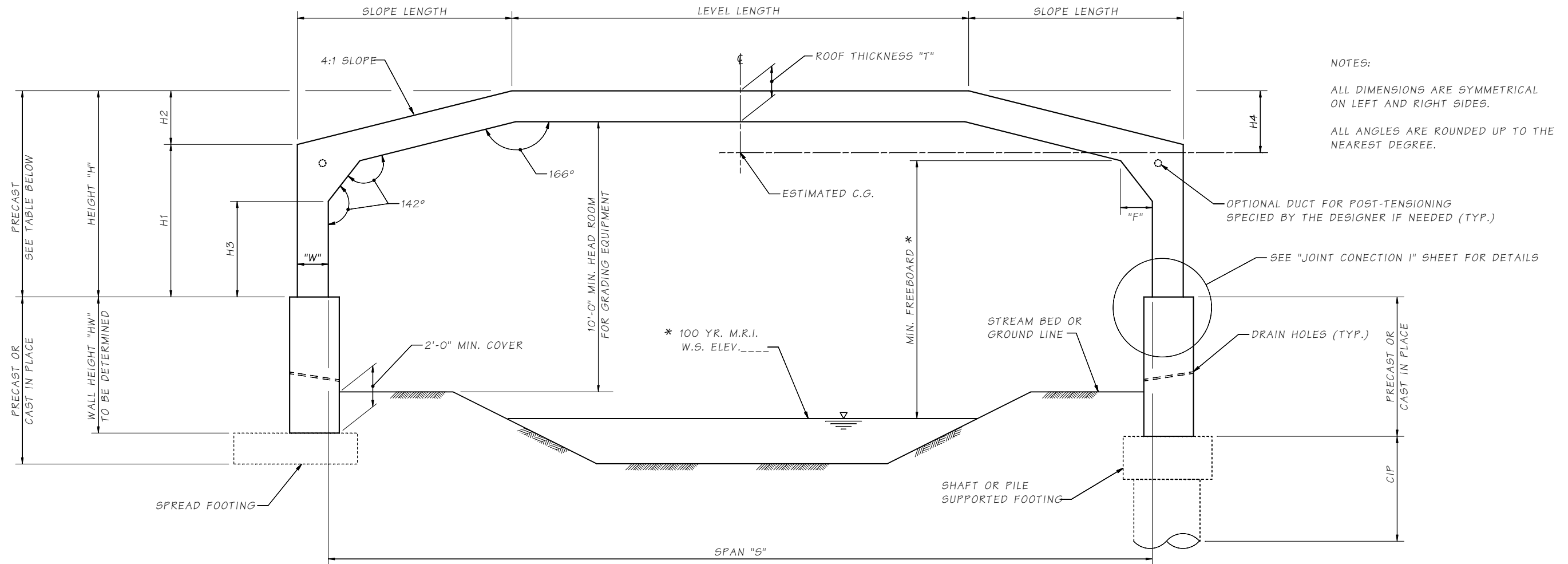


LAST REVISED: 11/29/16

SHEET

JOB NO.



NOTES:
 ALL DIMENSIONS ARE SYMMETRICAL ON LEFT AND RIGHT SIDES.
 ALL ANGLES ARE ROUNDED UP TO THE NEAREST DEGREE.

