INTERNATIONAL BOUNDARY AND WATER COMMISSION
UNITED STATES AND MEXICO

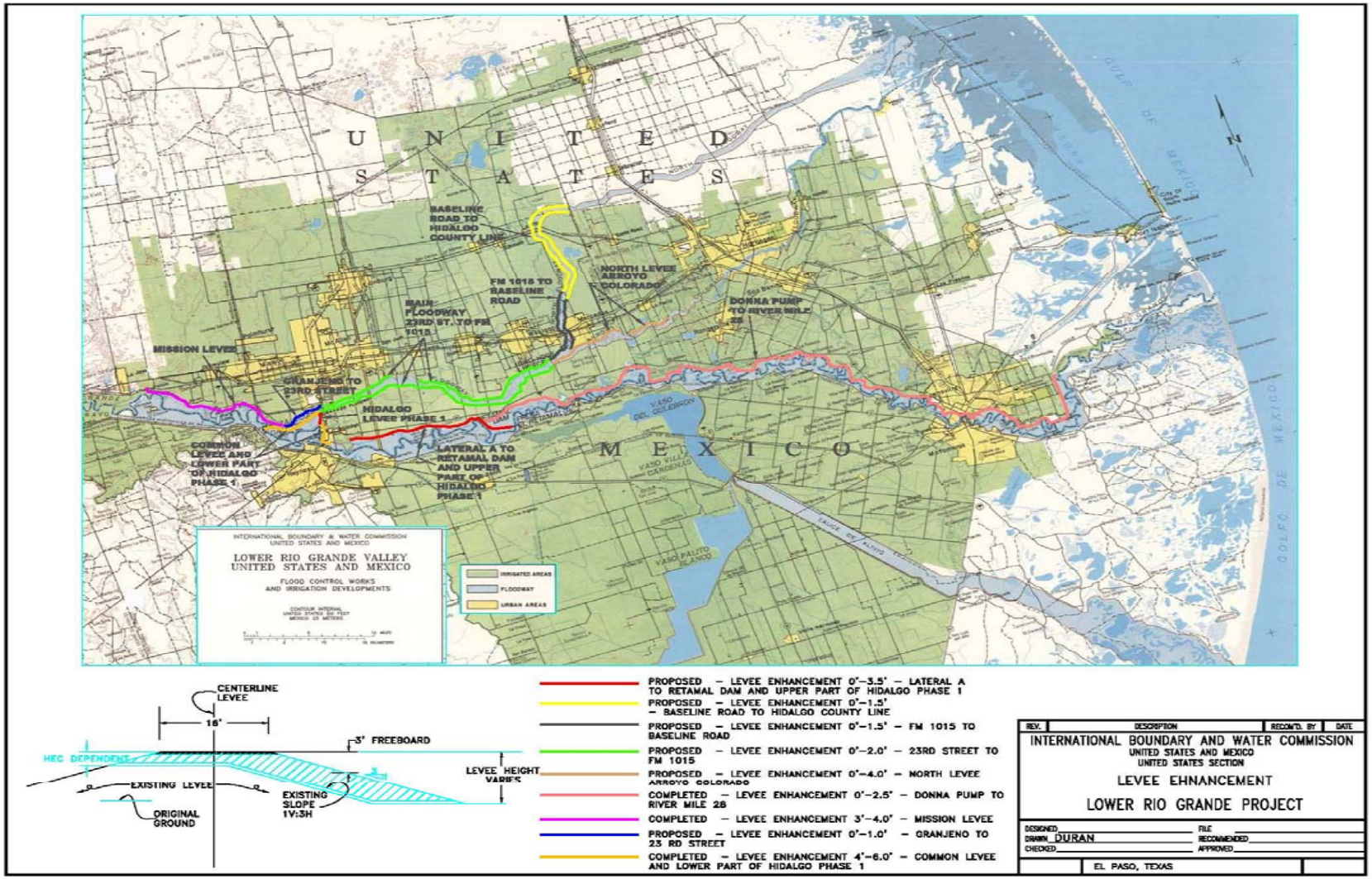
RECOVERY.GOV

Lower Rio Grande Flood Control Project
