

Copano Bay Bridge Attachment Rockport, Texas

CobbFendley provided engineering design services for the attachment of a joint AT&T/Cobridge Communications conduit to the proposed SH 35 Copano Bay Bridge. The design included over 11,000 linear feet of bridge attachment with stainless steel and fiberglass conduit hangers designed to withstand hurricane force winds and resist saltwater corrosion from a marine environment. In addition, CobbFendley engineers performed a value engineering analysis of the manufacturer's recommended hanger design, which resulted in **savings of over \$150,000 in material costs**. The engineered design included ad hoc solutions for the conduit hangers, on-bridge fiberglass pullboxes, and underground conduit to bridge attachment transitions. CobbFendley Telecommunication Specialists provided manhole mapping and utility location services providing details on the existing facilities.

Project Length:

Approximately 11,000 LF of bridge attachment.

Completion Date:

Design completed in July 2011. Project is currently under construction.

Construction Cost:

TBD

