



## **National Oceanic and Atmospheric Administration**



GAI Consultants, Inc.-Chicago Office  
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Lisle, Illinois 60532

T 630.605.5255

March 28, 2017

NOAA NEPA Coordinator  
NOAA National Marine Fisheries Services  
Office of General Counsel  
1315 East-West Highway  
Room 15132  
Silver Springs, MD 20910

**Re: Supplemental Information (Docket No. CP17-40)  
Spire STL Pipeline LLC  
Spire STL Pipeline Project  
Scott, Greene, and Jersey Counties, Illinois  
and St. Charles and St. Louis Counties, Missouri**

Dear Sir or Madam:

In June 2016, Spire Pipeline LLC ("Spire") initiated consultation with your office regarding their intent to construct, own, and operate the proposed Spire STL Pipeline Project ("Project") which consisted of approximately 59 miles of new, greenfield 24-inch-diameter steel pipeline (referred to as the "24-inch pipeline") originating at an interconnection with the Rockies Express Pipeline LLC ("REX") pipeline in Scott County, Illinois; extending down through Greene and Jersey counties in Illinois before crossing the Mississippi River and extending east into St. Charles County, Missouri, crossing the Missouri River and tying into an existing pipeline in St. Louis County, Missouri that is currently owned and operated by Laclede Gas Company ("LGC") (referred to as "Line 880"). Line 880 consisted of approximately seven miles of existing 20-inch-diameter steel pipeline. As part of the proposed Project, Spire was planning on modifying Line 880 before placing it in to interstate service. The Project also included the construction of minor aboveground metering and regulating ("M&R") stations. On January 26, 2017, Spire filed an application with the Federal Energy Regulatory Commission ("FERC") for a Certificate of Public Convenience and Necessity for the Project (Docket No. CP17-40-000).

On March 15, 2017, Spire filed a "Preliminary Notification of Preferred Route Change" with FERC, indicating that the Spire no longer plans to modify the existing Line 880 as part of the Project. Instead, Spire intends to construct a new, greenfield 24-inch pipeline (referred to as the "North County Extension") which will extend the 24-inch pipeline portion of the Project to a proposed interconnect with Enable Mississippi River Transmission ("Enable MRT"). Spire plans to file an amended application with FERC in April 2017. GAI Consultants, Inc. ("GAI"), on behalf of Spire, is submitting supplemental information to assist with your review of the Project as amended. An updated description of the proposed Project facilities and location map (Figure 1) are provided herein.

**Amended Project Description**

The amended Project as proposed will consist of approximately 65 miles of new, greenfield, 24-inch-diameter steel pipeline in two segments. The first segment (referred to as the "24-inch pipeline" portion of the Project) will originate at a new interconnect with the REX pipeline in Scott County, Illinois and extend approximately 59 miles through Greene and Jersey Counties in Illinois before crossing the Mississippi River and extending east through St. Charles County, Missouri. The 24-inch pipeline then crosses the Missouri River into St. Louis County, Missouri, and terminates at a new interconnect with LGC. The second segment of new, greenfield pipeline, North County Extension,



will consist of a 24-inch-diameter steel pipeline which will extend approximately six miles from the LGC interconnect through the northern portion of St. Louis County and terminate at a new interconnect with Enable MRT and LGC. The total length of the Project pipeline will be approximately 65 miles. The overall design capacity of the Project pipeline is expected to be 400,000 dekatherms per day ("Dth/d"). No compression will be required. The Project also includes the construction of three new M&R stations that provide interconnects with (1) REX in Illinois, (2) LGC in Missouri, and (3) Enable MRT and LGC in Missouri.

The acquisition and modifications to LGC's existing Line 880 is no longer proposed as part of the Project.

Spire anticipates a typical 90-foot temporary construction right-of-way width, and a 50-foot permanent easement. The construction right-of-way is anticipated to be reduced to 75 feet at streams and wetlands. An additional 25 feet of temporary work space will be required through agricultural areas, and additional temporary work space will be required to facilitate construction in certain areas, such as crossings of roads, railroads, streams, and wetlands.

The updated Project schedule includes the following target dates:

- July 22, 2016 - National Environmental Policy Act ("NEPA") process began (initiation of FERC Pre-filing process);
- August 2016 through March 2017 (Anticipated) - Biological and Cultural Resource Surveys;
- January 26, 2017 - Application Filed with FERC;
- April 2017 (Anticipated) - File Amended Application with FERC;
- September 2017 (Anticipated) - Draft NEPA Document Published; and
- December 2017 (Anticipated) - FERC Decision on Application.

Construction is anticipated to commence in January 2018.

**On behalf of Spire, we'd like to take this opportunity to invite the NOAA National Marine Fisheries Services to provide comments regarding the Project as it will be amended. We appreciate your continued involvement and cooperation in the review of this important Project.**

If you have any questions or would like additional information, please feel free to contact me at 630.605.5255 or by e-mail at [L.Ferry@gaiconsultants.com](mailto:L.Ferry@gaiconsultants.com).

Sincerely,

**GAI Consultants, Inc.**

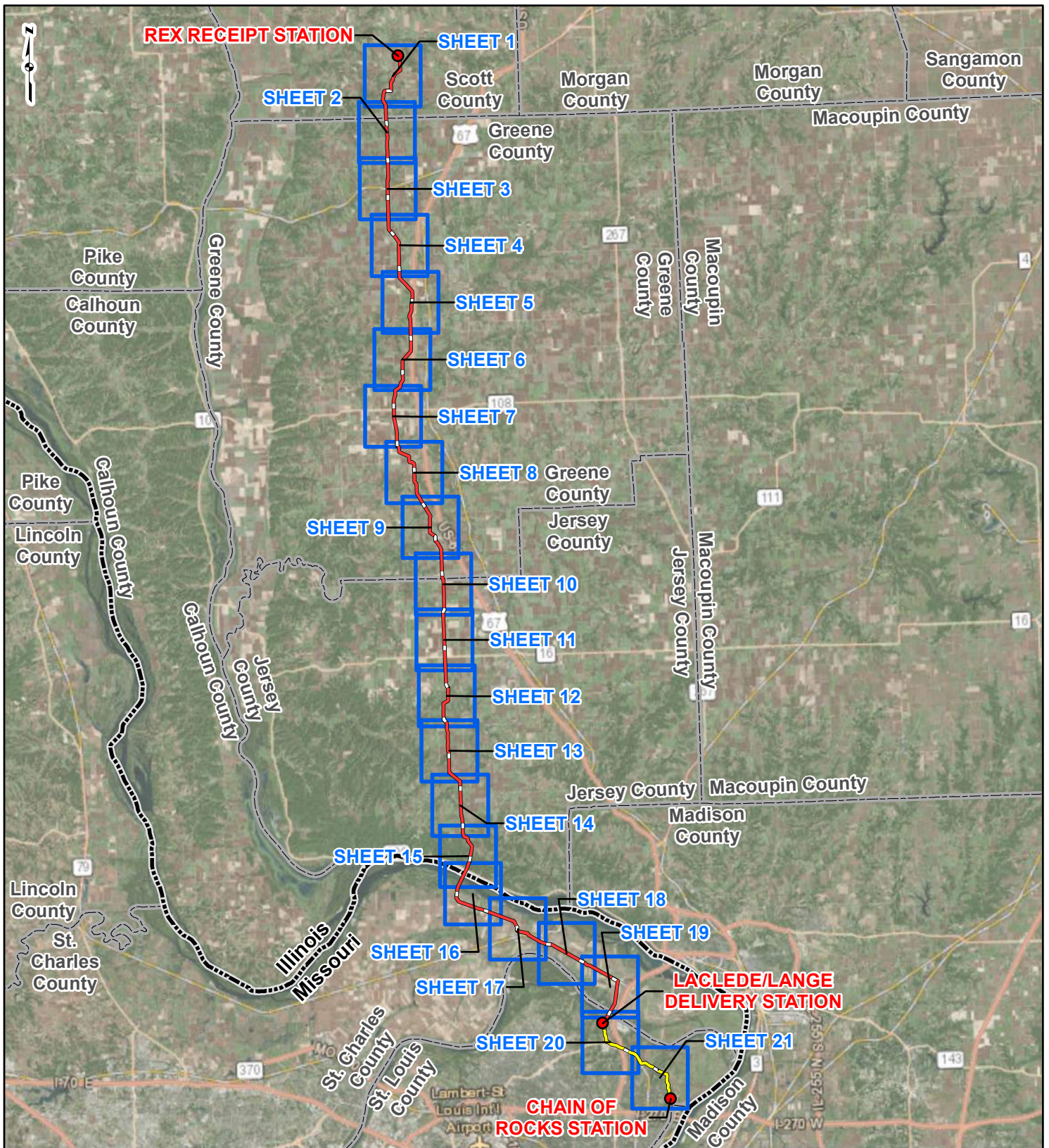


Lori M. Ferry  
Environmental Manager

LMF/ka

Attachment: United States Geological Survey (USGS) Topographic Map (Figure 1)

**ATTACHMENT**  
**USGS TOPOGRAPHIC MAP (FIGURE 1)**



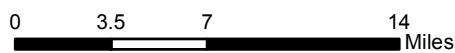
**PROJECT LOCATION**



SCOTT, GREENE AND JERSEY COUNTIES, ILLINOIS AND ST. CHARLES AND ST. LOUIS COUNTIES, MISSOURI

**LEGEND**

- PROPOSED FACILITIES
- 24-INCH PIPELINE
- NORTH COUNTY EXTENSION
- SHEET INDEX
- COUNTY BOUNDARY
- STATE BOUNDARY



**FIGURE 1  
LOCATION MAP  
SHEET INDEX**

**SPIRE STL  
PIPELINE  
PROJECT**

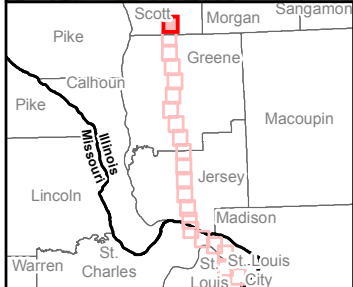
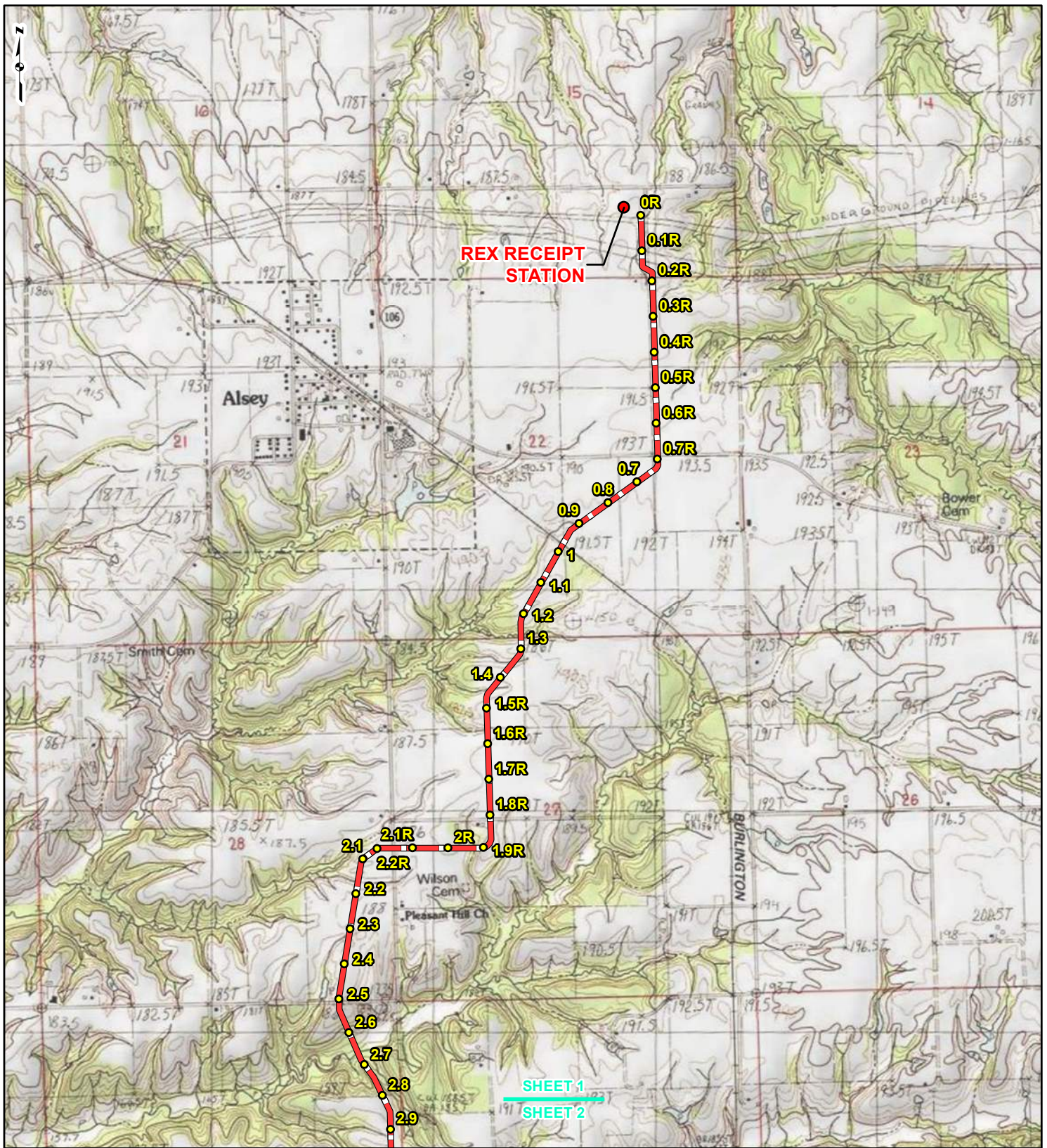


DRAWN BY: PMH  
CHECKED: SWW

DATE: 3/28/2017  
APPROVED: LMF

REFERENCE: ESRI WORLD IMAGERY AND TRANSPORTATION, NAIP, USDA FSA, 2015, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE NORTH COUNTY
● 24-INCH PIPELINE MILEPOST	— EXTENSION
○ NORTH COUNTY	▭ COUNTY BOUNDARY
● EXTENSION MILEPOST	▭ STATE BOUNDARY

0    1,000    2,000    4,000 Feet

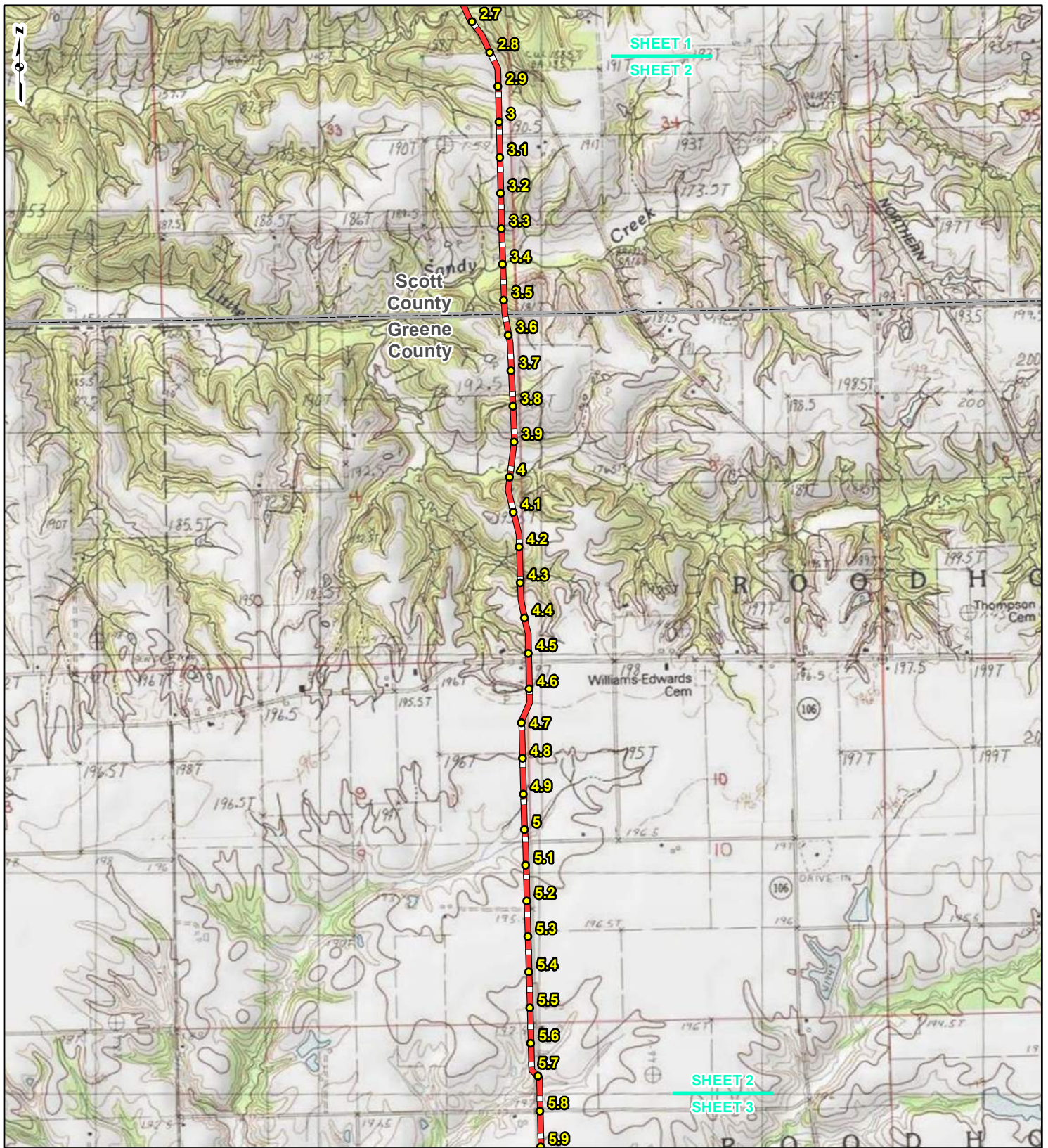
**FIGURE 1  
LOCATION MAP  
SHEET 1 OF 21**

**SPIRE STL  
PIPELINE  
PROJECT**

DRAWN BY: PMH      DATE: 3/28/2017  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSA (1995), FLORISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE MILEPOST	— NORTH COUNTY EXTENSION
● NORTH COUNTY EXTENSION MILEPOST	□ COUNTY BOUNDARY
● MILEPOST	□ STATE BOUNDARY

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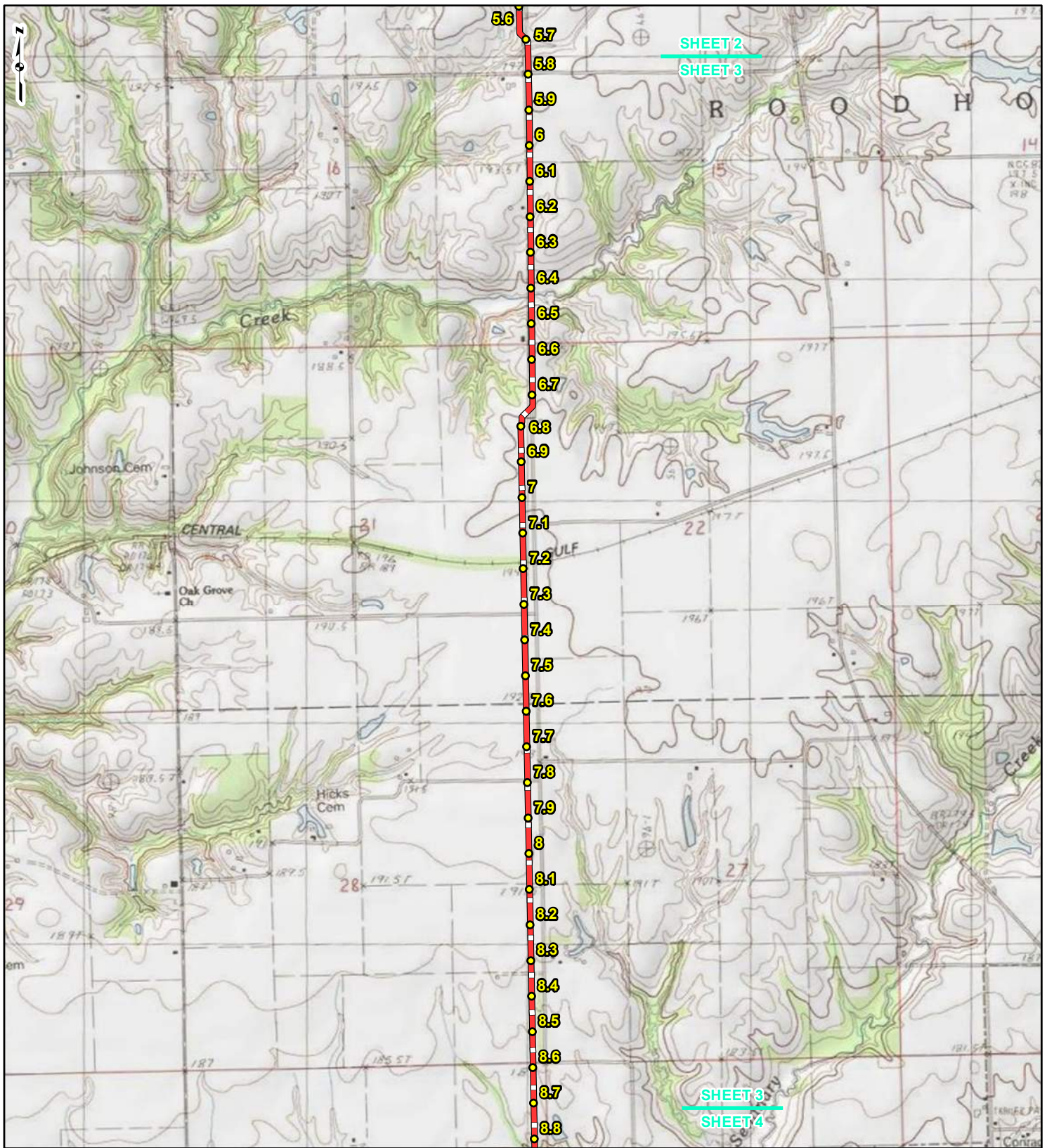
**FIGURE 1  
LOCATION MAP  
SHEET 2 OF 21**

**SPIRE STL  
PIPELINE  
PROJECT**

DRAWN BY: PMH      DATE: 3/28/2017  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSA (1995), FLOISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE	— NORTH COUNTY
● MILEPOST	— EXTENSION
— NORTH COUNTY	▭ COUNTY BOUNDARY
● EXTENSION	▭ STATE BOUNDARY
● MILEPOST	

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Feet

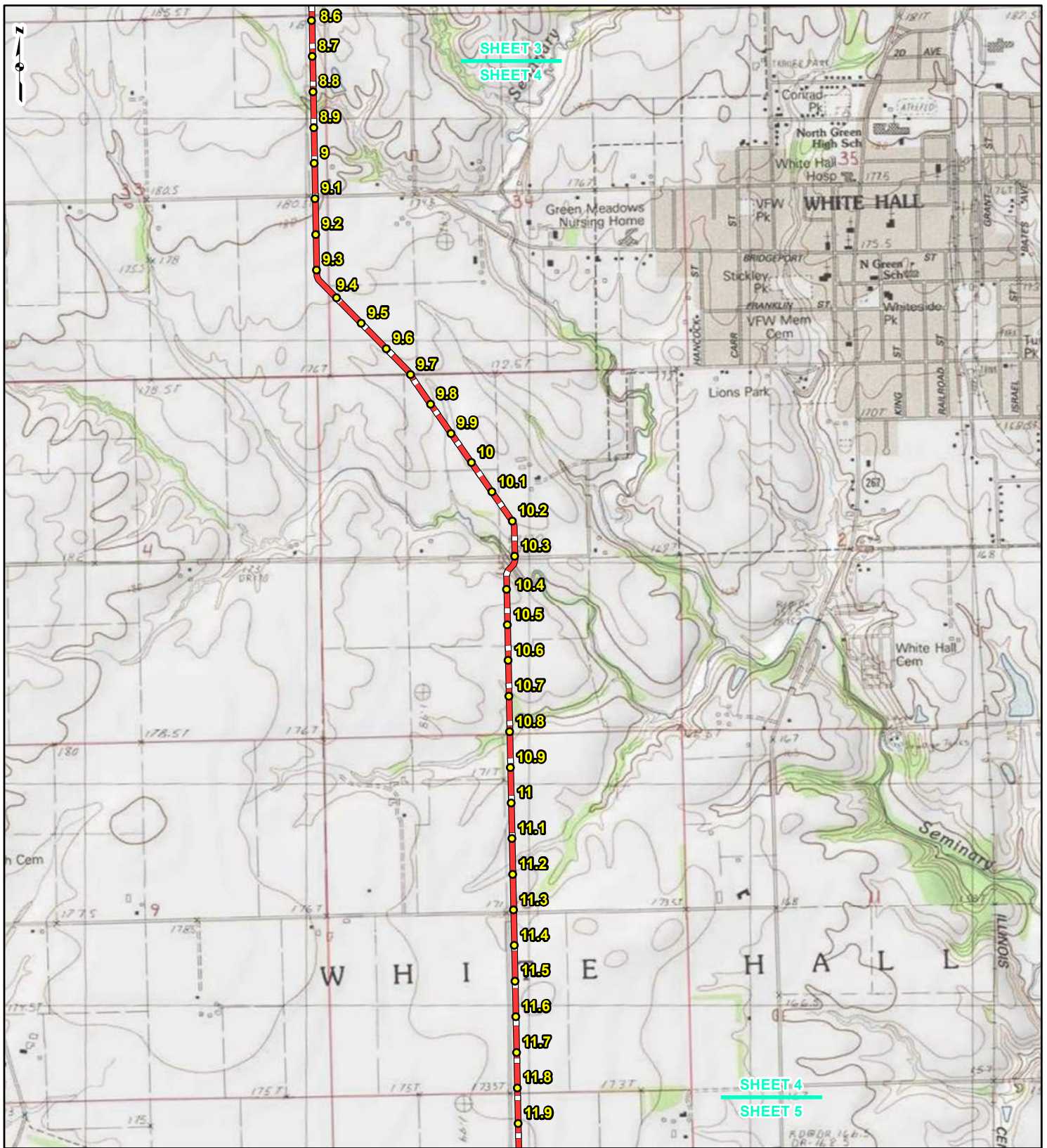
**FIGURE 1**  
**LOCATION MAP**  
**SHEET 3 OF 21**

**SPIRE STL**  
**PIPELINE**  
**PROJECT**

DRAWN BY: PMH      DATE: 3/28/2017  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSA (1995), FLORISSANT (1995), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE	— NORTH COUNTY
● MILEPOST	— EXTENSION
● NORTH COUNTY	▭ COUNTY BOUNDARY
● EXTENSION	▭ STATE BOUNDARY
● MILEPOST	

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**FIGURE 1**  
**LOCATION MAP**  
**SHEET 4 OF 21**

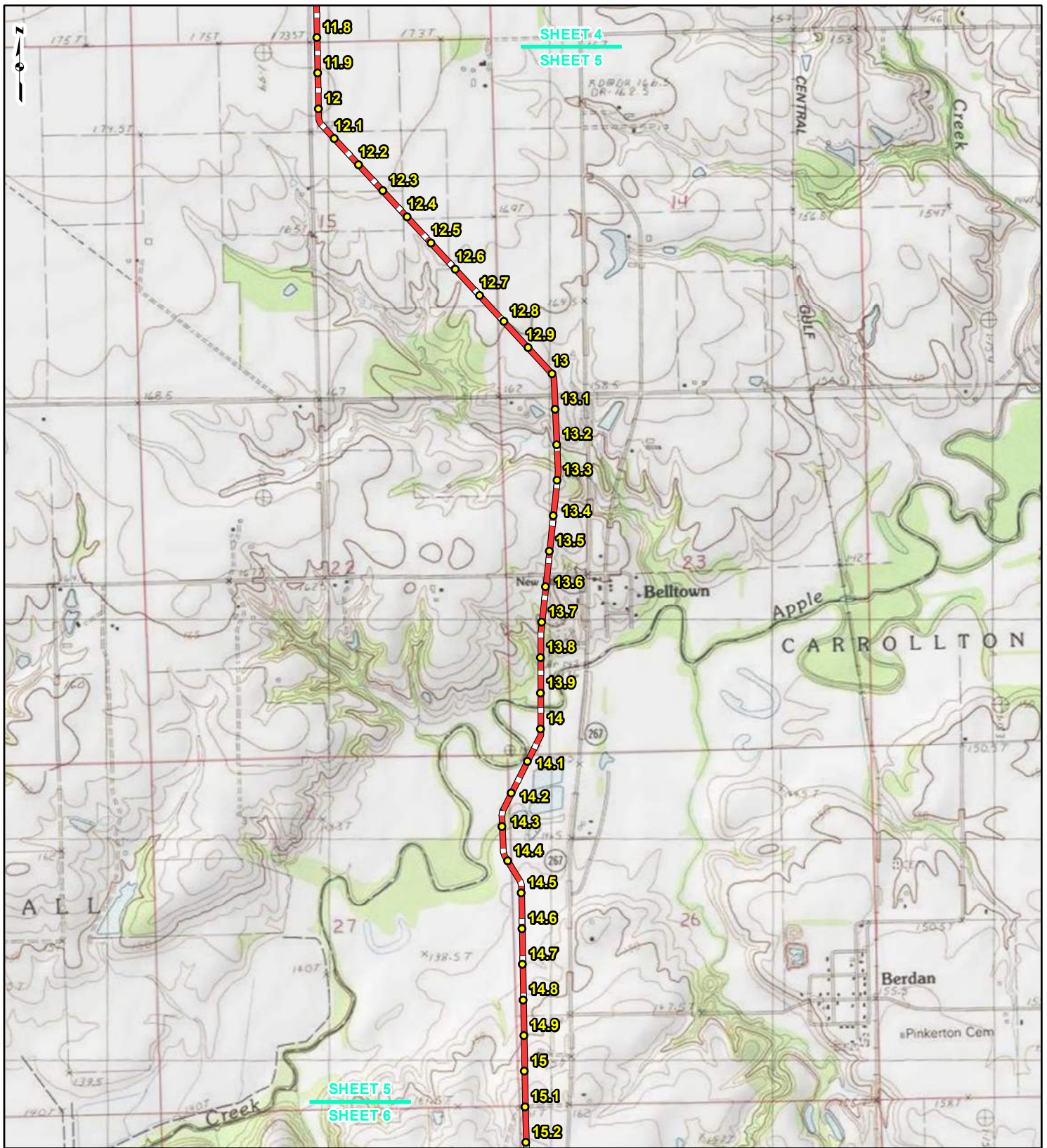
**SPIRE STL**  
**PIPELINE**  
**PROJECT**

gai consultants    spire

DRAWN BY: PMH    DATE: 3/28/2017  
CHECKED: SWW    APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLORISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE MILEPOST	— NORTH COUNTY EXTENSION
○ NORTH COUNTY EXTENSION MILEPOST	▭ COUNTY BOUNDARY
	▭ STATE BOUNDARY

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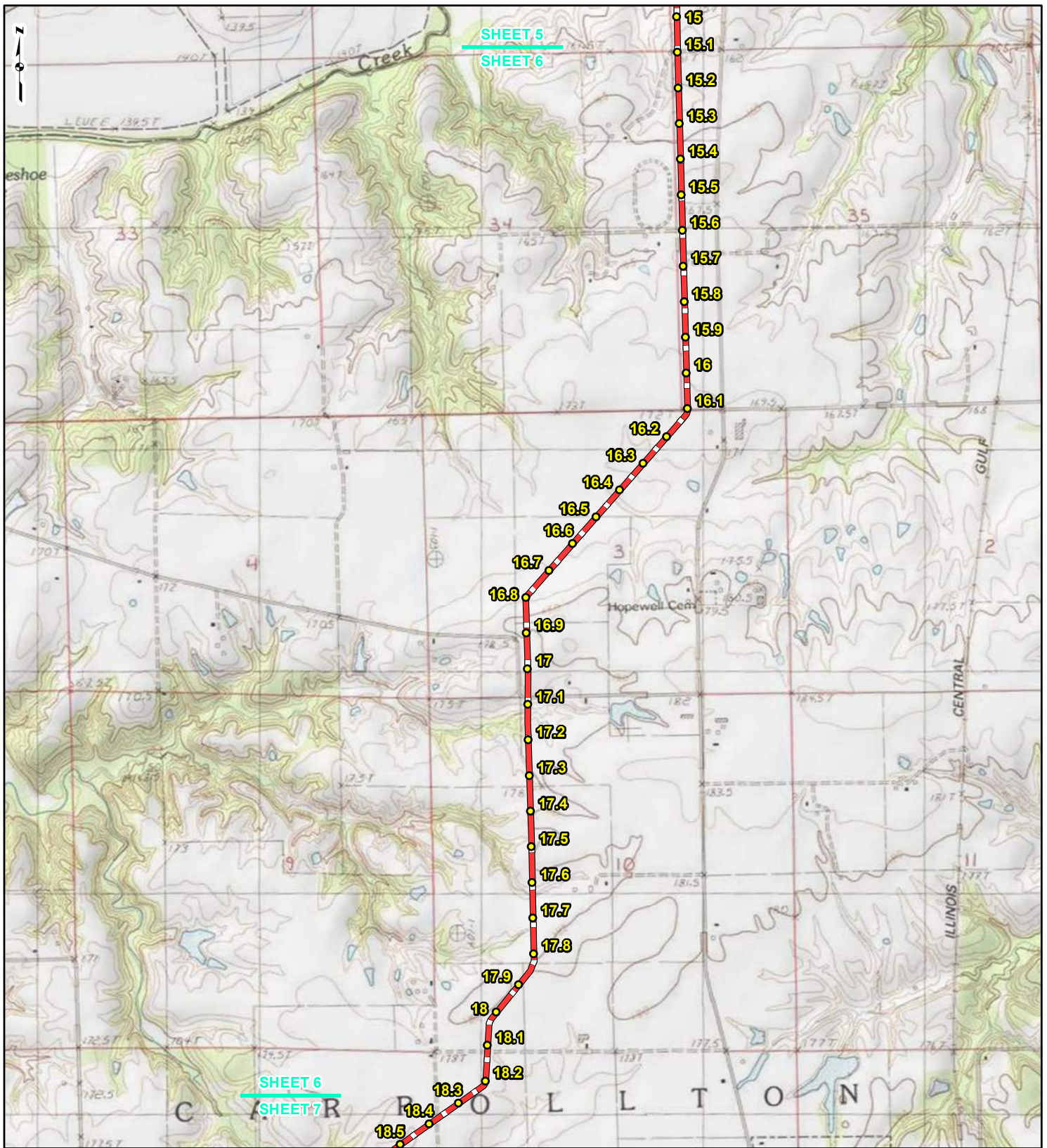
**FIGURE 1  
LOCATION MAP  
SHEET 5 OF 21**

**SPIRE STL  
PIPELINE  
PROJECT**

DRAWN BY: PMH      DATE: 3/28/2017  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLOISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE MILEPOST	— NORTH COUNTY EXTENSION
— NORTH COUNTY EXTENSION	▭ COUNTY BOUNDARY
● MILEPOST	▭ STATE BOUNDARY

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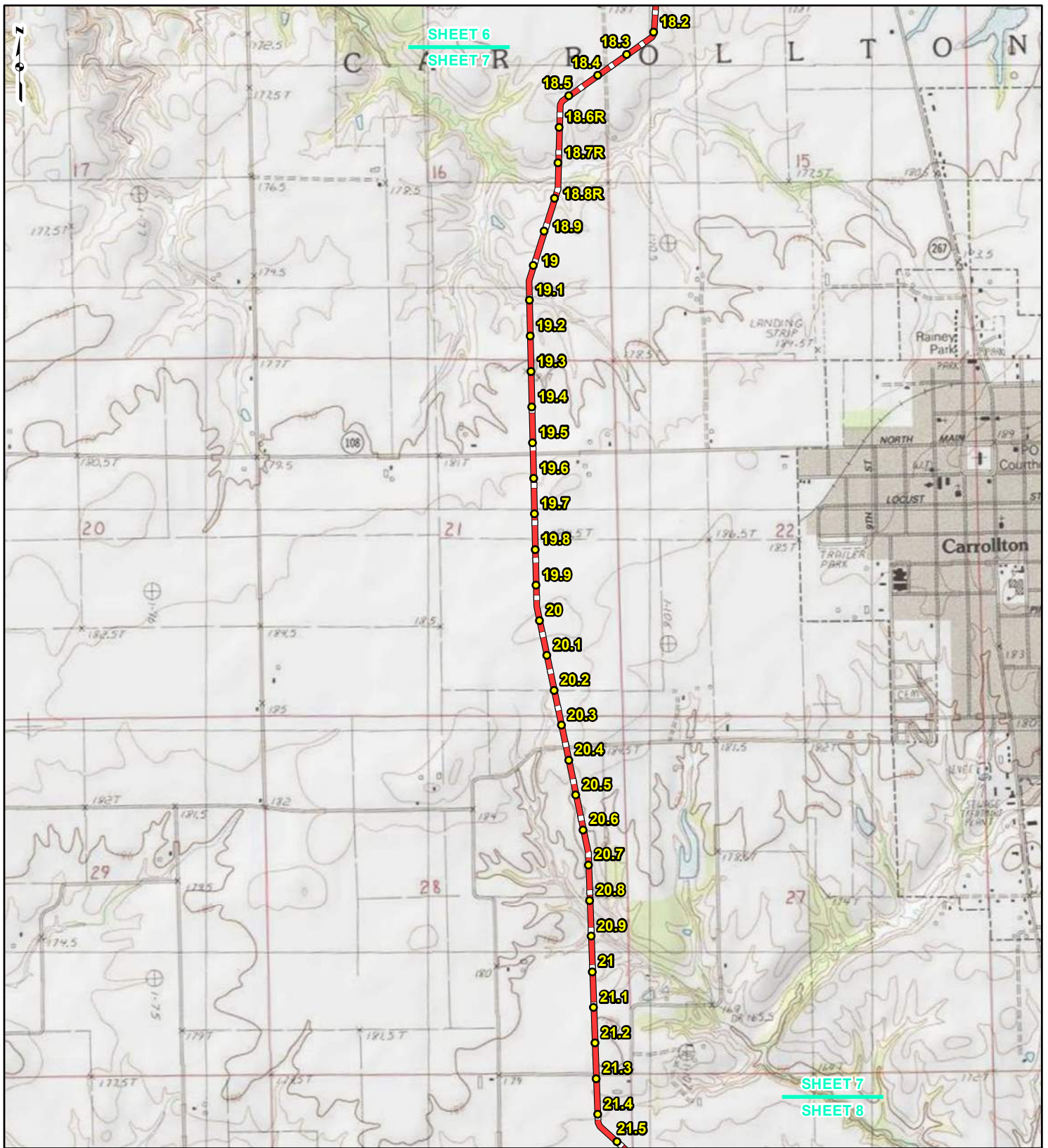
**FIGURE 1  
LOCATION MAP  
SHEET 6 OF 21**