ARRA Levee Improvements
December 9, 2010

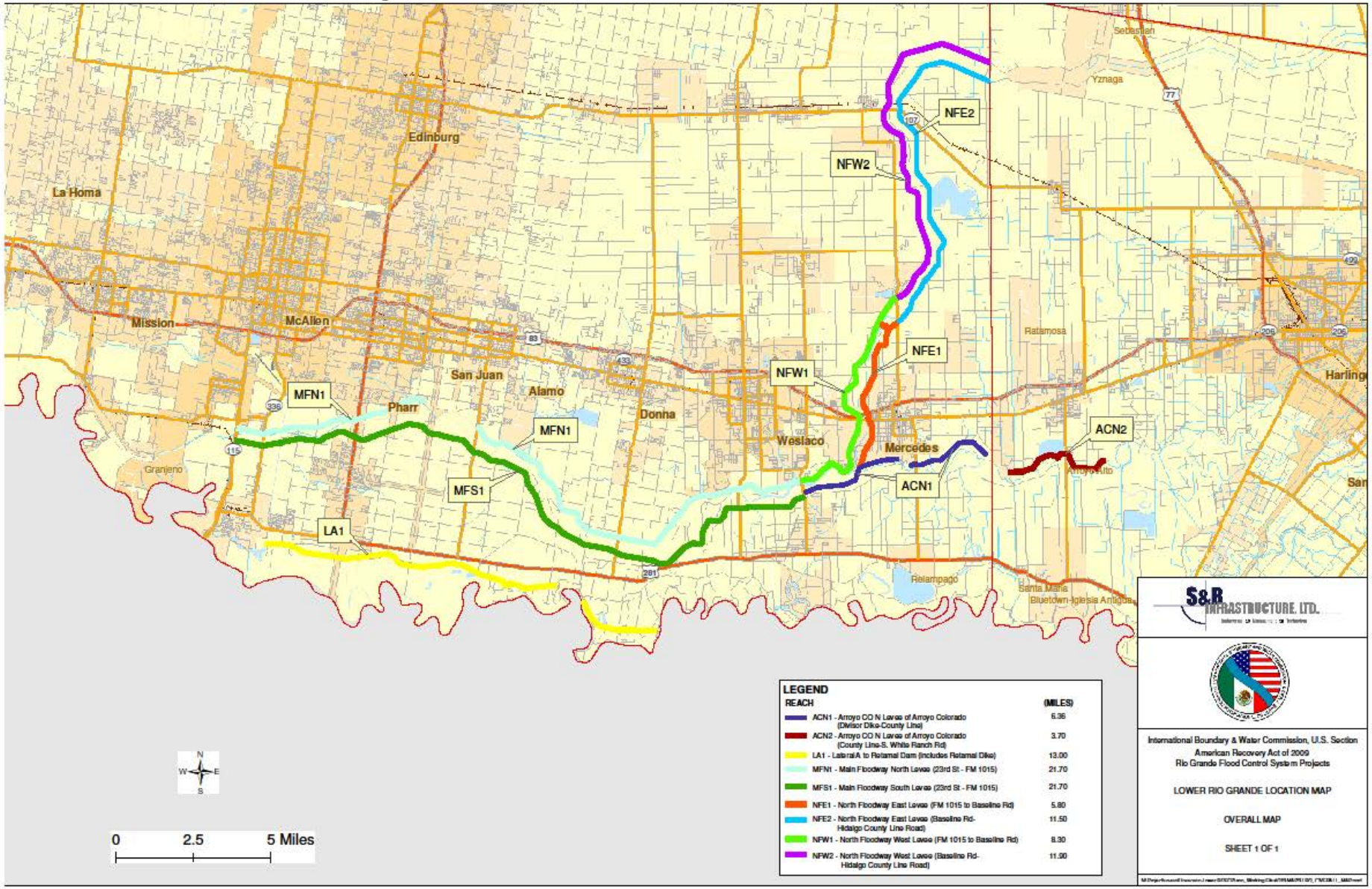
$120 Million Dollars for RGV ARAA PROJECTS

