

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: RGV WALL PDT
Subject: RE: RGV Wall Weekly Meeting Minutes
Date: Thursday, September 21, 2017 9:10:40 AM
Attachments: [FW RGV-01 PRD and PF Gates- Phase 2 PRD for SignatureRESPONSE.msg](#)
[RGV Wall Meeting Minutes 25AUG2017 \(003\).docx](#)
[image003.png](#)

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

The PRDs (RGV-1 & PRD Gates) were signed and sent back to your office Friday, 9/15/2017, 9:41 AM. See email response attached.

PRD Status

- RGV-01: With Sector, being routed for signature

• (b) (5)
• (b) (5)

Thanks

V/r,



(b) (6), (b) (7)(C)
ASSISTANT CHIEF PATROL AGENT (b) (7)(E)
(b) (7)(E)
Rio Grande Valley Sector
(b) (6), (b) (7)(C) (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

“SUCCESS is not by chance, it is by DESIGN.”

For LEOPD activities and related reports, please follow the link below:

(b) (7)(E)

Please direct all inquiries or access requests for the Task Management System (TMS) to (b) (7)(E) for action.

From: (b) (6), (b) (7)(C)

Sent: Thursday, September 21, 2017 8:00 AM

(b) (6)

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

(S) (C), (A)

(b) (6) @hq.dhs.gov;

(b) (6) (b) (7)(C) @hq.dhs.gov>

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

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

	(b) (6)	(b) (6), (
	(b) (6)	

(b) (6)

Cc: (b) (6), (b) (7)(C)

Subject: BGV Wall Weekly Meeting Minutes

 $v/r,$

(b) (6), (b) (7)(C), P.E. LEED AP BD+C

Program Manager

Border Patrol & Air and Marine Program Management Office (BPAM PMO)

Facilities Management & Engineering

Mobile: (b) (6), (b) (7)(C)

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

<< File: BGV Wall Meeting Minutes 25AUG2017.docx >>



- (b) (5)
- (b) (5)

Cost estimate/Scope

- (b) (5)
- (b) (5)

Acquisition

- RGV-01: One Step C Contract
 - USACE to update WBS node title in schedule
- RGV-02, 03, 04: Pre-qualified list
- RGV-05: 8A MATOC

Environmental

- (b) (5)
- Scoping letters sent out to RGV stakeholders requesting input on the proposed barrier project. The stakeholders include: Native American tribes, NGOs, state, local, and other federal agencies. Requested feedback within 30 days.

Real Estate

- (b) (5)
- (b) (5)
- Hidalgo County
 - Have all landowners identified and know who we will impact approximately 600 owners
 - USACE needs more funding for the abstraction of these deeds
- (b) (5)
- (b) (5)

Comms/Outreach

- The local stakeholder outreach approach is being modified and may become a brief lead by Chief Padilla, BPAM awaiting direction and will provide support.

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C); OPS EAST SECTOR; (b) (6), (b) (7)(C)
Cc: RGV WALL; (b) (6), (b) (7)(C)
Subject: FW: RGV-01 PRD and PF Gates- Phase 2 PRD for Signature**RESPONSE**
Date: Friday, September 15, 2017 9:41:26 AM
Attachments: [PRD_RGV-1 Border Barrier System 8-08-2017 Signed.pdf](#)
[PRD_RGV PF Gates Phase-2 Signed.pdf](#)
[image002.png](#)

(b) (6), (b) (7)(C) et al,

Please see RGV Sector's signed responses (attached) regarding the RGV PF Gates - Phase 2 (35 gates) and the Border Barrier System, RGV-1 (b) (7)(E). Chief Padilla has reviewed the PRDs to include all documentation and the recommended changes based on discussions at the 15% and 65% Design Reviews with OFAM, USACE and Baker International (CTR). Modifications to the PRD to include the (b) (7)(E), All Weather Road and the Vegetation Clearing sections were all discussed and accepted. If any changes or updates are made to the attached PRDs, please forward updated copies to our office as appropriate.

Please contact me directly (or my designee) if you have any questions regarding this submission.

V/r,

(b) (6), (b) (7)(C) _Email_Signature_TTI&T



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

“Leadership is about relationships.”

For LEOPD activities and related reports, please follow the link below:

https://uconnect.cbnet.cbp.dhs.gov/sites/OBP/Sites/rio_grande/Pages/LEOPD.aspx

Please direct all inquiries or access requests for the Task Management System (TMS) to (b) (7)(E) for action.

From: (b) (6), (b) (7)(C)
Sent: Thursday, July 27, 2017 8:10 AM
To: (b) (6), (b) (7)(C)
Subject: FW: RGV-01 PRD for Signature

FYSA

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

RGV/LEOPD

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

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

From: (b) (6), (b) (7)(C)

Sent: Monday, July 24, 2017 10:02:48 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C) OPS EAST SECTOR; (b) (6), (b) (7)(C)

Subject: FW: RGV-01 PRD for Signature

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

Here is the RGV PRD (3 miles barrier) for review and signature.

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

From: (b) (6), (b) (7)(C)

Sent: Thursday, July 20, 2017 2:06 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RGV-01 PRD for Signature

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

Attached is the RGV-01 PRD for signature.

Thank you!

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

Strategic Analysis, Inc.

