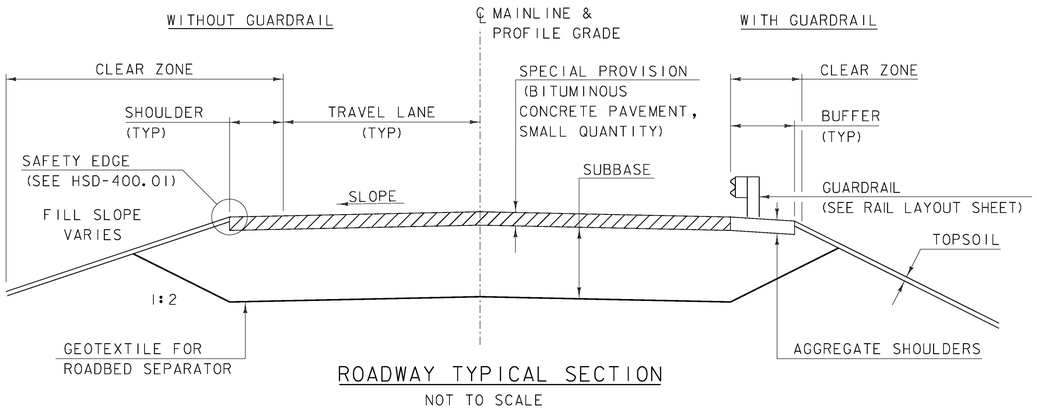


ROADWAY TYPICAL SECTION

NOT TO SCALE

ROAD TYPICAL INFORMATION

	LEFT		RIGHT	
	WIDTH	SLOPE	WIDTH	SLOPE
TRAVEL LANE	12'-0"	VARIES	12'-0"	VARIES
SHOULDER	4'-0"	VARIES	4'-0"	VARIES
BUFFER	3'-7"	-0.060	3'-7"	-0.060
FILL SLOPE		1:2.0		1:2.0
CLEAR ZONE (CUT)	12'-0"		12'-0"	
CLEAR ZONE (FILL)	16'-0"		16'-0"	
CLEAR ZONE (GUARDRAIL)	4'-0"		4'-0"	

MATERIAL TOLERANCES

(IF USED ON PROJECT)

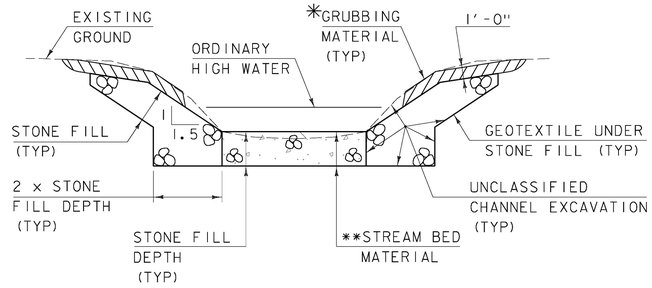
SURFACE	
- PAVEMENT (TOTAL THICKNESS)	+/- 1/4"
- AGGREGATE SURFACE COURSE	+/- 1/2"
SUBBASE	+/- 1"
SAND BORROWS	+/- 1"

MATERIAL INFORMATION

	THICKNESS	TYPE
WEARING COURSE	1½"	SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT, SMALL QUANTITY) (TYPE IVS)
BINDER COURSE	1½"	SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT, SMALL QUANTITY) (TYPE IVS)
BASE COURSE #2	N/A	N/A
BASE COURSE #1	3½"	SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT, SMALL QUANTITY) (TYPE IIS)
SUBBASE	36"	SUBBASE OF DENSE GRADED CRUSHED STONE
STONE FILL	4'-0"	STONE FILL, TYPE IV
TOPSOIL	4"	TOPSOIL
STREAM BED MATERIAL	3'-0"	SPECIAL PROVISION (E-STONE TYPE E3)

