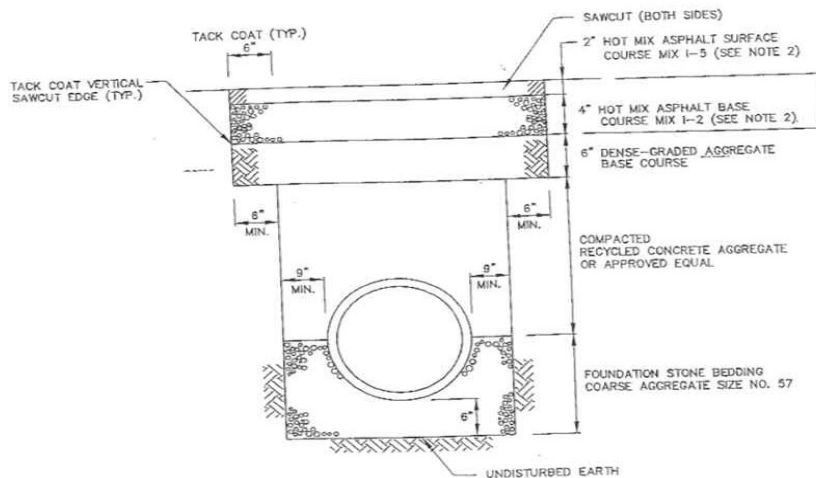


## STREETS AND SIDEWALKS

### 19 Attachment 1

#### STREET OPENINGS (subsection 19-1.6A)

1. All trenches are to be sawcut in accordance with the attached sketch.
2. All excavated material is to be removed from site and properly disposed of by the contractor.
3. All sewer pipes are to be bedded on a minimum of six inches of clean 3/4 inch size gravel.
4. Once the pipe is installed, gravel is to be placed in the trench up to the springline of pipe.
5. After the gravel is installed, the remainder of the trench is to be backfilled with quarry process, DGA, shoulder stone or recycled material. This material is to be placed in lifts, no more than 12 inches thick, and compacted to 95% density. This material is to be used to bring the trench up to the grade of the pavement.
6. Pavement restoration shall be at least equal to the existing pavement including Portland cement concrete. Portland cement concrete road base is to be replaced, in kind, wherever it is encountered with 4,000 psi high early concrete. The concrete is to be reinforced with bars of wire mesh equal to what is found in the existing concrete. The bars or mesh must be tied into the existing bars or mesh with a minimum overlap of six inches on all sides. The concrete is to be properly cured and covered for a minimum of 72 hours before bituminous asphalt is placed.
7. If no Portland cement concrete base is found, a minimum of six inches of stabilized base is to be installed on the trench.
8. All trenches are to be topped with two inches of FABC which is to extend a minimum of six inches beyond the edge of the trench. All edges are to be sealed with a six inch wide tack coat.



GUTTENBERG CODE

**PIPE TRENCH AND PAVEMENT REPAIR  
N.T.S.**

NOTE:

1) THE FOLLOWING ITEMS OF WORK ARE INCLUDED

- RECYCLED CONCRETE AGGREGATE
- FOUNDATION STONE BEDDING
- SAWCUT
- HOT MIX ASPHALT SURFACE COURSE MIX I-5
- HOT MIX ASPHALT BASE COURSE MIX I-2
- DENSE-GRADED AGGREGATE BASE COURSE
- DEWATERING (IF NECESSARY)
- BYPASS PUMPING
- SHEETING (IF NECESSARY)

2) IF REINFORCED CONCRETE

MATCH EXISTING THICKNESS AND REINFORCEMENT DOWEL NEW  
REINFORCEMENT INTO EXISTING (MINIMUM SIX-INCHES IN LENGTH)