



#### NOTES:

1. 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.
2. 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.
3. 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. SEE THE CONTRACT DOCUMENTS FOR ADDITIONAL INFORMATION.
4. RECYCLED CONCRETE WILL NOT BE ALLOWED AS PIPE BEDDING OR TRENCH BACKFILL FOR D.I. PIPE.
5. D.I. PIPE MAY REQUIRE CATHODIC PROTECTION DUE TO SOIL AND SITE CONDITIONS AS DETERMINED BY THE DISTRICT.

## **TYPICAL TRENCH SECTION & PAYMENT LIMITS**

NOT TO SCALE

#### **DETAIL APPROVALS**

**EDITOR** TMC

**ENG. DIR.** CF

## **NORTHSHORE UTILITY DISTRICT**

### **2025 STANDARD SEWER DETAILS**

**11**

LAST UPDATED  
MAY 2025