



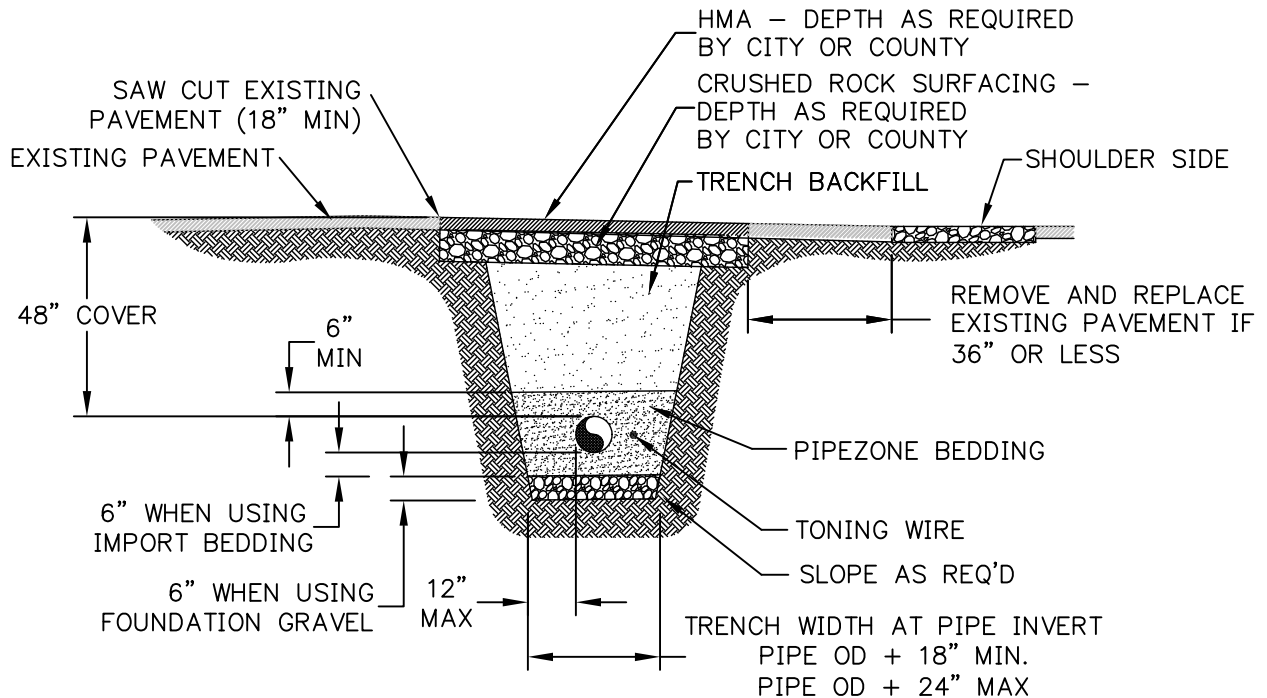
Originator: **RCS**

Standards Approval:  
**Ron Slabaugh**

Date: **3/12/2019**

Rev #: Revision Description:

**4 2019 UPDATES**



WATER MAIN NOTES:

1. IMPORT CRUSHED ROCK SURFACING SHALL CONFORM TO WSDOT 9-.03.9(3) CRUSHED SURFACING.
2. NATIVE MATERIAL FOR TRENCH BACKFILL SHALL CONFORM TO WSDOT 9-.03.14(2) SELECT BORROW. CRUSHED ROCK SURFACING FOR TRENCH BACKFILL MAY BE REQUIRED BY THE DISTRICT IF NATIVE MATERIAL IS UNACCEPTABLE.
3. PIPE ZONE BEDDING SHALL BE IMPORT MATERIAL CONFORMING TO WSDOT 9-.03.12(3) GRAVEL BACKFILL FOR PIPE ZONE BEDDING, EXCEPT NO MORE THAN 5% SHALL PASS THE 200 SIEVE.
4. POLYETHYLENE ENCASUREMENT OF DUCTILE IRON PIPE MAY BE REQUIRED.
5. TONING WIRE SHALL BE INSTALLED.
6. OVEREXCAVATION OF TRENCH BOTTOM TO 6-INCHES BELOW PIPE INVERT IS REQUIRED WHEN USING IMPORT PIPE BEDDING. ADDITIONAL 6-INCH OVEREXCAVATION REQUIRED WHEN USING FOUNDATION GRAVEL IN ACCORDANCE WITH CONSTRUCTION NOTES.
7. TEMPORARY PATCH MAY BE REQUIRED BY THE CITY OR COUNTY FOR ALL OPEN TRENCH WORK THAT HAS NOT RECEIVED FINAL PAVEMENT. WHEN REQUIRED, TRENCH CUTS SHALL BE COVERED WITH STEEL PLATING, HMA, OR COLD MIX ASPHALT UNTIL FINAL PAVEMENT APPLICATION.

SERVICE LINE NOTES:

- A. INSTALLATION OF TRACER WIRE IS REQUIRED FOR ALL SERVICE LINES. TRACER WIRE SHALL BE SECURED TO SERVICE LINE BY ELECTRICAL TAPE OR INDUSTRIAL ZIP-TIES AT 3-FOOT INTERVALS AND WRAPPED AROUND SERVICE SADDLE TWICE BEFORE CONNECTING TO SERVICE SADDLE ROD WITH 5/8" GROUND ROD CLAMP. TRACER WIRE SHALL BE EXTENDED INTO THE CHAMBER AND COILED WITH MINIMUM 6 FT. EXCESS.
- B. WHEN MULTIPLE CHAMBERS ARE TO BE LOCATED SIDE BY SIDE, SERVICE LINES MAY BE INSTALLED IN SAME TRENCH WITH 2- FEET MINIMUM SEPARATION.
- C. PIPE ZONE BEDDING SHALL BE IMPORT MATERIAL CONFORMING TO WSDOT 9-.03.12(3) GRAVEL BACKFILL FOR PIPE ZONE BEDDING, EXCEPT NO MORE THAN 5% SHALL PASS THE 200 SIEVE.