



$$W = \text{O.D. of pipe} + 12'' \text{ Min. at both sides of pipe}$$

**BACKFILL OPTION**

1. COMPACTED AND STABILIZED FILL
  - A. Place backfill material in accordance with FDOT Specification 125.
  - B. In Stage #1, construct compacted fill beneath the haunches of the pipe, using mechanical tamps suitable for this purpose. This compaction applies to the material placed beneath the haunches of the pipe and above any bedding.
  - C. In Stage #2, construct compacted fill along the sides of the pipe and up to the bottom of the base, with the upper 12" receiving Type B Stabilization. In lieu of Type B Stabilization, the Contractor may construct using FDOT Optional Base Group 3.
2. FLOWABLE FILL
  - A. If compaction can not be achieved through normal mechanical methods then flowable fill may be used.
  - B. Flowable fill is to be placed in accordance with Section 121 of the FDOT Specifications, as approved by the Engineer.
  - C. Do not allow the utility being installed to float. If a method is provided to prevent flotation from occurring, Stages #1 and #2 can be combined, if approved by the Engineer.
  - D. In Stage #1, place flowable fill midway up on both sides of the utility. Allow to harden before placing Stage #2.
  - E. In Stage #2, place flowable fill to the bottom of the existing base course.

**Notes:**

1. Final restoration, the road shall be milled/resurfaced at min of 1" for full lane width of the travel lane(s) encroached by the trench area, including a transition area of 50 ft. on each side of the trench.
2. All pavement sections to be constructed per Standard Detail GC-4. Option to be designated by City Traffic Engineer or his/her designee.
3. Re-striping must be thermoplastic and match existing striping or as directed by the City Traffic Engineer or his/her designee.
4. For roads not under City of West Palm Beach jurisdiction, the appropriate road authority standards shall take precedence over the City standards. Refer to Florida Department of Transportation (FDOT), Palm Beach County or Town of Palm Beach standards, as appropriate.

LATEST REVISION 2019	GENERAL CONSTRUCTION - TRENCH-BACKFILL-PAVEMENT RESTORATION	STANDARD DETAIL
	CITY OF WEST PALM BEACH - ENGINEERING SERVICES	GC-8