



NOTES:

- TRENCH WIDTH:
MINIMUM: PIPE O.D. + 24" (12" EACH SIDE OF PIPE).
MAXIMUM: 36" FOR 12"Ø PIPE AND SMALLER.
48" FOR PIPE LARGER THAN 12"Ø.
THE NEAT-LINE PAYMENT LIMITS FOR TRENCH BACKFILL MATERIALS SHALL BE BASED UPON THE ACTUAL TRENCH WIDTH WITHIN THE MAXIMUM ALLOWED.
- NATIVE MATERIAL, IF ALLOWED FOR TRENCH BACKFILL, SHALL MEET THE REQUIREMENTS OF SELECT BORROW PER THE SPECIFICATIONS. TRENCH BACKFILL SHALL BE COMPACTED TO A MINIMUM OF NINETY-FIVE PERCENT (95%) OF MODIFIED PROCTOR IN THE RIGHT-OF-WAY AND IMPROVED EASEMENTS AND TO NINETY PERCENT (90%) IN UNIMPROVED EASEMENT AREAS. SEE THE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- NATIVE MATERIAL WILL NOT BE ALLOWED AS PIPE BEDDING.
- THE NEAT-LINE LIMITS SHOWN WILL BE USED TO CALCULATE THE MAXIMUM QUANTITY OF TRENCH BACKFILL AND SURFACE RESTORATION MATERIALS ALLOWED. PAYMENT FOR BEDDING GRAVEL WILL BE CONSIDERED INCIDENTAL TO PAYMENT MADE FOR PIPE. PAYMENT FOR FOUNDATION ROCK WILL BE BASED UPON THE QUANTITIES USED AS DIRECTED BY THE DISTRICT. ADDITIONAL TRENCH WIDTH IS ALLOWED AT FITTINGS AND THRUSTBLOCKS. SEE THE CONTRACT DOCUMENTS FOR ADDITIONAL INFORMATION.
- RECYCLED CONCRETE WILL NOT BE ALLOWED AS PIPE BEDDING OR TRENCH BACKFILL.
- TRACER WIRE TO BE SECURED TO THE TOP OF THE PIPE USING TAPE OR WIRE TIES. LOOSE TRACER WIRE OR TRACER WIRE SECURED TO SIDE OF PIPE IS NOT ALLOWED.

TYPICAL TRENCH SECTION & PAYMENT LIMITS

NOT TO SCALE

DETAIL APPROVALS

EDITOR TMC

ENG. DIR. CF

NORTHSHORE UTILITY DISTRICT

2025 STANDARD WATER DETAILS

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LAST UPDATED
MAY 2025