

Owner/Client:

Williamson County
3151 S.E. Inner Loop, Suite B
Georgetown, Texas 78626

Contact:

Joe England, P.E.
512.943.3336

Role:

Prime Consultant

Construction Cost:

\$2,250,000

Completion Date:

In Progress

Nature of the Work:

- + Roadway Design
- + Drainage Design
- + Hydrologic Modeling

Services Provided

Williamson County authorized K Friese & Associates, Inc. to perform the design of County Road 179. The existing 7,700 LF road consisted of approximately 22 feet of pavement with two lanes, no shoulders, extremely limited right-of-way, and an undersized culvert crossing of Brushy Creek. The improvement project included construction of an entirely new roadway along a slightly modified alignment in a widened right-of-way. The alignment of the new road was selected based on sensitive properties in the area that included a State of Texas recognized 100-Year Ranch. The new road is 40 feet wide, including 8-foot paved shoulders, and significant drainage improvements were made along the entire alignment. The existing low water crossing was replaced by a 160 foot bridge crossing of Brushy Creek. Intersections with Ronald Reagan Blvd. and County Road 175 were also part of the project. Additionally, as CR 179 lies within the Contributing Zone of the Edwards Aquifer, KFA prepared a Contributing Zone Plan, including a Storm Water Pollution Prevention Plan, and submitted it to the TCEQ for approval.

Construction phasing was an especially important aspect of the project, and was carefully planned to keep the road open as much as possible during construction. KFA also coordinated with Williamson County and utilities for the required utility relocations.