Facilities Management & Engineering

Border Patrol & Air and Marine Program Management Office (BPAM PMO)

Portfolio Management and Analysis Branch

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

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

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



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



Border Patrol Facilities and Tactical Infrastructure & Air and Marine PMO
Wall Program - Project Requirements Document

The automated vehicle gates will be metal with a minimum height of (b) (7)(E) and minimum width of (b) (7)(E). The vehicle gates will be motorized overhead sliding gates with an enclosed drive and operator system that is operated by radio frequency activation and by pressing the appropriate pushbutton(s) on a control console/key pad with emergency manual operations capabilities. There are (b) (7)(E) potential openings along the levee wall that may require gating. (b) (7)(E) openings would require vehicle gates and (b) (7)(E) opening would require a pedestrian gate. The actual number, location and type of the gates will be determined during the design phase.

(b) (7)(E)

Lighting:

Enforcement zone LED lighting will be installed as part of this project. Ideally the light fixtures will be mounted on poles located within the approximate center of the enforcement zone but compliance with floodplain restrictions may dictate that they be mounted on the levee wall or bollards. The lights will be designed and constructed in accordance with the lighting design standards developed and confirmed as part of the San Luis lighting retrofit project recently completed in Yuma, AZ. The lights will be made fully functional as part of this project. The PMO will work with the appropriate stakeholders to develop solutions to avoid excess lighting.

All Weather Road:

An all-weather aggregate patrol road (type FC-2) will be constructed on the south side and parallel to the levee 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.

Vegetation Clearing:

All vegetation in the (b) (7)(E) enforcement zone will be cleared.

Cameras:

The camera surveillance system will ensure visibility of the enforcement zone and southern approach. Viewshed analysis will be completed by USBP and provided to BPAM. Analysis will be required to ensure loss of power and visibility does not occur in the instance of a flood. All technology will be provided by USBP, infrastructure will be constructed and funded by BPAM.

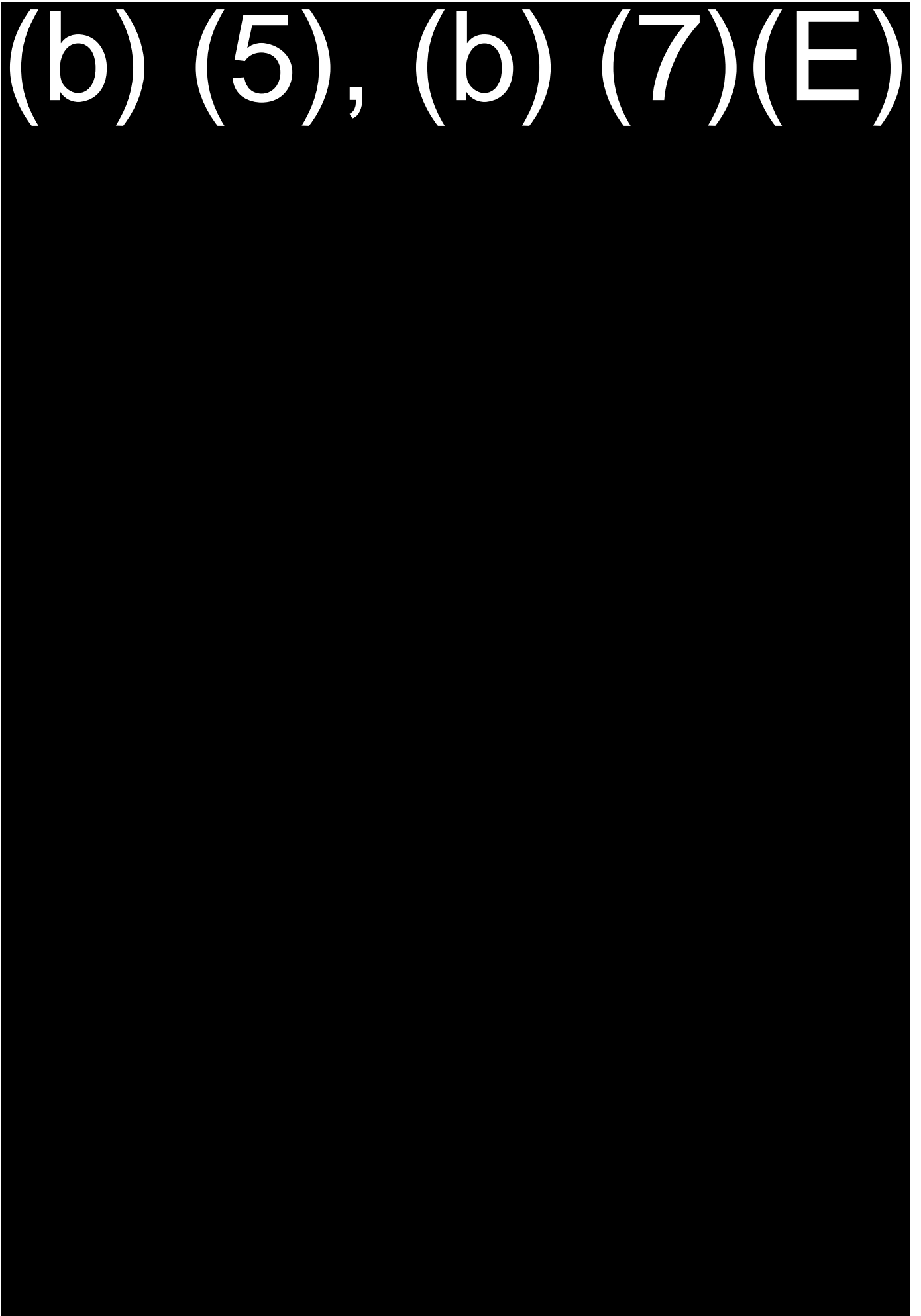
Project Justification:

Under Executive Order (EO) 13767, 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."

