

# Lower Rio Grande Flood Control Project

The seal of the International Boundary and Water Commission is circular. It features a stylized American flag on the right and a stylized Mexican flag on the left. A blue ribbon or banner curves across the center. The text "COMISION INTERNACIONAL DE LIMITES Y AGUAS" is written around the perimeter, and "BOUNDARY AND WATER COMMISSION" is written at the top.

Update on Levee  
Construction Projects

# Overview

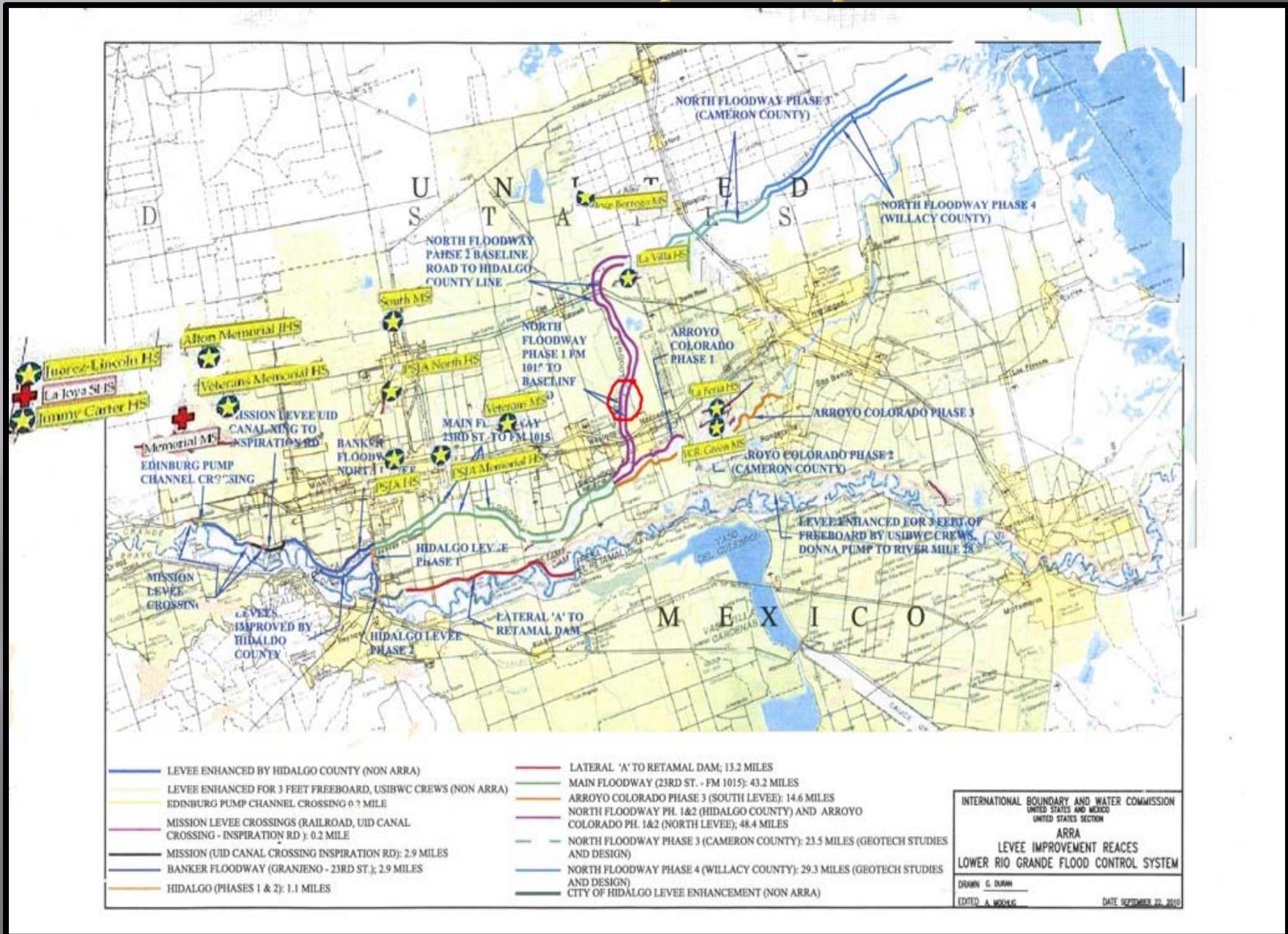
- ▣ Rehabilitation of Hidalgo Protective Levee
  - Phase I and II
- ▣ Edinburg Pump Levee Relocation & Channel Crossing
- ▣ Mission Levee Improvements
  - Bentsen Palm Dr.
  - United Irrigation Canal
  - Penitas Railroad Crossing

