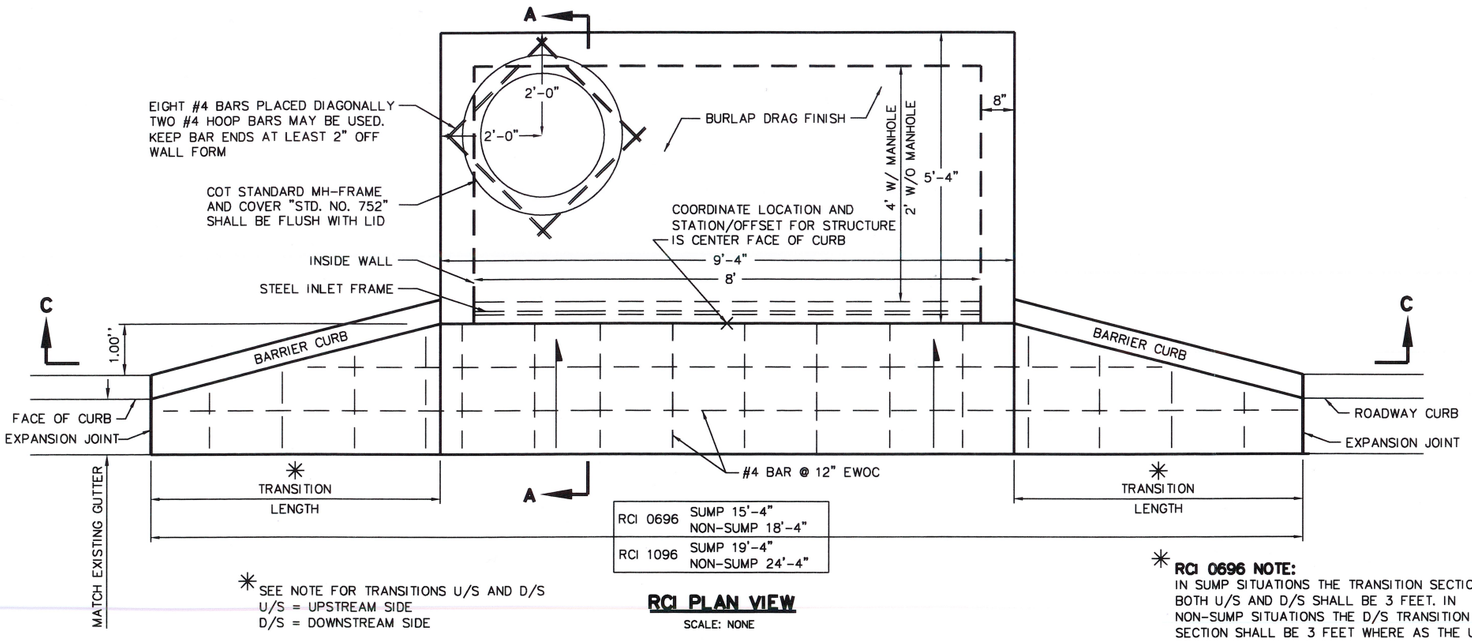



| | |
|---|---|
| RCI 0696 | SUMP 15'-4" NON-SUMP 18'-4" |
| RCI 1096 | SUMP 19'-4" NON-SUMP 24'-4" |

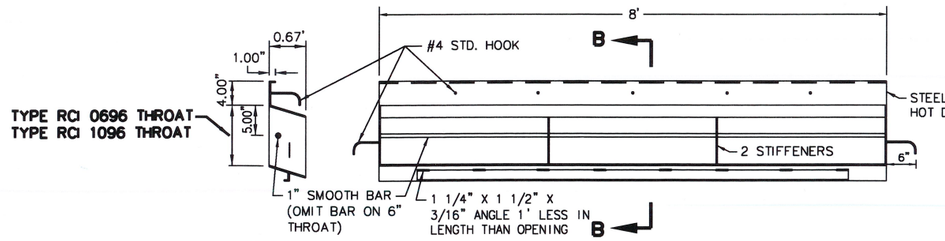
✳ SEE NOTE FOR TRANSITIONS U/S AND D/S
U/S = UPSTREAM SIDE
D/S = DOWNSTREAM SIDE

## RCI PLAN VIEW

SCALE: NONE

✳ **RCI 0696 NOTE:**
IN SUMP SITUATIONS THE TRANSITION SECTION BOTH U/S AND D/S SHALL BE 3 FEET. IN NON-SUMP SITUATIONS THE D/S TRANSITION SECTION SHALL BE 3 FEET WHERE AS THE U/S TRANSITION SECTION SHALL BE 6 FEET.

