



**Note:**  
 Subgrade material below 6" gravel base must be of a compactible nature. All undesirable material must be removed and replaced by dry embankment material compacted as directed by the engineer. Cost of subgrade excavation to be considered subsidiary to cost of box culvert. Areas of concern fall within old channel both ends.

Approx. Elev. Top Of 60" City Of Dallas Water Main 608.5.  
 CONTRACTOR TO VERIFY DEPTH AT EAST R.O.W. LINE PRIOR TO START OF CULVERT CONSTRUCTION

**ESTIMATED QUANTITIES**

Class A Concrete (Box Culvert)	109.1 C.Y.
Reinf. (Box Culvert)	19,016.0 Lbs.
Gravel Base (6")	35.0 C.Y.
Class A Concrete (Wingwalls)	16.1 C.Y.
Reinf. (Wingwalls)	1,810.0 Lbs.

**GENERAL NOTES:**  
 For notes and details not shown see the following Texas Highway Department Standards:  
 Single Culverts - Normal SC-NA Direct Traffic to 10'-0" Fill Lengthening Details 30° Skew SCL 30°  
 Parallel Wings - Normal Single Box Culverts PW-N  
 Flared Wings - Normal Single Box Culverts FW-N

CITY OF ADDISON  
 DALLAS COUNTY, TEXAS  
**MIDWAY ROAD**

**9'x5' BOX CULVERT DETAIL**

GINN, INC.  
 Consulting Engineers - Dallas, Texas

Designed - C.F. Drawn - S.M.M. Date - MARCH, 1981  
 Approved - H.W.G. Checked - G.F. Scale - AS SHOWN Sheet 24 OF