



Trenching, Backfill and Compaction

REFERENCES

- U.S. Department of Labor, Occupational Safety and Health Administration.
- Alabama Department of Transportation Standard Specifications for Highway Construction, latest edition.

Environmental Requirements

- The Contractor shall maintain all drainage ways, gutters, etc. at all times. Any eroded or washed material that enters pipe, ditches, or streams shall be removed by the Contractor at his own expense.
- The Contractor shall provide erosion control as required to protect from drainage to surrounding and downstream areas.
- All areas damaged as a result of erosion shall be repaired to a condition equal or better than the condition prior to construction, as determined by the Owner or Engineer.

Select Backfill

Select backfill where specified or required shall be crushed limestone. Crushed stone shall meet or exceed the requirements of the Alabama Department of Transportation Standard Specifications for Highway Construction, latest edition Section 801, No. 57.

Standard Backfill

Standard backfill shall consist of native soils free of large rocks, boulders, and other deleterious substances. No separate payment shall be made for this type of backfill.

Bedding

Class "1" Bedding shall be ALDOT Section 801 No. 57 crushed limestone. Where deemed appropriate by the Engineer, the Contractor shall utilize a different stone gradation, as specified by the Engineer, at no additional cost to the Owner.

Class "2" Bedding shall be reinforced concrete 3000 psi design mix.

Unless specified on the drawings or required by the Engineer, pipe shall be bedded in native soil (Class "3"). No separate payment shall be made for this type of bedding.

Plants and Trees

Plants and trees shall not be removed unless directed by the Engineer.



Trench Foundation

The trench foundation shall be ALDOT 801 No. 57 crushed limestone or as approved by the Engineer or as shown on the plans.

Adjacent Property

The Contractor shall confine his operations to the rights-of-ways and/or easements designated. Any damage to the rights-of-ways, easements, or adjacent property shall be repaired by the Contractor at no additional cost to the Owner.

Private Drives and Sidewalks

- The Contractor shall keep all private drives and sidewalks open and accessible at all times.
- All streets and public roads shall be kept open and accessible to emergency vehicles at all times.

Existing Underground Utilities

It is the responsibility of the contractor to contact all utilities; City of Tuscaloosa, the University, utility locators such as MISS-ALL, and Comcast Cable, 72 hours before any underground work can begin.

The Contractor shall protect all existing utilities during the trenching operation. The Contractor shall cooperate fully with the utility's requests for temporary and permanent supports during the trenching operation and shall furnish and install supports at the Contractor's expense.