- $240 Million Dollars for USIBWC ARRA Projects

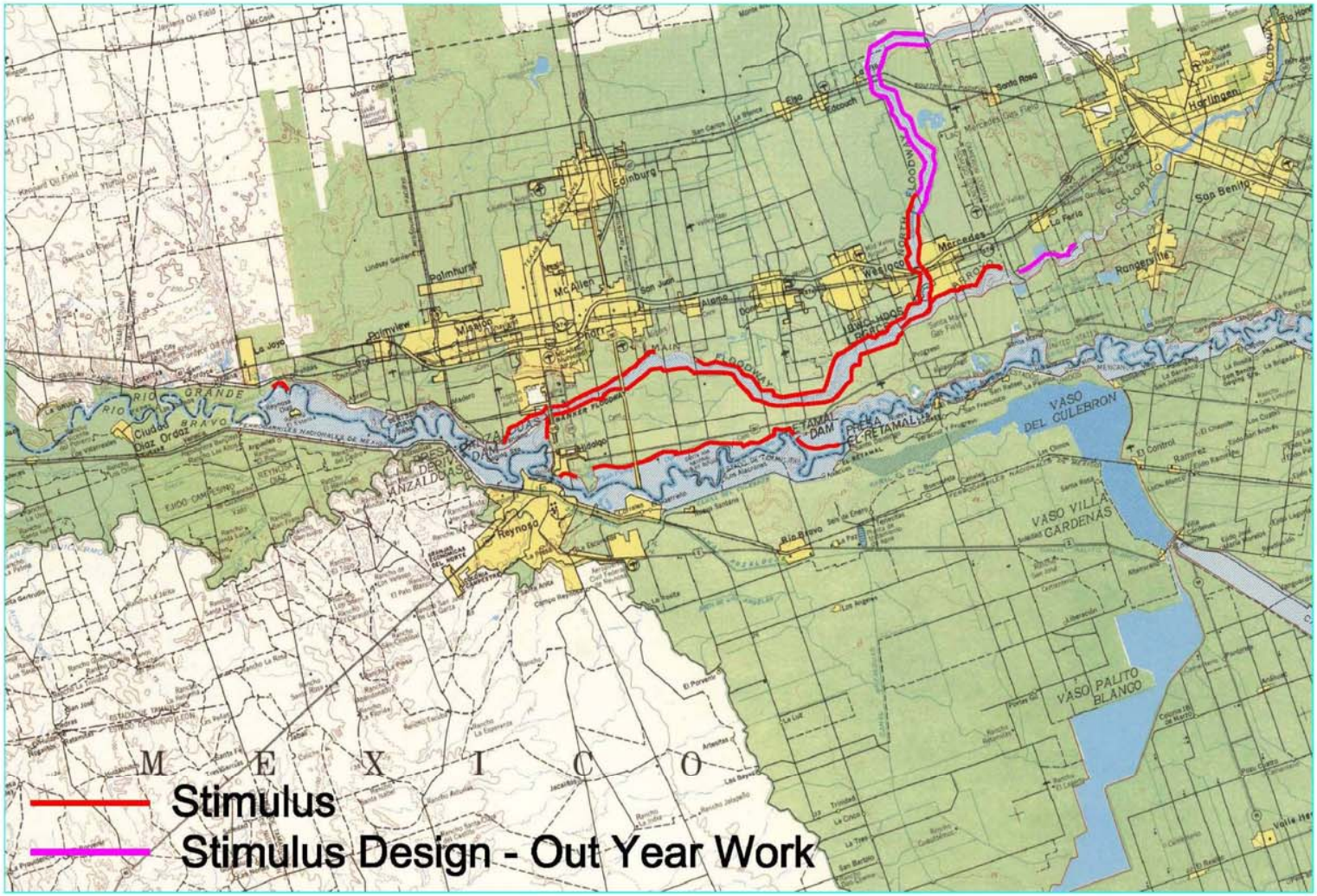
ARRA LEVEE PROJECTS OVERVIEW



ARRA Projects under construction: RGV



American Recovery and Reinvestment (ARRA) Act Projects



IBWC Emergency structure repair

Banker Weir before Alex

Banker Weir during Alex

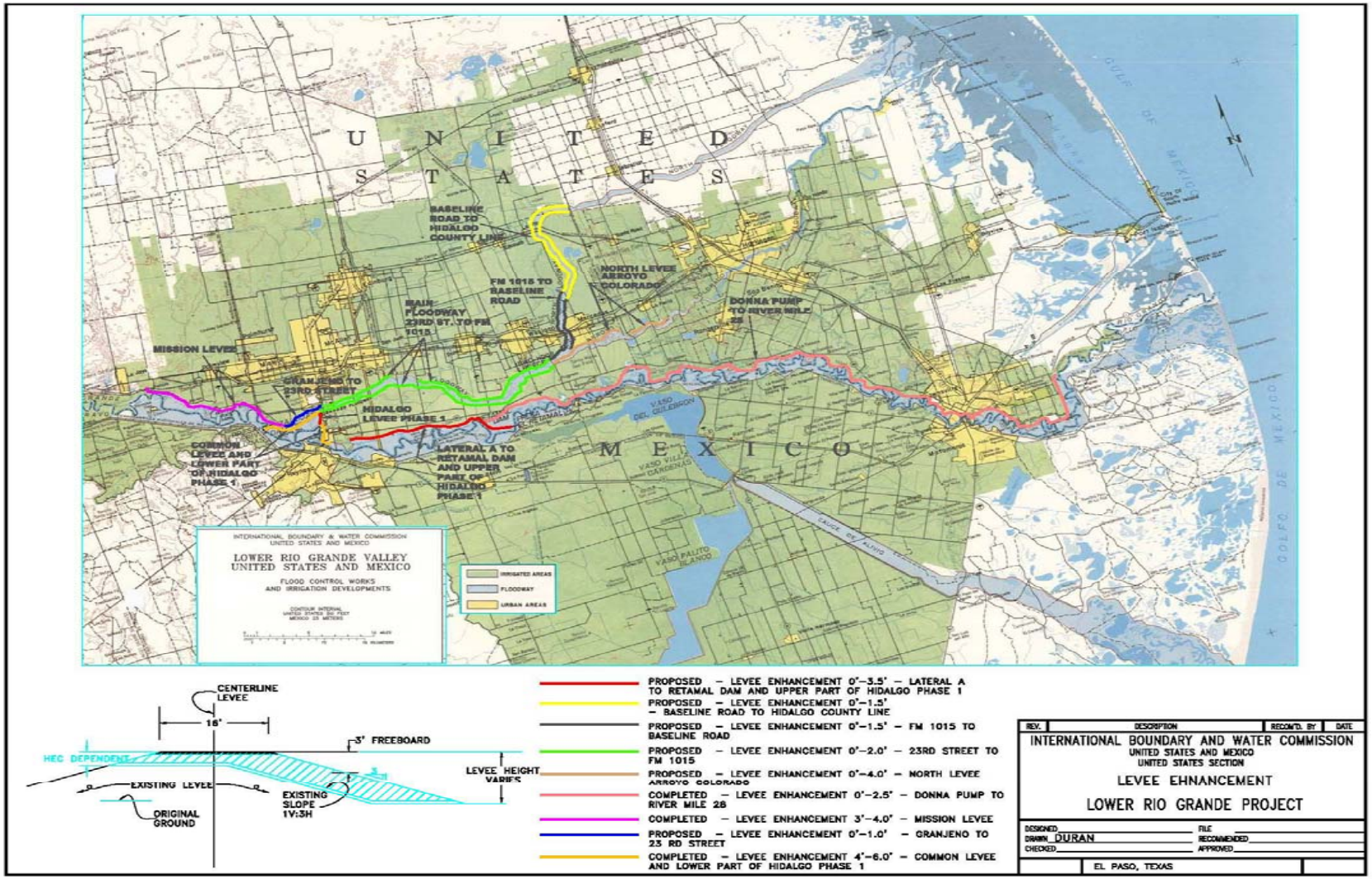
Banker Weir at height of Alex

Rio Grande bypass to Banker Weir

Anzalduas Dam during Alex

Rio Grande River @ Retamal Dam

ARRA LEVEE PROJECTS OVERVIEW



HWY 281 @ Main Floodway before Alex

FM88 During Alex

Hidalgo Bridge during Alex (West view)

Hidalgo Bridge during Alex (East view)

Residence in Weslaco in floodway

Llano Grande Golf Course

Las Penitas area – Seg O-4

FM 88 from MF North Levee

Edinburgh Pump House in danger

Pump House saved with ARRA dollars

Berm built around Pump House

Temporary berm @ Edinburgh Pump

Temporary berm being raised

Final elevation of 8’ to 10’

Donna Canal Saved with ARRA dollars

Embankment and gravel

Donna canal berm raised 3 feet

2,000 LF of gravel lining installed

Spreading gravel armour

Donna Canal lining complete (East Side)

Donna Canal lining complete (West Side)

