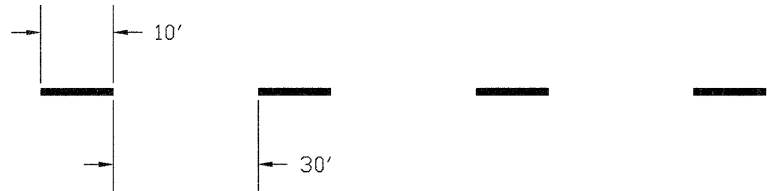
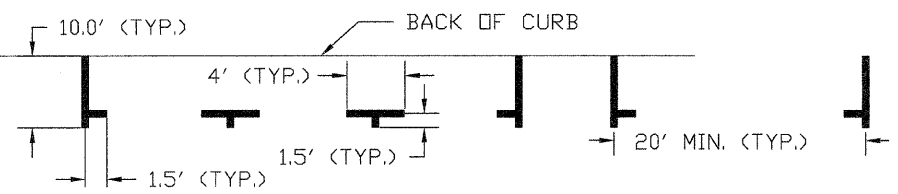


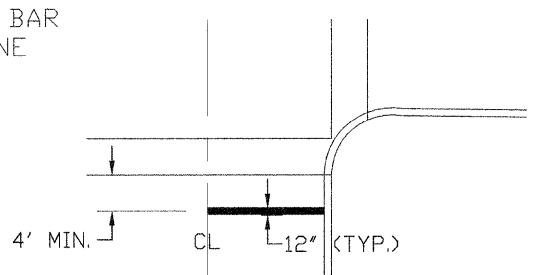
TYPICAL LANE MARKING  
4" WIDE LINE



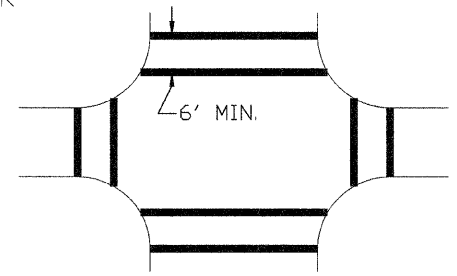
TYPICAL PARKING SPACE LIMIT MARKING  
4" WIDE LINE



TYPICAL STOP BAR  
12" WIDE LINE



TYPICAL CROSSWALK  
6" WIDE LINE



TYPICAL PAVEMENT MARKINGS

REVISED	GB	10/29/96
STANDARDIZED	CVE	06/28/91
REVISION	BY	DATE

CITY OF ROCK ISLAND  
ENGINEERING DIVISION

STANDARD NO. 117

PRECAST OR CONCRETE BRICK ADJUSTING RINGS SHALL BE MORTARED BETWEEN FRAME AND MH SECTION. A MIN. OF 4" AND A MAX. OF 16" ADJUSTMENT IS REQUIRED.

FRAME AND LID SHALL CONFORM TO NEENAH FOUNDRY CO. STANDARDS OR EQUIVALENT; NO. R-1713 WITH SELF-SEALING LID TOTAL WEIGHT = 540 LBS.

ALL PIPES ENTERING AND EXITING MH'S SHALL HAVE A JOINT WITHIN 6' TO 24' OF THE OUTER SURFACE OF MH. CONCRETE SHALL BE POURED TO, BUT NOT BEYOND, THE FIRST PIPE JOINT.

CLASS S1 CONCRETE

5 #4 BARS 4'-6" @ 12" CENTERS

CONSTRUCT DEPTH OF FILLET TO 1/2 PIPE DIAMETER

5 #4 BARS 4'-6" @ 12" CENTERS

ALL PIPE SHALL END FLUSH TO THE INSIDE WALL OF MANHOLE

ALTERNATE MATERIAL FOR WALLS	D	C	T
PRECAST SECTIONS	4'-0"	3'-2"	5'
	5'-0"	3'-2"	6'
POURED WALLS *	4'-0"	3'-2"	6'
	5'-0"	3'-2"	6'

\* CLASS S1 CONCRETE, VIBRATED, WITH FORMS RIDGED AND TRUE TO VERTICAL ALIGNMENT.

DIAMETER OF MAIN SEWER	D
21" AND UNDER	4'-0"
24" TO 36" INCLUSIVE	5'-0"

NOTES:

- NO PIPE SHALL ENTER MANHOLE HIGHER THAN 2' FROM FILLET, UNLESS AN OUTSIDE DROP M.H. IS CONSTRUCTED.
- ALL PRECAST MANHOLE JOINTS SHALL BE SEALED WITH AN O-RING RUBBER GASKET, MEETING ASTM C361.
- PIPE CONNECTIONS ON M.H. WORK ARE INCIDENTAL, IF WITHIN 2' OF STRUCTURE.
- PRECAST M.H. SECTIONS WITH A-LOCKS & PRECAST FILLETS SHALL NOT BE ALLOWED.
- STEPS SHALL NOT BE INSTALLED IN MANHOLE.
- USE TYPE B LID IN PAVED AREAS IN LIEU OF SELF SEALING LID.
- MATCH 0.8 POINTS ON PIPE ENTERING MANHOLE

STANDARD MANHOLE

CITY OF ROCK ISLAND ENGINEERING DIVISION	STANDARD NO. 201
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REMOVE STEPS	W.L.C.	07/31/01
D-RING JOINT / 3'-2"	D.G.C.	02/5/93
STANDARD DWG	CVE	06/26/91
REVISION	BY	DATE

85A97  
09-00186-00-RS  
C.R.I. STANDARD DETAILS

**CITY OF ROCK ISLAND  
ENGINEERING DIVISION**

30th Street Resurfacing  
31st Avenue to Blackhawk Road

Job Number	2592	Date	2-24-09
Computer Drawing Name	2592 Standard Details	By	mdw
Sheet	36	Of	43