



#### 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 PAYABLE 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
- ⑨ SAW CUT BACK 12" FROM TRENCH LIMITS TO PROVIDE CONTINUOUS BUTT JOINT PRIOR TO PAVING.



VILLAGE OF WHEELING  
ENGINEERING DIVISION  
2 COMMUNITY BOULEVARD  
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## TRENCH BACKFILL STANDARD

VILLAGE OF WHEELING  
SPECIFICATIONS AND DETAILS

FILE LOCATION

T:\ENGINEERING\STANDARDS

#### REVISIONS

S.W.	REVISIONS
11-19-04	NO POLY WRAP
01-20-08	AUTOCAD FILE
03-07-17	STREET SECTIONS
1-08-18	BACKFILL MATERIAL
1-21-20	ADDED NOTE 9

DETAIL NO.

UTL-1