

BPFTI Tactical Infrastructure Project Requirements Document

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Project Name: Vela Farms_RGV_TBD_All-WeatherBorder Road

Commented [AU1]: You need to fill in the footer info.

Purpose of PRD: This document authorizes designation of project and baselines, scope, cost, and schedule. Authorizes funding for all planning activities up to RFP release.

PROJECT SUMMARY	
Project Type:	Restore/Repair All-Weather Border Road
Project #:	[FME TI BOD will assign]
Reporting Metric:	[If applicable, enter the quantity/size of this project (miles, acres, etc.)] (b) (7)(E)
Service Provider:	-U.S. Army Corps of Engineers (USACE)
Initial Cost Estimate:	[Enter the total estimated project cost. Note that this estimate must be backed up with a detailed cost breakdown. Cost will be used in the Spend Plan/Budget.]
Planned Start Date:	[Enter the expected Start Date – ties to first date on schedule of deliverables]
Planned End Date:	[Enter the Planned End Date – ties to end of construction or when project is accepted and TECO'd]

Project Description/Objective: **OBP Approval of Scope Date** __/__/__

[Provide a concise Project Description. This is a high level summary and should not include details.]

The proposed project calls for the repair and restoration of (b) (7)(E) miles of ~~all-weather~~a border road to ~~meet~~a TI road standards and to meet the operational needs of The Border Patrol. The road is located south of W. Doffin Canal Road and shadowing the US Southern Border in Weslaco, Texas within the Rio Grande Valley (RGV) Border Patrol Sector Area of Operation (AOR).

The M&R Activity starts approximately (b) (7)(E) south of W. Doffin Canal Road and approximately (b) (7)(E) west of South Cage Boulevard. The road then continues in nonlinear fashion eastward for approximately (b) (7)(E), to its Eastern Terminus. (b) (7)(E)

Commented [AU2]: Is there anything about this scope that may not be O&M? We need to coordinate that with (b) (6).

There are numerous dry creek river beds that traverse throughout. Areas in close proximity to the river are composed of sandy loam which is susceptible to surface runoff and washouts. A culvert will be required. (b) (5)
Guard Rails will also be required for safety in at least two locations where the road is in close proximity to drop-offs.

Commented [AU3]: (b) (5)

Roles and Responsibilities

[Reference Program Level R&R document and add any additional clarification to responsible parties]

Program Manager (USACE) - (b) (6)

Project Manager – (HDR) (b) (6)

Project Manager (CBP) – (b) (6), (b) (7)(C)

Project Name | FM&E No. XXXX-X

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XXX Sector

Tactical Infrastructure Program

FOUO Pre Decisional

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Environmental Specialist (USACE) - (b) (6)
Environmental Specialist (CBP) - (b) (6), (b) (7)(C)
Real Estate Specialist (USACE) - (b) (6)
Real Estate Specialist (CBP) - (b) (6), (b) (7)(C)
Engineering - (CBP) (b) (6), (b) (7)(C)

Diagrams/Exhibits/Conceptual Designs:

[Electronically insert small sketch(es) or diagram(s) that show the infrastructure layout and overall dimensions. The preferred size is half of an 8.5" x 11" page. Avoid large sketches and multiple pages of sketches. The PRD document is a high level summary of the project and is not intended to include all the project details. High resolution sketches are unnecessary and generally each sketch should be 100-300 kb in size.]