**SPIRE STL  
PIPELINE  
PROJECT**

DRAWN BY: PMH      DATE: 3/28/2017  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLORISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE MILEPOST	— NORTH COUNTY EXTENSION
● NORTH COUNTY EXTENSION MILEPOST	▭ COUNTY BOUNDARY
	▭ STATE BOUNDARY

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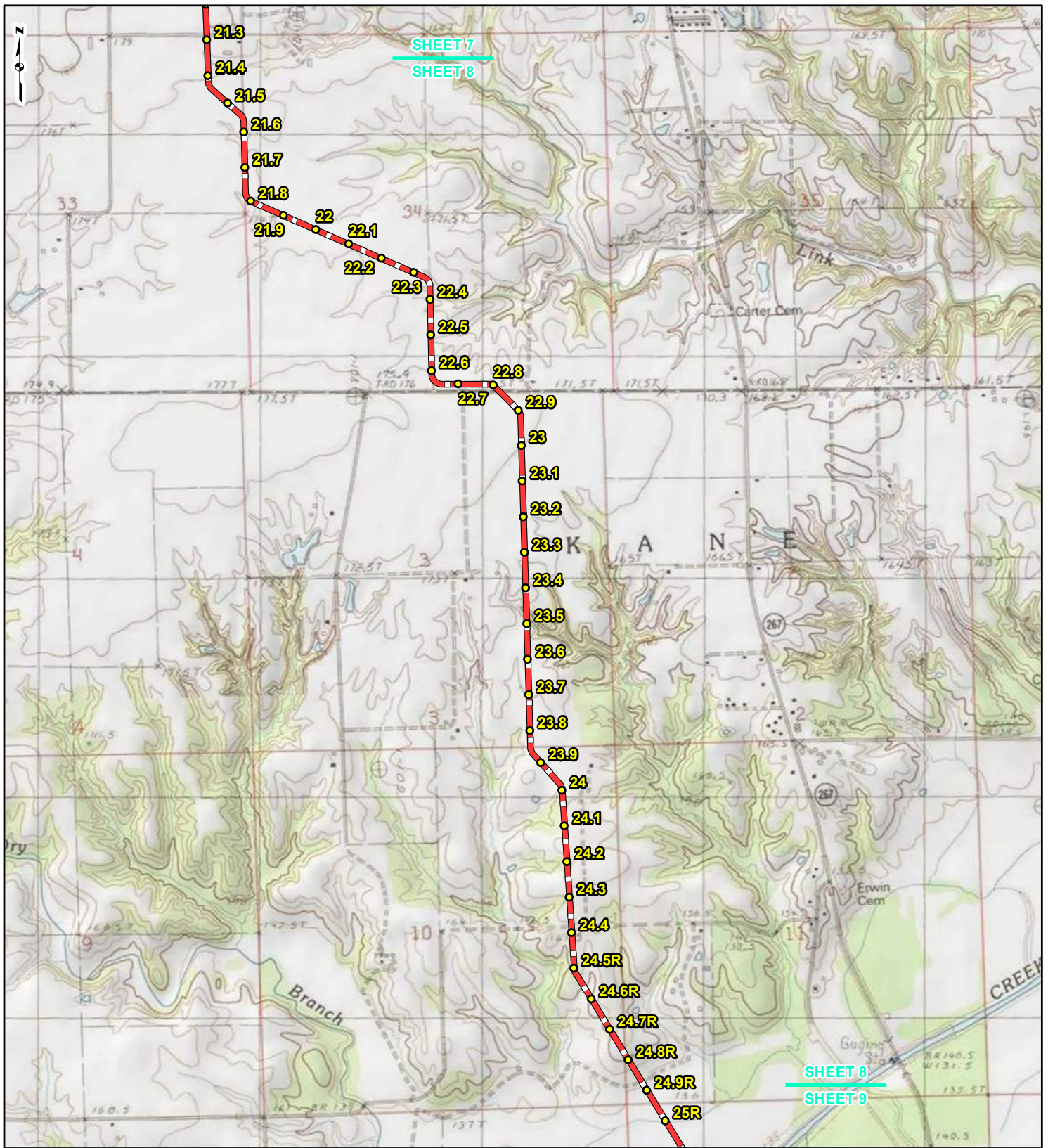
**FIGURE 1  
LOCATION MAP  
SHEET 7 OF 21**

**SPIRE STL  
PIPELINE  
PROJECT**

DRAWN BY: PMH      DATE: 3/28/2017  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLORISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE MILEPOST	— NORTH COUNTY EXTENSION
● NORTH COUNTY EXTENSION MILEPOST	▭ COUNTY BOUNDARY
	▭ STATE BOUNDARY

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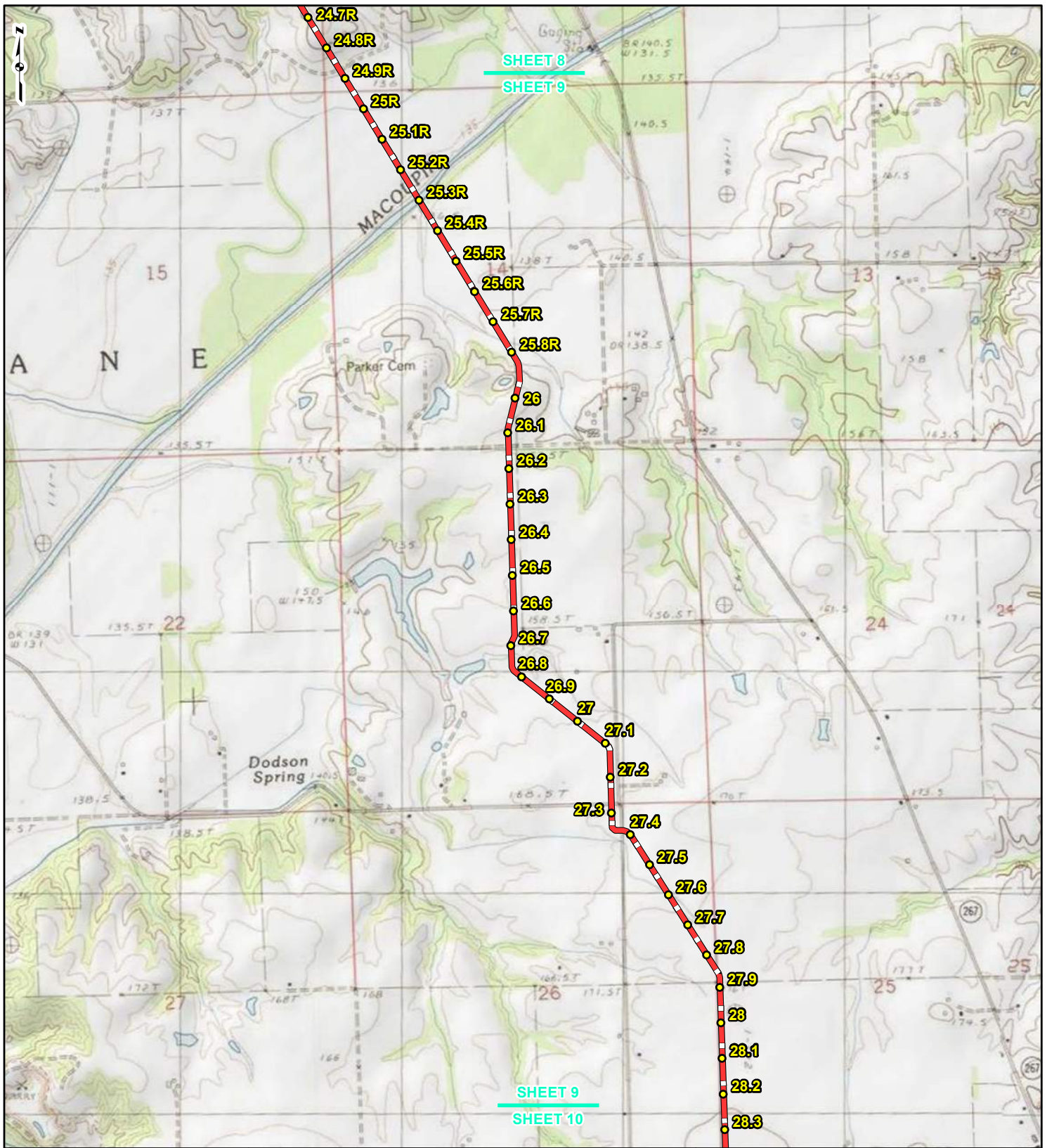
**FIGURE 1  
LOCATION MAP  
SHEET 8 OF 21**

**SPIRE STL  
PIPELINE  
PROJECT**

DRAWN BY: PMH      DATE: 3/28/2017  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLOISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE MILEPOST	— NORTH COUNTY EXTENSION
● NORTH COUNTY EXTENSION MILEPOST	▭ COUNTY BOUNDARY
	▭ STATE BOUNDARY

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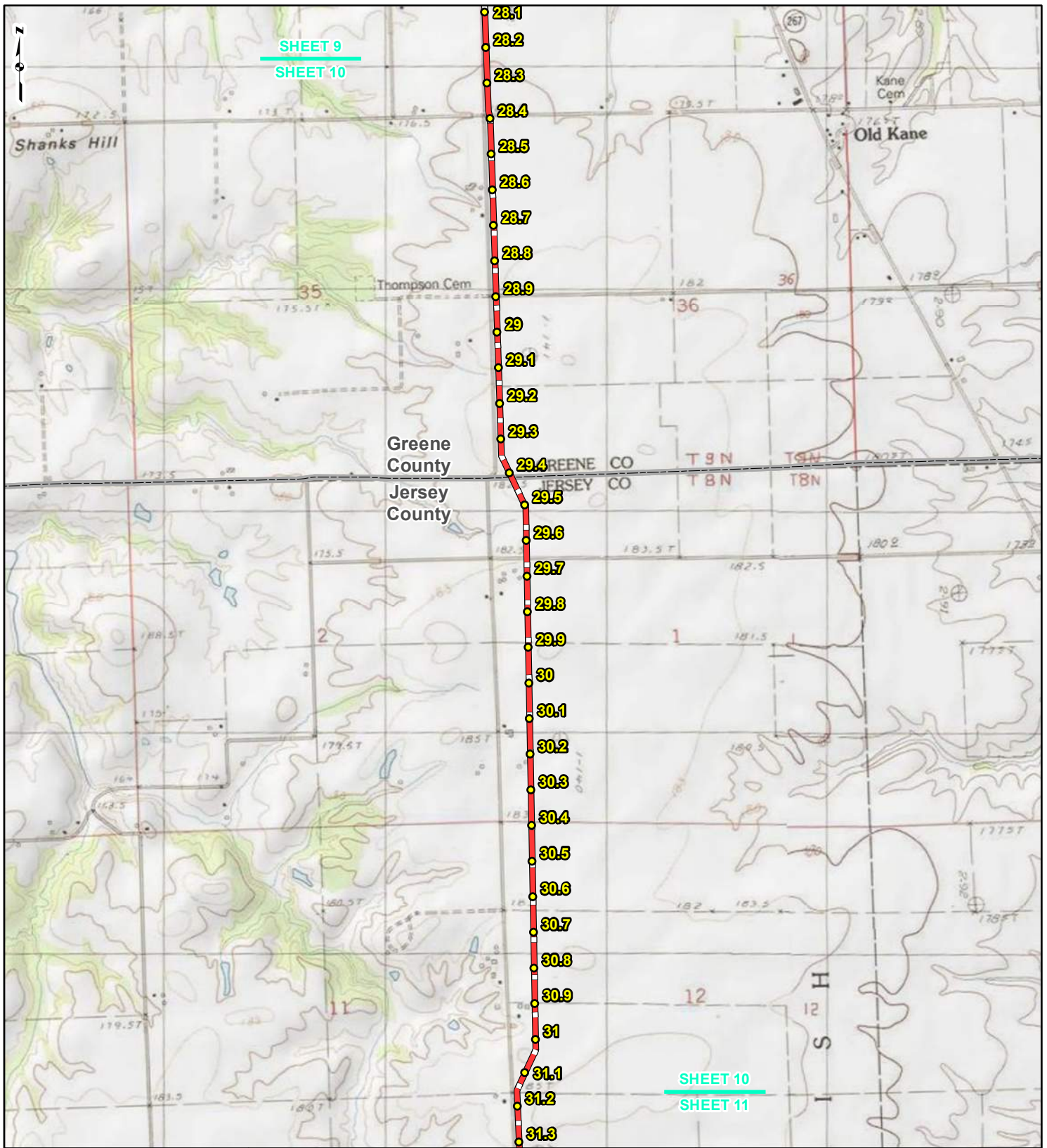
**FIGURE 1  
LOCATION MAP  
SHEET 9 OF 21**

**SPIRE STL  
PIPELINE  
PROJECT**

DRAWN BY: PMH      DATE: 3/28/2017  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLORISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE MILEPOST	— NORTH COUNTY EXTENSION
● NORTH COUNTY EXTENSION MILEPOST	▭ COUNTY BOUNDARY
	▭ STATE BOUNDARY

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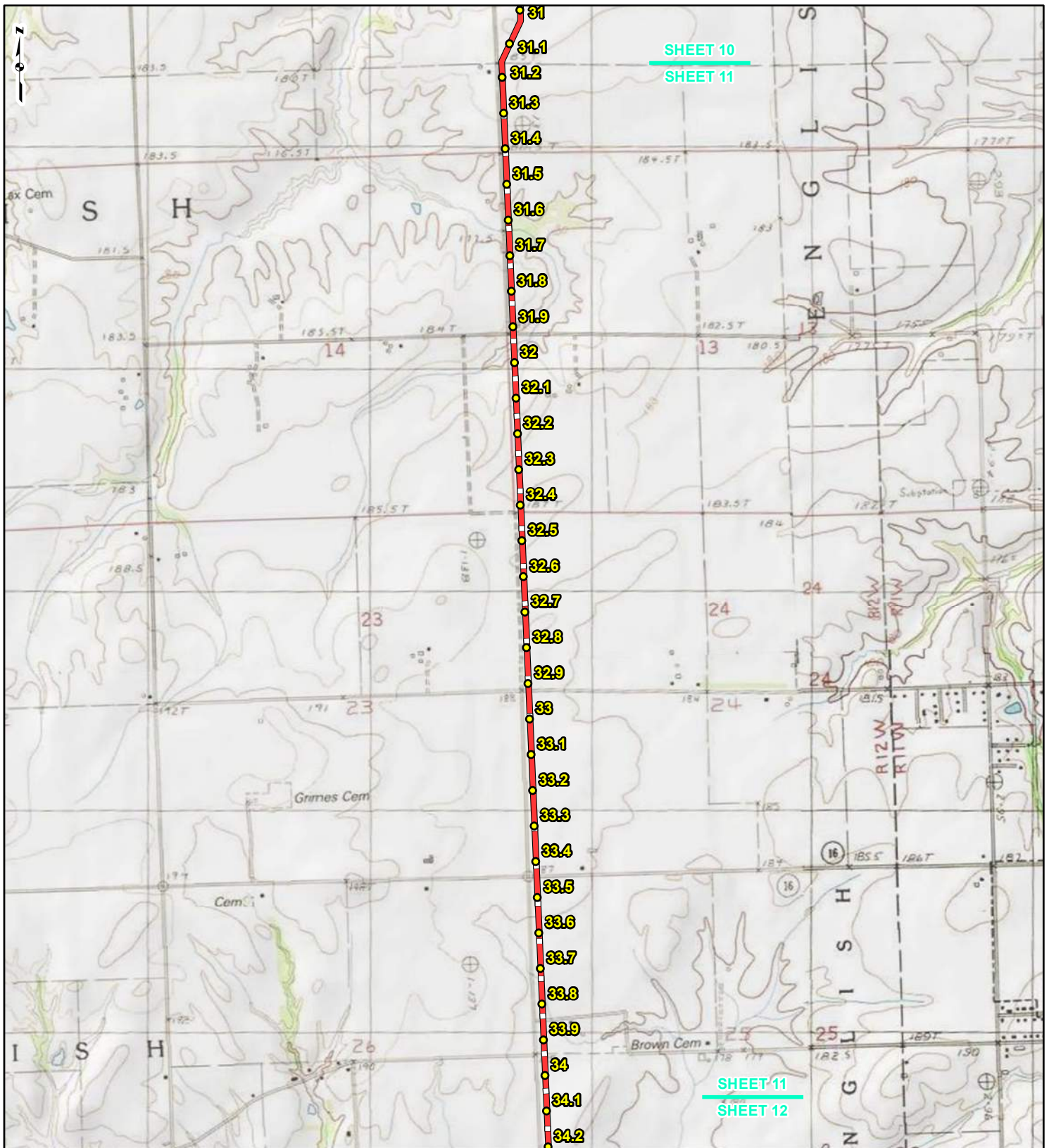
**FIGURE 1  
LOCATION MAP  
SHEET 10 OF 21**

**SPIRE STL  
PIPELINE  
PROJECT**

gai consultants

DRAWN BY: PMH      DATE: 3/28/2017  
CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), EL SAH (1995), FLORISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.



**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE MILEPOST	— NORTH COUNTY EXTENSION
● NORTH COUNTY EXTENSION MILEPOST	▭ COUNTY BOUNDARY
	▭ STATE BOUNDARY

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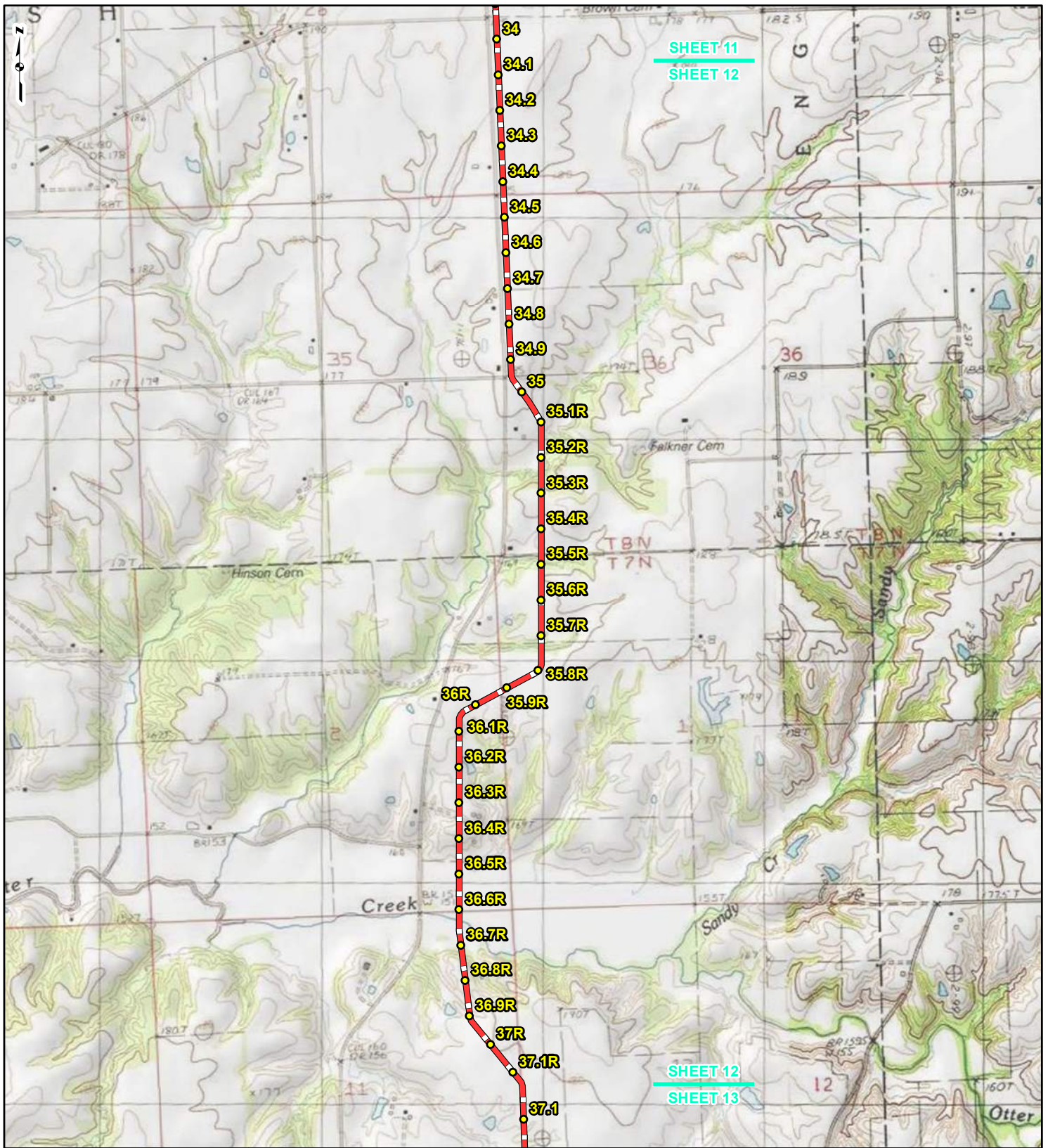
**FIGURE 1  
LOCATION MAP  
SHEET 11 OF 21**

**SPIRE STL  
PIPELINE  
PROJECT**

DRAWN BY: PMH      DATE: 3/28/2017  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), EL SAH (1995), FLORISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





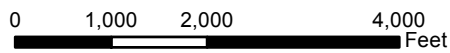
SHEET 11  
SHEET 12

SHEET 12  
SHEET 13



**LEGEND**

- PROPOSED FACILITIES
- 24-INCH PIPELINE MILEPOST
- NORTH COUNTY EXTENSION MILEPOST
- 24-INCH PIPELINE NORTH COUNTY EXTENSION
- ▭ COUNTY BOUNDARY
- ▭ STATE BOUNDARY



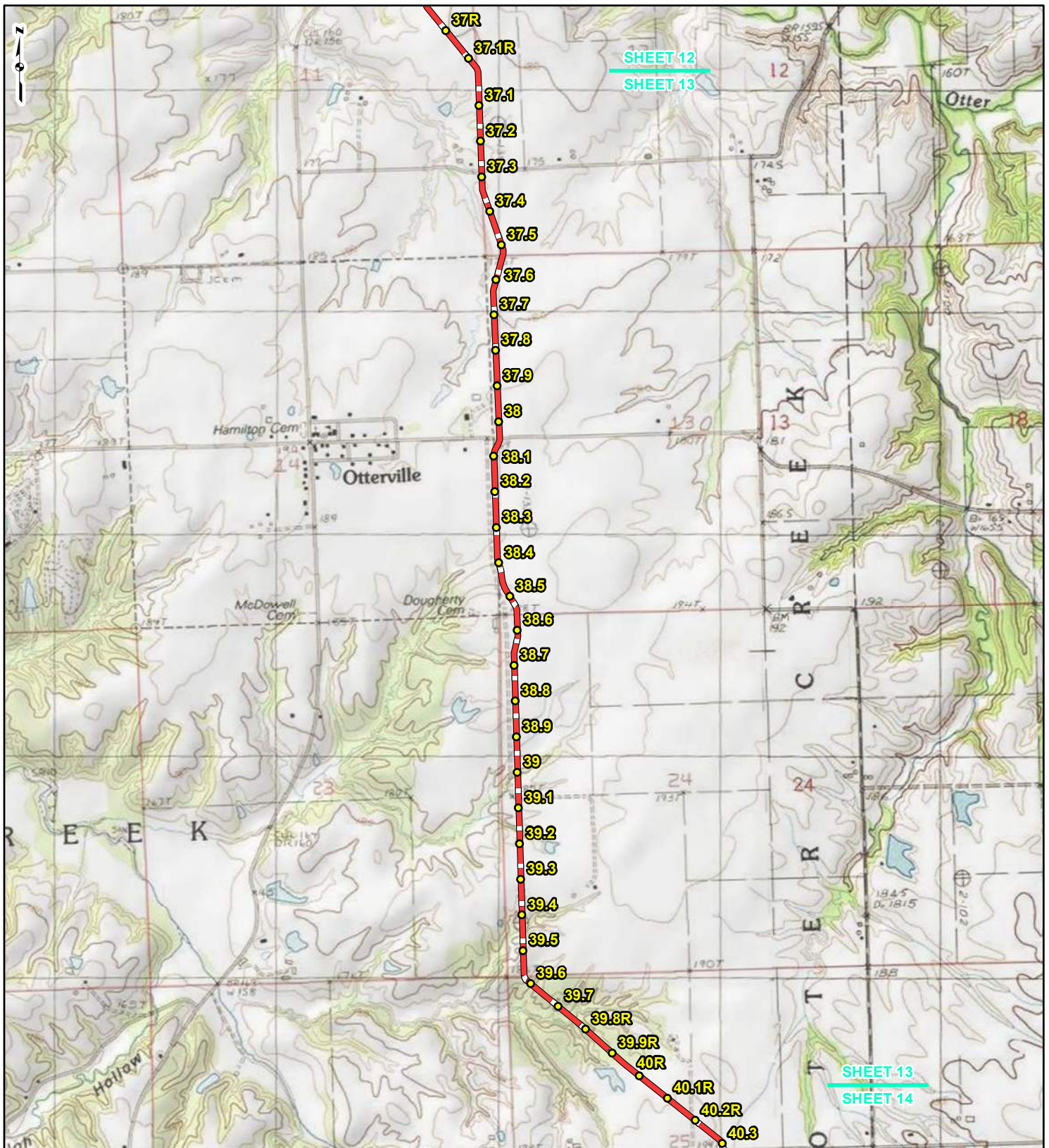
**FIGURE 1**  
**LOCATION MAP**  
**SHEET 12 OF 21**



DRAWN BY: PMH      DATE: 3/28/2017  
CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSA (1995), FLORISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE MILEPOST	— NORTH COUNTY EXTENSION
● NORTH COUNTY EXTENSION MILEPOST	▭ COUNTY BOUNDARY
	▭ STATE BOUNDARY

0 1,000 2,000 4,000 Feet

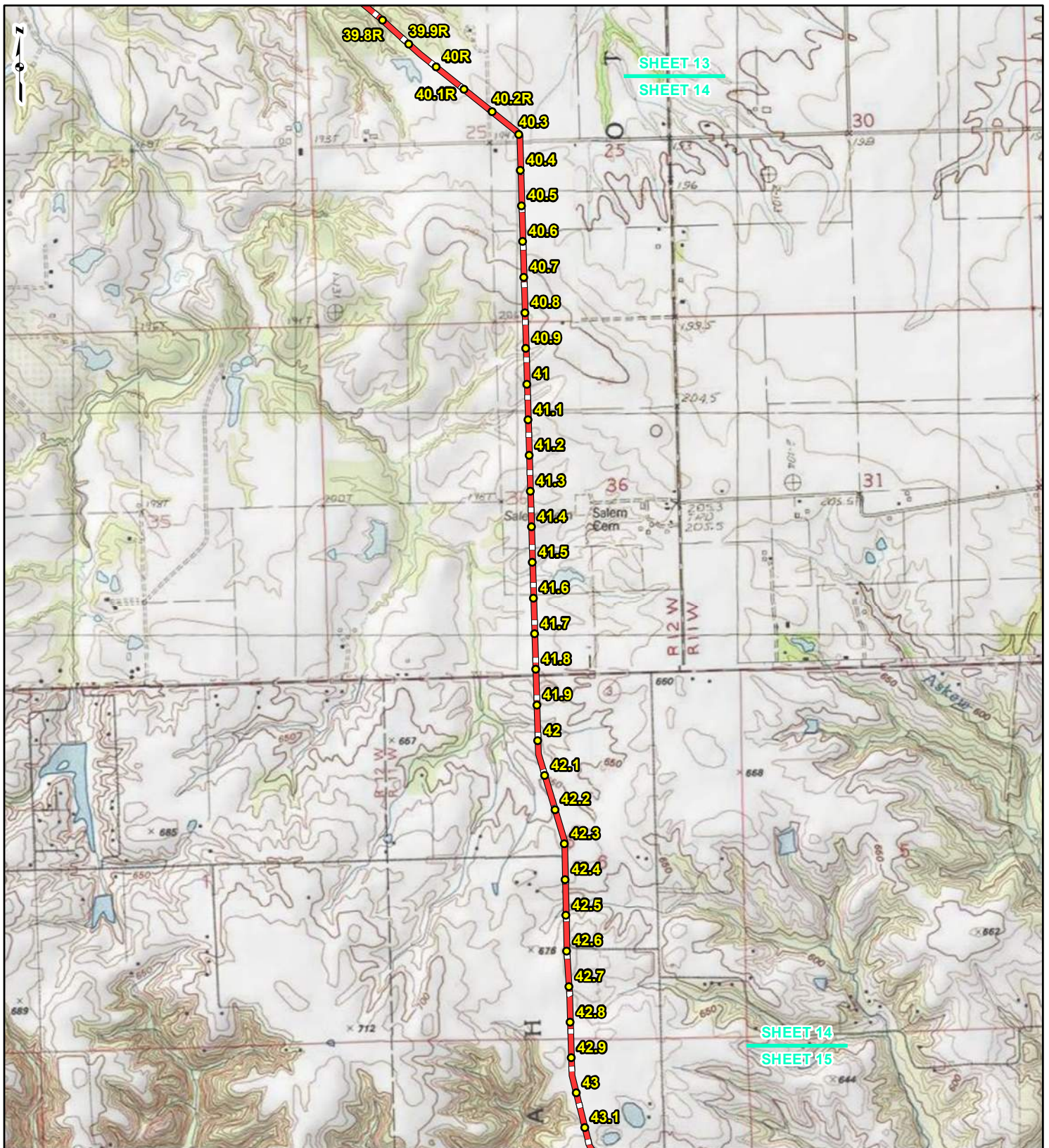
**FIGURE 1  
LOCATION MAP  
SHEET 13 OF 21**

**SPIRE STL PIPELINE PROJECT**

DRAWN BY: PMH      DATE: 3/28/2017  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLORISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE MILEPOST	— NORTH COUNTY EXTENSION
● NORTH COUNTY EXTENSION MILEPOST	▭ COUNTY BOUNDARY
	▭ STATE BOUNDARY

0    1,000    2,000    4,000 Feet

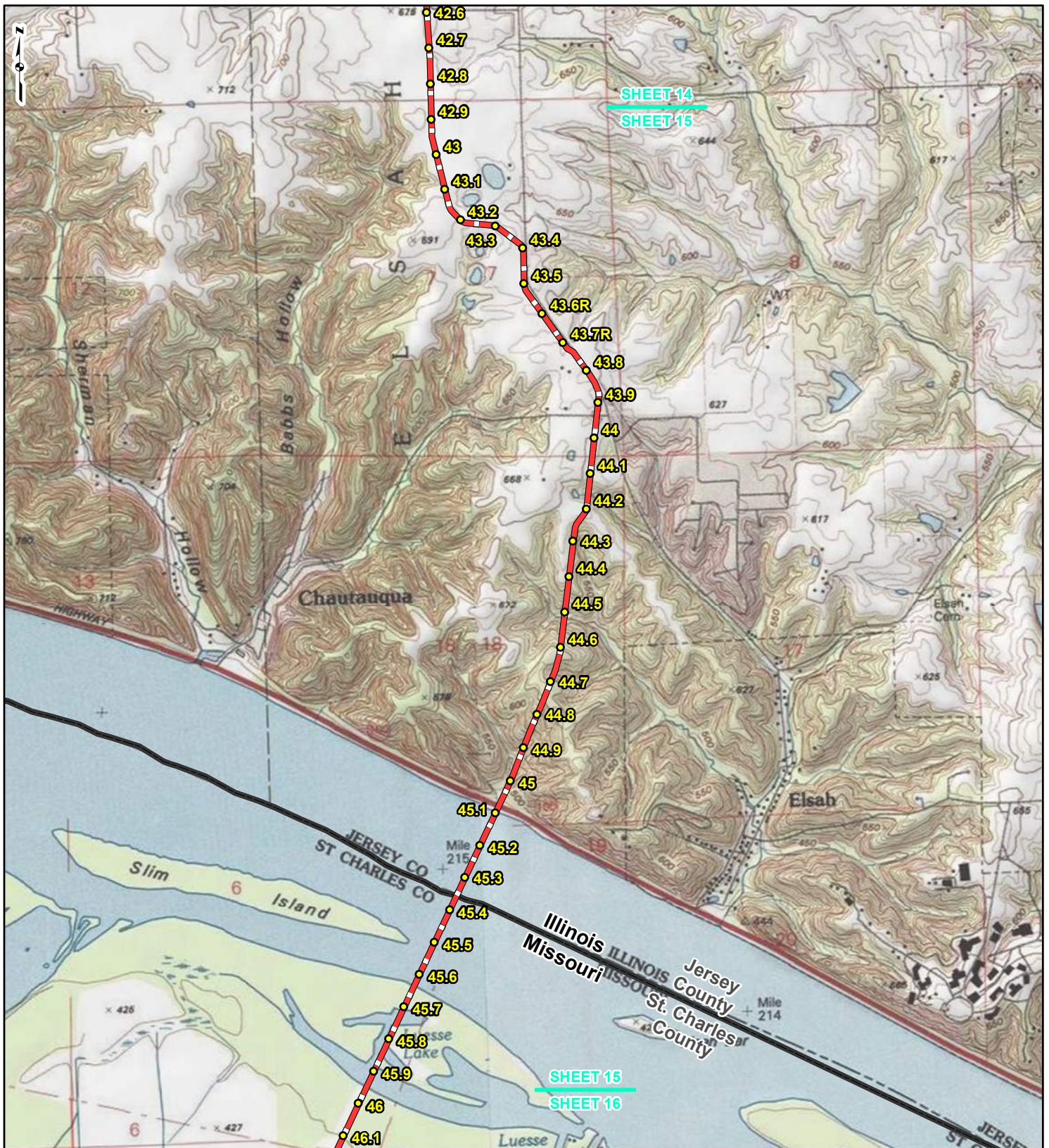
**FIGURE 1  
LOCATION MAP  
SHEET 14 OF 21**

**SPIRE STL  
PIPELINE  
PROJECT**

DRAWN BY: PMH      DATE: 3/28/2017  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLOISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.







