

# Building The Wall

The Strategy & Way Forward

March 27, 2017



Homeland  
Security

PREDECISIONAL/FOR OFFICIAL USE ONLY

# Agenda

- Overview & Current Status
- Reprogramming Priorities
- FY 2017 Priorities
- FY 2018 Priorities



**Homeland  
Security**

PREDECISIONAL/FOR OFFICIAL USE ONLY

# Wall Overview & Current Status

Per the President's Executive Order:

- “secure the southern border of the United States through the immediate construction of a physical wall on the southern border...”

Current state:

- 654 miles of fencing
  - 354 miles of pedestrian fence
  - 300 miles of vehicle fence
- ~1300 miles without border barrier
  - ~127 miles are unsuitable for construction
    - ~33 miles of bluffs in Big Bend Sector
    - ~59 miles of lakes in Texas
    - ~35 miles in the Pacific Ocean & Gulf of Mexico
  - Remaining miles are being evaluated by USBP through the Capability Gap Analysis Process



**Homeland  
Security**

PREDECISIONAL/FOR OFFICIAL USE ONLY

# Summary

| Budget               | Amount<br>(in thousands)  | Anticipated Outcomes   |
|----------------------|---|--|
| Reprogramming        | \$20,000  | <ul style="list-style-type: none"> <li>Multiple wall prototypes to inform border barrier toolkit &amp; future construction efforts</li> <li>Wall design standards to expand the current border barrier toolkit</li> <li>Real estate and environmental planning and design for: <ul style="list-style-type: none"> <li>Levee wall and new border barrier system in Rio Grande Valley (RGV) Sector</li> <li>Completion of enforcement zone in San Diego</li> </ul> </li> </ul> |
| FY 2017<br>Amendment | \$999,000   | <ul style="list-style-type: none"> <li>Continue real estate and environmental planning and design for high priority miles in the RGV and Tucson (TCA) and/or El Paso (EPT) Sectors</li> <li>Construct ~ 34 new miles of levee wall and border barrier system in RGV</li> <li>Construct ~14 miles of border barrier in San Diego (replace secondary fence with wall)</li> <li>Construct ~14 miles of border barrier in San Diego (replace primary fence)</li> </ul>           |
| FY 2018<br>Blueprint | ~\$2,600,000<br>(funds include wall and additional investments) | <ul style="list-style-type: none"> <li>Construct ~ 71 new miles of border barrier in RGV and TCA and/or EPT Sectors</li> </ul>   |



**Homeland  
Security**

PREDECISIONAL/FOR OFFICIAL USE ONLY

# Reprogramming



Homeland  
Security

PREDECISIONAL/FOR OFFICIAL USE ONLY



# Acquisition Strategy – Wall Prototype

Why prototype?

- Industry-tested approach to define the best solution when considering a new product or methodology

Why two Requests for Proposals (RFP)?

- Maximizes industry's opportunity to bid
- Increases competition
- Encourages small business participation
- More defensible and consistent evaluation process – compares apples to apples

