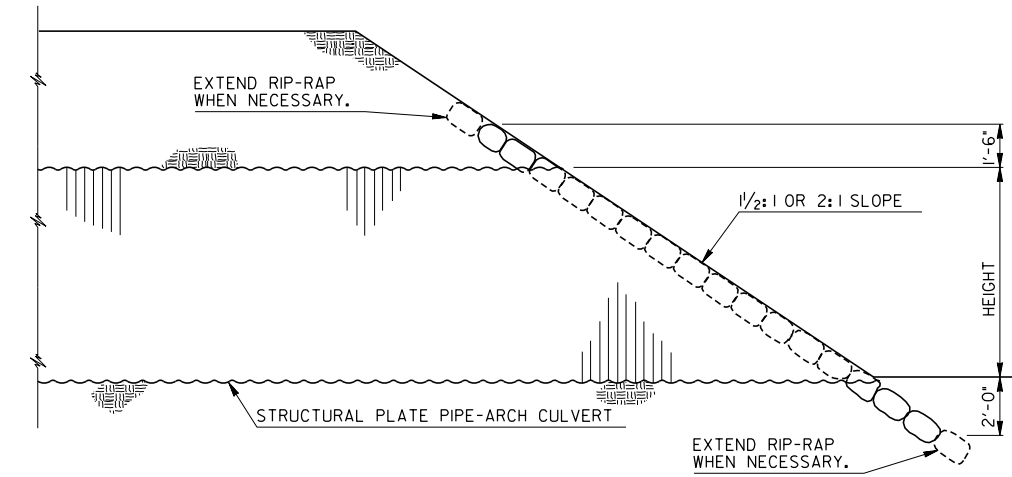
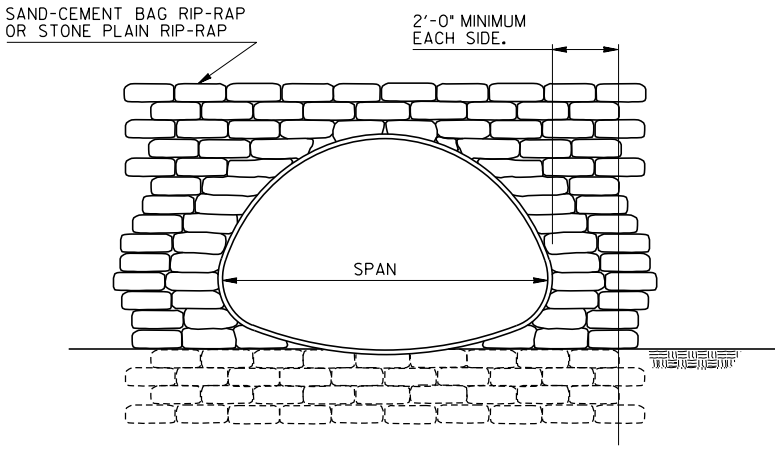