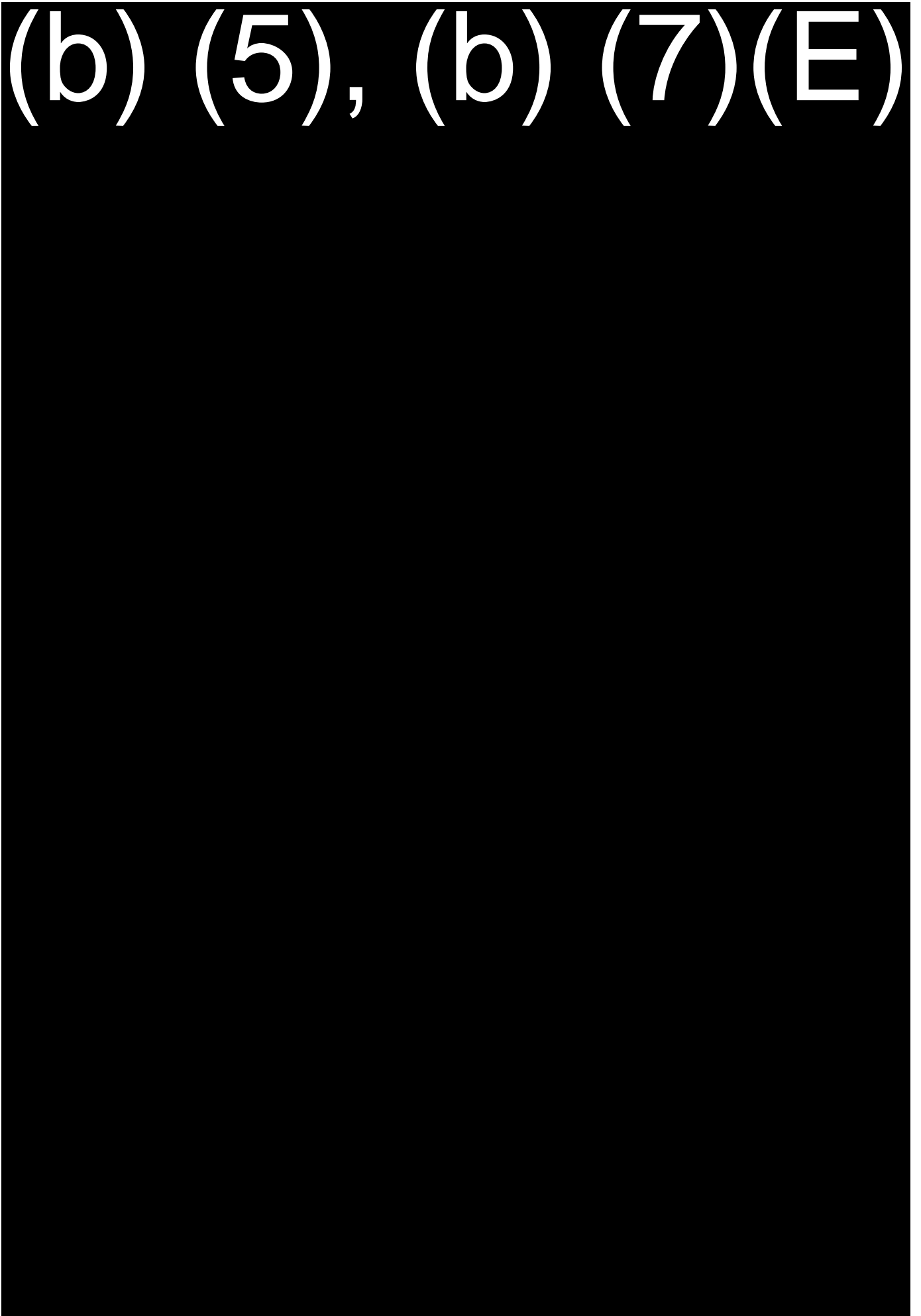
Diagrams/Exhibits/Conceptual Designs:

The project will be executed utilizing a design-bid-build approach. All design work will be done in accordance with the most current CBP Tactical Infrastructure (TI) Design Standards.