RFP #1 – Reinforced Concrete

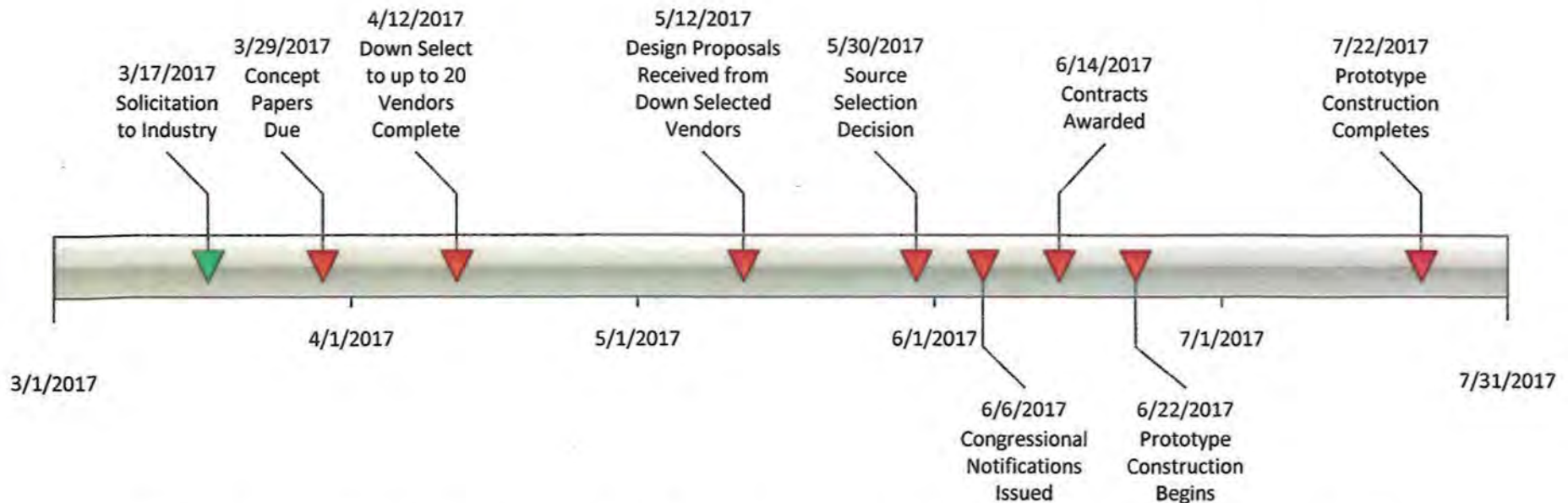
RFP #2 – Unspecified Materials



**Homeland  
Security**

PREDECISIONAL/FOR OFFICIAL USE ONLY

# Wall Prototype Schedule - ~\$2M



- Two parallel processes for two-phased evaluation and award for each RFP
  - Multiple awards result from each RFP
- Evaluation timelines are estimated at two weeks for each stage
  - Dependent upon volume of proposals



Homeland  
Security

PREDECISIONAL/FOR OFFICIAL USE ONLY

# Wall Prototype Location - SDC

## Why San Diego?

- Allows CBP to evaluate:
  - Performance relative to underperforming legacy materials in the same location (800+ breaches in a single year)
  - Performance as it relates to the reduction in vanishing time
  - Prototype impact on operations in an existing enforcement zone
- Readily executable due to Federally-owned land



**Homeland  
Security**

PREDECISIONAL/FOR OFFICIAL USE ONLY



# Prototype Construction Location



**Homeland  
Security**

PREDECISIONAL/FOR OFFICIAL USE ONLY

*Blue strip* indicates Border Infrastructure System location,  
prototype construction location is bounded by *green* diamonds

# Prototype Construction Location

Expected  
prototype  
construction  
location



Homeland  
Security

PREDECISIONAL/FOR OFFICIAL USE ONLY



# Prototype Construction Location

Expected  
prototype  
construction  
location



Homeland  
Security

PREDECISIONAL/FOR OFFICIAL USE ONLY

# Applying Sound Acquisition Management Practices to the Wall

- DHS and CBP are already executing the deliberative acquisition process called out in DHS Management Directive 102-01
- An Acquisition Review Board (ARB) occurred on March 20, 2017 to approve Acquisition Decision Event One (ADE-1).
  - At ADE-1, the Department reviews the broadly-defined requirements and authorizes more deliberative and detailed requirements definition, analysis of alternatives, and development of a program structure.
- The wall prototypes currently planned will support the analyses and activities that must occur between ADE-1 and ADE-2. CBP anticipates reaching the ADE-2A milestone in the summer 2017.
- Approval at ADE-2A will establish the Wall program as a formal “program of record” and authorize more complete development and deployment of Wall segments.
  - Specific deployments may be authorized in increments, if appropriate



Homeland  
Security

PREDECISIONAL/FOR OFFICIAL USE ONLY



# FY 2017 Request RGV and SDC



Homeland  
Security

PREDECISIONAL/FOR OFFICIAL USE ONLY

# U.S. Border Patrol Requirements

USBP is completing *a full spectrum requirements analysis* with the John's Hopkins Capability Gap Analysis Process (CGAP). The result of this process will identify priority locations for border barrier.

