PLAN — REINFORCING PLACEMENT
IN TOP OF EXTENSION AND INTAKE

PLAN — REINFORCING PLACEMENT
IN BOTTOM OF EXTENSION AND INTAKE WELL

FILE NO.: 2400-067
APPROVAL DATE: APRIL 2003
REVISION NO.: 1
REVISION DATE: JULY 2010

CEDAR RAPIDS METROPOLITAN AREA
STANDARD DETAILS FOR PUBLIC IMPROVEMENTS
TAPERED INLET CURB INTAKE
SHEET 2 OF 4
NOTES:
1. EXTENSION UNIT MAY BE USED ON EITHER OR BOTH SIDES OF INTAKE. DETAILS ARE SIMILAR WHEN INSTALLATION IS ON SIDE OPPOSITE TO THAT INDICATED HEREON.

2. ALL REINFORCING STEEL SHALL BE NO. 5. LENGTHS REQUIRED WILL VARY DEPENDING ON INDIVIDUAL INSTALLATIONS.

3. FINISH OF INSERT SHALL BE THE SAME AS PAVEMENT. FINISH FOR THE INTAKE TOP OR ANY PORTION EXPOSED SHALL BE AS REQUIRED FOR STRUCTURAL CONCRETE.

4. INSTALL STORM SEWER PIPE BEFORE CONSTRUCTING INTAKE SIDEWALL. SIDEWALLS SHALL BE CONSTRUCTED AS INDICATED WITH OPENINGS FOR STORM SEWER SMOOTHLY SHAPED AND NO INLET PIPE PROJECTING UNNECESSARILY INTO WELL. OUTLET PIPE SHALL NOT PROJECT BEYOND INSIDE FACE OF SIDEWALL.

5. PLACE A CONCRETE FILLET IN THE BOTTOM OF THE INTAKE APPROXIMATELY AS INDICATED OR AS DIRECTED BY THE ENGINEER. SPECIAL SHAPING IS REQUIRED TO PROVIDE A SMOOTH CHANNEL THROUGH THE INTAKE. TOP SURFACE OF THE FILLET SHALL SLOPE 1"/FT (APPROX.) TOWARD THE CHANNEL.

6. JOINTS IN PAVEMENT ADJACENT TO INTAKE SHALL BE AS SHOWN IN THE DRAWINGS. ANY TRANSVERSE PAVEMENT JOINT SHALL STOP AT EDGE OF INSERT AREA (BOXOUT). JOINT LOCATIONS SHALL BE AS INDICATED HEREON, EXCEPT WHEN SPECIFICALLY MODIFIED BY OTHER PLAN DRAWINGS.