

**S.E. 15TH STREET HYDRAULIC STUDY
CITY OF EDMOND
EDMOND, OKLAHOMA**

***CONSTRUCTION COST: NA
COMPLETION: 2005***



As part of the 15th Street project for the City of Edmond, Poe & Associates performed a hydraulic study for a culvert extension on a tributary to Spring Creek. For this study, Poe obtained the City's HEC-2 model, modified the model to reflect the proposed conditions, and compared it to the existing model. With the City's "No Rise" policy pertaining to the water surface elevation, along with the budgetary constraints of the project, requiring that the culvert be extended rather than replaced made for quite a challenge. To resolve these difficulties, Poe & Associates extended the corrugated metal pipes with a smoother concrete pipe and designed an improved inlet.

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