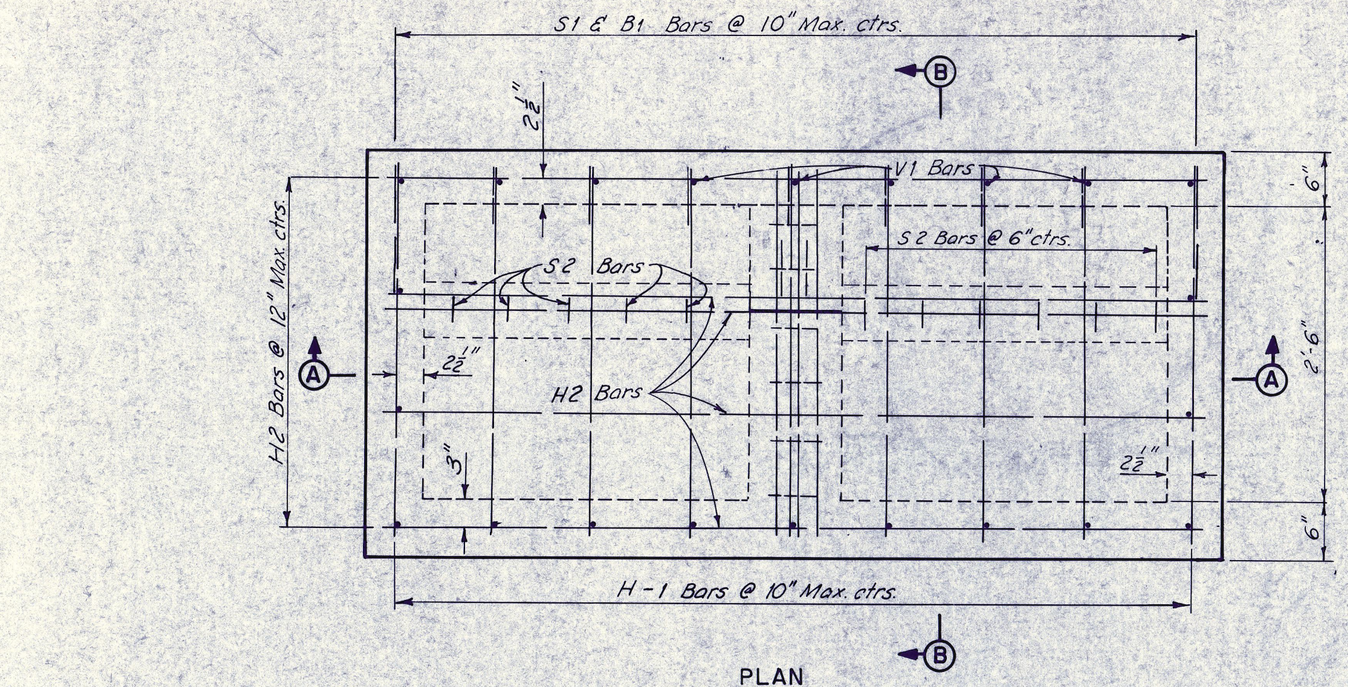
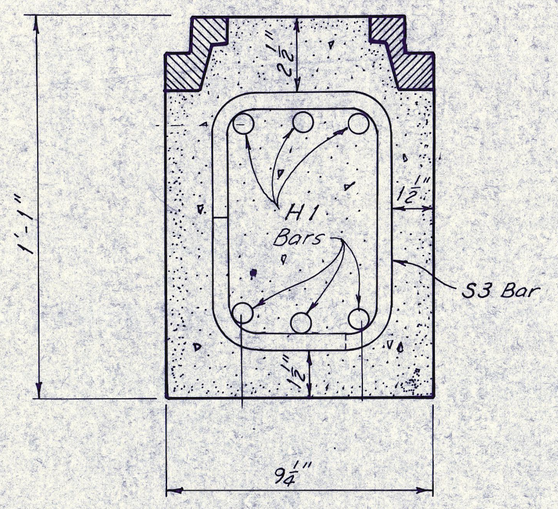
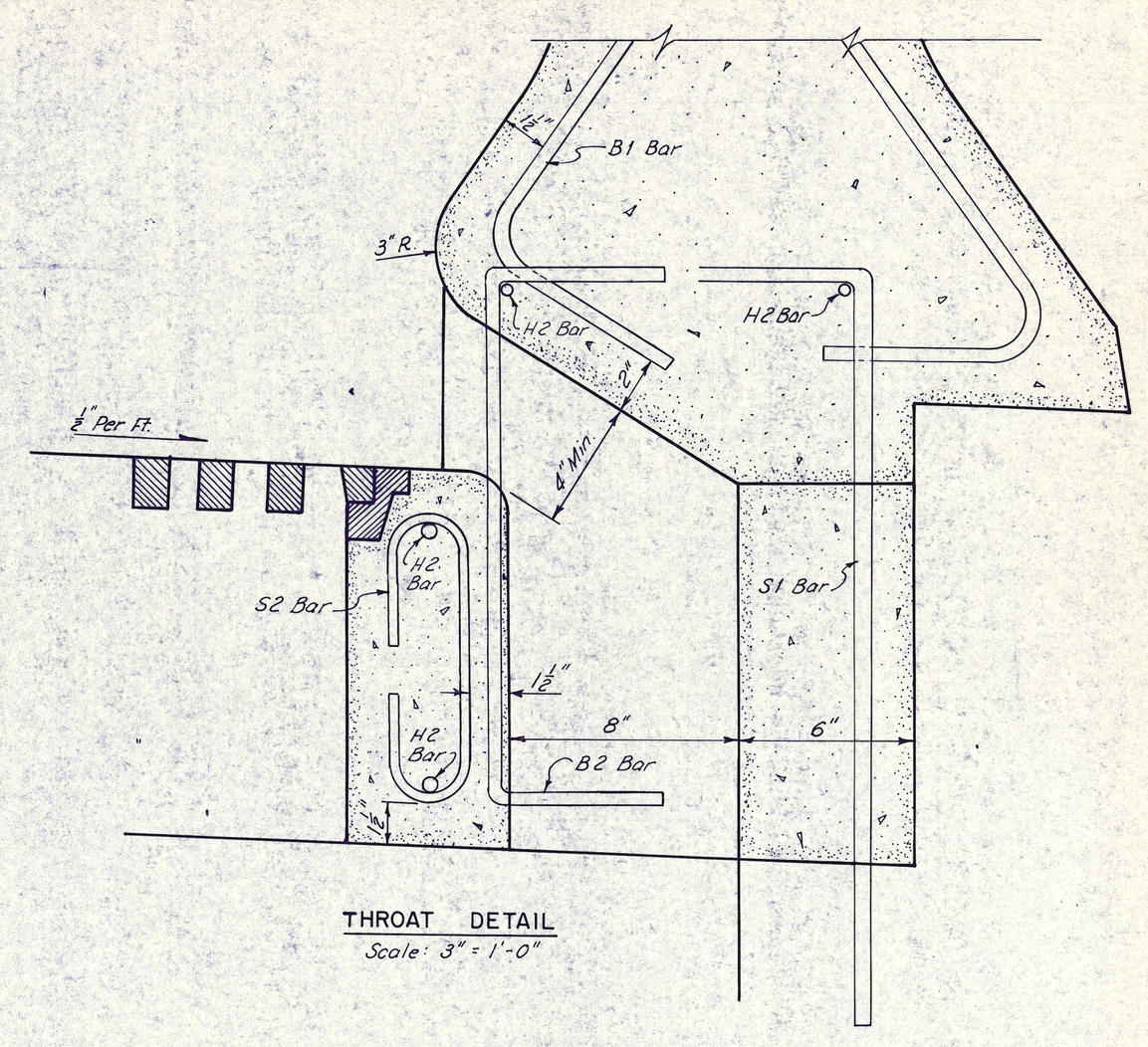