Pumping into the Main Floodway

Riverside Club – Chimney Park

Riverside Club – Chimney Park

Pepe’s River Fiesta – Chimney Park

One ARRA Project Completed

“North Banker Floodway Levee”

(Bentsen Road to 23rd Street – North Levee only)

----------$1, 060,185 (3.0 miles)

- Contractor– Inuit Services, Inc. (Anchorage, AK)
- Project completed May 13, 2010

Surveyor at Main Floodway

Installation of Silt Fence

Embankment Mowing

Clearing and Grubbing

Topsoil Removal

Benching at Toe of Levee

Benching Next Step

Compaction in 6-Inch Lifts

Bulldozer With Disker

Embankment Material Placement

Bulldozer and Grader Leveling

Compaction of Each Lift

Dust Control and Compaction

Final Trim With GPS-Equipped Dozer

Final Trim Cut of South Levee at Jackson

Seven ARRA Projects Under Construction

1) “Lateral A” – (McColl Road to Retamal Dam)

----------$21,193, 231 (13.5 miles)

- Contractor-- SBBI General Contractors (Sonoita, AZ)
- Projected completion July-August 2011.
- Behind schedule 3 months due to Hurricane Alex flood event and environmental issues.

Seven ARRA Projects Under Construction

2) Main Floodway (23rd to 1015)

----------$19,893,240 (41.3 miles)

- Contractor -- Longhorn Excavators (Richmond, TX)
- Projected completion May-June 2011.
- Behind schedule 3 months due to Hurricane Alex flood event

Seven ARRA Projects Under Construction

3) North Floodway & Arroyo Colorado ----------$19,643,480 (48.0 miles)

- Contractor -- Ballinger Construction (Harlingen, TX)
- Projected completion June-July 2011.
- Behind schedule 5 months due to Hurricane Alex flood event, permitting issues and environmental issues.

Seven ARRA Projects Under Construction

4) “Hidalgo Loop Levee Phase 1 & 2”

(Phase 1 –Main Floodway (Common Levee) @ 23rd to N. end of DHS O-6A)
(Phase 2 -- S. end DHS O-6A under Hidalgo Bridge to N. End of DHS O-6B)

----------$7,481,841 (1.1 miles)

- Contractor-- SBBI General Contractors (Sonoita, AZ)
- Projected completion Sept-Oct 2011.
- Behind schedule 12 months due to redesign of floodwalls to include DHS bollards and Hurricane Alex.

Seven ARRA Projects Under Construction

5) “Edinburg Pump Levee Reach”

----------$5,189, 434 (0.20 miles)

- Contractor– McAllen Construction, Inc. (McAllen, TX)
- Projected completion Oct 2011.
- Behind schedule 3 months due to Hurricane Alex and continued ground water levels

Seven ARRA Projects Under Construction

6) "3-Gaps" a.k.a. "Bentsen Palm Drive, United Irrigation Canal and Penitas Railroad Crossing"

----------$2,769,269 (0.18 miles)

- Contractor– Tamez-Pearson, Inc. (Corpus Christi, TX)
- Projected completion June 2011.
- Behind schedule 17 days

Seven ARRA Projects Under Construction

7) "Two-Structures" a.k.a. "Arroyo Colorado South Levee Replacement and Construction of Structure No. 172 and No. 413"

----------$937,599

- Contractor– Guzman & Munoz Engineering. (Harlingen, TX)
- Projected completion June 2011.
- Behind schedule 21 days

Structure raising – Main Floodway

Four ARRA Projects Under Design

1. **Arroyo Colorado South Levee from FM 1015 to Palm Drive**

   $1,842,246 -- Design Completion date January 3, 2011.

2. **North Floodway N & S Levees from FM 1425 to King Ranch**

   $3,702,380 -- Design Completion date January 31, 2011.

3. **Mission Levee Downstrean of Untited Irrigation Canal Structure to Inspiration Road**

   $464,551 -- Design Completion date February 7, 2011

4. **Rio Grande Flood Control Project Levee from Donna Pump to Brownsville (River Levee – Rio Grande)**

   $1,178,046 -- Design Completion date TBD (to be determined)

Additional Information Available

- Information about contracting opportunities are available at: www.FedBizOpps.gov
- The USIBWC provides regular updates at: www.ibwc.gov/Recovery/RGF.html

INTERNATIONAL BOUNDARY AND WATER COMMISSION, UNITED STATES AND MEXICO
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