TYPICAL 3-SIDED SECTION WITH WALL FOOTINGS

* AS DETERMINED BY HYDRAULIC ENGINEER

PRECAST CULVERT GEOMETRY TABLE

SERIES	TYPES	CASES	SPAN "S"	HEIGHT "H"	WALL HEIGHTS			LEVEL LENGTH	SLOPE LENGTH(2)	ROOF THICK. "T"	WALL THICK. "W"	FILLET "F"	SEGMENT LENGTH (4)	SEGMENT WEIGHT (4) KIPS	C.G. (4) H4	NOTES
					H1	H2	H3									
"SB20"	SPLIT BOX (1)	FLAT TOP	20'-0"	10'-0"(3)	-	-	-	22'-4"	-	1'-2"	1'-2"	1'-6"	5'-0" TO 8'-0"	39 - 63	2.83'	(1) SPLIT BOX CONSISTS OF TWO "FC20" OR TWO "FC25" (2) EACH SIDE (3) 4'-0" MIN. HEIGHT (4) FOR INFORMATION ONLY, NOT USED FOR DESIGN OR FABRICATION
"SB25"	SPLIT BOX (1)	FLAT TOP	25'-0"	10'-0"(3)	-	-	-	27'-4"	-	1'-4"	1'-4"	1'-9"	5'-0" TO 7'-6"	47 - 71	2.55'	
"FC20"	3-SIDED	FLAT TOP	20'-0"	10'-0"(3)	-	-	-	22'-4"	-	1'-2"	1'-2"	1'-6"	5'-0" TO 8'-0"	39 - 63	2.83'	
"FC25"	3-SIDED	FLAT TOP	25'-0"	10'-0"(3)	-	-	-	27'-4"	-	1'-4"	1'-4"	1'-9"	5'-0" TO 7'-6"	47 - 71	2.55'	
"FC30"	3-SIDED	FIXED SLOPE LENGTH	30'-0"	10'-0"	7'-4 3/4"	2'-7 1/4"	4'-1 1/4"	12'-4"	10'-5"	1'-7"	1'-7"	2'-0"	5'-0" TO 6'-0"	50 - 60	2.71'	
"FC35"	3-SIDED	FIXED SLOPE LENGTH	35'-0"	10'-0"	7'-4 3/4"	2'-7 1/4"	4'-1 1/4"	17'-4"	10'-5"	1'-7"	1'-7"	2'-0"	5'-0" TO 5'-6"	60 - 66	2.71'	
"FC40"	3-SIDED	FIXED SLOPE LENGTH	40'-0"	10'-0"	7'-4 3/4"	2'-7 1/4"	4'-1 1/4"	22'-4"	10'-5"	1'-7"	1'-7"	2'-0"	5'-0"	69	2.71'	
"VC45"	3-SIDED	VARIED SLOPE LENGTH	45'-0"	10'-0"	6'-8 3/4"	3'-3 1/4"	2'-10 1/4"	22'-2"	13'-1"	1'-8"	1'-8"	2'-6"	4'-6"	68	2.88'	
"VC50"	3-SIDED	VARIED SLOPE LENGTH	50'-0"	10'-0"	6'-1"	3'-11"	2'-2 3/4"	22'-2"	15'-8"	1'-8"	1'-9"	2'-6"	4'-0"	68	3.25'	
"VC55"	3-SIDED	VARIED SLOPE LENGTH	55'-0"	10'-0"	5'-5 1/4"	4'-0 3/4"	1'-0"	22'-2"	18'-3"	1'-9"	1'-10"	3'-0"	4'-0"	72	3.50'	
"VC60"	3-SIDED	VARIED SLOPE LENGTH	60'-0"	10'-0"	4'-9 1/4"	5'-2 3/4"	4 1/2"	22'-2"	20'-11"	1'-9"	2'-0"	3'-0"	3'-6"	66	3.25'	

Bridge Design Engr.	M:\STANDARDS\Buried Structures\3-SIDED PRECAST CULVERT\8.3.2-A2 TYP SEC AND GEOMETRY TABLE.MAN									
Supervisor				REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS		
Designed By				10	WASH.					
Checked By				JOB NUMBER						
Detailed By										
Bridge Projects Engr.										
Prelim. Plan By										
Architect/Specialist	DATE	REVISION	BY	APPD						

BRIDGE AND STRUCTURES OFFICE



3-SIDED PRECAST CULVERT TYPICAL SECTION AND GEOMETRY TABLE

BRIDGE SHEET NO.
SHEET
OF
SHEETS

8.3.2-A2