

FOR USE ADJACENT TO WALL OR BARRIER WITH SAFETY SHAPE (TYPE III)

TYPE I & III INLET

REINFORCING STEEL

MARK	SIZE	NO.	LENGTH	SPACE
A SEE NOTE 9	#4	6 SEE NOTE 7	L - 2'-6" SEE NOTE 8	AS SHOWN
A-1 SEE NOTE 11	#4	(2XL)+2	5'-6"	12"
B SEE NOTE 9	#3	2X(L-4)	1'-1"	12"
B-1 SEE NOTE 11	#4	11	L+ (2'-4")	8"
DOWELS	#4	SEE NOTE 6	1'-0"	6"
F SEE NOTE 9	#5	3 SEE NOTE 10	1'-6"	6"
H	#5	(4XH)+10	3'-2"	12"
H1	#5	(4XH)+8	2'-8"	10"

TYPE - II INLET

A-1	#4	(2XL)+2	5'-6"	12"
B-1	#4	11	L+ (2'-4")	8"
H-2	#3	16 SEE NOTE 12	7'-8"	10"
V-1	#5	12	H - (1'-2")	8"
V-2	#4	30	LENGTH =H	8"
A SEE NOTE 15	#4	12 SEE NOTE 14	L - (2'-6") SEE NOTE 8	AS SHOWN
B SEE NOTE 15	#4	4(L-4)	1'-1"	12"
DOWELS	#3	DOUBLE NO. SHOWN FOR TYPE I	1'-0"	6"
F SEE NOTE 15	#5	6 SEE NOTE 13	1'-6"	6"
H	#5	(4+ H)+8	3'-2"	12"
H-1	#5	(4+ H)+16	2'-8"	10"
V	#4	30	LENGTH =H	8"
M-1	#5	5	3'-2"	5"
M	#4	4	1'-8"	12"

NOTES

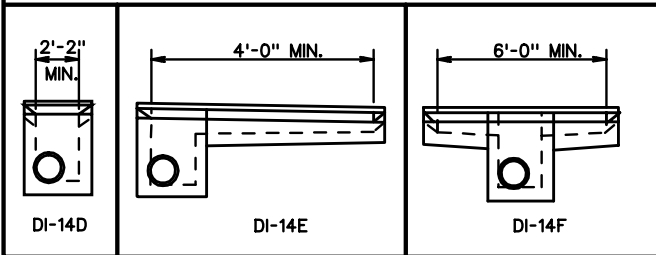
22. TYPE I DENOTES INLET WITH SINGLE THROAT AND CHAMBER
TYPE II DENOTES INLET WITH DOUBLE THROAT AND CHAMBER.
TYPE III DENOTES INLET WITH SINGLE THROAT AND CHAMBER ADJACENT TO WALL OR BARRIER.

23. MAXIMUM PIPE SIZE IS 24" DIAMETER.

24. CONCRETE MEDIAN BARRIER (TALL WALL) SHALL HAVE DELINEATORS INSTALLED ON BARRIER WALL ORIENTED TOWARDS ONCOMING TRAFFIC AT APPROXIMATELY 25" ABOVE THE ROADWAY.

25. PROVIDE SAFETY SLABS WHEN SPECIFIED ON THE PLANS.

- VARIES GREATER THAN:
0' TO 18' MAX. TYPE I CHAMBER
4' TO 3' MAX. TYPE I CHAMBER.
- FOR DETAILS AND DIMENSIONS NOT SHOWN FOR MEDIAN BARRIER, SEE STANDARD MB-13.
- GALVANIZED MC-6 X 12 IS TO BE WELDED UNDER THE COLLAR AND EXTENDED INTO SIDEWALLS TO WITHIN 2" OF OUTSIDE FACE.
- ALL REINFORCING BARS ARE TO BE GRADE 60 STEEL WITH MIN. OF 1 1/2" CONCRETE COVER. ANY BARS IN CONFLICT WITH PIPE SHELL AND/OR TOP SLAB OPENING ARE TO BE FIELD CUT TO PROVIDE THE REQUIRED COVER.
- DO NOT LOCATE STANDARD ST-1 STEPS ON CHAMBER WALLS THAT HAVE PIPES WHEN POSSIBLE.
- 8 DOWELS REQUIRED FOR DI-14F, MIN. L = 7'-0". ADD 2 DOWELS FOR EACH ADDITIONAL FOOT.
4 DOWELS REQUIRED FOR DI-14E, MIN. L = 4'-0". ADD 2 DOWELS FOR EACH ADDITIONAL FOOT.
- 12 BARS A REQUIRED FOR DI-14F.
- LENGTH OF BARS A, DI-14F = $\frac{L - (2'-6")}{2}$
- DO NOT USE WITH DI-14D.
- USE 6 BARS F FOR DI-14F TYPE I
- DO NOT USE WITH TYPE III
- ADD 4 ADDITIONAL BARS FOR EACH EXTRA FOOT OF DEPTH.
- USE 12 BARS F FOR DI-14F TYPE II
- 24 BARS A ARE REQUIRED FOR DI-14F.
- DO NOT USE WITH DI-14D.
- A MINIMUM 22' FOOTING DEPTH IS REQUIRED FOR FORMING THE INLET SLOT. SEE PLANS FOR LENGTH "L".
- REFER TO PLANS FOR STRUCTURE LOCATIONS, DATA AND DIMENSIONS.
- REFER TO PLANS FOR LOCATIONS OF PIPES AND INVERTS.
- FOR TYPE III, COST OF ACCOMMODATION OF INLET THROAT IS TO BE INCLUDED IN COST OF WALL BARRIER.
- FOR TYPE III, SEE WALL PLANS FOR WALL FOOTING DETAILS.
- 3" DIAMETER WEEP HOLE WITH 12"X12" PLASTIC HARDWARE CLOTH, 1/4" MESH OR GALV. STEEL WIRE. MIN. WIRE DIA. 0.03", NO. 4 MESH HARDWARE CLOTH ANCHORED FIRMLY TO THE OUTSIDE OF THE STRUCTURE.



CONCRETE BARRIER DROP INLET
12"-24" PIPE: DEPTH (H) = 20' MAX.

SPECIFICATION REFERENCE

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