

THERE ARE NO FOUNDATION BORING LOGS AVAILABLE FOR THE BOX CULVERT EXTENSIONS CONSTRUCTED AS APART OF THIS SECTION.

PRECAST CONCRETE BOX CULVERTS SHALL NOT BE ALLOWED FOR THESE BOX CULVERT EXTENSIONS.

ALL CONCRETE REQUIRED FOR THE CONSTRUCTION OF THE BOX CULVERT EXTENSIONS, HEADWALLS, WINGWALLS, AND TOEWALLS ARE INCLUDED IN THE QUANTITY FOR CONCRETE BOX CULVERTS.

THE COST OF ALL EXCAVATION REQUIRED FOR THE PLACEMENT OF THE BOX CULVERT EXTENSIONS, THE WINGWALLS, AND CUT-OFF WALLS SHALL BE INCLUDED IN THE COST OF THE UNIT PRICE FOR CONCRETE BOX CULVERTS AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED THE CONTRACTOR.

AT LEAST 6' - 0" OF THE BARREL SHALL BE POURED MONOLITHICALLY WITH THE WINGWALLS.

LAYOUT MAY BE VARIED IN THE FIELD TO SUIT EXISTING GROUND CONDITIONS AS DIRECTED BY THE ENGINEER.

THE CONCRETE BOX CULVERT EXTENSIONS SHALL HAVE A MINIMUM OF 3" OF CA-06 OR CA-07 PLACED UNDER THE CONCRETE. THE COST OF THE EXCAVATION AND CA-06 OR CA-07 SHALL BE INCLUDED IN THE UNIT PRICE OF CONCRETE BOX CULVERTS AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED THE CONTRACTOR.

REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF THE BDE SPECIAL PROVISION REINFORCEMENT BAR.

ALL EXPOSED EDGES SHALL BE BEVELED ¼"

ALL EXPANSION BOLTS ¾" SHALL BE EMBEDDED A MINIMUM OF 3 INCHES INTO THE EXISTING CONCRETE BOX CULVERT.

CONCRETE BOX CULVERT

STATION	OFFSET	QUANTITY
212+56	LEFT	8.1 CU YD
213+00	RIGHT	8.1 CU YD
251+22	LEFT	4.4 CU YD
251+22	RIGHT	4.4 CU YD
	TOTAL	25.0 CU YD

REINFORCEMENT BAR

STATION	OFFSET	QUANTITY
212+56	LEFT	1505 POUND
213+00	RIGHT	1505 POUND
251+22	LEFT	980 POUND
251+22	RIGHT	980 POUND
	TOTAL	4970 POUND

EXPANSION BOLTS ¾"

STATION	OFFSET	QUANTITY
212+56	LEFT	8 EACH
213+00	RIGHT	8 EACH
251+22	LEFT	6 EACH
251+22	RIGHT	6 EACH
	TOTAL	28 EACH

GENERAL CULVERT NOTES

SCALE	APPROVED BY	DRAWN BY
DATE	REVISED	
DRAWING NUMBER		