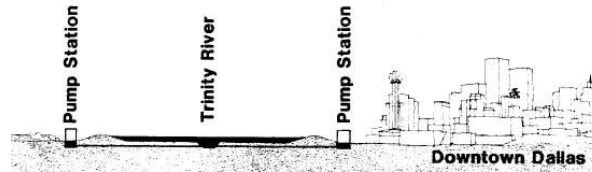


Pavaho Outside Tue Mar 27 2012 13:42:00



New Pavaho 2012



CITY OF DALLAS

TRINITY WATERSHED MANAGEMENT

FLOOD CONTROL DIVISION

**FOR REAL TIME WEATHER
INFORMATION,
VISIT OUR WEB PAGE:
<http://fc.dallascityhall.com>**



Flooded Roadway Warning System (FRWS)
Site

For Additional Information

FLOOD CONTROL DIVISION
Dhruv Pandya,
Assistant Director
Trinity Watershed Management
2255 IRVING BLVD.
DALLAS, TEXAS 75207-6201
214/671-0333- OFFICE



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 is valued over 12 billion dollars.



FLOOD CONTROL SYSTEM

Trinity River Watershed at Dallas 6,050 TOTAL SQ. MI.

Elm Fork Watershed.....	3,366 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.
MI. Rochester Levee.....	5.1 MI.

Total 59 pumps – 2.8 Billion Gallons Per Day



Able (drainage area - 1,813 acres)
6 pumps – 226,000 gpm



Baker (drainage area - 3,418 acres)
10 pumps – 614,000 gpm



Hampton (drainage area - 6,355 acres)
11 pumps – 608,500 gpm



Charlie (drainage area - 779 acres)
3 pumps – 86,000 gpm

gpm – gallons per minute
MGD – Million Gallons per Day



Pavaho (drainage area - 1,843 acres)
3 pumps – 82,000 gpm



Delta (drainage area - 815 acres)
3 pumps – 86,000 gpm



Rochester 4 pumps – 84,900 gpm

Cole Park

4 pumps – 100,000 gpm
8 Underpass Lift Stations
19 pumps - 43,100 gpm

6 Pressure Sewers.....	12,841 MGD
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 MG
Coombs Creek.....	4,530.7 MGD
Creeks.....	115 MI.
Lined Channels.....	48 MI.
Detention/Retention Basins.....	58 ACRES
Storm Sewer Pipe.....	1,800 MI.
Annual operating Budget.....	\$11.2 MIL
Authorized personnel.....	144