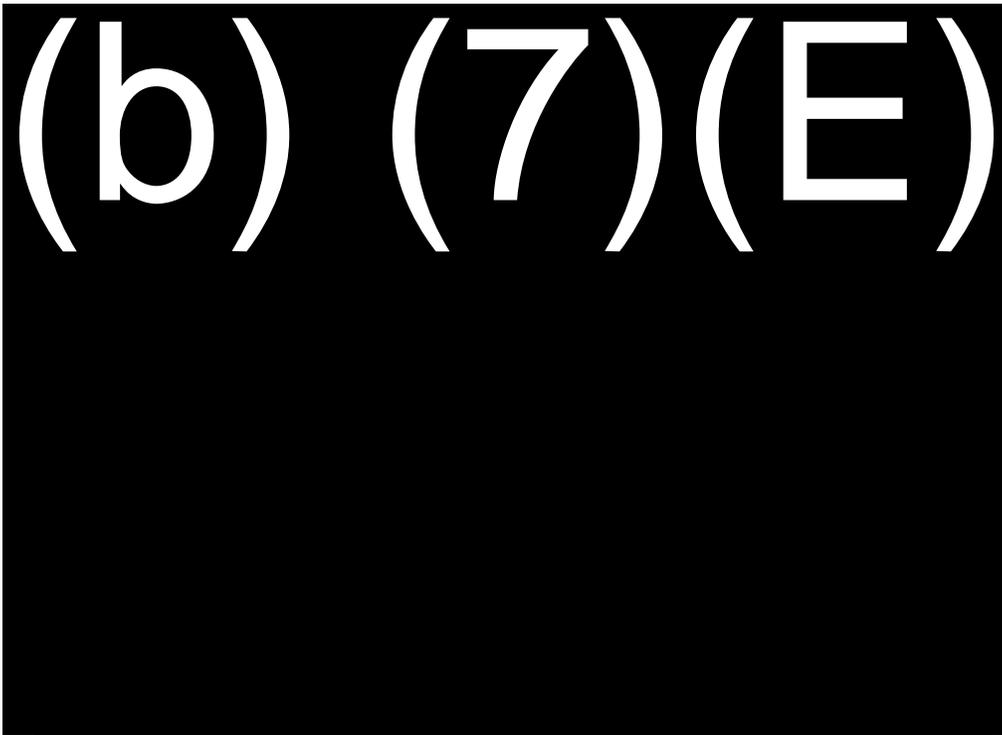


Illustration 1. Depiction of Project

Photographs:

[Electronically insert a photo showing the project infrastructure. A single photo less than a half of an 8.5" x 11" page is preferred. High resolution photos are unnecessary and generally each photo should be 100-300 kb in size.]

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Illustration 2. View east on the existing road from near the Western Terminus of the project to Pharr International Bridge



Illustrations 3. Demonstrates ingrown vegetation on the existing road on Fish and Wildlife Service (FWS) land.



Illustration 4. Exhibit of erosion concerns, and proximity of road to ledge.

Real Estate Acquisitions

[Describe the project's real estate requirements and or R-O-W permits/Indian Nation resolutions that will need to be acquired for the project. Consult with FM&E real estate SMEs for this section. This is a high level summary and should not include details.]

The road repair is planned to occur on privately owned land and land owned by the government.

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XXX Sector

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Licenses will be pursued to obtain voluntary permission from private landowners to perform M&R work on roads they own. However, there is significant risk of failing to deliver the entirety of these roads as 'RE Certified' a.k.a 'Green' (b) (5) ref the Risk Section of this document.

A Special Land Use Permit (SLUP) is required to obtain authorization from the US Fish and Wildlife Service to perform M&R work on the portion(s) of these roads that run across their lands.

Costs associated with the licenses will be nil (\$0) to the project, as USACE is funded to perform ownership research, GIS mapping, and travel; and our PMO will absorb travel costs associated with meeting w/landowners to negotiate licenses.

Cost risk associated with the SLUP(s) depends on whether USFWS insists on 'Mitigation \$ or Land' to offset the impact of the proposed work; there is no direct compensation to another agency for a SLUP.

NEPA/Environmental Permits

[Briefly describe NEPA compliance actions, specific events, required documents, or environmental permits that have been already prepared or are needed for the project. This is a high level summary and should not include details. Consult with FM&E environmental SMEs for this section. A more detailed approach may be attached in a reference document including previously complete documentation.]

The proposed road repair is covered by the D-3 Categorical Exclusion.

