

TYPICAL TRENCH SECTION

SECONDARY BACKFILL

Under or within 5' of pavement backfill shall be in accordance with the agency issuing the permit. If no permit is required full depth #53 stone compacted in six inch (6") lifts must be used. In unimproved areas backfill may be the same materials as excavated if it is good native material, but may contain no stone larger than six inches (6") in its greatest dimension.

Repair surface as indicated in the Special Conditions.

ROADWAY
2" MIN. ASPHALT

ROADWAY
7" MIN. CONCRETE

MONROE COUNTY SPEC.
UTILITY LINES IN ROADWAY SHALL BE FILLED WITH FLOWABLE FILL UP TO 9" BELOW SURFACE GRADE THEN 7" OF CONCRETE THEN 2" OF ASPHALT

TRENCH BANKS

Where necessary, banks may be cut back on slopes which shall not extend lower than 12 inches above the top of pipe.

TRENCH WALL

Shall be 7" minimum from the pipe each side.

PIPE BEDDING

4" No. 11 stone on soil
6" No. 11 stone on rock

Bedding shall conform to ASTM D-2321, Class 1, and shall be no. 11 crushed stone. All over-excavation shall be filled with no. 11 crushed stone or Class D concrete.

PRIMARY BACKFILL

Backfill to 12" above top of pipe with no. 11 stone.

PVC PIPE

Shovel cut and compact backfill beneath the haunch area of the pipe.

TRENCH SAFETY SYSTEMS

All trench work shall be in compliance with OSHA Part 26 of the Code of Federal Regulations.

EXCAVATION DEPTH

When pipe grades are not defined on the contract drawings, maintain a minimum of 48 inches of cover over the top of the pipe except as otherwise ordered by the Engineer.

Revised 5/14/2019
Revised 2/11/2011
Revised 2/13/2008

**BEDDING AND BACKFILL DETAIL
FOR
RIGID, PVC AND HDPE PIPE**

STANDARD
DETAIL
NUMBER

11

NO SCALE
10/5/98