replacement	C+
2 Southern	Secondary PF	Constrained ++	Phase 3	Unconstrained
2 Southern	VF to PF	Constrained ++	Phase 3	Unconstrained
2 Southern	VF to PF	Constrained ++	Phase 3	Unconstrained
2 Southern	VF to PF	Constrained ++	Phase 3	Unconstrained
2 Southern	VF to PF	Constrained ++	Phase 3	Unconstrained
2 Southern	VF to PF	Constrained ++	Phase 3	Unconstrained
2 Southern	Primary PF	Constrained +	Phase 2 New	C+
2 Southern	VF to PF	OMB	Phase 2 Replacement	OMB/C+
2 Southern	Secondary PF	Constrained ++	Phase 3	Unconstrained
2 Southern	Primary PF	OMB	Phase 2 New	OMB/C+
2 Southern	VF to PF	Constrained +	Phase 2 Replacement	C+
2 Southern	Primary PF	Constrained +	Phase 2 New	C+
2 Southern	Primary PF	Constrained +	Phase 2 New	C+
2 Southern	Primary PF	OMB	Phase 2 New	OMB/C+
2 Southern	VF to PF	OMB	Phase 2 Replacement	OMB/C+
2 Southern	Primary PF	OMB	Phase 2 New	OMB/C+
2 Southern	VF to PF	OMB	Phase 2 Replacement	OMB/C+
2 Southern	VF to PF	OMB	Phase 2 Replacement	OMB/C+
2 Southern	Primary PF	Constrained ++	Phase 3	Unconstrained
2 Southern	Primary PF	Constrained ++	Phase 3	Unconstrained
2 Southern	Primary PF	Constrained ++	Phase 3	Unconstrained
2 Southern	Primary PF	Constrained ++	Phase 3	Unconstrained



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Sector	Fence_ID	Project_ID	Fence_Proj	Length	Mil	Lat	Start	Long	Start	Lat	End	Long	End
BBT			UNBUILD										
BBT			UNBUILD										
BBT			UNBUILD										
BBT			UNBUILD										
BBT			UNBUILD										
BBT	BBT-01	BBT-AA	Unconst. P										
BBT	BBT-01	BBT-AA	PF Primary										
BBT	BBT-01	BBT-AA	PF Primary										
BBT	BBT-01	BBT-AA	Unconst. P										
BBT	BBT-02	BBT-AA	Unconst. P										
BBT	BBT-100		PF Primary										
BBT	BBT-101		PF Primary										
BBT	BBT-102		PF Primary										
BBT	BBT-103		PF Primary										
BBT	BBT-104		PF Primary										
BBT	BBT-105		PF Primary										
BBT	BBT-106		PF Primary										
BBT	BBT-107		PF Primary										
BBT	BBT-108		PF Primary										
BBT	BBT-109		PF Primary										
BLW	BLW-01		PF Primary										
BLW	BLW-02		PF Primary										
BLW	BLW-03		PF Primary										
DRT	DRT-100		PF Primary										
DRT	DRT-101		PF Primary										
DRT	DRT-102		PF Primary										
DRT	DRT-103		PF Primary										
DRT	DRT-104		PF Primary										
DRT	DRT-105		PF Primary										
ELC	ELC-02	ELC-AA	VF to PF										
ELC	ELC-02a	ELC-BB	VF to PF										
ELC	ELC-02a	ELC-BB	VF to PF										
ELC	ELC-02a	ELC-BB	VF to PF										
ELC	ELC-03	ELC-CC	PF Replace										
ELC	ELC-03	ELC-CC	PF Replace										
ELC	ELC-03	ELC-CC	PF Replace										
ELC	ELC-03	ELC-CC	PF Replace										
ELC	ELC-03	ELC-CC	PF Replace										
ELC	ELC-03	ELC-CC	PF Replace										
ELC	ELC-03	ELC-CC	PF Replace										
ELC	ELC-03	ELC-CC	PF Replace										
ELC	ELC-03	ELC-CC	PF Replace										
ELC	ELC-03	ELC-CC	PF Replace										
ELC	ELC-03	ELC-CC	PF Replace										
ELC	ELC-03	ELC-CC	PF Replace										
ELC	ELC-03	ELC-CC	PF Replace										
ELC	ELC-03	ELC-CC	PF Replace										
ELC	ELC-03	ELC-CC	PF Replace										
ELC	ELC-03	ELC-CC	PF Replace										

(b) (7)(E)

[illegible]

ELC	ELC-07	ELC-CC	PF Replace
ELC	ELC-07	ELC-CC	PF Replace
ELC	ELC-100		PF Primary
ELC	ELC-101		PF Primary
EPT	EPT-01	EPT-A	PF Primary
EPT	EPT-01	EPT-A	PF Primary
EPT	EPT-02	EPT-AA	VF to PF
EPT	EPT-02	EPT-AA	VF to PF
EPT	EPT-02	EPT-AA	VF to PF
EPT	EPT-02	EPT-AA	VF to PF
EPT	EPT-02	EPT-AA	VF to PF
EPT	EPT-04	EPT-BB	VF to PF
EPT	EPT-04	EPT-BB	VF to PF
EPT	EPT-04	EPT-BB	VF to PF
EPT	EPT-04	EPT-BB	VF to PF
EPT	EPT-04	EPT-BB	VF to PF
EPT	EPT-04	EPT-BB	VF to PF
EPT	EPT-06	EPT-CC	VF to PF
EPT	EPT-06	EPT-CC	VF to PF
EPT	EPT-06	EPT-CC	VF to PF
EPT	EPT-06	EPT-CC	VF to PF
EPT	EPT-10	EPT-DD	VF to PF
EPT	EPT-10	EPT-DD	VF to PF
EPT	EPT-10	EPT-DD	VF to PF
EPT	EPT-100		PF Primary
EPT	EPT-101		PF Primary
EPT	EPT-102		PF Primary
EPT	EPT-103		PF Primary
EPT	EPT-104		PF Primary
EPT	EPT-105		PF Primary
EPT	EPT-106		PF Primary
EPT	EPT-12	EPT-DD	VF to PF
EPT	EPT-12	EPT-DD	VF to PF
EPT	EPT-12	EPT-DD	VF to PF
EPT	EPT-12	EPT-DD	VF to PF
EPT	EPT-12	EPT-DD	VF to PF
EPT	EPT-14	EPT-EE	VF to PF
EPT	EPT-14	EPT-EE	VF to PF
EPT	EPT-14	EPT-EE	VF to PF
EPT	EPT-14	EPT-EE	VF to PF
EPT	EPT-14	EPT-EE	VF to PF
EPT	EPT-15	EPT-EE	PF Replace
EPT	EPT-15	EPT-EE	PF Replace
EPT	EPT-15	EPT-EE	PF Replace
EPT	EPT-15a	EPT-EE	PF Second
EPT	EPT-15a	EPT-EE	PF Second
EPT	EPT-15a	EPT-EE	PF Second
EPT	EPT-16	EPT-FF	VF to PF

(b) (7)(E)

[illegible]

[illegible]

[illegible]

[illegible]

EPT	EPT-24	EPT-JJ	PF Primary
EPT	EPT-24	EPT-JJ	PF Primary
EPT	EPT-24	EPT-JJ	PF Primary
EPT	EPT-24	EPT-JJ	PF Primary
EPT	EPT-24	EPT-JJ	PF Primary
EPT	EPT-24	EPT-JJ	PF Primary
EPT	EPT-24	EPT-JJ	PF Primary
EPT	EPT-24	EPT-JJ	PF Primary
EPT	EPT-24	EPT-JJ	PF Primary
EPT	EPT-24	EPT-JJ	PF Primary
EPT	EPT-24	EPT-JJ	PF Primary
EPT	EPT-24	EPT-JJ	PF Primary
EPT	EPT-24	EPT-JJ	PF Primary
EPT	EPT-24	EPT-JJ	PF Primary
EPT	EPT-24	EPT-JJ	PF Primary
EPT	EPT-24	EPT-JJ	PF Primary
EPT	EPT-24	EPT-JJ	PF Primary
EPT	EPT-24	EPT-JJ	PF Primary
EPT	EPT-24	EPT-JJ	PF Primary
EPT	EPT-24	EPT-JJ	PF Primary
EPT	EPT-24	EPT-JJ	PF Primary
EPT	EPT-24	EPT-JJ	PF Primary
EPT	EPT-24	EPT-JJ	PF Primary
EPT	EPT-24	EPT-JJ	PF Primary
EPT	EPT-24	EPT-JJ	PF Primary
EPT	EPT-24	EPT-JJ	PF Primary
EPT	EPT-24	EPT-JJ	PF Primary
EPT	EPT-24	EPT-JJ	PF Primary
EPT	EPT-24	EPT-JJ	PF Primary
EPT	EPT-24	EPT-JJ	PF Primary
EPT	EPT-24	EPT-JJ	PF Primary
EPT	EPT-24	EPT-JJ	PF Primary
EPT	EPT-24	EPT-JJ	PF Primary
EPT	EPT-24	EPT-JJ	PF Primary
EPT	EPT-24	EPT-JJ	PF Primary
EPT	EPT-24	EPT-JJ	PF Primary
EPT	EPT-24	EPT-JJ	PF Primary
EPT	EPT-24	EPT-JJ	PF Primary
EPT	EPT-24	EPT-JJ	PF Primary
EPT	EPT-24	EPT-JJ	PF Primary
EPT	EPT-24	EPT-JJ	PF Primary
EPT	EPT-24	EPT-JJ	PF Primary
EPT	EPT-24	EPT-JJ	PF Primary
EPT	EPT-24	EPT-JJ	PF Primary
HLT	HLT-01		VF Primary
HLT	HLT-02		VF Primary
HLT	HLT-03		VF Primary
HLT	HLT-04		VF Primary
HLT	HLT-05		VF Primary
HLT	HLT-06		VF Primary
HLT	HLT-07		VF Primary
HLT	HLT-08		VF Primary

(b) (7)(E)



HLT	HLT-09		VF Primar
HLT	HLT-10		VF Primar
HLT	HLT-11		VF Primar
HLT	HLT-12		VF Primar
HLT	HLT-13		VF Primar
HLT	HLT-14		VF Primar
HLT	HLT-15		VF Primar
HLT	HLT-16		VF Primar
HLT	HLT-17		VF Primar
HLT	HLT-18		VF Primar
HLT	HLT-19		VF Primar
HLT	HLT-20		VF Primar
HLT	HLT-21		VF Primar
HLT	HLT-22		VF Primar
HLT	HLT-23		VF Primar
HLT	HLT-24		VF Primar
HLT	HLT-25		VF Primar
HLT	HLT-26		VF Primar
HLT	HLT-27		VF Primar
HLT	HLT-28		VF Primar
HLT	HLT-29		VF Primar
HLT	HLT-30		VF Primar
HLT	HLT-31		VF Primar
HLT	HLT-32		VF Primar
HLT	HLT-33		VF Primar
HLT	HLT-34		VF Primar
HLT	HLT-35		VF Primar
HLT	HLT-36		VF Primar
HVM	HVM-01		PF Primary
HVM	HVM-02		PF Primary
HVM	HVM-03		VF Primar
HVM	HVM-04		PF Primary
HVM	HVM-05		VF Primar
HVM	HVM-06		PF Primary
HVM	HVM-07		VF Primar
HVM	HVM-08		PF Primary
HVM	HVM-09		VF Primar
HVM	HVM-10		PF Primary
HVM	HVM-11		VF Primar
HVM	HVM-12		PF Primary
HVM	HVM-13		VF Primar
HVM	HVM-14		PF Primary
HVM	HVM-15		VF Primar
HVM	HVM-16		PF Primary
HVM	HVM-17		VF Primar
HVM	HVM-18		PF Primary
HVM	HVM-19		PF Primary

(b) (7)(E)

HVM	HVM-20		VF Primary
HVM	HVM-21		PF Primary
HVM	HVM-22		VF Primary
HVM	HVM-23		PF Primary
HVM	HVM-24		PF Primary
HVM	HVM-25		PF Primary
HVM	HVM-26		VF Primary
HVM	HVM-27		PF Primary
HVM	HVM-28		VF Primary
HVM	HVM-29		PF Primary
HVM	HVM-30		VF Primary
HVM	HVM-31		PF Primary
HVM	HVM-32		VF Primary
HVM	HVM-33		PF Primary
HVM	HVM-34		VF Primary
HVM	HVM-35		PF Primary
HVM	HVM-36		VF Primary
HVM	HVM-37		PF Primary
HVM	HVM-38		VF Primary
HVM	HVM-39		PF Primary
HVM	HVM-40		VF Primary
HVM	HVM-41		PF Primary
HVM	HVM-42		VF Primary
HVM	HVM-43		PF Primary
HVM	HVM-44		VF Primary
LRT	LRT-01	LRT-AA	PF Primary
LRT	LRT-02	LRT-AA	PF Second
LRT	LRT-03	LRT-BB	PF Primary
LRT	LRT-04	LRT-BB	PF Second
LRT	LRT-05	LRT-CC	PF Primary
LRT	LRT-06	LRT-CC	PF Second
LRT	LRT-06	LRT-CC	PF Second
LRT	LRT-07	LRT-DD	PF Primary
LRT	LRT-07	LRT-DD	PF Primary
LRT	LRT-07	LRT-DD	PF Primary
LRT	LRT-07	LRT-DD	PF Primary
LRT	LRT-07	LRT-DD	PF Primary
LRT	LRT-08	LRT-DD	PF Second
LRT	LRT-08	LRT-DD	PF Second
LRT	LRT-08	LRT-DD	PF Second
LRT	LRT-08	LRT-DD	PF Second
LRT	LRT-08	LRT-DD	PF Second
LRT	LRT-09	LRT-EE	PF Primary
LRT	LRT-10	LRT-FF	PF Second
LRT	LRT-100		PF Primary
LRT	LRT-101		PF Primary
LRT	LRT-102		PF Primary

(b) (7)(E)

LRT	LRT-103		PF Primary
LRT	LRT-104		PF Primary
LRT	LRT-11	LRT-GG	PF Primary
LRT	LRT-12	LRT-GG	PF Seconda
LRT	LRT-13	LRT-HH	PF Primary
LRT	LRT-14	LRT-HH	PF Seconda
LRT	LRT-15	LRT-II	PF Primary
LRT	LRT-16	LRT-II	PF Seconda
LRT	LRT-17	LRT-JJ	PF Primary
LRT	LRT-17	LRT-JJ	PF Primary
LRT	LRT-18	LRT-JJ	PF Seconda
LRT	LRT-18	LRT-JJ	PF Seconda
LRT	LRT-19	LRT-KK	PF Primary
LRT	LRT-20	LRT-KK	PF Seconda
RGV	RGV-01	RGV-A	PF Primary
RGV	RGV-01	RGV-A	PF Primary
RGV	RGV-02	RGV-A	PF Primary
RGV	RGV-02	RGV-A	PF Primary
RGV	RGV-04	RGV-B	PF Primary
RGV	RGV-05	RGV-B	PF Primary
RGV	RGV-05	RGV-B	PF Primary
RGV	RGV-08	RGV-C	PF Primary
RGV	RGV-08	RGV-C	PF Primary
RGV	RGV-10		PF Primary
RGV	RGV-10		PF Primary
RGV	RGV-10		PF Primary
RGV	RGV-10		PF Primary
RGV	RGV-10		PF Primary
RGV	RGV-10		PF Primary
RGV	RGV-10		PF Primary
RGV	RGV-10		PF Primary
RGV	RGV-10		PF Primary
RGV	RGV-10		PF Primary
RGV	RGV-10		PF Primary
RGV	RGV-10		PF Primary
RGV	RGV-10		PF Primary
RGV	RGV-10		PF Primary
RGV	RGV-10		PF Primary
RGV	RGV-10		PF Primary
RGV	RGV-10		PF Primary
RGV	RGV-10		PF Primary
RGV	RGV-100		PF Primary
RGV	RGV-101		PF Primary
RGV	RGV-102		PF Primary
RGV	RGV-103		PF Primary
RGV	RGV-104		PF Primary
RGV	RGV-105		PF Primary
RGV	RGV-106		PF Primary

(b) (7)(E)

RGV	RGV-107		PF Primary
RGV	RGV-108		PF Primary
RGV	RGV-109		PF Primary
RGV	RGV-11		PF Primary
RGV	RGV-11		PF Primary
RGV	RGV-11		PF Primary
RGV	RGV-11		PF Primary
RGV	RGV-11		PF Primary
RGV	RGV-11		PF Primary
RGV	RGV-111		PF Primary
RGV	RGV-112		PF Primary
RGV	RGV-113		PF Primary
RGV	RGV-114		PF Primary
RGV	RGV-115		PF Primary
RGV	RGV-116		PF Primary
RGV	RGV-117		PF Primary
RGV	RGV-118		PF Primary
RGV	RGV-119		PF Primary
RGV	RGV-12		PF Primary
RGV	RGV-12		PF Primary
RGV	RGV-12		PF Primary
RGV	RGV-12		PF Primary
RGV	RGV-12		PF Primary
RGV	RGV-12		PF Primary
RGV	RGV-12		PF Primary
RGV	RGV-12		PF Primary
RGV	RGV-12		PF Primary
RGV	RGV-12		PF Primary
RGV	RGV-12		PF Primary
RGV	RGV-12		PF Primary
RGV	RGV-12		PF Primary
RGV	RGV-12		PF Primary
RGV	RGV-12		PF Primary
RGV	RGV-12		PF Primary
RGV	RGV-12		PF Primary
RGV	RGV-12		PF Primary
RGV	RGV-12		PF Primary
RGV	RGV-12		PF Primary
RGV	RGV-12		PF Primary
RGV	RGV-12		PF Primary
RGV	RGV-12		PF Primary
RGV	RGV-12		PF Primary
RGV	RGV-12		PF Primary
RGV	RGV-12		PF Primary
RGV	RGV-12		PF Primary
RGV	RGV-12		PF Primary
RGV	RGV-12		PF Primary
RGV	RGV-12		PF Primary
RGV	RGV-12		PF Primary
RGV	RGV-12		PF Primary
RGV	RGV-12		PF Primary
RGV	RGV-120		PF Primary
RGV	RGV-14	RGV-AA	PF Primary
RGV	RGV-15	RGV-AA	PF Primary
RGV	RGV-15	RGV-AA	PF Primary
RGV	RGV-15	RGV-AA	PF Primary
RGV	RGV-15	RGV-AA	PF Primary

(b) (7)(E)

[illegible]

[illegible]

[illegible]

[illegible]



