



SHEET 1 OF 2

CONCRETE MEDIAN BARRIER DROP INLET
12"-36" PIPE: DEPTH (H)=20'-0" MAX.

VIRGINIA DEPARTMENT OF TRANSPORTATION

REVISIONS:
REV. 2/06
104-58

DI-14A, 14B, 14C

TABLE OF QUANTITIES

TYPE	CONCRETE		BARS B		BARS E		BARS H		BARS U-1		BARS U-2		BARS V-1		BARS V-2		BARS V-3		TYPE I		TYPE II		
	FT.	CUB. YD.	NO.	LN.FT.	NO.	LN.FT.	NO.	LN.FT.	NO.	LN.FT.	NO.	LN.FT.	NO.	LN.FT.	NO.	LN.FT.	NO.	LN.FT.	NO.	LN.FT.	NO.	LN.FT.	
DI-14A	3'	2.23	2.20	3	4'-0"	5	4'-0"	-	38	4'-0"	-	-	-	48	3'-4"	12	2'-6"	3	3'-8"	8	5'-9"	455	455
	6'	2.95	2.44	3	5'-0"	5	4'-0"	8	1'-4"	38	4'-0"	2	5'-2"	10	3'-7"	48	3'-4"	4	3'-8"	8	5'-9"	485	480
	8'	3.36	3.34	3	9'-0"	5	7'-0"	8	3'-4"	38	4'-0"	4	5'-2"	10	3'-7"	48	3'-4"	12	2'-6"	7	3'-8"	528	519
	10'	3.82	3.78	3	11'-0"	8	11'-0"	8	7'-4"	38	4'-0"	6	5'-2"	10	3'-7"	48	3'-4"	12	2'-6"	8	3'-8"	573	560
DI-14B	12'	4.24	4.24	3	13'-0"	5	13'-0"	8	9'-4"	38	4'-0"	10	5'-2"	10	3'-7"	48	3'-4"	12	2'-6"	8	3'-8"	617	600
	16'	5.20	5.14	4	15'-0"	5	15'-0"	8	11'-4"	38	4'-0"	14	5'-2"	10	3'-7"	48	3'-4"	12	2'-6"	8	3'-8"	660	639
	20'	5.67	5.61	3	17'-0"	5	17'-0"	8	13'-4"	38	4'-0"	18	5'-2"	10	3'-7"	48	3'-4"	12	2'-6"	13	3'-8"	706	719
	24'	6.13	6.06	3	19'-0"	5	19'-0"	8	15'-4"	38	4'-0"	22	5'-2"	10	3'-7"	48	3'-4"	12	2'-6"	15	3'-8"	753	759
	28'	6.29	6.29	3	21'-0"	5	21'-0"	8	17'-4"	38	4'-0"	26	5'-2"	10	3'-7"	48	3'-4"	12	2'-6"	17	3'-8"	800	808
	32'	6.36	6.34	3	9'-0"	5	9'-0"	8	13'-0"	38	4'-0"	30	5'-2"	10	3'-7"	48	3'-4"	12	2'-6"	19	3'-8"	847	853
DI-14C	12'	3.82	3.79	3	11'-0"	8	11'-0"	16	4'-0"	38	4'-0"	10	5'-2"	10	3'-7"	48	3'-4"	12	2'-6"	8	3'-8"	588	571
	14'	4.28	4.24	3	13'-0"	5	13'-0"	16	4'-0"	38	4'-0"	12	5'-2"	10	3'-7"	48	3'-4"	12	2'-6"	9	3'-8"	632	616
	16'	4.74	4.69	3	15'-0"	5	15'-0"	16	6'-0"	38	4'-0"	14	5'-2"	10	3'-7"	48	3'-4"	12	2'-6"	11	3'-8"	675	646
	18'	5.20	5.14	3	17'-0"	5	17'-0"	16	7'-0"	38	4'-0"	16	5'-2"	10	3'-7"	48	3'-4"	12	2'-6"	13	3'-8"	720	691
	20'	5.67	5.61	3	19'-0"	5	19'-0"	16	8'-0"	38	4'-0"	18	5'-2"	10	3'-7"	48	3'-4"	12	2'-6"	15	3'-8"	767	768
	24'	6.13	6.06	3	21'-0"	5	21'-0"	16	9'-0"	38	4'-0"	20	5'-2"	10	3'-7"	48	3'-4"	12	2'-6"	17	3'-8"	814	809

NOTES

- DEPTH OF INLET (H) TO BE SHOWN ON PLANS.
- THE "H" DIMENSION SHOWN ON THE STANDARDS AND SPECIFICATIONS FOR THE INVERT OF THE DROPPED INLET SHALL BE THE DEPTH OF THE INLET TO THE TOP OF THE STRUCTURE. THE "H" DIMENSION FOR ESTIMATING PURPOSES AND THE ACTUAL DIMENSIONS SHALL BE DETERMINED BY THE CONTRACTOR FROM FIELD CONDITIONS.
- WHEN SPECIFIED ON THE PLANS THE INVERT IS TO BE THE COST OF FURNISHING AND PLACING ALL MATERIALS IN THE BID PRICE FOR THE STRUCTURE. INCLUDED IN THE BID PRICE FOR THE STRUCTURE IS THE COST OF FURNISHING AND PLACING ALL MATERIALS IN THE BID PRICE FOR THE STRUCTURE. THE INVERT OF THE STRUCTURE SHALL BE THE INVERT OF THE BOTTOM OF THE STRUCTURE. THE INVERT OF THE STRUCTURE SHALL BE THE INVERT OF THE BOTTOM OF THE STRUCTURE. THE INVERT OF THE STRUCTURE SHALL BE THE INVERT OF THE BOTTOM OF THE STRUCTURE.
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- CONCRETE QUANTITIES SHOWN ARE FOR DEPTH OF INLET GREATER THAN 4'-0".
- THIS ITEM MAY BE PRECAST OR CAST-IN-PLACE.
- 3" DIAMETER WEEP HOLE TO BE LOCATED TO THE TOP OF THE STRUCTURE. ONLY 2" X 1/2" BRASSIC HARDWARE CLOTH, MESH OR GALVANIZED STEEL WIRE MINIMUM WIRE CLOTH ANCHORED FIRMLY TO THE OUTSIDE OF THE STRUCTURE.
- ALL REINFORCING STEEL SHALL HAVE A MIN. COVER OF 2".
- ALL REINFORCING STEEL TO BE CUT CLEAR OF ALL OPENINGS BY 2".
- CAST-IN PLACE CONCRETE IS TO BE CLASS 4000 PSI.
- LENGTH OF SLOT (L) WILL, IN EVERY CASE, BE SHOWN ON PLANS.
- QUANTITIES INCLUDE MB-12.
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- LENGTH OF SLOT (L) WILL, IN EVERY CASE, BE SHOWN ON PLANS.
- QUANTITIES INCLUDE MB-12.

NEW 2/06
SPECIAL DESIGN SECTION
DRAWING NO. A 170

SHEET 2 OF 2

PLAN NO.	PROJECT	FILE NO.	SHEET NO.

CONCRETE MEDIAN BARRIER DROP INLET

12"-36" PIPE: DEPTH (H) = 20'-0" MAX.

REVISIONS:
REV. 2/06
104-39

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

REVISED	STATE	FEDERAL AID PROJECT	ROUTE	STATE PROJECT	SHEET NO.
	VA.				

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VIRGINIA DEPARTMENT OF TRANSPORTATION