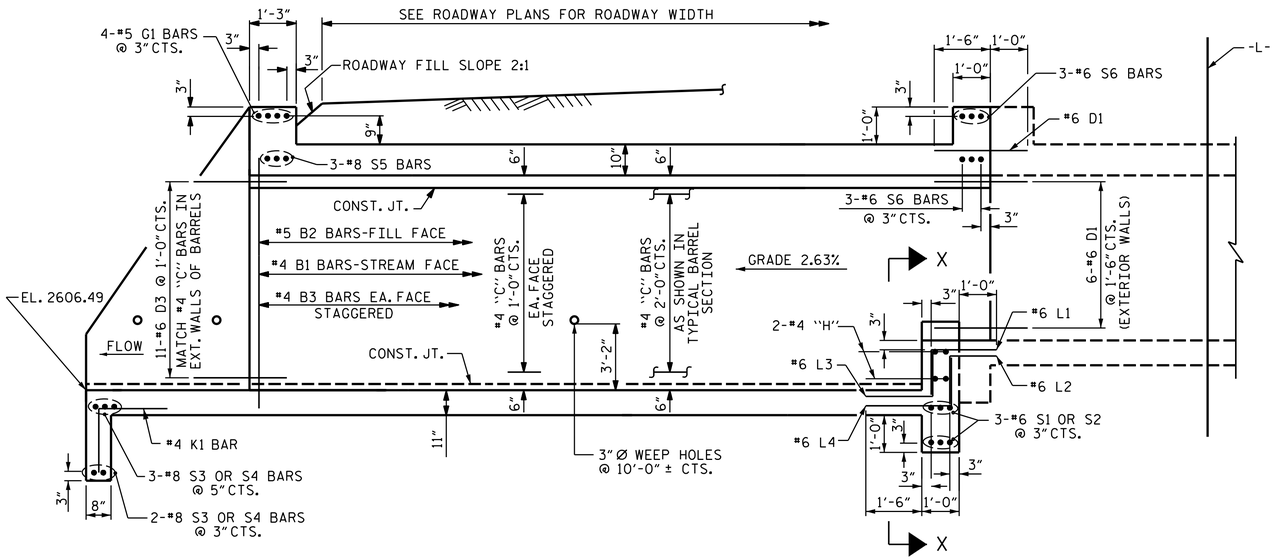
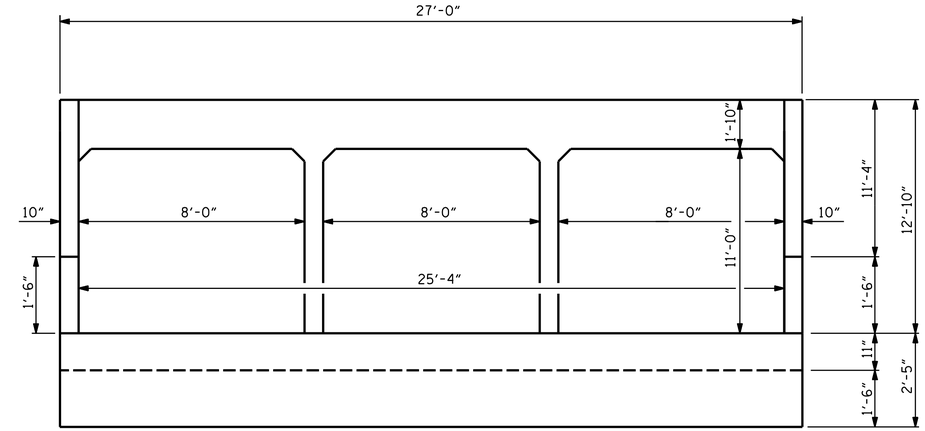
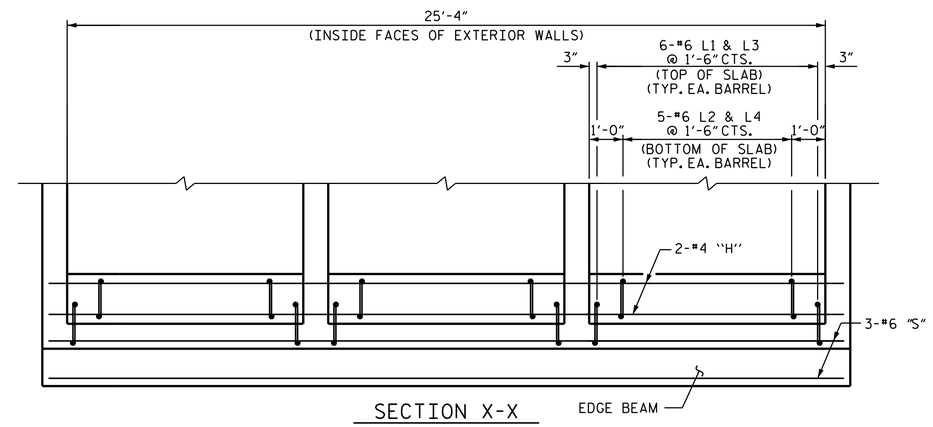