**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE	— NORTH COUNTY
● MILEPOST	— EXTENSION
— NORTH COUNTY	▭ COUNTY BOUNDARY
● EXTENSION	▭ STATE BOUNDARY
● MILEPOST	

0    1,000    2,000    4,000  
Feet

**FIGURE 1**  
**LOCATION MAP**  
**SHEET 15 OF 21**

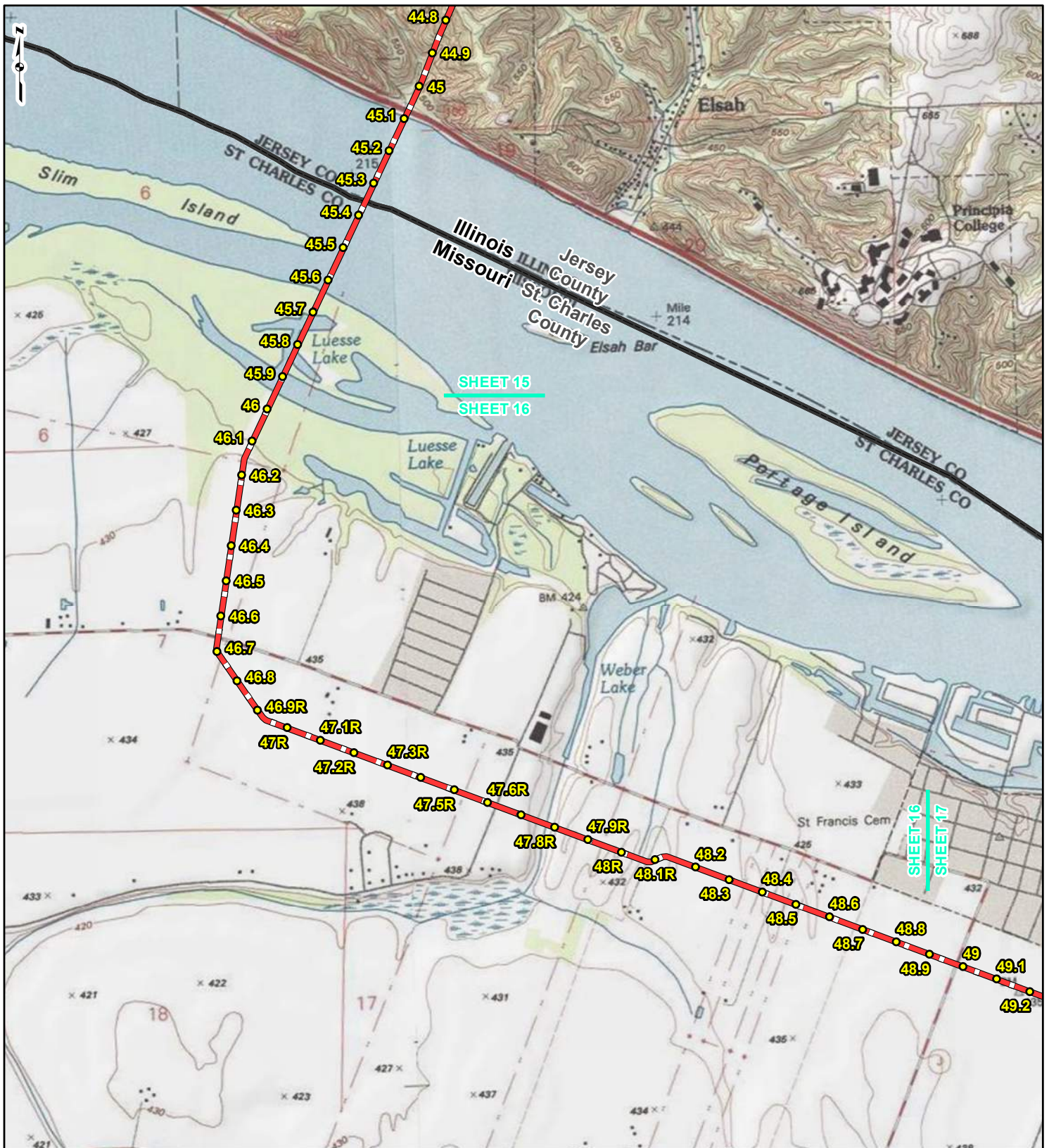
**SPIRE STL**  
**PIPELINE**  
**PROJECT**

DRAWN BY: PMH      DATE: 3/28/2017  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLORISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





SHEET 15  
SHEET 16

SHEET 16  
SHEET 17



**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE	— NORTH COUNTY
● MILEPOST	— EXTENSION
— NORTH COUNTY	▭ COUNTY BOUNDARY
● EXTENSION	▭ STATE BOUNDARY
● MILEPOST	

0    1,000    2,000    4,000  
Feet

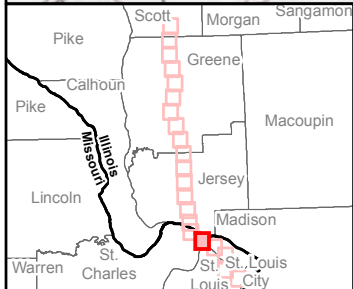
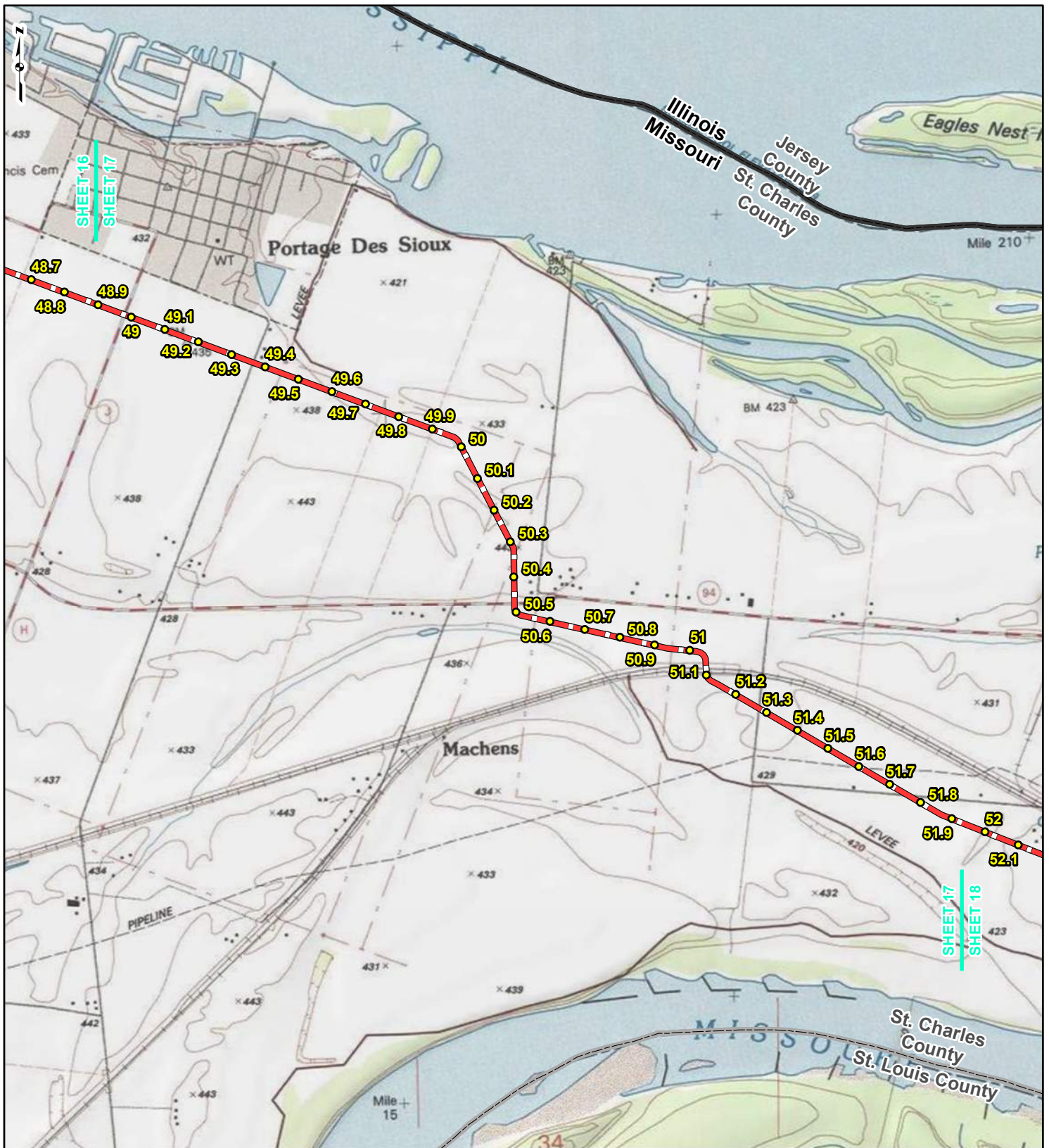
**FIGURE 1  
LOCATION MAP  
SHEET 16 OF 21**

**SPIRE STL  
PIPELINE  
PROJECT**

DRAWN BY: PMH	DATE: 3/28/2017
CHECKED: SWW	APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLOISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE	— NORTH COUNTY
● MILEPOST	— EXTENSION
● NORTH COUNTY	▭ COUNTY BOUNDARY
● EXTENSION	▭ STATE BOUNDARY
● MILEPOST	

0    1,000    2,000    4,000  
Feet

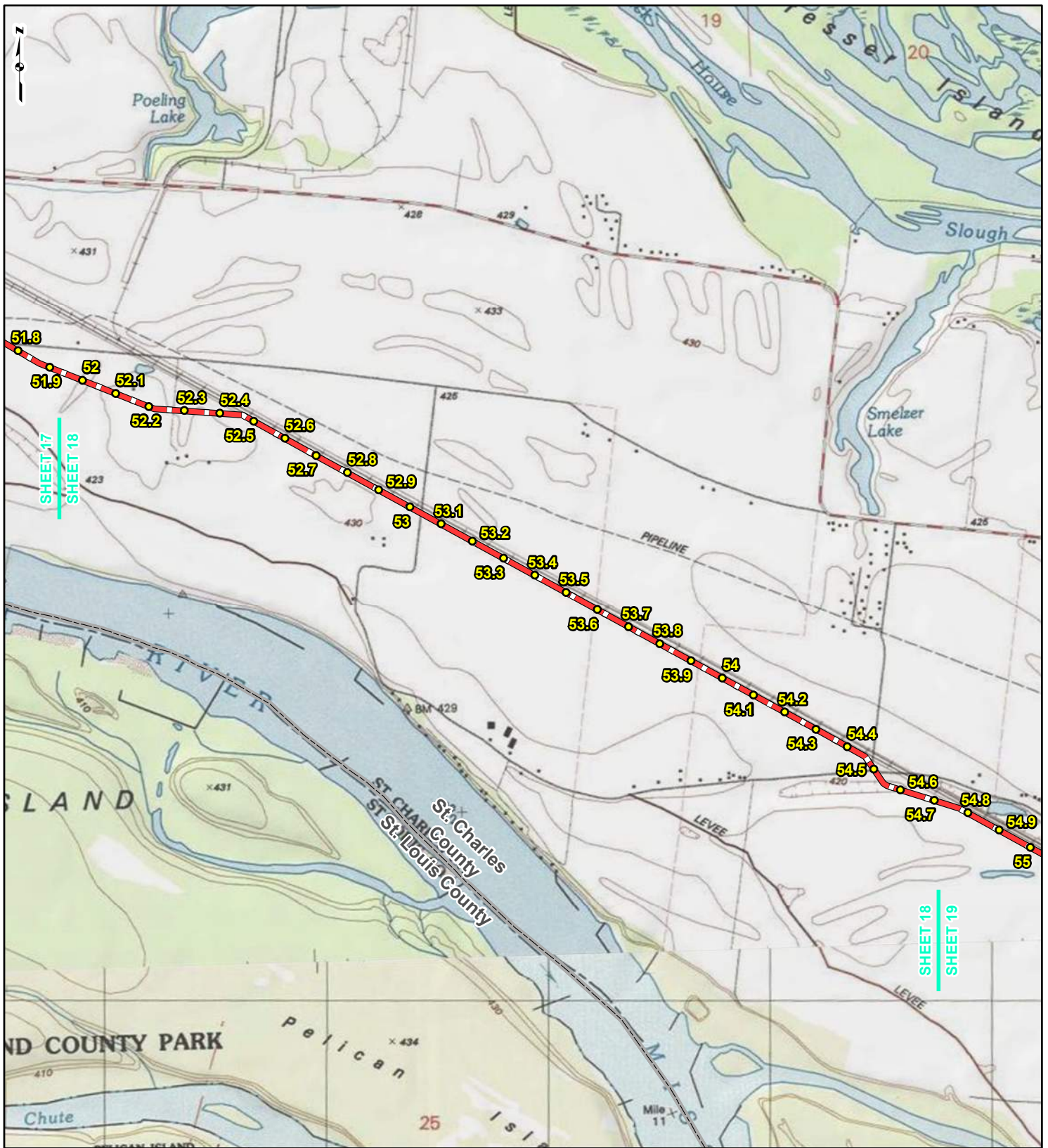
**FIGURE 1**  
**LOCATION MAP**  
**SHEET 17 OF 21**

**SPIRE STL**  
**PIPELINE**  
**PROJECT**

DRAWN BY: PMH      DATE: 3/28/2017  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLORISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE MILEPOST	— NORTH COUNTY EXTENSION
● NORTH COUNTY EXTENSION MILEPOST	▭ COUNTY BOUNDARY
● STATE BOUNDARY	▭ STATE BOUNDARY

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Feet

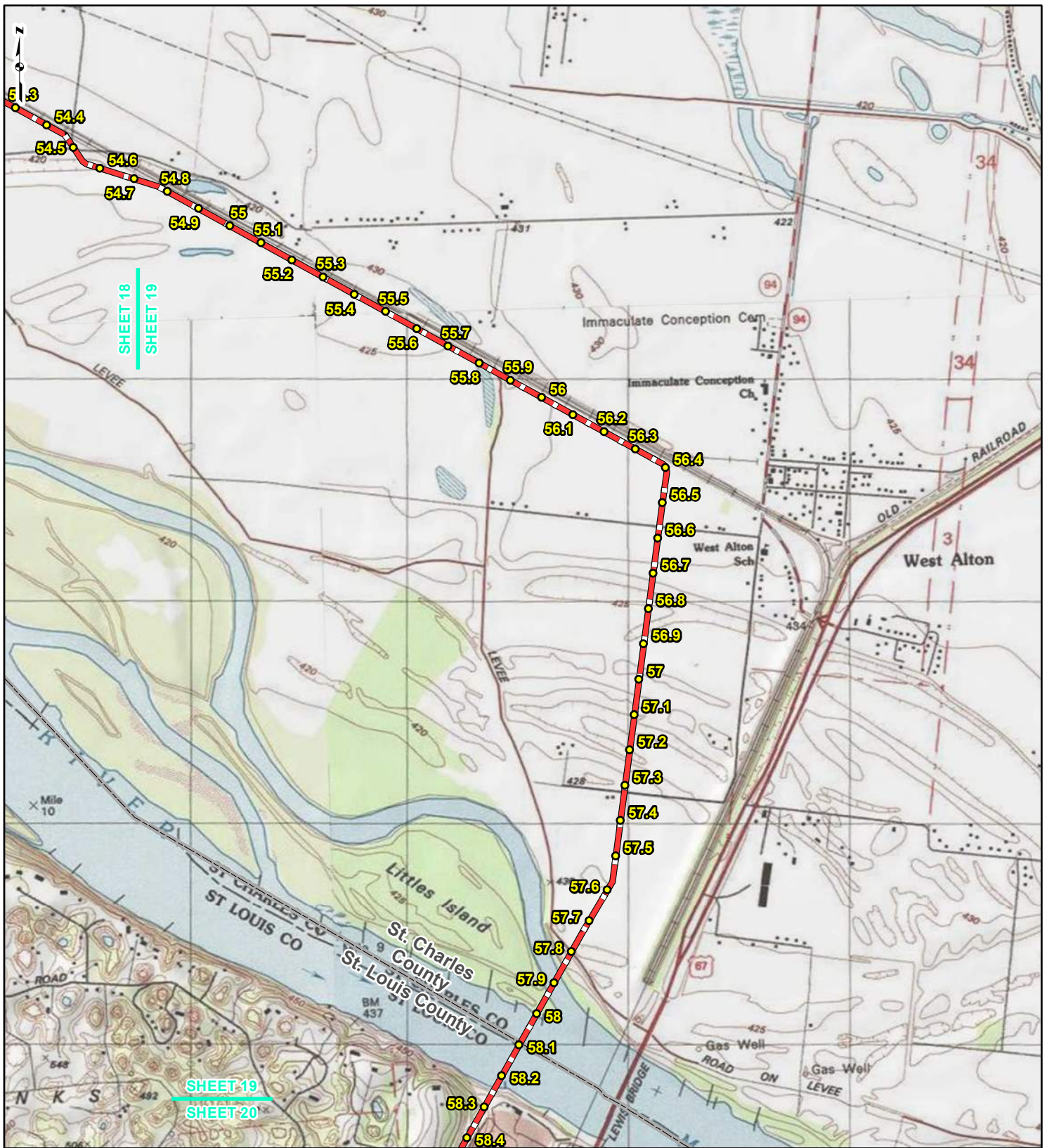
**FIGURE 1  
LOCATION MAP  
SHEET 18 OF 21**

**SPIRE STL  
PIPELINE  
PROJECT**

DRAWN BY: PMH      DATE: 3/28/2017  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLOISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE	— NORTH COUNTY
● MILEPOST	— EXTENSION
— NORTH COUNTY	▭ COUNTY BOUNDARY
● EXTENSION	▭ STATE BOUNDARY
● MILEPOST	

0    1,000    2,000    4,000  
Feet

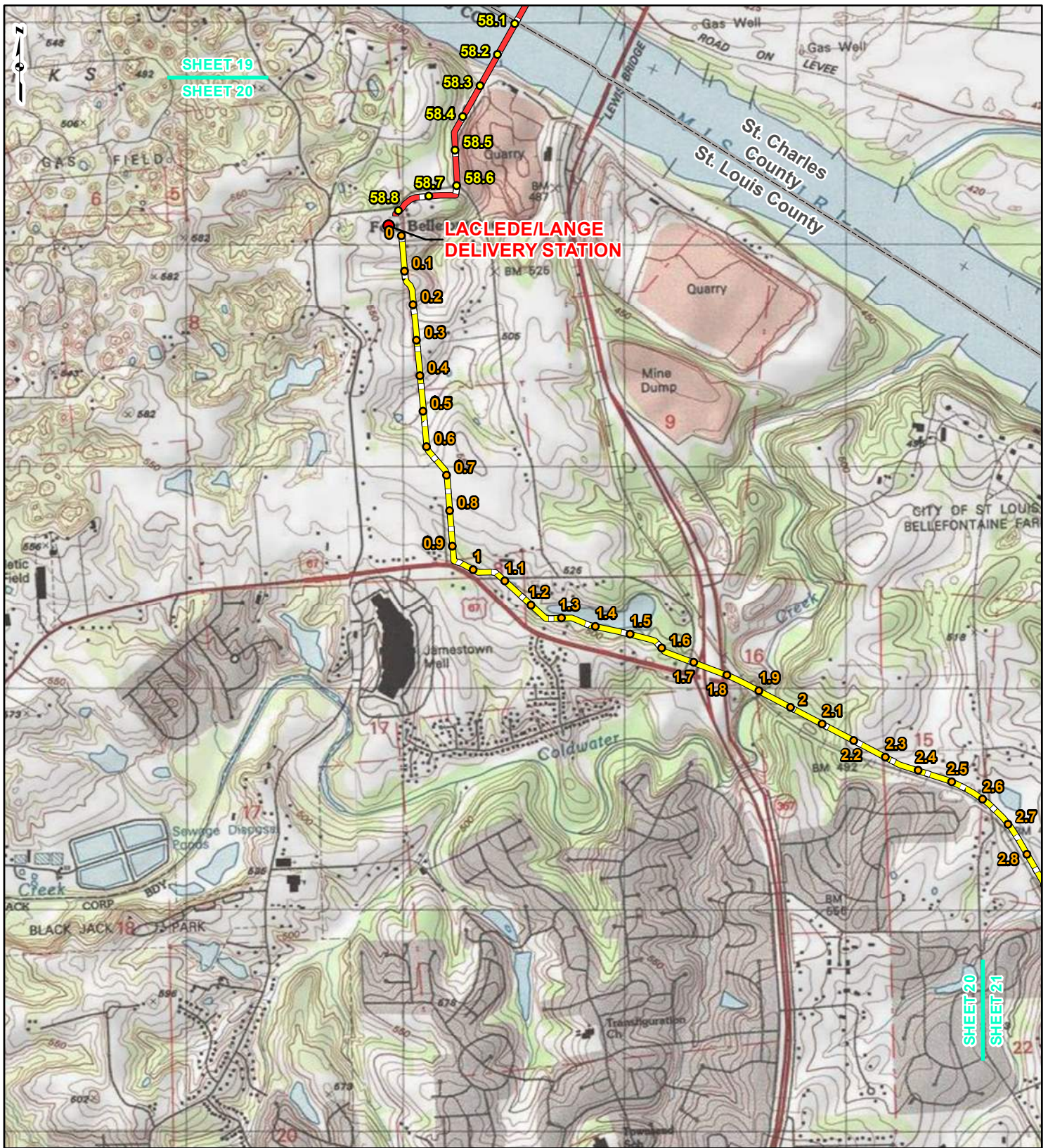
**FIGURE 1**  
**LOCATION MAP**  
**SHEET 19 OF 21**

**SPIRE STL PIPELINE PROJECT**

DRAWN BY: PMH      DATE: 3/28/2017  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLOISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE NORTH COUNTY
● 24-INCH PIPELINE MILEPOST	— 24-INCH PIPELINE EXTENSION
● NORTH COUNTY MILEPOST	▭ COUNTY BOUNDARY
● EXTENSION MILEPOST	▭ STATE BOUNDARY

0    1,000    2,000    4,000 Feet

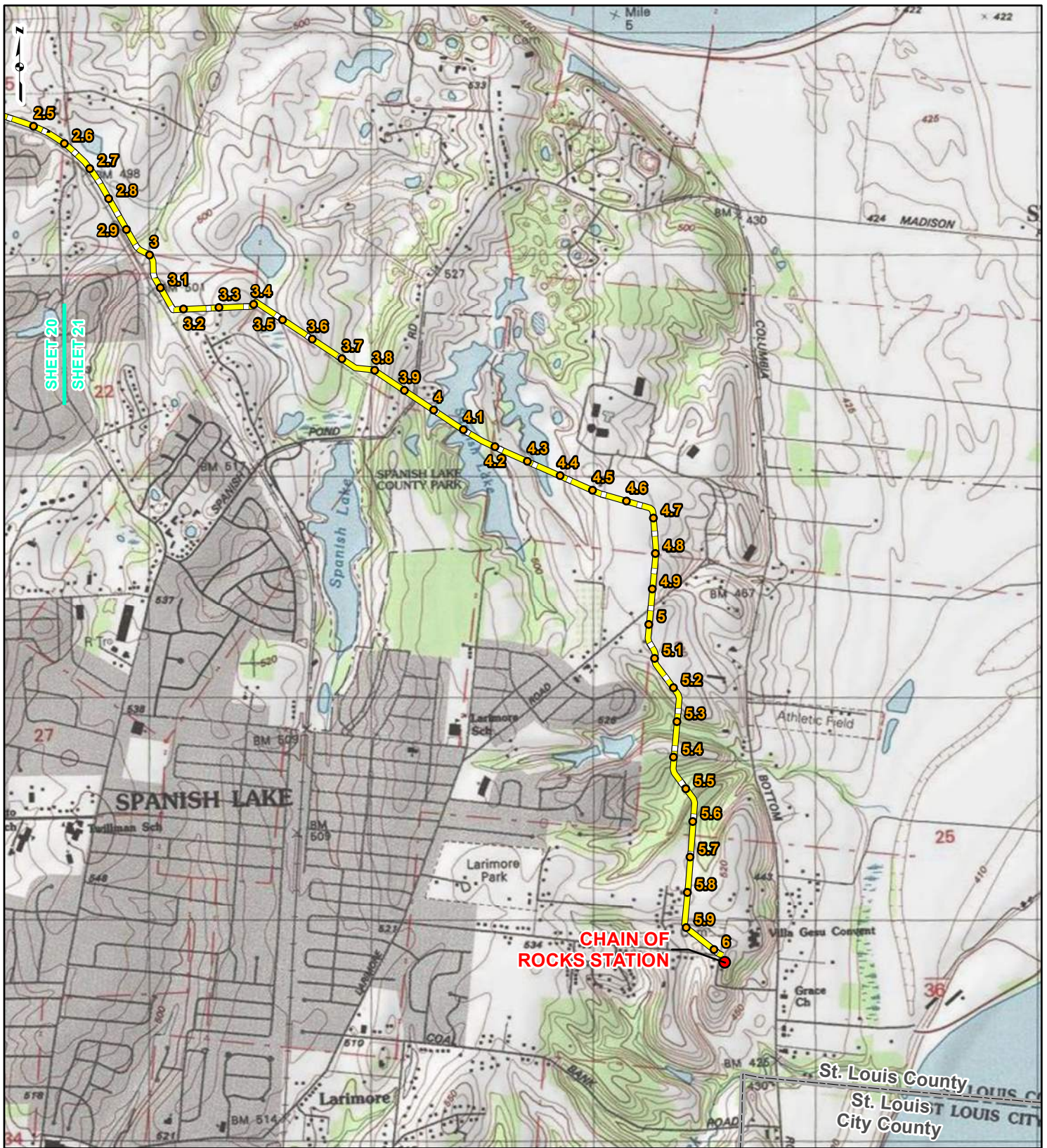
**FIGURE 1  
LOCATION MAP  
SHEET 20 OF 21**

**SPIRE STL  
PIPELINE  
PROJECT**

DRAWN BY: PMH      DATE: 3/28/2017  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ELSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLORISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE NORTH COUNTY
● 24-INCH PIPELINE EXTENSION	— 24-INCH PIPELINE EXTENSION
● NORTH COUNTY MILEPOST	□ COUNTY BOUNDARY
● EXTENSION MILEPOST	□ STATE BOUNDARY

0    1,000    2,000    4,000 Feet

**FIGURE 1  
LOCATION MAP  
SHEET 21 OF 21**

**SPIRE STL  
PIPELINE  
PROJECT**

DRAWN BY: PMH      DATE: 3/28/2017  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLORISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**United States Environmental Protection Agency**



GAI Consultants, Inc.-Chicago Office  
2300 Cabot Drive, Suite 395  
Lisle, Illinois 60532

T 630.605.5255

March 28, 2017

Mr. Joe Summerlin  
Environmental Impact Statements Contact  
United States Environmental Protection Agency - Region 7  
11201 Renner Blvd  
Lenexa, KS 66219

**Re: Supplemental Information (Docket No. CP17-40)  
Spire STL Pipeline LLC  
Spire STL Pipeline Project  
Scott, Greene, and Jersey Counties, Illinois  
and St. Charles and St. Louis Counties, Missouri**

Dear Mr. Summerlin:

In June 2016, Spire Pipeline LLC ("Spire") initiated consultation with your office regarding their intent to construct, own, and operate the proposed Spire STL Pipeline Project ("Project") which consisted of approximately 59 miles of new, greenfield 24-inch-diameter steel pipeline (referred to as the "24-inch pipeline") originating at an interconnection with the Rockies Express Pipeline LLC ("REX") pipeline in Scott County, Illinois; extending down through Greene and Jersey counties in Illinois before crossing the Mississippi River and extending east into St. Charles County, Missouri, crossing the Missouri River and tying into an existing pipeline in St. Louis County, Missouri that is currently owned and operated by Laclede Gas Company ("LGC") (referred to as "Line 880"). Line 880 consisted of approximately seven miles of existing 20-inch-diameter steel pipeline. As part of the proposed Project, Spire was planning on modifying Line 880 before placing it in to interstate service. The Project also included the construction of minor aboveground metering and regulating ("M&R") stations. On January 26, 2017, Spire filed an application with the Federal Energy Regulatory Commission ("FERC") for a Certificate of Public Convenience and Necessity for the Project (Docket No. CP17-40-000).

On March 15, 2017, Spire filed a "Preliminary Notification of Preferred Route Change" with FERC, indicating that the Spire no longer plans to modify the existing Line 880 as part of the Project. Instead, Spire intends to construct a new, greenfield 24-inch pipeline (referred to as the "North County Extension") which will extend the 24-inch pipeline portion of the Project to a proposed interconnect with Enable Mississippi River Transmission ("Enable MRT"). Spire plans to file an amended application with FERC in April 2017. GAI Consultants, Inc. ("GAI"), on behalf of Spire, is submitting supplemental information to assist with your review of the Project as amended. An updated description of the proposed Project facilities and location map (Figure 1) are provided herein.

**Amended Project Description**

The amended Project as proposed will consist of approximately 65 miles of new, greenfield, 24-inch-diameter steel pipeline in two segments. The first segment (referred to as the "24-inch pipeline" portion of the Project) will originate at a new interconnect with the REX pipeline in Scott County, Illinois and extend approximately 59 miles through Greene and Jersey Counties in Illinois before crossing the Mississippi River and extending east through St. Charles County, Missouri. The 24-inch pipeline then crosses the Missouri River into St. Louis County, Missouri, and terminates at a new interconnect with LGC. The second segment of new, greenfield pipeline, North County Extension, will consist of a 24-inch-diameter steel pipeline which will extend approximately six miles from the LGC

interconnect through the northern portion of St. Louis County and terminate at a new interconnect with Enable MRT and LGC. The total length of the Project pipeline will be approximately 65 miles. The overall design capacity of the Project pipeline is expected to be 400,000 dekatherms per day ("Dth/d"). No compression will be required. The Project also includes the construction of three new M&R stations that provide interconnects with (1) REX in Illinois, (2) LGC in Missouri, and (3) Enable MRT and LGC in Missouri.

The acquisition and modifications to LGC's existing Line 880 is no longer proposed as part of the Project.

Spire anticipates a typical 90-foot temporary construction right-of-way width, and a 50-foot permanent easement. The construction right-of-way is anticipated to be reduced to 75 feet at streams and wetlands. An additional 25 feet of temporary work space will be required through agricultural areas, and additional temporary work space will be required to facilitate construction in certain areas, such as crossings of roads, railroads, streams, and wetlands.

The updated Project schedule includes the following target dates:

- July 22, 2016 - National Environmental Policy Act ("NEPA") process began (initiation of FERC Pre-filing process);
- August 2016 through March 2017 (Anticipated) - Biological and Cultural Resource Surveys;
- January 26, 2017 - Application Filed with FERC;
- April 2017 (Anticipated) - File Amended Application with FERC;
- September 2017 (Anticipated) - Draft NEPA Document Published; and
- December 2017 (Anticipated) - FERC Decision on Application.

Construction is anticipated to commence in January 2018.

**On behalf of Spire, we'd like to take this opportunity to invite the United States Environmental Protection Agency - Region 7 to provide comments regarding the Project as it will be amended. We appreciate your continued involvement and cooperation in the review of this important Project.**

If you have any questions or would like additional information, please feel free to contact me at 630.605.5255 or by e-mail at L.Ferry@gaiconsultants.com.

Sincerely,

**GAI Consultants, Inc.**



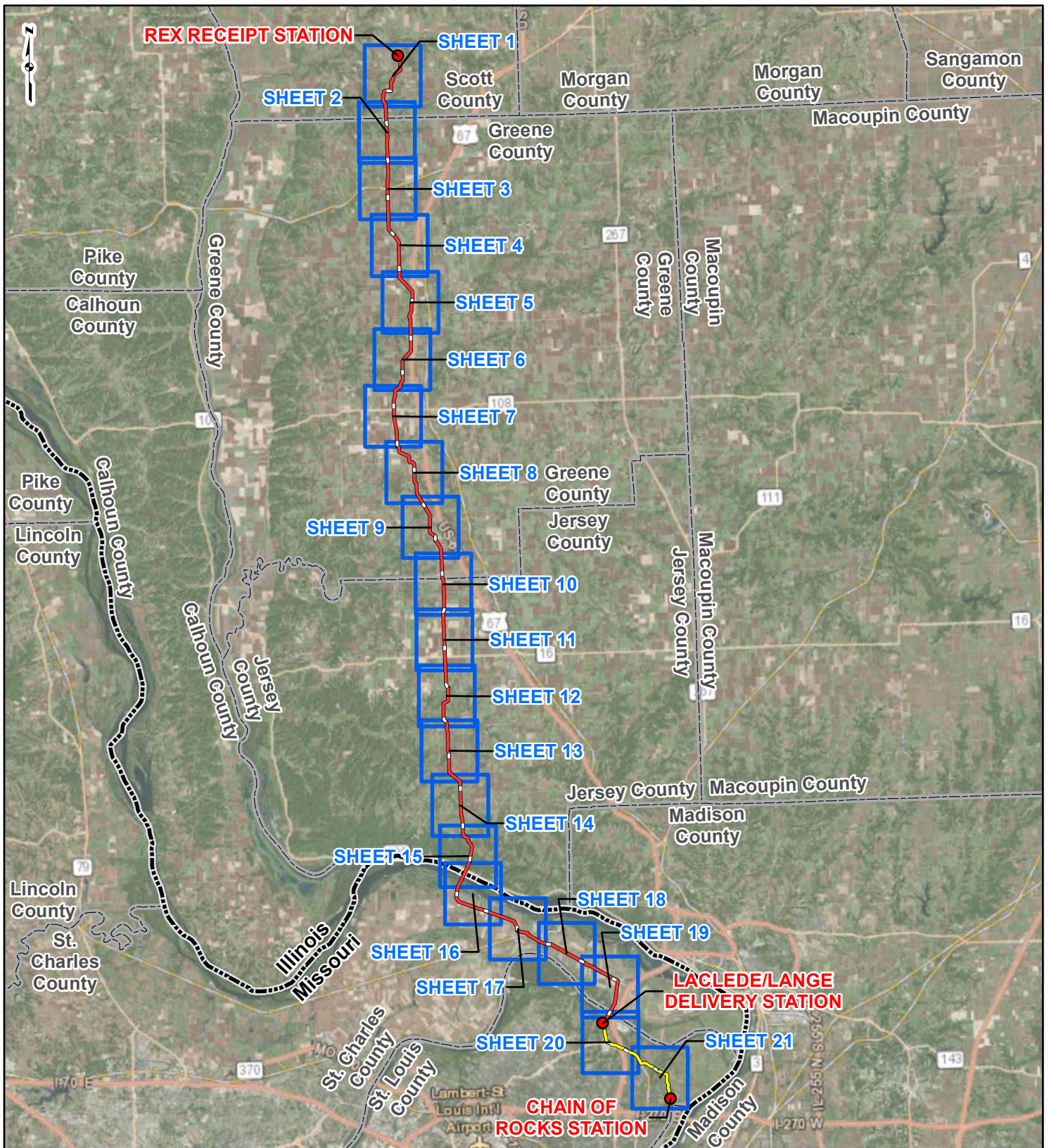
Lori M. Ferry  
Environmental Manager

LMF/ka

Attachment: United States Geological Survey (USGS) Topographic Map (Figure 1)

**ATTACHMENT**  
**USGS TOPOGRAPHIC MAP (FIGURE 1)**





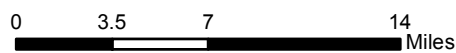
**PROJECT LOCATION**



SCOTT, GREENE  
AND JERSEY  
COUNTIES, ILLINOIS  
AND ST. CHARLES AND  
ST. LOUIS COUNTIES, MISSOURI

**LEGEND**

- PROPOSED FACILITIES
- 24-INCH PIPELINE
- NORTH COUNTY EXTENSION
- SHEET INDEX
- COUNTY BOUNDARY
- STATE BOUNDARY



**FIGURE 1  
LOCATION MAP  
SHEET INDEX**

**SPIRE STL  
PIPELINE  
PROJECT**

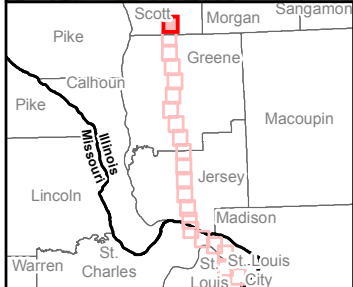
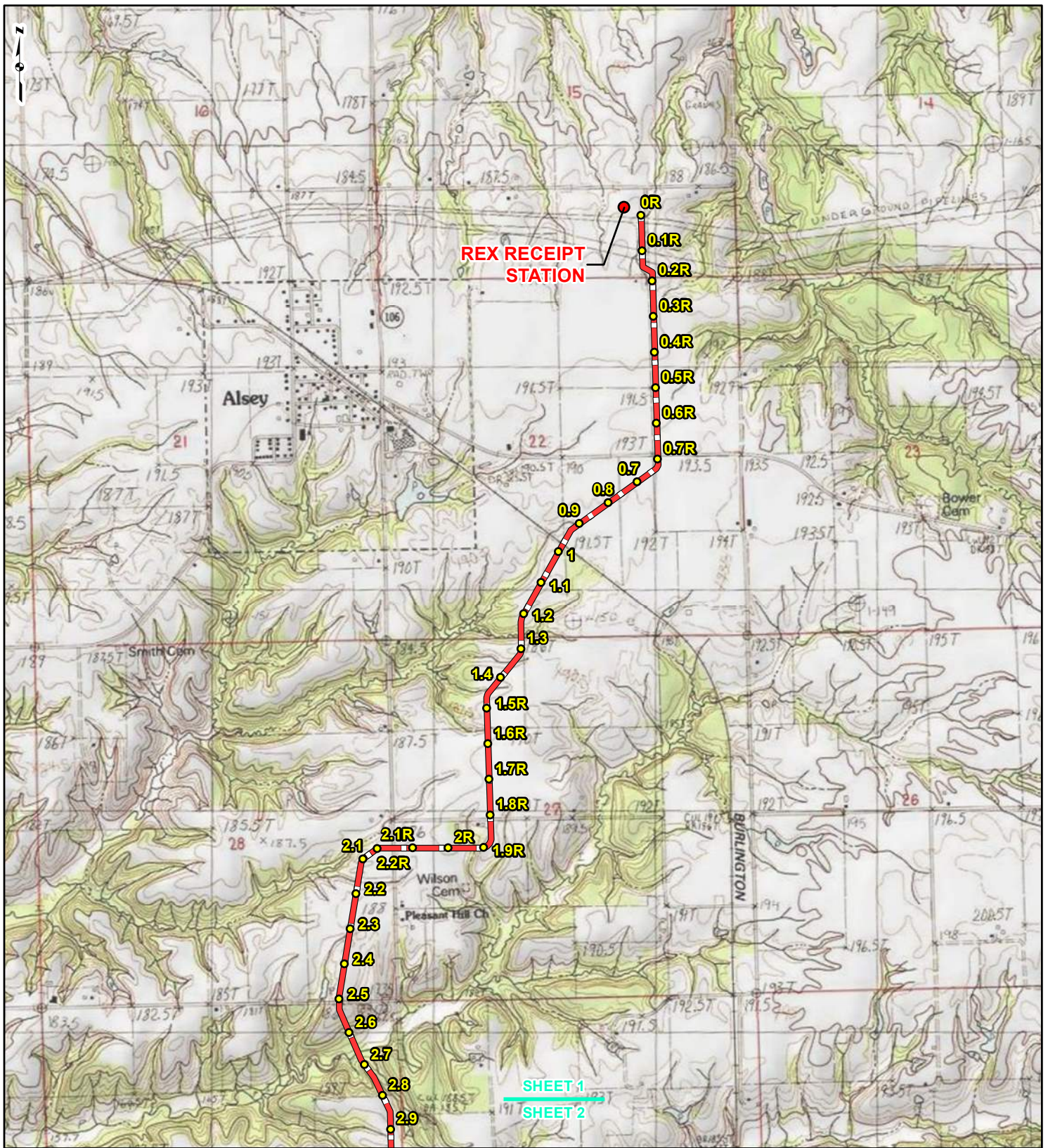


DRAWN BY: PMH  
CHECKED: SWW

DATE: 3/28/2017  
APPROVED: LMF

REFERENCE: ESRI WORLD IMAGERY AND TRANSPORTATION, NAIP, USDA FSA, 2015, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE NORTH COUNTY
● 24-INCH PIPELINE MILEPOST	— EXTENSION
● NORTH COUNTY EXTENSION MILEPOST	□ COUNTY BOUNDARY
	□ STATE BOUNDARY

0 1,000 2,000 4,000 Feet

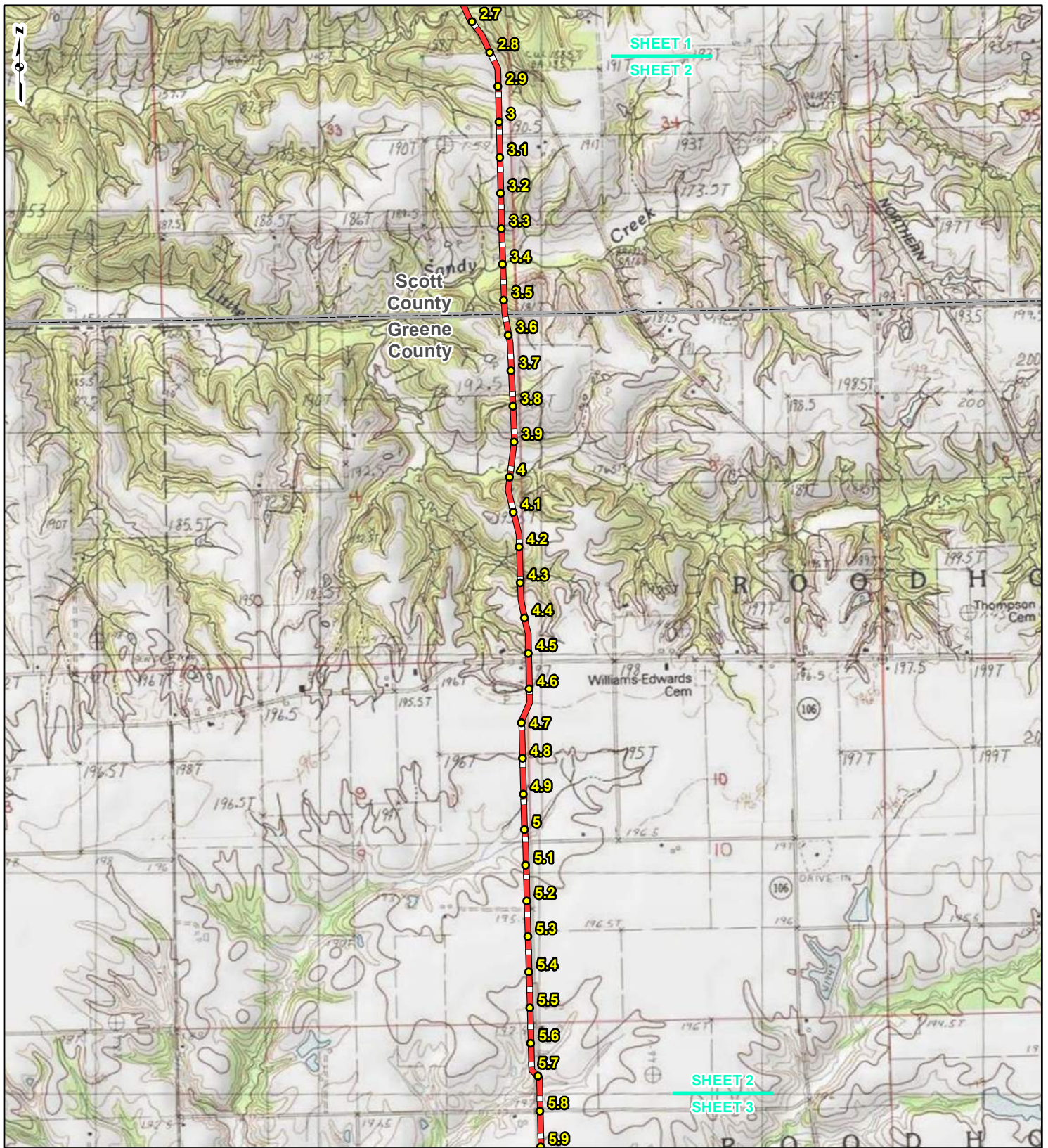
**FIGURE 1  
LOCATION MAP  
SHEET 1 OF 21**

**SPIRE STL  
PIPELINE  
PROJECT**

DRAWN BY: PMH      DATE: 3/28/2017  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSA (1995), FLORISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE MILEPOST	— NORTH COUNTY EXTENSION
● NORTH COUNTY EXTENSION MILEPOST	▭ COUNTY BOUNDARY
	▭ STATE BOUNDARY

0    1,000    2,000    4,000 Feet

**FIGURE 1  
LOCATION MAP  
SHEET 2 OF 21**

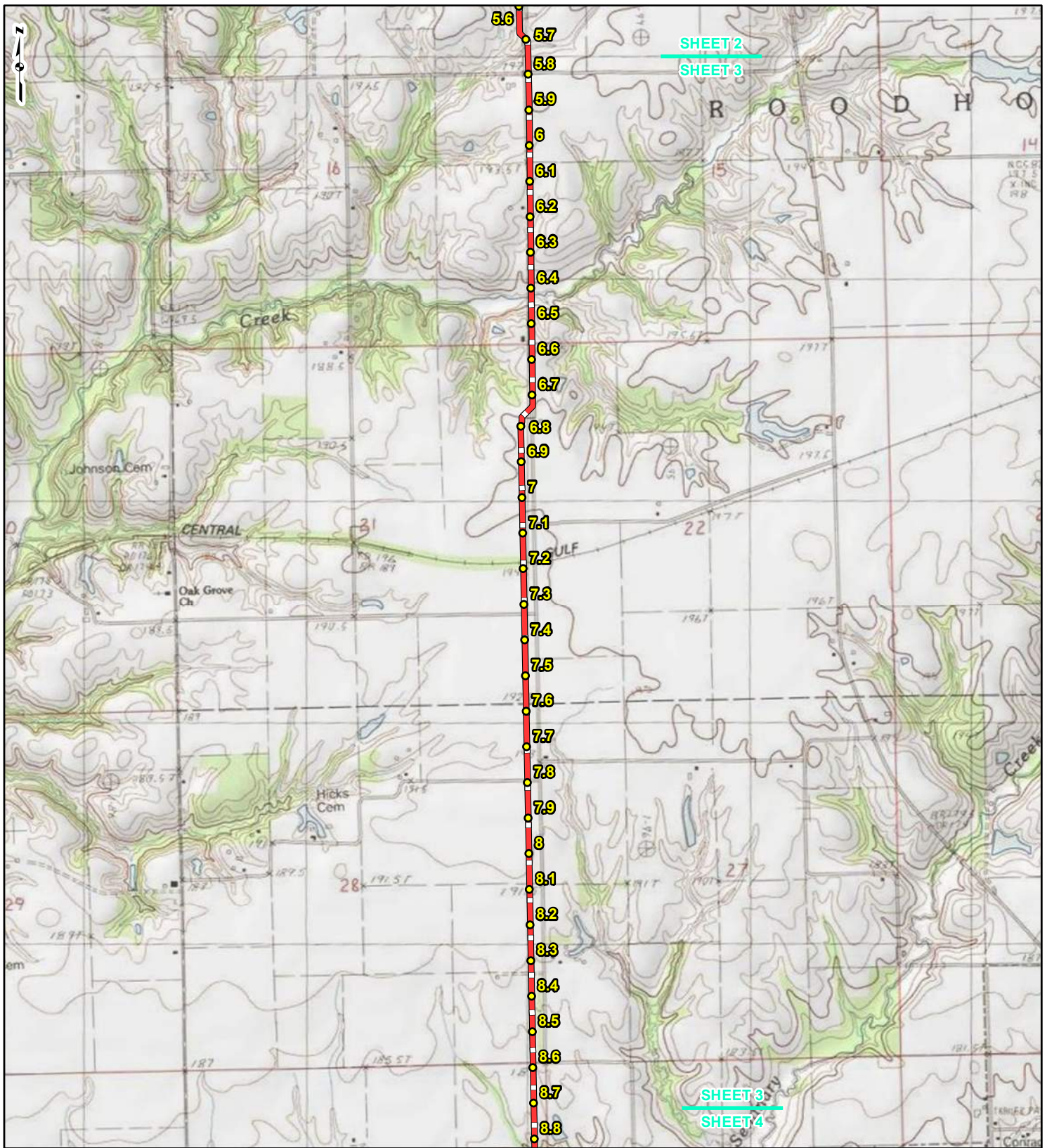
**SPIRE STL  
PIPELINE  
PROJECT**

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DRAWN BY: PMH      DATE: 3/28/2017  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLOISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.







