

The seal of the International Boundary and Water Commission, United States and Mexico, is centered in the background. It is a circular emblem with a white border containing the text "INTERNATIONAL BOUNDARY AND WATER COMMISSION" at the top and "COMISION INTERNACIONAL DE LIMITES Y AGUAS" at the bottom. The center of the seal features a stylized representation of the United States flag (stars and stripes) on the right and the Mexican flag (green, white, and red vertical stripes with the national coat of arms in the center) on the left, separated by a diagonal line.

# Upper Rio Grande Flood Control Project

## Update on Levee Construction Projects

December 13, 2010

# UPDATE ON LEVEE CONSTRUCTION PROJECTS AMERICAN RECOVERY AND REINVESTMENT ACT OF 2009

- \$220 million appropriated to USIBWC on February 17, 2009
- All Recovery Act funds were obligated by September 24, 2010
- 130.5 miles in the Upper Rio Grande
- 104.5 miles in the Lower Rio Grande
- Additional 69 miles of levee are currently design and will be constructed with future funding



**October 2010 – Canutillo Project**



# UPDATE ON LEVEE CONSTRUCTION PROJECTS

## AMERICAN RECOVERY AND REINVESTMENT ACT OF 2009

Upper Rio Grande Flood Control Project - \$115.4 million ARRA funds

- \$75.3 million, New Mexico, Congressional District 2
- \$27.2 million, El Paso County, Congressional District 16
- \$6.1 million, Hudspeth County, Congressional District 23
- \$6.8 million, Presidio County, Congressional District 23

Lower Rio Grande Flood Control Project - \$103.8 million ARRA funds

- \$68.5 million, Hidalgo County, Congressional District 15
- \$34 million, Hidalgo County, Congressional District 28
- \$1.3 million, Hudspeth County, Congressional District 27



# UPDATE ON LEVEE CONSTRUCTION PROJECTS

## WHY PERFORM LEVEE IMPROVEMENTS

- FEMA is updating flood insurance maps.
- In September 2005, FEMA sent notice to USIBWC requiring USIBWC to certify all levees in El Paso and Doña Ana Counties.
- Given the certification requirements, USIBWC was not able to certify the levees at that time.
- Levees required to be certified and accredited to be shown as providing flood protection from the 1% chance storm (100-year flood).
- Flood protection must include minimum 3 feet of freeboard.
- Flood protection must ensure structural integrity of levee.



# UPDATE ON LEVEE CONSTRUCTION PROJECTS

## HATCH LEVEE IMPROVEMENT PROJECT

- Salem Bridge to Bignell Arroyo
- 13.6 miles of levee
- \$5.4 million contract to Milestone Excavation Inc.
- Notice to Proceed issued on February 3, 2010
- Anticipated Completion Date: March 2011
- 13 miles of embankment complete – 74%



October 2010 – Hatch Project



# UPDATE ON LEVEE CONSTRUCTION PROJECTS

## MESILLA PHASE I LEVEE IMPROVEMENT PROJECT

- East and West Levees, Shalem Bridge to Vado Bridge
- 33.4 miles of levee
- \$26.12 million contract to Lakeshore Engineering
- Notice to Proceed issued on January 25, 2010
- Anticipated Completion Date: April 2011
- 16 miles of embankment complete – 53%



