

17-2.08 Structure Backfill

17-2.08(01) Structure-Backfill Types

Structure backfill has been subdivided into types. Each type should be specified as described below.

1. Type 1. This type should be specified for a location as follows:
 - a. longitudinal or transverse structure placed under, or within 5 ft of, the back of paved shoulder or back of sidewalk of a new rural or urban facility, or
 - b. such a structure for an existing rural facility where all existing pavement is to be replaced.
2. Type 2. This type should be specified for a location as follows:
 - a. longitudinal or transverse structure placed under, or within 5 ft of, the back of paved shoulder or back of sidewalk for an existing urban facility where all existing pavement is to be replaced;
 - b. longitudinal or transverse structure placed under, or within 5 ft of, the back of paved shoulder or back of sidewalk for a rural or urban facility where undisturbed existing pavement is to remain; or
 - c. precast-concrete three-sided or four-sided structure with height of cover of 2 ft or greater.
3. Type 3. This type should be specified for use behind a mechanically-stabilized-earth retaining wall.
4. Type 4. This type should be specified for a location as follows:
 - a. trench where a utility line is present; or
 - b. behind a reinforced-concrete slab-bridge end bent.
5. Type 5. This type should be specified for a location as follows:

- a. precast-concrete three-sided or four-sided structure with height of cover of less than 2 ft;
- b. filling voids in an underground facility;
- c. filling in an abandoned pipe or structure; or
- d. other application that does not require excavation.