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



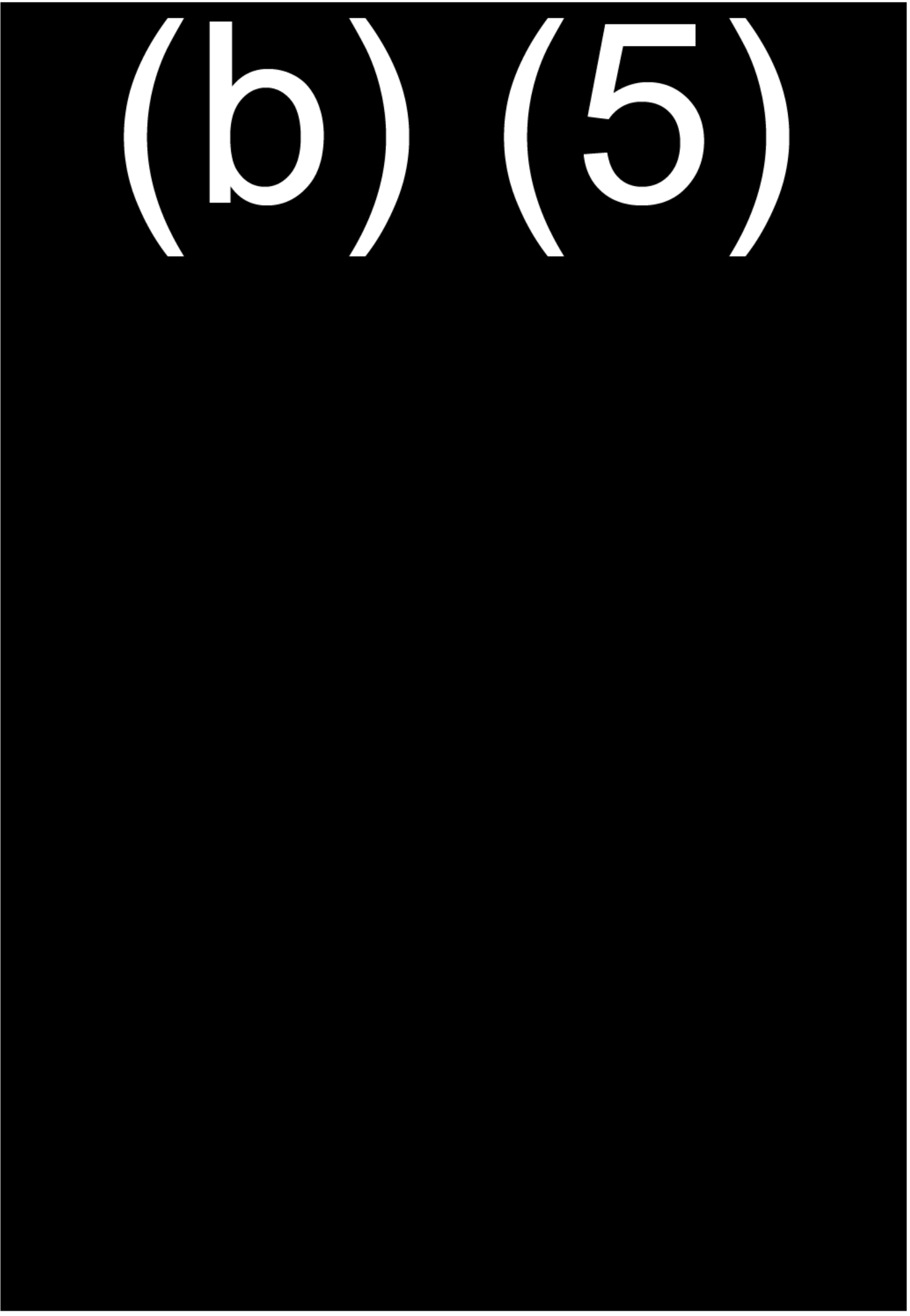
(b) (5), (b) (7)(E)



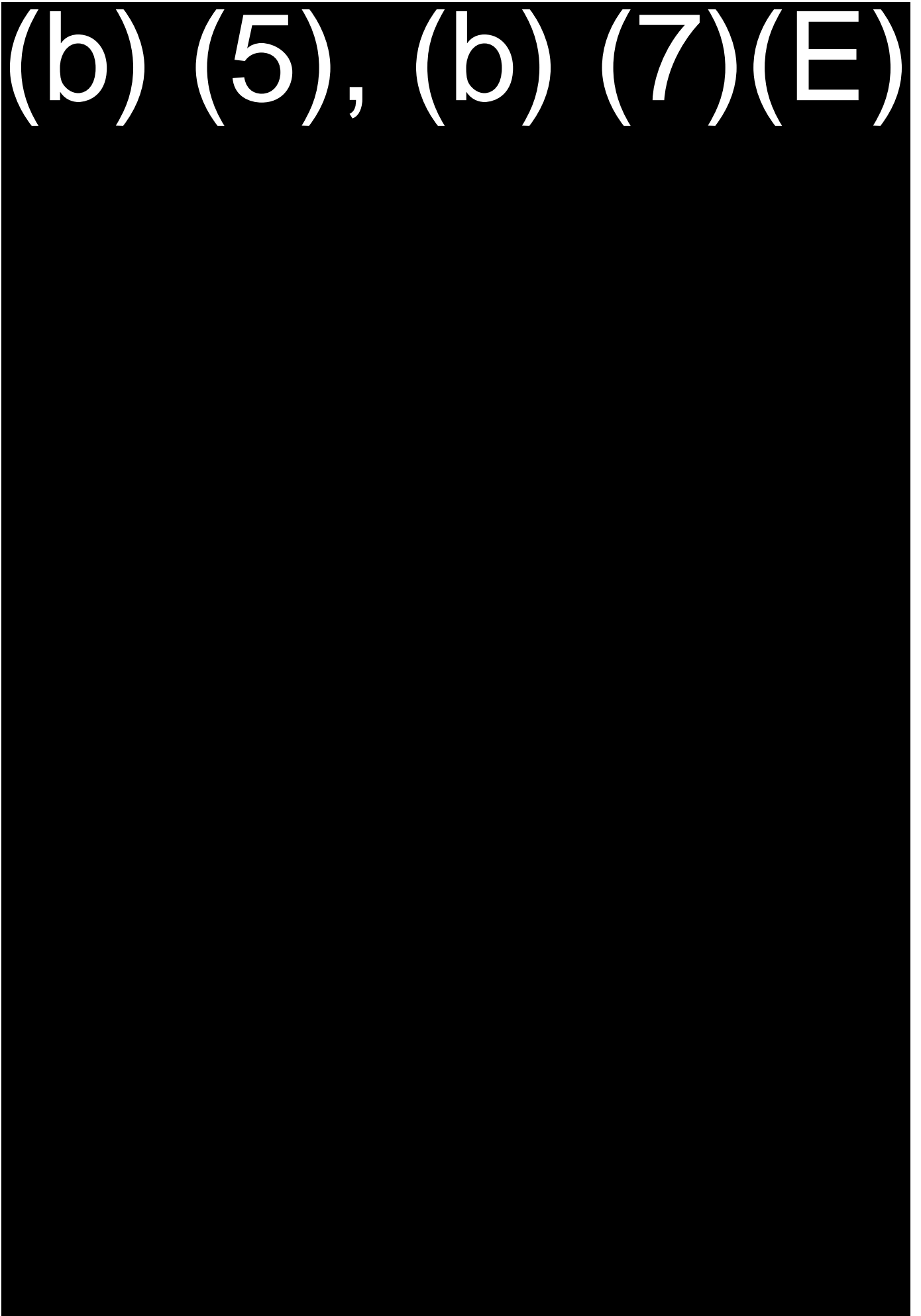
(b) (5), (b) (7)(E)