**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE	— NORTH COUNTY
● MILEPOST	— EXTENSION
— NORTH COUNTY	▭ COUNTY BOUNDARY
● EXTENSION	▭ STATE BOUNDARY
● MILEPOST	

0    1,000    2,000    4,000  
Feet

**FIGURE 1**  
**LOCATION MAP**  
**SHEET 3 OF 21**

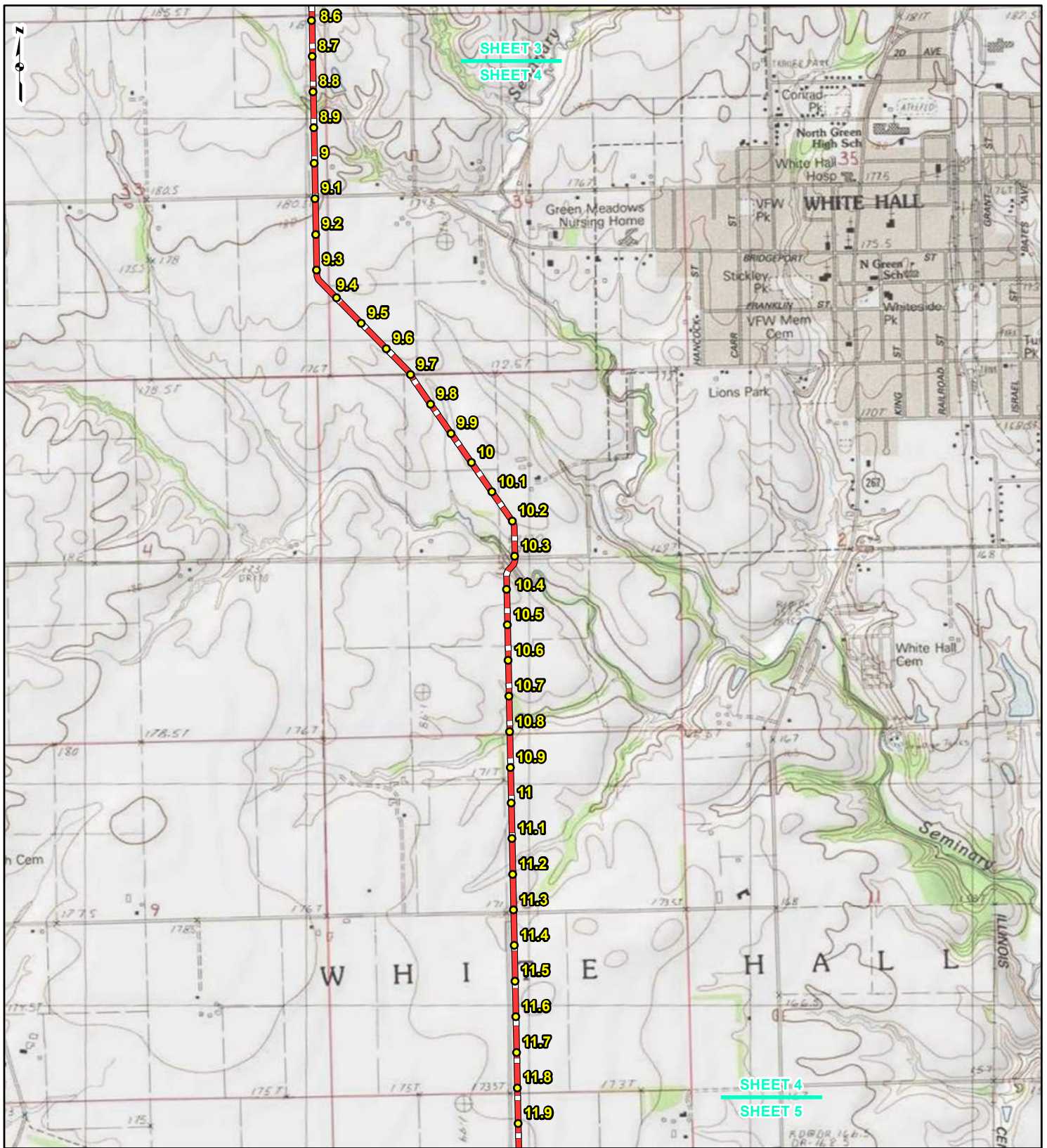
**SPIRE STL**  
**PIPELINE**  
**PROJECT**

DRAWN BY: PMH      DATE: 3/28/2017  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLORISSANT (1995), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE MILEPOST	— NORTH COUNTY EXTENSION
● NORTH COUNTY EXTENSION MILEPOST	▭ COUNTY BOUNDARY
	▭ STATE BOUNDARY

0 1,000 2,000 4,000 Feet

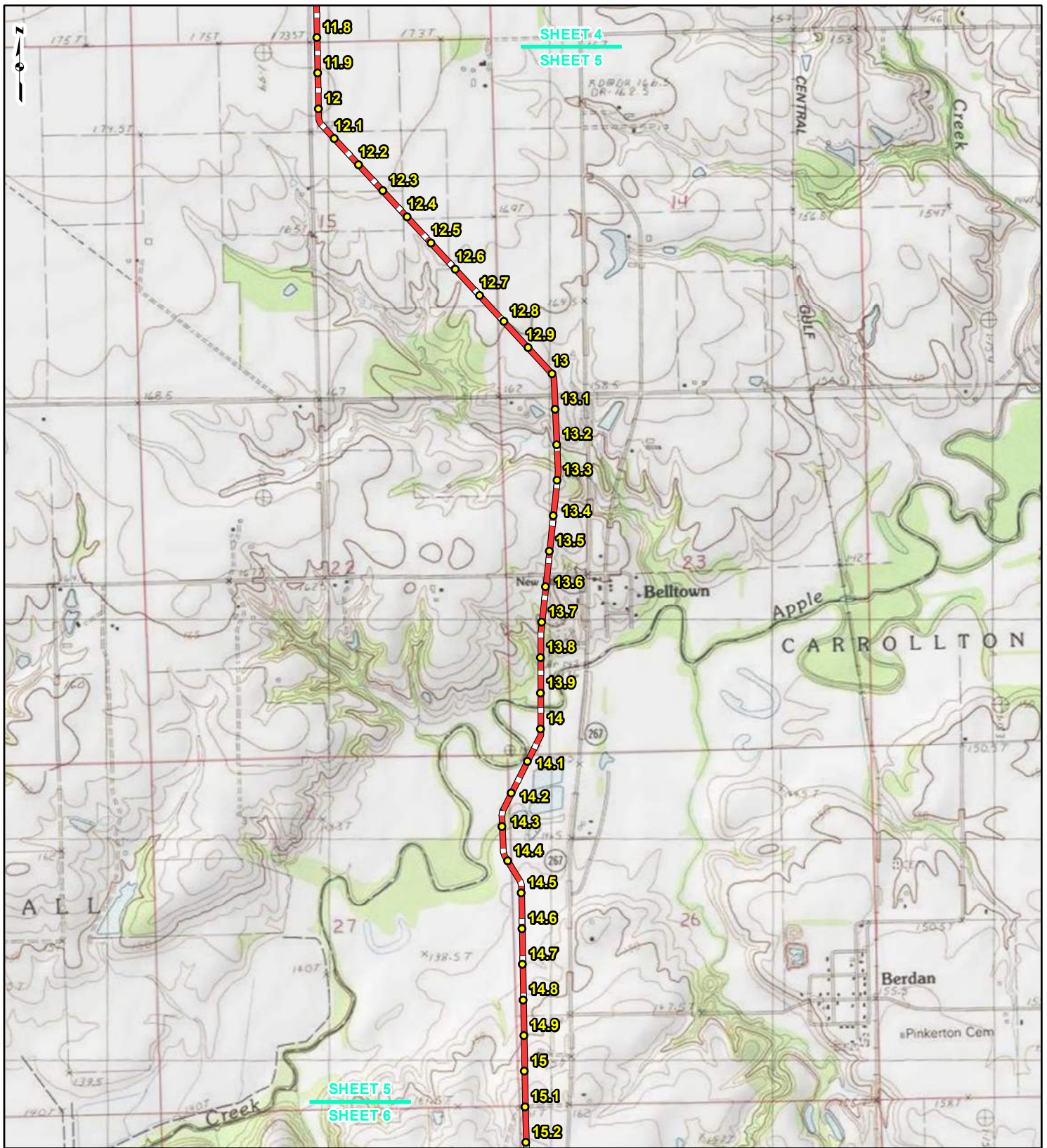
**FIGURE 1  
LOCATION MAP  
SHEET 4 OF 21**

**SPIRE STL  
PIPELINE  
PROJECT**

DRAWN BY: PMH      DATE: 3/28/2017  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLORISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE MILEPOST	— NORTH COUNTY EXTENSION
● NORTH COUNTY EXTENSION MILEPOST	▭ COUNTY BOUNDARY
	▭ STATE BOUNDARY

0    1,000    2,000    4,000 Feet

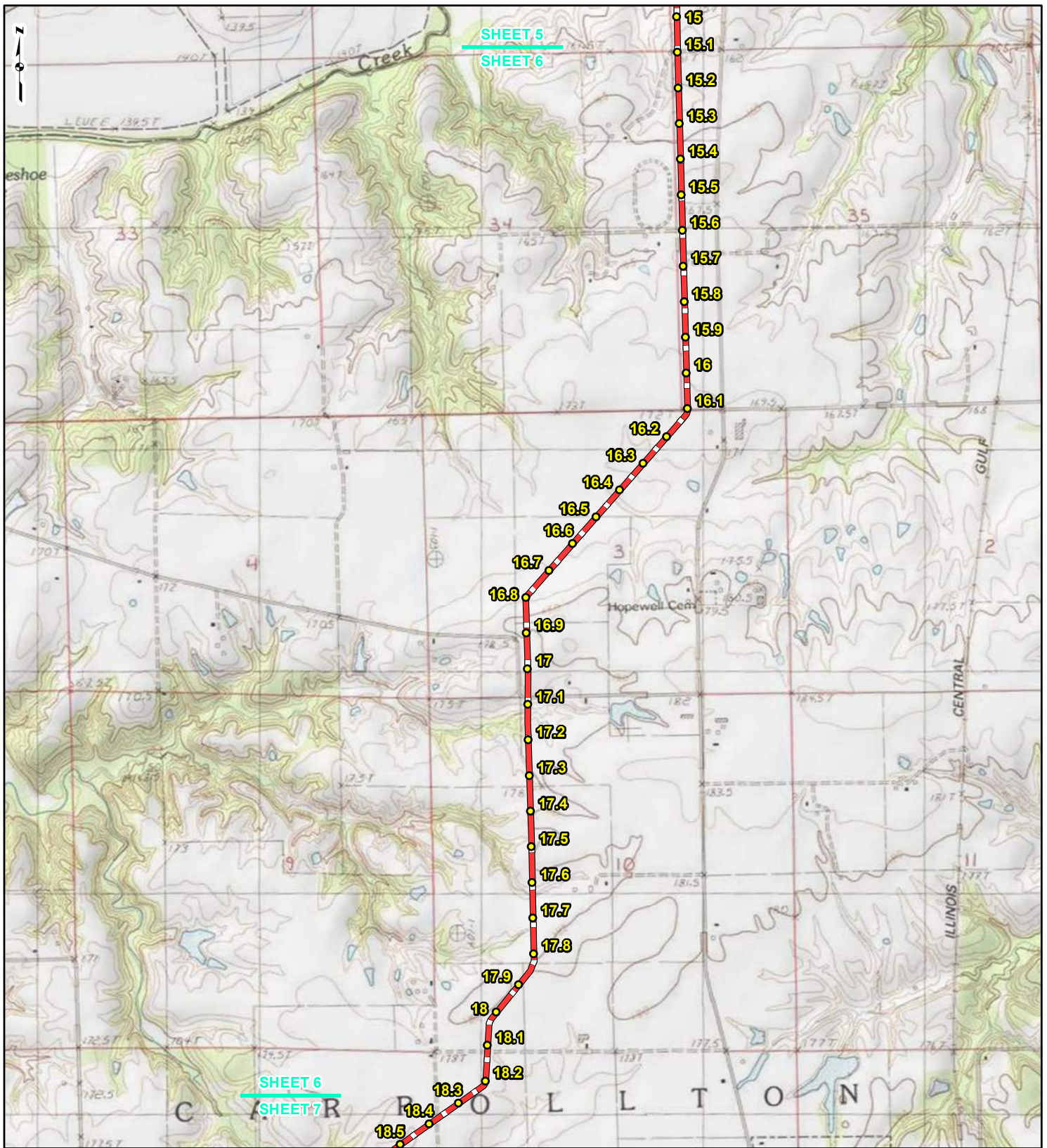
**FIGURE 1  
LOCATION MAP  
SHEET 5 OF 21**

**SPIRE STL  
PIPELINE  
PROJECT**

DRAWN BY: PMH      DATE: 3/28/2017  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLOISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE MILEPOST	— NORTH COUNTY EXTENSION
— NORTH COUNTY EXTENSION	▭ COUNTY BOUNDARY
● MILEPOST	▭ STATE BOUNDARY

0    1,000    2,000    4,000  
Feet

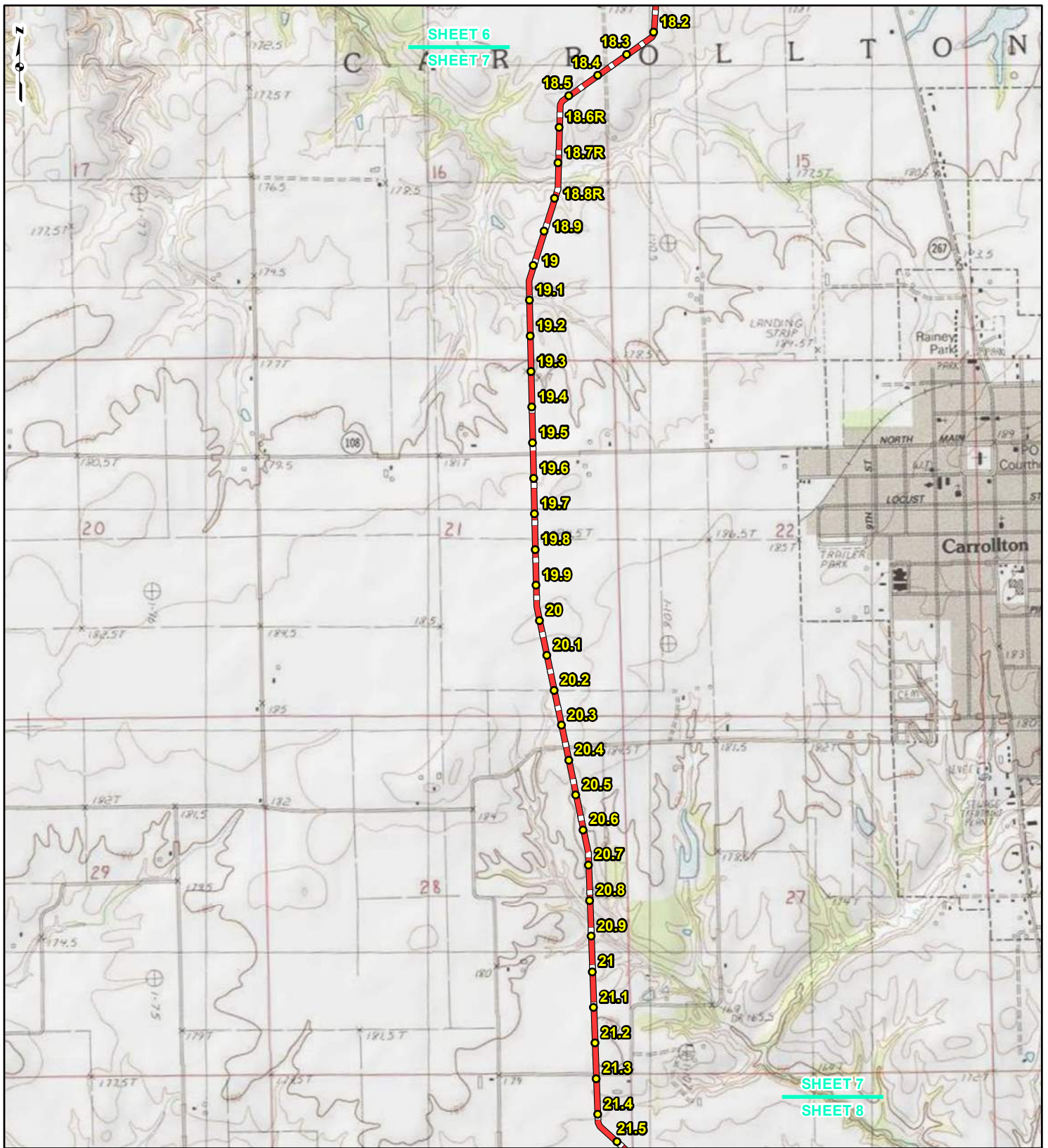
**FIGURE 1  
LOCATION MAP  
SHEET 6 OF 21**

**SPIRE STL  
PIPELINE  
PROJECT**

DRAWN BY: PMH      DATE: 3/28/2017  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLORISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE MILEPOST	— NORTH COUNTY EXTENSION
● NORTH COUNTY EXTENSION MILEPOST	▭ COUNTY BOUNDARY
	▭ STATE BOUNDARY

0    1,000    2,000    4,000 Feet

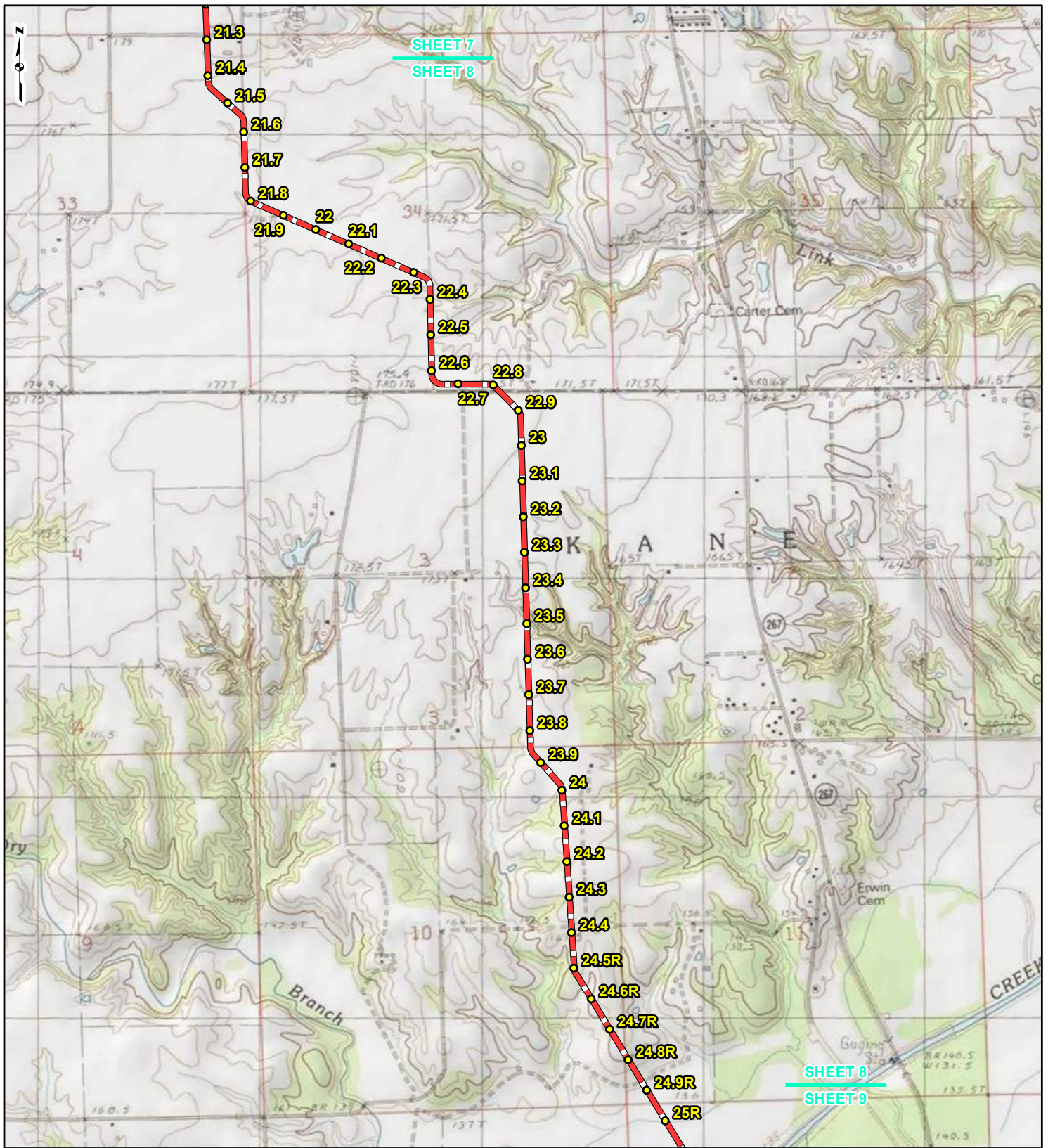
**FIGURE 1  
LOCATION MAP  
SHEET 7 OF 21**

**SPIRE STL  
PIPELINE  
PROJECT**

DRAWN BY: PMH      DATE: 3/28/2017  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLORISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE MILEPOST	— NORTH COUNTY EXTENSION
○ NORTH COUNTY EXTENSION MILEPOST	▭ COUNTY BOUNDARY
	▭ STATE BOUNDARY

0    1,000    2,000    4,000 Feet

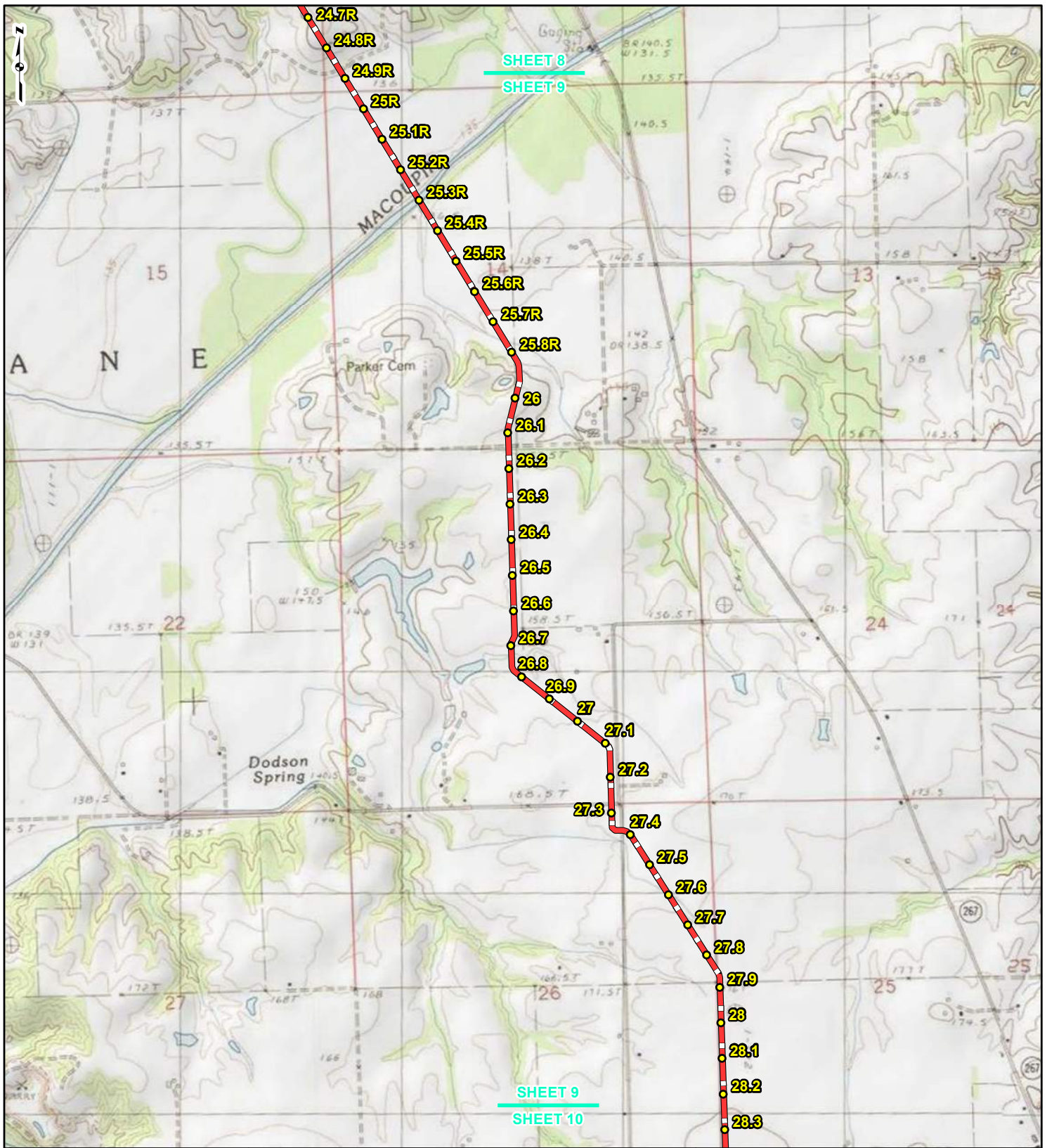
**FIGURE 1  
LOCATION MAP  
SHEET 8 OF 21**

**SPIRE STL  
PIPELINE  
PROJECT**

DRAWN BY: PMH      DATE: 3/28/2017  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLOISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE MILEPOST	— NORTH COUNTY EXTENSION
● NORTH COUNTY EXTENSION MILEPOST	▭ COUNTY BOUNDARY
	▭ STATE BOUNDARY

0    1,000    2,000    4,000 Feet

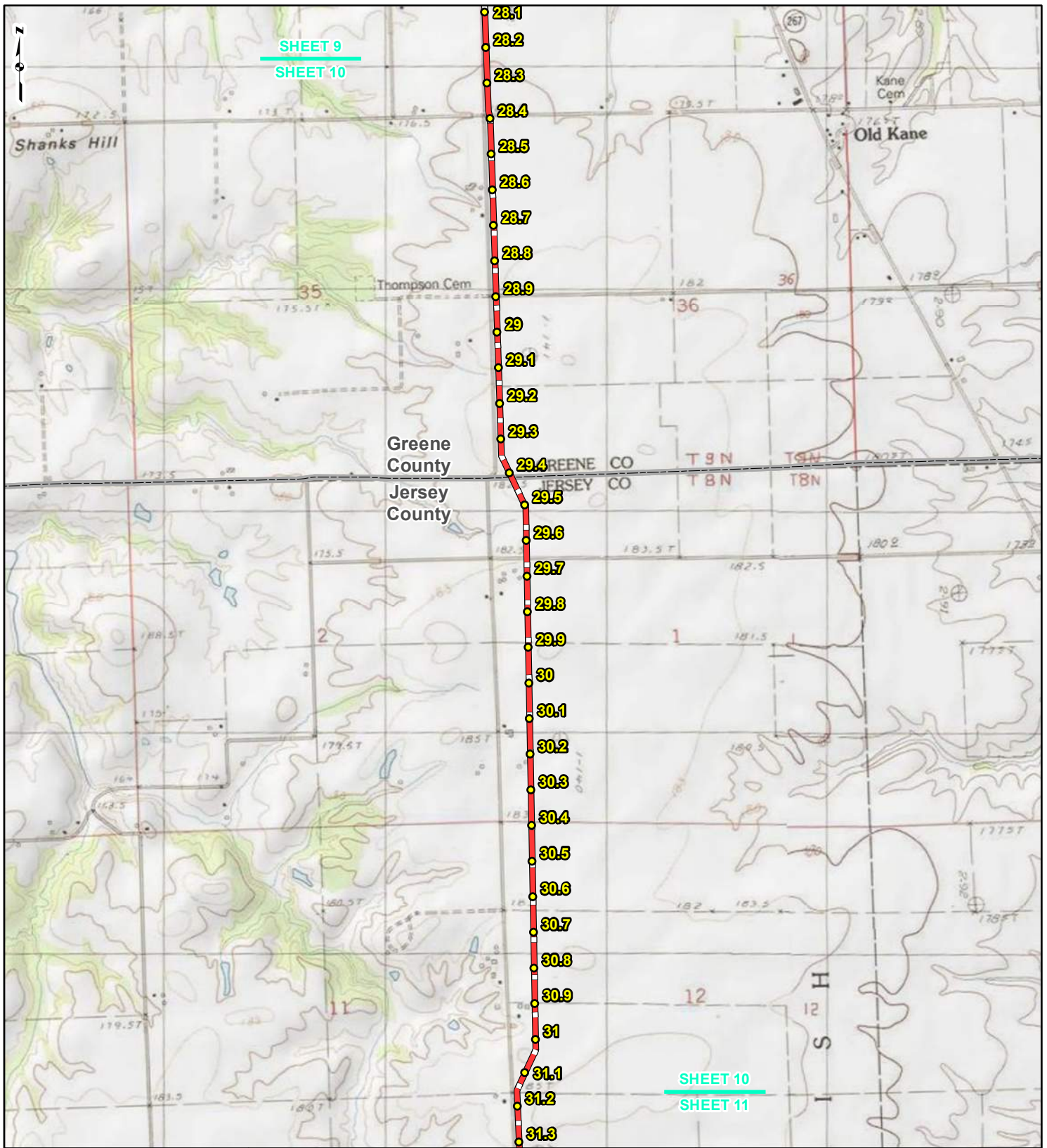
**FIGURE 1  
LOCATION MAP  
SHEET 9 OF 21**

**SPIRE STL  
PIPELINE  
PROJECT**

DRAWN BY: PMH      DATE: 3/28/2017  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLORISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE	— NORTH COUNTY
● MILEPOST	— EXTENSION
— NORTH COUNTY	▭ COUNTY BOUNDARY
● EXTENSION	▭ STATE BOUNDARY
● MILEPOST	

0    1,000    2,000    4,000  
Feet

**FIGURE 1  
LOCATION MAP  
SHEET 10 OF 21**

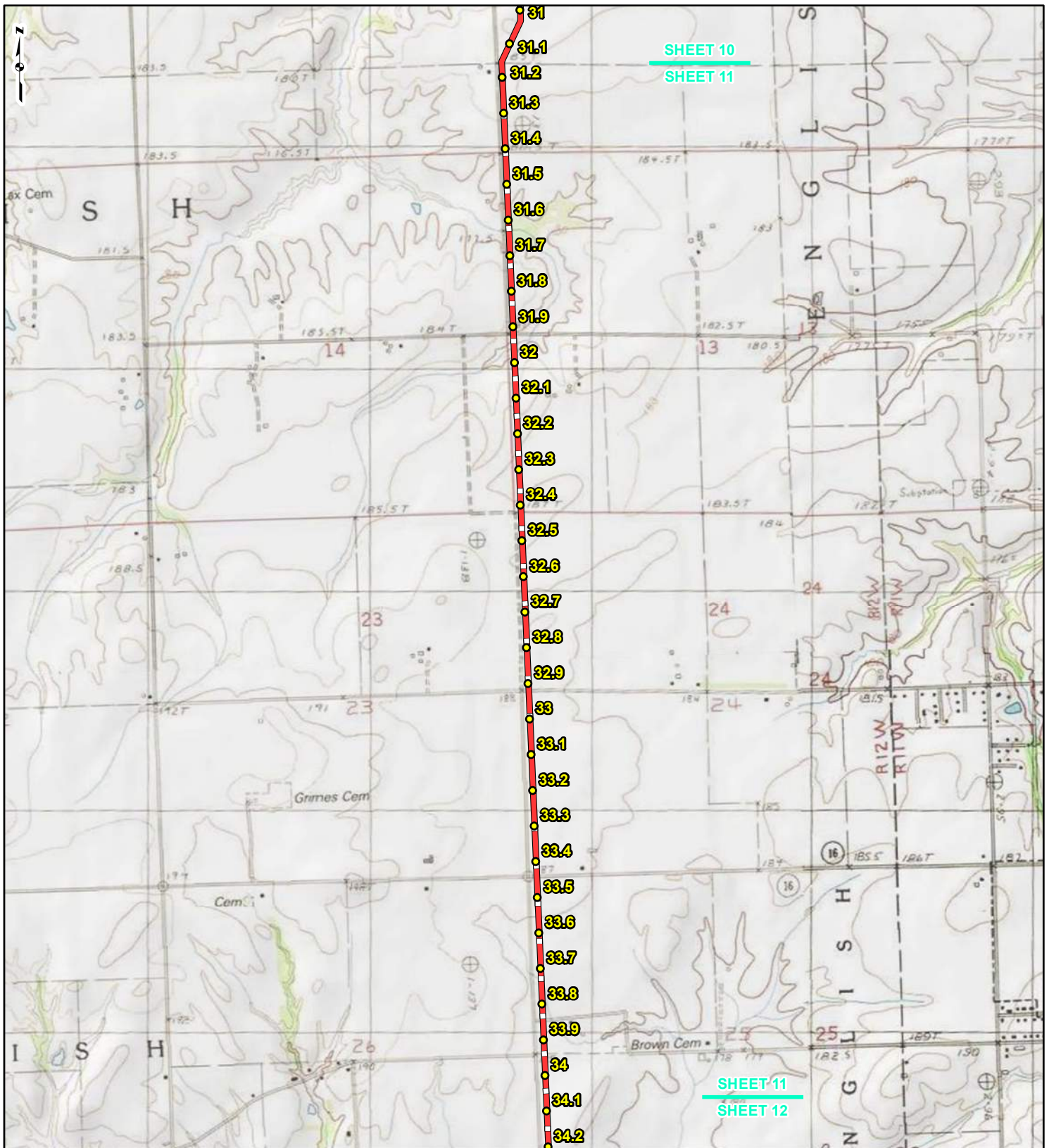
**SPIRE STL  
PIPELINE  
PROJECT**

gai consultants    spire

DRAWN BY: PMH    DATE: 3/28/2017  
CHECKED: SWW    APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLORISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE MILEPOST	— NORTH COUNTY EXTENSION
● NORTH COUNTY EXTENSION MILEPOST	▭ COUNTY BOUNDARY
	▭ STATE BOUNDARY

