

**2006-2008 MAINTENANCE OF THE
RIO GRANDE CHANNEL
IN THE AREA OF EL PASO, TEXAS-CD. JUAREZ, CHIH.**

February 4, 2008



SEP 4 2006

RIO GRANDE: WORKS CARRIED OUT IN 2006-2007



- Repair of storm drain gates on the Mexican levee, located between American Dam and International Dam over a 2-mile (3.2 Km) reach.
- Clearing and cleanup of the Mexican berm in the same reach.

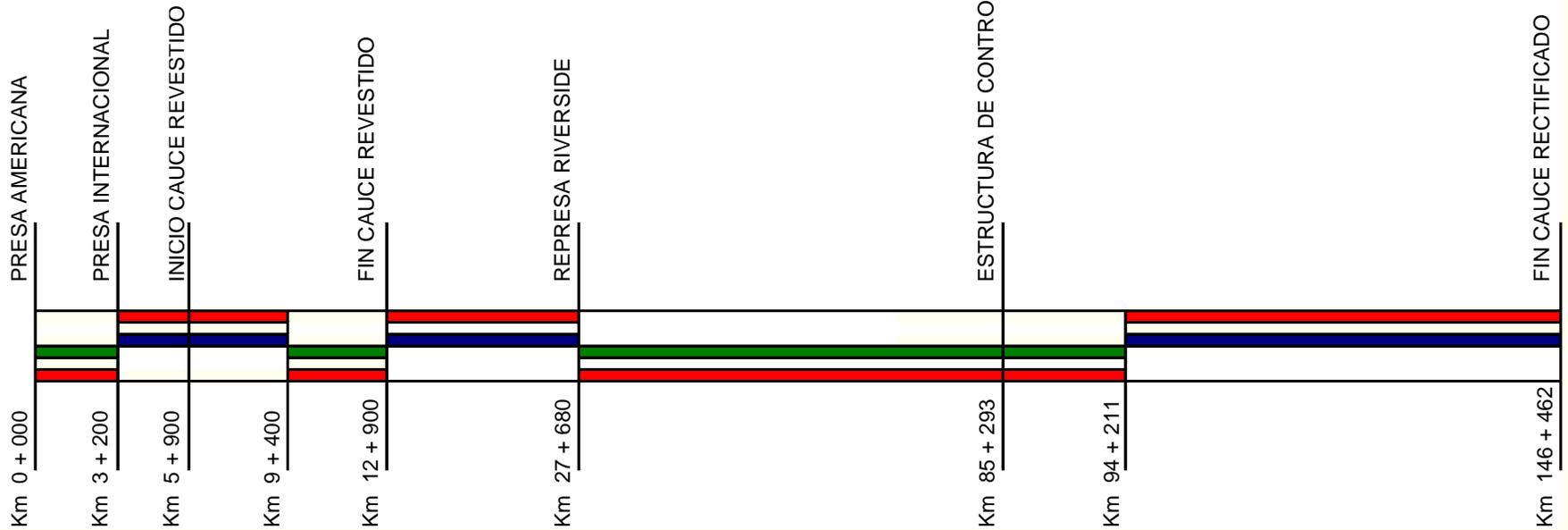
RIO GRANDE: WORKS CARRIED OUT IN 2006-2007



At the end of 2006, the Mexican Section carried out works in the Rio Grande to make an opening in the blockage formed by accumulated sediment in the 1.2 miles (2 Km) upstream, which would allow flood flows to pass through.

APPENDIX

UNITED STATES



Note: The Km markings are approximate and they were taken from the "EL PASO RIO GRANDE PROJECTS, Canalization and Rectification Projects" map.

GENERAL DIVISION OF WORK:

For: Mexico

REACH	LOCATION (Km Markers)	DISTANCE (Km)
American Dam to International Dam	0+000 to 3+200	3.200
A. López Mateos concrete lined channel	9+400 to 12+900	3.500
Riverside Dam to Km 94+211	27+680 to 94+211	66.531
Total		73.231

For: United States

REACH	LOCATION (Km Markers)	DISTANCE (Km)
International Dam to Km 9+400	9+400 to 3+200	6.200
End of lined channel to Riverside Dam	12+900 to 27+680	14.780
Km 94+211 to end rectified channel	94+211 to 146+462	52.251
Total		73.231

DIVISION OF WORK

International Boundary and Water Commission UNITED STATES AND MEXICO MEXICAN SECTION		
DIVISION OF MAINTENANCE WORK IN THE RIO GRANDE FROM THE POINT CLOSEST TO MONUMENT NO. 1 TO THE END OF THE RECTIFICATION REACH IN THE EL PASO-JUAREZ VALLEY		
1/1	CD. JUAREZ, CHIH	SEPT.2007