(b) (5)

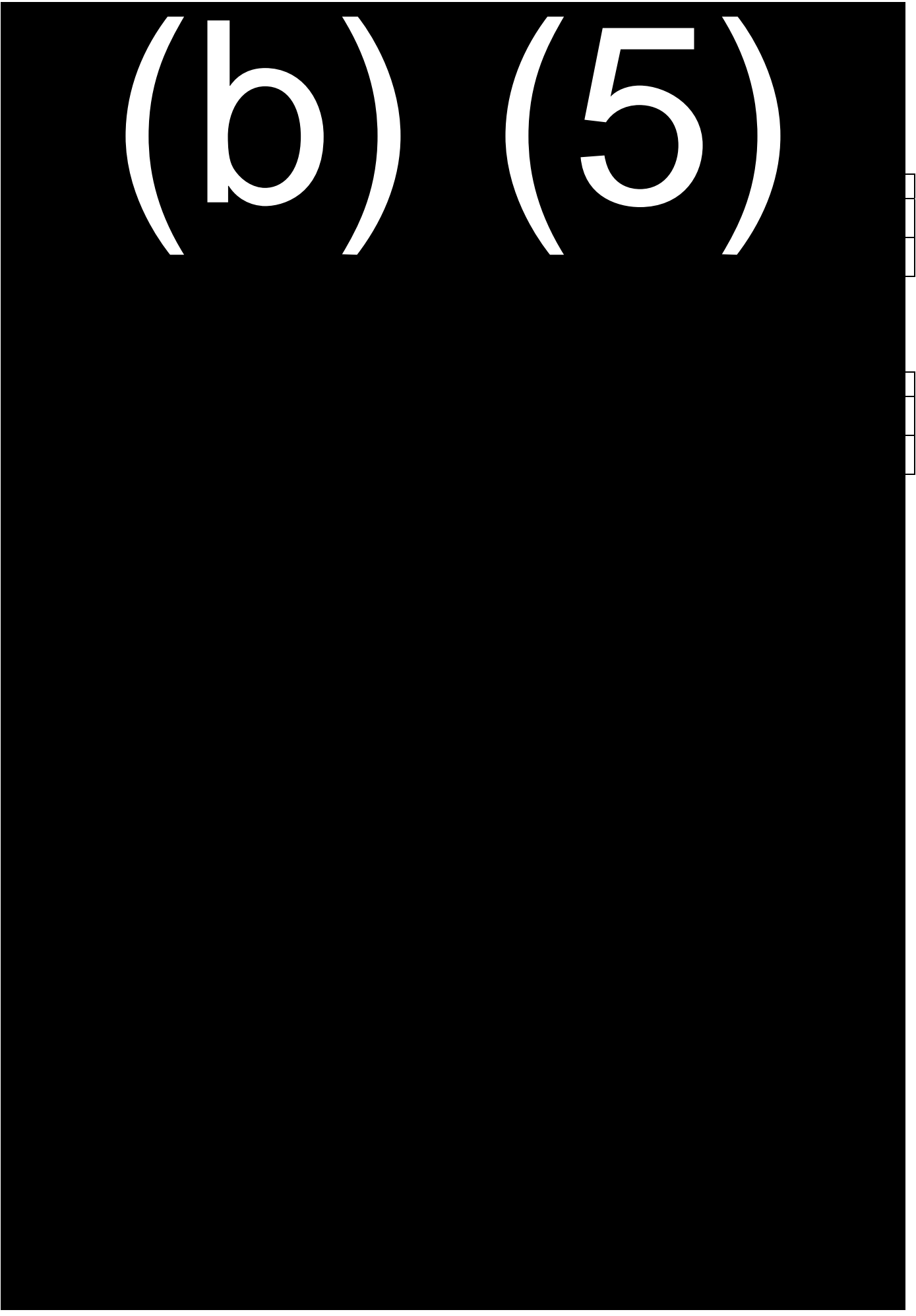


(b) (5), (b) (7)(E)



(b) (5)

(b) (5)



(b) (5), (b)(6)(b)(7)(C)



Border Patrol and Air & Marine Program Management Office
Project Requirements Document

PROJECT SUMMARY	
Project Name:	NC RGV RGV Construct PF/VF Gates
FM&E Project #:	(b) (7)(E)
Program:	Tactical Infrastructure
Project Category:	Major Construction
Servicing Agency:	USACE
Location of the work to be performed:	Rio Grande Valley Sector – Ref Exhibit A (summarizing gates by PF225 Segment) and Exhibit B (map depicting where Phase-2 Gates are located)
Procurement Method:	IAA
Proposed contract type(s):	Firm Fixed Price, Design Build
Initial Cost Estimate:	(b) (5) for all 35 Gates (approx. (b) (5) per gate)
Total Risk Estimate	(b) (5)
Planned Start Date:	July 2017
Planned End Date:	July 2019