0    1,000    2,000    4,000 Feet

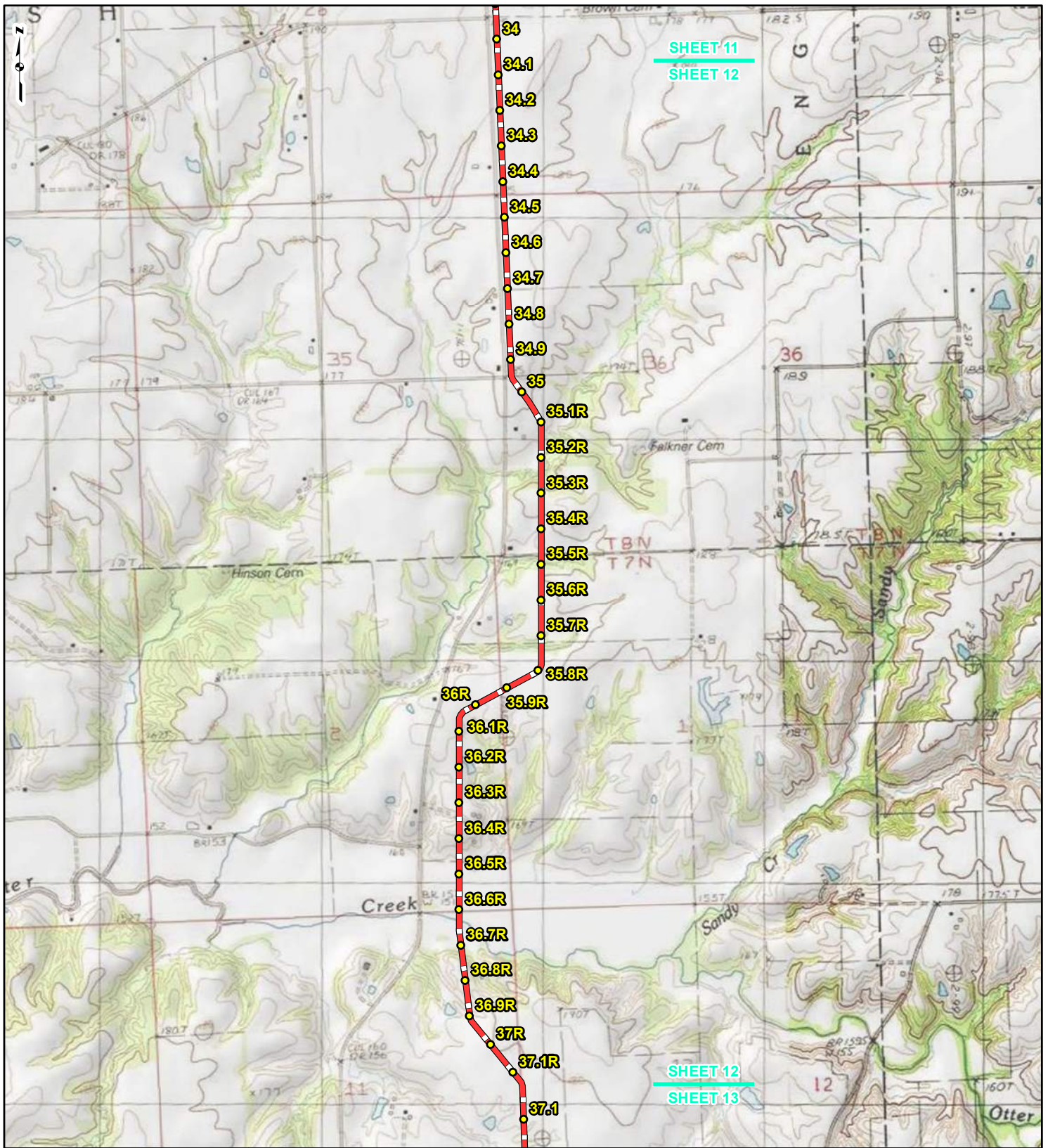
**FIGURE 1  
LOCATION MAP  
SHEET 11 OF 21**

**SPIRE STL  
PIPELINE  
PROJECT**

DRAWN BY: PMH      DATE: 3/28/2017  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), EL SAH (1995), FLORISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





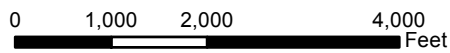
SHEET 11  
SHEET 12

SHEET 12  
SHEET 13



**LEGEND**

- PROPOSED FACILITIES
- 24-INCH PIPELINE MILEPOST
- NORTH COUNTY EXTENSION MILEPOST
- 24-INCH PIPELINE NORTH COUNTY EXTENSION
- ▭ COUNTY BOUNDARY
- ▭ STATE BOUNDARY



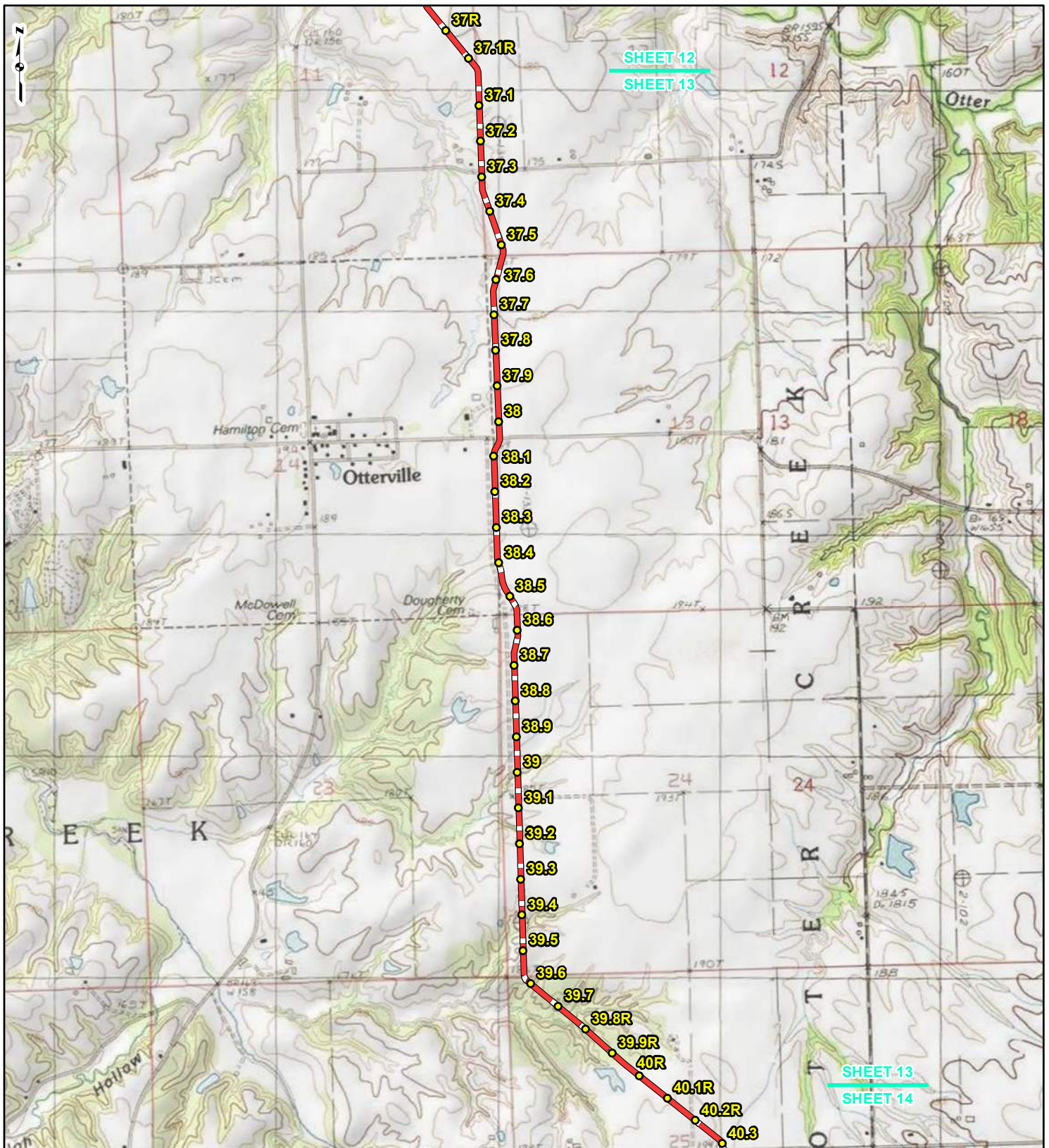
**FIGURE 1**  
**LOCATION MAP**  
**SHEET 12 OF 21**



DRAWN BY: PMH      DATE: 3/28/2017  
CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLOISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE MILEPOST	— NORTH COUNTY EXTENSION
○ NORTH COUNTY EXTENSION MILEPOST	□ COUNTY BOUNDARY
	□ STATE BOUNDARY

0 1,000 2,000 4,000 Feet

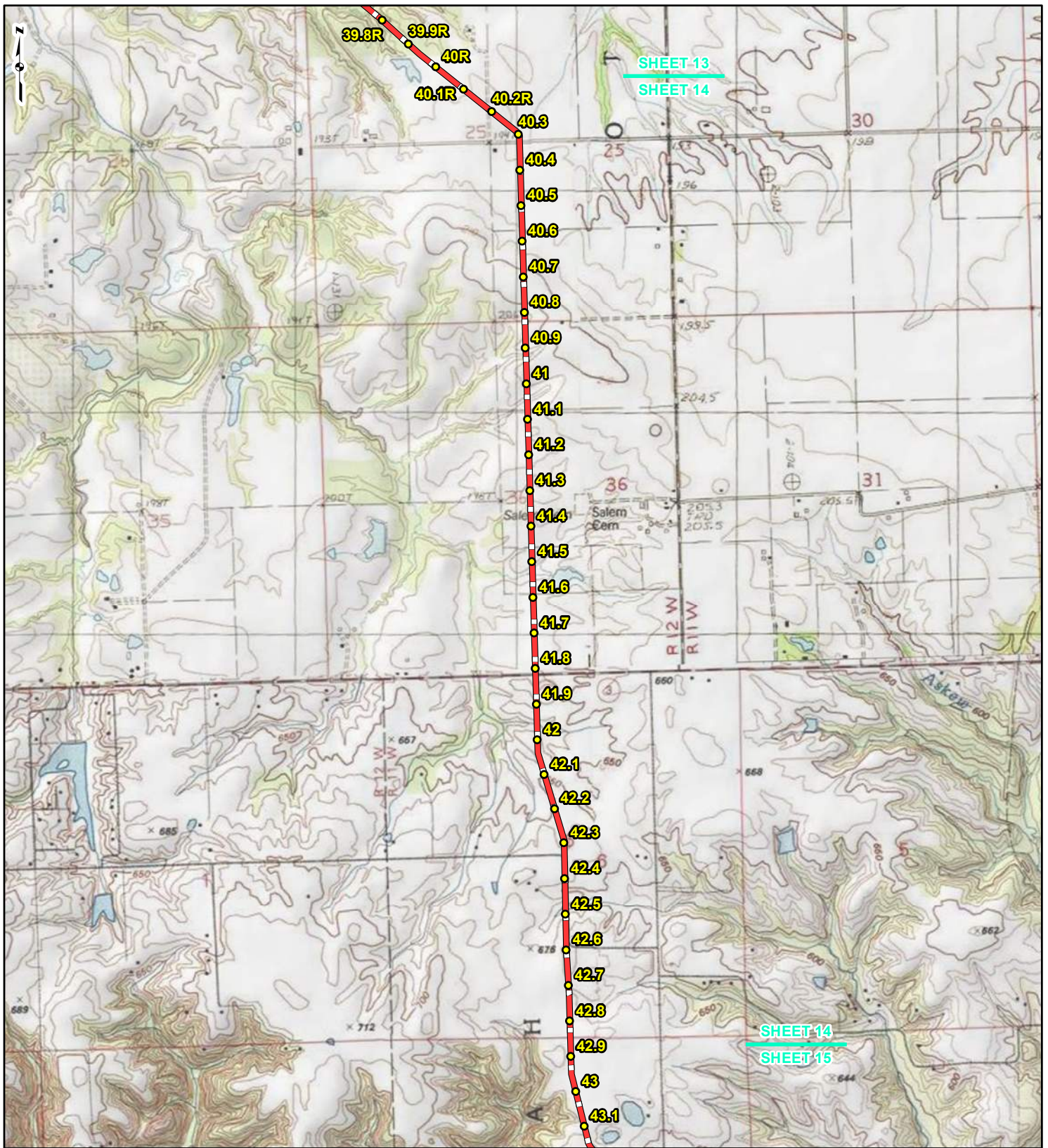
**FIGURE 1  
LOCATION MAP  
SHEET 13 OF 21**

**SPIRE STL PIPELINE PROJECT**

DRAWN BY: PMH      DATE: 3/28/2017  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLOISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE MILEPOST	— NORTH COUNTY EXTENSION
○ NORTH COUNTY EXTENSION MILEPOST	▭ COUNTY BOUNDARY
○ MILEPOST	▭ STATE BOUNDARY

0    1,000    2,000    4,000 Feet

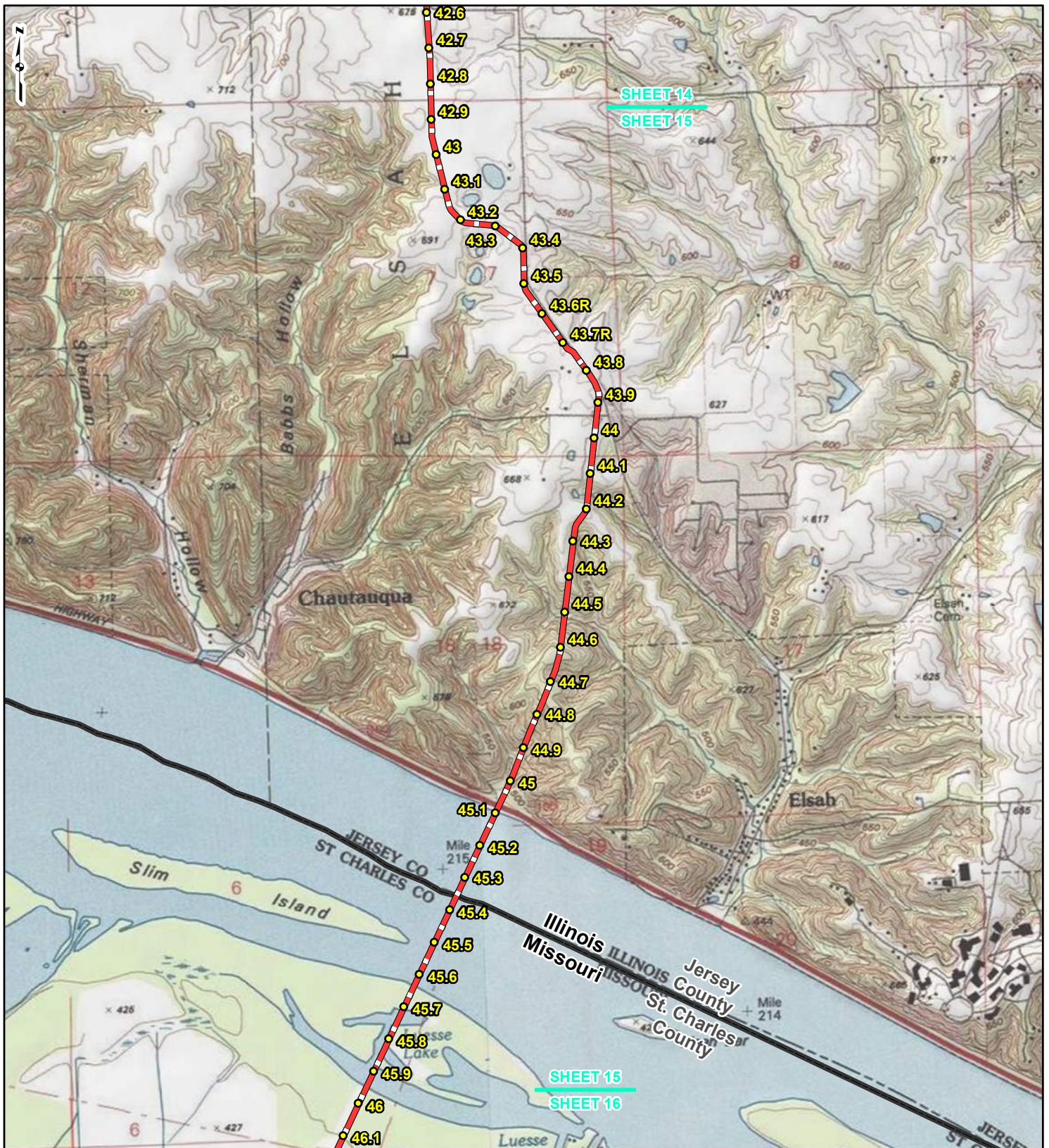
**FIGURE 1  
LOCATION MAP  
SHEET 14 OF 21**

**SPIRE STL  
PIPELINE  
PROJECT**

DRAWN BY: PMH      DATE: 3/28/2017  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLORISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.







**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE	— NORTH COUNTY
● NORTH COUNTY	— EXTENSION
● EXTENSION	▭ COUNTY BOUNDARY
● MILEPOST	▭ STATE BOUNDARY

0    1,000    2,000    4,000  
Feet

**FIGURE 1**  
**LOCATION MAP**  
**SHEET 15 OF 21**

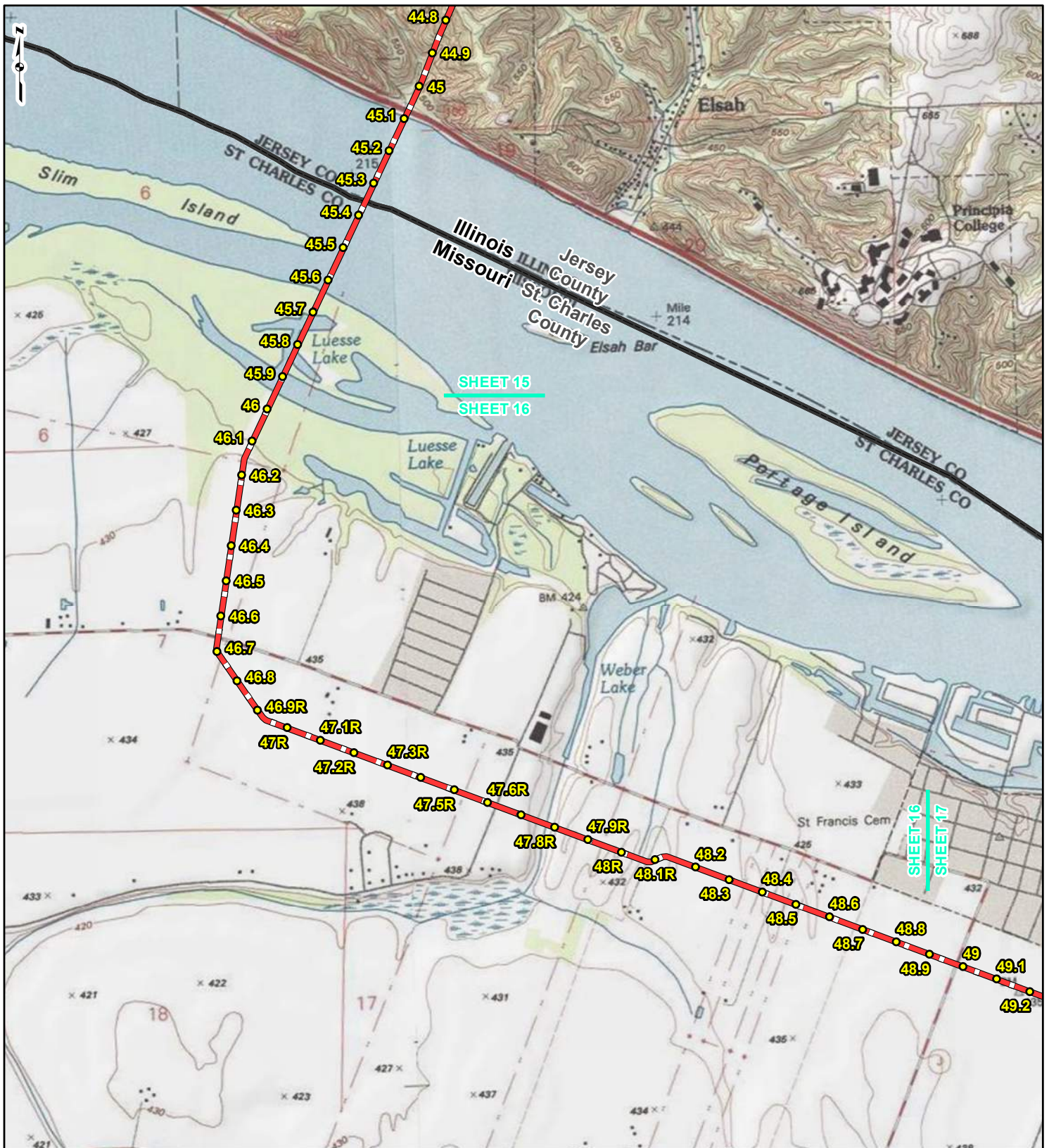
**SPIRE STL**  
**PIPELINE**  
**PROJECT**

DRAWN BY: PMH      DATE: 3/28/2017  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLORISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE	— NORTH COUNTY
● MILEPOST	— EXTENSION
— NORTH COUNTY	▭ COUNTY BOUNDARY
● EXTENSION	▭ STATE BOUNDARY
● MILEPOST	

0    1,000    2,000    4,000  
Feet

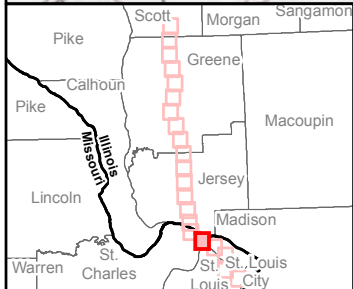
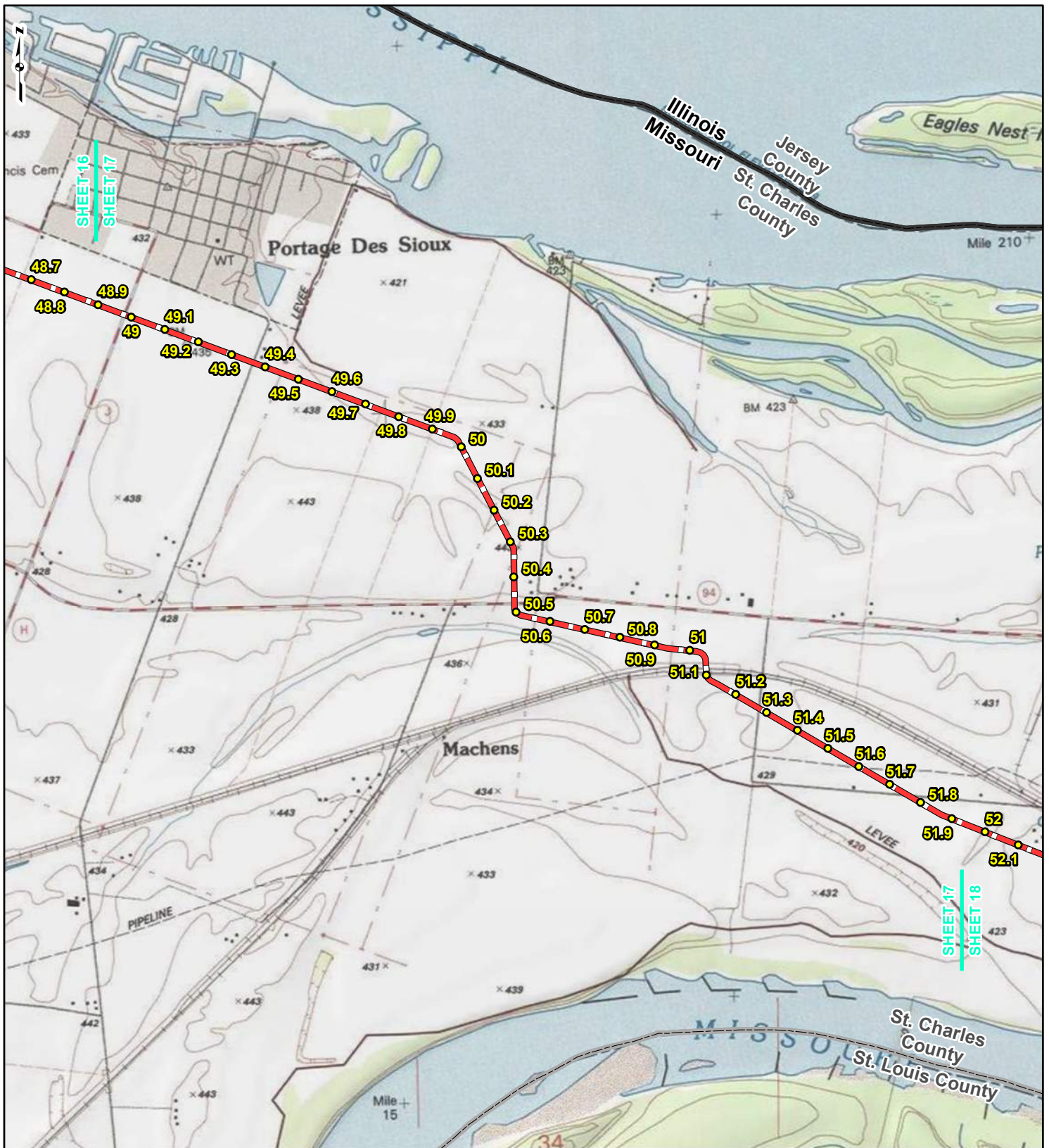
**FIGURE 1**  
**LOCATION MAP**  
**SHEET 16 OF 21**

**SPIRE STL**  
**PIPELINE**  
**PROJECT**

DRAWN BY: PMH      DATE: 3/28/2017  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLOISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE	— NORTH COUNTY
● MILEPOST	— EXTENSION
● NORTH COUNTY	▭ COUNTY BOUNDARY
● EXTENSION	▭ STATE BOUNDARY
● MILEPOST	

0    1,000    2,000    4,000  
Feet

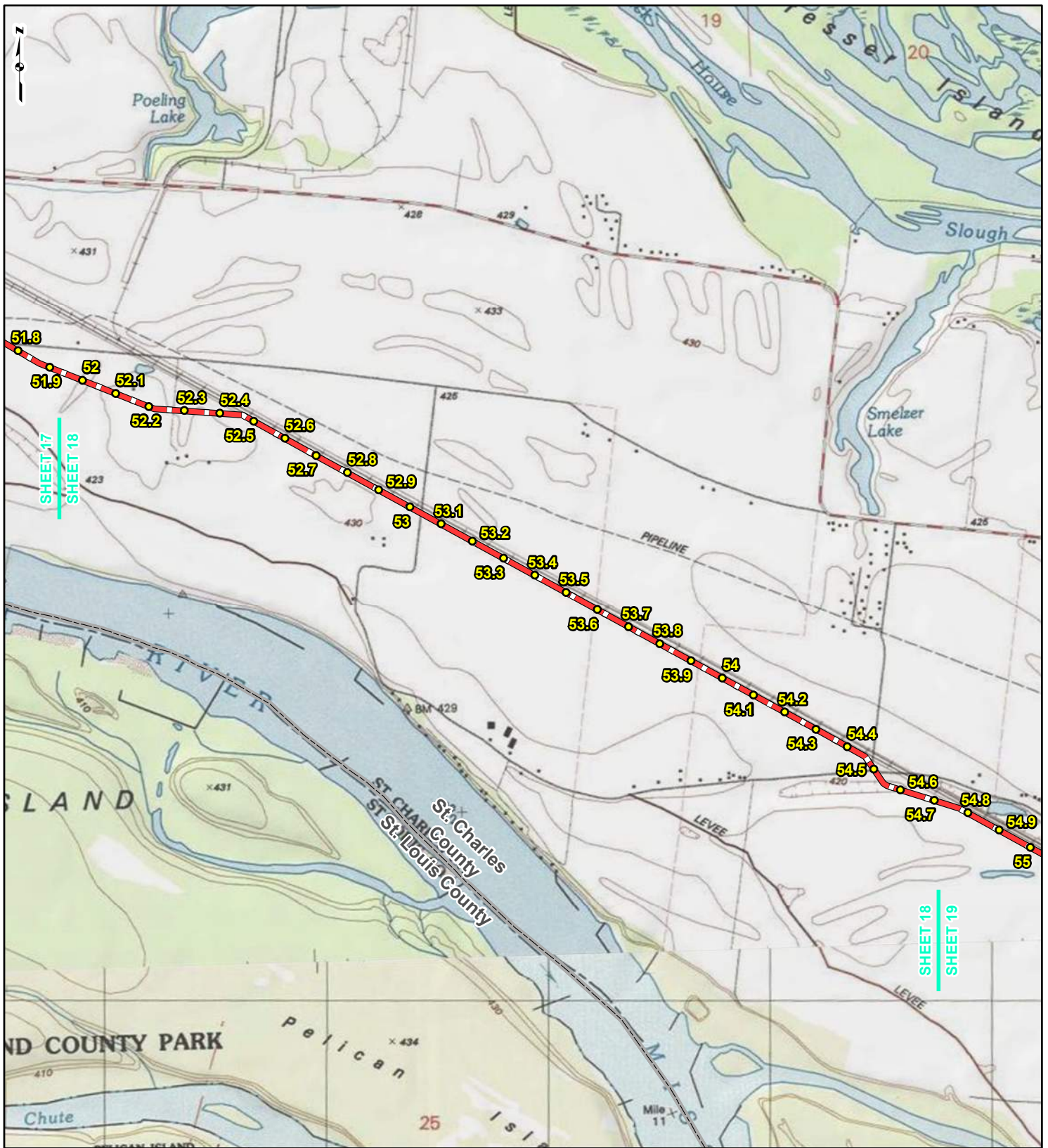
**FIGURE 1  
LOCATION MAP  
SHEET 17 OF 21**

**SPIRE STL  
PIPELINE  
PROJECT**

DRAWN BY: PMH	DATE: 3/28/2017
CHECKED: SWW	APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLORISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.







**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE	— NORTH COUNTY
● MILEPOST	— EXTENSION
— NORTH COUNTY	▭ COUNTY BOUNDARY
● EXTENSION	▭ STATE BOUNDARY
● MILEPOST	

0    1,000    2,000    4,000  
Feet

**FIGURE 1**  
**LOCATION MAP**  
**SHEET 18 OF 21**

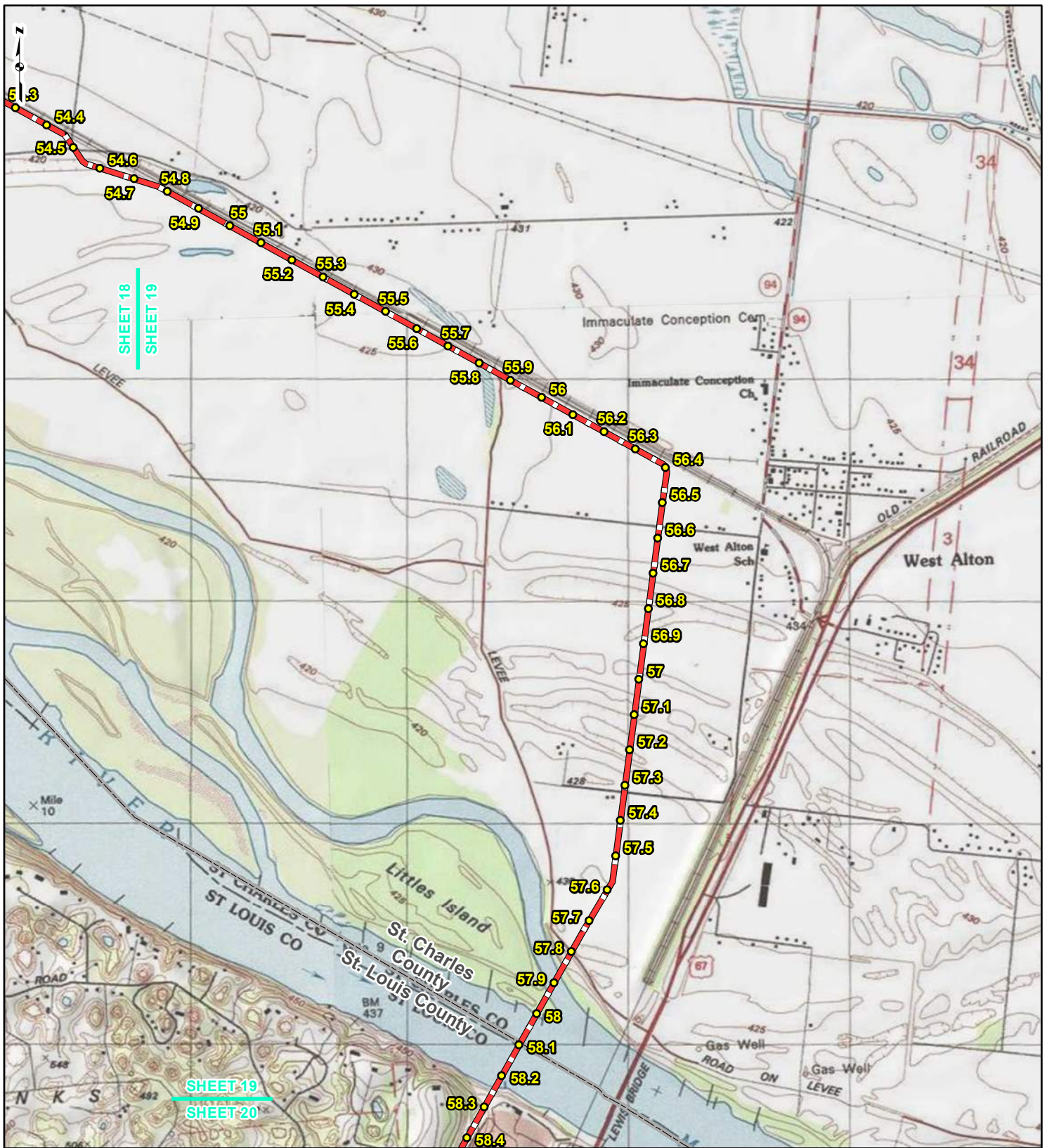
**SPIRE STL**  
**PIPELINE**  
**PROJECT**

DRAWN BY: PMH      DATE: 3/28/2017  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLORISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE	— NORTH COUNTY
● MILEPOST	— EXTENSION
● NORTH COUNTY	▭ COUNTY BOUNDARY
● EXTENSION	▭ STATE BOUNDARY
● MILEPOST	

0    1,000    2,000    4,000  
Feet

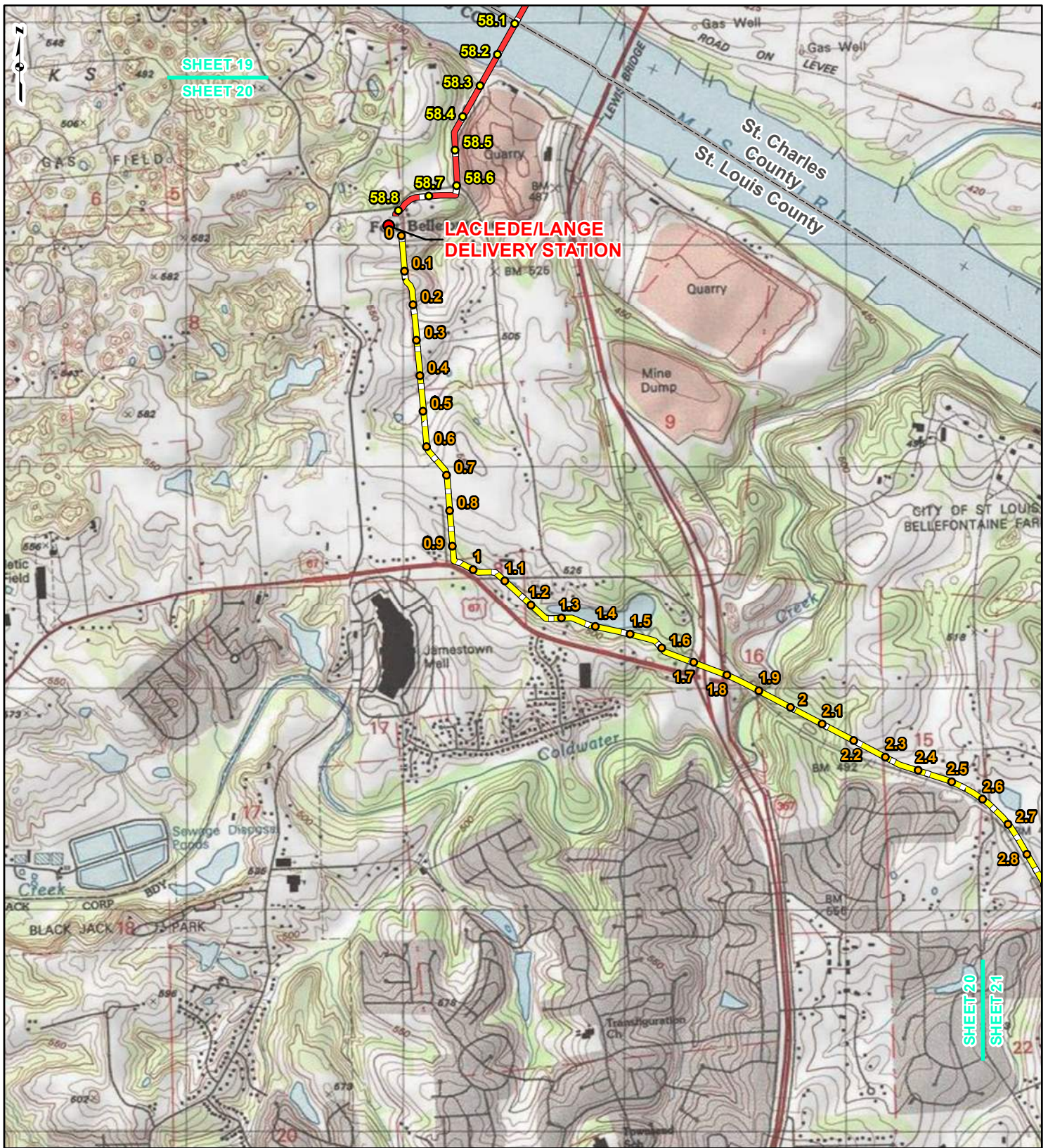
**FIGURE 1**  
**LOCATION MAP**  
**SHEET 19 OF 21**

**SPIRE STL PIPELINE PROJECT**

DRAWN BY: PMH      DATE: 3/28/2017  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLOISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





SHEET 19  
SHEET 20

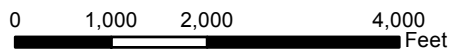
LACLEDE/LANGE  
DELIVERY STATION

SHEET 20  
SHEET 21



**LEGEND**

- PROPOSED FACILITIES
- 24-INCH PIPELINE MILEPOST
- NORTH COUNTY EXTENSION MILEPOST
- 24-INCH PIPELINE NORTH COUNTY
- EXTENSION
- ▭ COUNTY BOUNDARY
- ▭ STATE BOUNDARY



**FIGURE 1**  
**LOCATION MAP**  
**SHEET 20 OF 21**

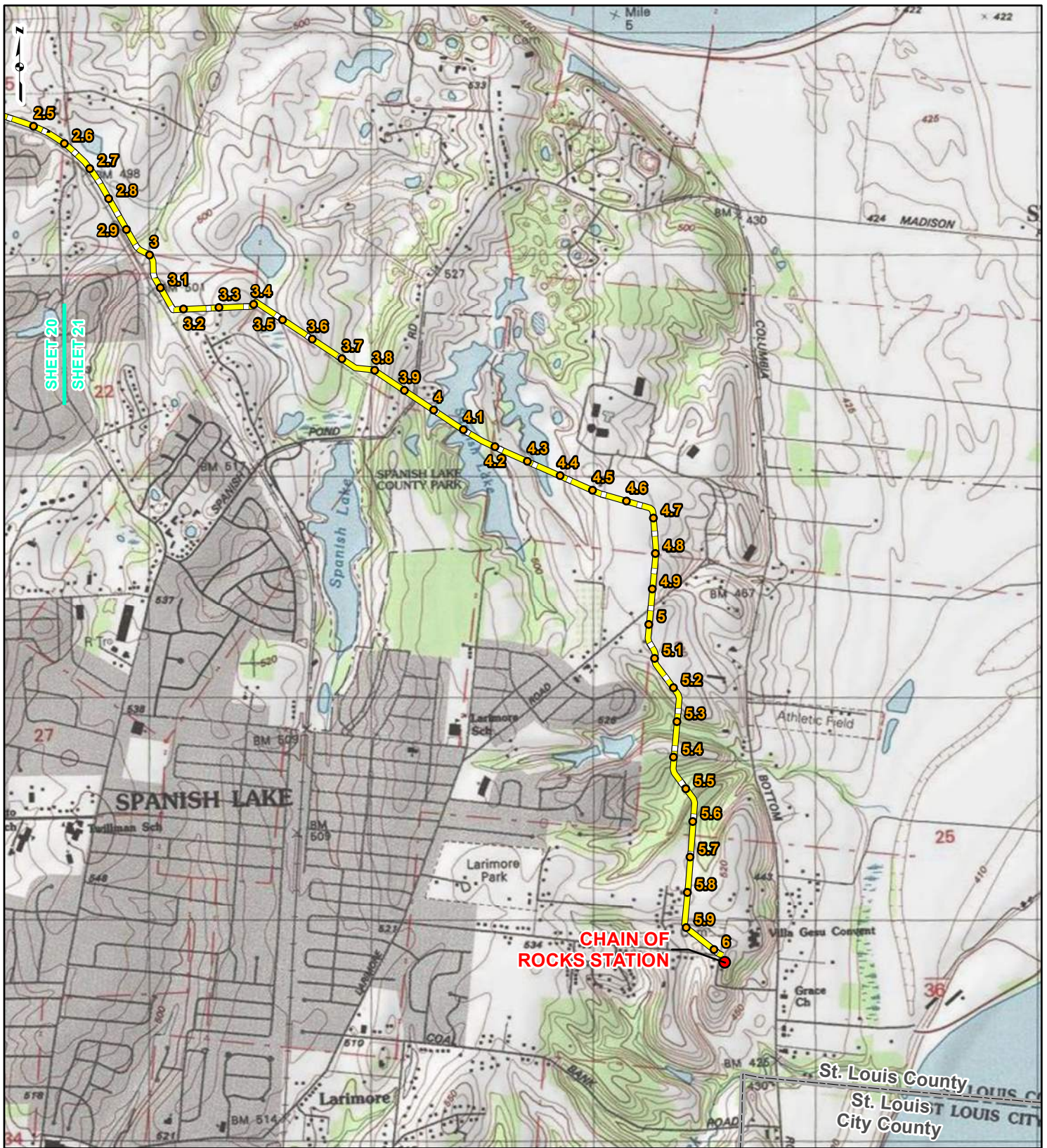
**SPIRE STL**  
**PIPELINE**  
**PROJECT**



DRAWN BY: PMH      DATE: 3/28/2017  
CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ELSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLORISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE NORTH COUNTY
● 24-INCH PIPELINE EXTENSION	— 24-INCH PIPELINE EXTENSION
● NORTH COUNTY MILEPOST	□ COUNTY BOUNDARY
● EXTENSION MILEPOST	□ STATE BOUNDARY

0    1,000    2,000    4,000 Feet

**FIGURE 1  
LOCATION MAP  
SHEET 21 OF 21**

**SPIRE STL  
PIPELINE  
PROJECT**

DRAWN BY: PMH	DATE: 3/28/2017
CHECKED: SWW	APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLORISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





GAI Consultants, Inc.-Chicago Office  
2300 Cabot Drive, Suite 395  
Lisle, Illinois 60532

T 630.605.5255

March 28, 2017

Ms. Virginia Laszewski  
Environmental Impact Statements Contact  
United States Environmental Protection Agency - Region 5  
77 W. Jackson Blvd  
Chicago, IL 60604

**Re: Supplemental Information (Docket No. CP17-40)  
Spire STL Pipeline LLC  
Spire STL Pipeline Project  
Scott, Greene, and Jersey Counties, Illinois  
and St. Charles and St. Louis Counties, Missouri**

Dear Ms. Laszewski:

In June 2016, Spire Pipeline LLC ("Spire") initiated consultation with your office regarding their intent to construct, own, and operate the proposed Spire STL Pipeline Project ("Project") which consisted of approximately 59 miles of new, greenfield 24-inch-diameter steel pipeline (referred to as the "24-inch pipeline") originating at an interconnection with the Rockies Express Pipeline LLC ("REX") pipeline in Scott County, Illinois; extending down through Greene and Jersey counties in Illinois before crossing the Mississippi River and extending east into St. Charles County, Missouri, crossing the Missouri River and tying into an existing pipeline in St. Louis County, Missouri that is currently owned and operated by Laclede Gas Company ("LGC") (referred to as "Line 880"). Line 880 consisted of approximately seven miles of existing 20-inch-diameter steel pipeline. As part of the proposed Project, Spire was planning on modifying Line 880 before placing it in interstate service. The Project also included the construction of minor aboveground metering and regulating ("M&R") stations. On January 26, 2017, Spire filed an application with the Federal Energy Regulatory Commission ("FERC") for a Certificate of Public Convenience and Necessity for the Project (Docket No. CP17-40-000).

