EXCAVATION DETAIL

Top of Proposed Subgrade

 Aggregate Base Course Cl 3 or Cl 5

15' Geosynthetic Material Type R1

1.5' Less Than 4' Measured at 

Geosynthetic Material Type R1

Pipes - See Note 2

INSTALLATION DETAIL

Embankment or Aggregate Base Course Cl 3 or Cl 5

Top of Proposed Subgrade

Geosynthetic Material Type R1

Aggregate Base Course Cl 3 or Cl 5

6' Max

CROSS SECTION

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

Pay Items
1) Pipe
2) Geosynthetic Material Type R1
3) Removal of Pipe (if required)

*Included in Pipe Pay Item
1) Pipe
2) Trench Excavation
3) Aggregate Base Course Cl 3 or Cl 5
4) Embankment