Points of Contact (POC) and Roles

BPAM PMO POC	
Name	Role
(b) (6), (b) (7)(C)	BPAM PMO Project Manager
(b) (6), (b) (7)(C)	BPAM PMO Design Lead
(b) (6), (b) (7)(C)	BPAM PMO Project Analyst
(b) (6), (b) (7)(C)	BPAM PMO Real Estate Lead
(b) (6), (b) (7)(C)	BPAM PMO Environmental Lead
(b) (6), (b) (7)(C)	BPAM PMO Communications Lead
Service Provider POC	
Name	Role
(b) (6)	USACE Program Manager
(b) (6)	USACE Project Manager
(b) (6)	USACE Real Estate Lead
Business Partner POC	
Name	Role
(b) (6), (b) (7)(C)	USBP Headquarters, Tactical Infrastructure Director
(b) (6), (b) (7)(C)	USBP Field Contact, TI Coordinator, RGV Sector

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Project Requirements Document

Business Partner Requirement

To increase impedance and denial capabilities to combat illegal cross-border traffic while still allowing necessary and desirable riverside access, in order to facilitate RGV Sector gaining operational control in areas that are vulnerable as a result of remaining gate gaps in the existing border wall.

Project Description/Objective

This project, referred to as the “RGV Phase-2 Gates Project,” will include the design and installation of operating gates for 35 existing gate openings in the existing PF225 Steel Bollard Wall and Levee Wall in the Border Patrol’s Rio Grande Valley (RGV) Sector. Once installed, the gates will serve as a persistent impediment while still allowing access to the riverside of the gates for certain private citizens, the U.S. Border Patrol (USBP), and other local/state/federal officials including but not limited to the U.S. International Boundary Water Commission (IBWC), Department of the Interior (DOI), County Water and Irrigation District Officials, and local emergency responders.

There are two types of gates that will be constructed – vehicle gates and farm gates – based upon the types of vehicles that must be accommodated. Moreover, there are two types of roads that will be gated – private and public roads. Each type of road will need to be cleared from a real estate standpoint prior to gate construction; reference the real estate section of this PRD. As of 2007-to-2009, when the PF225 project was designed and executed, gaps were left for gates to be installed. The dimensions of the gaps left for future vehicle and farm gates were based on requirements set by BP following coordination with landowners, with gaps for farm gates left wider than gaps for standard vehicle gates.

The following table summarizes the 35 gates to be designed and constructed by this project. The table provides a breakdown by county/wall type/wall segments, by gate type (vehicle gate or farm gate), and by ownership status of the road leading to each gate, i.e., whether the road leading to each gate is privately owned or public (i.e., county or city owned).

RGV Phase-2 Gates Summary							
Location:	Hidalgo County Levee Wall			Cameron County Steel Bollard Wall			Total Phase 2 Gates
	(b) (7)(E)			(b) (7)(E)			
Road Type:	Private	Public	Total	Private	Public	Total	
Vehicle Gates	5	4	9	0	2	2	11
Farm Gates	7	4	11	1	12	13	24
Total Gates	12	8	20	1	14	15	35
Total Phase-2 Gates: 35							

(b) (7)(E)

That includes (b) (7)(E) that were

(b) (7)(E)

(b) (7)(E)

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Project Requirements Document

(b) (7)(E)

Project Justification

The proposed RGV Phase-2 Gates Project will achieve the Business Partner Requirement stated above by designing and constructing automated gates in 35 (b) (7)(E) that USBP has identified as its remaining gate requirement for this area.

Diagrams/Exhibits/Conceptual Designs

Additional project description and location details are provided in the following Attachments:

- Attachment A, "RGV Phase-2 Gates List" -- Provides details on the 35 Phase 2 gates, including gate numbers and names, which gates are in what section of existing PF225 wall, which are farm vs vehicle gates, and which gates are on public vs private roads.
- Attachment B, "RGV Gates Map Set" -- A map set of all RGV gate gaps, including those that are gated already (*a.k.a.* "Phase-1"), those that are funded in FY17 (*a.k.a.* "Phase-2"), and remaining gaps that will not be gated.
- Attachment C, "Lessons Learned" -- A summary of lessons learned from the RGV Phase-1 Gates Project.

See also Attachments D and E for the project Cost Estimate and Risk Register, respectively.

Design:

The design standards developed for automated vehicle gates during the PF225 project will serve as the basis for this project. A Design-Build contractor will be hired by the Corps of Engineers to finalize/site-adapt the gate design standards incorporating lessons learned from Phase 1 gate project (see Attachment C), and will procure all necessary materials and construct and field test the motorized gates. The D/B contractor will be responsible for relocation of existing utilities and installation of electric service for each gate within Government owned lands; coordinating and obtaining US IBWC concurrence for gate designs as appropriate; and for obtaining local and state permits required for construction of the gates. The D/B contractor will provide as-built drawings and Operation and Maintenance Manuals for the motorized gates.