Key components of this process include:

- Questionnaire
- Station Data Capture
- Station Solution Prioritization
- Geospatial Information
- Master Capability Survey
- Threat Survey

Top 4 Priority Areas:

- Domain awareness
- Impedance & Denial
- Access & Mobility
- Mission Readiness



Homeland  
Security

PREDECISIONAL/FOR OFFICIAL USE ONLY

# U.S. Border Patrol Requirements

Each Sector is gathering:

- Geographic Prioritization
- Investment Prioritization
- Bottom-up/Top-down reconciliation of solution sets
- Courses of Action (COA) development, analysis, trade-offs, recommendations
- Refinement of interactive Geospatial Planning Tool



Geographic/  
Investment Priorities

1. Red – Very High
2. Orange – High
3. Yellow - Moderate



**Homeland  
Security**

PREDECISIONAL/FOR OFFICIAL USE ONLY



# FY 2017 Request Overview - RGV

While USBP is in the process of finalizing requirements for border barrier, we have preliminary identified needs in RGV.

- Construction of ~28 miles of levee wall in the McAllen and Weslaco Station Areas of Responsibility (AOR)
- Construction of ~6 miles of border barrier system in the Rio Grande City (RGC) and McAllen Station AOR
- Real estate and environmental planning and design of ~47 additional miles of new border barrier system in RGC Station AOR and TCA and/or EPT (FY 2018 construction)

## Why RGV?

- RGV is the priority USBP Sector
- RGV Initial Requirements Document Identifies Rio Grande City, McAllen, and Weslaco Stations as Priority Stations
- Supported by Analysis
  - Terrain/environmental Analysis
  - Proximity to urban center & roads
  - Short adversary vanishing times
  - High Sector/Station solution priorities