SDC	SDC-07	SDC-BB	PF Replace
SDC	SDC-08	SDC-BB	PF Replace
SDC	SDC-08	SDC-BB	PF Replace
SDC	SDC-08A	SDC-B	PF Primary
SDC	SDC-10	SDC-BB	PF Second
SDC	SDC-10	SDC-BB	PF Second
SDC	SDC-10	SDC-BB	PF Second
SDC	SDC-10	SDC-BB	PF Second
SDC	SDC-100		PF Primary
SDC	SDC-101		PF Primary
SDC	SDC-102		PF Primary
SDC	SDC-103		PF Primary
SDC	SDC-11	SDC-BB	PF Second
SDC	SDC-11	SDC-BB	PF Second
SDC	SDC-11	SDC-BB	PF Second
SDC	SDC-11	SDC-BB	PF Second
SDC	SDC-12	SDC-B	PF Primary
SDC	SDC-13	SDC-BB	PF Replace
SDC	SDC-14	SDC-B	PF Primary
SDC	SDC-14	SDC-B	PF Primary
SDC	SDC-14	SDC-B	PF Primary
SDC	SDC-15	SDC-BB	PF Second
SDC	SDC-16	SDC-BB	PF Replace
SDC	SDC-17	SDC-B	PF Primary
SDC	SDC-18	SDC-BB	PF Replace
SDC	SDC-19	SDC-B	PF Primary
SDC	SDC-20	SDC-BB	PF Replace
SDC	SDC-21	SDC-B	PF Primary
SDC	SDC-22	SDC-BB	PF Replace
SDC	SDC-22	SDC-BB	PF Replace
SDC	SDC-22	SDC-BB	PF Replace
SDC	SDC-22	SDC-BB	PF Replace
SDC	SDC-22	SDC-BB	PF Replace
SDC	SDC-22A	SDC-B	PF Primary
SDC	SDC-22A	SDC-B	PF Primary
SDC	SDC-22A	SDC-B	PF Primary
SDC	SDC-23	SDC-CC	PF Replace
SDC	SDC-24	SDC-CC	PF Replace
SDC	SDC-25	SDC-C	PF Primary
SDC	SDC-26	SDC-CC	PF Replace
SDC	SDC-27	SDC-CC	PF Replace
SDC	SDC-28	SDC-CC	PF Replace
SDC	SDC-28	SDC-CC	PF Replace
SDC	SDC-29	SDC-D	PF Primary
SDC	SDC-29	SDC-D	PF Primary
SDC	SDC-30	SDC-CC	PF Replace
SDC	SDC-30	SDC-CC	PF Replace

(b) (7)(E)

SDC	SDC-31	SDC-D	PF Primary
SDC	SDC-32	SDC-CC	PF Replace
SDC	SDC-33	SDC-E	PF Primary
SDC	SDC-34	SDC-E	PF Primary
SDC	SDC-35	SDC-CC	PF Seconda
SDC	SDC-35	SDC-CC	PF Seconda
SDC	SDC-35	SDC-CC	PF Seconda
SDC	SDC-35	SDC-CC	PF Seconda
SDC	SDC-35	SDC-CC	PF Seconda
SDC	SDC-35	SDC-CC	PF Seconda
SDC	SDC-35	SDC-CC	PF Seconda
SDC	SDC-35	SDC-CC	PF Seconda
SDC	SDC-35	SDC-CC	PF Seconda
SDC	SDC-35	SDC-CC	PF Seconda
SDC	SDC-35	SDC-CC	PF Seconda
SDC	SDC-35	SDC-CC	PF Seconda
SDC	SDC-35	SDC-CC	PF Seconda
SDC	SDC-35	SDC-CC	PF Seconda
SDC	SDC-35	SDC-CC	PF Seconda
SDC	SDC-35	SDC-CC	PF Seconda
SDC	SDC-35	SDC-CC	PF Seconda
SDC	SDC-35	SDC-CC	PF Seconda
SDC	SDC-35	SDC-CC	PF Seconda
SDC	SDC-36	SDC-E	PF Primary
SPW	SPW-01		PF Primary
SPW	SPW-02		PF Primary
SPW	SPW-03		PF Primary
SPW	SPW-04		PF Primary
SPW	SPW-05		PF Primary
SPW	SPW-06		PF Primary
SPW	SPW-07		PF Seconda
SPW	SPW-08		PF Primary
SPW	SPW-09		PF Seconda
SPW	SPW-10		PF Primary
SPW	SPW-11		PF Primary
SPW	SPW-12		PF Primary
SPW	SPW-13		VF Primary
SPW	SPW-14		PF Primary
SPW	SPW-15		PF Primary
SPW	SPW-16		VF Primary
SPW	SPW-17		VF Primary
SPW	SPW-18		PF Primary
SPW	SPW-19		PF Primary
SPW	SPW-20		PF Primary
SPW	SPW-21		VF Primary
SPW	SPW-22		VF Primary
SPW	SPW-23		PF Primary
SPW	SPW-24		PF Primary
SPW	SPW-25		PF Primary
SPW	SPW-26		PF Primary
SPW	SPW-27		VF Primary

(b) (7)(E)

SPW	SPW-28		VF Primary
SPW	SPW-29		VF Primary
SPW	SPW-30		PF Primary
SPW	SPW-31		PF Primary
SPW	SPW-32		VF Primary
SPW	SPW-33		VF Primary
SPW	SPW-34		PF Primary
SPW	SPW-35		PF Primary
SPW	SPW-36		PF Primary
SPW	SPW-37		PF Primary
SPW	SPW-38		PF Primary
SPW	SPW-39		PF Primary
SWB	SWB-01		PF Primary
SWB	SWB-02		PF Primary
SWB	SWB-03		PF Primary
SWB	SWB-04		PF Primary
SWB	SWB-05		PF Primary
SWB	SWB-06		PF Primary
SWB	SWB-07		VF Primary
SWB	SWB-08		PF Primary
SWB	SWB-09		VF Primary
SWB	SWB-09		VF Primary
SWB	SWB-09		VF Primary
SWB	SWB-10		VF Primary
SWB	SWB-11		VF Primary
SWB	SWB-12		VF Primary
SWB	SWB-13		VF Primary
SWB	SWB-14		VF Primary
SWB	SWB-15		VF Primary
SWB	SWB-16		PF Primary
SWB	SWB-17		PF Primary
SWB	SWB-18		PF Primary
SWB	SWB-20		PF Primary
SWB	SWB-21		VF Primary
SWB	SWB-22		VF Primary
SWB	SWB-23		VF Primary
SWB	SWB-24		VF Primary
SWB	SWB-25		VF Primary
SWB	SWB-26		PF Primary
SWB	SWB-27		PF Primary
SWB	SWB-28		PF Primary
SWB	SWB-29		VF Primary
SWB	SWB-31		PF Primary
SWB	SWB-32		VF Primary
SWB	SWB-33		VF Primary
SWB	SWB-35		PF Primary
SWB	SWB-37		PF Primary

(b) (7)(E)

SWB	SWB-38		PF Primary
SWB	SWB-39		PF Primary
SWB	SWB-40		VF Primary
SWB	SWB-41		VF Primary
TCA	TCA-01	TCA-AA	VF to PF
TCA	TCA-02	TCA-AA	VF to PF
TCA	TCA-02	TCA-AA	VF to PF
TCA	TCA-02	TCA-AA	VF to PF
TCA	TCA-02A	TCA-AA	VF to PF
TCA	TCA-03	TCA-AA	VF to PF
TCA	TCA-03	TCA-AA	VF to PF
TCA	TCA-03	TCA-AA	VF to PF
TCA	TCA-04	TCA-BB	PF Replace
TCA	TCA-04	TCA-BB	PF Replace
TCA	TCA-04	TCA-BB	PF Replace
TCA	TCA-04a	TCA-AA	VF to PF
TCA	TCA-04b	TCA-BB	VF to PF
TCA	TCA-04c	TCA-AA	PF Replace
TCA	TCA-05	TCA-BB	PF Seconda
TCA	TCA-05	TCA-BB	PF Seconda
TCA	TCA-05	TCA-BB	PF Seconda
TCA	TCA-05		PF Seconda
TCA	TCA-05a	TCA-AA	PF Seconda
TCA	TCA-06	TCA-BB	VF to PF
TCA	TCA-06	TCA-BB	VF to PF
TCA	TCA-06A		PF Seconda
TCA	TCA-06B		VF to PF
TCA	TCA-06D		VF to PF
TCA	TCA-06F		VF to PF
TCA	TCA-06H		VF to PF
TCA	TCA-06J		VF to PF
TCA	TCA-07	TCA-CC	Unconst. P
TCA	TCA-07A	TCA-CC	VF to PF
TCA	TCA-07A		PF Seconda
TCA	TCA-07B	TCA-CC	PF Primary
TCA	TCA-08	TCA-CC	VF to PF
TCA	TCA-09	TCA-CC	PF Primary
TCA	TCA-09	TCA-CC	Unconst. P
TCA	TCA-09A	TCA-CC	PF Primary
TCA	TCA-09B	TCA-CC	VF to PF
TCA	TCA-09C	TCA-CC	PF Primary
TCA	TCA-09D	TCA-CC	VF to PF
TCA	TCA-10	TCA-CC	VF to PF
TCA	TCA-100		PF Primary
TCA	TCA-101		PF Primary
TCA	TCA-102		PF Primary
TCA	TCA-103		PF Primary

(b) (7)(E)

TCA	TCA-104		PF Primary
TCA	TCA-105		PF Primary
TCA	TCA-106		PF Primary
TCA	TCA-107		PF Primary
TCA	TCA-108		PF Primary
TCA	TCA-109		PF Primary
TCA	TCA-11	TCA-CC	Unconst. P
TCA	TCA-110		PF Primary
TCA	TCA-111		PF Primary
TCA	TCA-12	TCA-CC	VF to PF
TCA	TCA-13	TCA-CC	PF Primary
TCA	TCA-13	TCA-CC	PF Primary
TCA	TCA-13	TCA-CC	PF Primary
TCA	TCA-13	TCA-CC	Unconst. P
TCA	TCA-13	TCA-CC	PF Primary
TCA	TCA-13	TCA-CC	PF Primary
TCA	TCA-14	TCA-CC	VF to PF
TCA	TCA-15	TCA-CC	Unconst. P
TCA	TCA-16	TCA-DD	Unconst. P
TCA	TCA-16	TCA-DD	Unconst. P
TCA	TCA-16	TCA-DD	Unconst. P
TCA	TCA-16	TCA-DD	Unconst. P
TCA	TCA-17	TCA-DD	PF Primary
TCA	TCA-18	TCA-DD	Unconst. P
TCA	TCA-18A		PF Replace
TCA	TCA-18B		PF Seconda
TCA	TCA-18C		PF Seconda
TCA	TCA-19	TCA-EE	Unconst. P
TCA	TCA-19	TCA-EE	Unconst. P
TCA	TCA-19	TCA-EE	Unconst. P
TCA	TCA-19	TCA-EE	Unconst. P
TCA	TCA-19	TCA-EE	VF to PF
TCA	TCA-19	TCA-EE	VF to PF
TCA	TCA-19	TCA-EE	Unconst. P
TCA	TCA-19	TCA-EE	VF to PF
TCA	TCA-19	TCA-EE	Unconst. P
TCA	TCA-19	TCA-EE	VF to PF
TCA	TCA-19	TCA-EE	PF Primary
TCA	TCA-19	TCA-EE	VF to PF
TCA	TCA-19	TCA-EE	VF to PF
TCA	TCA-19	TCA-EE	VF to PF
TCA	TCA-19A		PF Seconda
TCA	TCA-20	TCA-EE	Unconst. P
TCA	TCA-20	TCA-EE	Unconst. P
TCA	TCA-21	TCA-FF	VF to PF
TCA	TCA-21	TCA-FF	VF to PF
TCA	TCA-21	TCA-FF	VF to PF

(b) (7)(E)

TCA	TCA-21	TCA-FF	VF to PF
TCA	TCA-21a	TCA-FF	VF to PF
TCA	TCA-21B		PF Second
TCA	TCA-23	TCA-GG	VF to PF
TCA	TCA-23A		VF to PF
TCA	TCA-23B		PF Replace
TCA	TCA-23C		PF Second
TCA	TCA-23D		PF Second
TCA	TCA-23E		PF Second
TCA	TCA-23F	TCA-JJ	PF Replace
TCA	TCA-24	TCA-HH	PF Replace
TCA	TCA-24A		PF Replace
TCA	TCA-24B		PF Replace
TCA	TCA-25	TCA-HH	PF Replace
TCA	TCA-26	TCA-HH	PF Replace
TCA	TCA-26A		PF Second
TCA	TCA-26B		PF Second
TCA	TCA-27A	TCA-HH	VF to PF
TCA	TCA-27B	TCA-II	VF to PF
YUM	YUM-01	YUM-AA	PF Second
YUM	YUM-01	YUM-AA	PF Second
YUM	YUM-01	YUM-AA	PF Second
YUM	YUM-01	YUM-AA	PF Second
YUM	YUM-02	YUM-AA	PF Replace
YUM	YUM-03	YUM-AA	PF Replace
YUM	YUM-03	YUM-AA	PF Replace
YUM	YUM-03	YUM-AA	PF Replace
YUM	YUM-04	YUM-BB	PF Replace
YUM	YUM-04	YUM-BB	PF Replace
YUM	YUM-04	YUM-BB	PF Replace
YUM	YUM-04	YUM-BB	PF Replace
YUM	YUM-05	YUM-BB	PF Replace
YUM	YUM-05	YUM-BB	PF Replace
YUM	YUM-05	YUM-BB	PF Replace
YUM	YUM-05	YUM-BB	PF Replace
YUM	YUM-05	YUM-BB	PF Replace
YUM	YUM-05	YUM-BB	PF Replace
YUM	YUM-06	YUM-BB	PF Replace
YUM	YUM-06	YUM-BB	PF Replace
YUM	YUM-06	YUM-BB	PF Replace
YUM	YUM-07		VF to PF
YUM	YUM-08		VF to PF
YUM	YUM-09		VF to PF
YUM	YUM-10		VF to PF
YUM	YUM-100		PF Primary
YUM	YUM-101		PF Primary
YUM	YUM-102		PF Primary
YUM	YUM-103		PF Primary

(b) (7)(E)

YUM	YUM-104		PF Primary
YUM	YUM-105		PF Primary
YUM	YUM-106		PF Primary
YUM	YUM-107		PF Primary
YUM	YUM-108		PF Primary
YUM	YUM-109		PF Primary
YUM	YUM-111		VF to PF
YUM	YUM-110		PF Primary
YUM	YUM-111		PF Primary
YUM	YUM-112		PF Primary
YUM	YUM-113		PF Primary
YUM	YUM-114		PF Primary
YUM	YUM-115		PF Primary
YUM	YUM-116		PF Primary
YUM	YUM-117		PF Primary
YUM	YUM-118		PF Primary
YUM	YUM-119		PF Primary
YUM	YUM-120		PF Primary

(b) (7)(E)

Descriptor	Operational	Comments	State	Station	RE_Status	ENV_Status	Clearance	OBJECTID
(b) (7)(E)	(b) (7)(E)	Created us	UN	UNK				(b) (7)(E)
		Created us	UN	UNK				
		Created us	UN	UNK				
		Created us	UN	UNK				
		Created us	UN	UNK				
Vehicle Bar	Operational	(b) (7)(E) New Ve	TX	UNK	No	No		
Vehicle Bar	Operational	(b) (7)(E) New Ve	TX	UNK	No	No		
Vehicle Bar	Operational	(b) (7)(E) New Ve	TX	UNK	No	No		
Vehicle Bar	Operational	(b) (7)(E) New Ve	TX	UNK	No	No		
Pedestrian	Operational	(b) (7)(E) New F	TX	UNK	No	No		
		Created us	TX	UNK				
		Created us	TX	UNK				
		Created us	TX	UNK				
		Created us	TX	UNK				
		Created us	TX	UNK				
		Created us	TX	UNK				
		Created us	TX	UNK				
		Created us	TX	UNK				
		Created us	TX	UNK				
(b) (7)(E)	Operational	(b) (7)(E) New Pr	WA	UNK	No	No		
	Operational	(b) (7)(E) New F	WA	UNK	No	No		
	Operational	(b) (7)(E) New F	WA	UNK	No	No		
		Created us	TX	UNK				
		Created us	TX	UNK				
		Created us	TX	UNK				
		Created us	TX	UNK				
		Created us	TX	UNK				
		Created us	TX	UNK				
	VF to PF	Revised pe	CA	UNK	Yes	Yes		
	VF to PF	Revised pe	CA	UNK	Yes	Yes		
	VF to PF	Revised pe	CA	UNK	Yes	Yes		
	VF to PF	Revised pe	CA	UNK	Yes	Yes		
	Replacement	(b) (7)(E) Replace	CA	UNK	Yes	Yes		
	Replacement	(b) (7)(E) Replace	CA	UNK	Yes	Yes		
	Replacement	(b) (7)(E) Replace	CA	UNK	Yes	Yes		
	Replacement	(b) (7)(E) Replace	CA	UNK	Yes	Yes		
	Replacement	(b) (7)(E) Replace	CA	UNK	Yes	Yes		
	Replacement	(b) (7)(E) Replace	CA	UNK	Yes	Yes		
	Replacement	(b) (7)(E) Replace	CA	UNK	Yes	Yes		
	Replacement	(b) (7)(E) Replace	CA	UNK	Yes	Yes		
	Replacement	(b) (7)(E) Replace	CA	UNK	Yes	Yes		
	Replacement	(b) (7)(E) Replace	CA	UNK	Yes	Yes		
	Replacement	(b) (7)(E) Replace	CA	UNK	Yes	Yes		
	Replacement	(b) (7)(E) Replace	CA	UNK	Yes	Yes		
	Replacement	(b) (7)(E) Replace	CA	UNK	Yes	Yes		
	Replacement	(b) (7)(E) Replace	CA	UNK	Yes	Yes		



(b) (7)(E)

[illegible][illegible]

(b) (7)(E)