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Representative Photos of Gates Completed in Phase-1 (b) (7)(E) :



(b) (7)(E) north of Levee Wall



(b) (7)(E) north of Levee Wall

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Project Requirements Document



(b) (7)(E)

north of the levee toe



(b) (7)(E)

north of the levee toe

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Project Requirements Document

Real Estate

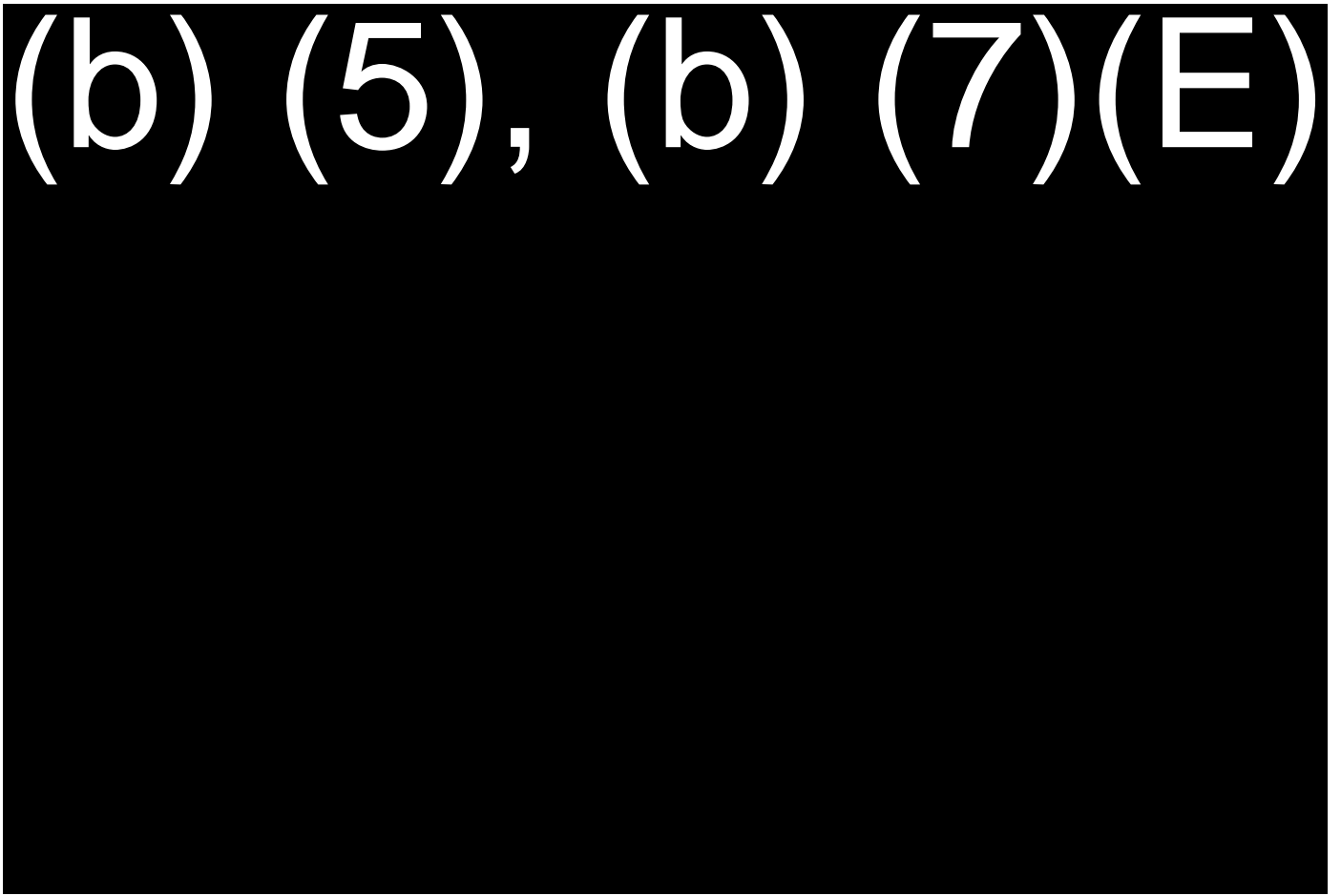
For this project, the real estate effort will be multi-faceted and complex. It is expected to include the following:

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



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Project Requirements Document

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



The complexities associated with the real estate process for this project are best illustrated by the exhibit found on the next page:

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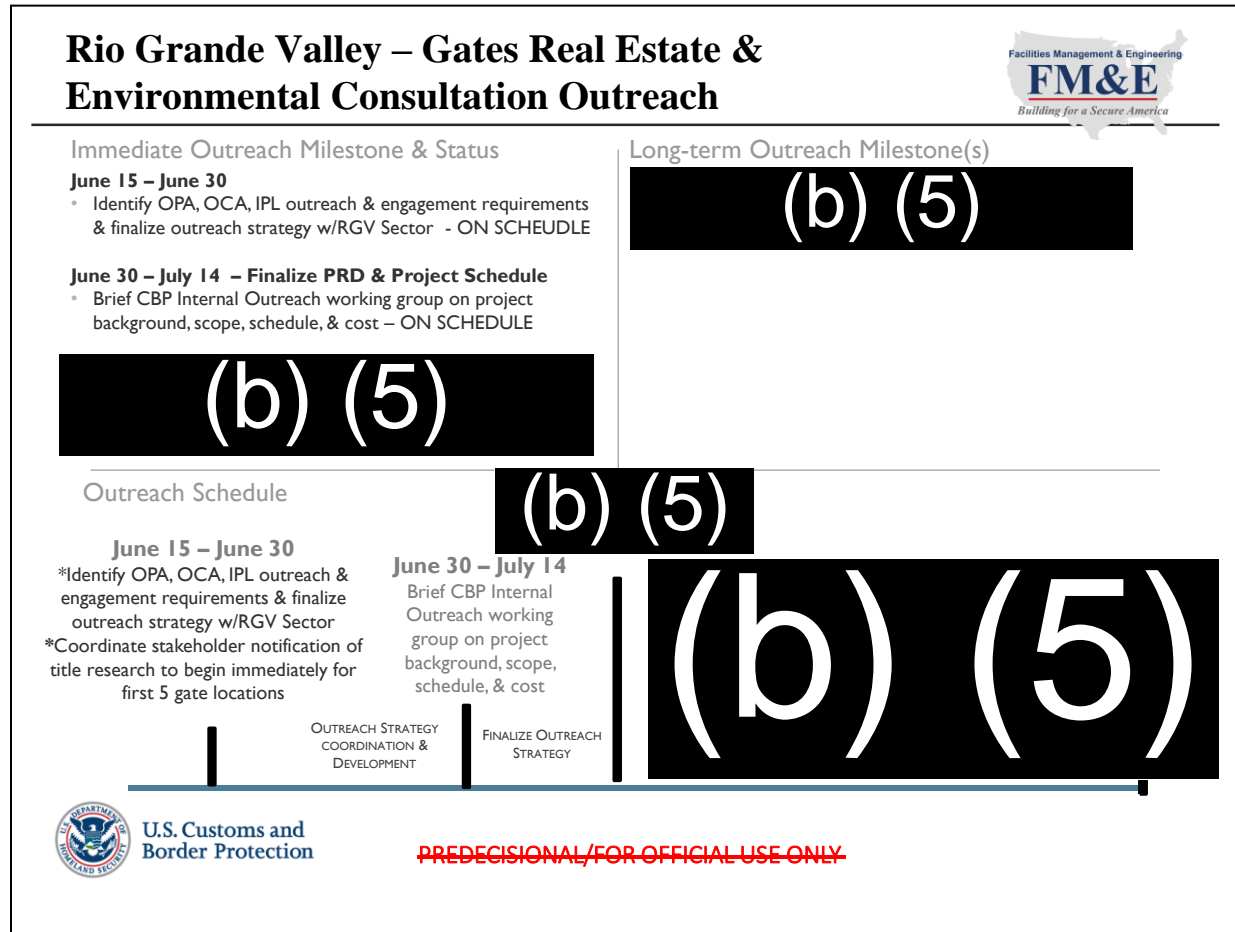
(b) (5)

