

PIPELINE CONSTRUCTION PROCESS



1.



Setting up Proper Traffic Control Measures approved by local authority and abiding by NCDOT regulations. Will also install appropriate sediment and erosion control measures.

2.



Digging trench to specified depth (4' typical) for pipe placement.

3.



"Installing" pipeline section into the trench.

4.



Welding steel pipe together. Welds are then radiographically inspected (x-rayed) to assure pipe joints have been welded in accordance with project specifications.

5.



Pipe is lowered into trench. Trench is clear of rocks and debris.

6.



Trench is backfilled and a temporary asphalt patch is added while ensuring pipeline is protected from rocks or debris.

7.



Pipeline is pressure tested to assure no defects exist. After the test, the pipeline is dried and cleaned.

8.



The final phase, cleanup and restoration, involves removing construction material, installing a final layer of asphalt and restoring the area.