(b) (7)(E)	Replacement	Replaced	CA	UNK	Yes	Yes		(b) (7)(E)
	Replacement	Replaced	CA	UNK	Yes	Yes		
		Created us	CA	UNK				
		Created us	CA	UNK				
	Operational	Revised pe	NM	UNK	No	No		
	Operational	Revised pe	NM	UNK	Yes	No		
	VF to PF	Revised pe	NM	UNK	Yes	Yes		
	VF to PF	Revised pe	NM	UNK	Yes	Yes		
	VF to PF	Revised pe	NM	UNK	Yes	Yes		
	VF to PF	Revised pe	NM	UNK	Yes	Yes		
	VF to PF	Revised pe	NM	UNK	Yes	Yes		
	VF to PF	Revised pe	NM	UNK	Yes	Yes		
	VF to PF	Revised pe	NM	UNK	Yes	Yes		
	VF to PF	Revised pe	NM	UNK	Yes	Yes		
	VF to PF	Revised pe	NM	UNK	Yes	Yes		
	VF to PF	Revised pe	NM	UNK	Yes	Yes		
	VF to PF	Revised pe	NM	UNK	Yes	Yes		
	VF to PF	Revised pe	NM	UNK	Yes	Yes		
	VF to PF	Revised pe	NM	UNK	Yes	Yes		
	VF to PF	Revised pe	NM	UNK	Yes	Yes		
	VF to PF	Revised pe	NM	UNK	Yes	Yes		
		Created us	NM	UNK				
		Created us	NM	UNK				
		Created us	NM	UNK				
		Created us	NM	UNK				
		Created us	NM	UNK				
		Created us	NM	UNK				
		Created us	TX	UNK				
	VF to PF	Revised pe	NM	UNK	Yes	Yes		
	VF to PF	Revised pe	NM	UNK	Yes	Yes		
	VF to PF	Revised pe	NM	UNK	Yes	Yes		
	VF to PF	Revised pe	NM	UNK	Yes	Yes		
	VF to PF	Revised pe	NM	UNK	Yes	Yes		
	VF to PF	Revised pe	NM	UNK	Yes	Yes		
	VF to PF	Revised pe	NM	UNK	Yes	Yes		
	VF to PF	Revised pe	NM	UNK	Yes	Yes		
	VF to PF	Revised pe	NM	UNK	Yes	Yes		
	VF to PF	Revised pe	NM	UNK	Yes	Yes		
	Replacement	added per	NM	UNK	Yes	Yes		
	Replacement	added per	NM	UNK	Yes	Yes		
	Replacement	added per	NM	UNK	Yes	Yes		
	Replacement	Revised pe	NM	UNK	Yes	Yes		
	Replacement	Revised pe	NM	UNK	Yes	Yes		
	Replacement	Revised pe	NM	UNK	Yes	Yes		
	VF to PF	Revised pe	NM	UNK	Yes	Yes		

(b) (7)(E)

(b) (7)(E)



(b) (7)(E)

(b) (7)(E)

(b) (7)(E)

Operationa	New F TX	UNK	Yes	No		
Operationa	New F TX	UNK	Yes	No		
Operationa	New F TX	UNK	No	No		
Operationa	New F TX	UNK	No	No		
Operationa	New F TX	UNK	No	No		
Operationa	New F TX	UNK	No	No		
Operationa	New F TX	UNK	Yes	No		
Operationa	New F TX	UNK	No	No		
Operationa	New F TX	UNK	No	No		
Operationa	New F TX	UNK	No	No		
Operationa	New F TX	UNK	Yes	No		
Operationa	New F TX	UNK	Yes	No		
Operationa	New F TX	UNK	Yes	No		
Operationa	New F TX	UNK	Yes	No		
Operationa	New F TX	UNK	No	No		
Operationa	New F TX	UNK	Yes	No		
Operationa	New F TX	UNK	Yes	No		
Operationa	New F TX	UNK	No	No		
Operationa	New F TX	UNK	No	No		
Operationa	New F TX	UNK	No	No		
Operationa	New F TX	UNK	No	No		
Operationa	New F TX	UNK	Yes	No		
Operationa	New F TX	UNK	No	No		
Operationa	New F TX	UNK	No	No		
Operationa	New F TX	UNK	Yes	No		
Operationa	New F TX	UNK	No	No		
Operationa	New F TX	UNK	No	No		
Operationa	New F TX	UNK	Yes	No		
Operationa	New F TX	UNK	No	No		
Operationa	New F TX	UNK	No	No		
Operationa	New F TX	UNK	No	No		
Operationa	New F TX	UNK	No	No		
Operationa	New F TX	UNK	No	No		
Operationa	New F TX	UNK	No	No		
Operationa	New F TX	UNK	No	No		
Operationa	New F TX	UNK	No	No		
Operationa	New F TX	UNK	No	No		
Operationa	New F TX	UNK	Yes	No		
Operationa	New F TX	UNK	Yes	No		
Operationa	New F TX	UNK	No	No		
Operationa	New F TX	UNK	No	No		
Operationa	New F TX	UNK	No	No		
Operationa	New F TX	UNK	No	No		
Operationa	New F TX	UNK	No	No		
Operationa	New F TX	UNK	No	No		
Operationa	New F TX	UNK	No	No		
Operationa	New F TX	UNK	Yes	No		
Operationa	New F TX	UNK	Yes	No		
Operationa	New F TX	UNK	No	No		
Operationa	New F TX	UNK	No	No		

(b) (7)(E)	Operationa	(b) (7)(E)	New F TX	UNK	Yes	No		(b) (7)(E)
	Operationa		New F TX	UNK	No	No		
	Operationa		New F TX	UNK	Yes	No		
	Operationa		New F TX	UNK	Yes	No		
	Operationa		New F TX	UNK	No	No		
	Operationa		New F TX	UNK	Yes	No		
	Operationa		New F TX	UNK	Yes	No		
	Operationa		New F TX	UNK	Yes	No		
	Operationa		New F TX	UNK	No	No		
	Operationa		New F TX	UNK	No	No		
	Operationa		New F TX	UNK	Yes	No		
	Operationa		New F TX	UNK	Yes	No		
	Operationa		New F TX	UNK	Yes	No		
	Operationa		New F TX	UNK	Yes	No		
	Operationa		New F TX	UNK	No	No		
	Operationa		New F TX	UNK	No	No		
	Operationa		New F TX	UNK	No	No		
	Operationa		New F TX	UNK	No	No		
	Operationa		New F TX	UNK	Yes	No		
	Operationa		New F TX	UNK	Yes	No		
	Operationa		New F TX	UNK	No	No		
	Operationa		New F TX	UNK	No	No		
	Operationa		New F TX	UNK	No	No		
	Operationa		New F TX	UNK	Yes	No		
	Operationa		New F TX	UNK	Yes	No		
	Operationa		New F TX	UNK	No	No		
	Operationa		New F TX	UNK	Yes	No		
	Operationa		New F TX	UNK	Yes	No		
	Operationa		New F TX	UNK	No	No		
	Operationa		New F TX	UNK	No	No		
	Operationa		New F TX	UNK	No	No		
	Operationa		New F TX	UNK	Yes	No		
	Operationa		New F TX	UNK	Yes	No		
	Operationa		New F TX	UNK	No	No		
	Operationa		New F TX	UNK	No	No		
	Operationa		New F TX	UNK	No	No		
	Operationa		New F TX	UNK	Yes	No		
	Operationa		New F TX	UNK	Yes	No		
	Operationa		New F TX	UNK	Yes	No		
	Operationa		New F TX	UNK	No	No		
	Operationa		New F TX	UNK	No	No		
	Operationa		New F TX	UNK	No	No		
	Operationa		New F TX	UNK	Yes	No		
	Operationa		New F TX	UNK	Yes	No		
	Operationa		New F TX	UNK	No	No		

(b) (7)(E)	Operational	(b) (7)(E)	New FTX	UNK	No	No		(b) (7)(E)
	Operational		New FTX	UNK	Yes	No		
	Operational		New FTX	UNK	Yes	No		
	Operational		New FTX	UNK	Yes	No		
	Operational		New FTX	UNK	Yes	No		
	Operational		New FTX	UNK	No	No		
	Operational		New FTX	UNK	Yes	No		
	Operational		New FTX	UNK	No	No		
	Operational		New FTX	UNK	Yes	No		
	Operational		New FTX	UNK	No	No		
	Operational		New FTX	UNK	No	No		
	Operational		New FTX	UNK	Yes	No		
	Operational		New FTX	UNK	Yes	No		
	Operational		New FTX	UNK	No	No		
	Operational		New FTX	UNK	Yes	No		
	Operational		New FTX	UNK	No	No		
	Operational		New FTX	UNK	Yes	No		
	Operational		New FTX	UNK	No	No		
	Operational		New FTX	UNK	No	No		
	Operational		New FTX	UNK	Yes	No		
	Operational		New FTX	UNK	Yes	No		
	Operational		New FTX	UNK	No	No		
	Operational		New FTX	UNK	Yes	No		
	Operational		New FTX	UNK	Yes	No		
	Operational		New FTX	UNK	No	No		
	Operational		New FTX	UNK	Yes	No		
	Operational		New FTX	UNK	No	No		
	Operational		New FTX	UNK	No	No		
	Operational		New FTX	UNK	Yes	No		
	Operational		New FTX	UNK	No	No		
	Operational		New FTX	UNK	No	No		
	Operational		New FTX	UNK	Yes	No		
	Operational		New FTX	UNK	No	No		
	Operational		New FTX	UNK	No	No		
	Operational		New FTX	UNK	Yes	No		
	Operational		New FTX	UNK	No	No		
	Operational		New FTX	UNK	No	No		
	Operational		New FTX	UNK	No	No		
	Operational		New FTX	UNK	No	No		
	Operational		New FTX	UNK	Yes	No		
	Operational		New FTX	UNK	No	No		
	Operational		New FTX	UNK	Yes	No		
	Operational		New VME	UNK	No	No		
	Operational		New VME	UNK	No	No		
	Operational		New VME	UNK	No	No		
	Operational		New VME	UNK	No	No		
	Operational		New VME	UNK	No	No		
	Operational		New VME	UNK	No	No		
	Operational		New VME	UNK	No	No		
	Operational		New VME	UNK	No	No		

(b) (7)(E)

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(b) (7)(E)





		Created us	TX	UNK					(b) (7)(E)
		Created us	TX	UNK					
(b) (7)(E)	Operationa	(b) (7)(E) New Pr	TX	UNK	No	No			
	Operationa	(b) (7)(E) New Se	TX	UNK	No	No	Cleared by		
	Operationa	(b) (7)(E) New Pr	TX	UNK	No	No			
	Operationa	(b) (7)(E) New Se	TX	UNK	No	No	Cleared by		
	Operationa	(b) (7)(E) New Prin	TX	UNK	No	No			
	Operationa	(b) (7)(E) New Sec	TX	UNK	No	No	Cleared by		
	Operationa	(b) (7)(E) New F	TX	UNK	No	No			
	Operationa	(b) (7)(E) New F	TX	UNK	Yes	No			
	Operationa	(b) (7)(E) New S	TX	UNK	Yes	No			
	Operationa	(b) (7)(E) New S	TX	UNK	No	No			
	Operationa	Revised pe	TX	UNK	No	No			
	Operationa	Revised pe	TX	UNK	No	No	Cleared by		
	Operationa	O-1	TX		No	Yes			
	Operationa	O-1	TX		No	Yes			
	Operationa	O-1	TX		No	Yes			
	Operationa	O-1	TX		No	Yes			
	Operationa	O-2	TX		No	Yes			
	Operationa	O-2	TX		No	Yes			
	Operationa	O-2	TX		No	Yes			
	Operationa	O-3	TX		No	Yes			
	Operationa	O-3	TX		No	Yes			
	Operationa	SHP from S	TX		No	No			
	Operationa	SHP from S	TX		No	No			
	Operationa	SHP from S	TX		No	No			
	Operationa	SHP from S	TX		Yes	No			
	Operationa	SHP from S	TX		Yes	No			
	Operationa	SHP from S	TX		No	No			
	Operationa	SHP from S	TX		Yes	No			
	Operationa	SHP from S	TX		No	No			
	Operationa	SHP from S	TX		Yes	No			
	Operationa	SHP from S	TX		Yes	No			
	Operationa	SHP from S	TX		Yes	No			
	Operationa	SHP from S	TX		No	No			
	Operationa	SHP from S	TX		Yes	No			
	Operationa	SHP from S	TX		No	No			
	Operationa	SHP from S	TX		Yes	No			
	Operationa	SHP from S	TX		Yes	No			
		Created us	TX	UNK					
		Created us	TX	UNK					
		Created us	TX	UNK					
		Created us	TX	UNK					
		Created us	TX	UNK					
		Created us	TX	UNK					
		Created us	TX	UNK					

(b) (7)(E)

		Created us	TX	UNK				
		Created us	TX	UNK				
		Created us	TX	UNK				
(b) (7)(E)	Operationa	SHP from S	TX		No	No		
	Operationa	SHP from S	TX		No	No		
	Operationa	SHP from S	TX		No	No		
	Operationa	SHP from S	TX		No	No		
	Operationa	SHP from S	TX		Yes	No		
	Operationa	SHP from S	TX		Yes	No		
	Operationa	SHP from S	TX		Yes	No		
		Created us	TX	UNK				
		Created us	TX	UNK				
		Created us	TX	UNK				
		Created us	TX	UNK				
		Created us	TX	UNK				
		Created us	TX	UNK				
		Created us	TX	UNK				
		Created us	TX	UNK				
		Created us	TX	UNK				
(b) (7)(E)	Operationa	SHP from S	TX		Yes	No		
	Operationa	SHP from S	TX		Yes	No		
	Operationa	SHP from S	TX		Yes	No		
	Operationa	SHP from S	TX		No	No		
	Operationa	SHP from S	TX		No	No		
	Operationa	SHP from S	TX		Yes	No		
	Operationa	SHP from S	TX		Yes	No		
	Operationa	SHP from S	TX		No	No		
	Operationa	SHP from S	TX		No	No		
	Operationa	SHP from S	TX		Yes	No		
	Operationa	SHP from S	TX		Yes	No		
	Operationa	SHP from S	TX		Yes	No		
	Operationa	SHP from S	TX		Yes	No		
	Operationa	SHP from S	TX		Yes	No		
	Operationa	SHP from S	TX		No	No		
	Operationa	SHP from S	TX		No	No		
	Operationa	SHP from S	TX		No	No		
	Operationa	SHP from S	TX		Yes	No		
	Operationa	SHP from S	TX		No	No		
	Operationa	SHP from S	TX		No	No		
	Operationa	SHP from S	TX		Yes	No		
		Created us	TX	UNK				
	Operationa	SHP from S	TX		No	No		
	Operationa	SHP from S	TX		No	No		
	Operationa	SHP from S	TX		Yes	No		
	Operationa	SHP from S	TX		Yes	No		
	Operationa	SHP from S	TX		Yes	No		

(b) (7)(E)	Operational	SHP from S	TX		No	No		(b) (7)(E)
	Operational	SHP from S	TX		No	No		
	Operational	SHP from S	TX		No	No		
	Operational	SHP from S	TX		No	No		
	Operational	SHP from S	TX		Yes	No		
	Operational	SHP from S	TX		Yes	No		
	Operational	SHP from S	TX		No	No		
	Operational	SHP from S	TX		Yes	No		
	Operational	SHP from S	TX		No	No		
	Operational	SHP from S	TX		Yes	No		
	Operational	SHP from S	TX		Yes	No		
	Operational	SHP from S	TX		Yes	No		
	Operational	SHP from S	TX		No	No		
	Operational	SHP from S	TX		No	No		
	Operational	SHP from S	TX		Yes	No		
	Operational	SHP from S	TX		No	No		
	Operational	SHP from S	TX		No	No		
	Operational	SHP from S	TX		No	No		
	Operational	SHP from S	TX		No	No		
	Operational	SHP from S	TX		No	No		
	Operational	SHP from S	TX		Yes	No		
	Operational	SHP from S	TX		No	No		
	Operational	SHP from S	TX		No	No		
	Operational	SHP from S	TX		Yes	No		
	Operational	SHP from S	TX		Yes	No		
	Operational	SHP from S	TX		No	No		
	Operational	SHP from S	TX		Yes	No		
	Operational	SHP from S	TX		Yes	No		
	Operational	SHP from S	TX		No	No		
	Operational	SHP from S	TX		Yes	No		
	Operational	SHP from S	TX		Yes	No		
	Operational	SHP from S	TX		No	No		
	Operational	SHP from S	TX		Yes	No		
	Operational	SHP from S	TX		Yes	No		
	Operational	SHP from S	TX		No	No		
	Operational	SHP from S	TX		Yes	No		
	Operational	SHP from S	TX		Yes	No		
	Operational	Not include	TX	UNK	No	No		
	Operational	Not include	TX	UNK	Yes	No		
	Operational	Not include	TX	UNK	Yes	No		
	Operational	Not include	TX	UNK	No	No		
	Operational	Not include	TX	UNK	No	No		
	Operational	Not include	TX	UNK	Yes	No		
	Operational	Not include	TX	UNK	Yes	No		
	Operational	Not include	TX	UNK	Yes	No		
	Operational	Not include	TX	UNK	Yes	No		

(b) (7)(E)	Operational	Not include	TX	UNK	Yes	No		(b) (7)(E)
	Operational	SHP from S	TX		No	No		
	Operational	SHP from S	TX		Yes	No		
	Operational	SHP from S	TX		No	No		
	Operational	SHP from S	TX		Yes	No		
	Operational	Replace wi	TX	UNK	Yes	No		
	Operational	Replace wi	TX	UNK	No	No		
	Operational	Replace wi	TX	UNK	No	No		
	Operational	Replace wi	TX	UNK	Yes	No		
	Operational	Replace wi	TX	UNK	Yes	No		
	Operational	Replace wi	TX	UNK	No	No		
	Operational	Replace wi	TX	UNK	Yes	No		
	Operational	Replace wi	TX	UNK	No	No		
	Operational	Replace wi	TX	UNK	Yes	No		
	Operationally Achieval	TX	UNK	Yes	No			
	Operationally Achieval	TX	UNK	Yes	No			
	Operationally Achieval	TX	UNK	No	No			
	Operationally Achieval	TX	UNK	Yes	No			
	Operational	SHP from S	TX		Yes	No		
	Operational	SHP from S	TX		No	No		
	Operational	SHP from S	TX		No	No		
	Operational	SHP from S	TX		No	No		
	Operational	SHP from S	TX		Yes	No		
	Operational	SHP from S	TX		No	No		
	Operational	SHP from S	TX		Yes	No		
	Operational	SHP from S	TX		Yes	No		
	Operational	SHP from S	TX		No	No		
	Operational	SHP from S	TX		No	No		
	Operational	SHP from S	TX		Yes	No		
	Operational	SHP from S	TX		Yes	No		
	Operational	SHP from S	TX		No	No		
	Operational	SHP from S	TX		Yes	No		
	Operational	SHP from S	TX		Yes	No		
	Operational	SHP from S	TX		No	No		
	Operational	SHP from S	TX		Yes	No		
	Operational	SHP from S	TX		Yes	No		
	Operational	SHP from S	TX		No	No		
	Operational	SHP from S	TX		No	No		
	Operational	SHP from S	TX		Yes	No		
	Operational	SHP from S	TX		Yes	No		
	Operational	SHP from S	TX		No	No		
	Operational	SHP from S	TX		No	No		
	Operational	SHP from S	TX		Yes	No		

