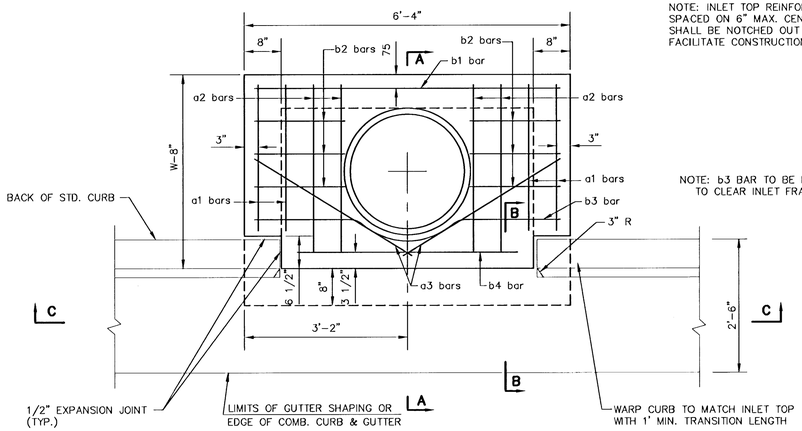
FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	472-83084	2000	15	58

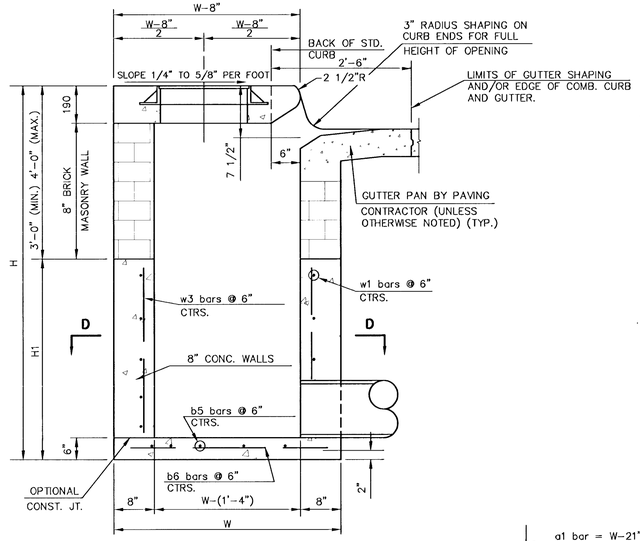


NOTE: INLET TOP REINFORCING SHALL BE SPACED ON 6" MAX. CENTERS. INLET LIDS SHALL BE NOTCHED OUT AS INDICATED TO FACILITATE CONSTRUCTION OF CURB.

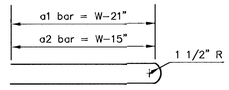
NOTE: b3 BAR TO BE FIELD BENT TO CLEAR INLET FRAME.

PLAN

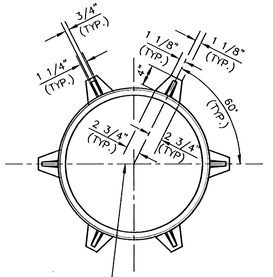
NOTE: CONCRETE TOPS TO BE INSTALLED ON THIN MORTAR CUSHION TO INSURE FULL SUPPORT ALONG BRICK WALLS. CONCRETE TOPS MAY BE CAST IN PLACE OR PRECAST. CONCRETE USED FOR INLET CONSTRUCTION SHALL BE CONCRETE PAVEMENT MIX.



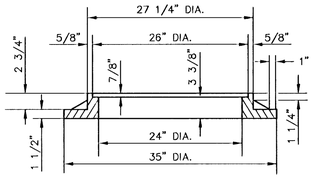
SECTION A-A



BENDING DIAGRAM



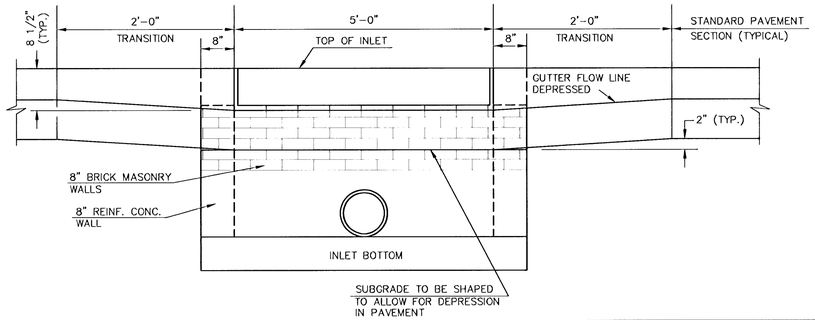
POSITION RING SUCH THAT THIS LINE IS PARALLEL WITH ℄ OF PAVEMENT



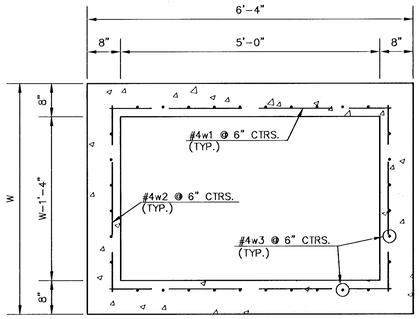
INLET FRAME

WT.=180 LBS

SEE CITY OF WICHITA STANDARD MANHOLE FRAME AND COVER DETAIL SHEET FOR COVER DETAILS TO BE USED WITH INLET FRAME.