D3	Repair and maintenance of Department-managed buildings, roads, airfields, grounds, equipment, and other facilities which do not result in a change in functional use or an impact on a historically significant element or setting (e.g. replacing a roof, painting a building, resurfacing a road or runway, pest control activities, restoration of trails and firebreaks, culvert maintenance, grounds maintenance, existing security systems, and maintenance of waterfront facilities that does not require individual regulatory permits).
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- Clean Water Act Compliance will require generation of regional general permits and potentially pre-construction notifications to US Army Corps of Engineers Regulatory Branch in Ft Worth District, TX, for stream crossings, and other "waters of the United States." These locations will have to be identified prior.
- Cultural Resources surveys will be required in areas where excavation will be required for installation of low water crossings or culverts.
- Contractor compliance with the environmental Best Management Practices (BMP) identified for the project.

"Other" Approvals

[Describe any additional required approvals from Federal, State and local agencies/governments (e.g. DOT, DOD, IBWC, etc.) that may need to be acquired for the project. This is a high level summary and should not include details.]

- Endangered Species Act coordination will be required, but will be accomplished as part of the CATEX process
- US Fish & Wildlife Service administers some of the refuge lands through the road proceeds. Coordination will be required.
- USDA – Tick Riders administer the cattle exclusion fence which is located in parts of this

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road reach. Coordination will be required

- Some sections of this road may lie within the delineated floodplain. If so, coordination with IBWC will be required.

Schedule of Deliverables

[List key deliverables and their anticipated start date, duration and end date. Attach a detailed schedule as an addendum]

Schedule of Deliverables															End Date
Key Deliverables	Costs	Start Date	FY12				FY13				FY14				
			1 st	2 nd	3 rd	4 th	1 st	2 nd	3 rd	4 th	1 st	2 nd	3 rd	4 th	
Program Management	(b) (5)														
Real Estate															
Environmental															
Design															
Procurement															
Construction															
Construction Oversight															

(b) (5)

Initial Cost Estimate

[Enter the total project cost in column 1, indicating the type of money, and designate cost by "FY funding year", not "FY to be constructed" in the remaining columns. Insert columns for additional fiscal years as necessary. Please work with Financial Management Branch to determine funding information. Modify columns as needed for the correct fiscal years associated with this project.]

\$ Total Project Cost	FY__	FY10	FY11	FY12
<input type="checkbox"/> Construction <input checked="" type="checkbox"/> BSFIT <input type="checkbox"/> O&M <input type="checkbox"/> D&D	<input type="checkbox"/> Construction <input type="checkbox"/> BSFIT <input type="checkbox"/> O&M <input type="checkbox"/> D&D	<input type="checkbox"/> Construction <input type="checkbox"/> BSFIT <input type="checkbox"/> O&M <input type="checkbox"/> D&D	<input type="checkbox"/> Construction <input type="checkbox"/> BSFIT <input type="checkbox"/> O&M <input type="checkbox"/> D&D	<input type="checkbox"/> Construction <input checked="" type="checkbox"/> BSFIT <input type="checkbox"/> O&M <input type="checkbox"/> D&D
\$	\$	\$	\$	\$

[Note: A detailed WBS and cost analysis will be required and submitted as a separate document post-PRD approval. Template will be provided.]

Potential Project Risks/Mitigations

[Insert applicable risks and associated mitigations for each category per the list below. Assuming the proposed risk mitigations will be implemented, estimate the probability of the risk still occurring and the impact (high, medium, or low) to the project if it occurs.]

Project Risks				
Category	Risk	Probability (%)	Impact	Mitigation Strategy
Regulatory Compliance	(b) (5)			

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Scope Changes	(b) (5)
Archeological/Environmental	
Latent Conditions /Underground Water /Utilities/Sub-surface Rock	
Hazardous Waste	
Resource Shortage	
Resource Shortage	
Architecture/Engineering	
Regulatory Compliance	

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(b) (6), (b) (7)(C), Director _____ Date _____
FM&E Tactical Infrastructure PMO _____

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APPROVAL:

(b) (6), (b) (7)(C), Chief _____ Date _____
Office of Border Patrol, Southwest Division _____

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