

Possible Improvement Alternatives

The hydraulic model will be utilized to evaluate improvement alternatives. Improvement alternatives that will be investigated will consist of:

- Enlarge main storm sewer systems to improve conveyance capacity
- Intermittent detention ponds to collect and reduce flows to the existing storm sewer system
- Flood control channels to capture sheet flow and convey it to Cypress Ditch and Brays Bayou
- Relief structures through IH 610 and the railroad track to better utilize Kilmarnock Ditch
- Oversized storm sewers, with supplemental pump stations, to increase conveyance and reduce peak water surface elevations by providing inline detention within the drainage system.
- Potential flood tunnels and associated siphons and pump stations, to move floodwaters to Brays Bayou