

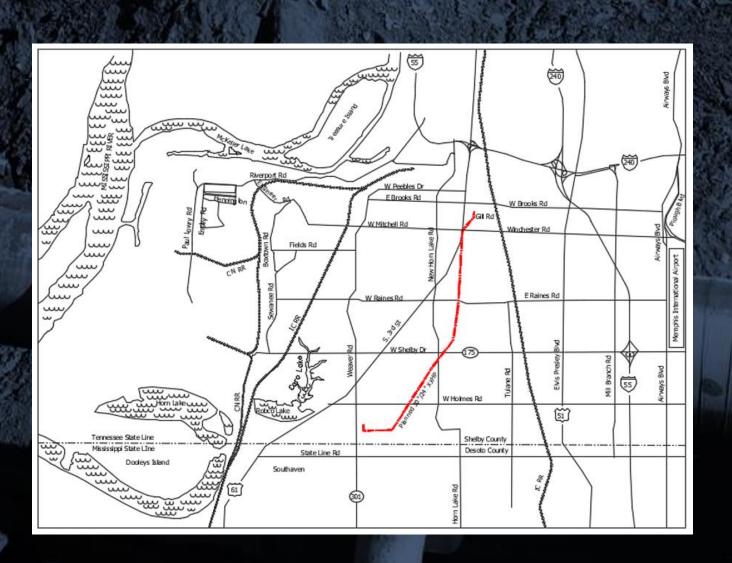
#### **Justification and Benefits**

- Replaces 96 and 85-year-old pipelines
- Enhanced safety
- Improved reliability
- Ensures adherence to Federal and State regulations

#### Contract 12500 - 18" XHP Pipeline Replacements from Weaver Gate Station to Gill Road

#### **Overview:**

- 30"/24" STEEL XHP PIPELINE ROUTE
- 5.4 MILES FROM WEAVER GATE STATION to GILL ROAD
- 300 PSIG MAOP
- RE-CLASSIFICATION FROM TRANSMISSION TO HIGH-PRESSURE DISTRIBUTION
- TIE-INS TO FOUR (4) REGULATOR
   STATIONS ALONG ROUTE



#### **August Construction Update:**

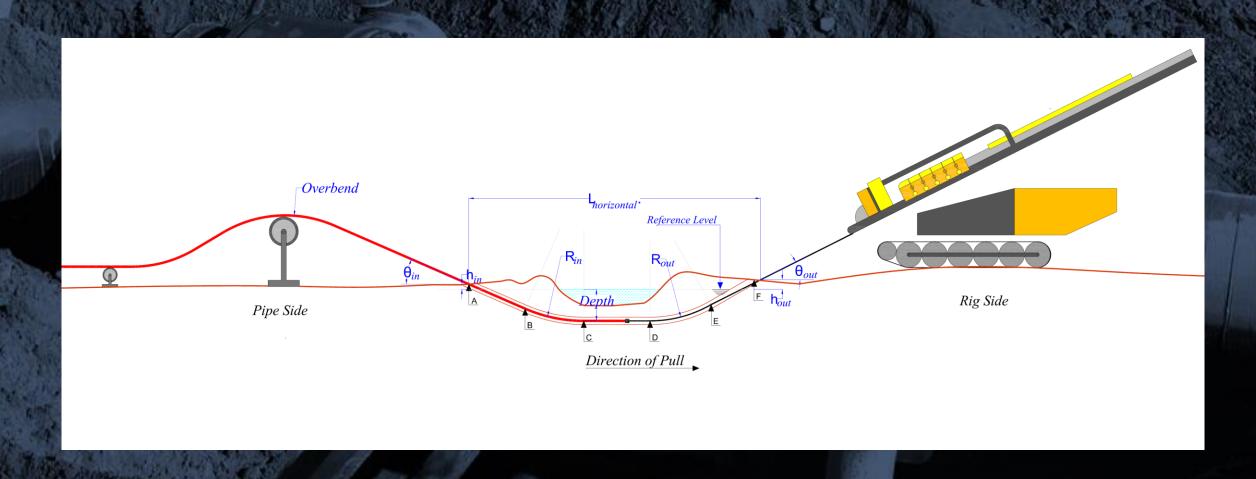
- No gas service to customers has been interrupted.
- Construction is approximately 60% complete.
- Every area on the 5.4-mile route has been touched by construction.
- 100% of material has been received.
- Construction still on track for October 1 completion.

Projected Project Cost: \$37,303,348.39

Changes in Scope: \$5,929,830.94 - Not to exceed

- On site design changes required to minimize customer impact:
  - Increased bore lengths and reduced trenching.
  - Required sections of existing pipe to be removed vs. abandoned in-place. Allowed for use of existing easements to install the new pipe and mitigate impact to customers.
- Additional wooden mats were required to support heavy equipment in areas impacted by this year's rain events.

