

# City of Bonham, Texas Pig Branch Watershed Culvert Analysis Preliminary Engineering Report (PER)



The Pig Branch Culvert Analysis Study provided technical analysis and design improvement recommendations for thirteen (13) roadway crossings within the Pig Branch watershed. The Pig Branch watershed is a highly developed, urban watershed located in Fannin County, Bonham, Texas.

The information presented in the Preliminary Engineering Report provided the City of Bonham with conceptual improvement alternatives and design concepts, and supplied the City with the necessary updated drainage information to alleviate existing and potential flood damage for the analyzed crossings.

The project involved culvert assessments for all 13 crossings, field surveys, detailed hydrologic and hydraulic analysis of the watershed, and analyzed crossings, and development of improvement alternatives, opinion of probable construction costs, and crossing prioritization based on existing culvert condition, existing flood protection, OPCC, and proposed flood protection.

Services provided by Hayter Engineering are listed at right.

This project was completed in 2017.

## CLIENT

City of Bonham, Texas

## CONTACT

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## SERVICES PROVIDED:

Preliminary Engineering Report  
Hydrologic & Hydraulic Culvert Analysis