The use of this standard is governed by the "Texas Engineering Practice Act." No warranty of any kind is made by TxDOT for any purpose whatsoever. TxDOT assumes no responsibility for the conversion of this standard to other formats or for incorrect results or damages resulting from its use.

Anchor bars

Clear

Riprap

1'-6" Min

SECTION A-A
(Showing installation of cross pipes.)

SECTION THROUGH INSTALLATION OF TYPICAL FULL CROSS PIPE
(Showing bolted anchor details.)

SECTION THROUGH INSTALLATION OF 3/4" FIRST CROSS PIPE

WITH ANCHOR BARS & RIPRAP

WITH BOLTED ANCHOR

SECTION B-B
(Showing installation of cross pipes.)

Anchors shall be provided and installed at the locations shown.

Reinforce upper edge of prefabricated end section with minimum 1/2" diameter smooth or deformed bar (pre-galvanized).

The proper installation of the first cross pipe is critical for vehicle safety. The top of the first cross pipe must be placed at no more than 6" above the flow line.

The third cross pipe from the bottom of the culvert must always be installed using a bolted connection. Ensure that disassembly of the bolted connection is allowed cleanout access.

Riprap quantities shown are for one end of one culvert only. For multiple culverts, quantities will need to be adjusted.