



CITY OF DALLAS TRINITY RIVER FLOOD CONTROL DISTRICT

HISTORY

The history of the Trinity River Valley, dating back to the first settlement, records the recurring flooding in Dallas County. As Dallas grew, the reduction of property damage and loss of life caused by these floods became essential. A levee system to control the flood prone Trinity River was completed in 1931. Even though the levees were in place with auxiliary pumping plants on line, there were no funds available during and immediately following the depression for the maintenance of the floodway or operation of the equipment and facilities used as an integral part of floodway management.

In the early 1950's, the U.S. Army Corps of Engineers made major improvements to the levees and drainage facilities. These improvements included enlargement of the levees, construction of larger pump stations and expansion of existing pressure sewer systems.

In 1968, the City of Dallas assumed responsibility for the operation and maintenance of the Trinity River Levee System within the City Limits from the Dallas County Flood Control District. The City operates and maintains the System under the regulatory control of the U.S. Army Corps of Engineers.

The City of Dallas has continued to make improvements to the Levee System by adding pumping stations, gravity sluice ways, and levees. The Levee System currently protects 10,000 acres of residential and highly developed commercial and industrial property which accounts for over \$12 billion in value.

FLOOD CONTROL SYSTEM

Trinity River Watershed at Dallas6,050 sq. MI.

Elm Fork Watershed3,366 SQ. MI.

West Fork Watershed.....2,684 SQ. MI.

Levees (avg. height - 28 FT.)..... 30 MI.

East Levee (Downtown Side) 11.5 MI.

West Levee (Oak Cliff side) 13.4 MI.

Rochester Levee 5.1 MI.

16 Pump Stations72 pumps – 4.27 BGD

Able (drainage area - 1,813 acres) 6 pumps - 325.4 MGD

Baker (drainage area - 3,418 acres) 15 pumps – 1900.8 MGD

Hampton (drainage area - 6,355 acres) 11 pumps - 876.2 MGD

Charlie (drainage area - 779 acres) 3 pumps - 123.8 MGD

Pavaho (drainage area - 1,843 acres) 7 pumps - 666.8 M MGD

Delta (drainage area - 815 acres) 3 pumps - 123.8 MGD

Rochester 4 pumps - 181.4 MGD

Cole Park 4 pumps - 152.6 MGD

8 Underpass Lift Stations 23 pumps - 68.5 MGD

6 Pressure Sewers 12,841 MGD / 19,868 CFS

Belleview 3,796.8 MGD

Dallas Branch 369.7 MGD

Woodall – Rogers 1,085.2 MGD

Turtle Creek 2,488.1 MGD

Lake Cliff 570.7 MGD

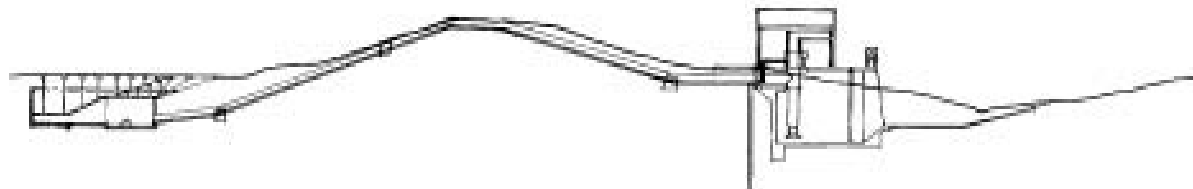
Coombs Creek 4,530.7 MGD

Creeks 118 MI.

Lined Channels 51 MI.

Detention/Retention Basins58 ACRES

Storm Sewer Pipe.....1800 MI.



- *For Additional Information*

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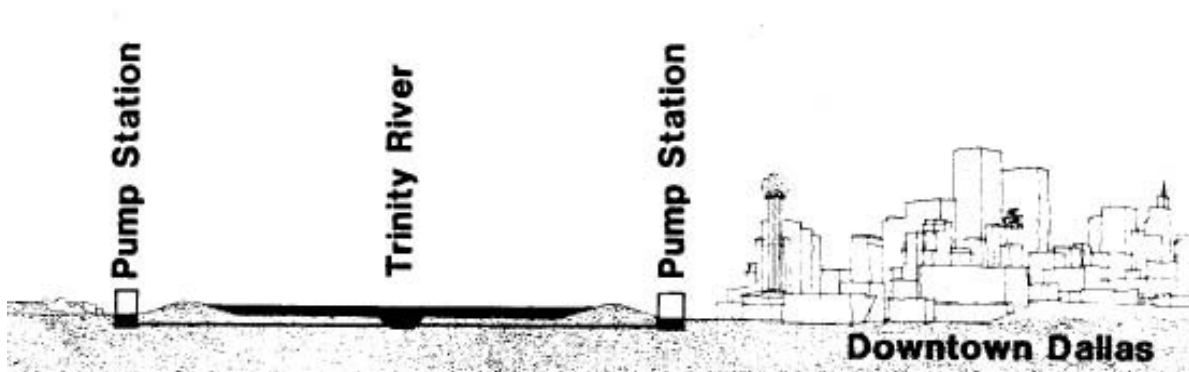


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