

GENERAL INFORMATION:

Existing Structure: _____ Road Classification: _____
 New Structure: _____ New Structure Skew: _____
 Control Point/Benchmark: _____
 _____ Top of Berm/Bank EL.: _____

PERMITS & APPROVALS

Alberta Environment - Water Act: _____
 Fisheries and Oceans Canada (DFO) - Fisheries Act: _____
 Transport Canada - Navigable Water Protection Act: _____

HYDROTECHNICAL INFORMATION:

Design Discharge: _____ m³/s
 Design Channel Flow Depth: _____ m
 Design Channel Mean Velocity: _____ m/s

Typical Channel: Bedwidth (m) B: _____ m
 Topwidth (m) T: _____ m
 Bank Height (m) H: _____ m

Drainage Area (Gross): _____ km²
 Channel Slope: _____ m/m

Headwater EL.: _____ m
 Freeboard: _____ m

Tailwater EL.: _____ m
 Inlet Velocity: _____ m/s
 Outlet Velocity: _____ m/s

ESTIMATED QUANTITIES:


Excavation:	Existing Structure	_____ m ³
(Des. 2 Cl.40 or Des. 2 Cl. 25)	Structural	_____ m ³
(Des. 5 Cl. 80)	Channel	_____ m ³
Granular Backfill:	Pit Run or Crushed	_____ m ³
	Crushed Aggregate	_____ m ³
	Pit Run Gravel	_____ m ³
Non Granular Backfill:	Clay Seals	_____ m ³
	Embankment/Common	_____ m ³
Heavy Rock Riprap:	Class ____ Inlet & Outlet	_____ m ³
	Class ____	_____ m ³

INSTRUCTIONS:

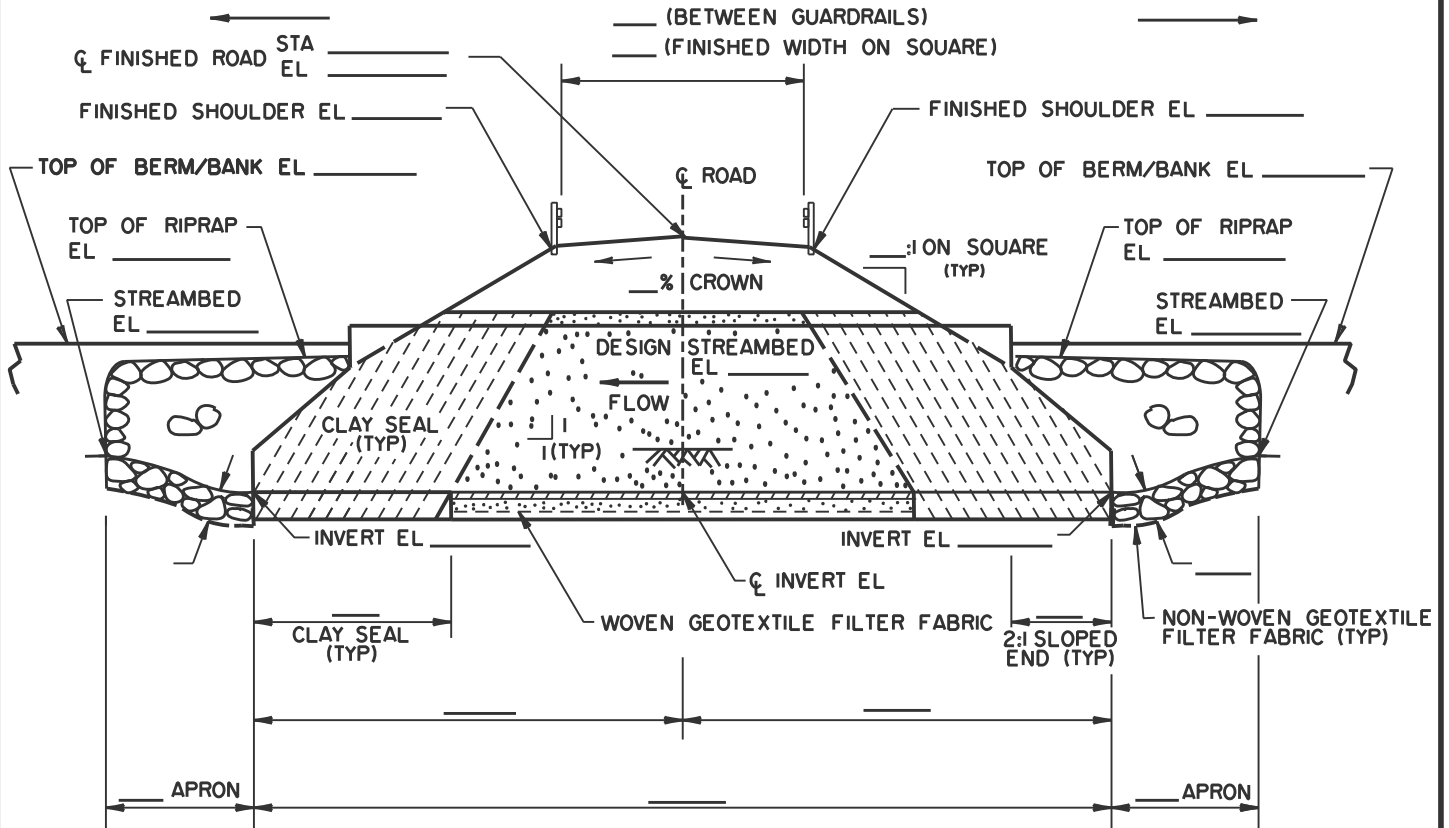
Installation shall be in accordance with the current version of Alberta Transportation Standard Drawing S-1418-03

