



**NOTES**

Type E Inlet detailed herein is for use on 0 grade. If it is to be used in a sog (see sketch herein) it should be built symmetrically about centerline of pipe and length of opening specified.

The covering for reinforcing steel shall be two inches measured from the surface of the concrete to the face of the bar, unless otherwise shown. All reinforcing steel shall be epoxy-coated and meet the requirements of Section 602 of the Specifications.

Optional construction joints labeled "CJ" may be keyed or doweled as per the typical details shown herein or as approved by the Engineer.

If Type E Inlet is to be constructed along with 0 sidewalk, the sidewalk shall be constructed monolithic with the top slab on the inlet. The sidewalk shall be reinforced with Type B fabric placed 2" from bottom of sidewalk and extended into the top slab of the inlet a minimum distance of 8'. Cast of Type B fabric shall be included in the unit price bid for Concrete Sidewalk. This inlet shall not be placed in a pedestrian cross walk.

**CONCRETE AND REINFORCING STEEL QUANTITIES**

L. Concrete C.Y.	Reinforcing Steel lbs.	A Bars (Item)		B Bars (Strength)		C Bars (Strength)		D Bars (Strength)		E Bars (Strength)		F Bars (Strength)		G Bars (Strength)		H Bars (Strength)		K Bars (Strength)																								
		No.	Size	Length	No.	Size	Length	No.	Size	Length	No.	Size	Length	No.	Size	Length	No.	Size	Length	No.	Size	Length																				
6	2.59	89	5	7-3/4"	10	4	5	3-9"	2	5	7-1"	1	5	7-1"	4	4	5	3-6"	4	4	5	2-6"	4	4	5	2-6"	4	4	5	3-0"	1	5	8-0"	2	7	6-5"	2	6	3-4"	10	5	2-3"
8	3.07	250	9	7-1"	10	4	5	5-9"	2	5	9-1"	1	5	9-1"	4	4	5	5-6"	4	4	5	2-0"	4	4	5	2-6"	4	4	5	3-0"	1	5	8-0"	2	7	6-5"	2	6	3-4"	13	5	2-3"
10	3.57	308	13	7-2 1/2"	10	4	5	7-9"	2	5	11-1"	1	5	11-1"	4	4	5	7-6"	4	4	5	2-0"	4	4	5	2-6"	4	4	5	3-0"	1	5	8-0"	2	7	6-5"	2	6	3-4"	15	5	2-3"
12	4.09	369	17	7-6"	10	4	5	9-9"	2	5	13-1"	1	5	13-1"	4	4	5	9-6"	4	4	5	2-0"	4	4	5	2-6"	4	4	5	3-0"	1	5	8-0"	2	7	6-5"	2	6	3-4"	18	5	2-3"
14	4.62	444	21	7-7 1/2"	10	4	5	11-9"	2	6	15-1"	1	5	15-1"	4	4	5	11-6"	4	4	5	2-0"	4	4	5	2-6"	4	4	5	3-0"	1	5	8-0"	2	7	6-5"	2	6	3-4"	21	5	2-3"
16	5.17	506	25	7-9"	10	4	5	13-9"	2	6	17-1"	1	5	17-1"	4	4	5	13-6"	4	4	5	2-0"	4	4	5	2-6"	4	4	5	3-0"	1	5	8-0"	2	7	6-5"	2	6	3-4"	23	5	2-3"
18	5.74	570	29	7-10"	10	4	5	15-9"	2	6	19-1"	1	5	19-1"	4	4	5	15-6"	4	4	5	2-0"	4	4	5	2-6"	4	4	5	3-0"	1	5	8-0"	2	7	6-5"	2	6	3-4"	26	5	2-3"
20	6.19	636	33	7-10"	10	4	5	17-9"	2	6	21-1"	1	5	21-1"	4	4	5	17-6"	4	4	5	2-0"	4	4	5	2-6"	4	4	5	3-0"	1	5	8-0"	2	7	6-5"	2	6	3-4"	29	5	2-3"

\* The quantities shown above are for on H of five feet. If deeper inlets are required the quantities must be adjusted accordingly.

The above table to be used for estimating purposes only.

WEST VIRGINIA DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
 STANDARD DRAWING 419  
 STANDARD DETAIL

PREPARED 7-1-49  
 REVISION DATE

**TYPE E INLET**

STANDARD SHEET DR-6