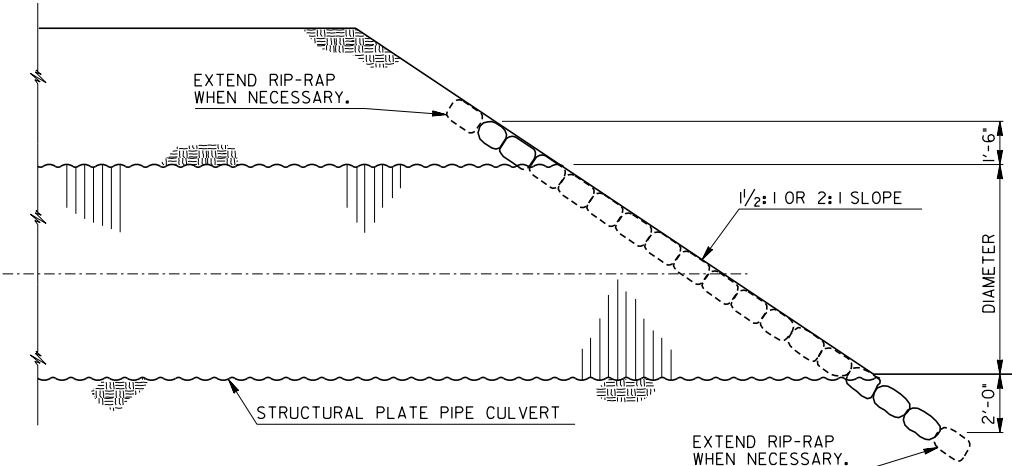


SECTION ON ϕ

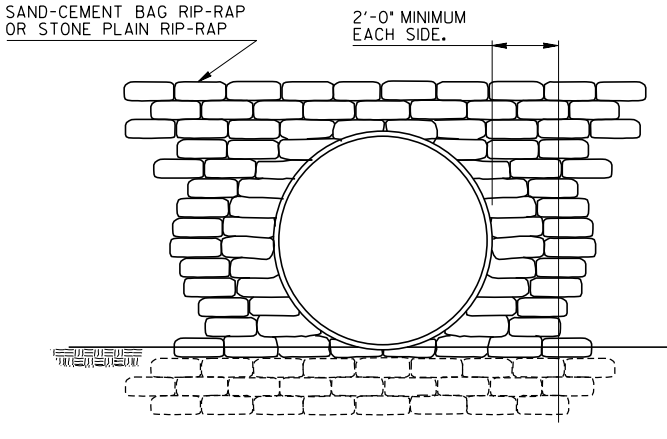


ELEVATION

BEVELED END STRUCTURAL PLATE PIPE-ARCH



SECTION ON ϕ

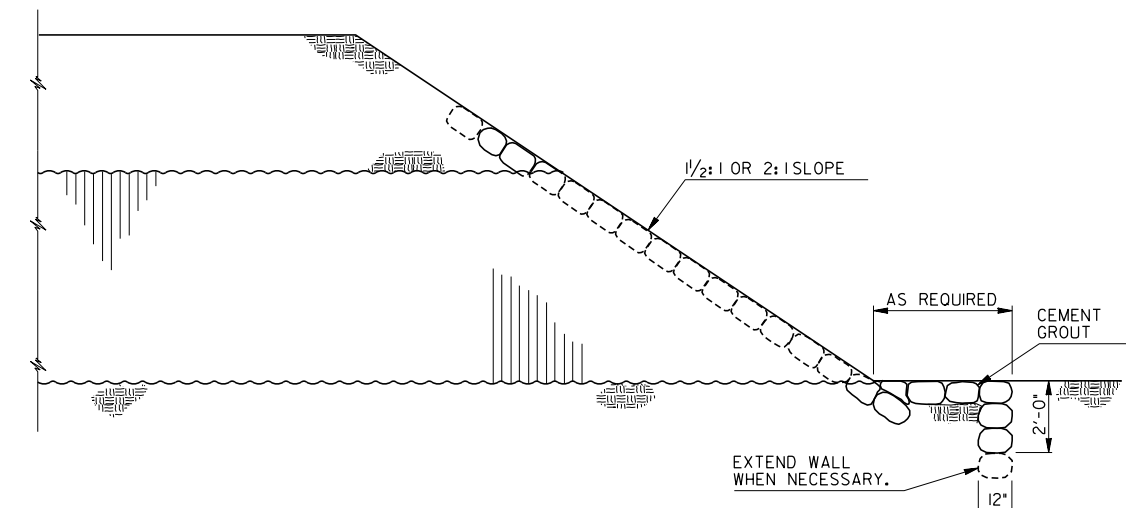


ELEVATION

BEVELED END STRUCTURAL PLATE PIPE

STRUCTURAL PLATE PIPE		
DIA. INCHES	RIP-RAP QUANTITY ONE END SQ.-YDS.	
	1 1/2 : 1	2 : 1
72	13.4	16.6
78	14.4	17.9
84	15.5	19.3
90	16.5	20.5
96	17.6	21.9
102	18.6	23.1
108	19.7	24.5
114	20.9	26.0
120	22.0	27.3
126	23.2	28.8
132	24.5	30.4
138	25.7	31.9
144	27.0	33.5
150	28.2	35.0
156	29.6	36.6
162	31.0	38.4
168	32.3	40.0
174	33.7	41.7
180	35.0	43.4

STRUCTURAL PLATE PIPE - ARCH			
SPAN FT.-IN.	HEIGHT FT.-IN.	RIP-RAP QUANTITY ONE END SQ.-YDS.	
		1 1/2 : 1	2 : 1
6-1	4-7	11.9	14.8
6-4	4-9	12.3	15.2
6-9	4-11	12.9	16.0
7-0	5-1	13.3	16.5
7-3	5-3	13.5	16.8
7-8	5-5	14.2	17.7
7-11	5-7	14.7	18.2
8-2	5-9	14.9	18.5
8-7	5-11	15.7	19.5
8-10	6-1	16.0	19.9
9-4	6-3	16.8	20.9
9-6	6-5	17.0	21.1
9-9	6-7	17.3	21.5
10-3	6-9	18.2	22.6
10-8	6-11	19.0	23.6
10-11	7-1	19.4	24.1
11-5	7-3	20.4	25.3
11-7	7-5	20.7	25.6
11-10	7-7	20.9	25.9
12-4	7-9	22.0	27.3
12-6	7-11	22.1	27.4
12-8	8-1	22.4	27.8
12-10	8-4	22.9	28.3
13-5	8-5	23.8	29.5
13-11	8-7	24.7	30.7
14-1	8-9	24.9	30.9
14-3	8-11	25.2	31.2
14-10	9-1	26.4	32.8
15-4	9-3	27.5	34.2
15-6	9-5	27.8	34.5
15-8	9-7	27.9	34.6
15-10	9-10	28.5	35.4
16-5	9-11	29.7	36.8
16-7	10-1	29.7	36.9



DETAIL OF APRON FOR OUTLET END OF PIPE AND PIPE-ARCH
USE ONLY WHEN NECESSARY

		2-15-66	DATE	STATE HIGHWAY DEPARTMENT OF GEORGIA	
				ENGINEERING DEPARTMENT	
		DELETE GENERAL NOTES	REVISION	STANDARD	
				RIP-RAP FOR STRUCTURAL PLATE PIPE & PIPE-ARCH CULVERTS	
				NOT TO SCALE	
				REDRAWN JULY 2024	
				JULY 1957	
		A.V.S.	BY	DESIGNED _____	(SUBMITTED) _____
				DRAWN _____	ROAD DESIGN ENGINEER
				TRACED _____	(APPROVED) _____
				CHECKED _____	STATE HIGHWAY ENGINEER
					NUMBER 1029A