



Fiscal Year 2018 (FY18) Rio Grande Valley (RGV) Levee/Border Wall System Construction Projects Overview

The wall system will be similar to other levee and border wall system infrastructure located within the RGV Sector. In this handout, you will find maps showing the locations for levee wall system in Hidalgo County and border wall system in Starr County. The approximate mileage is as follows:

Hidalgo County

APPROXIMATELY

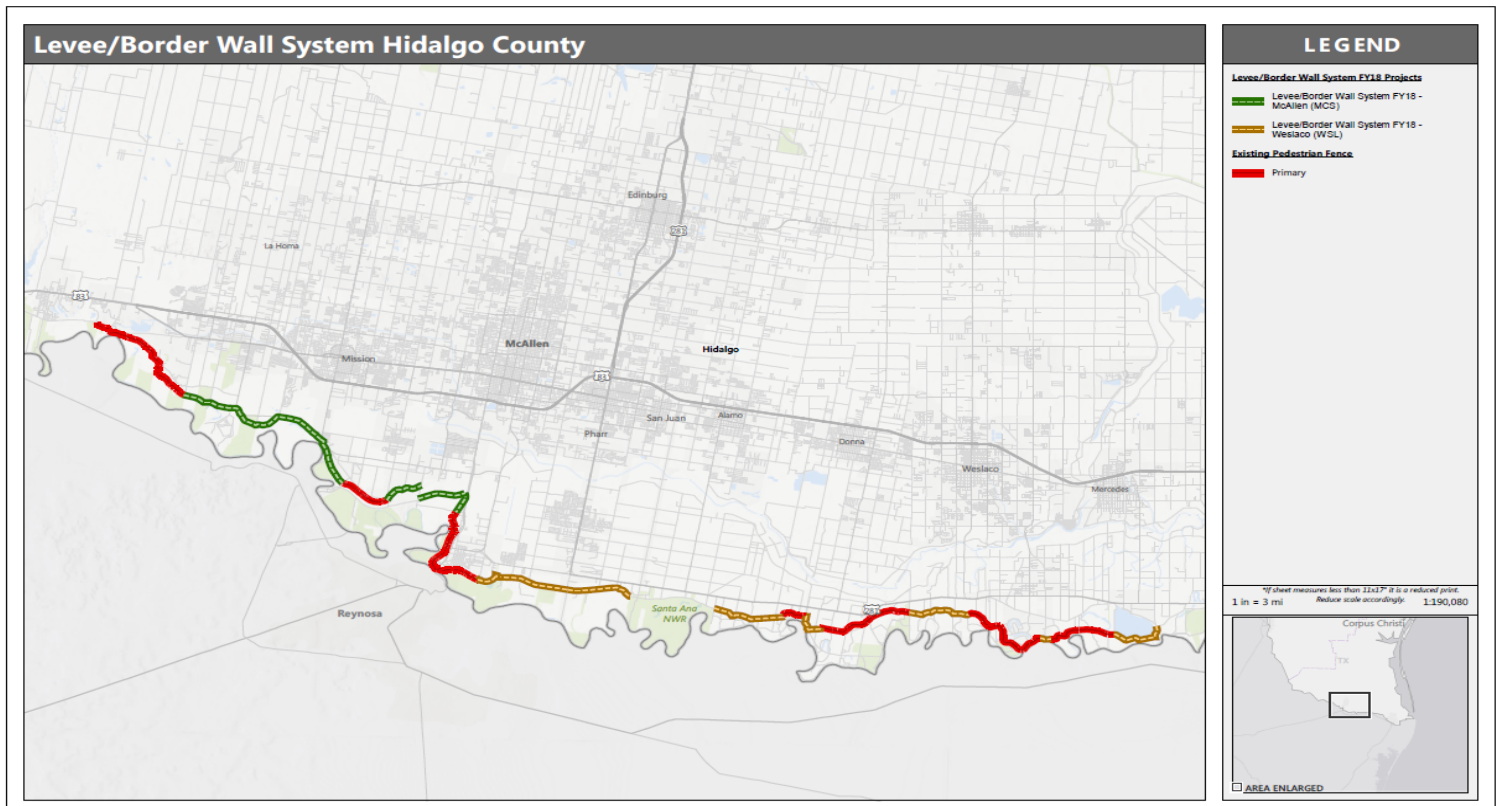
25
Miles

Starr County

APPROXIMATELY

8-12
Miles

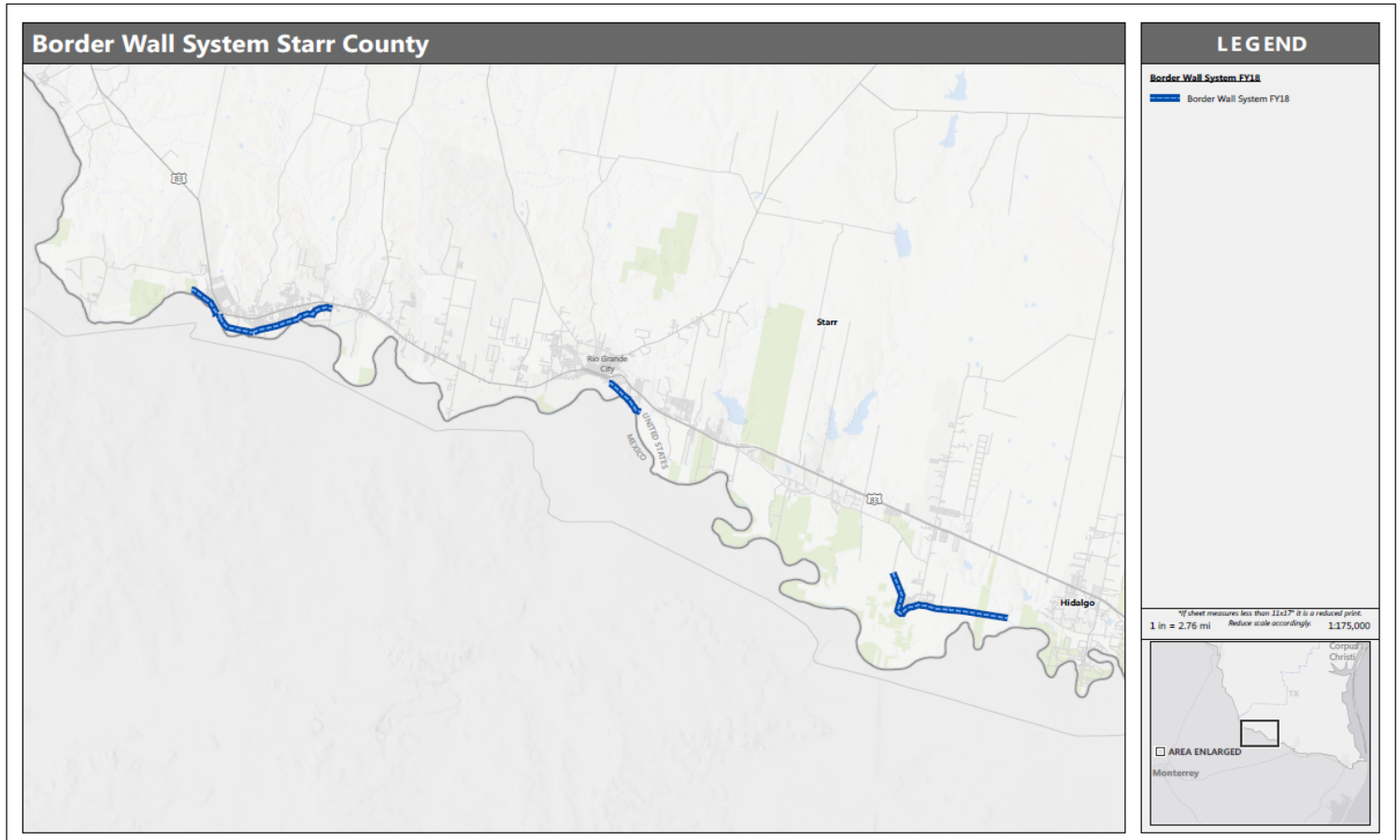
Regarding the approximate 25 miles of levee wall system in Hidalgo County, the proposed alignment would be situated on the south face of the northern U.S. International Boundary Water Commission (IBWC) levee. The proposed design includes a reinforced concrete levee wall system to the approximate height of the existing levee with 18-foot tall steel bollards installed on the top of the levee wall system. The project would also include a 150-foot enforcement zone on the south/river side of the levee wall system, detection and surveillance technology that would be incorporated into the levee wall system, automated vehicle gates, pedestrian gates, an all-weather patrol road that would run parallel to the levee wall system, and enforcement zone lighting.





U.S. Customs and Border Protection

Regarding the approximate 8 miles of border wall system in Starr County, with the option for 4 additional miles, proposed design includes 20- to 30-foot tall steel bollards, detection and surveillance technology that would be incorporated into the border wall design, pedestrian gates, and an all-weather patrol road parallel to the border wall system. It could also include a 150-foot enforcement zone on the south/river side of the border wall and enforcement zone lighting.



Additional details of the possible components of the projects are as follows:

- **Levee Wall**— The levee wall would be a concrete wall to the approximate height of the levee crest with 18-foot tall bollards installed in the top of the levee wall.
- **Bollard Wall in Starr County**— The bollard wall would be 20- to 30-feet high utilizing 6"x6" concrete filled steel bollards.
- **150-foot Enforcement Zone**— The enforcement zone would be an area extending from the south/river side of the levee wall or border wall systems approximately 150 feet. All vegetation within the 150-foot enforcement zone will be cleared.
- **Gates**— Automated vehicle gates would be installed with a minimum height of 18 feet and minimum width of 20 feet. In addition, gates designed to allow for farming equipment would be installed where appropriate and range in width from 40 to 50 feet. All gates will be motorized overhead sliding gates with an enclosed drive and operator system.
- **Lighting**— LED lighting would be installed as part of this project. CBP would 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 (type FC-2) would be constructed on the south side, parallel to the levee or border wall system and within the 150-foot enforcement zone. The specific location of the road within the enforcement zone would be determined during the design phase of the project.
- **Cameras**— A camera surveillance system would be installed to monitor the wall, the enforcement zone, and southern approach.