✳ **RCI 1096 NOTE:**
IN SUMP SITUATIONS THE TRANSITION SECTION BOTH U/S AND D/S SHALL BE 5 FEET. IN NON-SUMP SITUATIONS THE D/S TRANSITION SECTION SHALL BE 5 FEET WHERE AS THE U/S TRANSITION SECTION SHALL BE 10 FEET.




## SECTION B-B

SCALE: NONE

## FRONT VIEW
## STEEL INLET INSERT DETAIL

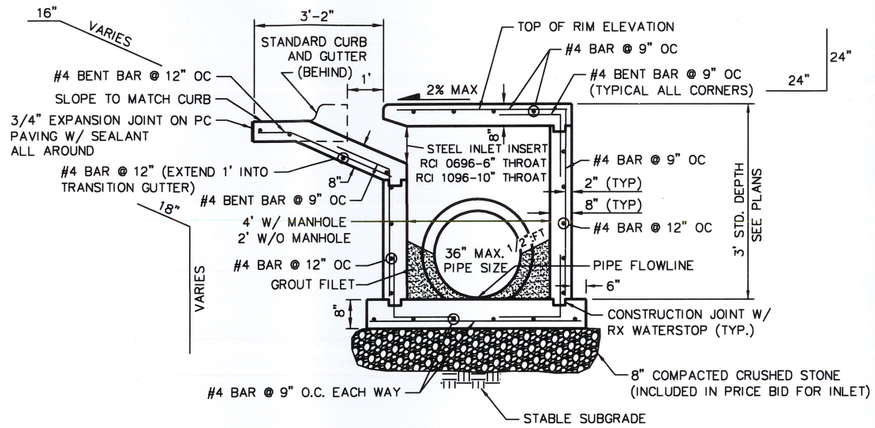
SCALE: NONE

### STEEL INLET FRAME NOTES

1. STEEL INLET INSERT SHALL BE AS MANUFACTURED BY SHAWNEE STEEL & WELDING, INC. OF MERIAM, KS. OR APPROVED EQUAL. REFER TO THE STEEL INLET INSERT DETAIL.
2. COST OF INLET INSERT SHALL BE INCLUDED IN THE PRICE BID FOR INLET.
3. ALL WELDS SHALL BE PERFORMED IN ACCORDANCE WITH APPROPRIATE AWS SPECIFICATIONS AND PROCEDURES.
4. ALL STEEL SHALL BE 7 GAGE OR 3/16" THICK.
5. ALL WELDS ON EXPOSED SURFACES SHALL BE DRESSED SO AS TO PROVIDE A PLEASING FINISHED APPEARANCE.
6. THE ENTIRE FRAME SHALL BE HOT DIP ZINC COATED IN ACCORDANCE WITH ASTM A-123.

### CAST IN PLACE CONCRETE NOTES

1. ALL CONCRETE SHALL BE CLASS A, AS DESIGNATED IN SECTION 509 OF THE ODOT SPECIFICATIONS, LATEST EDITION.
2. ALL EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 3/4" UNLESS OTHERWISE NOTED.
3. CLEAR DISTANCES FROM CAST-IN-PLACE CONCRETE SURFACES TO REINFORCING SHALL BE 2" FOR WALLS, 1-1/2" FOR SUPPORTED SLABS, 3" FROM THE BOTTOM OF FOOTINGS AND 2" FROM THE TOP OF SLABS, UNLESS OTHERWISE NOTED.
4. REINFORCING STEEL SHALL MEET ASTM SPECIFICATION A615, GRADE 60.
5. ALL BARS SHALL LAP A MINIMUM OF 30 BAR DIAMETERS OR 18", WHICHEVER IS GREATER, UNLESS OTHERWISE NOTED BY THE ENGINEER.
6. ALL EXPOSED CAST IN PLACE CONCRETE SURFACES SHALL HAVE ALL VOIDS FILLED, BURRS AND FINS REMOVED.
7. ALL JOINTS SHALL BE SEALED WITH AN APPROVED SILICONE SEALANT.
8. MINIMUM CONCRETE COVER OF REINFORCING STEEL SHALL CONFORM TO AMERICAN CONCRETE INSTITUTE STANDARD OR BE 2" FOR EXTERIOR WALL STEEL OR 3" FOR THE BOTTOM FLOOR STEEL.




## SECTION A-A

SCALE: NONE

NOTE:
RCI STRUCTURES W/O MANHOLES SHOULD BE LIMITED TO CASES WHERE A SINGLE INLET IS EXTENDED BEYOND A JUNCTION BOX.