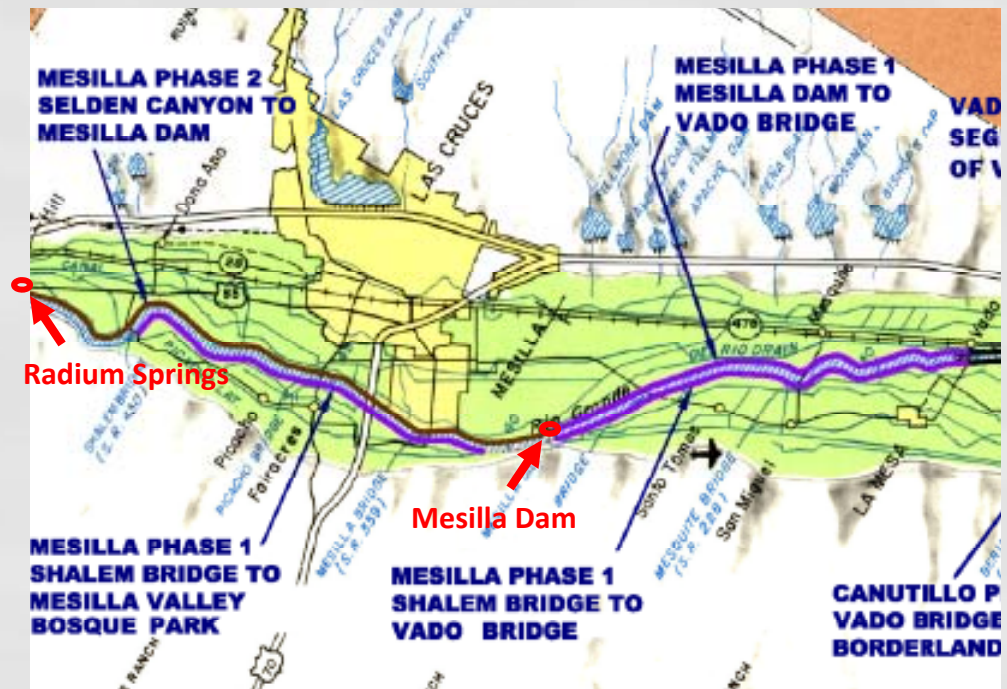
October 2010 – Mesilla Phase I



# UPDATE ON LEVEE CONSTRUCTION PROJECTS

## MESILLA PHASE 2 LEVEE IMPROVEMENT PROJECT

- East Levee, Radium Springs to Mesilla Dam
- 19.6 miles of levee
- \$13.7 million contract to Briston Construction
- Notice to Proceed issued on September 22, 2010
- Anticipated Completion Date: December 2011
- 0 miles of embankment complete – 7%



Mesilla Phase 2



# UPDATE ON LEVEE CONSTRUCTION PROJECTS

## CANUTILLO PHASE I LEVEE IMPROVEMENT PROJECT

- East and West Levees, Vado Bridge to Borderland Bridge
- 28.6 miles of levee
- \$18.79 million contract to Milestone Excavation
- Notice to Proceed issued on February 3, 2010
- Anticipated Completion Date: May 2011
- 20 miles of embankment complete – 43%



October 2010 - Canutillo Phase I



# UPDATE ON LEVEE CONSTRUCTION PROJECTS

## SUNLAND PARK LEVEE IMPROVEMENT PROJECT

- East and West Levees, Borderland Bridge to Power Plant
- 12.8 miles of levee
- \$9.2 million contract to Ultimate Concrete of El Paso
- Notice to Proceed issued on September 28, 2010
- Anticipated Completion Date: February 2012
- 0 miles of embankment complete – 17%



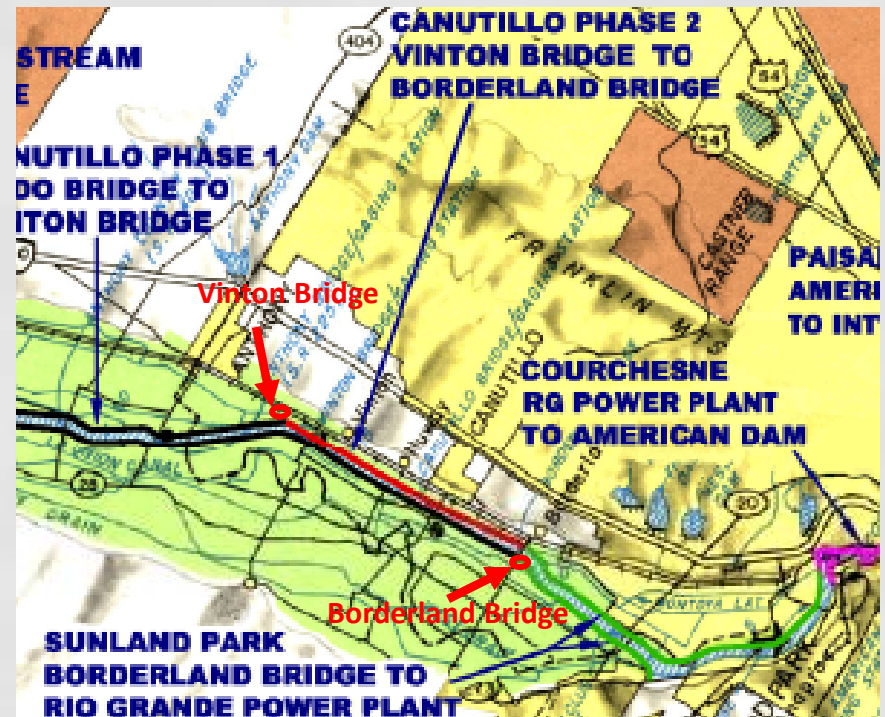
November 2010 – Sunland Park



# UPDATE ON LEVEE CONSTRUCTION PROJECTS

## CANUTILLO PHASE 2 LEVEE IMPROVEMENT PROJECT

- East Levee, Vinton Bridge to Borderland Bridge
- Design of 5.6 miles of levee
- \$1.7 million Design Contract URS Corporation
- Notice to Proceed issued on June 17, 2010
- Anticipated Design Completion Date: May 2011
- Construction – Non Recovery Act