(b) (7)(E)	Operationa	SHP from S	TX		Yes	No		(b) (7)(E)
	Operationa	SHP from S	TX		No	No		
	Operationally Achieval	TX	UNK		Yes	No		
	Operationally Achieval	TX	UNK		Yes	No		
	Operationally Achieval	TX	UNK		Yes	No		
	Operationally Achieval	TX	UNK		No	No		
	Operationally Achieval	TX	UNK		No	No		
	Operationally Achieval	TX	UNK		Yes	No		
	Operationa	SHP from S	TX		No	No		
	Operationa	SHP from S	TX		No	No		
	Operationa	SHP from S	TX		Yes	No		
	Operationa	SHP from S	TX		Yes	No		
	Operationa	SHP from S	TX		Yes	No		
	Operationa	SHP from S	TX		Yes	No		
	Operationa	SHP from S	TX		No	No		
	Operationa	SHP from S	TX		No	No		
	Operationa	SHP from S	TX		Yes	No		
	Operationa	SHP from S	TX		No	No		
	Operationa	SHP from S	TX		No	No		
	Operationa	SHP from S	TX		Yes	No		
	Operationa	SHP from S	TX		No	No		
	Operationa	SHP from S	TX		No	No		
	Operationa	SHP from S	TX		Yes	No		
	Operationa	SHP from S	TX		No	No		
	Operationa	SHP from S	TX		Yes	No		
	Operationa	SHP from S	TX		Yes	No		
	Operationa	SHP from S	TX		Yes	No		
	Operationa	SHP from S	TX		Yes	No		
	Operationa	SHP from S	TX		No	No		
	Operationa	SHP from S	TX		No	No		
	Operationa	SHP from S	TX		No	No		
	Operationa	SHP from S	TX		No	No		
	Operationa	SHP from S	TX		No	No		
	Operationa	SHP from S	TX		No	No		
	Operationa	SHP from S	TX		Yes	No		
	Operationa	SHP from S	TX		Yes	No		
	Operationa	SHP from S	TX		Yes	No		
	Operationa	SHP from S	TX		Yes	No		
	Operationa	SHP from S	TX		No	No		
	Operationa	SHP from S	TX		Yes	No		
	Operationa	SHP from S	TX		No	No		
	Operationa	SHP from S	TX		Yes	No		
	Operationa	SHP from S	TX		No	No		
	Operationa	SHP from S	TX		No	No		

(b) (7)(E)

(b) (7)(E)	Operational	SHP from S	TX		No	No		(b) (7)(E)
	Operational	SHP from S	TX		Yes	No		
	Replacement	Revised pe	CA	UNK	Yes	Yes		
	Replacement	Revised pe	CA	UNK	Yes	Yes		
	Replacement	Revised pe	CA	UNK	Yes	Yes		
	Replacement	Revised pe	CA	UNK	Yes	Yes		
	Replacement	Revised pe	CA	UNK	Yes	Yes		
	Replacement	Revised pe	CA	UNK	Yes	Yes		
	Replacement	Revised pe	CA	UNK	Yes	Yes		
	Replacement	Revised pe	CA	UNK	Yes	Yes		
	Replacement	Revised pe	CA	UNK	Yes	Yes		
	Replacement	Revised pe	CA	UNK	Yes	Yes		
	Replacement	Revised pe	CA	UNK	Yes	Yes		
	Replacement	Revised pe	CA	UNK	Yes	Yes		
	Replacement	Revised pe	CA	UNK	Yes	Yes		
	Replacement	Revised pe	CA	UNK	Yes	Yes		
	Replacement	Revised pe	CA	UNK	Yes	Yes		
	Replacement	Revised pe	CA	UNK	Yes	Yes		
	Replacement	Revised pe	CA	UNK	Yes	Yes		
	Replacement	Revised pe	CA	UNK	Yes	Yes		
	Replacement	Revised pe	CA	UNK	Yes	Yes		
	Replacement	Revised pe	CA	UNK	Yes	Yes		
	Replacement	Revised pe	CA	UNK	Yes	Yes		
	Replacement	Revised pe	CA	UNK	Yes	Yes		
	Replacement	Revised pe	CA	UNK	Yes	Yes		
	Replacement	Revised pe	CA	UNK	Yes	Yes		
	Replacement	Revised pe	CA	UNK	Yes	Yes		
	Replacement	Revised pe	CA	UNK	Yes	Yes		
	Replacement	Revised pe	CA	UNK	Yes	Yes		
	Replacement	Revised pe	CA	UNK	Yes	Yes		
	Replacement	Revised pe	CA	UNK	Yes	Yes		
	Replacement	Revised pe	CA	UNK	Yes	Yes		
	Replacement	Revised pe	CA	UNK	Yes	Yes		
	Replacement	Revised pe	CA	UNK	Yes	Yes		
	Operational	Revised pe	CA	UNK	No	No		
	Operational	Revised pe	CA	UNK	Yes	No		
	Operational	Revised pe	CA	UNK	Yes	No		
	Operational	Revised pe	CA	UNK	Yes	No		
	Replacement	Revised pe	CA	UNK	Yes	Yes		
	Replacement	Revised pe	CA	UNK	Yes	Yes		

	Replaceme	Revised pe	CA	UNK	Yes	Yes		(b) (7)(E)
	Replaceme	Revised pe	CA	UNK	Yes	Yes		
	Replaceme	Revised pe	CA	UNK	Yes	Yes		
	Operationa	Revised pe	CA	UNK	Yes	Yes		
	Operationa	Revised pe	CA	UNK	Yes	Yes		
	Operationa	Revised pe	CA	UNK	Yes	Yes		
	Operationa	Revised pe	CA	UNK	Yes	Yes		
	Operationa	Revised pe	CA	UNK	Yes	Yes		
		Created us	CA	UNK				
		Created us	CA	UNK				
		Created us	CA	UNK				
		Created us	CA	UNK				
	Operationa	Revised pe	CA	UNK	Yes	Yes		
	Operationa	Revised pe	CA	UNK	Yes	Yes		
	Operationa	Revised pe	CA	UNK	Yes	Yes		
	Operationa	Revised pe	CA	UNK	Yes	Yes		
	Operationa	Revised pe	CA	UNK	Yes	No		
	Replaceme	Revised pe	CA	UNK	Yes	Yes		
	Operationa	Revised pe	CA	UNK	Yes	No		
	Operationa	Revised pe	CA	UNK	Yes	No		
	Operationa	Revised pe	CA	UNK	No	No		
	Operationa	Revised pe	CA	UNK	Yes	Yes		
	Replaceme	Revised pe	CA	UNK	Yes	Yes		
	Operationa	Revised pe	CA	UNK	Yes	No		
	Replaceme	Revised pe	CA	UNK	Yes	Yes		
	Operationa	Revised pe	CA	UNK	Yes	No		
	Replaceme	Revised pe	CA	UNK	Yes	Yes		
	Replaceme	Revised pe	CA	UNK	Yes	Yes		
	Replaceme	Revised pe	CA	UNK	Yes	Yes		
	Replaceme	Revised pe	CA	UNK	Yes	Yes		
	Replaceme	Revised pe	CA	UNK	Yes	Yes		
	Operationa	Revised pe	CA	UNK	Yes	Yes		
	Operationa	Revised pe	CA	UNK	Yes	Yes		
	Operationa	Revised pe	CA	UNK	Yes	Yes		
	Replaceme	Revised pe	CA	UNK	Yes	Yes		
	Replaceme	Revised pe	CA	UNK	Yes	Yes		
	Operationa	Revised pe	CA	UNK	Yes	No		
	Replaceme	Revised pe	CA	UNK	Yes	Yes		
	Replaceme	Revised pe	CA	UNK	Yes	Yes		
	Replaceme	Revised pe	CA	UNK	Yes	Yes		
	Replaceme	Revised pe	CA	UNK	Yes	Yes		
	Operationa	Revised pe	CA	UNK	Yes	No		
	Operationa	Revised pe	CA	UNK	No	No		
	Replaceme	Revised pe	CA	UNK	Yes	Yes		
	Replaceme	Revised pe	CA	UNK	Yes	Yes		



	Operational	Revised pe	CA	UNK	Yes	No		(b) (7)(E)
	Replacement	Revised pe	CA	UNK	Yes	Yes		
	Operational	Revised pe	CA	UNK	Yes	No		
	Operational	Revised pe	CA	UNK	Yes	No		
	Operational	Revised pe	CA	UNK	Yes	Yes	Existing - P	
	Operational	Revised pe	CA	UNK	Yes	Yes	Existing - P	
	Operational	Revised pe	CA	UNK	Yes	Yes	Existing - P	
	Operational	Revised pe	CA	UNK	Yes	Yes	Existing - P	
	Operational	Revised pe	CA	UNK	Yes	Yes	Existing - P	
	Operational	Revised pe	CA	UNK	Yes	Yes	Existing - P	
	Operational	Revised pe	CA	UNK	Yes	Yes	Existing - P	
	Operational	Revised pe	CA	UNK	Yes	Yes	Existing - P	
	Operational	Revised pe	CA	UNK	Yes	Yes	Existing - P	
	Operational	Revised pe	CA	UNK	Yes	Yes	Existing - P	
	Operational	Revised pe	CA	UNK	Yes	Yes	Existing - P	
	Operational	Revised pe	CA	UNK	Yes	Yes	Existing - P	
	Operational	Revised pe	CA	UNK	Yes	Yes	Existing - P	
	Operational	Revised pe	CA	UNK	Yes	Yes	Existing - P	
	Operational	Revised pe	CA	UNK	Yes	Yes	Existing - P	
	Operational	Revised pe	CA	UNK	Yes	Yes	Existing - P	
(b) (7)(E)	Operational	Added per	CA	BLV	Yes	No		
	Operational	(b) (7)(E) New F	WA	UNK	No	No		
	Operational	(b) (7)(E) New Pr	WA	UNK	No	No		
	Operational	(b) (7)(E) New Pr	WA	UNK	No	No		
	Operational	(b) (7)(E) New Pr	WA	UNK	No	No		
	Operational	(b) (7)(E) New Pr	WA	UNK	No	No		
	Operational	(b) (7)(E) New Pr	WA	UNK	No	No		
	Operational	(b) (7)(E) New Se	WA	UNK	No	No	Cleared by	
	Operational	(b) (7)(E) New Pr	WA	UNK	No	No		
	Operational	(b) (7)(E) New Sec	WA	UNK	No	No	Cleared by	
	Operational	(b) (7)(E) New Prin	WA	UNK	No	No		
	Operational	(b) (7)(E) New F	WA	UNK	No	No		
	Operational	(b) (7)(E) New Prin	WA	UNK	No	No		
	Operational	(b) (7)(E) New Veh	WA	UNK	No	No		
	Operational	(b) (7)(E) New Prin	WA	UNK	No	No		
	Operational	(b) (7)(E) New Prin	WA	UNK	No	No		
	Operational	(b) (7)(E) New Veh	WA	UNK	No	No		
	Operational	(b) (7)(E) New Ve	WA	UNK	No	No		
	Operational	(b) (7)(E) New Prin	WA	UNK	No	No		
	Operational	(b) (7)(E) New Pr	WA	UNK	No	No		
	Operational	(b) (7)(E) New F	WA	UNK	No	No		
	Operational	(b) (7)(E) New V	WA	UNK	No	No		
	Operational	(b) (7)(E) New V	WA	UNK	No	No		
	Operational	(b) (7)(E) New F	WA	UNK	No	No		
	Operational	(b) (7)(E) New F	WA	UNK	No	No		
	Operational	(b) (7)(E) New Prin	WA	UNK	No	No		
	Operational	(b) (7)(E) New Pri	WA	UNK	No	No		
	Operational	(b) (7)(E) New Ve	WA	UNK	No	No		

(b) (7)(E)	Operational	(b) (7)(E)	New Ve	WA	UNK	No	No		(b) (7)(E)
	Operational	(b) (7)(E)	New Ve	WA	UNK	No	No		
	Operational	(b) (7)(E)	New F	WA	UNK	No	No		
	Operational	(b) (7)(E)	New F	WA	UNK	No	No		
	Operational	(b) (7)(E)	New Ve	WA	UNK	No	No		
	Operational	(b) (7)(E)	New Ve	WA	UNK	No	No		
	Operational	(b) (7)(E)	New Prin	WA	UNK	No	No		
	Operational	(b) (7)(E)	New Pr	WA	UNK	No	No		
	Operational	(b) (7)(E)	New Pr	MT	UNK	No	No		
	Operational	(b) (7)(E)	New MT	MT	UNK	No	No		
	Operational	(b) (7)(E)	New F	MT	UNK	No	No		
	Operational	(b) (7)(E)	New Prin	MT	UNK	No	No		
	Operational	(b) (7)(E)	New Prin	NY	UNK	No	No		
	Operational	(b) (7)(E)	New Prin	NY	UNK	No	No		
	Operational	(b) (7)(E)	New Pri	NY	UNK	No	No		
	Operational	(b) (7)(E)	New F	NY	UNK	No	No		
	Operational	(b) (7)(E)	New F	NY	UNK	No	No		
	Operational	(b) (7)(E)	New F	VT	UNK	No	No		
	Operational	(b) (7)(E)	New Ve	VT	UNK	No	No		
	Operational	(b) (7)(E)	Revised pe	VT	UNK	No	No		
	Operational	(b) (7)(E)	New VT	VT	UNK	No	No		
	Operational	(b) (7)(E)	Revised pe	NH	UNK	No	No		
	Operational	(b) (7)(E)	New VT	VT	UNK	No	No		
	Operational	(b) (7)(E)	New \	VT	UNK	No	No		
	Operational	(b) (7)(E)	New \	VT	UNK	No	No		
	Operational	(b) (7)(E)	New Ve	VT	UNK	No	No		
	Operational	(b) (7)(E)	New \	VT	UNK	No	No		
	Operational	(b) (7)(E)	New \	VT	UNK	No	No		
	Operational	(b) (7)(E)	Revised pe	VT	UNK	No	No		
	Operational	(b) (7)(E)	New F	VT	UNK	No	No		
	Operational	(b) (7)(E)	New Pr	VT	UNK	No	No		
	Operational	(b) (7)(E)	New F	VT	UNK	No	No		
	Operational	(b) (7)(E)	New Pr	VT	UNK	No	No		
	Operational	(b) (7)(E)	New \	VT	UNK	No	No		
	Operational	(b) (7)(E)	New \	VT	UNK	No	No		
	Operational	(b) (7)(E)	New \	VT	UNK	No	No		
	Operational	(b) (7)(E)	New \	VT	UNK	No	No		
	Operational	(b) (7)(E)	New F	VT	UNK	No	No		
	Operational	(b) (7)(E)	New Pr	VT	UNK	No	No		
	Operational	(b) (7)(E)	New F	VT	UNK	No	No		
	Operational	(b) (7)(E)	New Ve	VT	UNK	No	No		
	Operational	(b) (7)(E)	New F	VT	UNK	No	No		
	Operational	(b) (7)(E)	New \	VT	UNK	No	No		
	Operational	(b) (7)(E)	New VT	VT	UNK	No	No		
	Operational	(b) (7)(E)	New F	NY	UNK	No	No		
	Operational	(b) (7)(E)	New F	NY	UNK	No	No		

(b) (7)(E)	Operational	Revised pe	NY	UNK	No	No			(b) (7)(E)
	Operational	(b) (7)(E) New F	NY	UNK	No	No			
	Operational	(b) (7)(E) New V	VT	UNK	No	No			
	Operational	(b) (7)(E) New V	VT	UNK	No	No			
	VF to PF	revised 2/1	AZ	UNK	Yes	Yes			
	VF to PF	revised 2/1	AZ	UNK	Yes	Yes			
	VF to PF	revised 2/1	AZ	UNK	Yes	Yes			
	VF to PF	revised 2/1	AZ	UNK	Yes	Yes			
	VF to PF	revised 2/1	AZ	UNK	Yes	Yes			
	VF to PF	revised 2/1	AZ	UNK	Yes	Yes			
	VF to PF	revised 2/1	AZ	UNK	Yes	Yes			
	VF to PF	revised 2/1	AZ	UNK	Yes	Yes			
	Replaceme	(b) (7)(E) Replacen	AZ	UNK	Yes	Yes			
	Replaceme	(b) (7)(E) Replacen	AZ	UNK	Yes	Yes			
	Replaceme	(b) (7)(E) Replacen	AZ	UNK	Yes	Yes			
		revised 2/1	AZ	UNK					
	VF to PF	Revised 2/1	AZ	UNK	Yes	Yes			
	Replacem	(b) (7)(E) Replacen	AZ	UNK	Yes	Yes			
	Operational	Length revi	AZ	UNK	Yes	Yes			
	Operational	Length revi	AZ	UNK	Yes	Yes			
	Operational	Length revi	AZ	UNK	Yes	Yes			
	Operational	Length revi	AZ	UNK	Yes	Yes			
	Operational	Length revi	AZ	UNK	Yes	Yes			
	VF to PF	revised 2/1	AZ	UNK	Yes	Yes			
	VF to PF	revised 2/1	AZ	UNK	Yes	Yes			
		Added by S	AZ	UNK					
		Added 2/1,	AZ	UNK					
		Added 2/1,	AZ	UNK					
		Added 2/1,	AZ	UNK					
		Added 2/1,	AZ	UNK					
		Added 2/1,	AZ	UNK					
(b) (7)(E)	Operational	Revised pe	AZ	UNK	Yes	No			
		Added 2/1,	AZ	UNK					
	ion	Added by S	AZ	UNK					
		Added 2/1,	AZ	UNK					
	VF to PF	revised 1/2	AZ	UNK	Yes	Yes			
	Operational	Revised pe	AZ	UNK	Yes	No			
	Operational	Revised pe	AZ	UNK	Yes	No			
		Added 2/1,	AZ	UNK					
		Added 2/1,	AZ	UNK					
		Added 2/1,	AZ	UNK					
		Added 2/1,	AZ	UNK					
(b) (7)(E)	VF to PF	Revised pe	AZ	UNK	Yes	Yes			
		Created us	AZ	UNK					
		Created us	AZ	UNK					
		Created us	AZ	UNK					
		Created us	AZ	UNK					