**BASIS OF PAYMENT**

| ITEM NO. | ITEM | UNIT |
|---|---|---|
| 611.06 (G) | INLET, TYPE "RCI 0696 & RCI 1096" | EA. |
| 611.06 (H) | ADDITIONAL DEPTH IN INLET TYPE "RCI 0696 & RCI 1096" | V.F. |

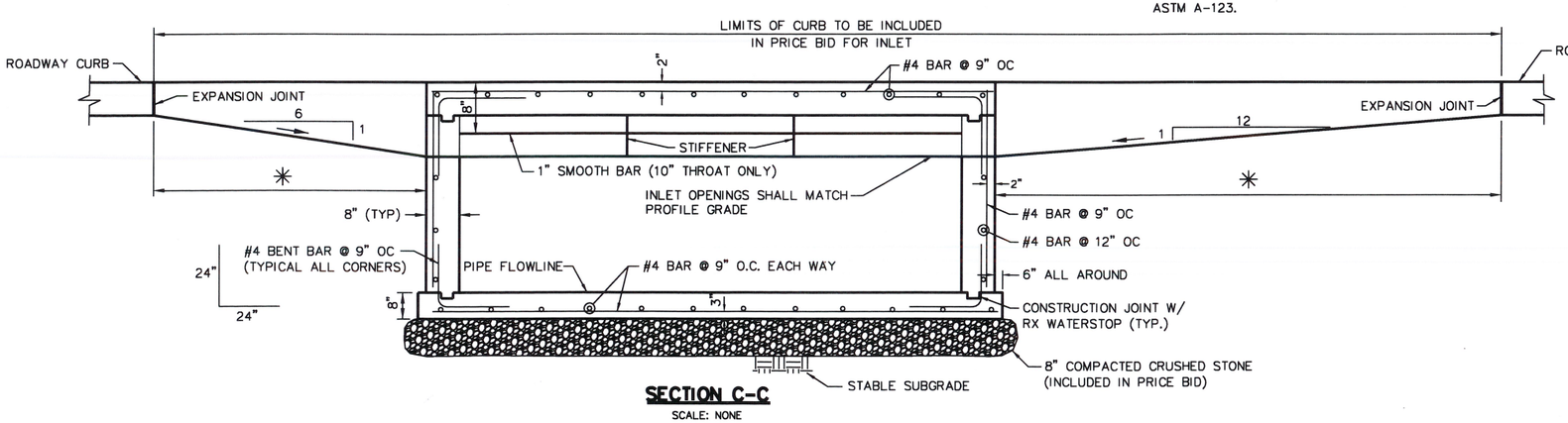
**NOTE:**
DETAIL SHOWN WITH MANHOLE

**RCI 0696 (6" THROAT)**

| | SUMP W/ MANHOLE | | SUMP W/O MANHOLE | | NO SUMP W/ MANHOLE | | NO SUMP W/O MANHOLE | |
|---|---|---|---|---|---|---|---|---|
| | CONC. CY | STL. LBS. | CONC. CY | STL. LBS. | CONC. CY | STL. LBS. | CONC. CY | STL. LBS. |
| STD. DEPTH 3' | 5.3 | 451 | 4 | 268 | 5.6 | 457 | 4.2 | 275 |
| ADD. VERT. FT. | 1.3 | 45 | .8 | 38 | 1.3 | 45 | .8 | 38 |

**RCI 1096 (10" THROAT)**

| | SUMP W/ MANHOLE | | SUMP W/O MANHOLE | | NO SUMP W/ MANHOLE | | NO SUMP W/O MANHOLE | |
|---|---|---|---|---|---|---|---|---|
| | CONC. CY | STL. LBS. | CONC. CY | STL. LBS. | CONC. CY | STL. LBS. | CONC. CY | STL. LBS. |
| STD. DEPTH 3' | 5.7 | 464 | 4.3 | 281 | 6.1 | 477 | 4.7 | 295 |
| ADD. VERT. FT. | 1.3 | 45 | .8 | 38 | 1.3 | 45 | .8 | 38 |




## SECTION C-C

SCALE: NONE

| REVISION | BY | DATE |
|---|---|---|
| | | |
| | | |
| | | |
| | | |

CITY ENGINEER

DESIGN MANAGER

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

RECESSED CURB INLET DETAILS
RCI 0696 - 6" THROAT
RCI 1096 - 10" THROAT

DATE: FEBRUARY 2017 STD. 769B

PATH NAME: /E1 /PARTS/STD/DGN_STDS/769B-RECESSED-CURB-INLET-8FTWIDE.DGN RMO 2/20/2017