What is a bore?





#### Construction Conditions Bore Equipment





Construction Conditions
Bore Equipment







#### Construction Conditions Bore Equipment

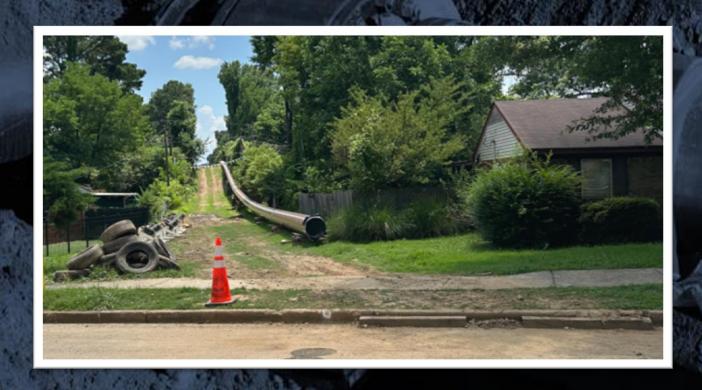






#### **Construction Conditions**

Proximity to businesses and homes





#### **Construction Conditions**

Proximity to homes



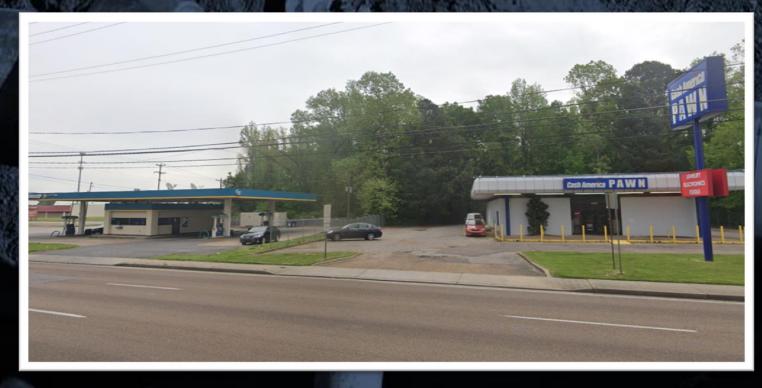


#### **Construction Conditions**

Increased bore lengths

These properties would have be impacted by the bore equipment and operations





#### **Construction Conditions**

Combined 3 separate bores into 1 long Bore Minimizing customer impacts





#### **Construction Conditions**

Combined 3 separate bores into 1 long Bore
These properties would have be impacted by the bore equipment and operations





#### **Construction Conditions**

Combined bores
Minimizing customer impacts

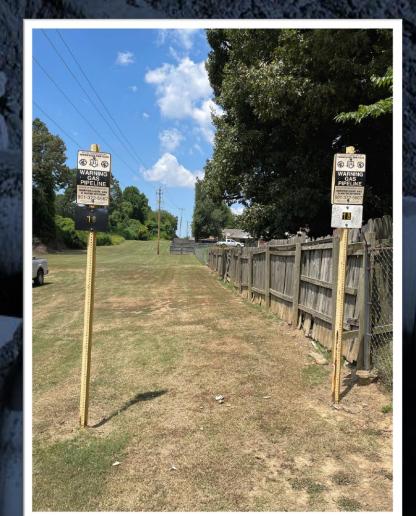




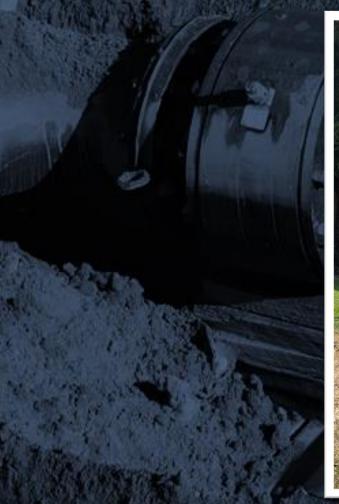
#### **Construction Conditions**

Combined bores





#### **Construction Conditions**





#### **Construction Conditions**

Additional wooden mats required for equipment





#### **Construction Conditions:**

Abandoned Pipe Removal – Asbestos coating abatement at Emerald Way



#### Communication to impacted customers / general public:

- 1. Letters to impacted customers
- 2. Door hangers when working in the neighborhood
- 3. Community Meetings
- 4. Press releases
- 5. Social Media Posts
- 6. Website featuring map and FAQ
- 7. Regular Board of Commissioner and City Council progress updates
- 8. Keeping employees apprised through internal publications/applications