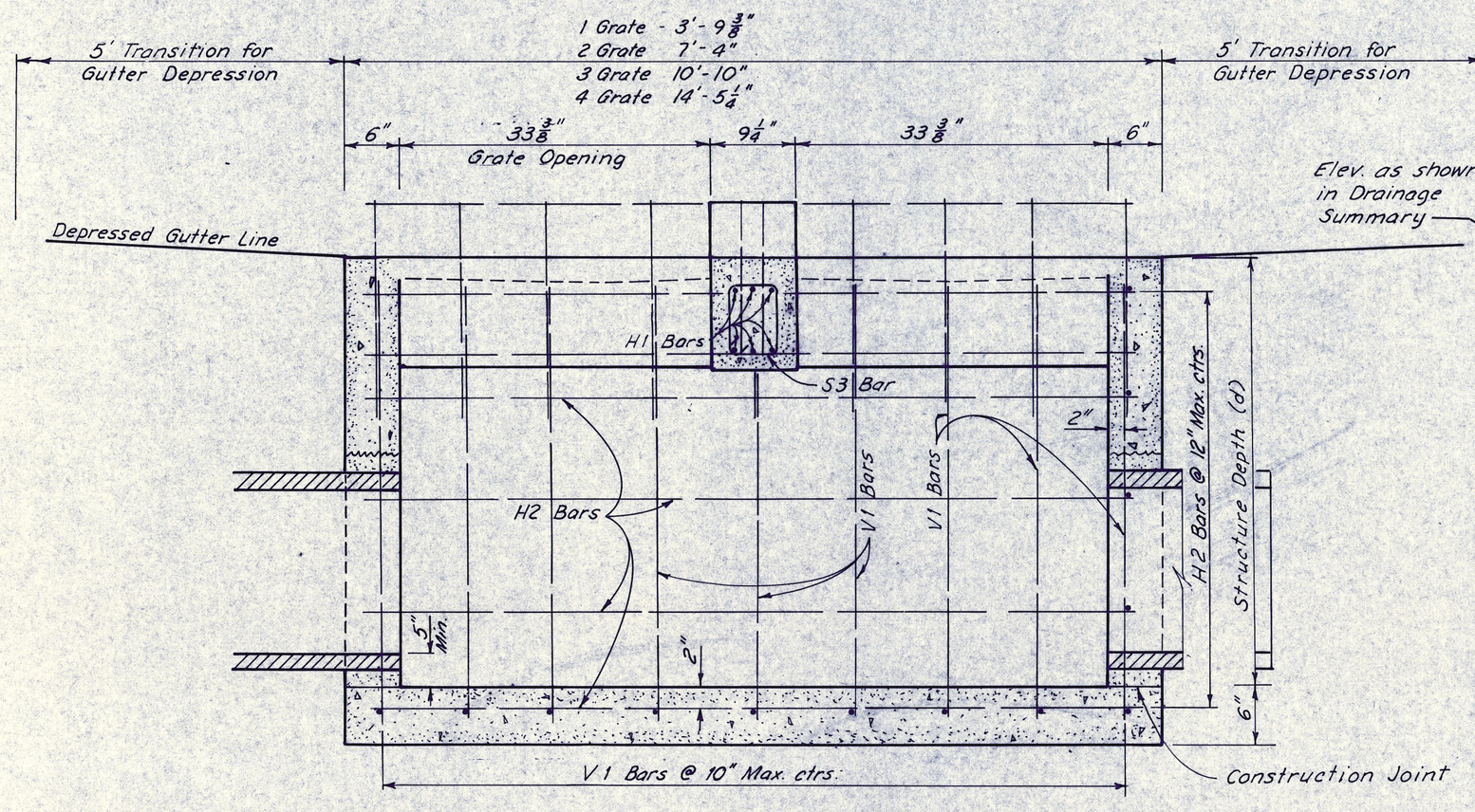
PLAN
Scale: 1" = 1'-0"