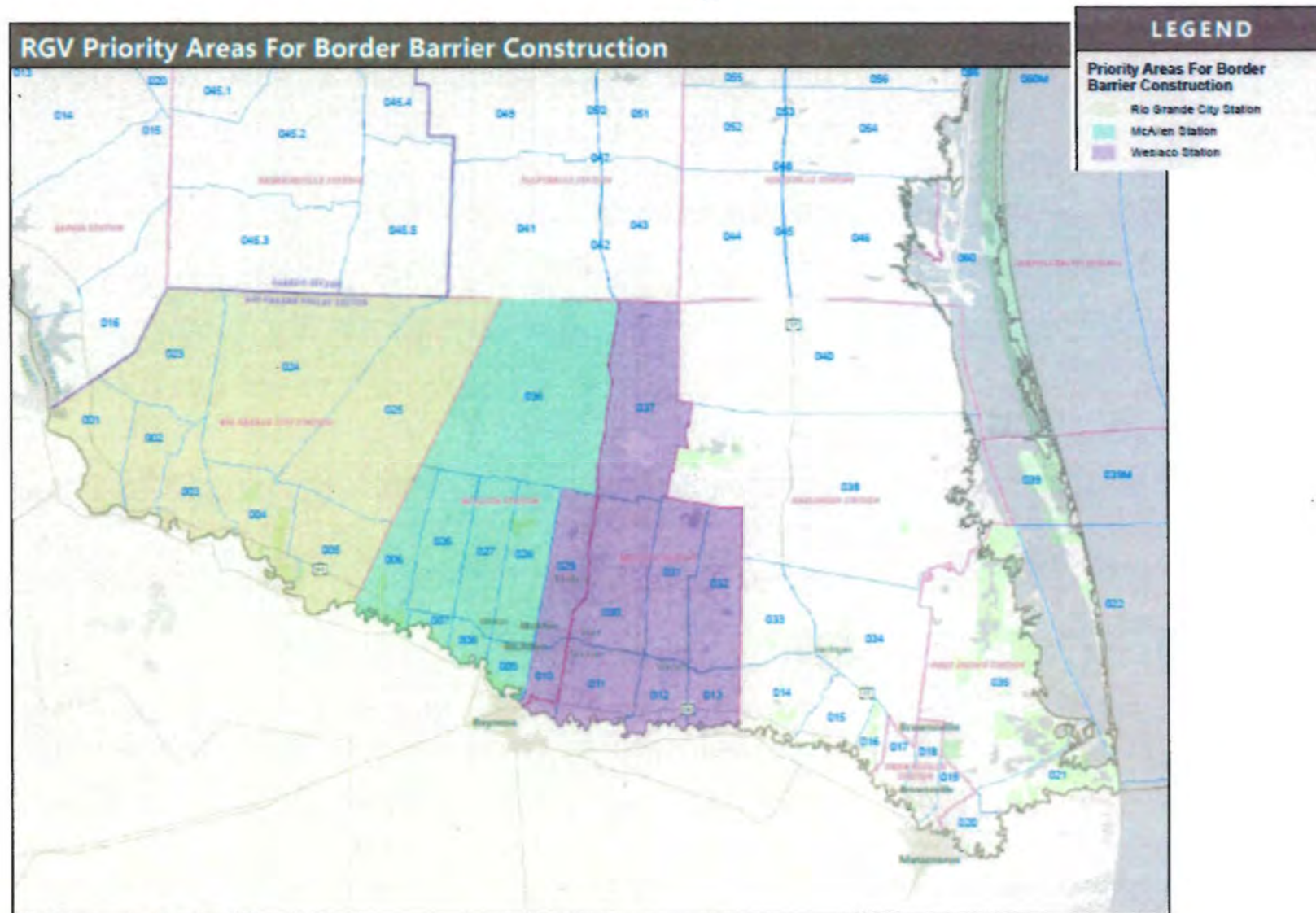


**Homeland  
Security**

PREDECISIONAL/FOR OFFICIAL USE ONLY



# FY 2017 Priorities Map - RGV



**Homeland  
Security**

PREDECISIONAL/FOR OFFICIAL USE ONLY

# FY 2017 Request Overview - SDC

USBP has also identified mileage in SDC for construction:

- ~14 miles of enforcement zone in SDC in the Imperial Beach and Chula Vista Station AORs
  - 14 miles of new border barrier (replacing secondary fence)
  - 14 miles of border barrier replacement (replacing primary legacy landing mat)

Why San Diego?

- Readily executable due to Federally-owned land
- Supported by Analysis
  - Terrain/environmental Analysis
  - Proximity to urban center & roads
  - Short adversary vanishing times
  - High Sector/Station solution priorities



**Homeland  
Security**

PREDECISIONAL/FOR OFFICIAL USE ONLY



# FY 2017 Priorities Map - SDC



**Homeland  
Security**

PREDECISIONAL/FOR OFFICIAL USE ONLY

*Blue strip* indicates Border Infrastructure System, the location for new and replacement border barrier construction

# FY 2018 Request RGV and TCA and/or ELP



**Homeland  
Security**

PREDECISIONAL/FOR OFFICIAL USE ONLY



# FY 2018 Request Overview - RGV

While USBP is in the process of finalizing requirements for border barrier, we have preliminary identified needs in RGV.

- Construction of ~47 additional miles of new border barrier system in the RGC Station AOR

