



NOTES:

- ① BACKFILL & COMPACT GRANULAR TRENCH BACKFILL (CA-6, GRADE 8 OR APPROVED EQUAL) UNDER STREET PAVEMENT, DRIVEWAYS, AND SIDEWALK.
- ② EXCAVATED MATERIAL MAY BE USED UP TO FINAL GRADE IN NON-PAVED AREAS
- ③ GRAD. NO. CA-7, 8, 11 OR 13 GRAVEL OR LIMESTONE. TO SPRING LINE FOR RIGID PIPE OR 12" ABOVE TOP OF PVC PIPE METHOD 1 COMPACTION PER I.D.O.T. ARTICLE 550.07
- ④ IF ENCOUNTERED, REMOVE UNSUITABLE MATERIALS AND REPLACE WITH 4" OF STONE AS DIRECTED BY THE TESTING AGENCY OR THE VILLAGE ENGINEER
- ⑤ TRENCH SIDES TO BE SLOPED OR SHEETED/SHORED IN ACCORDANCE WITH OSHA REQUIREMENTS.
- ⑥ MAXIMUM TRENCH WIDTH = 18" (1'-6") + O.D. WHEN TRENCH < 5 FEET
= 36" (3'-0") + O.D. WHEN TRENCH > 5 FEET
- ⑦ STREET CROSS SECTION MUST MATCH THE EXISTING ROADWAY OR THE VILLAGE OF WHEELING TYPICAL STREET CROSS SECTION. WHICHEVER IS GREATER.
VILLAGE OF WHEELING TYPICAL STREET CROSS SECTIONS ARE OUTLINED BELOW:
ARTERIAL ROADWAY
-6" AGGREGATE BASE COURSE. CA-6 GRADE 8 OR 9 VIRGIN STONE
-8" HOT MIX ASPHALT BINDER COURSE. IL-19.0, N50. (COMPACTED IN LIFTS)
-0.05 GAL/SY BITUMINOUS MATERIAL PRIME COAT
-2" HOT MIX ASPHALT SURFACE COURSE. MIX "C", N50.
LOCAL ROADWAY
-6" AGGREGATE BASE COURSE. CA-6 GRADE 8 OR 9 VIRGIN STONE
-5" HOT MIX ASPHALT BINDER COURSE. IL-19.0, N50. (COMPACTED IN LIFTS)
-0.05 GAL/SY BITUMINOUS MATERIAL PRIME COAT
-2" HOT MIX ASPHALT SURFACE COURSE. MIX "C", N50.
- ⑧ 6" OF COMPACTED TOP SOIL



VILLAGE OF WHEELING
ENGINEERING DIVISION
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WHEELING, IL 60090
WWW.WHEELINGIL.GOV

**TRENCH BACKFILL
STANDARD**

VILLAGE OF WHEELING
SPECIFICATIONS AND DETAILS

FILE LOCATION

T:\ENGINEERING\STANDARDS

REVISIONS

S.W.	9-18-01 PER COMMENTS
S.W.	11-19-04 NO POLY WRAP
C.J.C.	01-20-08 AUTOCAD FILE
K.A.G.	03-07-17 STREET SECTIONS
K.A.G.	1-08-18 BACKFILL MATERIAL

DETAIL NO.

UTL-1