		Created us	AZ	UNK				(b) (7)(E)
		Created us	AZ	UNK				
		Created us	AZ	UNK				
		Created us	AZ	UNK				
		Created us	AZ	UNK				
		Created us	AZ	UNK				
(b) (7)(E)	Operationa	Revised pe	AZ	UNK	No	No		
		Created us	AZ	UNK				
		Created us	AZ	UNK				
	VF to PF	Revised pe	AZ	UNK	Yes	Yes		
	Operationa	Revised pe	AZ	UNK	Yes	No		
	Operationa	Revised pe	AZ	UNK	No	No		
	Operationa	Revised pe	AZ	UNK	No	No		
	Operationa	Revised pe	AZ	UNK	No	No		
	Operationa	Revised pe	AZ	UNK	No	No		
	Operationa	Revised pe	AZ	UNK	Yes	No		
	VF to PF	Revised pe	AZ	UNK	Yes	Yes		
(b) (7)(E)	Operationa	Revised pe	AZ	UNK	No	No		
	Operationa	Revised pe	AZ	UNK	No	No		
	Operationa	Revised pe	AZ	UNK	No	No		
	Operationa	Revised pe	AZ	UNK	Yes	No		
	Operationa	Revised pe	AZ	UNK	Yes	No		
	VF to PF	revised 1/2	AZ	UNK	Yes	Yes		
	Operationa	Revised pe	AZ	UNK	Yes	No		
		Added 2/1,	AZ	UNK				
(b) (7)(E)		Added by S	AZ	UNK				
		Added by S	AZ	UNK				
(b) (7)(E)	Operationa	Revised pe	AZ	UNK	Yes	Yes		
	Operationa	Revised pe	AZ	UNK	Yes	Yes		
	Operationa	Revised pe	AZ	UNK	Yes	Yes		
	Operationa	Revised pe	AZ	UNK	Yes	Yes		
	VF to PF	revised 1/2	AZ	UNK	Yes	Yes		
	VF to PF	revised 1/2	AZ	UNK	Yes	Yes		
	Operationa	Revised pe	AZ	UNK	Yes	Yes		
	VF to PF	revised 1/2	AZ	UNK	Yes	Yes		
	Operationa	Revised pe	AZ	UNK	Yes	Yes		
	VF to PF	revised 1/2	AZ	UNK	Yes	Yes		
	VF to PF	revised 1/2	AZ	UNK	Yes	Yes		
	VF to PF	revised 1/2	AZ	UNK	Yes	Yes		
	VF to PF	revised 1/2	AZ	UNK	Yes	Yes		
	VF to PF	revised 1/2	AZ	UNK	Yes	Yes		
	ne (b) (7)(E)	Added by S	AZ	UNK				
	Operationa	Revised pe	AZ	UNK	Yes	No		
	Operationa	Revised pe	AZ	UNK	Yes	No		
	VF to PF	Revised pe	AZ	UNK	Yes	Yes		
	VF to PF	Revised pe	AZ	UNK	Yes	Yes		
	VF to PF	Revised pe	AZ	UNK	Yes	Yes		

(b) (7)(E)	VF to PF	Revised pe	AZ	UNK	Yes	Yes		(b) (7)(E)
	VF to PF	Revised pe	AZ	UNK	Yes	Yes		
(b) (7)(E)		Added by S	AZ	UNK				
(b) (7)(E)	VF to PF	Revised pe	AZ	UNK	Yes	Yes		
		Added 2/1,	AZ	UNK				
		Added 2/1,	AZ	UNK				
(b) (7)(E)	(b) (7)(E) . Sa	Added by S	AZ	UNK				
	(b) (7)(E) . West er	Added by S	AZ	UNK				
	(b) (7)(E) Ea	Added by S	AZ	UNK				
			AZ	NCO				
(b) (7)(E)	Replaceme	(b) (7)(E) Replace	AZ	UNK	Yes	Yes		
		Added 2/1,	AZ	UNK				
		Added 2/1,	AZ	UNK				
(b) (7)(E)	Replaceme	Replacen	AZ	UNK	Yes	Yes		
(b) (7)(E)		Added per	AZ	UNK	Yes	Yes		
		Added by S	AZ	UNK				
		Added by S	AZ	UNK				
		Added 2/1,	AZ	DGL				
		Added 2/1,	AZ	DGL				
(b) (7)(E)	Operationa	(b) (7)(E) New S	CA	UNK	Yes	Yes		
	Operationa	New S	CA	UNK	Yes	Yes		
	Operationa	New S	CA	UNK	Yes	Yes		
	Operationa	New S	CA	UNK	Yes	Yes		
	Replaceme	(b) (7)(E) PE Repl	CA	UNK	Yes	Yes		
	Replaceme	(b) (7)(E) re	CA	UNK	Yes	Yes		
	Replaceme	re	CA	UNK	Yes	Yes		
	Replaceme	re	CA	UNK	Yes	Yes		
	Replaceme	(b) (7)(E) Replace	AZ	UNK	Yes	Yes		
	Replaceme	Replace	AZ	UNK	Yes	Yes		
	Replaceme	Replace	AZ	UNK	Yes	Yes		
	Replaceme	Replace	AZ	UNK	Yes	Yes		
	Replaceme	(b) (7)(E) Replacen	AZ	UNK	Yes	Yes		
	Replaceme	Replacen	AZ	UNK	Yes	Yes		
	Replaceme	Replacen	AZ	UNK	Yes	Yes		
	Replaceme	Replacen	AZ	UNK	Yes	Yes		
	Replaceme	Replacen	AZ	UNK	Yes	Yes		
	Replaceme	Replacen	AZ	UNK	Yes	Yes		
	Replaceme	Replacen	AZ	UNK	Yes	Yes		
	VF to PF	Added by S	AZ	UNK	Yes	Yes		
	VF to PF	Added by S	AZ	UNK	Yes	Yes		
	VF to PF	Added by S	AZ	UNK	Yes	Yes		
	VF to PF	Added by S	AZ	UNK	Yes	Yes		
		Created us	AZ	UNK				
		Created us	AZ	UNK				
		Created us	AZ	UNK				
		Created us	AZ	UNK				



C++ = all features

C+ = Constrained C+

OMB = Constrained 'Yes' + 'No'

C = Constrained 'No'

New Construction includes; PF Primary, VF Primary, Unconstructed PF, Unconstructed VF

Primary PF includes Unconstructed PF

Primary VF includes Unconstructed VF

Station	Zone	Distance (mi)	Difficulty
MCS	(b) (7)(E)	(b) (7)(E)	East End of O-5 to TX115 SPUR
MCS			South to O=6A North End
WSL			Along NWR
WSL			East End of O-7 to POE
WSL			POE to West End of O-8
			East end O-9B to West End of O-10
WSL			East to O-6C to North Point of Lake
WSL			East End of O-8 to West End of O-9A
WSL			End of Lake to S Cage Road
WSL			S Cage Road Edge of NWR
MCS			East End of O-4A to S Conway Ave
MCS			S Conway Ave to West End of O-5
RGC			O-3
RGC			O-1
WSL			East edge of NWR to O-7
WSL			O-10 to Rio Rico Rd
MCS			Across Levee

19+ owners in (b) (7)(E) golf course, wildlife refuge



## Comments

Easy from a real estate perspective and design/construction perspective

Easy from a real estate perspective and design/construction perspective

2 miles of FWS property adjacent to refuge

Need to confirm levee location w/ IBWC but it appears to easy from a real estate & design/construction perspective (4-5 landowners) POE bridge in-between

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construction perspective shouldn't be bad. (b) (7)(E) owns whole area. Need to reconfirm construction.

Owner is not unreasonable.

Distance is overstated as levee runs along north side of lake-not the west,south,east side as orginally thought; Toe of levee is under water-not sure of depth-will likely require coffer dam to construct levee wall. Hidalgo county water improvement district #2

Easy from a real estate perspective; a small portion of levee abuts a wet area that may result in challenging construction. ~ 9 landowners, FWS, NWR, farms

Several houses and expensive farms south of levee as well as at least 1 public road; easy from a design/construction perspective

Numerous houses on the west end of the segment-at least 1 public road-about 1/2 of segment abuts FWS refuge area; easy from a design/construction perspective. Cemetary & church south of levee-within 150 ft. enforcement zone.

Difficult real estate (Bensten State Park/World Birding Center-severence issue; Construction challenging as segment includes an irrigation canal crossing and portion of levee also serves as a primary roadway (Military Hwy) making construction tricky & expensive. 20 + landowners, Non profit, church, state parks, christian youth camps, etc.

Very difficult real estate (Bensten State Park/World Birding Center-severence issue; extensive development in La Momita inlcuding a RV trailer park, Nautica Club, Riverside Club and a City park with historical mission. (chimney park RV resort), water skiing, etc.

Non-starter - cant block the floodplain

Priority (Execution)	Project #	Sort
1	(b) (7)(E)	1
2		6
3		10
4		12
4		12
5		14
6		7
7		13
8		8
9		9
10		4
11		5
12		3
13		2
Last		11
Last		15
N/A		

Station	Zone	Distance (mi)		Difficulty
MCS	(b) (7)(E)	(b) (7)(E)	East End of O-5 to TX115 SPUR	Easy
MCS			South to O=6A North End	Easy
WSL				Easy
WSL			East End of O-7 to POE	Easy
WSL			POE to West End of O-8	Easy
			East end O-9B to West End of O-10	Easy
WSL			East to O-6C to North Point of Lake	Moderate
WSL			East End of O-8 to West End of O-9A	Moderate
WSL			End of Lake to S Cage Road	Moderate
WSL			S Cage Road to West End of O-7	Hard
				Hard
MCS			East End of O-4A to S Conway Ave	Hard
MCS			S Conway Ave to West End of O-5	Hard
RGC			Project O-3	Hard
RGC			Project O-1	Hard
MCS			Across Levee	Hard

10, golf course, wildlife refuge

## Comments

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Non-starter - cant block the floodplain

Priority	Project #
1	(b) (7)(E)
2	
3	
4	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
N/A	

(b) (7)(E)

Activity\_Report


EO Border Wall Construction Rigor Report

Schedule Variance Legend:				
<div>R</div>	<div>Y</div>	<div>G</div>	<div>B</div>	
High (> 20%)	Medium (10-20%)	Low (<10%)	Completed	

Management's Assessment Legend:			
<div>R</div>	<div>Y</div>	<div>G</div>	
High severity risks - considerable schedule delays	Medium severity risks - tasks slightly behind schedule	On-target	









Activities Returned (16)

#	Pri	SV	MA	Status	Project	Functional Area	Topic	% Comp	Due Date	Responsible/Assigned To
1	1	<div>G</div>	<div>G</div>	Not Started	EO Border Wall Construction	Office of Facilities and Asset Management	<b>Prototype - Award Contract</b> 06/09/2017 (b)(6)(b)(7)(C) : Proposals due from vendors on 6/12. Source Selection to begin on 6/14.	0%	07/31/2017	(b)(6)(b)(7)(C)

#	Pri	SV	MA	Status	Project	Functional Area	Topic	% Comp	Due Date	Responsible/Assigned To
2	2			Not Started	EO Border Wall Construction	Office of Facilities and Asset Management	<b>Prototype - Congressional Notification</b>	0%	07/31/2017	(b)(6)(b)(7)(C)
3	2			Completed	EO Border Wall Construction	Office of Facilities and Asset Management	<b>RGV Projects - Award A/E Contract</b> 06/16/2017 (b)(6)(b)(7)(C) Contract awarded Wednesday, June 14th. Kick off meeting week of the 19th.	100%	06/12/2017	(b)(6)(b)(7)(C)
4	2			Completed	EO Border Wall Construction	Office of Facilities and Asset Management	<b>SDC Projects - Award A/E Contract</b> 06/16/2017 (b)(6)(b)(7)(C) Contract awarded Wednesday, June 14th. Kick off meeting next week.	100%	06/12/2017	(b)(6)(b)(7)(C)
5	1			Completed	EO Border Wall Construction	Office of Facilities and Asset Management	<b>Prototype - Phase 1 RFPs Issued</b>	100%	03/17/2017	(b)(6)(b)(7)(C)
6	2			Completed	EO Border Wall Construction	Office of Facilities and Asset Management	<b>RGV Projects - Award Red Team Contract</b>	100%	05/02/2017	(b)(6)(b)(7)(C)
7	1			Completed	EO Border Wall Construction	Office of Facilities and Asset Management	<b>Prototype - Phase 2 RFPs Issued</b>	100%	05/15/2017	(b)(6)(b)(7)(C)
8	1			Completed		Office of Facilities and	<b>Prototype - Conduct Contractor Site Visit</b>	100%	05/19/2017	(b)(6)(b)(7)(C)

#	Pri	SV	MA	Status	Project	Functional Area	Topic	% Comp	Due Date	Responsible/ Assigned To
					EO Border Wall Construction	Asset Management	05/12/2017 (b)(6)(b)(7)(C) A: Site Visits were successful.			(b)(6)(b)(7)(C)
<b>RGV Outreach Strategy Development</b>										
9	2	B	G	Completed	EO Border Wall Construction	Office of Facilities and Asset Management	05/22/2017 (b)(6)(b)(7)(C) : Outreach includes FY18 RGV Border Wall Projects. Strategy is complete, however coordination with key stakeholders will be ongoing. No private landowner outreach will be done until funding is received.	100%	05/26/2017	
<b>Prototype - Phase 2 Proposals</b>										
10	1	B	G	Completed	EO Border Wall Construction	Office of Facilities and Asset Management	06/16/2017 (b)(6)(b)(7)(C) : Anticipated award July 31 with proposal reviews Jun 14-July 5th	100%	06/12/2017	
<b>San Diego Environmental Waiver</b>										
11	1	G	G	In Progress	EO Border Wall Construction	Office of Facilities and Asset Management	05/22/2017 (b)(6)(b)(7)(C) : All applicable laws and all location information has been documented.	20%	08/01/2017	
<b>Acquisition Review Committee (ARC)</b>										
12	3	G	G	Not Started	EO Border Wall Construction	Office of Facilities and Asset Management	05/19/2017 (b)(6)(b)(7)(C) : Currently the CEBD, PMP, and CONOPS are out for review and comment. The remaining documentation is 40% complete or more	0%	09/03/2017	



#	Pri	SV	MA	Status	Project	Functional Area	Topic	% Comp	Due Date	Responsible/ Assigned To
13	1			Not Started	EO Border Wall Construction	Office of Facilities and Asset Management	<b>Prototype - Construction</b> 05/19/2017 (b)(6)(b)(7)(C) Discussions are underway to extend the 30 day period of performance.	0%	09/07/2017	(b)(6)(b)(7)(C)
14	3			Not Started	EO Border Wall Construction	Office of Facilities and Asset Management	<b>Acquisition Review Team (ART)</b> 05/19/2017 (b)(6)(b)(7)(C) : Currently the CEBD, PMP, and CONOPS are out for review and comment. The remaining documentation is 40% complete or more	0%	09/16/2017	(b)(6)(b)(7)(C)
15	1			Not Started	EO Border Wall Construction	Office of Facilities and Asset Management	<b>Prototype - Testing</b> 06/09/2017 (b)(6)(b)(7)(C) : Prototype test and evaluation protocol complete.	0%	10/13/2017	(b)(6)(b)(7)(C)
16	1			Partial Completion	EO Border Wall Construction	Office of Facilities and Asset Management	<b>Acquisition Decision Event (ADE) 2</b> 05/19/2017 (b)(6)(b)(7)(C) : Currently the CEBD, PMP, and CONOPS are out for review and comment. The remaining documentation is 40% complete or more.	50%	10/16/2017	(b)(6)(b)(7)(C)

Showing 1 to 16 of 16 activities

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Row Labels	Sum of Band 1	Sum of Band 2
New PV-1	(b) (7)(E)	(b) (7)(E)
New Secondary/Enforcement Zone		
Replace existing Ped/Veh Barrier with PV-1		
Replace existing Secondary Barrier		
<b>Grand Total</b>		

	FY17 Requirements*	FY18 Requirements**
New PV-1	(b) (7)(E)	(b) (7)(E)
New Secondary/Enforcement Zone		
Replace existing Ped/Veh Barrier with PV-1		
Replace existing Secondary Barrier		
<b>Grand Total</b>		

\*Includes (b) (7)(E) of Primary PF replacement in San Diego, Calexico, and El Paso. Includes (b) (7)(E) of VF in El Paso.

\*\*Includes replacement of San Diego BIS Secondary Fence, (b) (7)(E) of Levee Wall in Rio Grande Valley, and (b) (7)(E) of new PV-1 in Rio Grande Valley.

Note: Mileage in Bands 1-3 is currently being validated in the GIS and is subject to change.

Sum of Band 3	(b) (7)(E)

Remaining Band 1	Band 2	Band 3
	(b) (7)(E)	

rande Valley.

**Type**

New PV-1

New Secondary/Enforcement Zone

Replace existing Ped/Veh Barrier with PV-1

Replace existing Secondary Barrier

Sector	Band 1	Band 2	Band 3
LRT			
LRT	(b) (7)(E)		0
LRT	0	0	0
LRT	0	0	0

Sector	GRN	YEL	RED	Total
SDC EPT	(b) (7)(E)			

Sector	GRN	YEL
SDC EPT	(b) (7)(E)	

RED	Total
0	(b) (7)(E)
0	

Sector	GRN	YEL	RED	Total
SDC	(b) (7)(E)			

# Wall Acquisition Executive Steering Committee (ESC)

August 24, 2017



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# Agenda

- Acquisition Management
- Waiver Status and Buy American Act
- FY18 President's Budget Request Update
- Back-up Slides



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# Acquisition Management



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# Acquisition Management

- OFAM and OA are currently reviewing the ADE-2A/B in order to compress schedule to complete by September 30.
- Cost Estimating Baseline Decision (CEBD) and Life Cycle Cost Estimate (LCCE):
  - The CEBD forms the basis of the Independence Government Estimates and Life-Cycle Costs for new wall construction projects.
  - CEBD is complete (with coordination with the DHS Cost Accounting Division (CAD)) and is with OA for final signature.
- Integrated Logistics Support Plan (ILSP)
  - ILSP was completed on August 3 and is with OA for signature.
- Alternatives Analysis (AA)
  - Key stakeholders (USBP, OA, OFAM and JHU/Applied Physics Laboratory) had kickoff meeting on July 28 defined milestones, scope and expectations.
  - AA Study Plan is with OA for signature, expected to be completed September 15.
- Prequalification of Sources Procurement Method
  - The U.S. Army Corps of Engineers (USACE) Sources Sought has established a list of contractors and is available for contracts.
- Acquisition Plan
  - Acquisition Plan for prototypes was drafted by OFAM and is currently with DHS for signature.
  - Acquisition Plan for <sup>(b)(7)(F)</sup>RGV miles was drafted by OFAM and USACE. Currently under internal review and expected to be routed to DHS on September 15.



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# Integrated Master Schedule

- The Integrated Master Schedule (IMS) displays all engineering and acquisition activities and dependencies as they pertain to requirements under Management Direction 102-01 (*i.e.*, Acquisition Decision Events 2A to 2B), Border Barrier Prototype Project, and the Rio Grande Valley (RGV) Levee Wall Project.
- OFAM continues to incorporate input from stakeholders.
- Updated IMS draft with baseline dates was completed and presented to EAC Kolbe on July 31.
  - Approved by CI on August 7.
  - Meeting with DHS Acting Deputy Secretary and Office of Program Analysis and Evaluation (PA&E) scheduled for September 13.
  - IMS will be shared with OMB following the meeting with DHS.



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# Waiver Status and Buy American Act



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- **San Diego Waiver**

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# FY18 Environmental Waivers (OCC)

Priority No.	Sector	Project Coverage	Planned Date of Transmission to Department	Signed by SI
I.	RGV	Phase I (b) (7)(E)	(b) (5)	

(b) (5)



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# Buy American Act (OCC)

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



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# FY17 San Diego Sector Border Wall Prototype

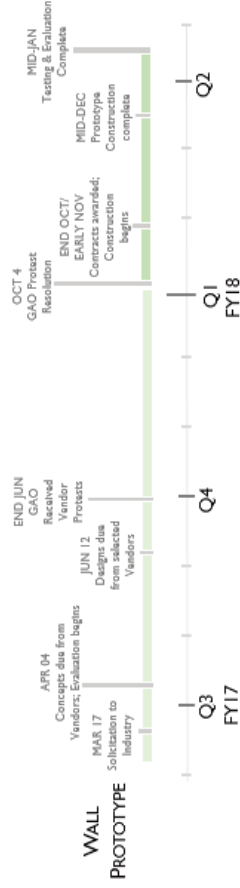
## Project Description

- Industry-tested approach to define the best solution when considering a new product or methodology.
- Approximately twenty offerors (from each solicitation – concrete and “unspecified materials”)
- will be selected for the down select pools.
- Solicitation of cost/price and technical proposals will take place so that awards can be made for multiple prototype builds.

