

KEYHOLE PRESENTATION

Bryan Rotenberry

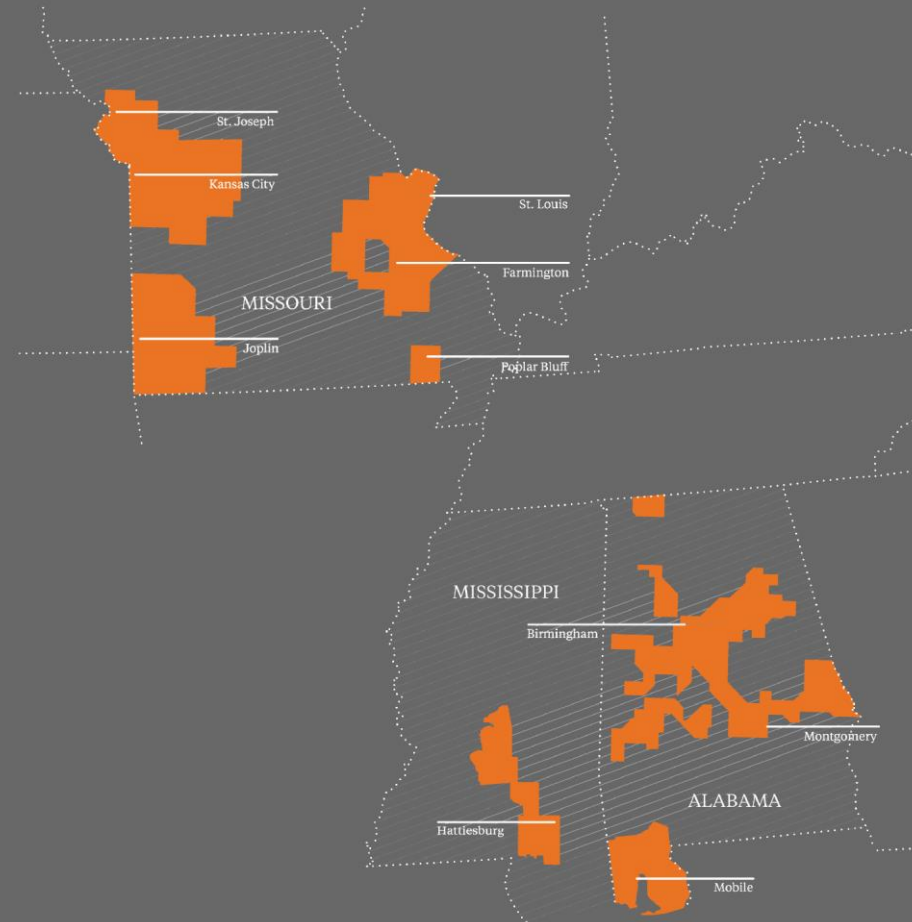
Spire

Spire Footprint

Spire delivers safe, reliable natural gas to 1.7 million homes and businesses across Alabama, Mississippi, and Missouri.

Spire at a glance

- We've served our communities for more than 160 years
- 3,300 Spire employees work to enrich lives every day across three states
- We maintain 58,500 miles of natural gas pipeline
- We're the 5th largest natural gas company in the U.S.
- We're investing innovation and technology today to serve our customers even better tomorrow





KEYHOLE AND DAILY OPERATIONS

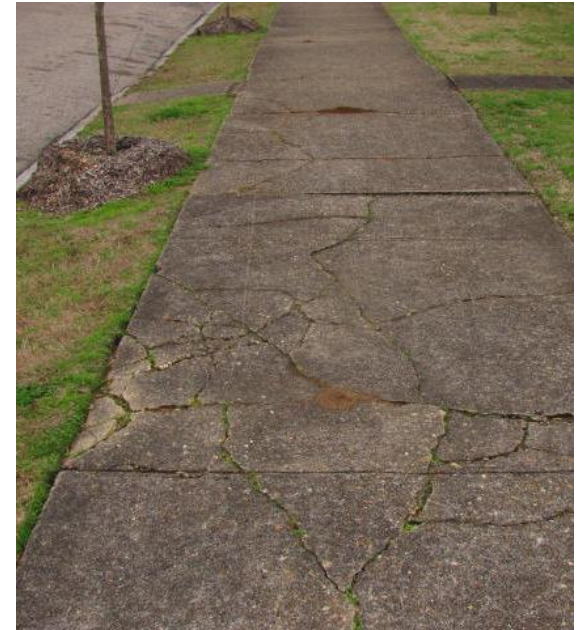
- ▶ Leak Repairs
- ▶ Service Retirements
- ▶ Identifying Pipe
- ▶ Corrosion
- ▶ Valve Box Installations
- ▶ Valve Box Repairs
- ▶ Cleaning Vaults
- ▶ Low Pressure Water Issues

CORE PROCESS IN REPLACEMENT WORK

Saves Money
Positive Community Relations
Reduced Traffic Disruption
Improved Logistics
Faster and Efficient







Felder Avenue



REPLACEMENT WORK 2019

- Approximately 250 Miles of main installations
- Approximately 160 Miles of Main Retirements
- Approximately 100 Miles of Cast Iron & Bare Steel
- 8000-Service Installations



Coring Accomplishments

Successfully completed core demonstrations in all major work locations. 100% Approval

Implemented core process in most instances for Replacement projects for Spire Alabama, Spire Gulf & Spire Mississippi.

Majority of cities request coring information when submitting for permits.

Contractors Perspective

Shannon Robinson
Southeast Connections

Southeast Connections Coring

6000 – cores and reinstatements

4-2 man crews dedicated to coring on replacement projects

3- skid steers with coring attachment

Coring drum completes forty –fifty cuts per drum.

18” Cores

Significant reduction in maintenance cost - car damages, temporary asphalt, repeat trips to fill settled temporary patches.