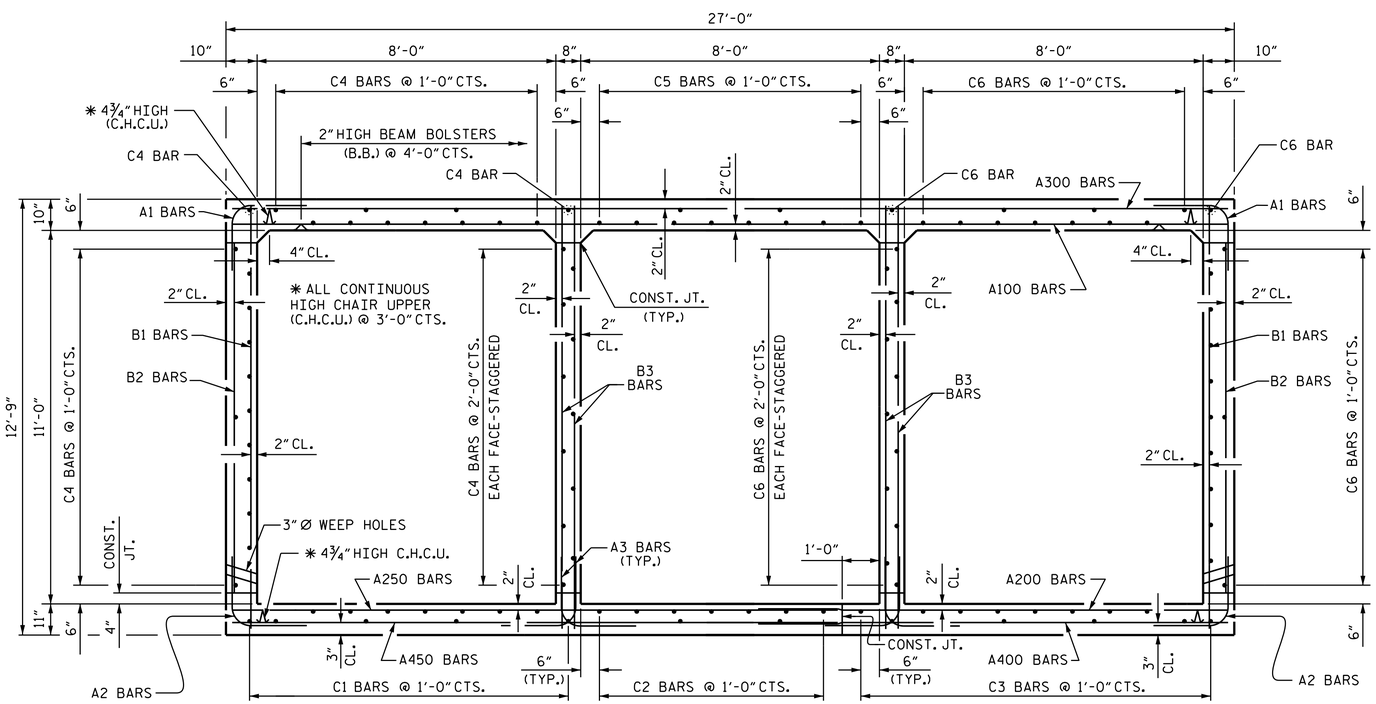
LEFT CULVERT EXTENSION SECTION NORMAL TO ROADWAY



OUTLET END ELEVATION NORMAL TO SKEW



SECTION X-X



RIGHT ANGLE SECTION OF BARREL

THERE ARE 114 C1 BARS IN SECTION OF BARREL (LOOKING UPSTREAM)

LEFT EXTENSION QUANTITIES

CLASS A CONCRETE				
BARREL @	2.985	CY/FT	41.8	C.Y.
WINGS, ETC.			41.5	C.Y.
WEIRS			13.2	C.Y.
BETWEEN WEIRS			22.2	C.Y.
TOTAL			118.7	C.Y.
REINFORCING STEEL				
BARREL & WEIRS			10,623	LBS.
WINGS, ETC.			1,359	LBS.
TOTAL			11,982	LBS.
FOUNDATION CONDITIONING MATERIAL			27	TONS
CULVERT EXCAVATION			LUMP	SUM

PROJECT NO. R-2519B
MITCHELL COUNTY
STATION: 319+76.16 -L-

SHEET 2 OF 13

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

TRIPLE 8 FT. X 11 FT. CONCRETE BOX CULVERT LEFT EXTENSION

NORTH CAROLINA PROFESSIONAL SEAL 20125 ENGINEER MARSHALL G. CHEEK, JR.

DocuSigned by: Marshall G. Cheek, Jr.
6549D0EBAA3B405...

8/27/2014

REVISIONS								SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:			C-42
1			3					TOTAL SHEETS
2			4					87

DRAWN BY :	M.A. LEBLANC	DATE :	8/13
CHECKED BY :	M.G. CHEEK	DATE :	10/13
DESIGN ENGINEER OF RECORD:	J.R. MCROY	DATE :	10/13

STR#10

STD. NO. CB332