



Pickett, Kelm & Associates, Inc.
Consulting Structural Engineers

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Rollingwood Bridge

PROJECT LOCATION:
AUSTIN, TEXAS

PROJECT OWNER:
ENDEAVOR

CIVIL ENGINEER:
BURY + PARTNERS

GENERAL CONTRACTOR:
CHASCO

PROJECT COMPLETION:
2007

CONSTRUCTION COST:
\$550,000



PROJECT DESCRIPTION:

Pickett, Kelm & Associates, Inc. provided structural design of this five-lane vehicular stream crossing in Austin, Texas. The bridge has a deck width of 76 feet and consists of a single 80 foot span. A landscaped center median and a five-foot wide pedestrian sidewalk were provided.

The superstructure consists of AASHTO type C prestressed concrete beams with a cast-in-place concrete deck and provisions for a future asphaltic overlay. The substructure consists of vertical abutment caps and backwalls, with abutments skewed 15 degrees to the roadway, supported on drilled shafts founded in limestone.



Standard concrete bridge railings were faced with stone veneer and topped with a decorative steel pedestrian rail. An arched stone veneer façade, supported by secondary steel framing, conceals the bridge superstructure. Curved mechanically stabilized earth wingwalls, with decorative stone facing, were provided at each corner of the bridge.