On March 15, 2017, Spire filed a "Preliminary Notification of Preferred Route Change" with FERC, indicating that the Spire no longer plans to modify the existing Line 880 as part of the Project. Instead, Spire intends to construct a new, greenfield 24-inch pipeline (referred to as the "North County Extension") which will extend the 24-inch pipeline portion of the Project to a proposed interconnect with Enable Mississippi River Transmission ("Enable MRT"). Spire plans to file an amended application with FERC in April 2017. GAI Consultants, Inc. ("GAI"), on behalf of Spire, is submitting supplemental information to assist with your review of the Project as amended. An updated description of the proposed Project facilities and location map (Figure 1) are provided herein.

**Amended Project Description**

The amended Project as proposed will consist of approximately 65 miles of new, greenfield, 24-inch-diameter steel pipeline in two segments. The first segment (referred to as the "24-inch pipeline" portion of the Project) will originate at a new interconnect with the REX pipeline in Scott County, Illinois and extend approximately 59 miles through Greene and Jersey Counties in Illinois before crossing the Mississippi River and extending east through St. Charles County, Missouri. The 24-inch pipeline then crosses the Missouri River into St. Louis County, Missouri, and terminates at a new interconnect with LGC. The second segment of new, greenfield pipeline, North County Extension, will consist of a 24-inch-diameter steel pipeline which will extend approximately six miles from the LGC



interconnect through the northern portion of St. Louis County and terminate at a new interconnect with Enable MRT and LGC. The total length of the Project pipeline will be approximately 65 miles. The overall design capacity of the Project pipeline is expected to be 400,000 dekatherms per day ("Dth/d"). No compression will be required. The Project also includes the construction of three new M&R stations that provide interconnects with (1) REX in Illinois, (2) LGC in Missouri, and (3) Enable MRT and LGC in Missouri.

The acquisition and modifications to LGC's existing Line 880 is no longer proposed as part of the Project.

Spire anticipates a typical 90-foot temporary construction right-of-way width, and a 50-foot permanent easement. The construction right-of-way is anticipated to be reduced to 75 feet at streams and wetlands. An additional 25 feet of temporary work space will be required through agricultural areas, and additional temporary work space will be required to facilitate construction in certain areas, such as crossings of roads, railroads, streams, and wetlands.

The updated Project schedule includes the following target dates:

- July 22, 2016 - National Environmental Policy Act ("NEPA") process began (initiation of FERC Pre-filing process);
- August 2016 through March 2017 (Anticipated) - Biological and Cultural Resource Surveys;
- January 26, 2017 - Application Filed with FERC;
- April 2017 (Anticipated) - File Amended Application with FERC;
- September 2017 (Anticipated) - Draft NEPA Document Published; and
- December 2017 (Anticipated) - FERC Decision on Application.

Construction is anticipated to commence in January 2018.

**On behalf of Spire, we'd like to take this opportunity to invite the United States Environmental Protection Agency - Region 5 to provide comments regarding the Project as it will be amended. We appreciate your continued involvement and cooperation in the review of this important Project.**

If you have any questions or would like additional information, please feel free to contact me at 630.605.5255 or by e-mail at L.Ferry@gaiconsultants.com.

Sincerely,

**GAI Consultants, Inc.**



Lori M. Ferry  
Environmental Manager

LMF/ka

Attachment: United States Geological Survey (USGS) Topographic Map (Figure 1)





**United States Department of Agriculture**



## Ali Trunzo

---

**From:** Diebal, Jamie - FSA, Springfield, IL <Jamie.Diebal@il.usda.gov>  
**Sent:** Friday, March 31, 2017 4:13 PM  
**To:** Ali Trunzo  
**Cc:** Lori Ferry; Martin, Kimberly - FSA, Springfield, IL  
**Subject:** RE: Spire STL Pipeline - CRP easements

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

Ali,  
We have identified seven new contracts in the updated route. The county offices will be sending letters to those participants next week.

Here is a break down for you by county:  
Greene – 7 producers on 9 contracts  
Jersey – 7 producers on 8 contracts  
Scott – 1 producer on 1 contract

Do you have a list of producers that responded to the letter that was sent in October? I would like to compare our list and send another letter to those producers that did not respond.

Thank you,

*Jamie Diebal*

Conservation and Environmental Programs Division Specialist  
USDA – Illinois State FSA Office  
3500 Wabash Ave, Springfield, IL 62711  
☎ ph. 217-331-6872 📠 fax. 855-800-1760

---

**From:** Ali Trunzo [mailto:A.Trunzo@gaiconsultants.com]  
**Sent:** Friday, March 24, 2017 10:09 AM  
**To:** Diebal, Jamie - FSA, Springfield, IL <Jamie.Diebal@il.usda.gov>  
**Cc:** Lori Ferry <L.Ferry@gaiconsultants.com>  
**Subject:** Spire STL Pipeline - CRP easements

Jamie,

GAI, on behalf of Spire STL Pipeline LLC (Spire), previously coordinated with your office regarding lands in CRP easements that may be crossed by or in close proximity to the proposed Spire STL Pipeline Project, located in Scott, Greene and Jersey Counties, Illinois. There have been some minor route deviations proposed that are outside of the original 300-foot wide corridor that was reviewed.

Attached is a shapefile of a 300-foot wide review corridor of the proposed route (note that the construction right-of-way will typically be 90-foot wide, with 25-feet of additional temporary workspace in agricultural lands for topsoil segregation).

If there are additional producers to be notified, please include Spire contact Lori Komatar (Email: [lkomatar@mdmcorp.com](mailto:lkomatar@mdmcorp.com); Phone: 801-608-8460). To date, Spire has been notified of CRP status by five landowners.



We would appreciate your review if additional CRP easements are located within this corridor.

Thank you,

Ali

-----  
**Alessandra M. Trunzo**  
Project Environmental Specialist

385 E. Waterfront Drive, Homestead, PA 15120-5005

**Direct** 412.399.5096 **Office** 412.476.2000 **Email** [a.trunzo@gaiconsultants.com](mailto:a.trunzo@gaiconsultants.com)

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## Ali Trunzo

---

**From:** Niemeyer, Eric - FSA, St. Peters, MO <Eric.Niemeyer@mo.usda.gov>  
**Sent:** Friday, March 31, 2017 9:02 AM  
**To:** Ali Trunzo  
**Subject:** RE: Spire STL Pipeline - CRP easements

Hi Ali,

I got a change this morning to sit down and look through the maps of the proposed pipeline corridor, there are no CRP contracts within or in close proximity of the corridor.

Let me know if you have any other questions or concerns!

Thanks,  
Eric

**Eric Niemeyer** | County Executive Director | St Charles/ St Louis County Farm Service Agency | phone 636-922-2833 wk | [eric.niemeyer@mo.usda.gov](mailto:eric.niemeyer@mo.usda.gov)

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---

**From:** Ali Trunzo [mailto:A.Trunzo@gaiconsultants.com]  
**Sent:** Friday, March 24, 2017 10:30 AM  
**To:** Niemeyer, Eric - FSA, St. Peters, MO <Eric.Niemeyer@mo.usda.gov>  
**Cc:** Lori Ferry <L.Ferry@gaiconsultants.com>  
**Subject:** Spire STL Pipeline - CRP easements

Eric,

Thank you for speaking with me today regarding the proposed Spire STL Pipeline Project. GAI, on behalf of Spire STL Pipeline LLC (Spire), previously coordinated with your office regarding lands in CRP easements that may be crossed by or in close proximity to the proposed Spire STL Pipeline Project, located in St. Charles and St. Louis Counties, Missouri. Spire no longer plans to modify the existing Line 880 as part of the Project. Instead, Spire intends to construct a new, greenfield 24-inch pipeline (referred to as the "North County Extension").

Attached is a map of a 300-foot wide review corridor of the proposed route (note that the construction right-of-way will typically be 90-feet wide, with 25-feet of additional temporary workspace in agricultural lands for topsoil segregation).

We would appreciate your review if CRP easements are located within this corridor. If there are producers to be notified, please include Spire contact Lori Komatar (Email: [lkomatar@mdmcorp.com](mailto:lkomatar@mdmcorp.com); Phone: 801-608-8460) as the contact person in your notifications.



Thank you,

Ali

-----  
**Alessandra M. Trunzo**  
Project Environmental Specialist

385 E. Waterfront Drive, Homestead, PA 15120-5005

**Direct** 412.399.5096 **Office** 412.476.2000 **Email** [a.trunzo@gaiconsultants.com](mailto:a.trunzo@gaiconsultants.com)

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GAI Consultants, Inc.-Chicago Office  
2300 Cabot Drive, Suite 395  
Lisle, Illinois 60532

T 630.605.5255

March 28, 2017

Mr. Brad Behymer  
District Conservationist  
USDA-NRCS - Jersey County/Jerseyville Lincoln Field Office  
604 East Franklin  
Jerseyville, IL 62052

**Re: Supplemental Information (Docket No. CP17-40)  
Spire STL Pipeline LLC  
Spire STL Pipeline Project  
Scott, Greene, and Jersey Counties, Illinois  
and St. Charles and St. Louis Counties, Missouri**

Dear Mr. Behymer:

In June 2016, Spire Pipeline LLC ("Spire") initiated consultation with your office regarding their intent to construct, own, and operate the proposed Spire STL Pipeline Project ("Project") which consisted of approximately 59 miles of new, greenfield 24-inch-diameter steel pipeline (referred to as the "24-inch pipeline") originating at an interconnection with the Rockies Express Pipeline LLC ("REX") pipeline in Scott County, Illinois; extending down through Greene and Jersey counties in Illinois before crossing the Mississippi River and extending east into St. Charles County, Missouri, crossing the Missouri River and tying into an existing pipeline in St. Louis County, Missouri that is currently owned and operated by Laclede Gas Company ("LGC") (referred to as "Line 880"). Line 880 consisted of approximately seven miles of existing 20-inch-diameter steel pipeline. As part of the proposed Project, Spire was planning on modifying Line 880 before placing it in to interstate service. The Project also included the construction of minor aboveground metering and regulating ("M&R") stations. On January 26, 2017, Spire filed an application with the Federal Energy Regulatory Commission ("FERC") for a Certificate of Public Convenience and Necessity for the Project (Docket No. CP17-40-000).

On March 15, 2017, Spire filed a "Preliminary Notification of Preferred Route Change" with FERC, indicating that the Spire no longer plans to modify the existing Line 880 as part of the Project. Instead, Spire intends to construct a new, greenfield 24-inch pipeline (referred to as the "North County Extension") which will extend the 24-inch pipeline portion of the Project to a proposed interconnect with Enable Mississippi River Transmission ("Enable MRT"). Spire plans to file an amended application with FERC in April 2017. GAI Consultants, Inc. ("GAI"), on behalf of Spire, is submitting supplemental information to assist with your review of the Project as amended. An updated description of the proposed Project facilities and location map (Figure 1) are provided herein.

**Amended Project Description**

The amended Project as proposed will consist of approximately 65 miles of new, greenfield, 24-inch-diameter steel pipeline in two segments. The first segment (referred to as the "24-inch pipeline" portion of the Project) will originate at a new interconnect with the REX pipeline in Scott County, Illinois and extend approximately 59 miles through Greene and Jersey Counties in Illinois before crossing the Mississippi River and extending east through St. Charles County, Missouri. The 24-inch pipeline then crosses the Missouri River into St. Louis County, Missouri, and terminates at a new interconnect with LGC. The second segment of new, greenfield pipeline, North County Extension, will consist of a 24-inch-diameter steel pipeline which will extend approximately six miles from the LGC



interconnect through the northern portion of St. Louis County and terminate at a new interconnect with Enable MRT and LGC. The total length of the Project pipeline will be approximately 65 miles. The overall design capacity of the Project pipeline is expected to be 400,000 dekatherms per day ("Dth/d"). No compression will be required. The Project also includes the construction of three new M&R stations that provide interconnects with (1) REX in Illinois, (2) LGC in Missouri, and (3) Enable MRT and LGC in Missouri.

The acquisition and modifications to LGC's existing Line 880 is no longer proposed as part of the Project.

Spire anticipates a typical 90-foot temporary construction right-of-way width, and a 50-foot permanent easement. The construction right-of-way is anticipated to be reduced to 75 feet at streams and wetlands. An additional 25 feet of temporary work space will be required through agricultural areas, and additional temporary work space will be required to facilitate construction in certain areas, such as crossings of roads, railroads, streams, and wetlands.

The updated Project schedule includes the following target dates:

- July 22, 2016 - National Environmental Policy Act ("NEPA") process began (initiation of FERC Pre-filing process);
- August 2016 through March 2017 (Anticipated) - Biological and Cultural Resource Surveys;
- January 26, 2017 - Application Filed with FERC;
- April 2017 (Anticipated) - File Amended Application with FERC;
- September 2017 (Anticipated) - Draft NEPA Document Published; and
- December 2017 (Anticipated) - FERC Decision on Application.

Construction is anticipated to commence in January 2018.

**On behalf of Spire, we'd like to take this opportunity to invite the USDA-NRCS - Jersey County/Jerseyville Lincoln Field Office to provide comments regarding the Project as it will be amended. We appreciate your continued involvement and cooperation in the review of this important Project.**

If you have any questions or would like additional information, please feel free to contact me at 630.605.5255 or by e-mail at L.Ferry@gaiconsultants.com.

Sincerely,

**GAI Consultants, Inc.**



Lori M. Ferry  
Environmental Manager

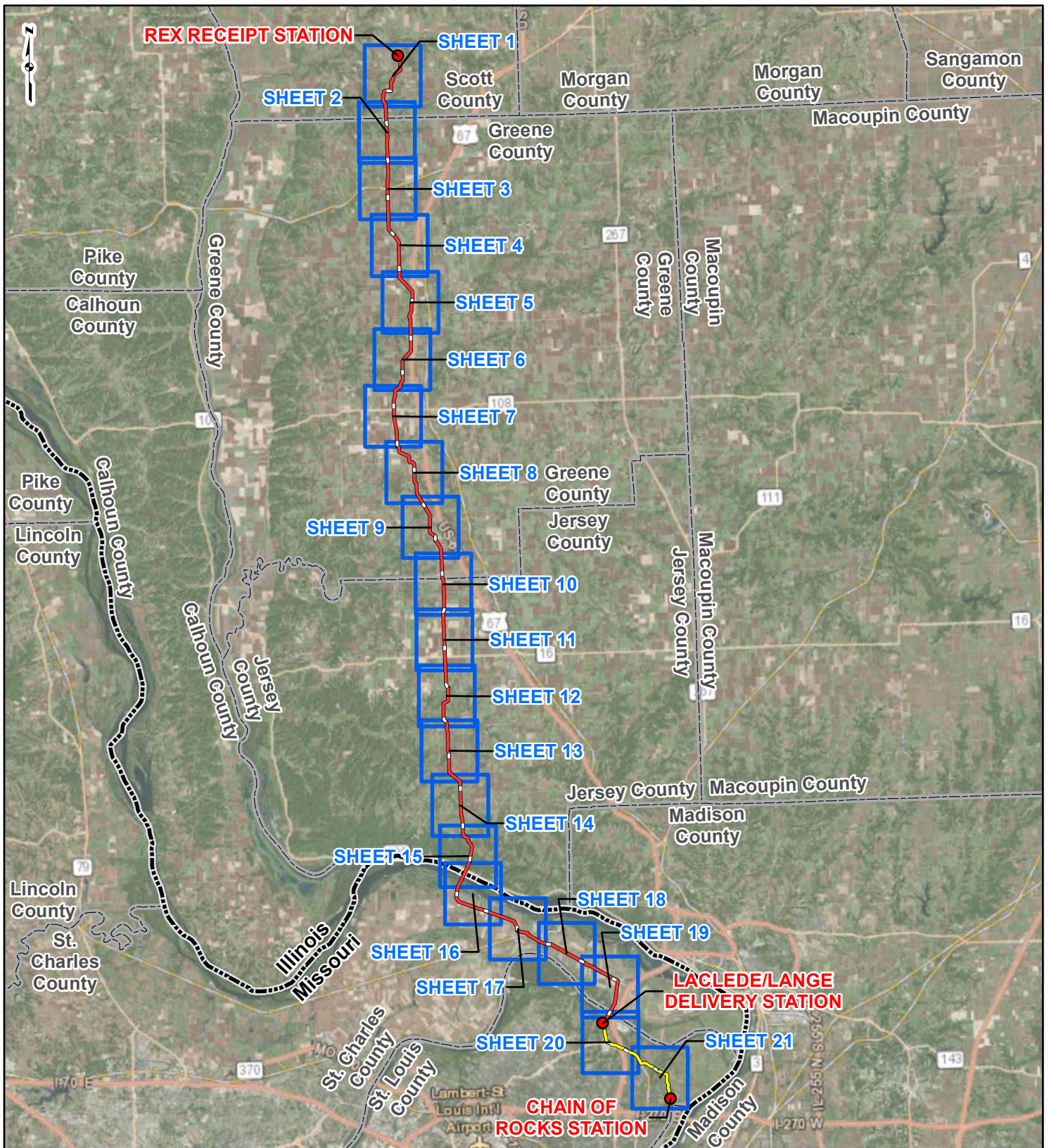
LMF/ka

Attachment: United States Geological Survey (USGS) Topographic Map (Figure 1)



**ATTACHMENT**  
**USGS TOPOGRAPHIC MAP (FIGURE 1)**





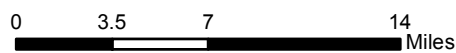
**PROJECT LOCATION**



SCOTT, GREENE  
AND JERSEY  
COUNTIES, ILLINOIS  
AND ST. CHARLES AND  
ST. LOUIS COUNTIES, MISSOURI

**LEGEND**

- PROPOSED FACILITIES
- 24-INCH PIPELINE
- NORTH COUNTY EXTENSION
- SHEET INDEX
- COUNTY BOUNDARY
- STATE BOUNDARY



**FIGURE 1  
LOCATION MAP  
SHEET INDEX**



**SPIRE STL  
PIPELINE  
PROJECT**

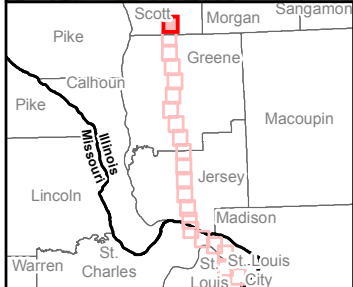
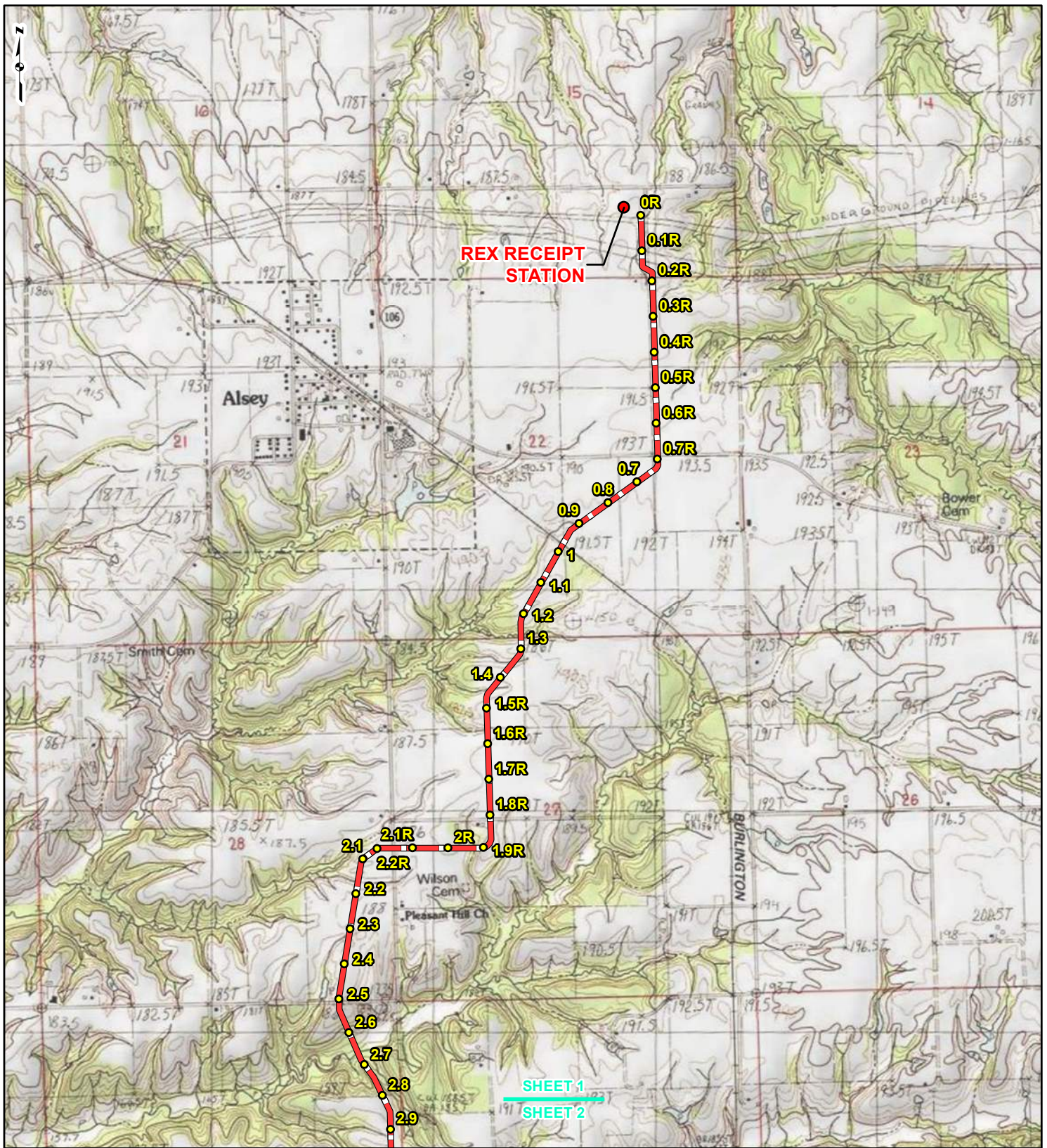


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DATE: 3/28/2017  
APPROVED: LMF

REFERENCE: ESRI WORLD IMAGERY AND TRANSPORTATION, NAIP, USDA FSA, 2015, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE NORTH COUNTY
● 24-INCH PIPELINE MILEPOST	— EXTENSION
○ NORTH COUNTY	□ COUNTY BOUNDARY
● EXTENSION MILEPOST	□ STATE BOUNDARY

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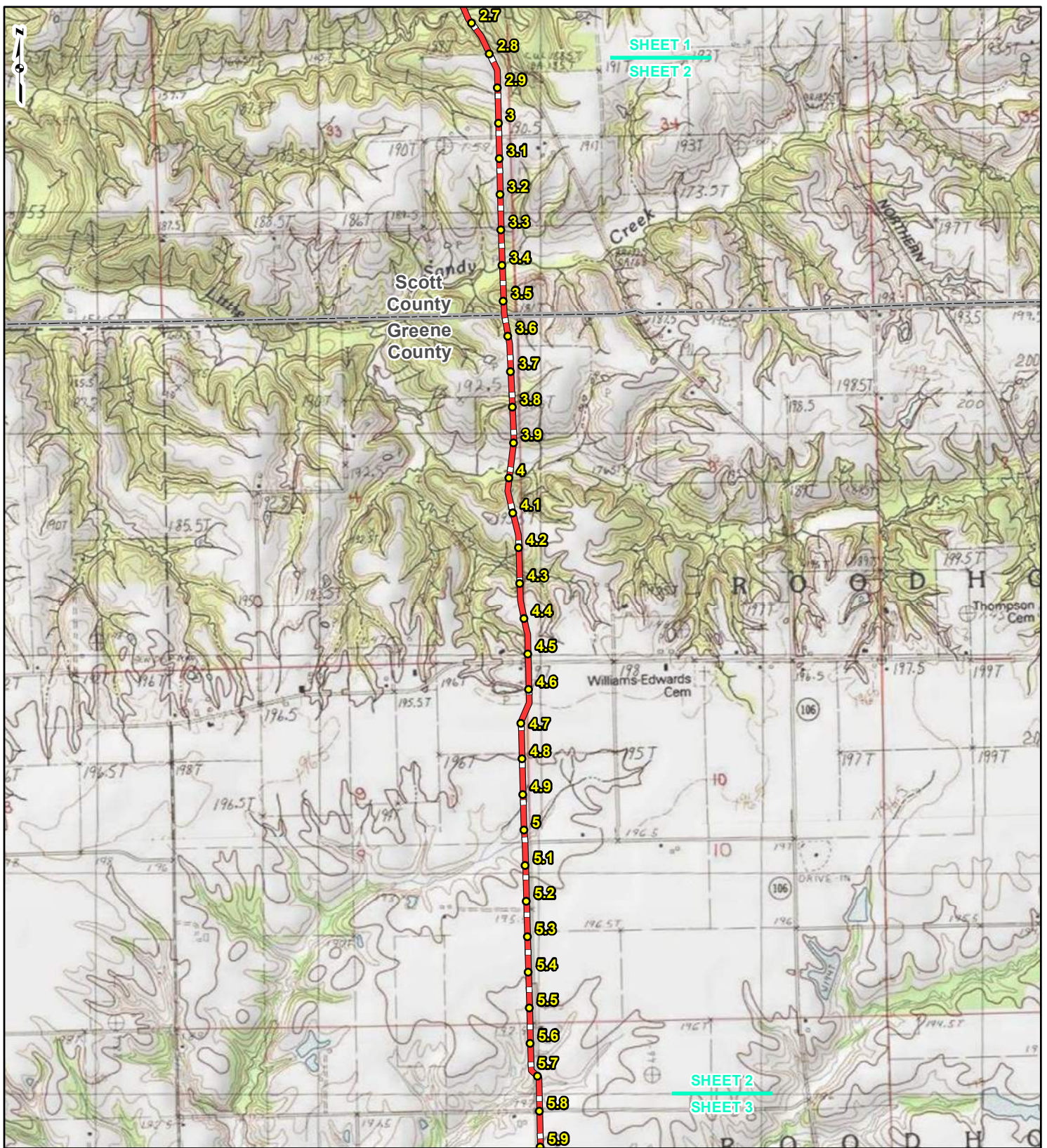
**FIGURE 1  
LOCATION MAP  
SHEET 1 OF 21**

**SPIRE STL  
PIPELINE  
PROJECT**

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REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSA (1995), FLORISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE MILEPOST	— NORTH COUNTY EXTENSION
● NORTH COUNTY EXTENSION MILEPOST	□ COUNTY BOUNDARY
● MILEPOST	□ STATE BOUNDARY

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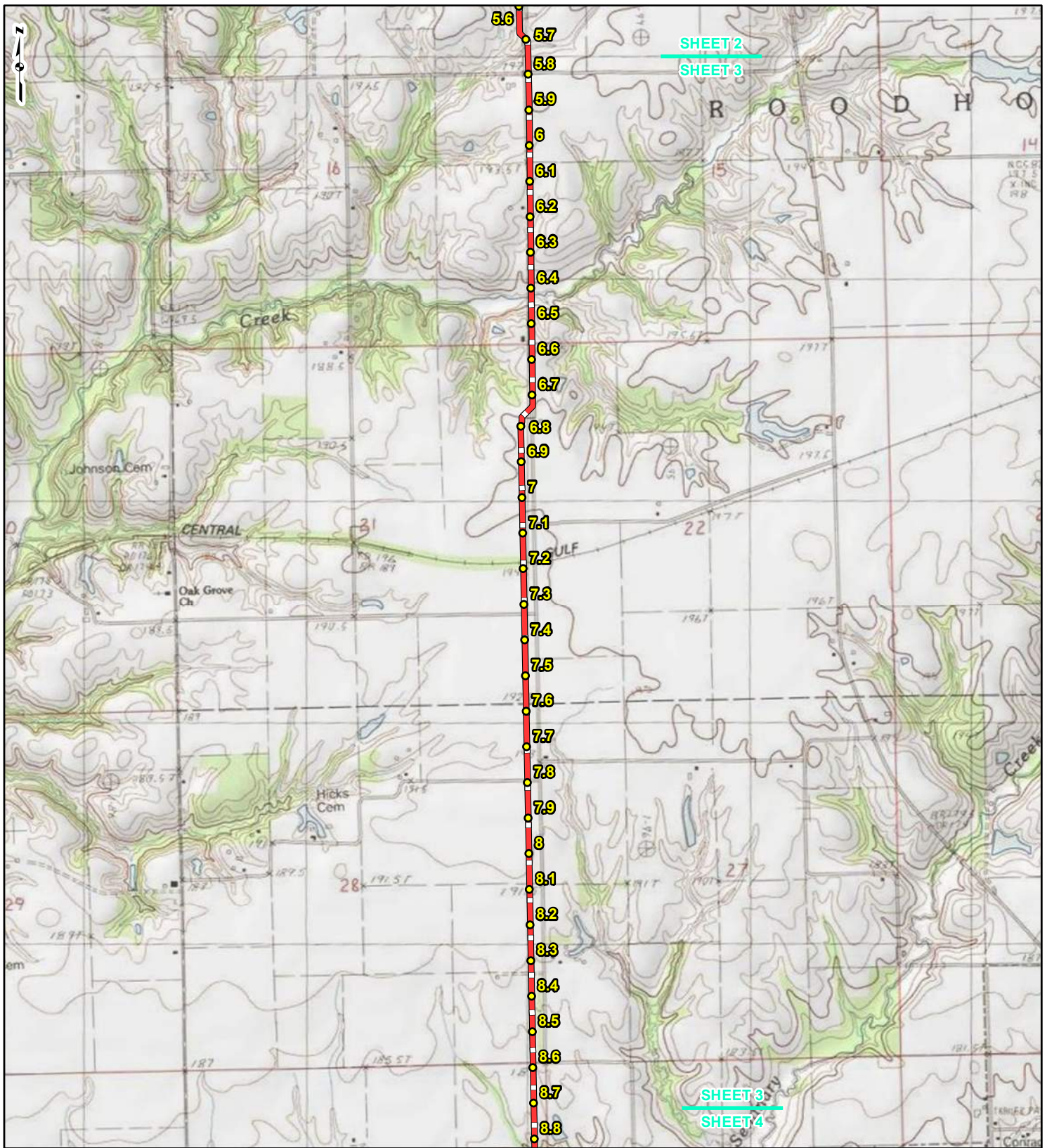
**FIGURE 1  
LOCATION MAP  
SHEET 2 OF 21**

**SPIRE STL  
PIPELINE  
PROJECT**

DRAWN BY: PMH      DATE: 3/28/2017  
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**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE	— NORTH COUNTY
● MILEPOST	— EXTENSION
— NORTH COUNTY	▭ COUNTY BOUNDARY
● EXTENSION	▭ STATE BOUNDARY
● MILEPOST	

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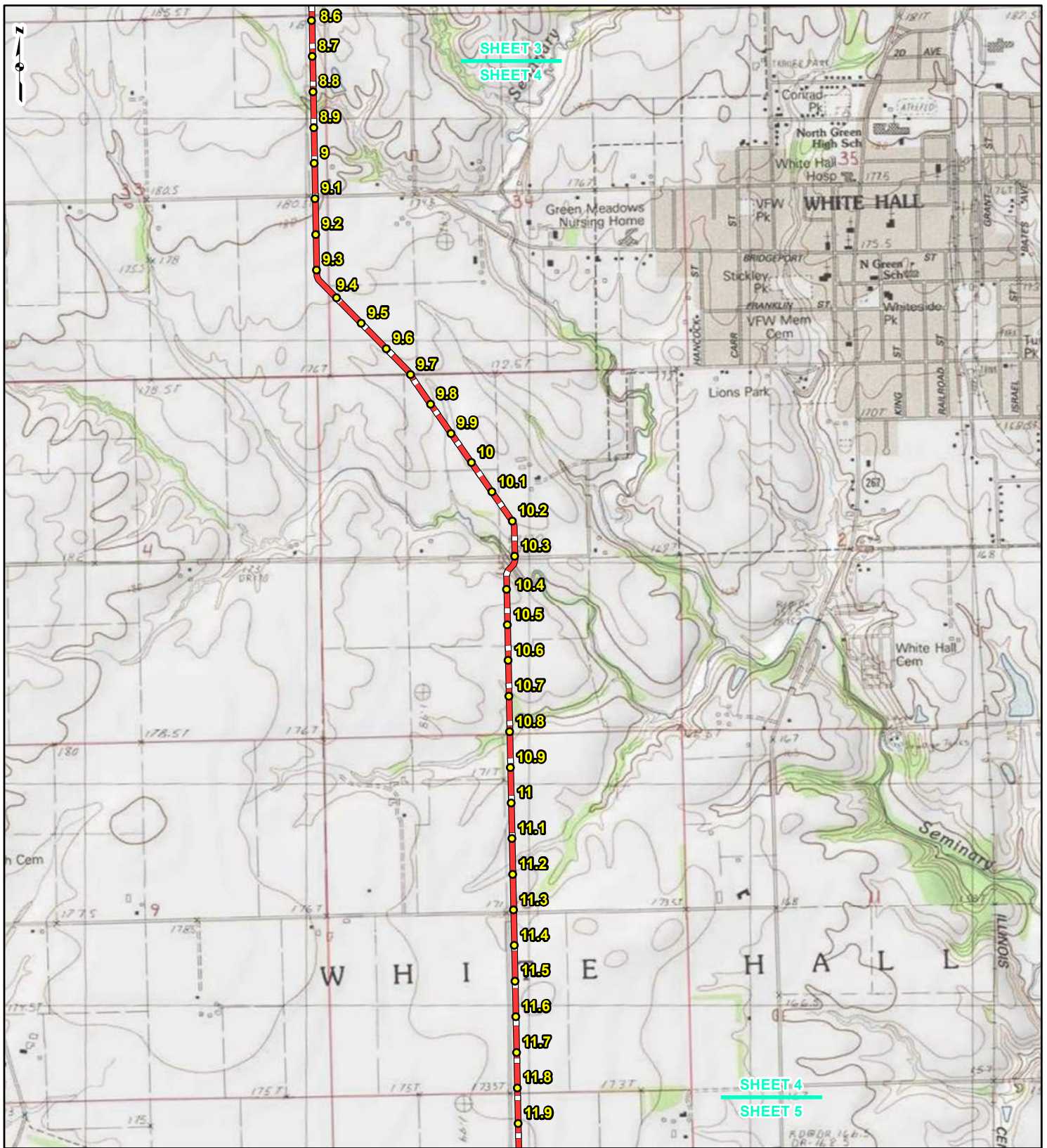
**FIGURE 1**  
**LOCATION MAP**  
**SHEET 3 OF 21**

