

US Army Corps of Engineers®

Interior Drainage Plan



FLOODING RISK ANALYSIS

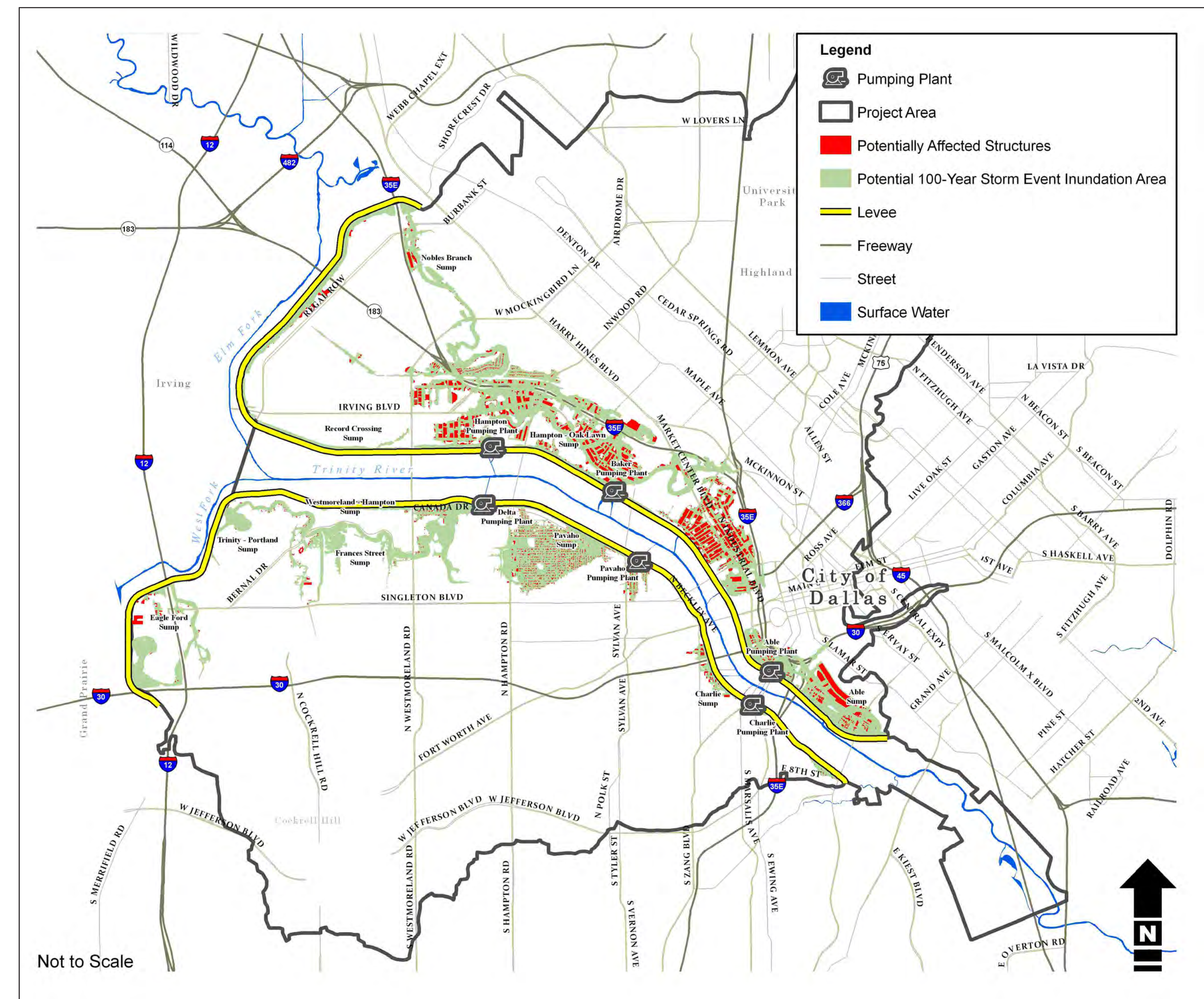
- ◆ The 100-year storm event corresponds to the estimated amount of rain that would fall within a 24-hour period that has a 1% chance of occurring in any given year in the project area.
- ◆ The design goal for risk management is the 100-year storm event, in compliance with City of Dallas ordinance.
- ◆ Design water levels correspond to 1960- and 1970-era conditions; however, the original design water levels no longer reflect current watershed conditions.
- ◆ Pumping plants can manage (i.e., move stormwater into the Dallas Floodway) stormwater levels up to their respective design capacity.
- ◆ When water levels exceed design capacity, the pumping plant is undersized and flooding could result.

FLOODING RISK SUMMARY

The total number of structures in the project area potentially affected by flooding from the 100-year storm event:

- ◆ East Levee 376 structures
- ◆ West Levee 1,268 structures
- ◆ Project Area 1,644 total structures

Structures are a mix of residential, non-residential, and unique (e.g., churches) properties.



Potentially Affected Structures in the Predicted Flood Zone

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