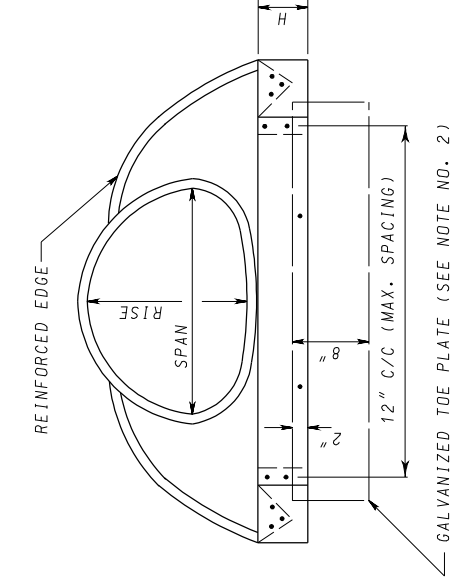
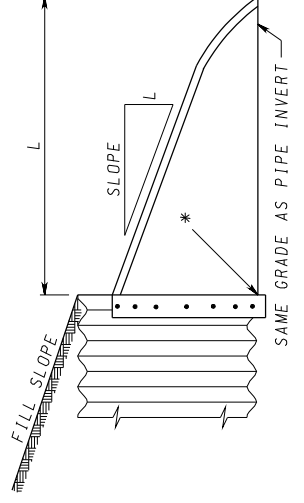


PLAN



END VIEW

DIMENSIONS									
PIPE ARCH DIMENSIONS		GA.	A	B	H	L	W	APPROX. SLOPE	UNIT
SPAN	RISE								
17"	13"	16	7"	9"	6"	19"	30"	2 1/2	1 PC.
21"	15"	16	7"	10"	6"	23"	36"	2 1/2	1 PC.
24"	18"	16	8"	12"	6"	28"	42"	2 1/2	1 PC.
28"	20"	16	9"	14"	6"	32"	48"	2 1/2	1 PC.
35"	24"	14	10"	16"	6"	39"	60"	2 1/2	1 PC.
42"	29"	14	12"	18"	8"	46"	75"	2 1/2	1 PC.



SIDE VIEW

* INVERT ELEVATION TO BE AT THE PIPE END OF THE STANDARD END SECTION. ELEVATIONS TO BE NOTED ON THE CONSTRUCTION PLANS.

NOTES

- METAL END SECTIONS SHALL BE GAGE 16 FOR ARCH PIPES RANGING FROM 17"X13" THRU 28"X20", AND GAGE 14 FOR PIPES RANGING FROM 35"X24" THRU 42"X29".
- TOE PLATE SHALL BE USED WHEN SPECIFIED ON THE PLANS. THICKNESS OF END PLATES TO BE SAME AS END SECTION. COST OF TOE PLATE TO BE INCIDENTAL TO THE BID PRICE PER EACH OF METAL END SECTION.

SPECIFICATION
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CATEGORY CODE ITEMS

APPROVED

Kate G. McCall
DIRECTOR - OFFICE OF HIGHWAY DEVELOPMENT



APPROVAL	SHA REVISIONS	FEDERAL HIGHWAY ADMINISTRATION
APPROVAL	8-28-86	APPROVAL 12-12-86
REVISED	10-1-01	REVISED 7-27-09
REVISED	7-1-09	REVISED

**Maryland Department of Transportation
STATE HIGHWAY ADMINISTRATION**
STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES
**STANDARD METAL END SECTION
METAL PIPE ARCH**

STANDARD NO.

MD 371.01