

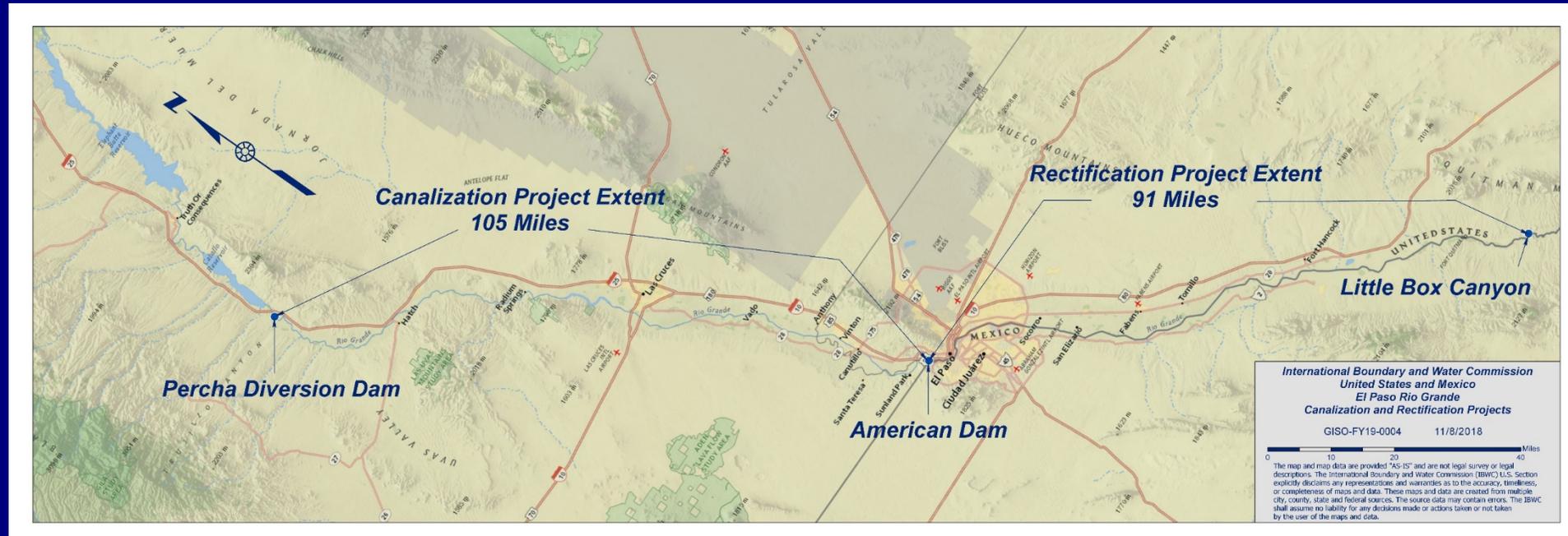
The image features two flagpoles crossing in the center. The pole on the left holds the Mexican national flag, which is partially visible on the left side of the frame. The pole on the right holds the United States national flag, which is partially visible on the right side. The background is plain white.