## Why RGV?

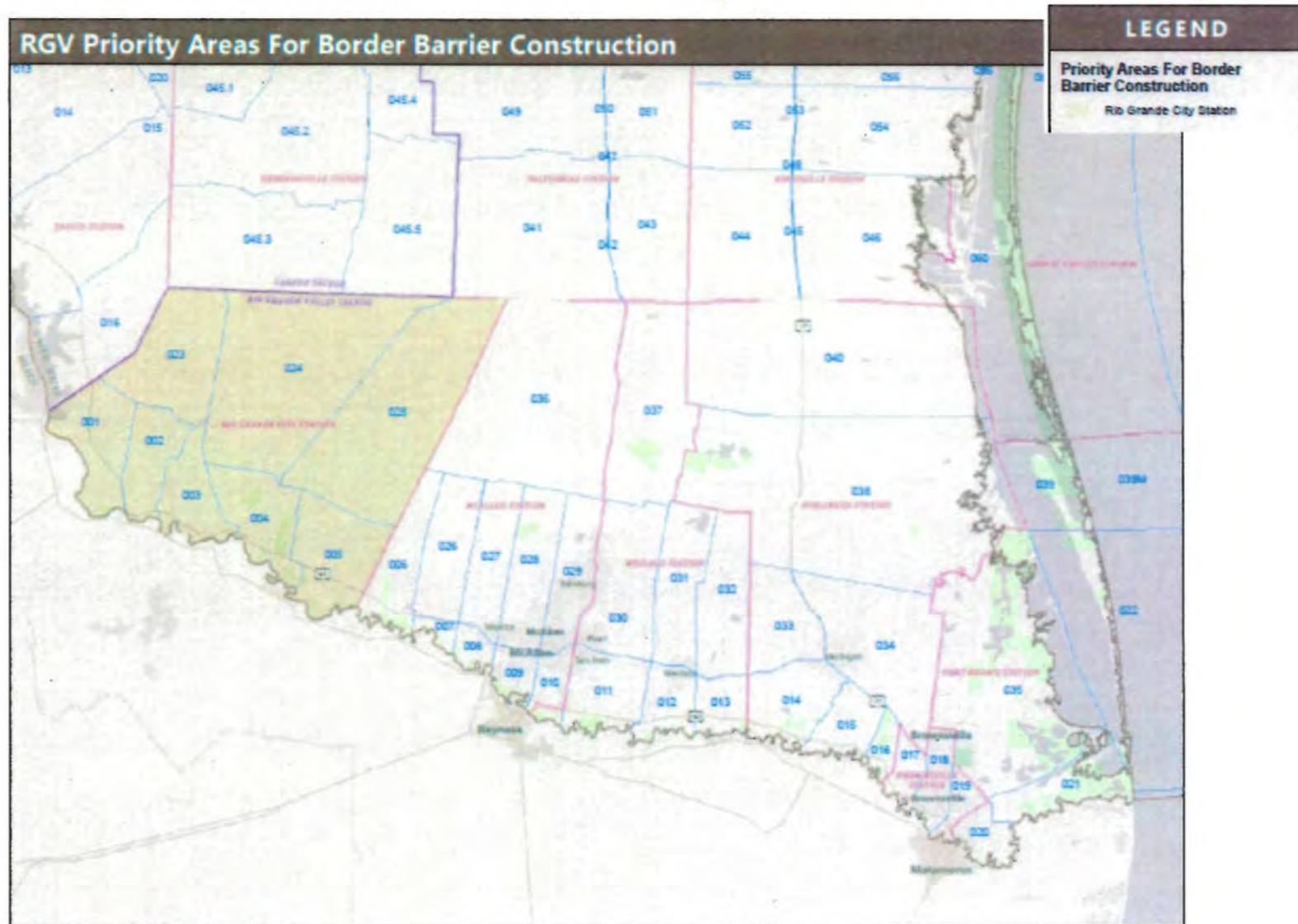
- RGV is the priority USBP Sector
- RGV Initial Requirements Document Identifies Rio Grande City, McAllen, and Weslaco Stations as Priority Stations
- Supported by Analysis
  - Terrain/environmental Analysis
  - Proximity to urban center & roads
  - Short adversary vanishing times
  - High Sector/Station solution priorities



**Homeland  
Security**

PREDECISIONAL/FOR OFFICIAL USE ONLY

# FY 2018 Priorities Map - RGV



**Homeland  
Security**

PREDECISIONAL/FOR OFFICIAL USE ONLY



# FY 2018 Request Overview – El Paso and Tucson Sectors

~24 miles of additional border barrier system construction can be accomplished with the FY 2018 request. USBP will prioritize these miles between:

- Tucson (TCA) Sector

and/or

- El Paso (EPT) Sector

## Why TCA?

- To deny drug trafficking organizations (DTO) cross-border access and thereby prevent armed conflicts between U.S.-based rip crews and armed mules with the Sinaloa Cartel
- To deny DTOs the ability to execute multi-vehicle/high-volume and extremely dangerous drive throughs
- Denying DTOs these abilities will dramatically improve agent safety and public safety

