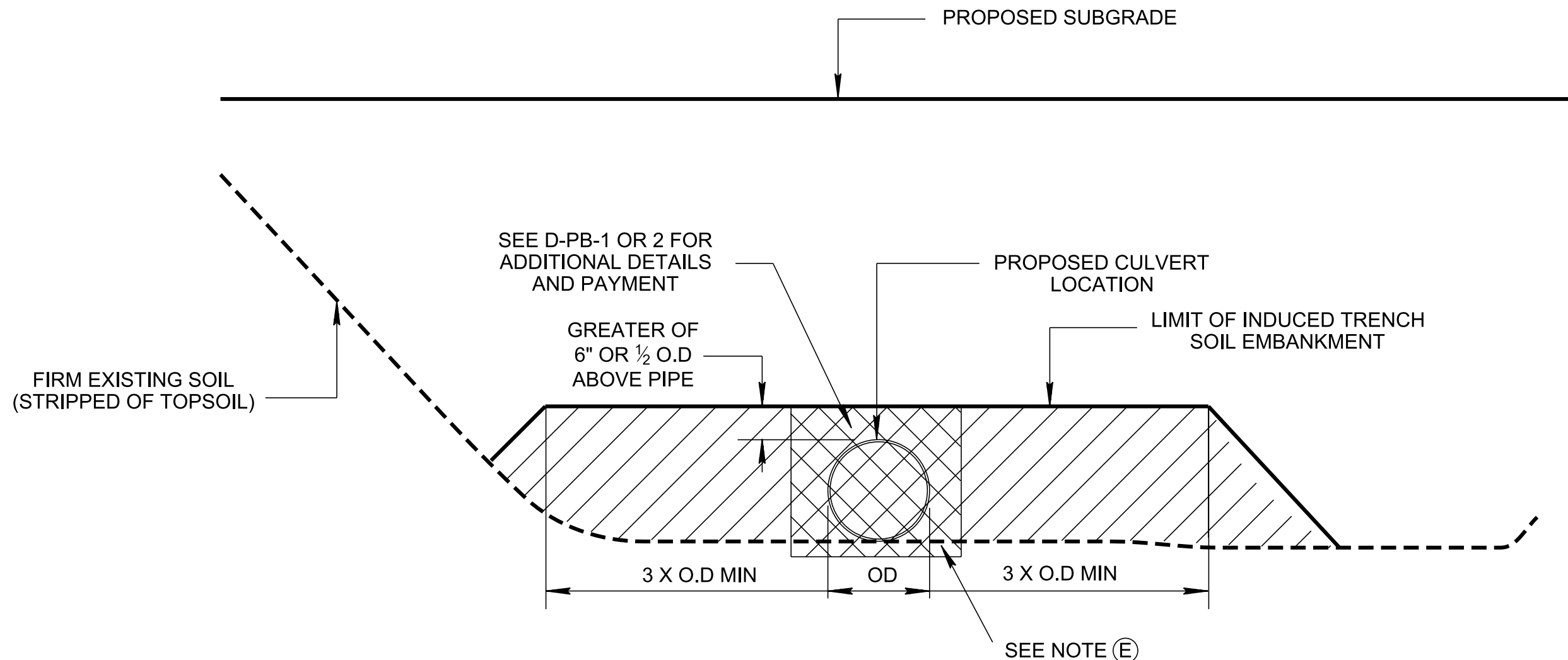


PLAN VIEW

TO BE USED FOR PIPE CULVERT INSTALLATION IN FILL AREAS



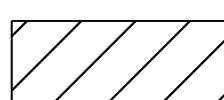

SECTION A-A

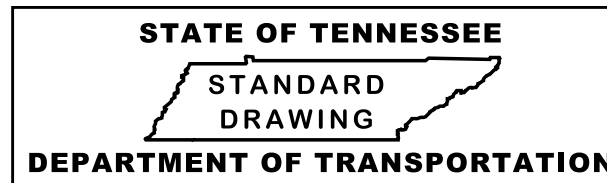
GENERAL NOTES

- (A) INDUCED TRENCH DETAIL MAY BE USED WHEN IN SITU SOIL IS FOUND UNACCEPTABLE OR NO TRENCH EXISTS, SUCH AS OVERFLOW PIPE INSTALLATION AND WILDLIFE CROSSING.
- (B) IF FIRM EXISTING SOIL IS FOUND WITHIN THE EMBANKMENT ZONE IT SHALL BE LEFT IN PLACE.
- (C) FILL FOR THE INDUCED TRENCH TO BE TO A MINIMUM DEPTH OF THE GREATER OF 6" OR 1/2 OD OVER THE PIPE.
- (D) SOIL EMBANKMENT SHALL BE COMPACTED TO MEET SUBGRADE COMPACTION REQUIREMENTS IN STANDARD SPECIFICATION 207.04.
- (E) ONCE SOIL EMBANKMENT IS PLACED AND COMPACTED AS SHOWN, STANDARD DETAILS FOR CONCRETE OR FLEXIBLE PIPE STANDARDS SHALL BE FOLLOWED TO COMPLETE THE INSTALLATION.
- (F) **PAYMENT:**
 SOIL THAT IS EXCAVATED FOR PIPE INSTALLATION WILL BE INCLUDED IN THE COST OF THE PIPE.
 SOIL EMBANKMENT THAT IS TO REMAIN IN PLACE WILL BE PAID FOR IN ITEM NO. 203-01 ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED) PER C.Y.

PIPE FILL MINIMUM COVER DEPTHS, DURING CONSTRUCTION FOR INDICATED AXLE LOADS, (IN.)				
NOMINAL PIPE DIA. FT	18.0-50.0 KIP	50.0-75.0 KIP	75.0-110.0 KIP	110.0-150.0 KIP
2.0-3.0	24.0	30.0	36.0	36.0
3.5-4.0	36.0	36.0	42.0	48.0
4.5-5.0	36.0	36.0	42.0	48.0

(AASHTO LRFD BRIDGE CONSTRUCTION SPECIFICATIONS CURRENT EDITION, SECTION 30)

 SOIL EMBANKMENT
 AREA TO BE EXCAVATED FOR TRENCH AS SHOWN ON D-PB-1 (CONCRETE) OR D-PB-2 (FLEXIBLE)



INDUCED TRENCH SOIL EMBANKMENT FOR PIPE CULVERT INSTALLATION