Rio Grande Levee Rehabilitation

2021 Citizens Forum
**Update on Canalization Work
in the Sunland Park Area**



Upper Rio Grande Flood Control System

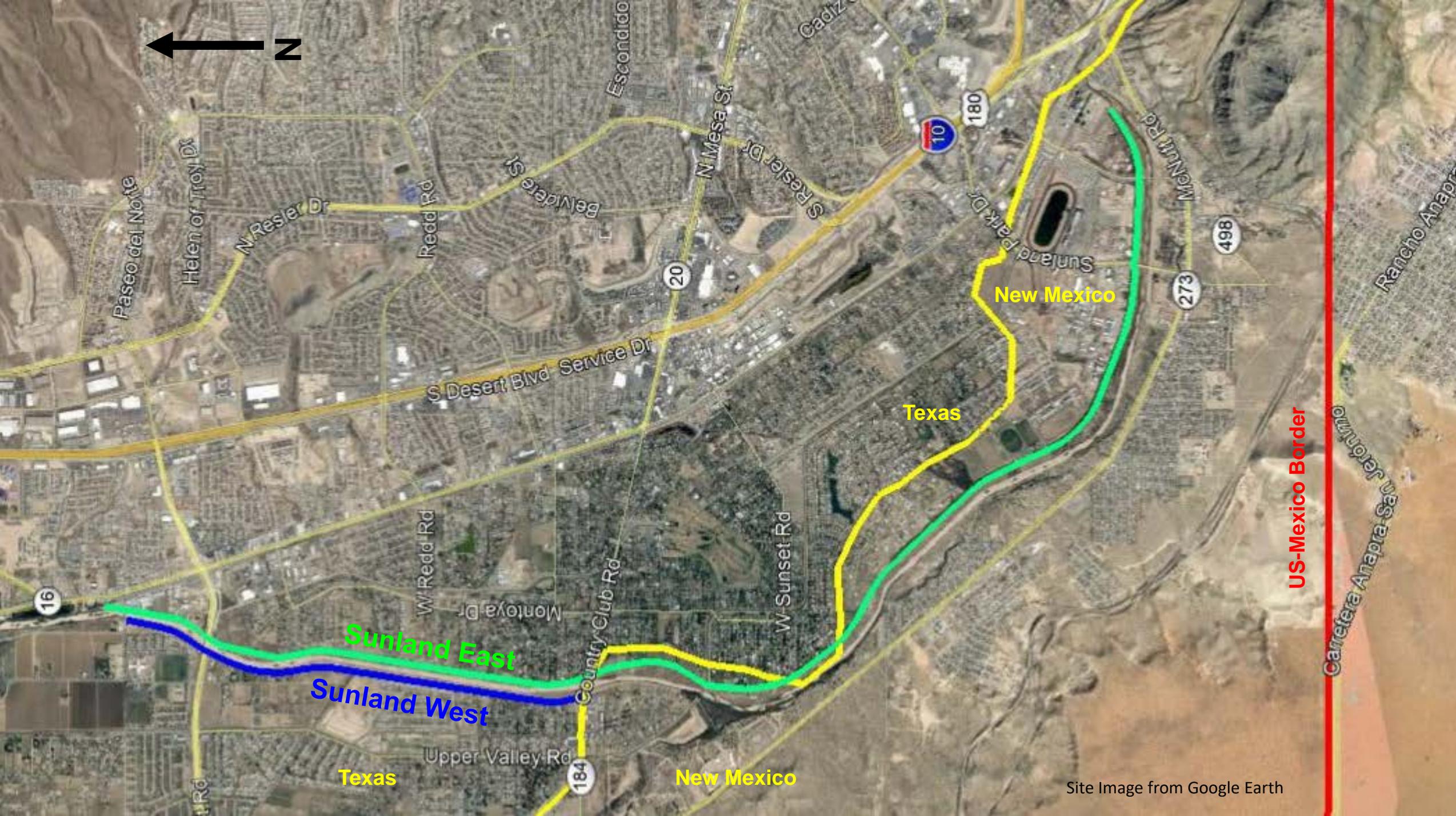


The Upper Rio Grande Flood Control System consists of US flood control levees alongside 204 miles of the Rio Grande from Percha Dam located below Caballo Reservoir in New Mexico to Little Box Canyon, Texas. It includes both the Canalization Project and the Rectification Project.



Sunland Park Levees

- Sunland Park West Levee
 - 2.8 miles currently under construction
 - 0.6 miles under design
- Sunland Park East Levee
 - 8.4 miles under design
- Country Club Bridge Floodgate
- Site map follows on next slide



New Mexico

Texas

Sunland East

Sunland West

Texas

New Mexico

US-Mexico Border

Site Image from Google Earth



Sunland Park West Levee

- Current Construction
 - Borderland Bridge to Country Club Bridge
 - Contract #191BWC19C0010
 - \$6,392,200
 - Fisher Sand & Gravel Co
 - Construction scheduled for completion by end of June 2021
 - Levee and floodplain will be seeded with native grasses
 - Maintenance of vegetation through at least December 2021



Sunland Park West Levee



New levee prior to topsoil & gravel

New levee after topsoil & gravel



Sunland Park West Levee



Continuing levee work.



Prepping for concrete work.



Sunland Park West Levee

- Remaining Construction
 - Country Club Bridge to Nemexas Siphon
 - Design 90% complete
 - Anticipate issuing solicitation for construction this year



Sunland Park East Levee

- Remaining Construction
 - Borderland Bridge to El Paso Electric Power Plant
 - Design 90% complete
 - Anticipate issuing solicitation for at least part of 8.4 miles of construction this year
 - Length of construction will depend upon available funding



Country Club Floodgate

- Installed in 2012
 - After installation, began receiving noise complaints
 - IBWC 2013 noise study concluded that “traffic driving over the bridges in this study area exhibited an increase in low-frequency noise and decrease in mid- and high-frequency” noise





Country Club Floodgate

- Removal of floodgate as part of levee reconstruction
 - Replacing floodgate with stoplogs
 - Design 90% complete
 - Anticipate issuing solicitation for construction this year
- Stoplogs
 - Roadway will be rebuilt to match bridge/road crown, eliminating current noise
 - Stoplogs will require storage of materials onsite
 - Shed or container will store materials



Canalization Levee Accreditation

- As IBWC completes levees, we are working with local project sponsors who must certify and submit the required information to show that the levee system meets all design and operations requirements of 44 CFR 65.10
 - Local sponsors and stakeholders include City of El Paso, El Paso County, El Paso Water, City of Sunland Park, Doña Ana County, Elephant Butte Irrigation District, and El Paso County Water Improvement District #1
- FEMA 44 CFR 65.10 requires: levee design (which includes freeboard, closures, erosion protection, seepage, and settlement), as-built drawings, interior drainage, operation plans, and maintenance plans