All units in metres, unless otherwise noted.

Contract No: _____

DESIGNER	CHECKER			
		DATE	LOCATION	STR NO
		FILE	SHT NO OF	

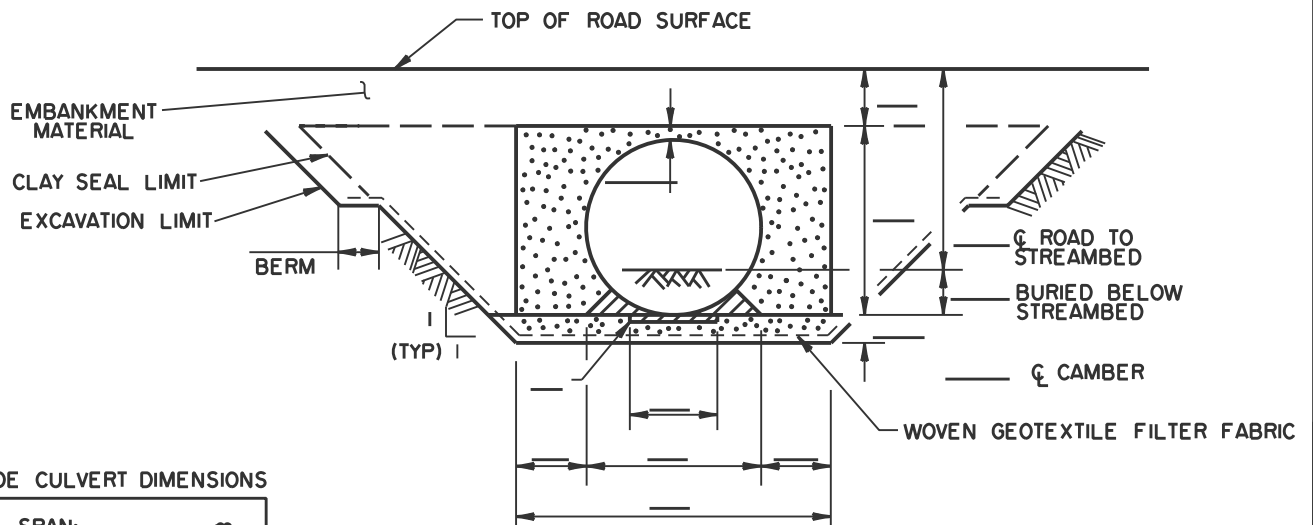
CULVERT INSTALLATION DETAILS



NEW STRUCTURE SKEW: _____

LONGITUDINAL CROSS SECTION

LOOKING _____ (NOT TO SCALE)



INSIDE CULVERT DIMENSIONS

SPAN:	_____	m
RISE:	_____	m
EQUIV DIA:	_____	m
TYPE:	_____	

BACKFILL DETAILS

(NOT TO SCALE)

_____ - CORRUGATED STEEL PIPE
 COATING: _____
 CORRUGATION PROFILE: _____
 PLATE THICKNESS: _____

STR NO	FILE	SHT NO
		OF