US Army Corps of Engineers ®

Balanced Vision Plan: Flood Risk Management

C ty of Dallas

THE TRINITY DALLAS

1990 Flood - Largest Flood Event Since 1908

CURRENT CONDITIONS

Current hydrologic and hydraulic models predict a higher SPF design water surface profile for the Dallas Floodway levees as compared to those modeled in 1958 due to a number of changes that have occurred. Some of these changes include:

- Watershed Development
- Land Use Changes
- Floodplain Encroachments
- Updated Design Methodology
- Improved Modeling Technology

PROPOSED LEVEE IMPROVEMENT ACTIONS

Proposed Dallas Floodway levee improvement plans continue to be developed and will be based on modifying the levees to reduce flood risk from the SPF storm event. Some possible levee improvement actions may include:

- Raising portions of the existing levees
- Reconstructing portions of the existing levees
- Widening the levees to produce flatter side slopes for greater slope stability
- Constructing floodgates or “closure structures” where existing facilities (e.g., bridges or railways) cannot be raised to meet the design height of the levee
- Constructing floodwalls where appropriate

For more information, please visit the project website at: www.dallasfloodwayprojecteis.com