**SPIRE STL**  
**PIPELINE**  
**PROJECT**

DRAWN BY: PMH      DATE: 3/28/2017  
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REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLORISSANT (1995), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE	— NORTH COUNTY
● MILEPOST	— EXTENSION
— NORTH COUNTY	▭ COUNTY BOUNDARY
● EXTENSION	▭ STATE BOUNDARY
● MILEPOST	

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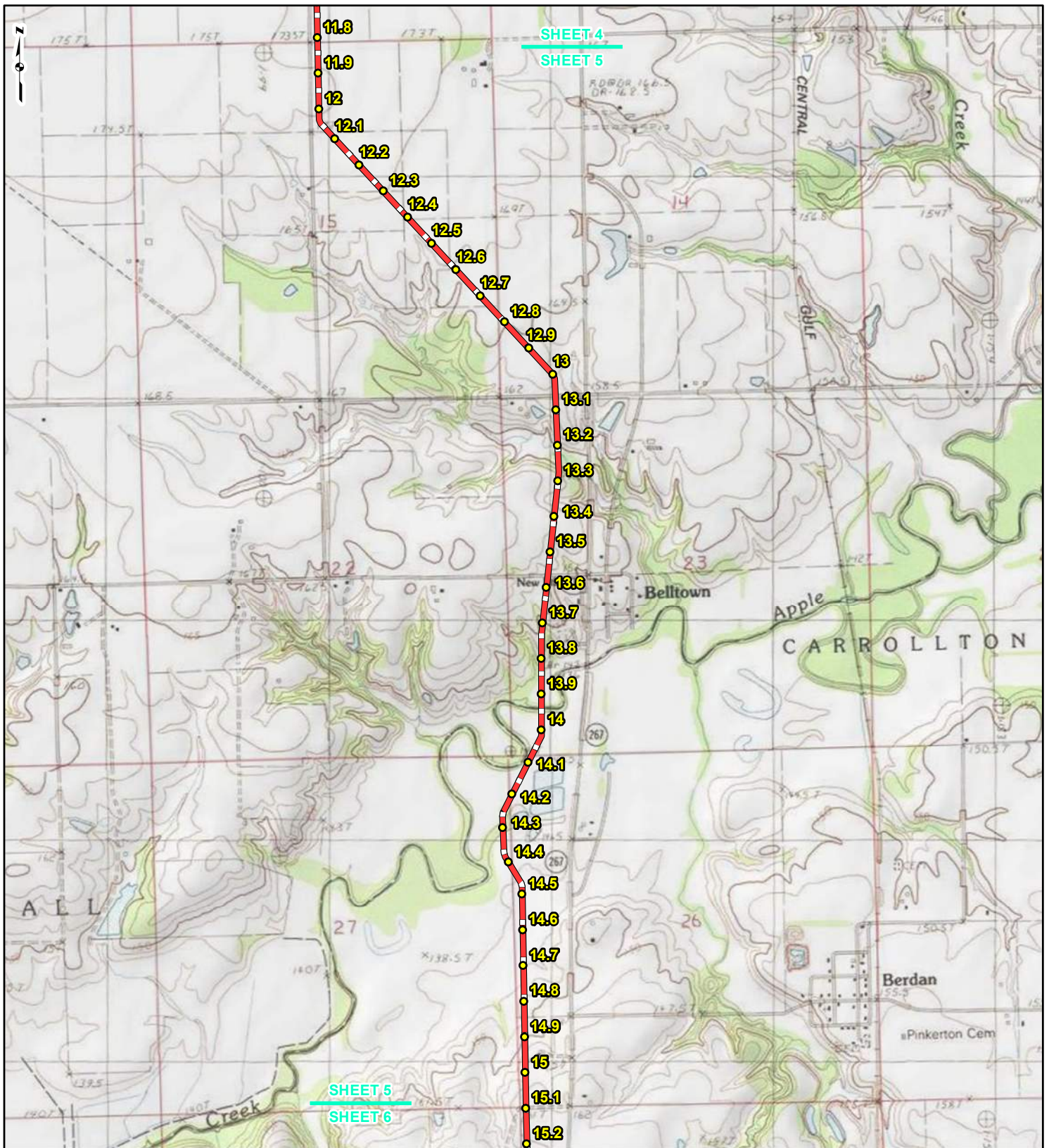
**FIGURE 1  
LOCATION MAP  
SHEET 4 OF 21**

**SPIRE STL  
PIPELINE  
PROJECT**

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**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE MILEPOST	— NORTH COUNTY EXTENSION
○ NORTH COUNTY EXTENSION MILEPOST	□ COUNTY BOUNDARY
	□ STATE BOUNDARY

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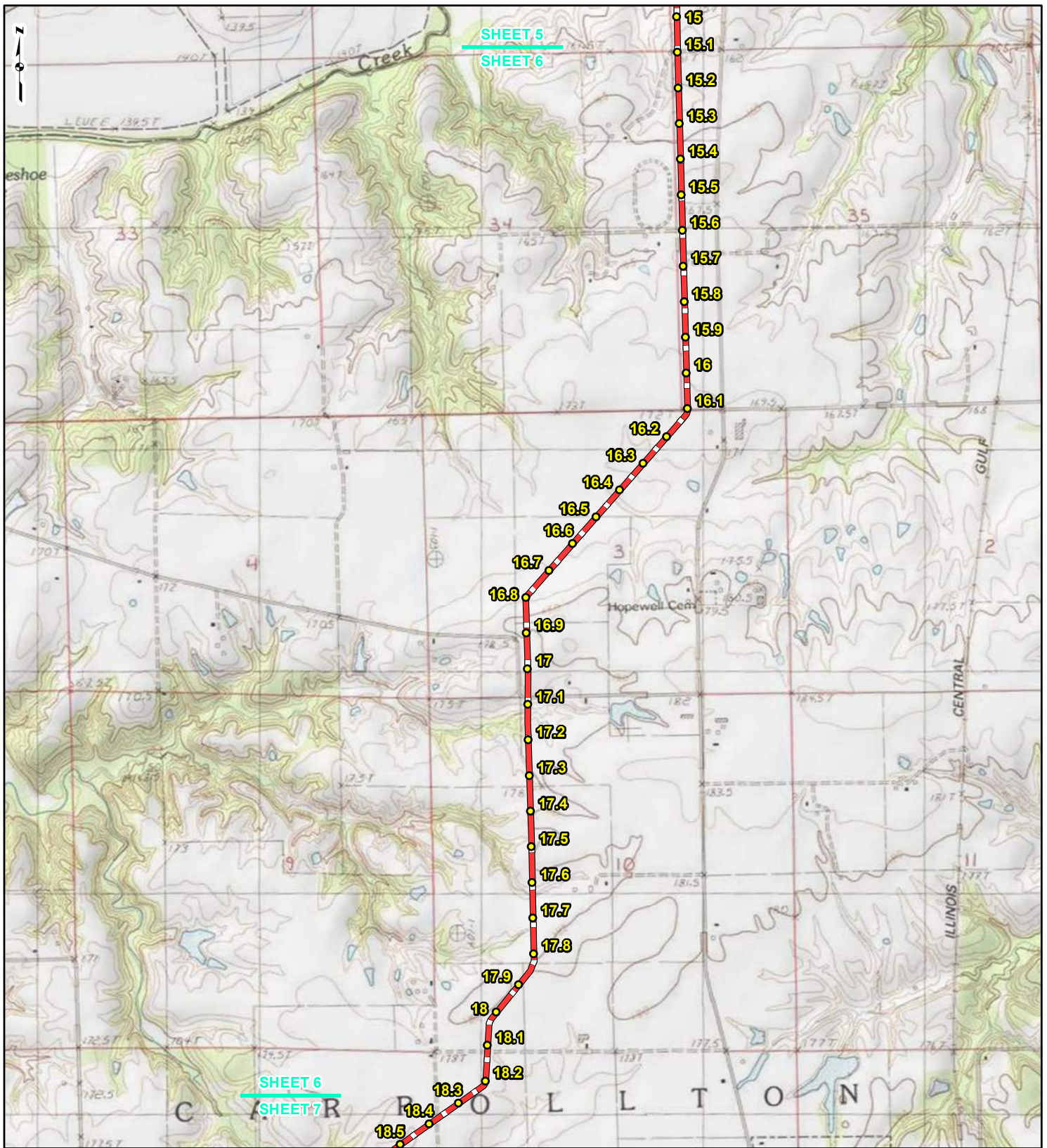
**FIGURE 1  
LOCATION MAP  
SHEET 5 OF 21**

**SPIRE STL  
PIPELINE  
PROJECT**

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REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLOISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE MILEPOST	— NORTH COUNTY EXTENSION
● NORTH COUNTY EXTENSION MILEPOST	▭ COUNTY BOUNDARY
● STATE BOUNDARY	▭ STATE BOUNDARY

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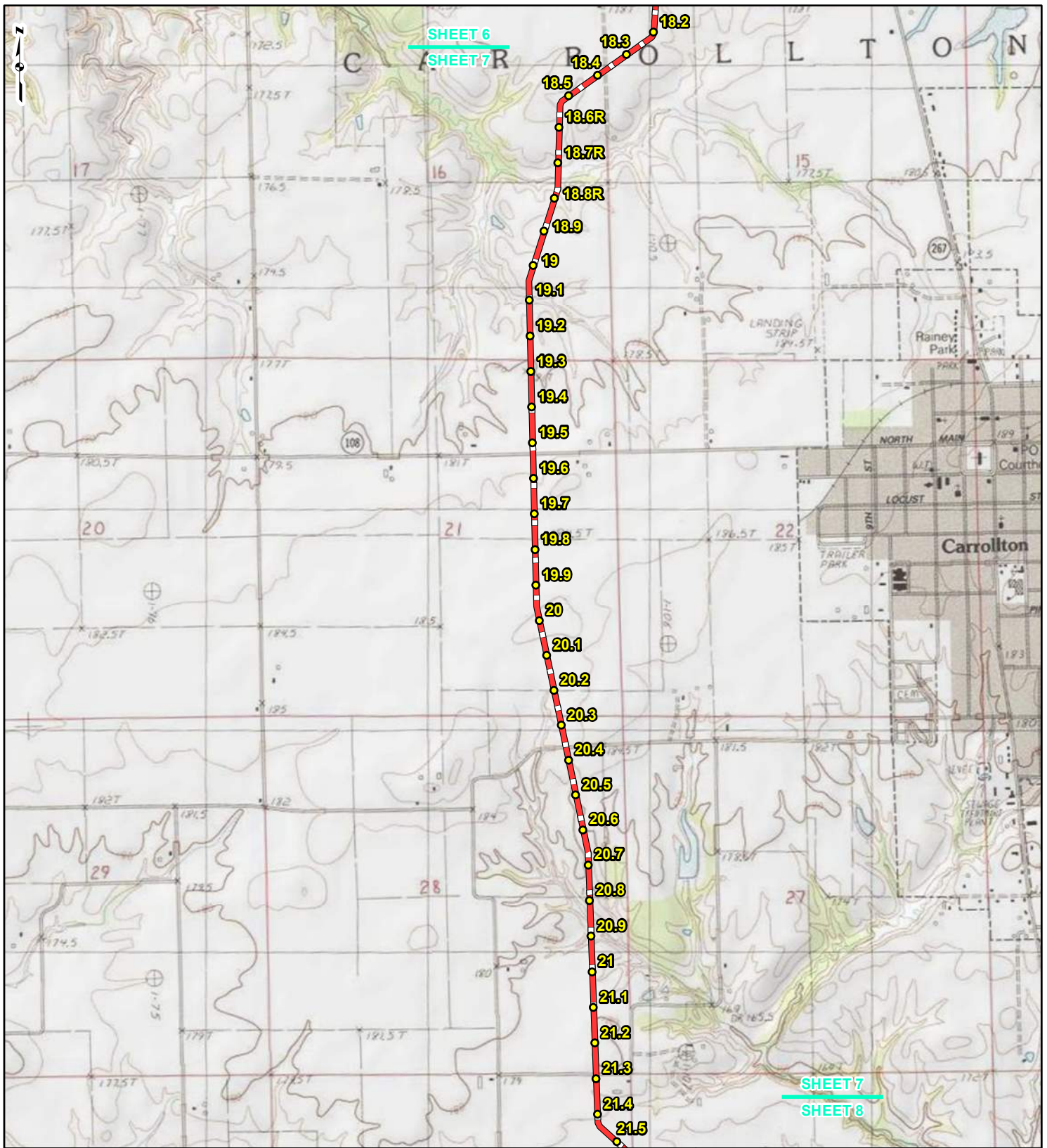
**FIGURE 1  
LOCATION MAP  
SHEET 6 OF 21**

**SPIRE STL  
PIPELINE  
PROJECT**

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**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE MILEPOST	— NORTH COUNTY EXTENSION
● NORTH COUNTY EXTENSION MILEPOST	▭ COUNTY BOUNDARY
	▭ STATE BOUNDARY

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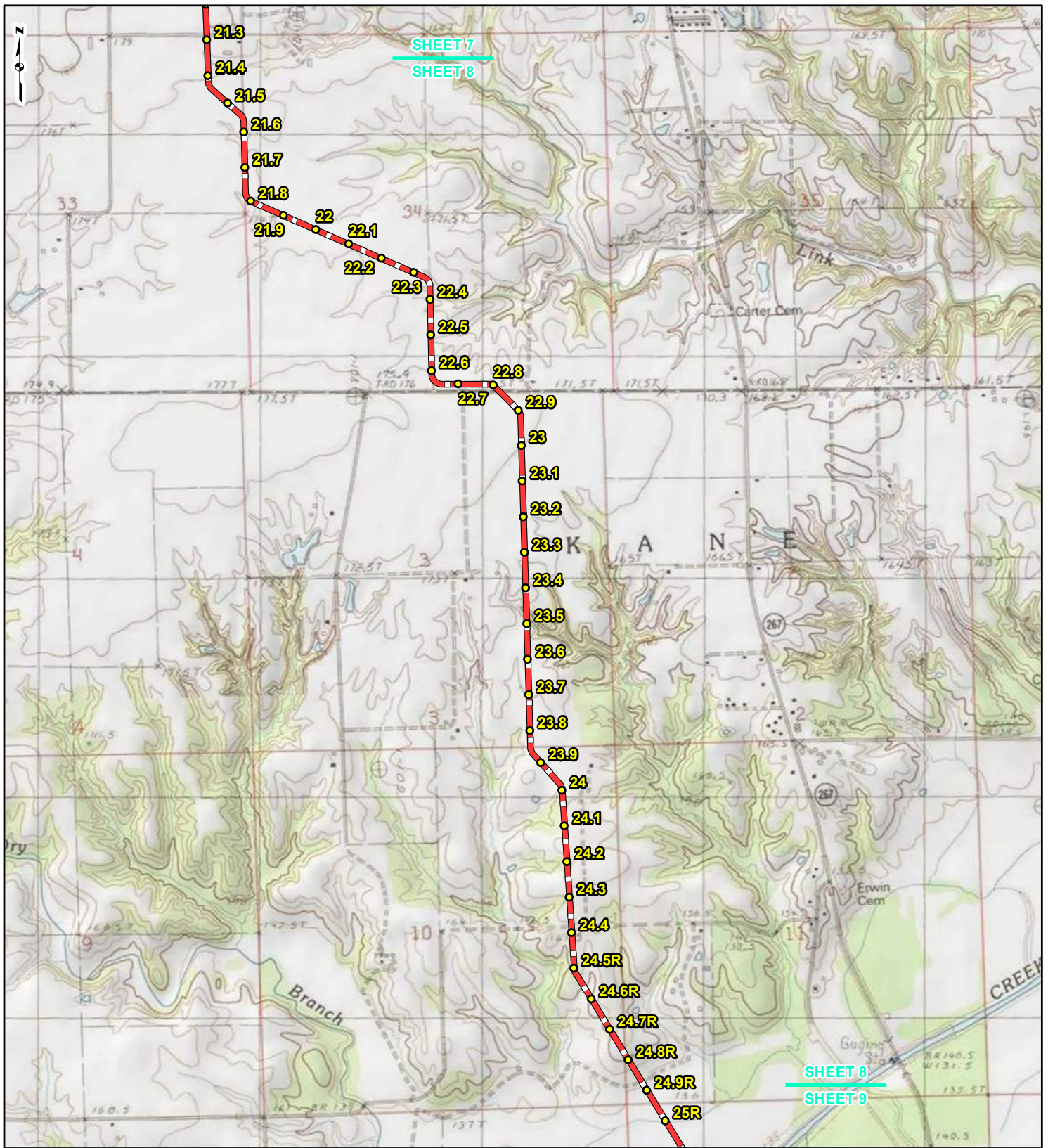
**FIGURE 1  
LOCATION MAP  
SHEET 7 OF 21**

**SPIRE STL  
PIPELINE  
PROJECT**

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REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLORISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE MILEPOST	— NORTH COUNTY EXTENSION
● NORTH COUNTY EXTENSION MILEPOST	▭ COUNTY BOUNDARY
	▭ STATE BOUNDARY

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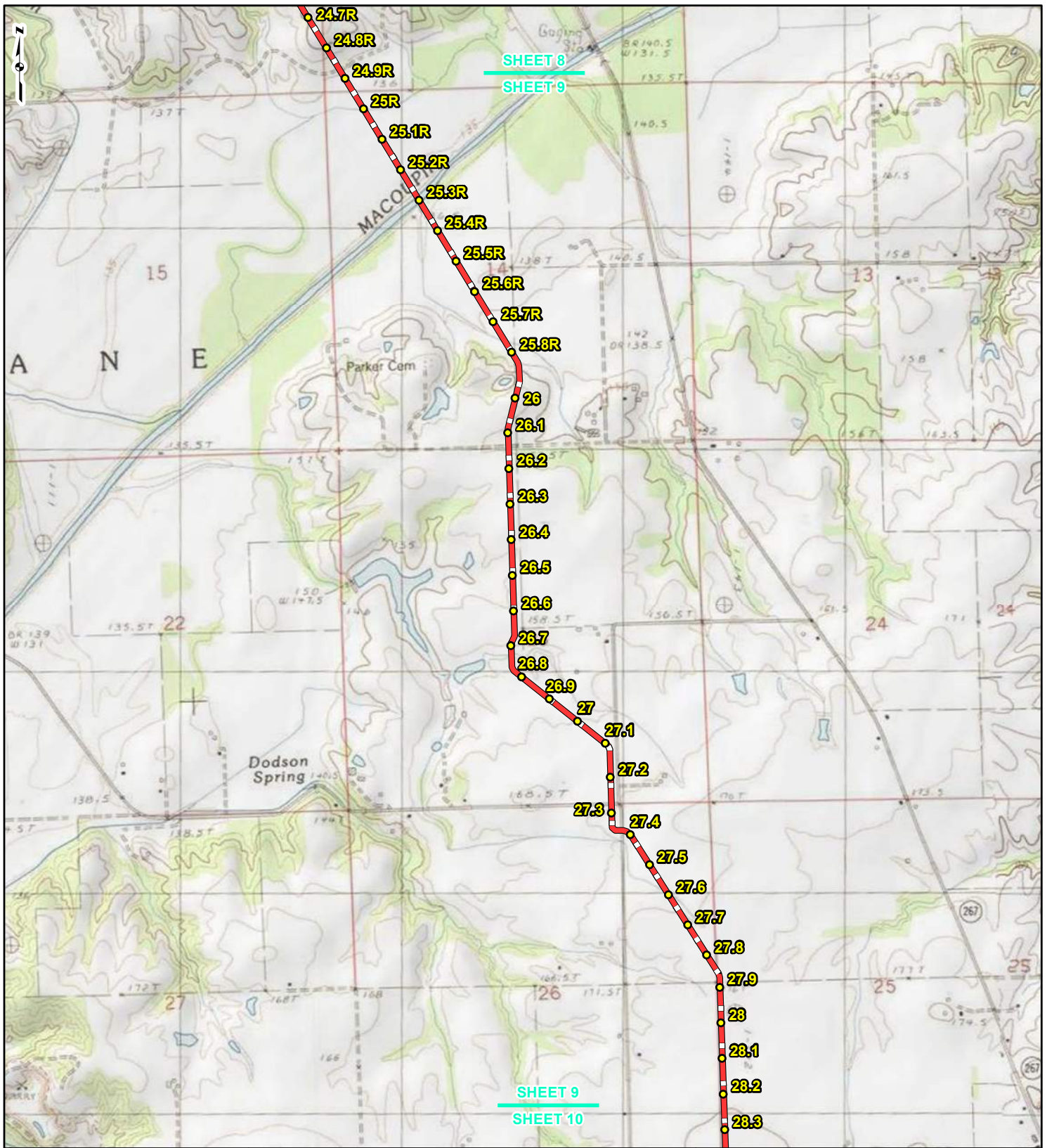
**FIGURE 1  
LOCATION MAP  
SHEET 8 OF 21**

**SPIRE STL  
PIPELINE  
PROJECT**

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**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE MILEPOST	— NORTH COUNTY EXTENSION
● NORTH COUNTY EXTENSION MILEPOST	▭ COUNTY BOUNDARY
	▭ STATE BOUNDARY

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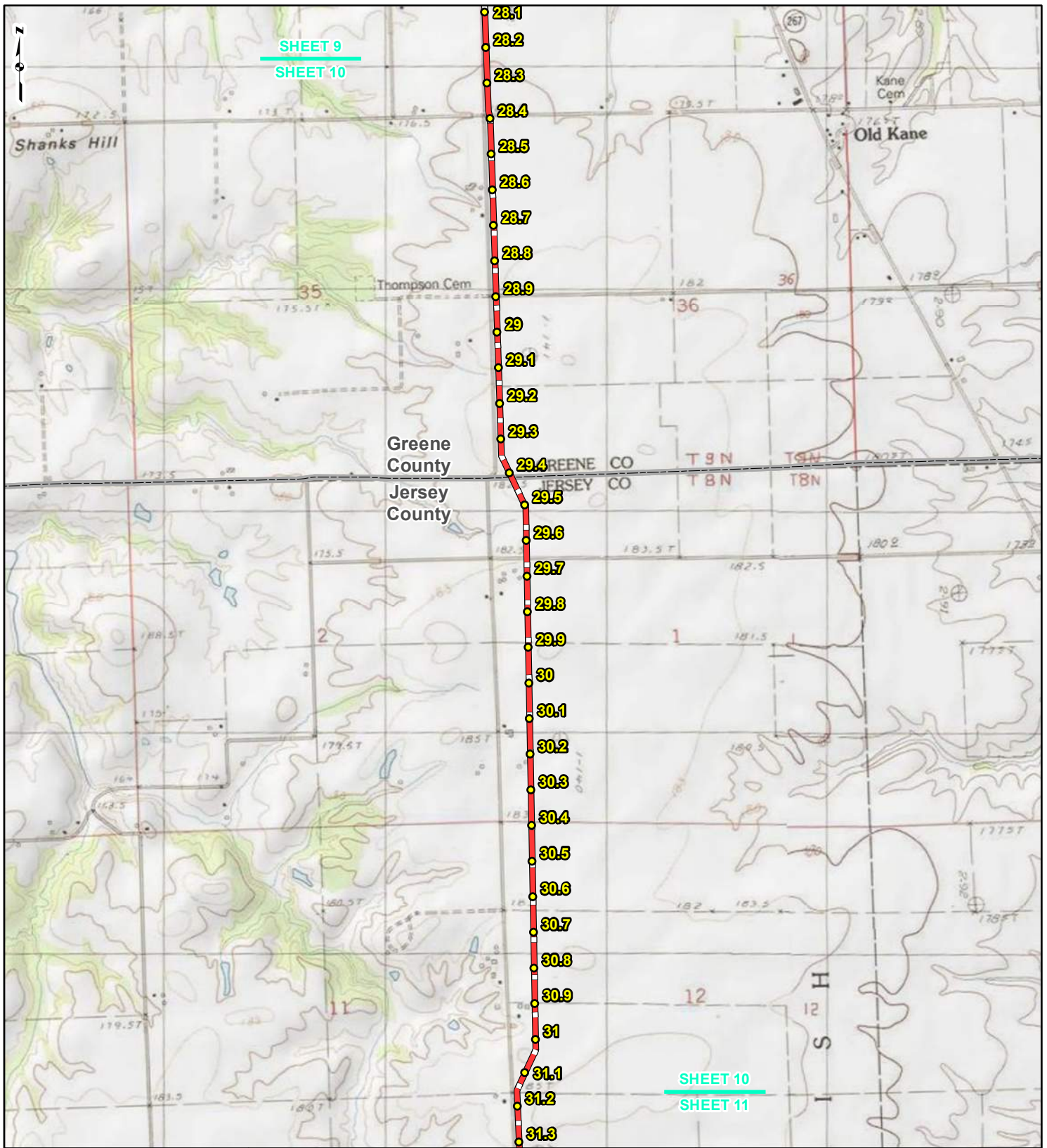
**FIGURE 1  
LOCATION MAP  
SHEET 9 OF 21**

**SPIRE STL  
PIPELINE  
PROJECT**

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**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE	— NORTH COUNTY
● MILEPOST	— EXTENSION
— NORTH COUNTY	▭ COUNTY BOUNDARY
● EXTENSION	▭ STATE BOUNDARY
● MILEPOST	

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**FIGURE 1**  
**LOCATION MAP**  
**SHEET 10 OF 21**

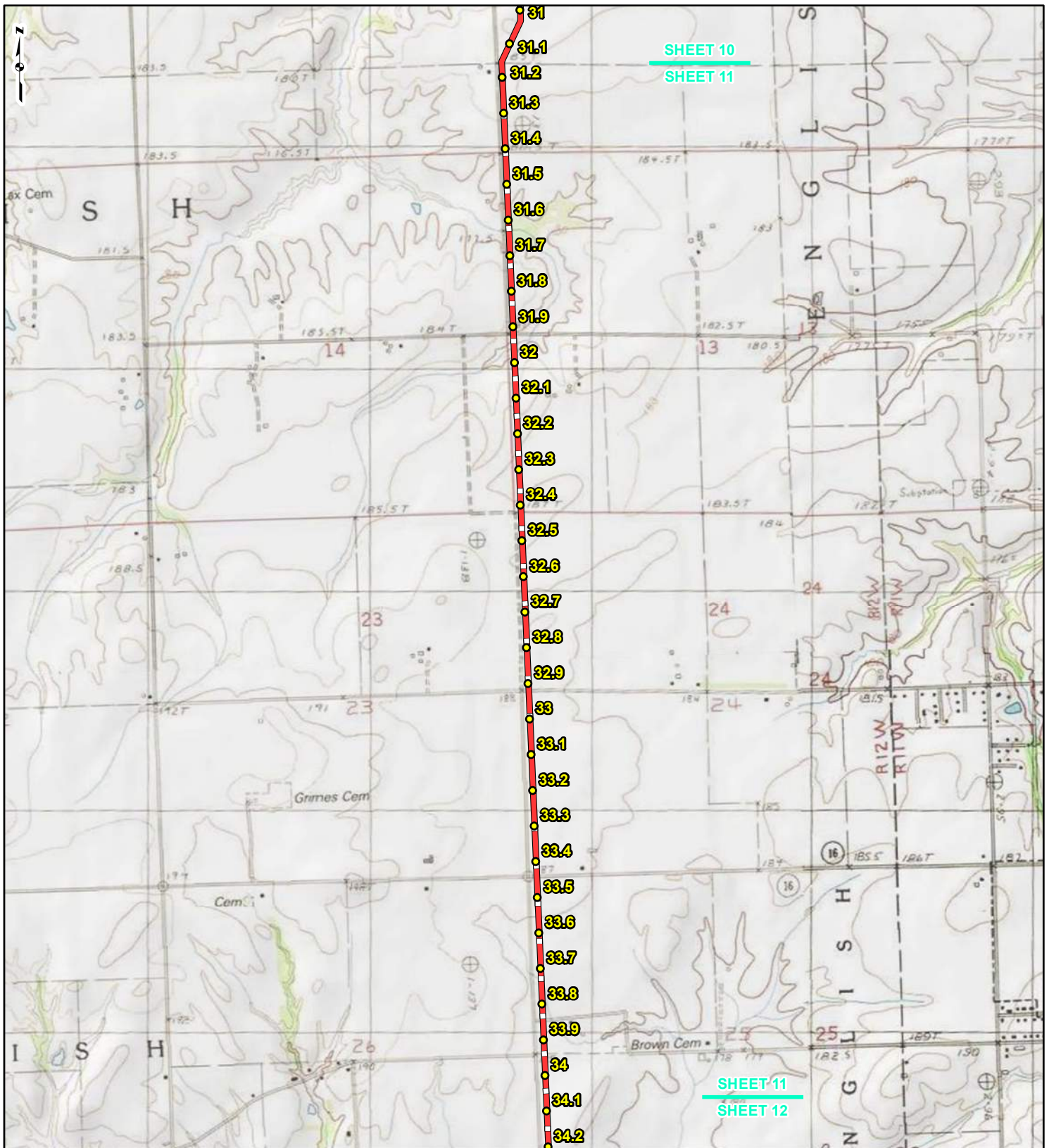
**SPIRE STL**  
**PIPELINE**  
**PROJECT**

gai consultants    spire

DRAWN BY: PMH    DATE: 3/28/2017  
CHECKED: SWW    APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), EL SAH (1995), FLORISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE MILEPOST	— NORTH COUNTY EXTENSION
● NORTH COUNTY EXTENSION MILEPOST	▭ COUNTY BOUNDARY
	▭ STATE BOUNDARY

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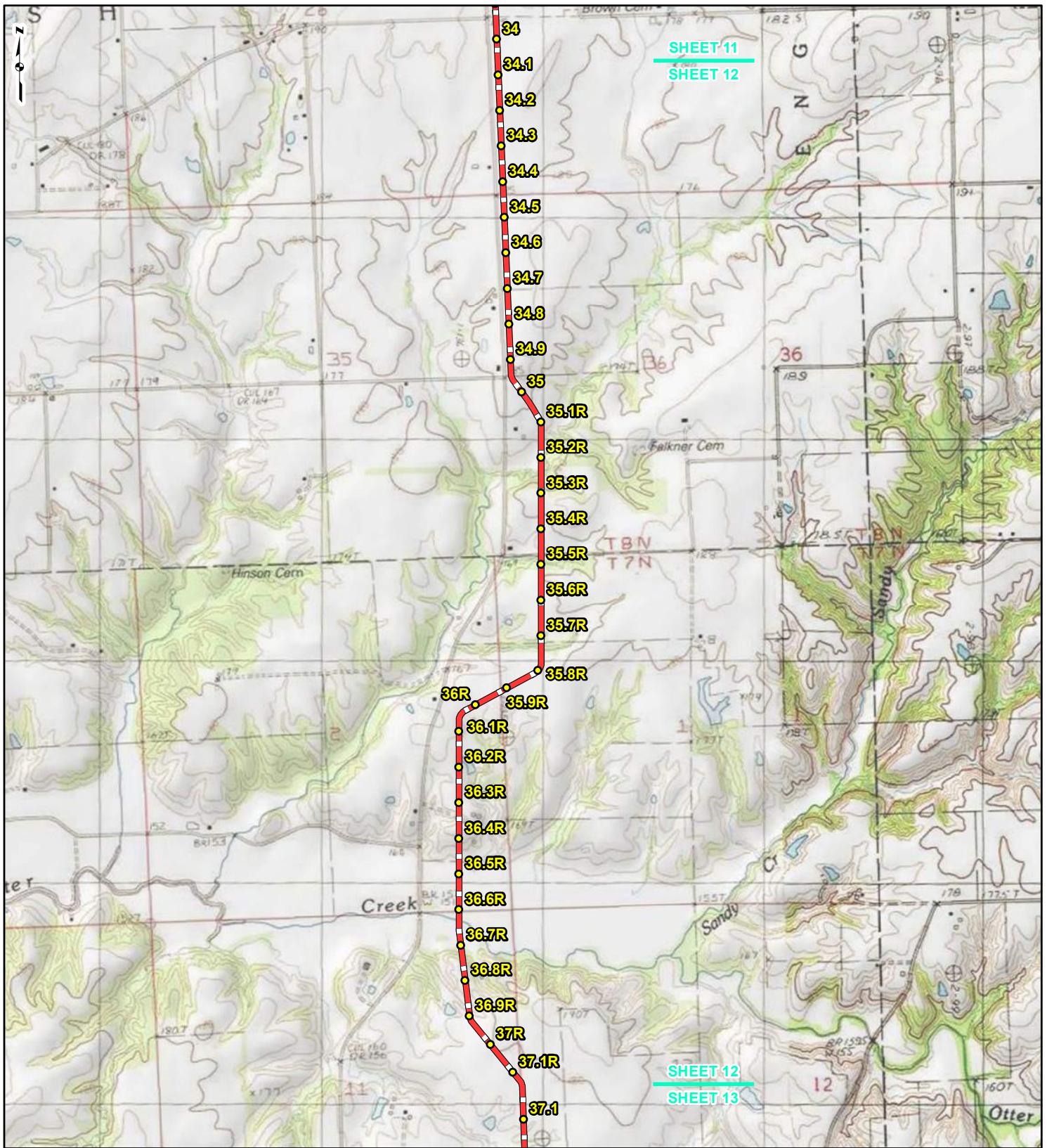
**FIGURE 1  
LOCATION MAP  
SHEET 11 OF 21**

**SPIRE STL  
PIPELINE  
PROJECT**

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REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), EL SAH (1995), FLORISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





SHEET 11  
SHEET 12

SHEET 12  
SHEET 13



**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE	— NORTH COUNTY
● MILEPOST	— EXTENSION
— NORTH COUNTY	▭ COUNTY BOUNDARY
● EXTENSION	▭ STATE BOUNDARY
● MILEPOST	

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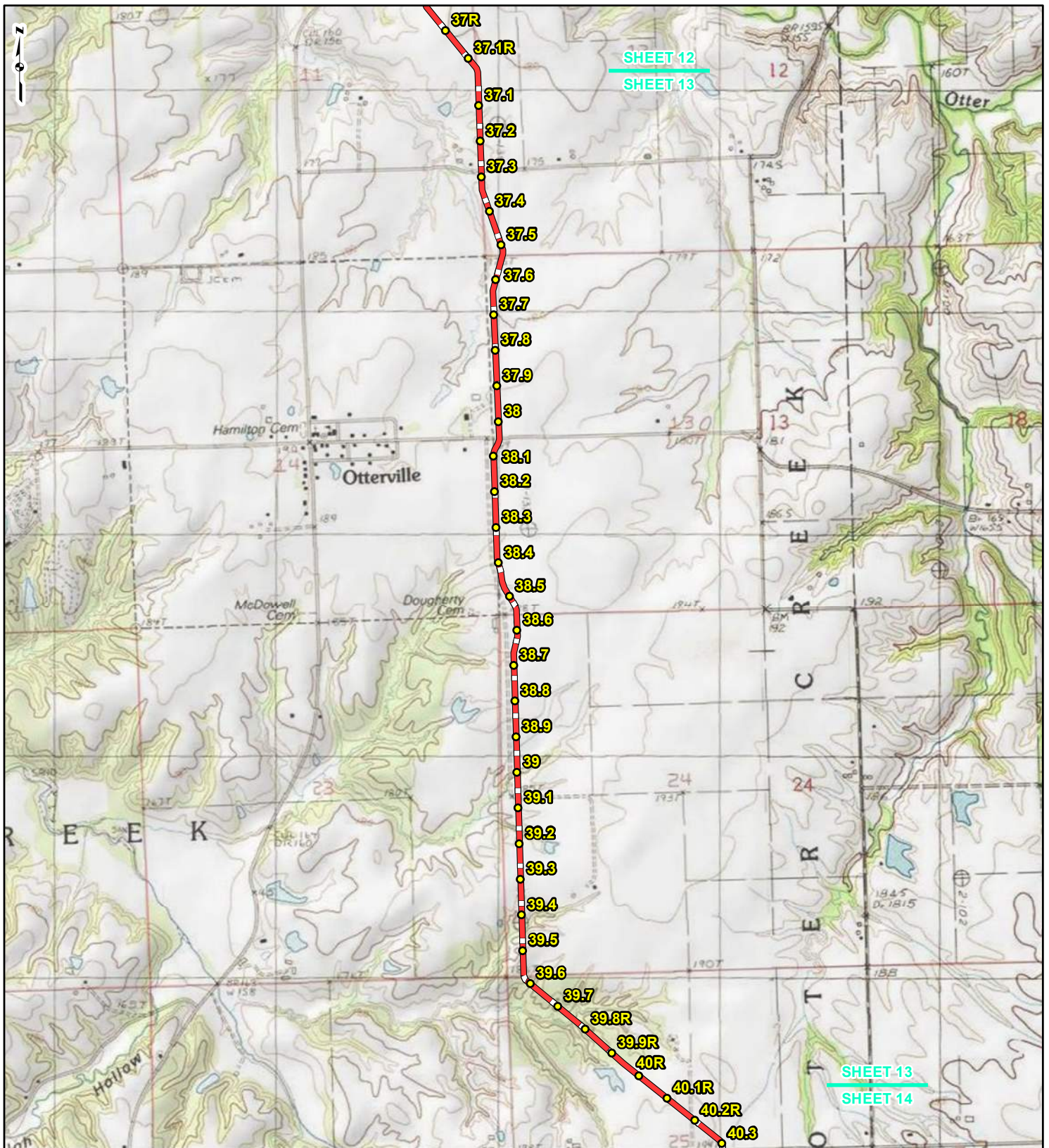
**FIGURE 1  
LOCATION MAP  
SHEET 12 OF 21**

**SPIRE STL  
PIPELINE  
PROJECT**

DRAWN BY: PMH      DATE: 3/28/2017  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLORISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE MILEPOST	— NORTH COUNTY EXTENSION
● NORTH COUNTY EXTENSION MILEPOST	▭ COUNTY BOUNDARY
	▭ STATE BOUNDARY

