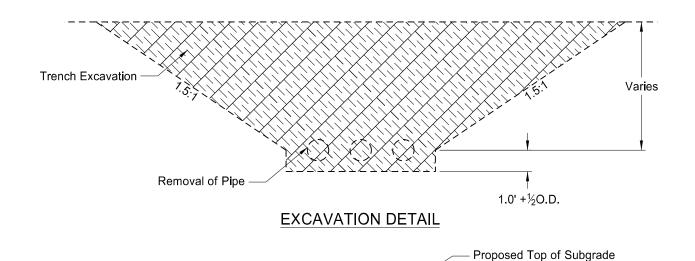
TRANSVERSE MAINLINE PIPE INSTALLATION DETAIL MULTIPLE PIPES MORE THAN 4 FEET BELOW TOP OF SUBGRADE

Greater

Than 4'

Measured Varies at \mathbb{Q}

Embankment (Concrete) or Aggregate Base Course Cl3 or Cl 5 (Metal and Plastic)



Embankment

Pipe

(A) See Table

Pay Items 1) Pipe*

- 2) Geosynthetic Material Type G3) Removal of Pipe (if required)
- *Included in Pipe Pay Items
- 1) Pipe 2) Trench Excavation
- 3) Aggregate Base Course Cl 3 or Cl 5 4) Embankment

NOTES:

- 1) This drawing applies to new/replaced mainline and paved intersection roadways (including ramps). It does not include pipes in approaches.
- 2) Embankment may be either Borrow Excavation or Common Excavation Type A.

Backfill Dimensions	
Pipe Materials	Dimension (A)
Concrete	0.5 O.D.
Metal and Plastic	0.5 O.D. + 1 Foot