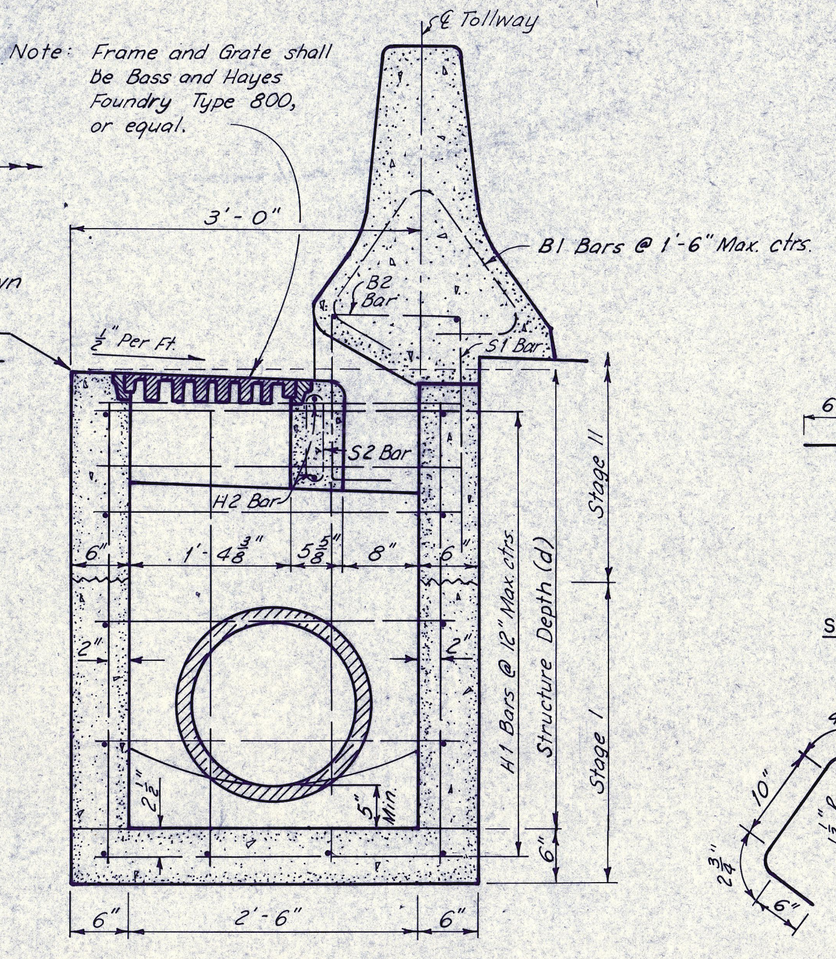
INTERMEDIATE BEAM DETAIL
Scale: 3" = 1'-0"