## Funding/Cost

- Funding is allocated from the FY17 \$20M Reprogramming.
- Up to 8 prototypes at \$500K each = \$4M.
- Fencing and security, site preparation and equipment, testing and evaluation, and contingency planning = \$2M.

## Schedule\*



\*Assumes GAO voids the vendor protest



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## Status Update

- The anticipated award date remains contingent on resolution of the GAO protests, but the source selection teams continue to work on their comparative analysis (which will include the fifth vendor's proposal) while the protest is being decided.
- Assuming the GAO voids the vendor protest:
  - Anticipated award – October 31.
  - Anticipated construction start – November 2017.
  - Prototype Completion – December 2017.
- If GAO sustains the vendor protest, CBP will be required to take corrective action including inviting the protesting vendor and any similarly situated vendors to submit full technical and pricing proposals – this will add 60+ days to the revised schedule.



# FY18 President's Budget Request



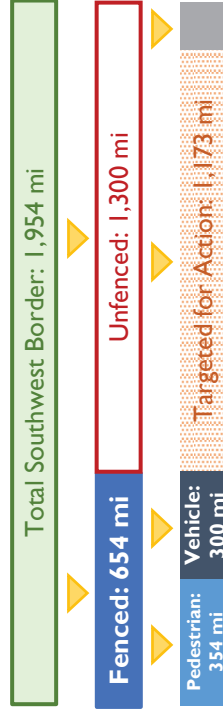
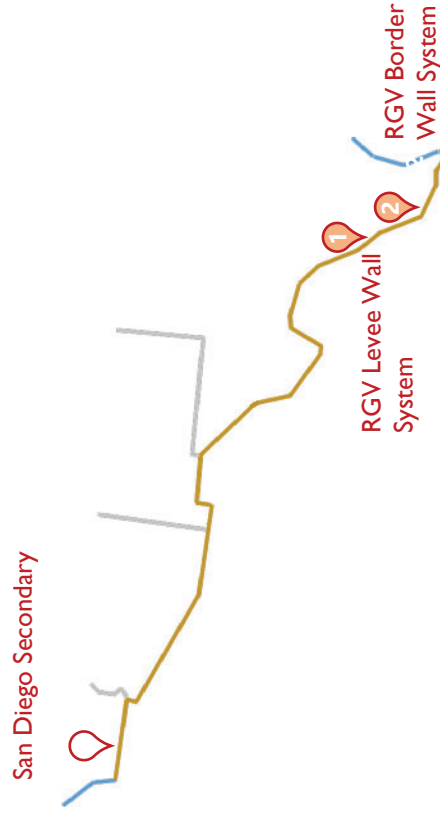
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BW8 FOIA CBP 002190

# FY18 Border Wall Planned Expenditures

## Planned Projects



(b) (7)(E)

\* Planned expenditures are based upon U.S. Border Patrol operational requirements, constructability & OMB guidance.

Reprogramming   \$20M			
Planned – March 2017	Distribution	Adjusted Planned – May 2017	Distribution
<b>Planning</b> - Real Estate – RGV - Environmental – RGV & SDC - Architectural/Engineering (A/E) – RGV	\$12M	<b>Planning</b> - Real Estate – RGV - Environmental – RGV & SDC - Acquisition – RGV	\$10M
A/E Prototype, SDC and Wall Toolkit, Additional RGV as needed	\$6M	A/E Prototype, SDC and Wall Toolkit, RGV	\$4M
Prototype Construction	\$2M	Prototype Construction & Related Support (site prep, evaluation, testing, security)	\$6M

FY 2018 President's Budget Request   \$1.57B				
	Type	Barrier	Qty	Cost
<b>1</b> Rio Grande Valley – Levee Wall System	New	Single	28 mi	\$498M
<b>2</b> Rio Grande Valley – Border Wall System	New	Single	32 mi	(b) (5)
<b>3</b> San Diego Secondary Wall	Replace	Single	14 mi	\$251M
Planning for FY 2019 & Beyond	N/A	N/A	N/A	\$38M

# FY18 Rio Grande Valley Sector New Levee Wall System

## Project Description

- Construction of ~28 miles of levee wall system in the McAllen and Weslaco Station Areas of Responsibility (AOR).

## Funding/Cost

- \$498M requested in President's Budget
- \$17.8M/mile X 28 miles = \$498M
  - Reprogramming: (b) (5) for 100% A/E Design for first (b) (5)

## Schedule\*

(b) (5)

\* Assumes funding received by October 16



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## Status Update

- Real estate and environmental planning underway.
  - Assumes use of waiver.
  - Title search underway.
- Contract for first ~3 miles will be design-bid-build.
- 65% design meeting was held on August 21 for the ~3 mile project in RGV. The project is still on schedule for Ready to Advertise (RTA) in mid-October and construction start of mid-January, pending availability of funds on October 16.
- Executive level meeting with CBP/FEMA/IBWC/USACE to discuss support for levee construction will be held on August 24.

- BAA decision needed by September 30, 2017  
BWA POF ACP 002192

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# FY18 Rio Grande Valley Sector New Border Wall System

Project Description	Funding/Cost
<ul style="list-style-type: none"> <li>Construction of ~32 miles of border wall system in the Rio Grande City (RGC) &amp; McAllen Station (MCS) area of responsibility.</li> <li>This border barrier system includes a combination of various types of infrastructure such as wall, fence, lighting, enforcement cameras and other related technology, and all-weather roads.</li> </ul>	<ul style="list-style-type: none"> <li>\$(b) (5)M requested in President's Budget.</li> <li>(b) (5)M/mile X (b) (5) miles = (b) (5)M.</li> <li>Includes construction planning, ~ (b) (7)(E)</li> </ul>
Schedule*	Status Update
<ul style="list-style-type: none"> <li>June 2018 – tentative wall construction starts, pending funding, real estate, etc.</li> </ul>	<ul style="list-style-type: none"> <li>Contract for hydrology and hydraulics study expected to award in August.</li> <li>USBP/OFAM currently finalizing locations and alignment, dependent on hydrology and hydraulics study.</li> <li>Title research underway.</li> <li>Worked with Starr County and will be granted access to all real estate records.</li> </ul>

\*Subject to availability of real estate



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# FY18 San Diego Sector Secondary Fence Replacement

<p>Project Description</p> <ul style="list-style-type: none"><li>• ~14 miles of new border wall (replacing secondary fence) in the Border Infrastructure System.</li><li>• Readily executable due to Federally-owned land.</li></ul>	<p>Funding/Cost</p> <ul style="list-style-type: none"><li>• (b) (5)M requested in President's Budget.</li><li>• Rough Order of Magnitude: (b) (5)/mile X 14 miles = (b) (5)M.</li><li>• Reprogramming: (b) (5) for 100% A/E Design.</li></ul>
<p>Schedule*</p> <ul style="list-style-type: none"><li>• TBD pending disposition of protest</li></ul>	<p>Status Update</p> <ul style="list-style-type: none"><li>• Pending completion of prototype.</li></ul>



# Back-up Slides



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# ADE-2A to 2B: Status & Schedule

Document Title	Document Owner	Routed for Signature
Concept of Operations	Border Patrol	8/1/2017
Operational Requirements Document	Border Patrol	8/15/2017
Work Breakdown Structure	Office of Facilities and Asset Management	5/12/2017
Cost Estimating Baseline Document	Office of Facilities and Asset Management	7/26/2017
Integrated Master Schedule	Office of Facilities and Asset Management	5/1/2017
Road Design Standard	Office of Facilities and Asset Management	5/1/2017
Lighting Standards	Office of Facilities and Asset Management	5/10/2017
Wall Design Standards	Office of Facilities and Asset Management	5/1/2017
Levee Wall Design Standards	Office of Facilities and Asset Management	6/25/2017
FODS Design Standards	Office of Facilities and Asset Management	5/1/2017
Gates Design Standards	Office of Facilities and Asset Management	5/1/2017
SELC Tailoring Matrix	Office of Facilities and Asset Management	8/15/2017
Life Cycle Cost Estimate	Office of Facilities and Asset Management	9/15/2017
Border Patrol Priorities of the wall segment	Border Patrol	4/14/2017



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# ADE-2A to 2B: Status & Schedule

Document Title	Document Owner	Routed for Signature
Alternatives Analysis (AA)	Border Patrol & Air Marine PMO/AA Study Team	9/15/2017
Acquisition Plan	Office of Facilities and Asset Management	6/30/2017
Integrated Logistics Support Plan	Office of Facilities and Asset Management	8/15/2017
Acquisition Program Baseline (Prototype)	Office of Facilities and Asset Management	7/28/2017
Acquisition Program Baseline (60 RGV Mile)	Office of Facilities and Asset Management	9/15/2017
Test & Evaluation Master Plan	Office of Facilities and Asset Management	9/15/2017
Program Management Plan (PMP)	Office of Facilities and Asset Management	6/23/2017
Risk Management Plan	Office of Facilities and Asset Management	7/1/2017

Event	Responsible Party	Target Date
Acquisition Review Committee (ARC)	Office of Facilities and Asset Management	9/1/2017
Acquisition Review Team (ART)	Office of Facilities and Asset Management	9/16/2017
Acquisition Review Board (ADE-2A/2B)	Office of Facilities and Asset Management	10/16/2017



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BW8 FOIA CBP 002197



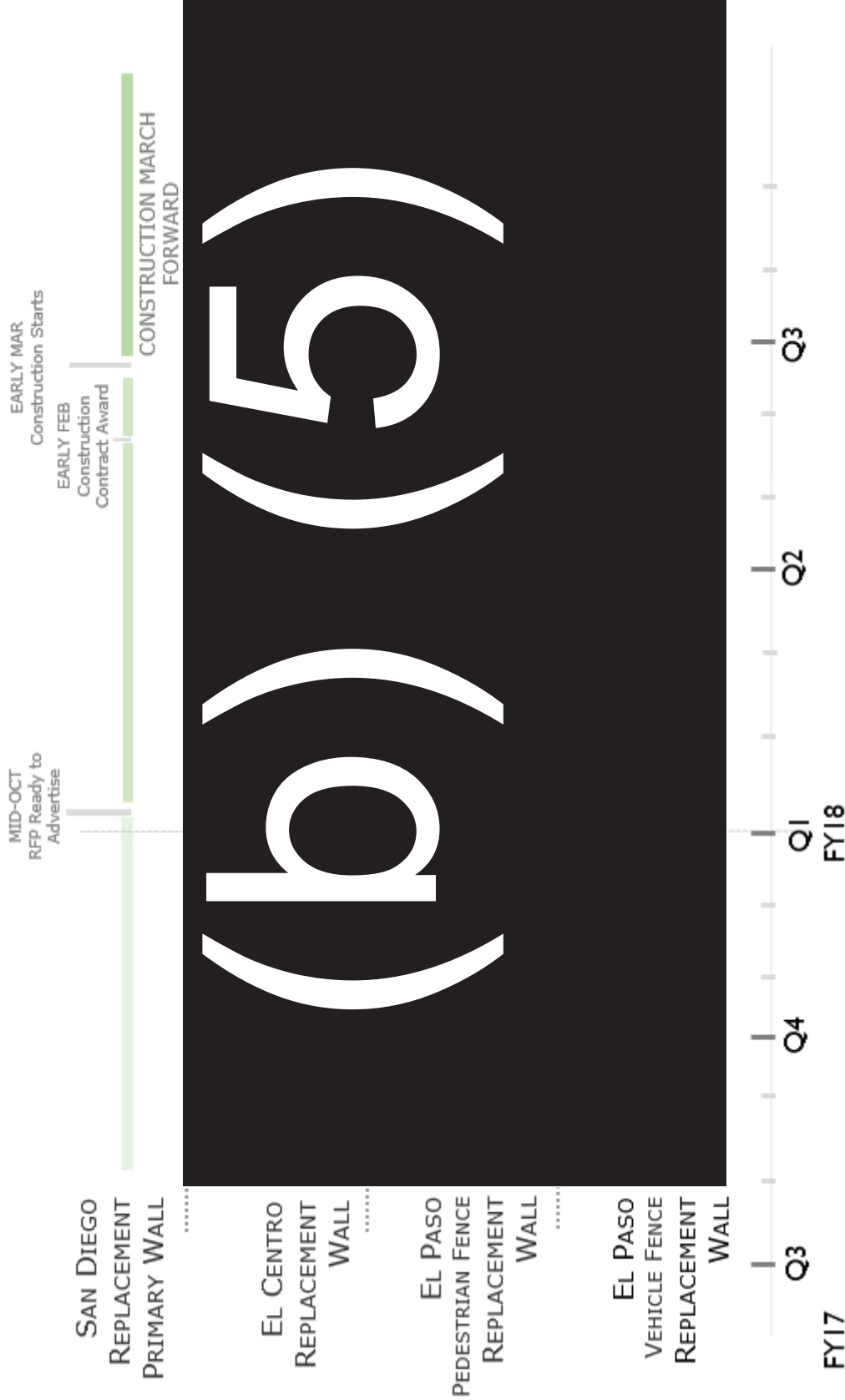
# FY17 Enacted Budget – Fence Replacement



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# FY17 Enacted Border Wall Schedules



Homeland Security

# FY 17 Environmental Waiver Status (OCC)

- El Centro Waiver

■ (b) (5)

■

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# FY17 Environmental Waivers (OCC)

Priority No.	Sector	Project Coverage	Planned Date of Transmission to Department	Signed by SI
1.	SDC	Prototype; Primary & secondary PF replacement	06/09/2017	07/26/17
2.	(b) (5)			
3.	(b) (5)			
4.	(b) (5)			
5.	(b) (5)			



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# Wall Acquisition ESC

- **Purpose of the Wall Executive Steering Committee (ESC):**
  - The ESC provides a recurring, formalized opportunity for the Chief Acquisition Executive (CAE) and appropriate DHS and CBP leadership and technical experts to engage in appropriate oversight of the proposed Wall investment, in accordance with Department policies and procedures, to ensure sound management, review, support and oversight of Wall-related activities.
  - The scope for this ESC consists of the approval of 60 miles in Rio Grande Valley (RGV) sector with a proposed budget of \$1.28B of the total \$1.57B requested in FY2018.
- **Program Manager:** (b) (6), (b) (7)(C), Program Manager Level 3
- **Facilitator:** Mark Borkowski, CBP Chief Acquisition Executive
- **Frequency:** Monthly



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# Homeland Security

# ROUGH CONCEPT

U.S.

(b) (5), (b) (7)(E)

MEXICO





**Draft Schedule**

<b>BASE CONTRACT</b>	<b>Start</b>	<b>End</b>	<b>Duration (days)</b>	<b>Responsible Party</b>
RFP Development	2/21/2017	2/22/2017	1.5	BPAM
RFP Review & Comments (internal)	2/22/2017	2/23/2017	1	OCC/BPAM
RFP Review (Leadership)	2/23/2017	2/24/2017	1	IPT
Solicit	2/24/2017	2/27/2017	3	PROC
National Security Process J&A	2/23/2017	3/2/2017	7	PROC
Technical Evaluation	2/27/2017	3/2/2017	3	BPAM
Congressional Notification	3/2/2017	3/7/2017	5	PROC
Award	3/7/2017	3/8/2017	1	PROC
A/E Product Development	3/8/2017	3/29/2017	21	CTR
Review Prototypes and Report	3/29/2017	3/30/2017	1	BPAM/PROC
Comments Addressed	3/30/2017	4/2/2017	3	CTR
Briefing in Washington, DC to IPT	4/2/2017	4/3/2017	1	IPT
RFP Package Development	4/3/2017	4/10/2017	7	CTR
RFP Support During Solicitation	4/10/2017	5/1/2017	21	CTR
RFP Support During Construction	5/1/2017	6/30/2017	60	CTR

Assumptions
Assume concurrent & expedited reviews
Assumes BSFIT D&D Funding
Assumes design development

**Deliverables****Perf. Period**

Schedule & Plan (how to develop design analysis)	Base
Report on design analysis, research, etc.	Base
4 prototype designs sufficient for construction	Base
Construction Cost Estimate (Prototypes)	Base
Formal Presentation of Design & Research (Washington, DC)	Base
Preparation of construction RFP documents (Prototypes)	Base
RFP Support during advertisement / Solicitation (Prototype)	Base
RFP Support during construction (Prototype)	Base

Construction Cost Estimate (BIS)	Option
Preparation of construction RFP documents (BIS)	Option
RFI Support during advertisement / Solicitation (BIS)	Option
RFI Support during construction (BIS)	Option
follow on design (final design), 60, 90, 100% design (Design Standard)	Option

Due Date

(b) (5)


## RFP Requirements

### Typical TI Corridor in High Pedestrian Area

- Existing primary fencing
- Drag road (b) (7)(E)
- Fiber Optic Distributed Sensing (FODS)
- Patrol Road (b) (7)(E)
- Lights (b) (7)(E)
- RVSS cameras (that can view the entire TI corridor)
- Secondary Wall (Requirements TBD)
- Two-track road (b) (7)(E)

### Wall Requirements

(b) (7)(E), (b) (5)

### Characteristics/Alternatives to Be Considered By A/E Relative to Prototype

- Concrete design-structural
- Anti-dig options
- Anti-climb features
- Surface drainage features
- Visibility options
- Aesthetic alternatives
- Vandalism resistant
- Construction and Life Cycle Costs
- Constructability (includes transportation, materials availability)
- Speed of construction

## Wall Performance Requirements

(b) (7)(E)

## Assumptions

RVSS North side of wall - less chance of damage to (b) (7)(E)

(b) (7)(E)

Don't have time nor do we want to put an RVSS tower up as a faux tower. Need to carry the message of requirement vs prototype.  
Part of tower needs to be the system in the BIS that exists

