

MGT Eastern Extension Project

Open House
Display Boards

Midwestern Gas Transmission - Eastern Extension Project

General Project Description

- Length: 30 miles
- Pipe Size: 16-inch outer diameter, .250-inch wall
- Capacity: 120 million cubic feet per day
- Customer: Piedmont Natural Gas Company
- Interconnects:
 - Columbia Gulf Transmission Company
 - East Tennessee Natural Gas Company
- Opens new corridors of natural gas transportation between Chicago and growing Southeast and Mid-Atlantic markets

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Proposed Project Timeline

Acquisition of Survey Permissions	On-going
Conduct Agency and Open House Meetings	November 2004
Civil Survey/ROW Staking (Centerline & Boundary)	December 2004
Conduct Environmental & Cultural Survey	December 2004-February 2005
Begin Acquisition of Easements	December 2004
Finalize Environmental Reports and Documentation	April 2005
Submit Application to the FERC	May 2005
Receive FERC Certificate	November 2005
Begin Construction	June 2006
Project In-Service	November 2006

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SURVEY ACTIVITIES

- Permission to survey to be acquired from landowners
- Survey crews will walk on land
- Survey crews will cut brush or weeds in path to allow line of sight; compensation paid for any damages
- Survey crews will drive stakes to identify proposed pipeline route
- Survey crews will walk through for environmental, biological and archeological review and may take shallow soil samples
- Survey crews may take soil corings near major water crossings or at proposed meter sites

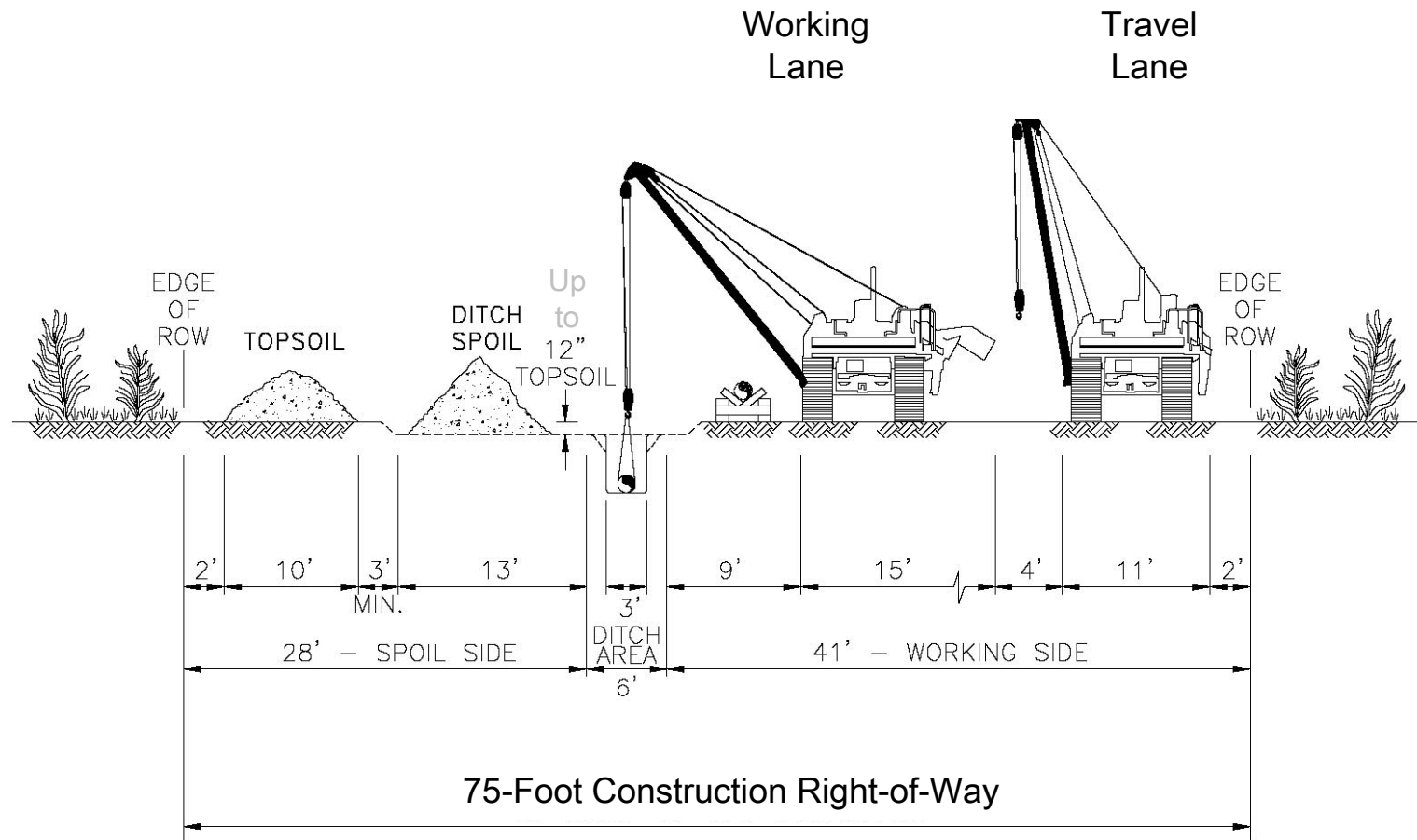
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ENVIRONMENTAL ACTIVITIES