## Why EPT?

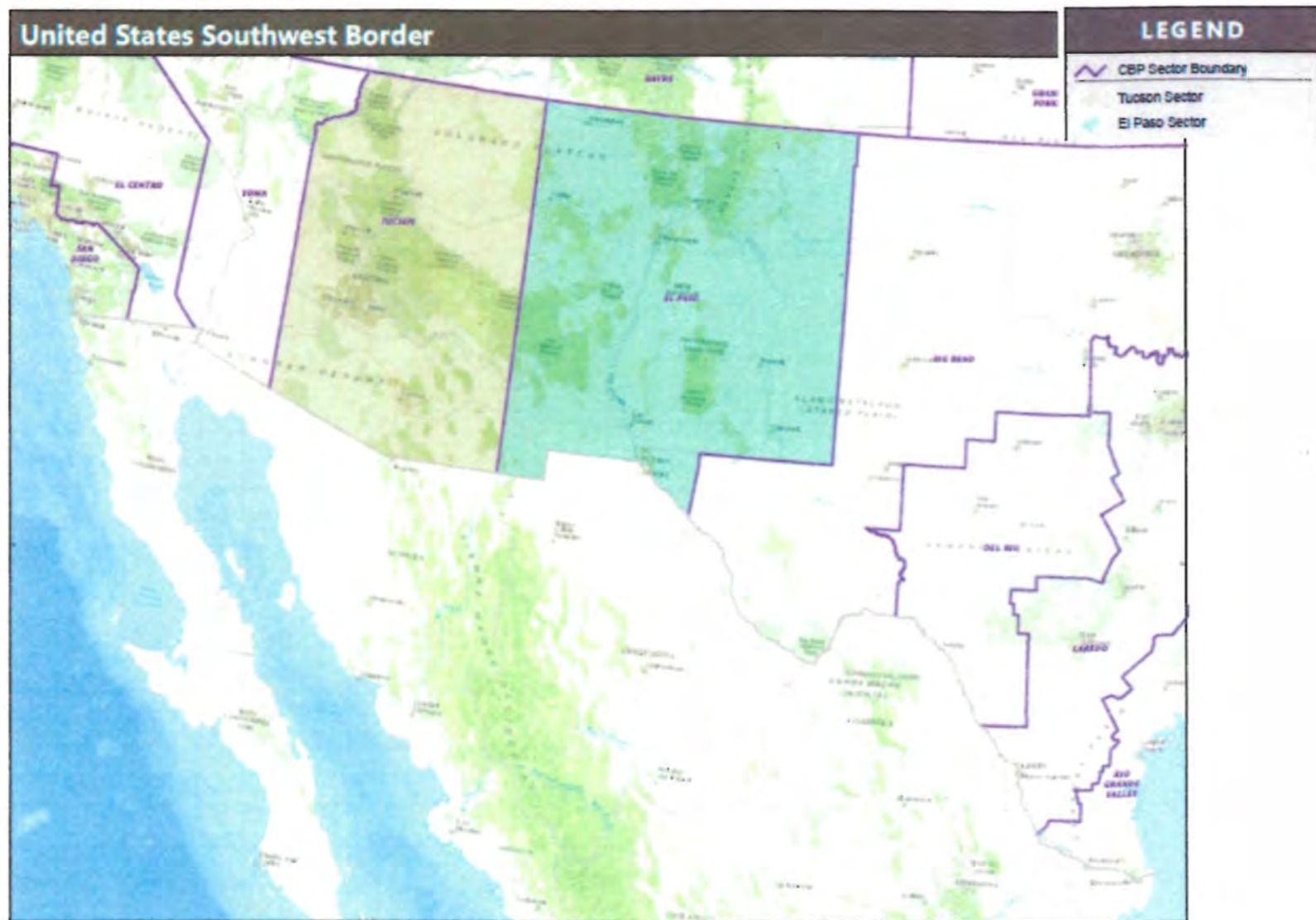
- Improve deficient impedance and denial capability and initiate same in critical areas where none exists.



