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
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%
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%
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
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.
UPDATE ON LEVEE CONSTRUCTION PROJECTS

QUESTIONS?

October 2010 – Mesilla Phase 1

July 2010 – Canutillo Phase 1