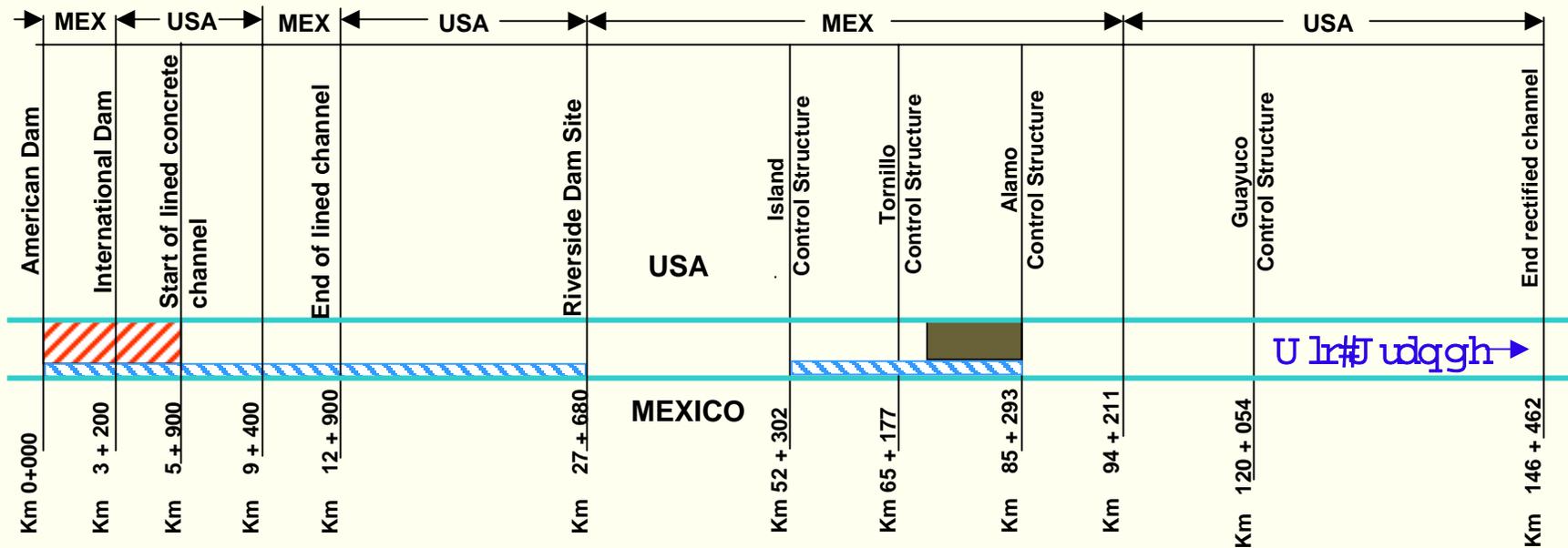
RIO GRANDE: WORKS CARRIED OUT IN 2006-2007, LINED CONCRETE CHANNEL



- Desilting work was carried out using a Mexican contractor with U.S. funds.
- The material removed in the process was deposited in Mexico.
- A total volume of 124,467 m³ (163,000 yd³) was removed from a 2.6-mile (4.2 Km) reach.



RIO GRANDE: WORKS CARRIED OUT IN 2007 (CONAGUA)



- Topographic survey and executive project to define the current hydraulic capacity of the river and determine the volume of silt to be removed. **3.7 miles (6 Km)**
- Topographic survey to locate and determine the grade of the Mexican levee for it to be reinforced. **28 miles (45 Km.)**
- Desilting the pilot channel and clearing of the Mexican berm for a **7.5-mile (12 Km)** reach, upstream of the Alamo grade control structure (**400,000 m³ sediment removed**)

RIO GRANDE: WORKS CARRIED OUT IN 2007



- Desilting the pilot channel and clearing of the Mexican berm, upstream of the Alamo grade control structure 7.5-mile (12 Km). 400,000 m³ sediment removed.

RIO GRANDE: WORKS CARRIED OUT IN 2007



- Clearing and cleanup of the Mexican berm in the reach located between American Dam and International Dam over a 2-mile (3.2 Km) reach.

RIO GRANDE: WORK SCHEDULED FOR 2008

Desilting of the pilot channel, cleaning and reinforcing the Mexican levee in the following reaches:

- American Dam – International (2 miles, 3.2 Km) Dam
- International Cordova-Bridge of the Americas – Riverside Dam Site (10.4 miles, 16.7 Km).

Evaluation of the volume of silt to be removed between International Dam and the start of the lined concrete channel. Proposal of options for total restoration of the channel in this reach.

Reinforcement of the protection levee from the Alamo Control Structure to the Island Control Structure (20.5 miles, 33 Km).