## Schedule V1

BASE CONTRACT	Start	End
RFP Development	Tuesday, February 28, 2017	Friday, March 03, 2017
RFP Review & Comments (internal)	Friday, March 03, 2017	Tuesday, March 07, 2017
RFP Review (Leadership)	Tuesday, March 07, 2017	Wednesday, March 08, 2017
Reprogramming (Funding)	Wednesday, March 01, 2017	Thursday, March 16, 2017
Solicit Phase 1 RFP	Wednesday, March 08, 2017	Monday, March 20, 2017
SSEB Downselect	Monday, March 20, 2017	Sunday, March 26, 2017
Issue Advisory Letters	Sunday, March 26, 2017	Wednesday, March 29, 2017
Solicit Phase 2 RFP	Wednesday, March 29, 2017	Friday, April 28, 2017
Site Visit - Contractors	Wednesday, April 12, 2017	Thursday, April 13, 2017
Technical Evaluation (SSEB)	Friday, April 28, 2017	Friday, May 05, 2017
Board Report Complete / SSA Decision	Friday, May 05, 2017	Monday, May 08, 2017
Contract Document Development	Monday, May 08, 2017	Monday, May 15, 2017
Final legal review	Monday, May 15, 2017	Tuesday, May 16, 2017
Congressional Notification	Monday, May 15, 2017	Saturday, May 20, 2017
<b>Award</b>	<b>Monday, May 22, 2017</b>	<b>Monday, May 22, 2017</b>
Kick-off Meeting	Tuesday, May 30, 2017	Wednesday, May 31, 2017
Construction	Wednesday, May 31, 2017	Friday, June 30, 2017
<b>Prototype Complete</b>	<b>Friday, June 30, 2017</b>	<b>Friday, June 30, 2017</b>



Duration (days)	Responsible Party	Assumptions
1.5	BPAM	
4	OCC/BPAM	OFAM, Procurement OCC
1	PMO/IPT	Wall IPT
15	Budget	
12	PROC	
6	PMO	Advisory down-select (confidence ratings) - Assume 10-12
3	PROC	Issue RFP to all after Advisory Letters
30	PROC	
1	PMO/CTR	Coordinate with USBP / Procurement
7	BPAM	Includes concurrent counsel
3	PMO	
7	PROC	
1	OCC	concurrent with CN
5	PROC	BSFIT D&D Funding
0	PROC	Award on Monday
1	CTR/BPAM	10 days req'd for bonding, plan and schedule to Gov @ Mtg
30	CTR	
0	CTR	

**Deliverables****Perf. Period**

Schedule & Plan (how to develop design analysis)	Base
Report on design analysis, research, etc.	Base
4 prototype designs sufficient for construction	Base
Construction Cost Estimate (Prototypes)	Base
Formal Presentation of Design & Research (Washington, DC)	Base
Preparation of construction RFP documents (Prototypes)	Base
RFP Support during advertisement / Solicitation (Prototype)	Base
RFP Support during construction (Prototype)	Base
Construction Cost Estimate (BIS)	New Contract
Preparation of construction RFP documents (BIS)	New Contract
RFI Support during advertisement / Solicitation (BIS)	New Contract
RFI Support during construction (BIS)	New Contract
follow on design (final design), 60, 90, 100% design (Design Standard)	New Contract

Due Date

(b) (5)


## RFP Requirements

### Typical TI Corridor in High Pedestrian Area

- Existing primary fencing
- Drag road (b) (7)(E)
- Fiber Optic Distributed Sensing (FODS)
- Patrol Road (b) (7)(E)
- Lights (b) (7)(E)
- RVSS cameras (that can view the entire TI corridor)
- Secondary Wall (Requirements TBD)
- Two-track road (b) (7)(E)

### Wall Requirements

(b) (7)(E)

### Characteristics/Alternatives to Be Considered By A/E Relative to Prototype

- Concrete design-structural
- Anti-dig options
- Anti-climb features
- Surface drainage features
- Visibility options
- Aesthetic alternatives
- Vandalism resistant
- Construction and Life Cycle Costs
- Constructability (includes transportation, materials availability)
- Speed of construction

Wall Performance Requirements

(b) (7)(E)

Questions for the group:

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.

(b) (5)

(b) (5)

(b) (5)

(b) (5)



(b) (5)

## Assumptions

[REDACTED] in wall [REDACTED]  
[REDACTED]

Don't have time nor do we want to put an RVSS tower up as a faux tower. Need to carry the message of requirement vs prototype.  
Part of tower needs to be the system in the BIS that exists

Prototype is only going to focus on the wall. Standards that exist for RVSS, lighting, roads, etc. will be overlayed into system design.  
For Wall IPT presentation, we need to make sure that RVSS, TACCOM, etc. information is available prior to the brief.

Need to develop a ConOps.

- lighting and road standards (BPAM)

- RVSS standards (OTIA)

- TACCOM (WSPD)

RVSS North side of wall - less chance of damage to [REDACTED]

## Schedule V1

BASE CONTRACT	Start	End
RFP Development	Tuesday, February 28, 2017	Friday, March 03, 2017
RFP Review & Comments (internal)	Friday, March 03, 2017	Tuesday, March 07, 2017
RFP Review (Leadership)	Tuesday, March 07, 2017	Wednesday, March 08, 2017
Reprogramming (Funding)	Wednesday, March 01, 2017	Thursday, March 16, 2017
Solicit Phase 1 RFP	Wednesday, March 08, 2017	Monday, March 20, 2017
SSEB Downselect	Monday, March 20, 2017	Sunday, March 26, 2017
Issue Advisory Letters	Sunday, March 26, 2017	Wednesday, March 29, 2017
Solicit Phase 2 RFP	Wednesday, March 29, 2017	Friday, April 28, 2017
Site Visit - Contractors	Wednesday, April 12, 2017	Thursday, April 13, 2017
Technical Evaluation (SSEB)	Friday, April 28, 2017	Friday, May 05, 2017
Board Report Complete / SSA Decision	Friday, May 05, 2017	Monday, May 08, 2017
Contract Document Development	Monday, May 08, 2017	Monday, May 15, 2017
Final legal review	Monday, May 15, 2017	Tuesday, May 16, 2017
Congressional Notification	Monday, May 15, 2017	Saturday, May 20, 2017
<b>Award</b>	<b>Monday, May 22, 2017</b>	<b>Monday, May 22, 2017</b>
Kick-off Meeting	Tuesday, May 30, 2017	Wednesday, May 31, 2017
Construction	Wednesday, May 31, 2017	Friday, June 30, 2017
<b>Prototype Complete</b>	<b>Friday, June 30, 2017</b>	<b>Friday, June 30, 2017</b>

Duration (days)	Responsible Party	Assumptions
1.5	BPAM	
4	OCC/BPAM	OFAM, Procurement OCC
1	PMO/IPT	Wall IPT
15	Budget	
12	PROC	
6	PMO	Advisory down-select (confidence ratings) - Assume 10-12
3	PROC	Issue RFP to all after Advisory Letters
30	PROC	
1	PMO/CTR	Coordinate with USBP / Procurement
7	BPAM	Includes concurrent counsel
3	PMO	
7	PROC	
1	OCC	concurrent with CN
5	PROC	BSFIT D&D Funding
<b>0</b>	<b>PROC</b>	Award on Monday
1	CTR/BPAM	10 days req'd for bonding, plan and schedule to Gov @ Mtg
30	CTR	
<b>0</b>	<b>CTR</b>	

## Schedule V1

BASE CONTRACT	Start	End
RFP Development	Tuesday, February 28, 2017	Friday, March 03, 2017
RFP Review & Comments (internal)	Friday, March 03, 2017	Tuesday, March 07, 2017
RFP Review (Leadership)	Tuesday, March 07, 2017	Wednesday, March 08, 2017
Reprogramming (Funding)	Wednesday, March 01, 2017	Thursday, March 16, 2017
Solicit RFP (Phase 1)	Wednesday, March 08, 2017	Monday, March 20, 2017
<b>Design Concept Papers Due</b>	<b>Monday, March 20, 2017</b>	<b>Monday, March 20, 2017</b>
SSEB Downselect	Monday, March 20, 2017	Sunday, March 26, 2017
Issue Advisory Letters	Sunday, March 26, 2017	Wednesday, March 29, 2017
Solicit Phase 2 RFP	Wednesday, March 29, 2017	Friday, April 28, 2017
Site Visit - Contractors	Wednesday, April 12, 2017	Thursday, April 13, 2017
Technical Evaluation (SSEB)	Friday, April 28, 2017	Friday, May 12, 2017
Board Report Complete / SSA Decision	Friday, May 12, 2017	Monday, May 15, 2017
Contract Document Development	Monday, May 15, 2017	Monday, May 22, 2017
Final legal review	Monday, May 22, 2017	Tuesday, May 23, 2017
Congressional Notification	Monday, May 22, 2017	Saturday, May 27, 2017
<b>Award</b>	<b>Monday, May 29, 2017</b>	<b>Monday, May 29, 2017</b>
Kick-off Meeting	Tuesday, June 06, 2017	Wednesday, June 07, 2017
Construction	Wednesday, June 07, 2017	Friday, July 07, 2017
<b>Prototype Complete</b>	<b>Friday, July 07, 2017</b>	<b>Friday, July 07, 2017</b>

Duration (days)	Responsible Party	Assumptions
1.5	BPAM	
4	OCC/BPAM	OFAM, Procurement OCC
1	PMO/IPT	Wall IPT
15	Budget	
12	PROC	
<b>0</b>		
6	PMO	Advisory down-select (confidence ratings) - Assume 10-12
3	PROC	Issue RFP to all after Advisory Letters
30	PROC	
1	PMO/CTR	Coordinate with USBP / Procurement
14	BPAM	Includes concurrent counsel
3	PMO	
7	PROC	
1	OCC	concurrent with CN
5	PROC	BSFIT D&D Funding
<b>0</b>	<b>PROC</b>	Award on Monday
1	CTR/BPAM	10 days req'd for bonding, plan and schedule to Gov @ Mtg
30	CTR	
<b>0</b>	<b>CTR</b>	

Schedule V1

BASE CONTRACT	Start	End	Duration (days)	Responsible Party
RFP Development	Tuesday, February 28, 2017	Friday, March 03, 2017	3	OFAM
RFP Review & Comments (internal)	Friday, March 03, 2017	Tuesday, March 07, 2017	4	OCC/OFAM
RFP Review (Leadership)	Tuesday, March 07, 2017	Wednesday, March 08, 2017	1	PMO/IPT
Reprogramming (Funding)	Wednesday, March 01, 2017	Thursday, March 16, 2017	15	Budget
Solicit RFP	Wednesday, March 08, 2017	Monday, March 20, 2017	12	PROC
<b>Design Concept Papers Due</b>	<b>Monday, March 20, 2017</b>	<b>Monday, March 20, 2017</b>	<b>0</b>	<b>CTR</b>
SSEB Downselect	Monday, March 20, 2017	Monday, April 03, 2017	14	PMO
Site Visit - Contractors	Monday, April 17, 2017	Tuesday, April 18, 2017	1	PMO/CTR
<b>Design Proposals Received</b>	<b>Wednesday, May 03, 2017</b>	<b>Wednesday, May 03, 2017</b>	<b>0</b>	<b>PROC</b>
Technical & Price Evaluation (SSEB)	Wednesday, May 03, 2017	Wednesday, May 17, 2017	14	BPAM
<b>ENV Waiver Signed &amp; Published</b>	<b>Monday, May 01, 2017</b>	<b>Monday, May 01, 2017</b>	<b>0</b>	<b>OCC/OGC</b>
Board Report Complete / SSA Decision	Wednesday, May 17, 2017	Saturday, May 20, 2017	3	PMO
Contract Document Development	Saturday, May 20, 2017	Saturday, May 27, 2017	7	PROC
Final legal review	Monday, May 29, 2017	Tuesday, May 30, 2017	1	OCC
Congressional Notification	Monday, May 29, 2017	Saturday, June 03, 2017	5	PROC
<b>Award</b>	<b>Monday, June 05, 2017</b>	<b>Monday, June 05, 2017</b>	<b>0</b>	<b>PROC</b>
Kick-off Meeting	Tuesday, June 13, 2017	Wednesday, June 14, 2017	1	CTR/OFAM
Construction	Wednesday, June 14, 2017	Friday, July 14, 2017	30	CTR
<b>Prototype Complete</b>	<b>Friday, July 14, 2017</b>	<b>Friday, July 14, 2017</b>	<b>0</b>	<b>CTR</b>
<p><b>**NOTE: OFAM &amp; OA will be building the additional timelines associated with the 14 miles today (3/2) and will include in the overall timeline discussion at tomorrow's Wall IPT</b></p>				

Schedule V1

BASE CONTRACT	Start	End	Duration (days)	Responsible Party
RFP Development	Tuesday, February 28, 2017	Friday, March 03, 2017	3	OFAM
RFP Review & Comments (internal)	Friday, March 03, 2017	Tuesday, March 07, 2017	4	OCC/OFAM
RFP Review (Leadership)	Tuesday, March 07, 2017	Wednesday, March 08, 2017	1	PMO/IPT
Reprogramming (Funding)	Wednesday, March 01, 2017	Thursday, March 16, 2017	15	Budget
Solicit RFP	Wednesday, March 08, 2017	Monday, March 20, 2017	12	PROC
<b>Design Concept Papers Due</b>	<b>Monday, March 20, 2017</b>	<b>Monday, March 20, 2017</b>	<b>0</b>	<b>CTR</b>
SSEB Downselect	Monday, March 20, 2017	Monday, April 03, 2017	14	PMO
Site Visit - Contractors	Monday, April 17, 2017	Tuesday, April 18, 2017	1	PMO/CTR
<b>Design Proposals Received</b>	<b>Wednesday, May 03, 2017</b>	<b>Wednesday, May 03, 2017</b>	<b>0</b>	<b>PROC</b>
Technical & Price Evaluation (SSEB)	Wednesday, May 03, 2017	Wednesday, May 17, 2017	14	BPAM
<b>ENV Waiver Signed &amp; Published</b>	<b>Monday, May 01, 2017</b>	<b>Monday, May 01, 2017</b>	<b>0</b>	<b>OCC/OGC</b>
Board Report Complete / SSA Decision	Wednesday, May 17, 2017	Saturday, May 20, 2017	3	PMO
Contract Document Development	Saturday, May 20, 2017	Saturday, May 27, 2017	7	PROC
Final legal review	Monday, May 29, 2017	Tuesday, May 30, 2017	1	OCC
Congressional Notification	Monday, May 29, 2017	Saturday, June 03, 2017	5	PROC
<b>Award</b>	<b>Monday, June 05, 2017</b>	<b>Monday, June 05, 2017</b>	<b>0</b>	<b>PROC</b>
Kick-off Meeting	Tuesday, June 13, 2017	Wednesday, June 14, 2017	1	CTR/OFAM
Construction	Wednesday, June 14, 2017	Friday, July 14, 2017	30	CTR
<b>Prototype Complete</b>	<b>Friday, July 14, 2017</b>	<b>Friday, July 14, 2017</b>	<b>0</b>	<b>CTR</b>

**\*\*NOTE:** OFAM & OA will be building the additional timelines associated with the 14 miles today (3/2) and will include in the overall timeline discussion at tomorrow's Wall IPT



Schedule V1

BASE CONTRACT	Start	End	Duration (days)	Responsible Party
RFP Development	Tuesday, February 28, 2017	Friday, March 03, 2017	3	OFAM
RFP Review & Comments (internal)	Friday, March 03, 2017	Tuesday, March 07, 2017	4	OCC/OFAM
RFP Review (Leadership)	Tuesday, March 07, 2017	Wednesday, March 08, 2017	1	PMO/IPT
Reprogramming (Funding)	Wednesday, March 01, 2017	Thursday, March 16, 2017	15	Budget
Solicit RFP	Wednesday, March 08, 2017	Monday, March 20, 2017	12	PROC
<b>Design Concept Papers Due</b>	<b>Monday, March 20, 2017</b>	<b>Monday, March 20, 2017</b>	<b>0</b>	<b>CTR</b>
SSEB Downselect	Monday, March 20, 2017	Monday, April 03, 2017	14	PMO
Site Visit - Contractors	Monday, April 10, 2017	Tuesday, April 11, 2017	1	PMO/CTR
<b>Design Proposals Received</b>	<b>Wednesday, May 03, 2017</b>	<b>Wednesday, May 03, 2017</b>	<b>0</b>	<b>PROC</b>
Technical & Price Evaluation (SSEB)	Wednesday, May 03, 2017	Wednesday, May 17, 2017	14	BPAM
<b>ENV Waiver Signed &amp; Published</b>	<b>Monday, May 01, 2017</b>	<b>Monday, May 01, 2017</b>	<b>0</b>	<b>OCC/OGC</b>
Board Report Complete / SSA Decision	Wednesday, May 17, 2017	Saturday, May 20, 2017	3	PMO
Contract Document Development	Saturday, May 20, 2017	Saturday, May 27, 2017	7	PROC
Final legal review	Monday, May 29, 2017	Tuesday, May 30, 2017	1	OCC
Congressional Notification	Monday, May 29, 2017	Saturday, June 03, 2017	5	PROC
<b>Award</b>	<b>Monday, June 05, 2017</b>	<b>Monday, June 05, 2017</b>	<b>0</b>	<b>PROC</b>
Kick-off Meeting	Tuesday, June 13, 2017	Wednesday, June 14, 2017	1	CTR/OFAM
Construction	Wednesday, June 14, 2017	Friday, July 14, 2017	30	CTR
<b>Prototype Complete</b>	<b>Friday, July 14, 2017</b>	<b>Friday, July 14, 2017</b>	<b>0</b>	<b>CTR</b>

**\*\*NOTE:** OFAM & OA will be building the additional timelines associated with the 14 miles today (3/2) and will include in the overall timeline discussion at tomorrow's Wall IPT

# CBP Enterprise Services

## Office of Facilities and Asset Management

### Wall Overview

#### Wall Program Capital Asset Tracking

June 29, 2017



U.S. Customs  
Border





# Project Summary – FY17

- The “Prototype” project will include four to eight designs built in San Diego.
  - Each design will be assessed to determine what will be included in the standard wall design moving forward.
  - Once the assessments are complete, the prototypes will be removed.
  - This project is being executed by CBP.
  - This project will be expensed
- The fence replacement projects will be the removal of “legacy” fence and construction of steel bollard wall.
  - There are four projects to be executed with FY17 funding.
  - These projects will be executed by the U.S. Army Corps of Engineers (USACE) and are funded via an Interagency Acquisition Agreement (IAA)
  - These projects will result in capital assets
- The Rio Grande Valley Sector Gate Project will include the construction of 35 gates.
  - This project will be executed by USACE and is funded via an IAA with FY17 funding
  - This project will result in capital assets



U.S. Customs  
Border



## Project Summary – FY18

- The Rio Grande Valley Wall System projects will include the construction of 60 miles of wall system
  - ***These projects are contingent on funding in FY18***
  - The wall system includes steel bollard wall, roads, lighting, surveillance technology, and fiber optic sensors
  - This project will be executed by USACE and will be funded via an IAA
  - FY17 work includes only planning activities. The proposed budget for FY18 would include funding for real estate acquisition and construction.
  - These projects will result in capital assets
- The San Diego Wall System project will include the construction of 14 miles of secondary wall
  - ***This project are contingent on funding in FY18***
  - The wall system includes steel bollard wall, roads, lighting, surveillance technology, and fiber optic sensors
  - This project will be executed by USACE and will be funded via an IAA
  - FY17 work includes only planning activities. The proposed budget for FY18 would include funding for real estate acquisition and construction.
  - These projects will result in capital assets



