

**CONSTRUCTION SPECIFICATIONS**

## NATURAL RESOURCES CONSERVATION SERVICE

**PIPELINE****Placement**

Install pipelines so that they are protected against hazards imposed by traffic, farm operations, freezing temperatures, or soil cracking. Provide other means of protection if the depth required for protection is impracticable because of shallow soils over rock or for other reasons. Avoid abrupt changes in grade to prevent rupture of the pipe.

Install plastic pipelines in trenches that are free of rocks and other sharp-edged materials, and carefully place the pipe to prevent damage.

Plastic pipelines may be placed by plow-in equipment if soils are suitable, rocks and boulders will not damage the pipe and a minimum depth of cover of 2 feet can be obtained.

**Backfilling**

Complete all backfilling before the line is placed in service. For plastic or copper pipe, use selected material that is free of rocks or other sharp-edged material that can damage the pipe for the initial backfill. Avoid deformation or displacement of the pipe during backfilling.

Plastic pipelines installed by the plow-in method require surface compaction and shaping in addition to the normal plow-in operations.

Complete installation and backfilling in a workmanlike manner. Make provisions for stabilizing disturbed areas and controlling erosion, as necessary.

**Safety**

Call the Call Before You Dig Hotline at 800-282-7411 before beginning installation.