



**Pickett, Kelm & Associates, Inc.**  
Consulting Structural Engineers

1552.doc



## Abbotsbury Drive Culvert at Twin Creeks

**PROJECT LOCATION:**  
CEDAR PARK, TEXAS

**PROJECT OWNER:**  
TWIN CREEKS HOLDINGS

**CIVIL ENGINEER:**  
RANDALL JONES

**GENERAL CONTRACTOR:**  
C.C. CARLTON

**COMPLETED:**  
2003

**CONSTRUCTION COST:**  
Not available



### **PROJECT DESCRIPTION:**

Pickett, Kelm & Associates, Inc. provided structural design for this two-lane vehicular stream crossing in the Twin Creeks subdivision in Cedar Park, Texas. The culvert has a deck width of 50 feet and consists of seven 10 foot wide by 9 foot high cast-in-place concrete barrels, placed at a 40 degree skew to the roadway. A 9-foot wide pedestrian sidewalk was provided on each side of the deck.

Cast-in-place concrete headwalls, ranging in height from 5 feet to 9 feet, and wingwalls up to 19 feet high, were designed to accommodate an optional masonry veneer. A standard C201 railing was selected. Concrete riprap was provided for slope protection, and cast-in-place concrete energy dissipators were provided at the downstream side.