SURVEY DETAILS

SUR-1  SURVEY MONUMENT
SUR-2  CONCRETE ENCASED CASTING COLLAR IN ROADWAY
NOTE:
1. LOCATION TO BE DIRECTED AND COORDINATED WITH SURVEY CREW.
2. FRAME & SOLID LID, BOLTED.
3. MATERIAL: CAST GRAY IRON ASTM A-48, CLASS 35B
4. FINISH: NO PAINT
5. WEIGHT: FRAME 83#, LID 24#.
**GENERAL NOTE:**
1. LOCATION TO BE DIRECTED AND COORDINATED WITH SURVEY CREW.
2. FRAME & SOLID LD, BOLTED.
3. MATERIAL: CAST GRAY IRON ASTM A-48, CLASS 35B
4. FINISH: NO PAINT
5. WEIGHT: FRAME 83#/LD 24#.
6. CONCRETE (MIX NO 3552) COLLAR TO ENCASE CASING.
7. CONCRETE COLLAR SHALL BE CIRCULAR LAYOUT. REMOVE PAVEMENT AND BASE WITH ROTATING CUTTING DEVICE.
8. FINISH CONCRETE EDGE WITH 1/4" RADIUS. SEAL JOINT BETWEEN PAVEMENT AND COLLAR.

**CONCRETE ENCASED CASTING COLLAR IN ROADWAY**

**SUR-2**

REVISED/APPROVED 04/05/2019

CITY OF DULUTH STANDARD DETAIL
DEPT. OF PUBLIC WORKS AND UTILITIES

NO SCALE