SECTION C-C



SECTION D-D

STEEL SCHEDULE

		W=4'-4"		W=5'-4"		W=6'-4"		W=7'-4"		W=8'-4"	
MARK	SIZE	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH
a1	#4	4	5'-7"	4	2 310	4	2 920	4	3 530	4	4 140
a2	#4	4	6'-7"	4	2 615	4	3 225	4	3 835	4	4 445
a3	#4	2	4'-0"	2	1 525	2	1 830	2	2 135	2	2 440
b1	#4	1	6'-1"	3	1 855	5	1 855	7	1 855	9	1 855
b2	#4	6	1'-9"	6	1'-9"	6	1'-9"	6	1'-9"	6	1'-9"
b3	#4	1	6'-2"	1	6'-2"	1	6'-2"	1	6'-2"	1	6'-2"
b4	#6	1	4'-8"	1	4'-8"	1	4'-8"	1	4'-8"	1	4'-8"
b5	#4	7	5'-4"	9	5'-4"	11	5'-4"	13	5'-4"	15	5'-4"
b6	#4	11	3'-4"	11	4'-4"	11	5'-4"	11	6'-4"	11	7'-4"

STEEL SCHEDULE

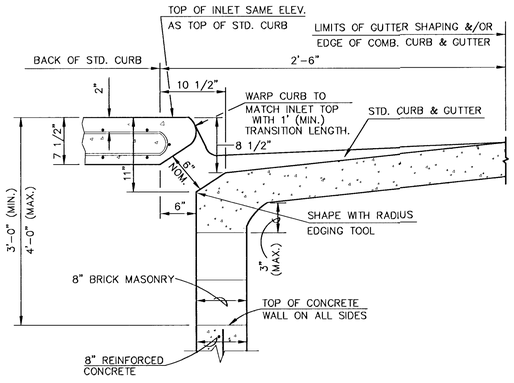
		W=4'-4"		W=5'-4"		W=6'-4"		W=7'-4"		W=8'-4"	
MARK	SIZE	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH
w1	#4	①	5'-4"	①	5'-4"	①	5'-4"	①	5'-4"	①	5'-4"
w2	#4	①	3'-4"	①	4'-4"	①	5'-4"	①	6'-4"	①	7'-4"
w3	#4	②	③	②	③	②	③	②	③	②	③

NOTE: a3 BARS TO BE PLACED APPROX. 2" BELOW TOP OF INLET COVER.

① $2\left(\frac{(H1-8")}{6"}+1\right)$

② $22+2\left(\frac{(W-1'-4")}{6"}+1\right)$

③ (H1-9")



SECTION B-B

STANDARD CURB INLET PRECAST TOPS			
W	PRE-CAST TOP SIZE	PIPE SIZE	CU. YD. CONC.
4'-4"	3'-8" x 6'-4" x 7 1/2"	21" & SMALLER	± 0.38
5'-4"	4'-8" x 6'-4" x 7 1/2"	24" & 30"	± 0.51
6'-4"	5'-8" x 6'-4" x 7 1/2"	36" & 42"	± 0.64
7'-4"	6'-8" x 6'-4" x 7 1/2"	48" & 54"	± 0.77
8'-4"	7'-8" x 6'-4" x 7 1/2"	60" & 66"	± 0.90

GENERAL NOTES

1. CONCRETE SHALL BE C.O.W. STANDARD PAVING MIX. ALL EXPOSED EDGES SHALL BE FINISHED WITH AN EDGING TOOL. REINFORCING BARS SHALL BE FIELD BENT OR CUT TO CLEAR PIPES. ALL BARS ARE #4 BARS AT 6" SPACING AND SHALL HAVE A MINIMUM CLEARANCE OF 1 1/2" UNLESS OTHERWISE NOTED. FLOORS OF INLET SHALL BE SHAPED WITH 8 SACK SAND MIX CONCRETE TO INCREASE HYDRAULIC EFFICIENCY SUCH THAT THE INLET WILL BE SELF CLEANING BETWEEN ALL INLET AND/OR OUTFALL PIPE(S). THE CONTRACTOR SHALL HAVE THE OPTION TO CONSTRUCT 8" BRICK MASONRY WALLS BETWEEN THE CONCRETE INLET BASE AND TOP ON THIS INLET WHEN H=7'-0" OR LESS AND W=6'-4" OR LESS.

2. THE ENDS OF ALL PIPES INSTALLED IN INLETS SHALL BE CUT OFF FLUSH WITH THE INSIDE FACE OF THE INLET WALL.

REVISED: 12-21-1984

STANDARD TYPE 1 CURB INLET

INLET OPENING=6" x 5'-0"

OCTOBER, 1984

CITY OF WICHITA, KANSAS

Design BER KJS MWB	Checked by	Checked by	
Drawn by	Date	Date	Job No.