- MGT will obtain all applicable permits
- Lead federal agency is the Federal Energy Regulatory Commission (FERC)
- Biological surveys conducted for wetlands and threatened and endangered species
- Review of known historic resources
- Perform archeological and cultural resource surveys

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Typical Right-of-Way Cross-Section



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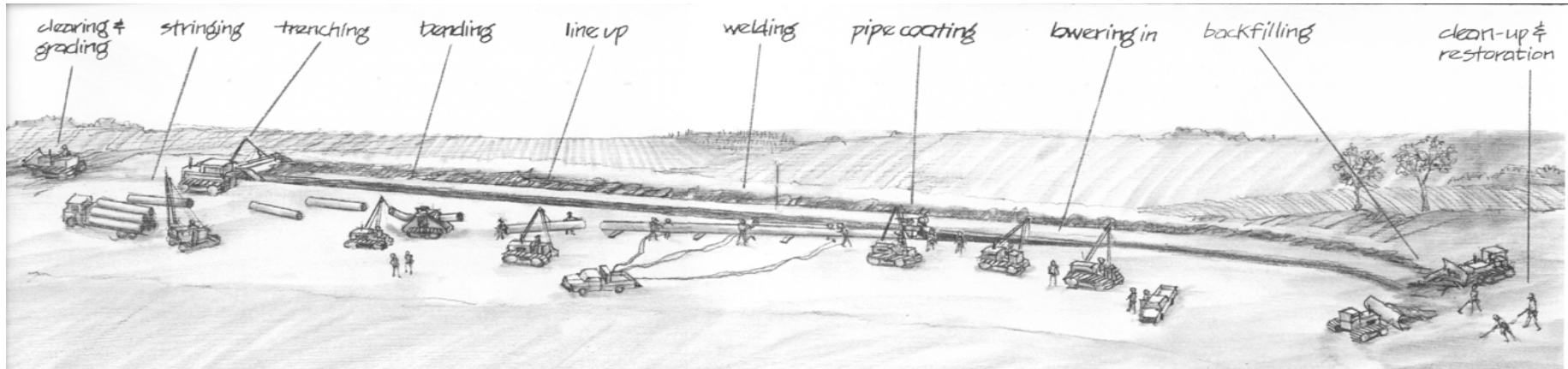
RIGHT-OF-WAY

- Permanent 50-foot-wide right-of-way. Typically 25-feet either side of pipeline
- Temporary workspace during construction of 25 feet to 50 feet wide; additional extra work space may be required at road, railroad and water body crossings or because of soil conditions
- Property adjacent to right-of-way may be required for access
- MGT will compensate landowners for any damages caused by construction of pipeline
- Restore (as near as practical)
 - Original contours
 - Drainage and irrigation systems
 - Soil conservation structures
 - Fencing
- Agricultural activities may resume following completion of construction activities
- Within the confines of the permanent easement area, the landowner may not:
 - Install permanent buildings or structures
 - Plant any trees or shrubs that interfere with the safe operation of pipeline
 - Impound water

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CONSTRUCTION ACTIVITIES

- Construction work area cleared and graded
- Temporary fences and gates installed as required
- Ditch is excavated. Topsoil will be segregated in accordance with regulations
- Pipe is bent and welded to form continuous sections
- Joint girth welds are x-rayed and pipe is coated; pipe is then lowered into ditch
- Drain tiles are permanently repaired. Trench is backfilled
- Minimum of 36 inches of cover over pipeline in accordance with federal regulations (24 inches in rock)
- Pipeline is hydrostatically pressure-tested in accordance with Department of Transportation safety requirements
- Property is restored to as near pre-construction condition as practicable



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OPERATIONS/SAFETY

- Design and installation will fully comply with all applicable safety regulations
- Pipeline will be externally coated and cathodically protected to minimize corrosion
- Skilled operating work force. MGT has been operating since 1959
- Comprehensive operating procedures and safety plans are in place
- Pipeline system is routinely patrolled by air and ground personnel
- Regular contact with landowners, tenants, contractors and local officials throughout the operating life of the facilities
 - *Call Before You Dig* program handled in conjunction with Tennessee One-Call Program
 - Pipeline marked by signs at road crossings and cross fences as required