

CASE STUDY

Washed-Out Road Reopened with Fast **HP Storm Installation** Needville, TX

OWNER

Fort Bend County, Needville, TX

INSTALLATION DATE

June 2018

CONTRACTOR

Fort Bend County Road & Bridge, Needville, TX

PRODUCTS

40' (12 m) of 36" (900 mm) HP Storm

CHALLENGE

Corroding corrugated metal pipe (CMP) in a culvert caused a washout and sink hole in Routt Road's pavement. The road is a heavily-traveled rural road, so the repairs needed to be completed quickly to maintain traffic.

SOLUTION

Advanced Drainage Systems had a long working relationship with Fort Bend County Road and Bridge. ADS representatives had been discussing with Fort Bend County Road and Bridge the benefits of HP Storm polypropylene pipe. The culvert replacement provided an opportunity for Fort Bend to utilize the polypropylene pipe.

HP Storm offered the performance and durability needed for the replacement. Its corrosion resistance, long service life, and immediate availability made it an ideal solution. Thanks to its light weight and ease of handling, the installation was completed in just one day. Since this project, Fort Bend has continued to use HP Storm and keeps the pipe stocked in its yard.



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PRODUCT DESCRIPTIONS

HP Storm is a high-performance polypropylene pipe for gravity-flow storm drainage applications. HP Storm is the perfect choice with premium joint performance and increased pipe stiffness. HP Storm couples advanced polypropylene resin technology with a proven, dual-wall profile design for superior performance and durability. The smooth interior wall offers additional strength as well as superior flow. HP Storm has an extended bell that adds an additional factor of safety within each joint. This innovative product meets or exceeds typical standards for pipe stiffness and joint integrity and meets ASTM F2881 and AASHTO M330 for the respective diameters. HP Storm pipe is approved for use by the Army Corps of Engineers, FAA, and AREMA



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