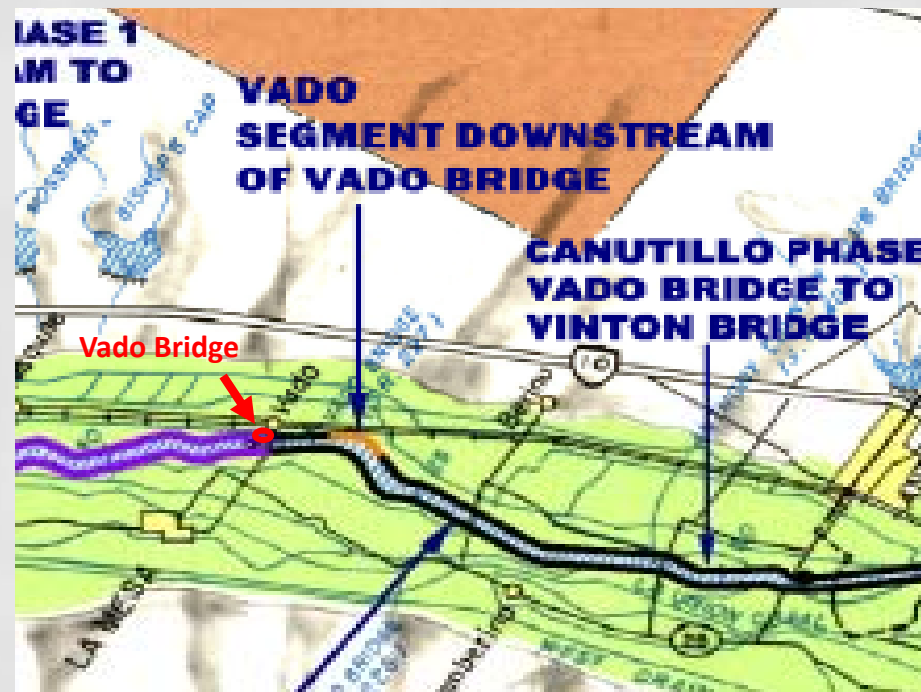
Canutillo Phase 2



# UPDATE ON LEVEE CONSTRUCTION PROJECTS

## VADO SEGMENT LEVEE IMPROVEMENT PROJECT

- East Levee, downstream of Vado Bridge (Del Rio Drain Outlet to Three Saints Lateral)
- Design of 1.08 miles of levee
- \$605, 269 Design Contract Tetra Tech Corporation
- Notice to Proceed issued on September 17, 2010
- Anticipated Design Completion Date: April 2011
- Construction – Non Recovery Act



Vado Segment



# UPDATE ON LEVEE CONSTRUCTION PROJECTS

## FABENS-FORT HANCOCK LEVEE IMPROVEMENT PROJECT

- 15.4 miles of levee
  - 8.5 miles – Fort Hancock
  - 6.9 miles - Fabens
- 28.6 miles of levee
- \$8.3 million contract to Ultimate Concrete of El Paso
- Notice to Proceed issued on July 12, 2010
- Anticipated Completion Date: February 2011
- Fabens – 75% complete
- Fort Hancock – 35% complete



October 2010



# UPDATE ON LEVEE CONSTRUCTION PROJECTS

## FROM LEVEE REHABILITATION TO LEVEE CERTIFICATION

### COMMON QUESTIONS

- What happens after levee rehabilitation is completed?

USIBWC assembles levee certification package for submission to FEMA. At the time of submission, the USIBWC is certifying that the levees will provide the necessary flood protection. FEMA will review the package and may request additional information.

- What's the next step?

FEMA must accredit the USIBWC's certification. In addition, in order for a levee system to be shown on the maps, all levee reaches within the levee system must be certified and/or reach must be hydraulically independent.



# UPDATE ON LEVEE CONSTRUCTION PROJECTS

## FROM LEVEE REHABILITATION TO LEVEE CERTIFICATION

### COMMON QUESTIONS

- What is USIBWC doing to assist the local community?
- USIBWC is currently working with the City of El Paso and FEMA to review available options, such as A99 Designation.
- As a federal agency, USIBWC cannot apply for those options, but is committed to providing the required information to the local governments.
- USIBWC will continue to provide updates in Citizen Forum meetings and in local public outreach meetings. In 2010, USIBWC has held 4 Citizen Forum meetings and 3 local meetings in Mesilla, Canutillo, and Fort Hancock.
- USIBWC provides updated Recovery Act schedules at <http://www.ibwc.gov/Recovery/RGF.html>



# UPDATE ON LEVEE CONSTRUCTION PROJECTS

## *QUESTIONS?*



July 2010 – Canutillo Phase 1

October 2010 – Mesilla Phase 1