# Overview

- ▣ Rehabilitation of Main Floodway
- ▣ Rehabilitation of North Floodway
- ▣ Lateral A & Retamal Dike Reach Rehabilitation



# County Map



# FEMA Certification

- ▣ FEMA is updating flood insurance maps
- ▣ FEMA has sent notice to USIBWC to certify all levees in the Lower Rio Grande Valley
- ▣ Levees required to be certified and accredited as providing flood protection from the 1% chance storm (100-year flood)
- ▣ Certification does not guarantee homeowners reprieve from flood insurance.

# FEMA Certification

- ▣ Flood protection includes a minimum 3 feet of freeboard
- ▣ Flood protection must ensure structural integrity of levee.
- ▣ What happens after levee rehabilitation is complete?
  - USIBWC assembles levee certification package for submission to FEMA. At the time of submission, the USIBWC is certifying that the levee will provide the necessary flood protection. FEMA will review the package and may request additional information.

# FEMA Certification

- ▣ 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.

# Rehabilitation of Hidalgo Protective Levee Phase I and II

## PHASE I

- ▣ 11 Miles
  - Levee and Floodwall
  - 100% complete



## PHASE II

- ▣ .2 Miles
  - Floodwall
  - Sheet pilings @ Hidalgo Bridge
- ▣ Sunbelt Builders Inc.
- ▣ Contract Amount:
  - \$4.5 Million
- ▣ Notice to Proceed
  - Issued Dec. 1, 2009
- ▣ Anticipated Completion
  - February 2012
- ▣ 51% Complete

# Hidalgo Protective Levee Phase II



# Hidalgo Protective Levee Phase II



# Edinburg Pump Levee Relocation & Channel Crossing

- ▣ .2 Miles
  - New retaining wall
  - New intake channel crossing
- ▣ McAllen Construction
- ▣ Contract Amount:
  - \$5.2 Million Contract
- ▣ Notice to Proceed
  - July 21, 2010
- ▣ Anticipated Completion:
  - May 3, 2012
- ▣ 31% Complete



# Edinburg Pump Levee Relocation & Channel Crossing



# Edinburg Pump Levee Relocation & Channel Crossing



# Mission Levee Improvements

Bentsen Palm Drive  
United Irrigation  
Penitas Railroad Crossing



- ▣ Close Gaps
  - Bentsen Palm Drive
  - Penitas Railroad
  - Realign UIC Box Culvert
- ▣ Tamez-Pearson
- ▣ Contract Amount:
  - \$2.9 Million
- ▣ Notice to Proceed
  - October 6, 2010
- ▣ 100% Complete
  - September 1, 2011

# Mission Levee Improvements



# Mission Levee Improvements



# Rehabilitation of Main Floodway

- ▣ 42.3 Miles
- ▣ Longhorn Excavators Inc.
- ▣ Contract Amount:
  - \$23.6 Million
- ▣ Notice to Proceed
  - September 1, 2009
- ▣ Completion Date
  - March 2012
- ▣ 92.4% Complete



# Main Floodway



# Rehabilitation of North Floodway



- ▣ 48 Miles
- ▣ Ballenger Construction Company
- ▣ Contract Amount:
  - \$20.1 Million
- ▣ Notice to Proceed
  - December 10, 2009
- ▣ Completion Date
  - December 2011
- ▣ 68.5% Complete



# North Floodway



# Rehabilitation Lateral A and Retamal Dike Reach

- ▣ 13.5 Miles
- ▣ SBBI Inc
- ▣ Contract Amount:
  - \$21.2 Million
- ▣ Notice to Proceed
  - February 20, 2010
- ▣ Completion Date
  - December 2011
- ▣ 63% Complete



# Lateral A and Retamal Dike Reach



# Conclusion Questions?

- ▣ Questions?
- ▣ Concerns?
- ▣ Discussion

