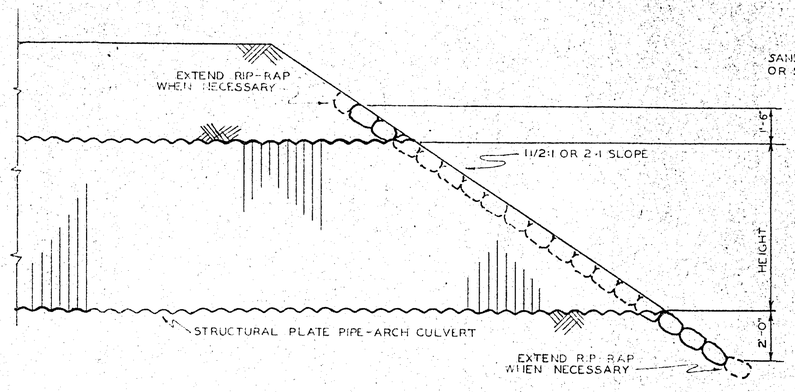

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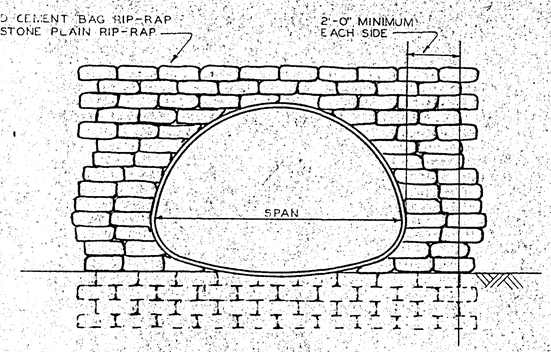
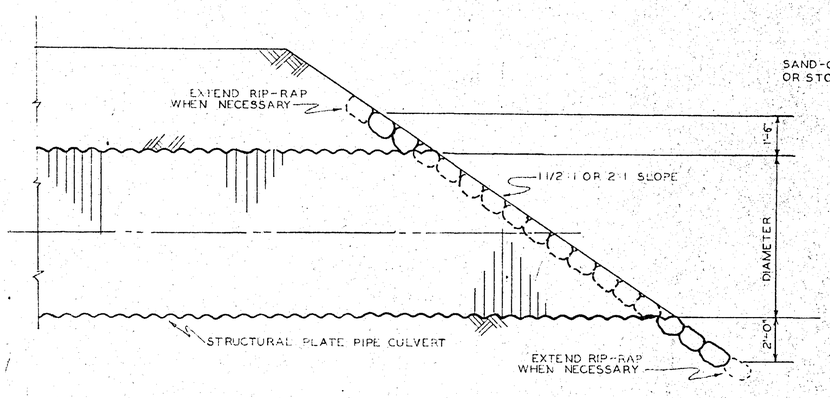


ELEVATION

BEVELED END STRUCTURAL PLATE PIPE-ARCH

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



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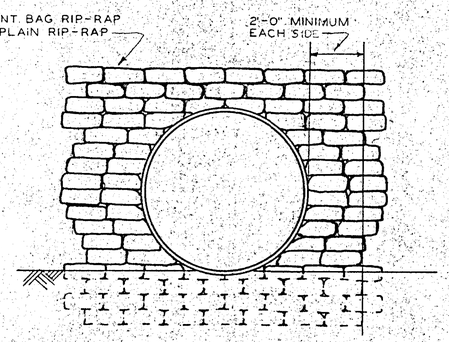
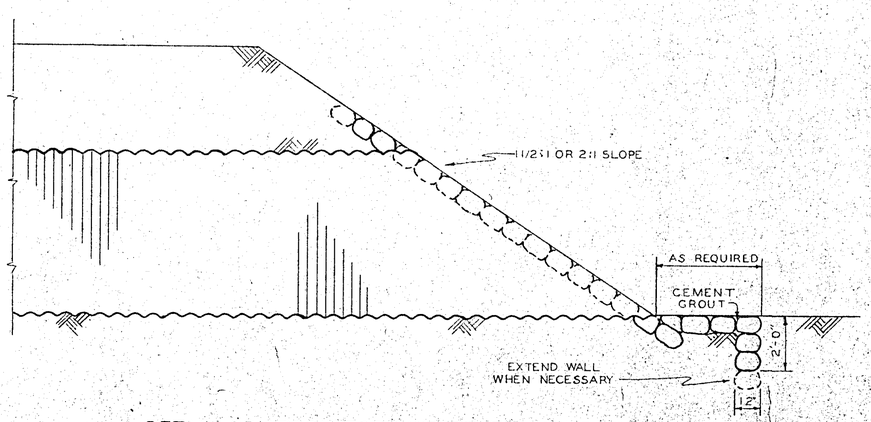


ELEVATION

BEVELED END STRUCTURAL PLATE PIPE



DETAIL OF APRON FOR OUTLET END OF PIPE AND PIPE-ARCH

USE ONLY WHEN NECESSARY

GENERAL NOTES

1. SPECIFICATIONS - GEORGIA STANDARD.
2. QUANTITIES - QUANTITIES SHOWN ARE FOR ONE END AND ARE FOR ESTIMATING PURPOSES ONLY. PAYMENT TO BE MADE FOR QUANTITIES ACTUALLY PLACED AND COMPUTED FOR EACH INSTALLATION. RIP-RAP SHALL BE SAND-CEMENT BAG RIP-RAP OR STONE PLAIN RIP-RAP.
3. REFERENCE - SEE STANDARD NO 2011A FOR ALL DETAILS ON STRUCTURAL PLATE PIPE AND PIPE-ARCH CULVERTS.

DATE	REVISIONS	BY

STATE HIGHWAY DEPARTMENT OF GEORGIA
ENGINEERING DEPARTMENT

STANDARD RIP-RAP FOR STRUCTURAL PLATE PIPE & PIPE-ARCH CULVERTS

NO SCALE

JULY, 1957

DESIGNED
DRAWN
TRACED
CHECKED

SUBMITTED — ROAD DESIGN ENGINEER
APPROVED — STATE HIGHWAY ENGINEER

NUMBER 1029 A