**Homeland  
Security**

PREDECISIONAL/FOR OFFICIAL USE ONLY

# FY 2018 Priorities Map – TCA & EPT



**Homeland  
Security**

PREDECISIONAL/FOR OFFICIAL USE ONLY



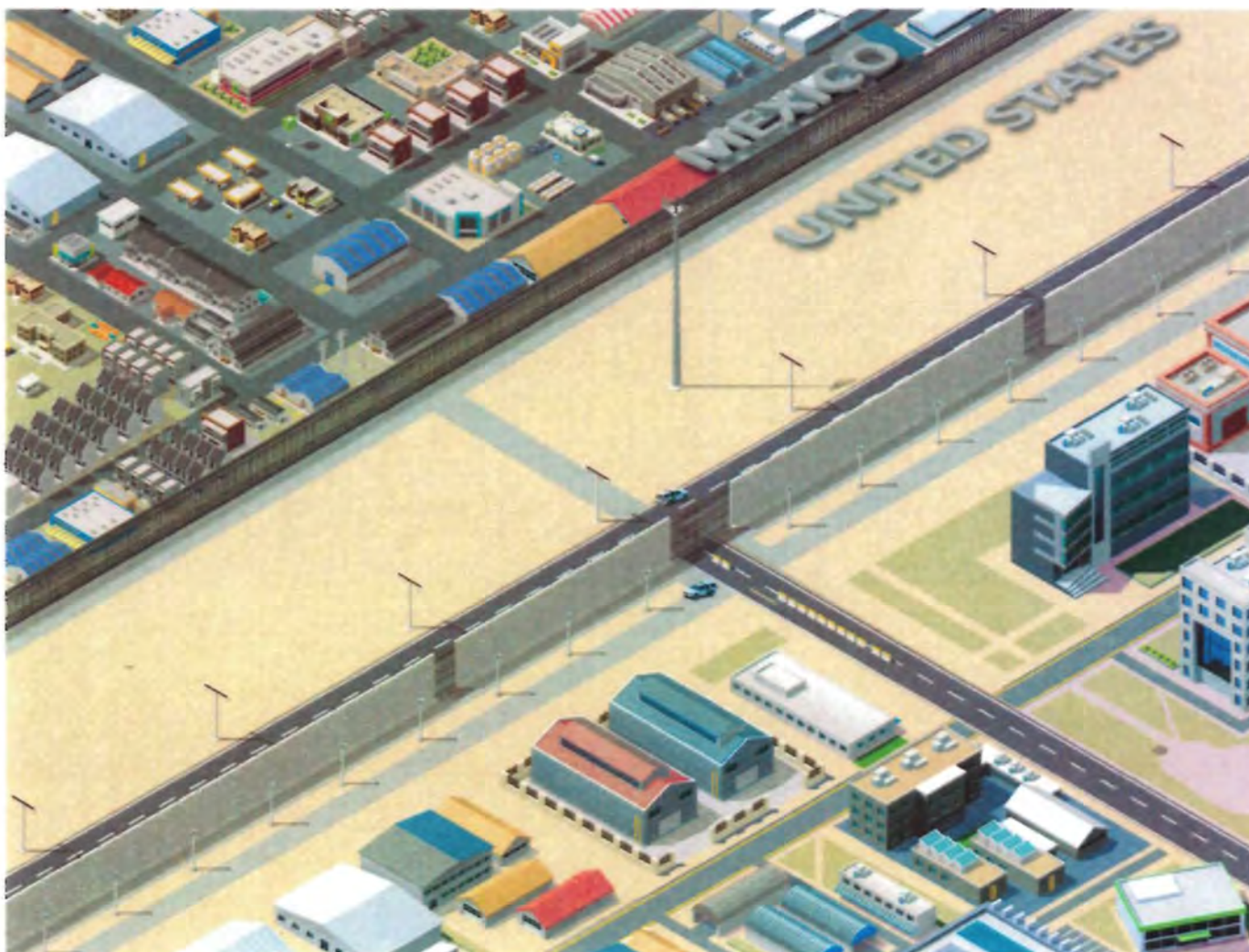
# BACK UP



**Homeland  
Security**

PREDECISIONAL/FOR OFFICIAL USE ONLY

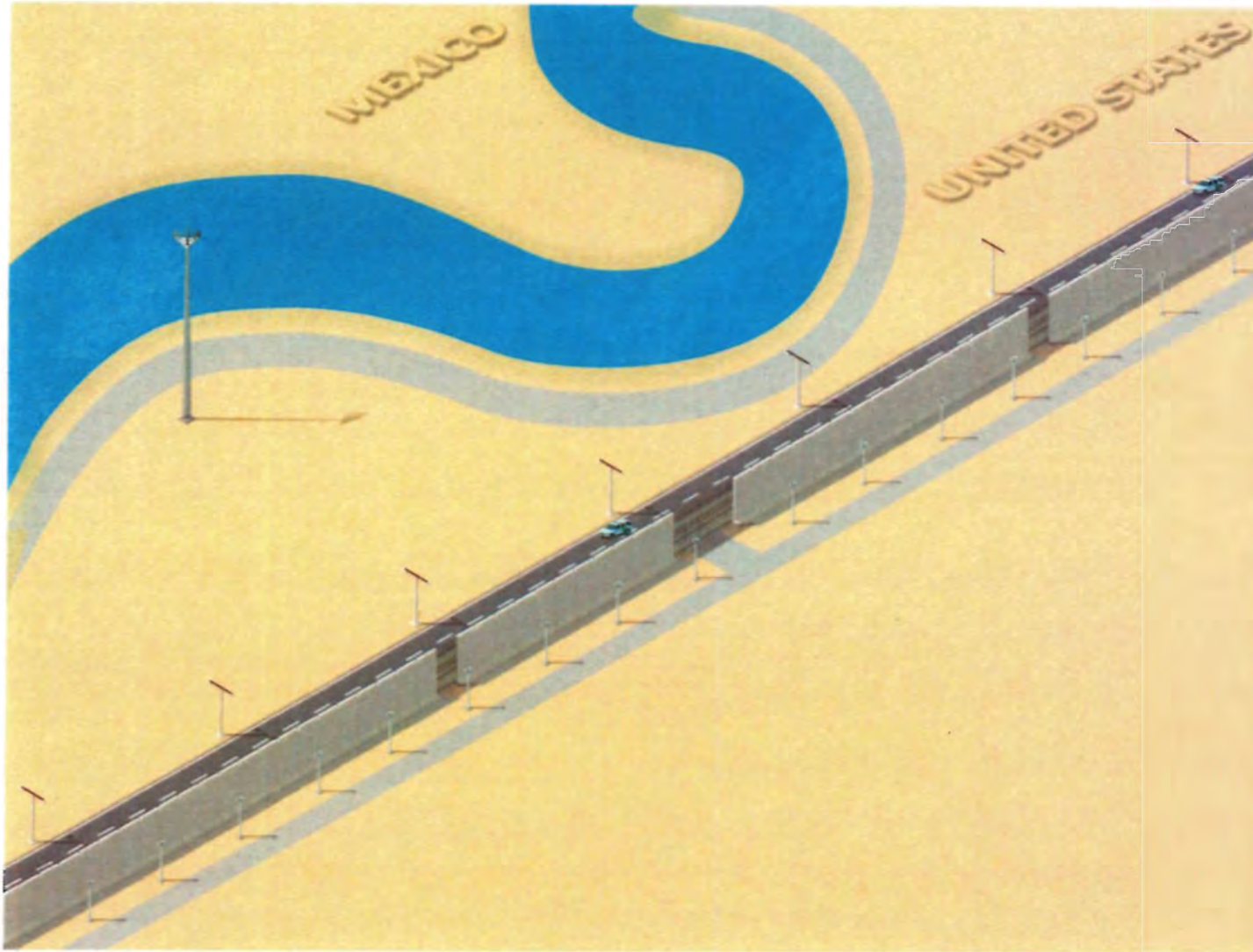
# The Enforcement Zone



Homeland  
Security

PREDECISIONAL/FOR OFFICIAL USE ONLY

# The Enforcement Zone



**Homeland  
Security**

PREDECISIONAL/FOR OFFICIAL USE ONLY



# Border Infrastructure System - SDC



Homeland  
Security

PREDECISIONAL/FOR OFFICIAL USE ONLY



# Sample Border Barrier



Homeland  
Security

PREDECISIONAL/FOR OFFICIAL USE ONLY



# Homeland Security