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Project Requirements Document

(b) (5)

(b) (5)

Current Framework for RGV Gates Outreach Strategy Timeline:



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Project Requirements Document

Cost and Schedule Breakdown Structure

Schedule of Deliverables (assuming ALL 35 gates are completed)																
Key Deliverables/ Milestones	Est. USACE Costs	Est. FM&E Costs	Start Date	FY17				FY18				FY19				End Date
				1 st	2 nd	3 rd	4 th	1 st	2 nd	3 rd	4 th	1 st	2 nd	3 rd	4 th	
Project Management	(b) (5)		Jul-2017				(b) (5)									
Real Estate			Jul-2017													
Environmental			Jul-2017													
Design			Nov-2018													
Construction			Jan-2019													
Construction Oversight			Jan-2019													
CBP Support			Jul-2017													
Change Management Reserve			N/A												N/A	
Subtotals:	(b) (5)															
Total: (b) (5)																

Q1 Oct – Dec; Q2 Jan – Mar; Q3 Apr – Jun; Q4 Jul – Sep

Schedule Assumption(s): (b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

Initial Cost Estimate:

\$ Total Project Cost	FY17	FY18	FY19
<input type="checkbox"/> BSFIT <input type="checkbox"/> O&M <input type="checkbox"/> D&D <input type="checkbox"/> O&S <input checked="" type="checkbox"/> PC&I	<input type="checkbox"/> BSFIT <input type="checkbox"/> O&M <input type="checkbox"/> D&D <input type="checkbox"/> O&S <input checked="" type="checkbox"/> PC&I	<input type="checkbox"/> BSFIT <input type="checkbox"/> O&M <input type="checkbox"/> D&D <input type="checkbox"/> O&S <input checked="" type="checkbox"/> PC&I	<input type="checkbox"/> BSFIT <input type="checkbox"/> O&M <input type="checkbox"/> D&D <input type="checkbox"/> O&S <input checked="" type="checkbox"/> PC&I
(b) (5)		\$0	\$0

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Project Requirements Document

Potential Project Risks/Mitigations

Total Initial Risk Estimate	(b) (5)
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See Attachment E, Risk Register

Interrelated Projects

#	Interrelated Projects
001	(b) (7)(E) & Multiple Boat Ramp Construction/Improvement Projects
002	Multiple Boat Ramp Construction/Improvement Projects
003	(b) (5)

Attachments

Attachment #	Attachment Name
A	RGV Gate Summary Spreadsheet
B	RGV Gate Project Map Set
C	Lessons Learned from Phase-1 Gates Project
D	Cost Estimate
E	Risk Register

Border Patrol and Air & Marine Program Management Office
Project Requirements Document

CONCURRENCE & APPROVAL: Business Partner Mission Needs

Concurrence:

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

Manuel Padilla, Jr., Chief Patrol Agent
US Border Patrol, Rio Grande Valley Sector

Date

9/14/17

Concurrence:

(b) (6), (b) (7)(C) Chief Patrol Agent

Date

US Border Patrol, Acting Chief, Law Enforcement and Operations Directorate

APPROVAL: Financial

(b) (6), (b) (7)(C) Director, Business Operations Division
BPAM PMO

Date

APPROVAL: Constructability

(b) (6) Branch Chief, Tactical Infrastructure
USACE, ECSO

Date

Concurrence:

(b) (6), (b) (7)(C) Chief Engineer
BPAM PMO

Date

APPROVAL: Real Estate & Environmental

(b) (6), (b) (7)(C) Branch Chief
BPAM PMO, Environmental and Real Estate Branch

Date

PROJECT APPROVAL

(b) (6), (b) (7)(C) Program Manager
BPAM PMO, Wall Program

Date