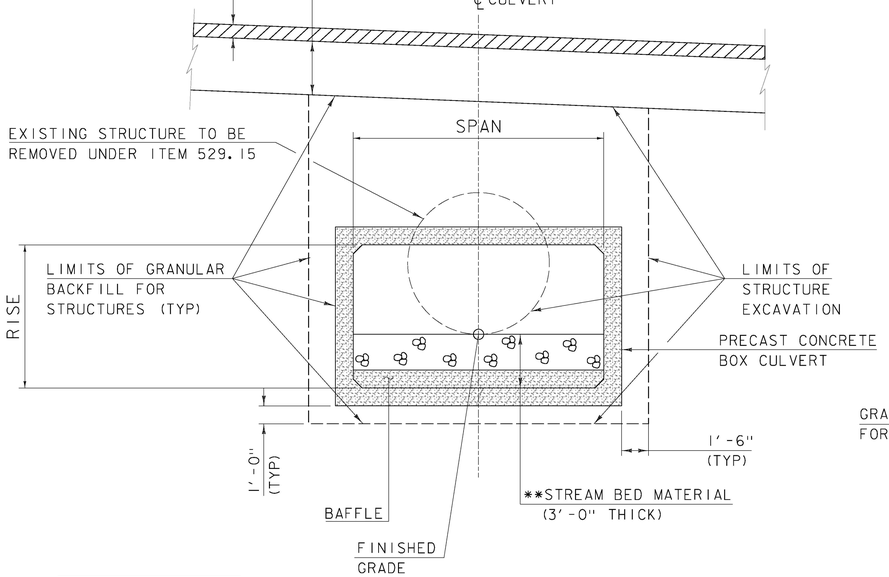
✳ WHENEVER CHANNEL SLOPE INTERSECTS ROADWAY SUBBASE, GRUBBING MATERIAL SHALL BEGIN AT THE BOTTOM OF SUBBASE.

✳✳ THE CONTRACTOR SHALL CREATE A LOW FLOW CHANNEL IN THE STREAM BED MATERIAL AS DIRECTED BY THE RESIDENT ENGINEER.



CHANNEL TYPICAL SECTION

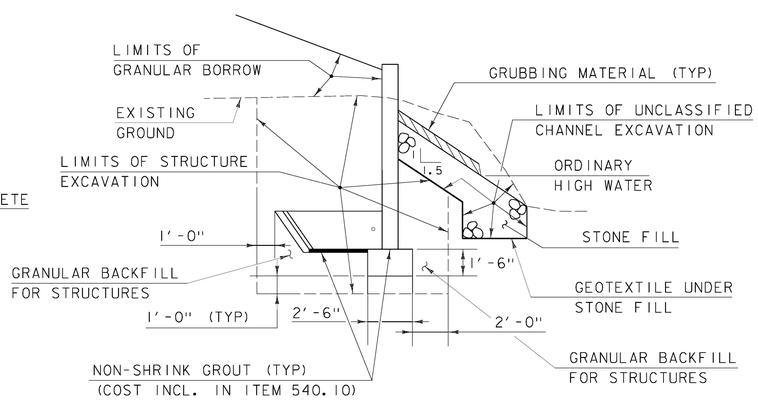
NOT TO SCALE



SPAN	16'-0"
RISE	8'-0"
LENGTH	122'-0"

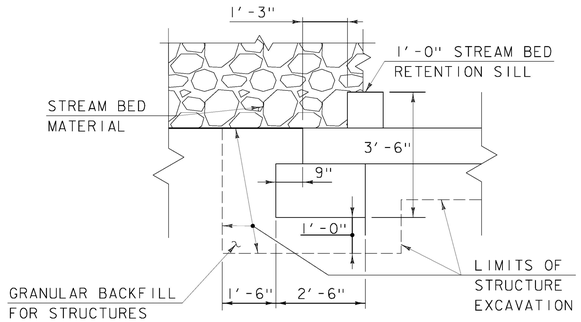
CULVERT TYPICAL SECTION

NOT TO SCALE



WINGWALL EARTHWORK TYPICAL SECTION

NOT TO SCALE



CUTOFF WALL TYPICAL SECTION

NOT TO SCALE

NOTE:
BOTTOM OF WINGWALL SHALL BE AT SAME ELEVATION AS BOTTOM OF BOX CULVERT.

GM2 ASSOCIATES

PROJECT NAME: WATERFORD
PROJECT NUMBER: BF 0225(5)

FILE NAME: z15b051typical.dgn
PROJECT LEADER: T. LEVINS
DESIGNED BY: B. WILLIAMS / J. MERCER
TYPICAL SECTIONS

PLOT DATE: 09/27/2017
DRAWN BY: B. WILLIAMS
CHECKED BY: T. LEVINS
SHEET 37 OF 63