Additional Information

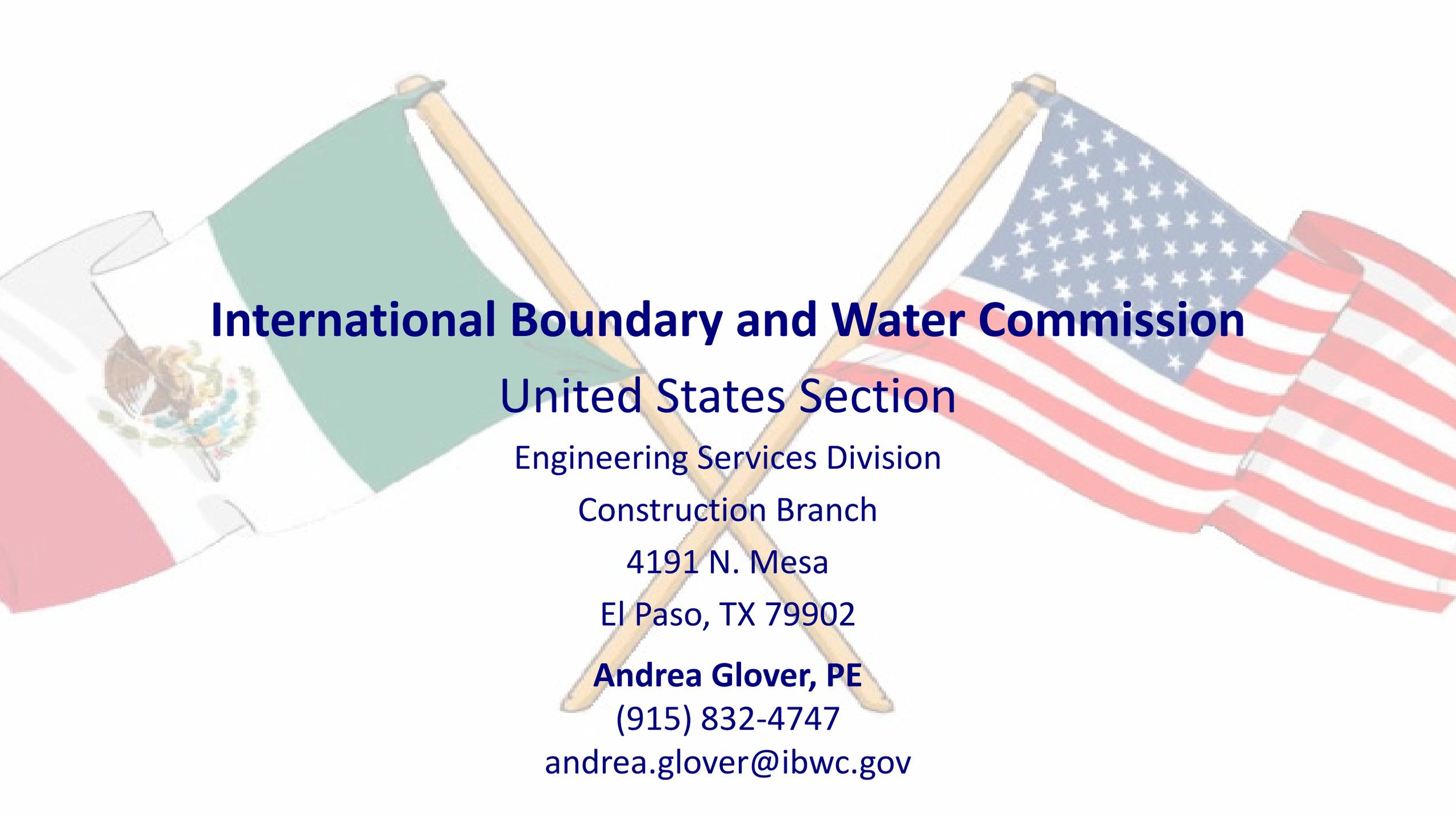
City of El Paso, IBWC, and FEMA held Open House on December 16 and 17, 2020. Videos of presentation can be found at:

<https://www.elpasotexas.gov/planning-and-inspections/flood-zones-2/open-house/>

Maps of Canalization Project are available at:

<https://www.ibwc.gov/Files/Canalization-Rectification.pdf>

https://www.ibwc.gov/GIS/Maps/levee-rehab-status_tabbed.html

The background features two flags on wooden poles that cross in the center. On the left is the Mexican flag, with its characteristic green, white, and red vertical stripes and the national coat of arms in the center. On the right is the United States flag, with its stars and stripes. The text is overlaid on this background.

International Boundary and Water Commission

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