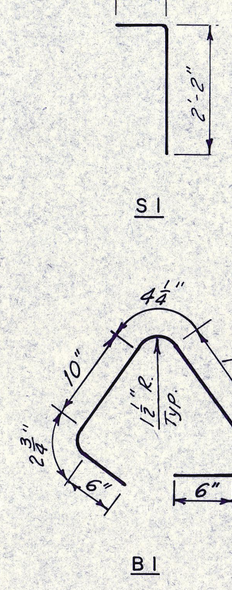
THROAT DETAIL
Scale: 3" = 1'-0"



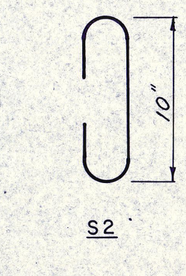
SECTION A-A
Scale: 1" = 1'-0"



SECTION B-B
Scale: 1" = 1'-0"



BENDING DIAGRAMS



GENERAL NOTES

1. All concrete shall be Class "A". Invert concrete shall be placed after inlet box has been constructed. All exposed edges shall be chamfered ¾".
2. Bearing areas of frame and grate shall be fitted and finished as to provide a firm and even seat for the entire grate in the frame.
3. Reinforcing bars shall be cut and or bent at pipe openings. The reinforcing steel on this drawing is in addition to any reinforcing shown on drawings for Median Barrier Curb.
4. Steps for inlets shall be placed at intervals of 16 inches, as directed by the Engineer, and shall conform to Bass and Hays Foundry, Inc., Standard Manhole Steps No. 90, or equal.
5. The work and materials required for cutting, trimming and pointing the pipe with mortar inside the inlet or manhole will not be paid for separately, but will be considered subsidiary to the cost of the pipe.
6. Alternate precast inlets may be approved on an individual basis. Precast inlets shall be of an equal or better strength, material, and workmanship. They shall also meet the standard design criteria of the cast-in-place inlets as shown in these details.

