



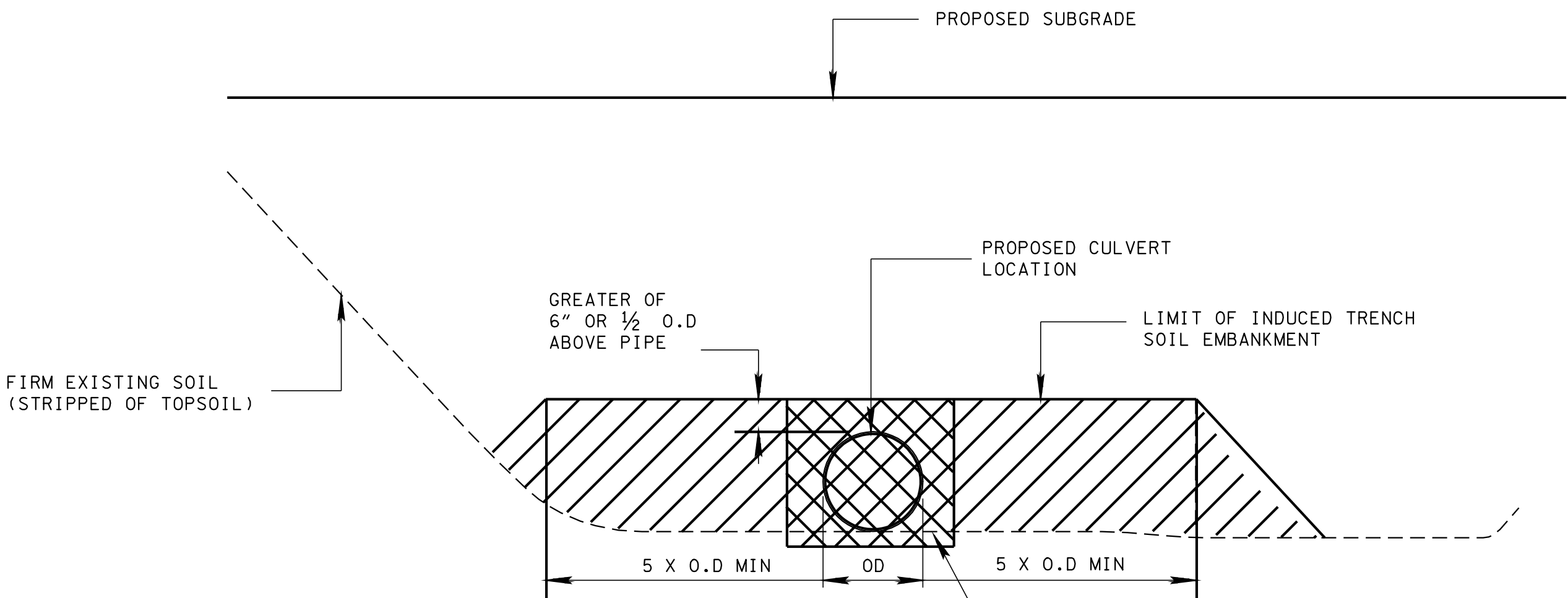
PLAN VIEW

TO BE USED FOR PIPE CULVERT INSTALLATION IN FILL AREAS

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, SECTION 30)

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



SECTION A-A

NOTES

- (A) INDUCED TRENCH DETAIL MAY BE USED WHEN INSITU SOIL IS FOUND UNACCEPTABLE OR NO TRENCH EXISTS.
- (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 MIN 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 EMBANKMENT THAT IS TO REMAIN IN PLACE WILL BE PAID FOR IN ITEM NO.203-01.
SOIL THAT IS EXCAVATED FOR PIPE INSTALLATION WILL BE INCLUDED IN THE COST OF THE PIPE.

☐ MINOR REVISION -- FHWA
APPROVAL NOT REQUIRED.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

INDUCED TRENCH
SOIL EMBANKMENT
FOR PIPE CULVERT
INSTALLATION

1-2-13

D-PB-3