U.S. Customs  
Border



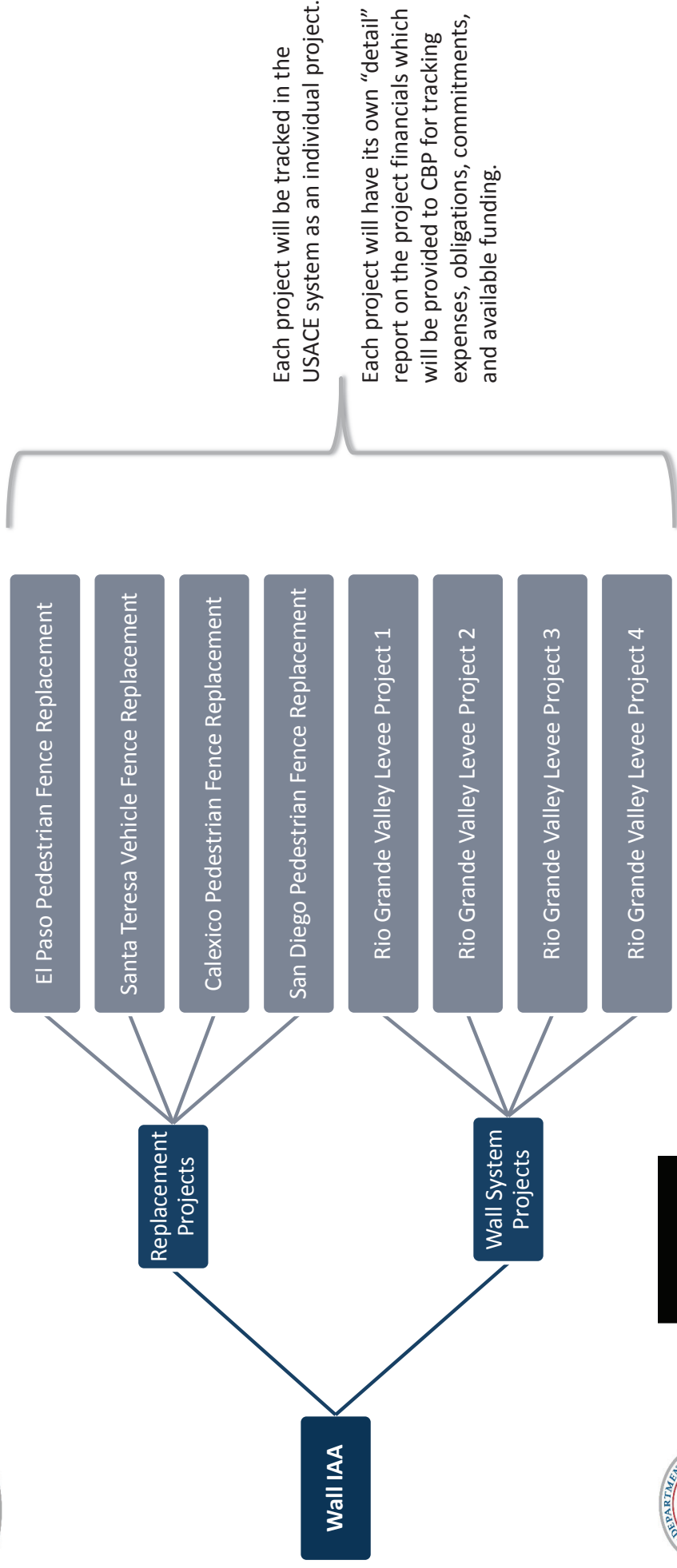
# Project Tracking and Capitalization Plan

- Utilizing lessons learned from the PF70, PF225, and VF300 projects, CBP has developed a detailed tracking process for project status and financial status.
- All wall capital projects will be executed by USACE via one IAA which will include a line for each project group.
  - RGV Gates
  - RGV Wall Planning
  - Replacement Projects
- CBP will track each project group via TRIRIGA (the CBP real property system of record).
- CBP will track each project via the Facilities and Infrastructure Tracking Tool (FITT) which is a web-based project management system.
- As each project completes, it will be capitalized. This will result in numerous “partial” project capitalizations until each project grouping is complete.
- As each existing fence segment is removed, the assets will be disposed.
- Each project will submit a percent of completion (POC) report as required per CBP policy.





# Project Tracking and Capitalization Plan





# Example Detail Report

(b) (5)





# Example Substantial Completion Submission

(b) (5)

(b) (5)



U.S. Customs  
Border





# Questions?



U.S. Customs  
and Border  
Protection



# Wall IPT

Thursday, August 31, 2017 8:25 AM































**Meeting Date:** 6/8/2017 9:00 AM (recurring)

**Location:** Commissioner's Large C/R

**Link to Outlook Item:** [click here](#)

## Invitation Message

### Participants

-  [VITIELLO, RONALD D \(USBP\)](#) (Meeting Organizer)
-  [BORKOWSKI, MARK S](#) (Accepted in Outlook)
-  [CALVO, KARL H.](#)
-  (b)(6);(b)(7)(C)
-  (b)(6);(b)(7)(C) (Accepted in Outlook)
-  (b)(6);(b)(7)(C) (Accepted in Outlook)
-  [FLANAGAN, PATRICK S](#)
-  (b)(6);(b)(7)(C)
-  [FRIEL, MICHAEL J](#)
-  (b)(6);(b)(7)(C)
-  (b)(6);(b)(7)(C) (Accepted in Outlook)
-  (b)(6);(b)(7)(C)
-  [KOLBE, KATHRYN](#)
-  [LOWRY, KIM M](#)
-  (b)(6);(b)(7)(C)
-  [PROVOST, CARLA \(USBP\)](#)
-  (b)(6);(b)(7)(C) (Accepted in Outlook)
-  (b)(6);(b)(7)(C) (Accepted in Outlook)
-  (b)(6);(b)(7)(C) (Accepted in Outlook)
-  (b)(6);(b)(7)(C) (Tentative in Outlook)
-  [DCC10A-RMB-COMMISSIONER-CN-RM](#)
-  (b)(6);(b)(7)(C) (Accepted in Outlook)
-  (b)(6);(b)(7)(C) (Tentative in Outlook)
-  (b)(6);(b)(7)(C)
-  (b)(6);(b)(7)(C) (Accepted in Outlook)
-  (b)(6);(b)(7)(C)
-  [MILDREW, SEAN](#)
-  (b)(6);(b)(7)(C)
-  (b)(6);(b)(7)(C) (Accepted in Outlook)
-  (b)(6);(b)(7)(C)

## Notes

### Typical TI Corridor in High Pedestrian Area

- Existing primary fencing
- (b) (7)(E)
- Fiber Optic Distributed Sensing (FODS)
- Patrol Road (b) (7)(E)
- Lights (b) (7)(E)
- RVSS cameras (b) (7)(E)
- Secondary Wall (Requirements TBD)
- (b) (7)(E)
- Tertiary fence

## Wall Requirements

Category	Should Take Action (%)	Should Not Take Action (%)
All respondents	80	19
Gender		
Male	79	19
Female	81	18
Age		
18-29	78	20
30-49	82	17
50-64	80	19
65+	79	20
Education		
High school or less	78	20
Some college	80	19
Bachelor's or higher	81	18

### Characteristics/Alternatives to Be Considered By A/E Relative to Prototype

- Concrete design-structural
- Anti-dig options
- Anti-climb features
- Surface drainage features
- Visibility options
- Aesthetic alternatives
- Vandalism resistant
- Construction and Life Cycle Costs
- Constructability (includes transportation, materials availability)
- Speed of construction

# AGENDA

## RFP Development Meeting

February 27 – March 3, 2017

**Meeting called by** (b)(6)(b)(7)(C)(BPAM)

**Attendees:** (b)(6);(b)(7)(C) (BPAM), (b)(6);(b)(7)(C) (BPAM), (b) (6) (USACE), (b)(6);(b)(7)(C) (USBP), (b)(6);(b)(7)(C) (USBP), (b)(6);(b)(7)(C)(PROC), .....

**Please read:** [Reading list]

**Please bring:** [Supplies list]

<b>Monday</b> <b>1200 - 1630</b>	<b>Strategy Session</b> Outline Goals & Objectives   (b)(6)(b)(7)(C) Review Roles & Responsibilities   (b)(6)(b)(7)(C) Develop Acquisition Strategy   (b)(6)(b)(7)(C) Develop Timeline   (b)(6)(b)(7)(C)	<b>National Place</b> <b>0726-CR</b>
<b>Tuesday</b> <b>0800 - 1630</b>	<b>RFP Development</b> Introductions   (b)(6)(b)(7)(C) Rules of Engagement   (b)(6)(b)(7)(C) Purpose   (b)(6)(b)(7)(C) Schedule   (b)(6)(b)(7)(C)	<b>National Place -</b> <b>Wall Conference</b> <b>Room</b>
<b>Wednesday</b> <b>0800 - 1630</b>	<b>RFP Development</b> [Line item]   [Presenter] Cost Estimate   (b)(6)(b)(7)(C) Document Risks   (b)(6)(b)(7)(C) Document Assumptions   (b)(6)(b)(7)(C)	<b>National Place -</b> <b>Wall Conference</b> <b>Room</b>
<b>Thursday</b> <b>0800 - 1630</b>	<b>Review and Revisions</b> Brief OFAM Leadership Team   (b)(6)(b)(7)(C) Make Revisions as Required   Team Develop Presentation   (b)(6)(b)(7)(C)	<b>TBD</b>
<b>Friday</b> <b>0800 - 1630</b>	<b>Wall IPT Brief and Revisions</b> Brief Wall IPT   (b)(6)(b)(7)(C) Attendees: (b)(6)(b)(7)(C) Make Revisions as Required   Team	<b>TBD</b>

## Additional Instructions:

A Non-Disclosure form is required to participate in the meetings and must be provided to (b)(6)(b)(7)(C) on day 1 (if not previously signed and filed).

# AGENDA

## Wall Prototype RFP Development

February 21 & 22, 2017

12:00PM – 5:00PM

Indianapolis, IN

### Meeting called by

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

### Attendees:

(b)(6);(b)(7)(C)(BPAM), (b)(6) (USACE), (b)(6);(b)(7)(C) (Procurement),  
(b)(6);(b)(7)(C)(Procurement) (b)(6);(b)(7)(C)(USBP), (b)(6);(b)(7)(C)(USBP)

### Please read:

Attached requirements from USBP

### Overview of the Meetings

Expectations of the Team | (b)(6)(b)(7)(C)

Roles and Responsibilities | Team

Prototype and Contracting Approach | (b)(6)(b)(7)(C)

### Develop RFP

Baker RFP Template Overview | (b)(6)(b)(7)(C)

Required Clauses | Procurement

USBP Requirements | USBP

Other Considerations including incentives | Team

Document Assumptions | Team

### Additional Instructions:

Everything discussed in this room is to stay in the room. RFP is only allowed on one laptop (b)(6);(b)(7)(C) until CBP leadership deems otherwise appropriate. All attendees must sign a non-disclosure agreement (NDA).



# Phase 1

Phase 1A			
Construction Type	Length	Cost Estimate	Timeline
Planning and Surveys across the Southwest Border	-	(b) (5)	Ongoing Construction Start: April 2017
Vehicle Fence to Wall in El Paso	(b) (7)(E)	(b) (5)	Construction End: 3 <sup>rd</sup> Qtr. 2017
Pedestrian Fence to Wall in Tucson	(b) (7)(E)	(b) (5)	Construction Start: April 2017 Construction End: 3 <sup>rd</sup> Qtr. 2017
Pedestrian Fence to Wall in El Centro	(b) (7)(E)	(b) (5)	Construction Start: July 2017 Construction End: 1 <sup>st</sup> Qtr. 2018
Primary Wall in San Diego	(b) (7)(E)	(b) (5)	Construction Start: Sept. 2017
New Primary Wall in El Paso	(b) (7)(E)	(b) (5)	Construction End: 2 <sup>nd</sup> Qtr. 2018 In development
<b>TOTAL</b>	(b) (7)(E)	(b) (5)	

Assumptions: Wall estimate includes construction at approximately (b) (5) M per mile including construction, real estate, environmental mitigation, and design. Additional refinement of the wall alignment will shift project lengths. Cost estimates included are a rough order of magnitude (ROM)



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## Phase 2

- New Primary Wall
  - Approximately 153 miles
  - Estimated to cost \$(b) (5)
  - Various locations across the southwest border
- New Secondary Wall
  - Approximately 149 miles
  - Estimated to cost (b) (5)
  - Various locations across the southwest border
- Pedestrian Fence to Wall
  - Approximately 89 miles
  - Estimated to cost \$(b) (5)
  - Various locations across the southwest border
- Vehicle Fence to Wall
  - Approximately 197 miles
  - Estimated to cost \$(b) (5)
  - Various locations across the southwest border
- Time to complete is currently in development. It is estimated that the majority of the mileage will be complete in two years. However, some projects may take 3 years due to real estate.



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Assumptions: Wall estimate includes construction at approximately \$(b) (5) per mile (except in RGV, LRT and BBT where the cost is \$(b) (5) M including construction, real estate, environmental mitigation, and design. Secondary wall includes \$(b) (5) M per mile for road construction between the walls. Additional refinement of the wall alignment will shift project lengths. Cost estimates included are a rough order of magnitude (ROM).

BW8 FOIA CBP 002244



## Phase 3

- New Primary Wall
  - Approximately 1,069 miles
  - Estimated to cost \$(b) (5)
  - Various locations across the southwest border
- New Secondary Wall
  - Approximately 79 miles
  - Estimated to cost \$(b) (5)
  - Various locations across the southwest border
- Pedestrian Fence to Wall
  - Approximately 13 miles
  - Estimated to cost \$(b) (5)
  - Various locations across the southwest border
- Vehicle Fence to Wall
  - Approximately 83 miles
  - Estimated to cost \$(b) (5)
  - Various locations across the southwest border
- Time to complete is currently in development. It is estimated that the majority of the mileage will be complete in (b) (5)



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Assumptions: Wall estimate includes construction at approximately (b) (5) M per mile (except in RGV and LRT where the cost is (b) (5) M including construction, real estate, environmental mitigation, and design. Secondary wall includes (b) (5) M per mile for road construction between the walls. Additional refinement of the wall alignment will shift project lengths. Cost estimates included are a rough order of magnitude (ROM).

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# Phase 1

Phase 1A				
Sector	Construction Type	Length	Cost Estimate	Timeline
SW. B	Planning and Surveys	-	\$	Ongoing
	Primary Wall	(b) (7)(E)	\$	In development
EPT	Vehicle Fence to Wall		\$	Construction Start Construction End: (b) (5)
	Primary Wall		\$	Construction Start Construction End:
SDC	Primary Wall		\$	Construction Start Construction End:
ELC	Pedestrian Fence to Wall		\$	Construction Start Construction End:
TCA	Pedestrian Fence to Wall		\$	Construction Start Construction End:
TOTAL			\$	

Assumptions: Wall estimate includes construction at approximately (b) (5) M per mile including construction, real estate, environmental mitigation, and design. Additional refinement of the wall alignment will shift project lengths. Cost estimates included are a rough order of magnitude (ROM)



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# Phase 2

Phase 2 – New				
Sector	Construction Type	Length	Cost Estimate	Timeline
BBT	Primary Wall	(b) (7)(E)	\$ (b) (5)	In development. Estimated majority construction completion (b) (5)
ELC	Secondary Wall		\$	
EPT	Primary Wall		\$	
	Secondary Wall		\$	
LRT	Primary Wall		\$	
	Secondary Wall		\$	
RGV	Primary Wall		\$	
	Secondary Wall		\$	
TCA	Primary Wall		\$	
	Secondary Wall		\$	
YUM	Secondary Wall		\$	
TOTAL			\$	
Phase 2 - Replacement				
Sector	Construction Type	Length	Cost Estimate	Timeline
ELC	Pedestrian Fence to Wall	(b) (7)(E)	\$ (b) (5)	In development. Estimated majority construction completion (b) (5)
	Vehicle Fence to Wall		\$	
EPT	Pedestrian Fence to Wall		\$	
	Vehicle Fence to Wall		\$	
SDC	Pedestrian Fence to Wall		\$	
	Pedestrian Fence to Wall		\$	
TCA	Vehicle Fence to Wall		\$	
	Pedestrian Fence to Wall		\$	
YUM	Pedestrian Fence to Wall		\$	
TOTAL			\$	

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Assumptions: Wall estimate includes construction at approximately \$10M per mile (except in RGV, LRT and BBT where the cost is \$15M) including construction, real estate, environmental mitigation, and design. Secondary wall includes \$10M per mile for road construction between the walls.  
Additional refinement of the wall alignment will shift project lengths. Cost estimates included are a rough order of magnitude (ROM)



## Phase 3

Phase 3				
Sector	Construction Type	Length	Cost Estimate	Timeline
BBT	Primary Wall	(b) (7)(E)	\$	In development. Estimated majority construction completion (b) (5)
DRT	Primary Wall		\$	
ELC	Primary Wall		\$	
EPT	Primary Wall		\$	
LRT	Primary Wall		\$	
RGV	Primary Wall		\$	
SDC	Primary Wall		\$	
	Primary Wall		\$	
	Pedestrian Fence to Wall		\$	
	Secondary Wall		\$	
	Vehicle Fence to Wall		\$	
	Primary Wall		\$	
	Vehicle Fence to Wall		\$	
	<b>TOTAL</b>		\$	

Assumptions: Wall estimate includes construction at approximately (b) (5) M per mile (except in RGV and LRT where the cost is \$ (b) (5) M including construction, real estate, environmental mitigation, and design. Secondary wall includes (b) (5) per mile for road construction between the walls.  
Additional refinement of the wall alignment will shift project lengths. Cost estimates included are a rough order of magnitude (ROM)



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Rough Estimate	Estimate per Mile Secondary
a) 30 foot Primary wall with anti-dig (b) (5) M per 1/4 mile	\$ (b) (5)
• Cameras ( camera per mile	\$
• Patrol road	\$
• Lights (b) (7)(E)	\$
• Fiber Optic Detection System (FODS)	\$
• Comms (TACCOM) (b) (7) per mile	\$
• Gates for access to road in between Primary Wall and Primary Fence Based on RGV Gate cost x 2	\$
c) Road in between Primary Wall and Primary Fence (b) (7)(E)	\$
Real Estate for secondary	\$
Construtio	
TOTAL ESTIMATE PER MILE	\$
265 miles	\$ (b) (5)

Estimate per Mile Primary	
\$	(b) (5)
\$	
\$	
\$	
\$	
\$	
\$	
\$	
\$	
\$	
\$	
\$	
\$	

(b) (7)(E) iles of secondary fence - Tucson

14 miles of BIS

Laredo wall (b) (7)(E)

Based on Secondary fence request

