



CASE HISTORY

Owner: Harris County Woodedge Suvdivision

Engineer: Pete Davies, P.E.

Location: Woodedge Drive Houston, TX

Details: Harris County Flood Control was experiencing heavy inflow and infiltration from failing joints in their neighborhood storm sewer system. These concrete box culverts were misaligned and the original mastic was missing and creacking this problem. Large sink holes were developing above ground and were creating houses and businesses major concern of foundation collapse.

Rehabilitation Method: Seal joint with Reliner MSP structural cement liner and inject with hydrophilic chemical grout creating a 360° waterproof grout collar.



EXPOSED JOINT



SEALING JOINT



INJECTION



HYDROPHILLIC GROUT AT WORK