REINFORCING STEEL

INLET SIZE	ONE GRATE										TWO GRATE											
Bar Mark	H1 (#5)		H2 (#5)		V1 (#5)		S1 (#4)		S2 (#3)		H1 (#5)		H2 (#5)		V1 (#5)		S1 (#4)		S2 (#3)		S3 (#4)	
Depth	No.	Length	No.	Length	No.	Length	No.	Length	No.	Length	No.	Length	No.	Length	No.	Length	No.	Length	No.	Length	No.	Length
3'-6"	19	3'-2"	16	3'-5"	14	3'-8"	5	3'-0"	6	2'-2"	23	3'-2"	16	7'-0"	22	3'-8"	9	2'-8"	12	2'-2"	6	3'-2"
4'-0"	19	3'-2"	16	3'-5"	14	4'-2"	5	3'-0"	6	2'-2"	23	3'-2"	16	7'-0"	22	4'-2"	9	2'-8"	12	2'-2"	6	3'-2"
4'-6"	21	3'-2"	18	3'-5"	14	4'-8"	5	3'-0"	6	2'-2"	25	3'-2"	18	7'-0"	22	4'-8"	9	2'-8"	12	2'-2"	6	3'-2"
5'-0"	21	3'-2"	18	3'-5"	14	5'-2"	5	3'-0"	6	2'-2"	25	3'-2"	18	7'-0"	22	5'-2"	9	2'-8"	12	2'-2"	6	3'-2"
5'-6"	23	3'-2"	20	3'-5"	14	5'-8"	5	3'-0"	6	2'-2"	27	3'-2"	20	7'-0"	22	5'-8"	9	2'-8"	12	2'-2"	6	3'-2"
6'-0"	23	3'-2"	20	3'-5"	14	6'-2"	5	3'-0"	6	2'-2"	27	3'-2"	20	7'-0"	22	6'-2"	9	2'-8"	12	2'-2"	6	3'-2"
6'-6"	25	3'-2"	22	3'-5"	14	6'-8"	5	3'-0"	6	2'-2"	29	3'-2"	22	7'-0"	22	6'-8"	9	2'-8"	12	2'-2"	6	3'-2"
7'-0"	25	3'-2"	22	3'-5"	14	7'-2"	5	3'-0"	6	2'-2"	29	3'-2"	22	7'-0"	22	7'-2"	9	2'-8"	12	2'-2"	6	3'-2"
7'-6"	27	3'-2"	24	3'-5"	14	7'-8"	5	3'-0"	6	2'-2"	31	3'-2"	24	7'-0"	22	7'-8"	9	2'-8"	12	2'-2"	6	3'-2"
8'-0"	27	3'-2"	24	3'-5"	14	8'-2"	5	3'-0"	6	2'-2"	31	3'-2"	24	7'-0"	22	8'-2"	9	2'-8"	12	2'-2"	6	3'-2"
8'-6"	29	3'-2"	26	3'-5"	14	8'-8"	5	3'-0"	6	2'-2"	33	3'-2"	26	7'-0"	22	8'-8"	9	2'-8"	12	2'-2"	6	3'-2"
9'-0"	29	3'-2"	26	3'-5"	14	9'-2"	5	3'-0"	6	2'-2"	33	3'-2"	26	7'-0"	22	9'-2"	9	2'-8"	12	2'-2"	6	3'-2"
9'-6"	31	3'-2"	28	3'-5"	14	9'-8"	5	3'-0"	6	2'-2"	35	3'-2"	28	7'-0"	22	9'-8"	9	2'-8"	12	2'-2"	6	3'-2"
10'-0"	31	3'-2"	28	3'-5"	14	10'-2"	5	3'-0"	6	2'-2"	35	3'-2"	28	7'-0"	22	10'-2"	9	2'-8"	12	2'-2"	6	3'-2"
10'-6"	33	3'-2"	30	3'-5"	14	10'-8"	5	3'-0"	6	2'-2"	37	3'-2"	30	7'-0"	22	10'-8"	9	2'-8"	12	2'-2"	6	3'-2"
11'-0"	33	3'-2"	30	3'-5"	14	11'-2"	5	3'-0"	6	2'-2"	37	3'-2"	30	7'-0"	22	11'-2"	9	2'-8"	12	2'-2"	6	3'-2"
11'-6"	35	3'-2"	32	3'-5"	14	11'-8"	5	3'-0"	6	2'-2"	39	3'-2"	32	7'-0"	22	11'-8"	9	2'-8"	12	2'-2"	6	3'-2"

NO.	REVISION	BY	DATE

TEXAS TURNPIKE AUTHORITY

DALLAS NORTH TOLLWAY

TOLLWAY MEDIAN INLET

TYPE "M"

HNTB
HOWARD NEEDLES TAMMEN & BERGENDOFF

SECTION VII

DRAWN GRB DATE 3-17-83
CHECKED SMM DATE 3-24-83
DESIGNED ____ DATE ____
SCALE As Shown

STANDARD DRAWING NO. 2

CONTRACT NO. DNT-115