0 1,000 2,000 4,000 Feet

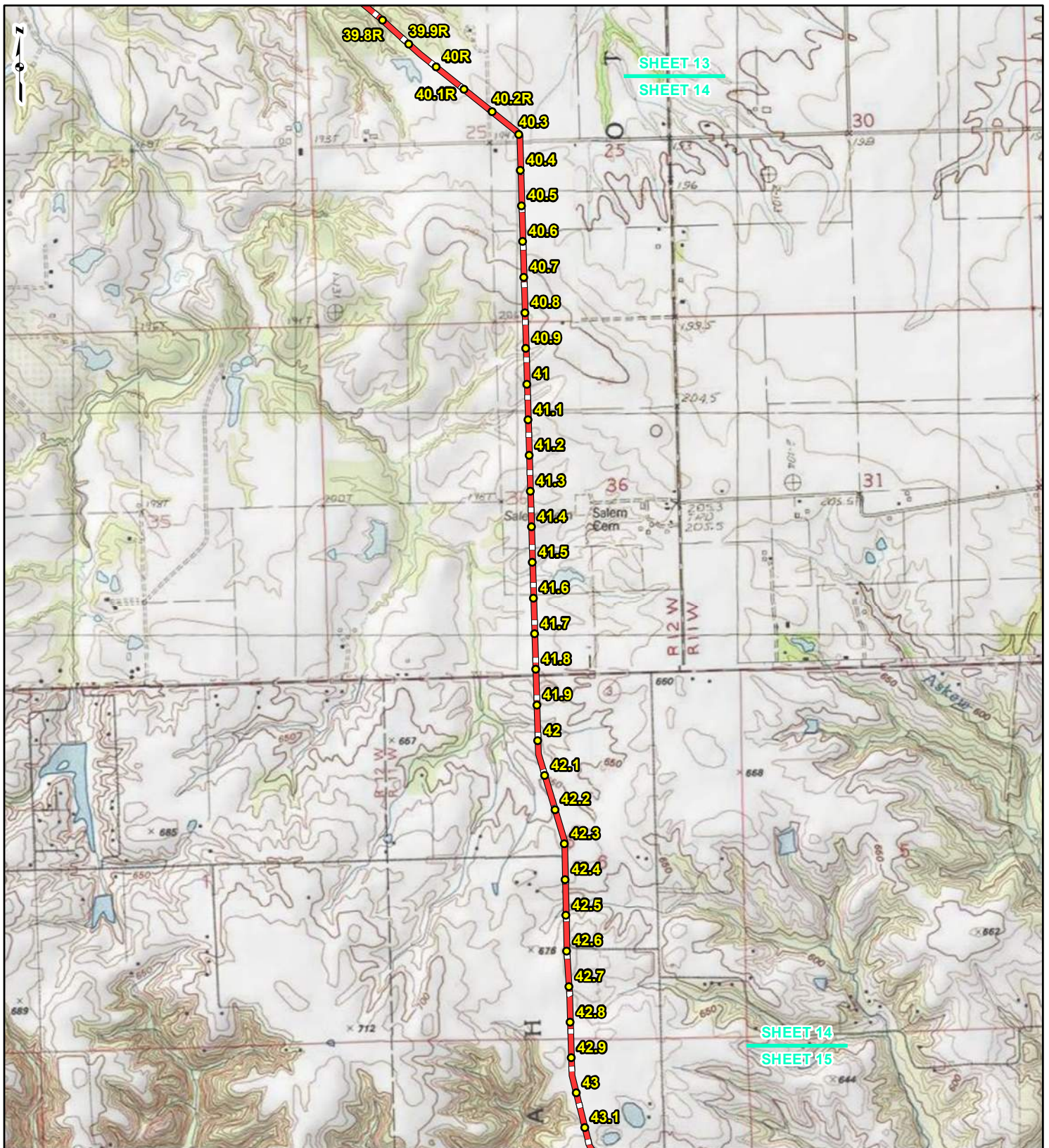
**FIGURE 1  
LOCATION MAP  
SHEET 13 OF 21**

**SPIRE STL PIPELINE PROJECT**

DRAWN BY: PMH      DATE: 3/28/2017  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLOISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE	— NORTH COUNTY
● MILEPOST	— EXTENSION
— NORTH COUNTY	▭ COUNTY BOUNDARY
● EXTENSION	▭ STATE BOUNDARY
● MILEPOST	

0    1,000    2,000    4,000  
Feet

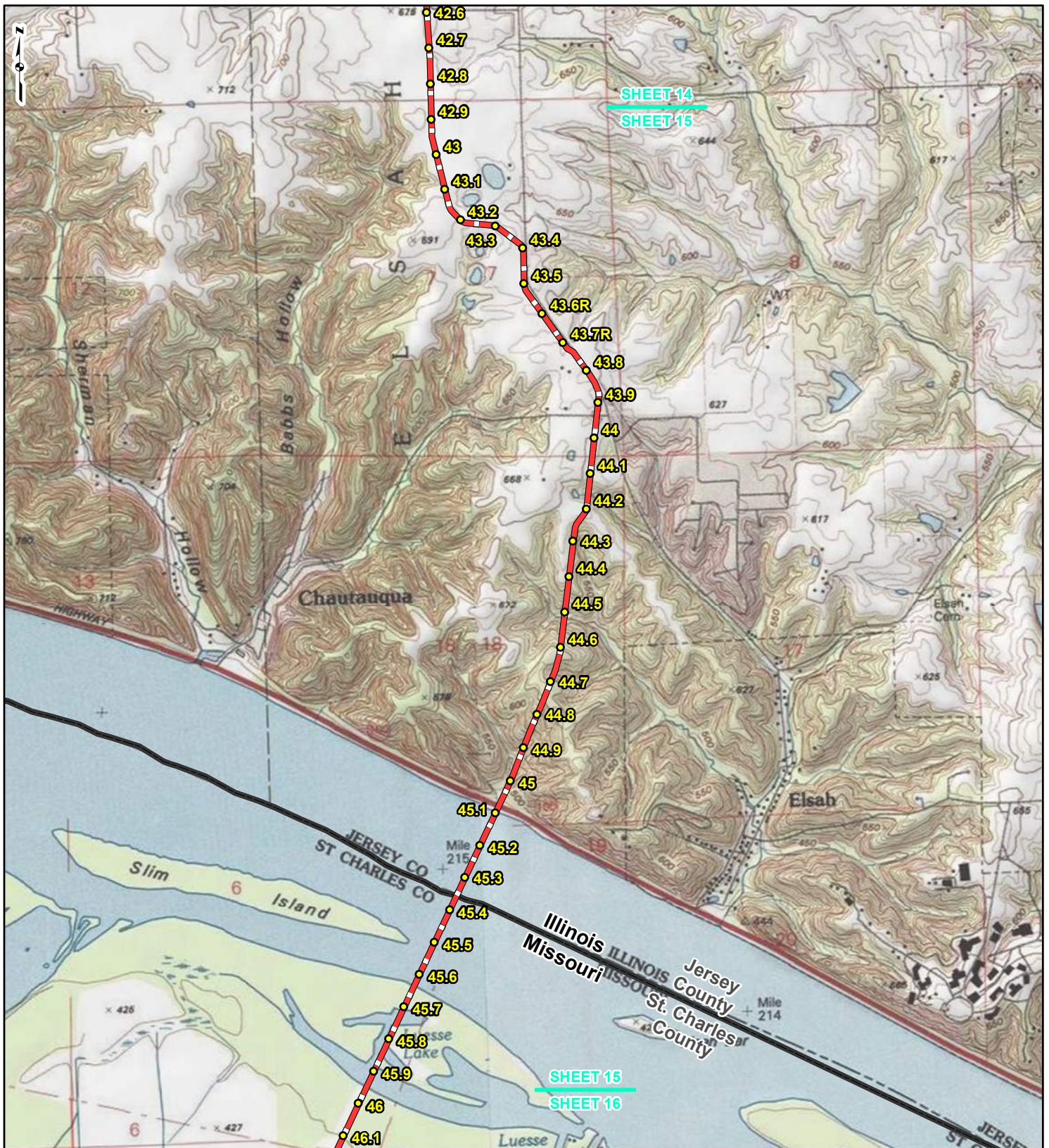
**FIGURE 1**  
**LOCATION MAP**  
**SHEET 14 OF 21**

**SPIRE STL**  
**PIPELINE**  
**PROJECT**

DRAWN BY: PMH      DATE: 3/28/2017  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLORISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

- PROPOSED FACILITIES
- 24-INCH PIPELINE
- MILEPOST
- NORTH COUNTY
- EXTENSION
- MILEPOST
- 24-INCH PIPELINE
- NORTH COUNTY
- EXTENSION
- COUNTY BOUNDARY
- STATE BOUNDARY

0 1,000 2,000 4,000 Feet

**FIGURE 1**  
**LOCATION MAP**  
**SHEET 15 OF 21**

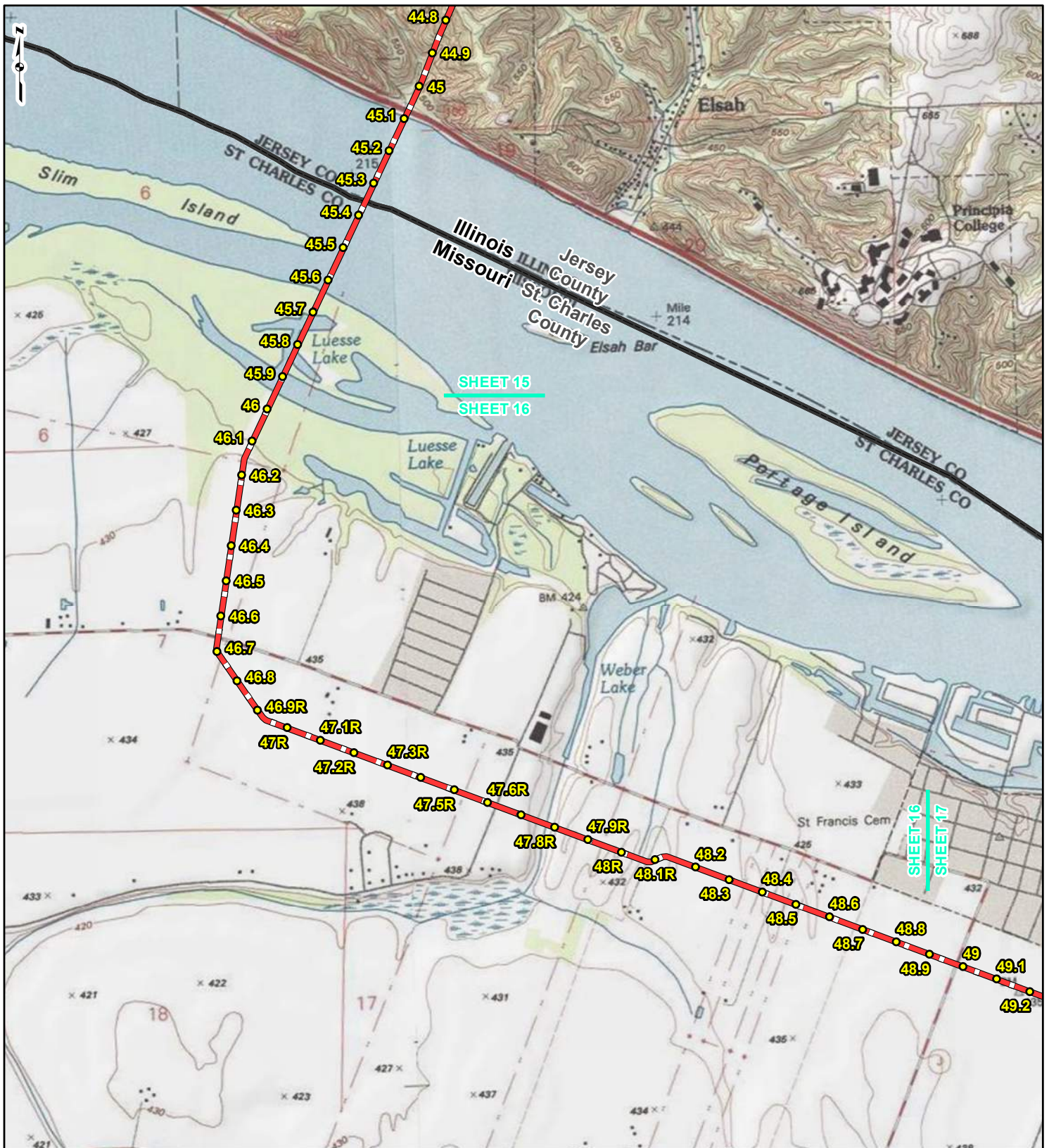
**SPIRE STL PIPELINE PROJECT**

gai consultants **spire**

DRAWN BY: PMH DATE: 3/28/2017  
 CHECKED: SWW APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLORISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE	— NORTH COUNTY
● MILEPOST	— EXTENSION
— NORTH COUNTY	▭ COUNTY BOUNDARY
● EXTENSION	▭ STATE BOUNDARY
● MILEPOST	

0    1,000    2,000    4,000  
Feet

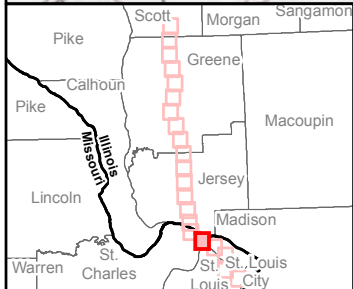
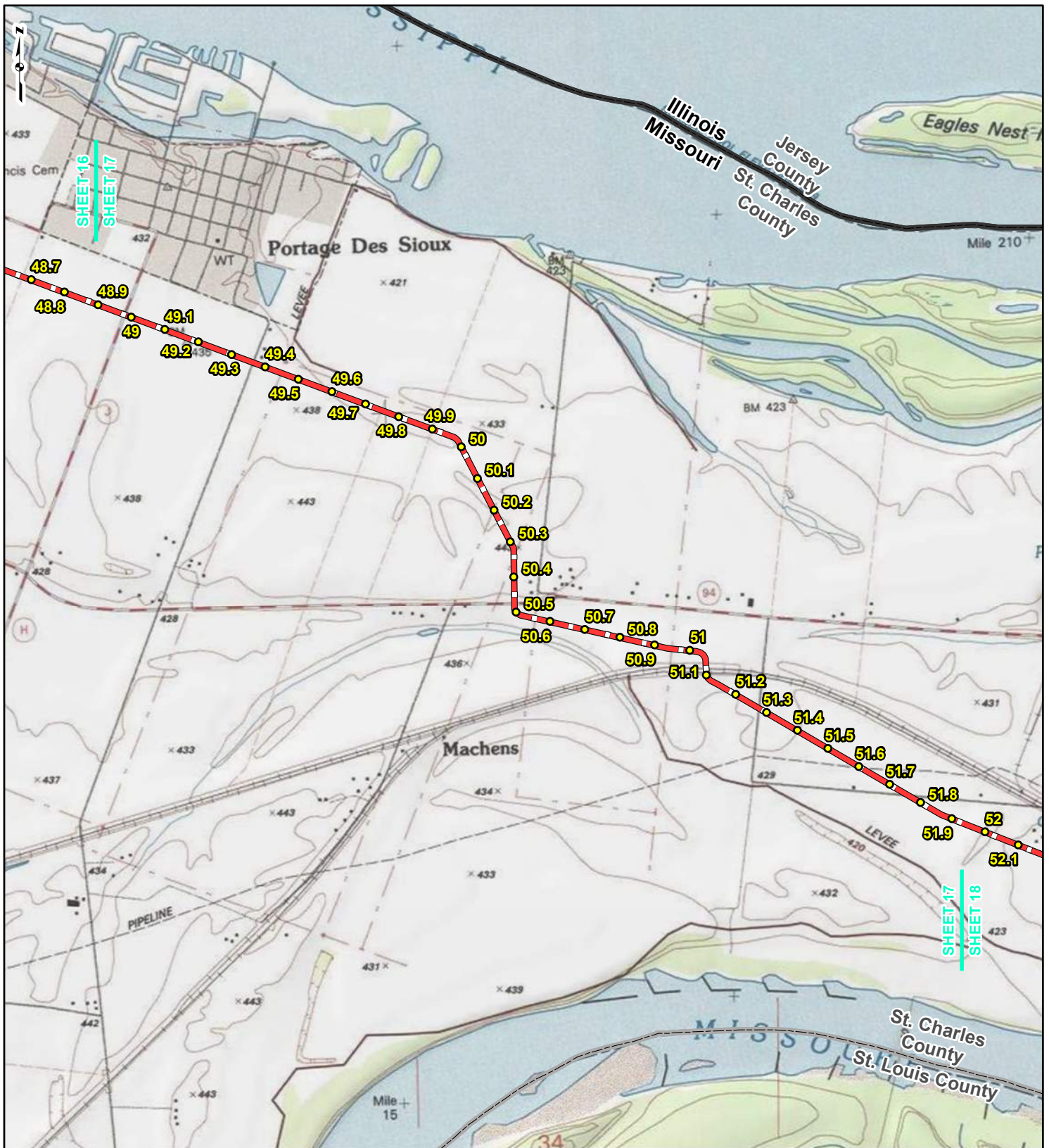
**FIGURE 1**  
**LOCATION MAP**  
**SHEET 16 OF 21**

**SPIRE STL**  
**PIPELINE**  
**PROJECT**

DRAWN BY: PMH      DATE: 3/28/2017  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLOISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE	— NORTH COUNTY
● MILEPOST	— EXTENSION
— NORTH COUNTY	▭ COUNTY BOUNDARY
● EXTENSION	▭ STATE BOUNDARY
● MILEPOST	

0    1,000    2,000    4,000  
Feet

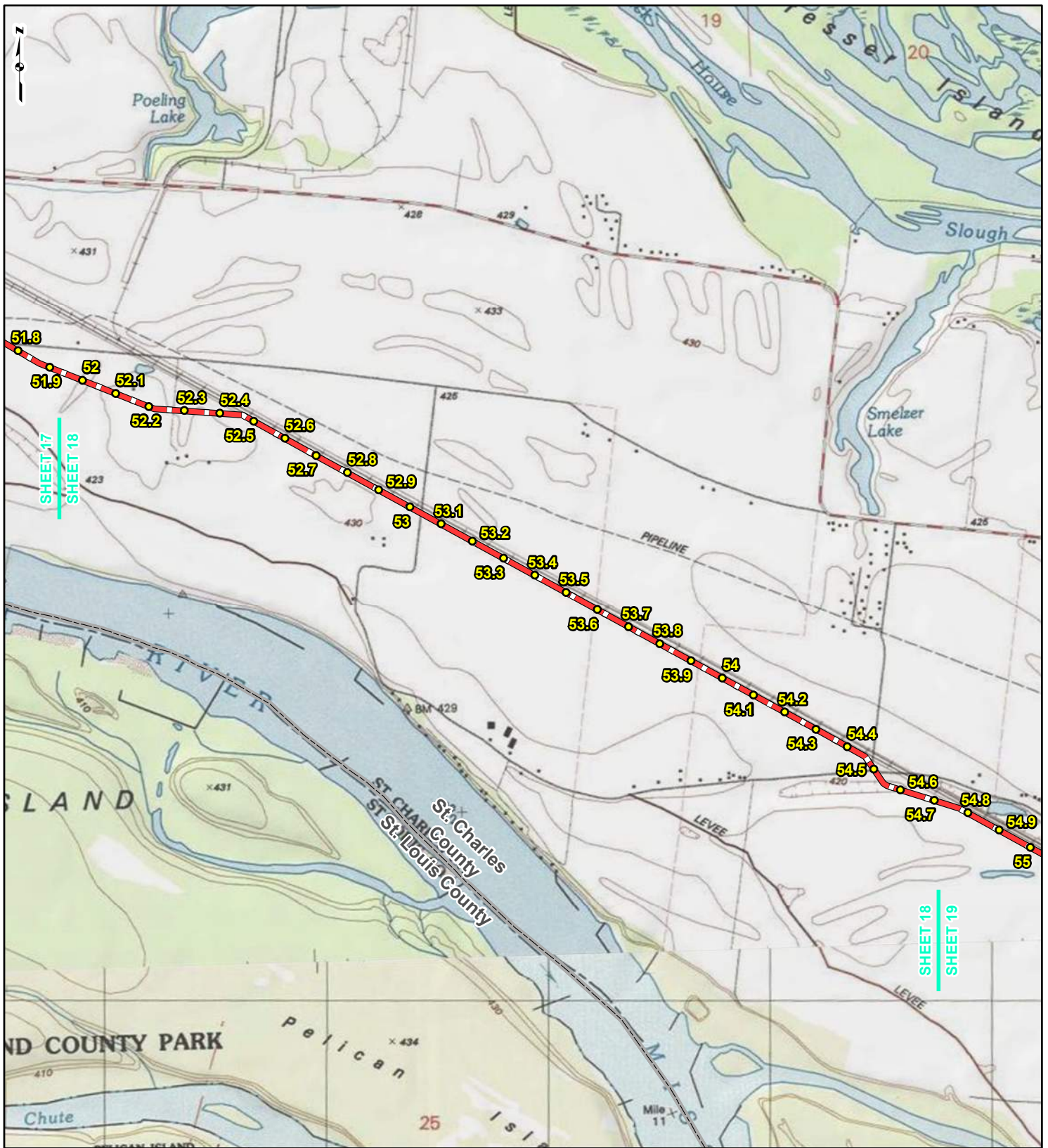
**FIGURE 1**  
**LOCATION MAP**  
**SHEET 17 OF 21**

**SPIRE STL**  
**PIPELINE**  
**PROJECT**

DRAWN BY: PMH      DATE: 3/28/2017  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLORISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE MILEPOST	— NORTH COUNTY EXTENSION
● NORTH COUNTY EXTENSION MILEPOST	▭ COUNTY BOUNDARY
	▭ STATE BOUNDARY

0    1,000    2,000    4,000  
Feet

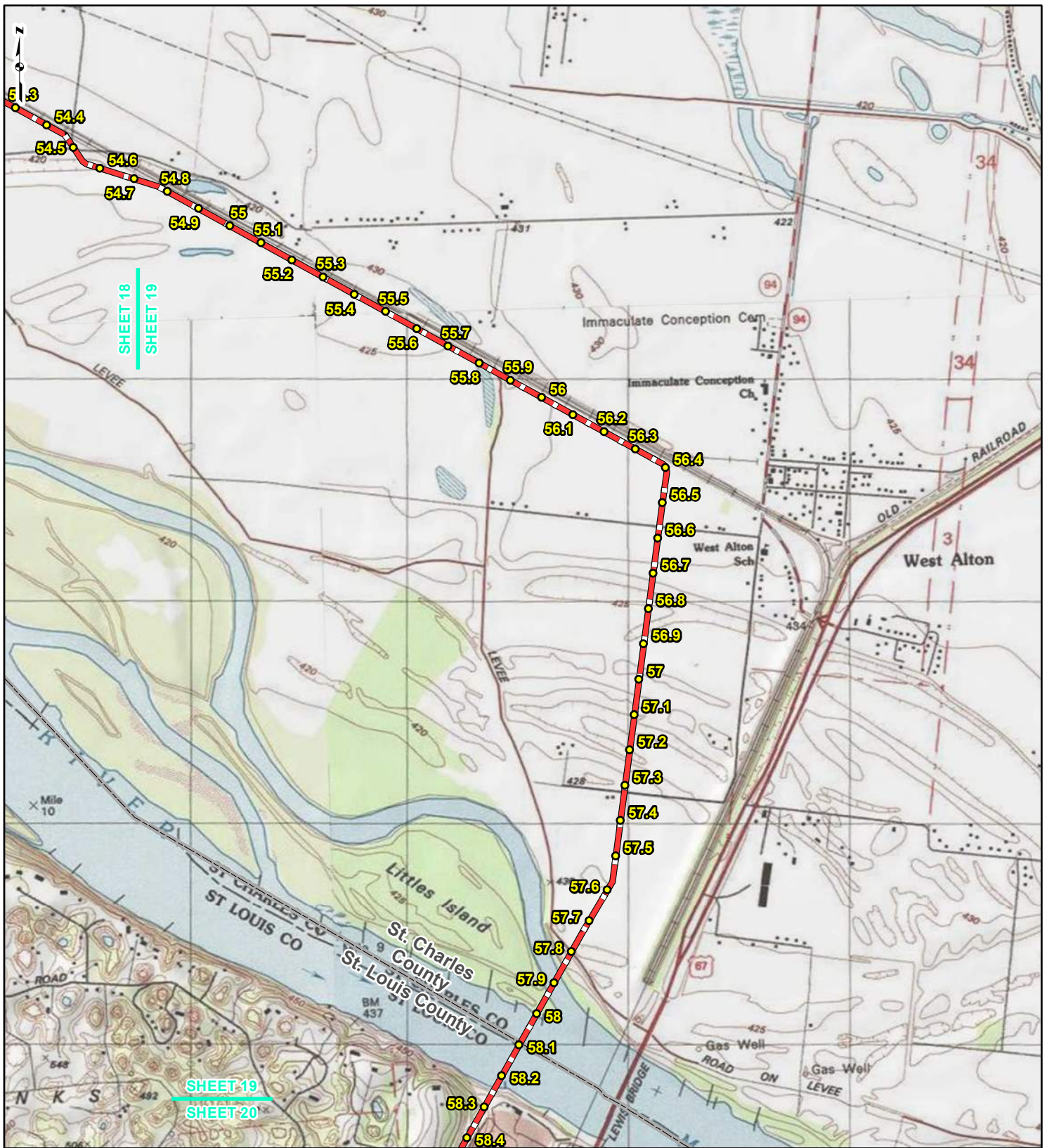
**FIGURE 1  
LOCATION MAP  
SHEET 18 OF 21**

**SPIRE STL  
PIPELINE  
PROJECT**

DRAWN BY: PMH	DATE: 3/28/2017
CHECKED: SWW	APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLORISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE	— NORTH COUNTY
● MILEPOST	— EXTENSION
— NORTH COUNTY	▭ COUNTY BOUNDARY
● EXTENSION	▭ STATE BOUNDARY
● MILEPOST	

0    1,000    2,000    4,000  
Feet

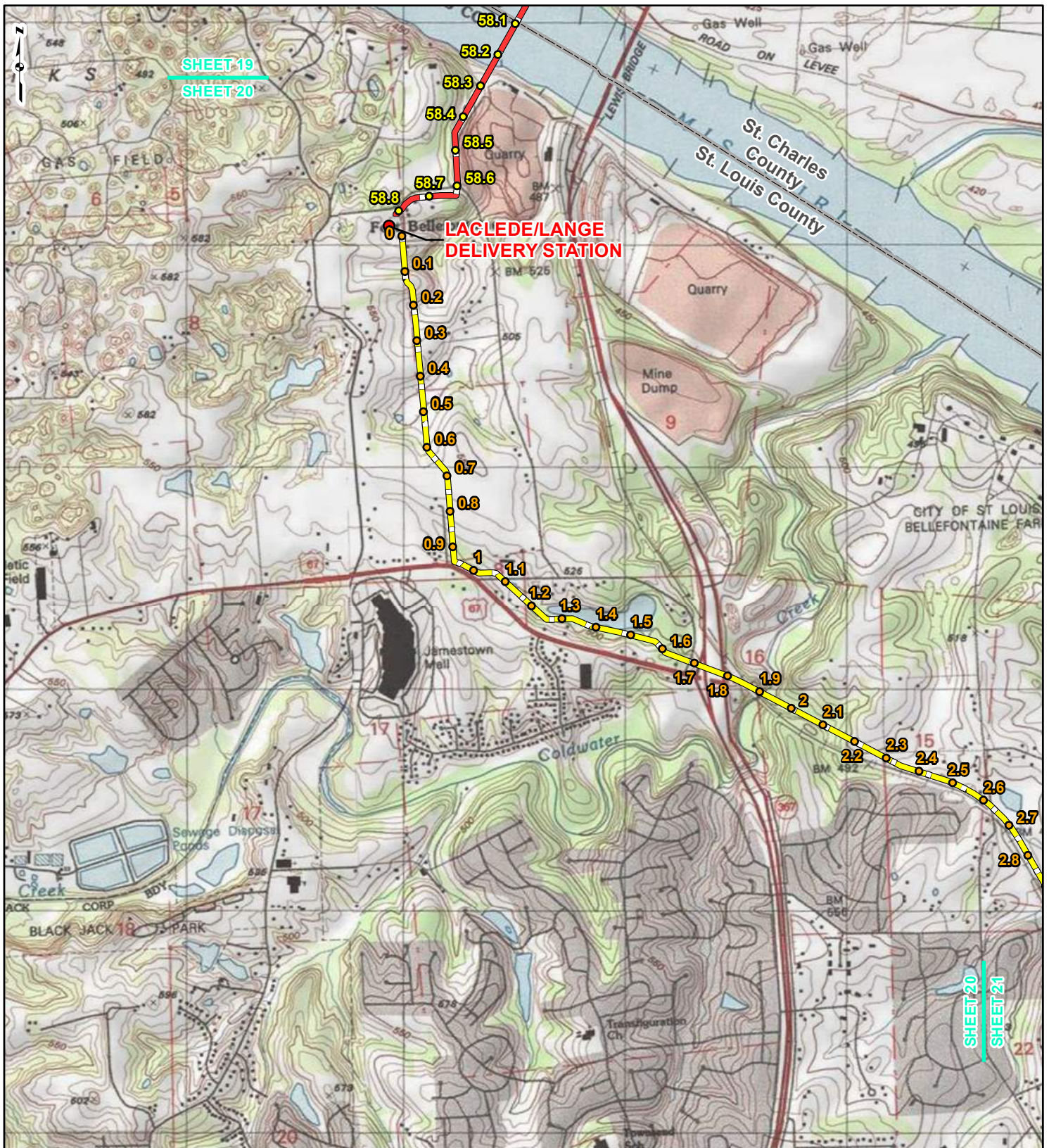
**FIGURE 1  
LOCATION MAP  
SHEET 19 OF 21**

**SPIRE STL  
PIPELINE  
PROJECT**

DRAWN BY: PMH      DATE: 3/28/2017  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLOISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE NORTH COUNTY
● 24-INCH PIPELINE MILEPOST	— 24-INCH PIPELINE EXTENSION
● NORTH COUNTY MILEPOST	▭ COUNTY BOUNDARY
● EXTENSION MILEPOST	▭ STATE BOUNDARY

0    1,000    2,000    4,000 Feet

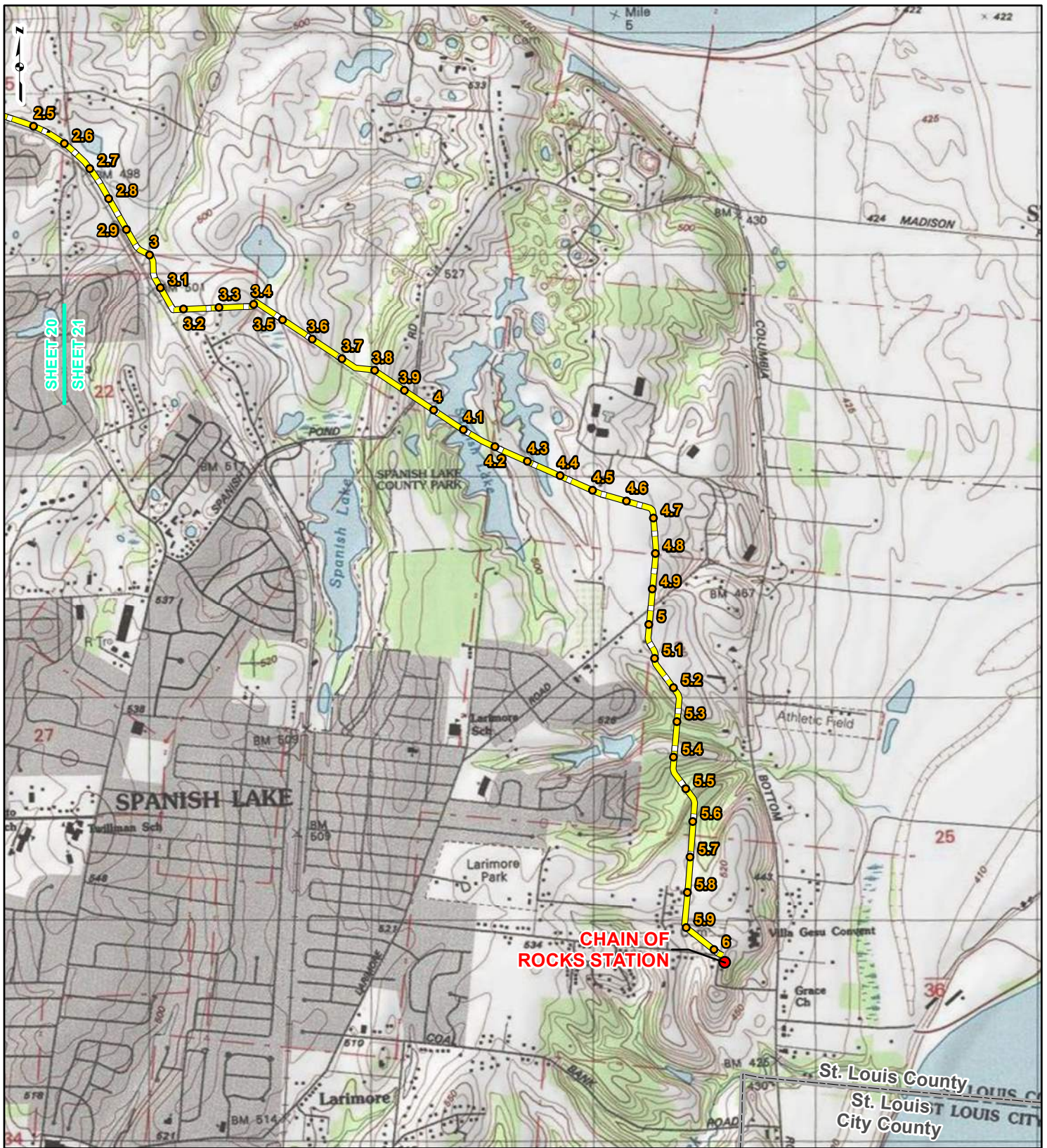
**FIGURE 1  
LOCATION MAP  
SHEET 20 OF 21**

**SPIRE STL  
PIPELINE  
PROJECT**

DRAWN BY: PMH      DATE: 3/28/2017  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ELSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLORISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE NORTH COUNTY
● 24-INCH PIPELINE EXTENSION	— 24-INCH PIPELINE EXTENSION
● NORTH COUNTY MILEPOST	▭ COUNTY BOUNDARY
● EXTENSION MILEPOST	▭ STATE BOUNDARY

0    1,000    2,000    4,000 Feet

**FIGURE 1  
LOCATION MAP  
SHEET 21 OF 21**

**SPIRE STL  
PIPELINE  
PROJECT**

DRAWN BY: PMH      DATE: 3/28/2017  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLORISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





GAI Consultants, Inc.-Chicago Office  
2300 Cabot Drive, Suite 395  
Lisle, Illinois 60532

T 630.605.5255

March 28, 2017

USDA - Farm Service Agency - Jerseyville Service Center  
604 E Franklin  
Jerseyville, IL 62052-2400

**Re: Supplemental Information (Docket No. CP17-40)  
Spire STL Pipeline LLC  
Spire STL Pipeline Project  
Scott, Greene, and Jersey Counties, Illinois  
and St. Charles and St. Louis Counties, Missouri**

Dear Sir or Madam:

In June 2016, Spire Pipeline LLC ("Spire") initiated consultation with your office regarding their intent to construct, own, and operate the proposed Spire STL Pipeline Project ("Project") which consisted of approximately 59 miles of new, greenfield 24-inch-diameter steel pipeline (referred to as the "24-inch pipeline") originating at an interconnection with the Rockies Express Pipeline LLC ("REX") pipeline in Scott County, Illinois; extending down through Greene and Jersey counties in Illinois before crossing the Mississippi River and extending east into St. Charles County, Missouri, crossing the Missouri River and tying into an existing pipeline in St. Louis County, Missouri that is currently owned and operated by Laclede Gas Company ("LGC") (referred to as "Line 880"). Line 880 consisted of approximately seven miles of existing 20-inch-diameter steel pipeline. As part of the proposed Project, Spire was planning on modifying Line 880 before placing it in to interstate service. The Project also included the construction of minor aboveground metering and regulating ("M&R") stations. On January 26, 2017, Spire filed an application with the Federal Energy Regulatory Commission ("FERC") for a Certificate of Public Convenience and Necessity for the Project (Docket No. CP17-40-000).

On March 15, 2017, Spire filed a "Preliminary Notification of Preferred Route Change" with FERC, indicating that the Spire no longer plans to modify the existing Line 880 as part of the Project. Instead, Spire intends to construct a new, greenfield 24-inch pipeline (referred to as the "North County Extension") which will extend the 24-inch pipeline portion of the Project to a proposed interconnect with Enable Mississippi River Transmission ("Enable MRT"). Spire plans to file an amended application with FERC in April 2017. GAI Consultants, Inc. ("GAI"), on behalf of Spire, is submitting supplemental information to assist with your review of the Project as amended. An updated description of the proposed Project facilities and location map (Figure 1) are provided herein.

**Amended Project Description**

The amended Project as proposed will consist of approximately 65 miles of new, greenfield, 24-inch-diameter steel pipeline in two segments. The first segment (referred to as the "24-inch pipeline" portion of the Project) will originate at a new interconnect with the REX pipeline in Scott County, Illinois and extend approximately 59 miles through Greene and Jersey Counties in Illinois before crossing the Mississippi River and extending east through St. Charles County, Missouri. The 24-inch pipeline then crosses the Missouri River into St. Louis County, Missouri, and terminates at a new interconnect with LGC. The second segment of new, greenfield pipeline, North County Extension, will consist of a 24-inch-diameter steel pipeline which will extend approximately six miles from the LGC interconnect through the northern portion of St. Louis County and terminate at a new interconnect with Enable MRT and LGC. The total length of the Project pipeline will be approximately 65 miles. The



overall design capacity of the Project pipeline is expected to be 400,000 dekatherms per day ("Dth/d"). No compression will be required. The Project also includes the construction of three new M&R stations that provide interconnects with (1) REX in Illinois, (2) LGC in Missouri, and (3) Enable MRT and LGC in Missouri.

The acquisition and modifications to LGC's existing Line 880 is no longer proposed as part of the Project.

Spire anticipates a typical 90-foot temporary construction right-of-way width, and a 50-foot permanent easement. The construction right-of-way is anticipated to be reduced to 75 feet at streams and wetlands. An additional 25 feet of temporary work space will be required through agricultural areas, and additional temporary work space will be required to facilitate construction in certain areas, such as crossings of roads, railroads, streams, and wetlands.

The updated Project schedule includes the following target dates:

- July 22, 2016 - National Environmental Policy Act ("NEPA") process began (initiation of FERC Pre-filing process);
- August 2016 through March 2017 (Anticipated) - Biological and Cultural Resource Surveys;
- January 26, 2017 - Application Filed with FERC;
- April 2017 (Anticipated) - File Amended Application with FERC;
- September 2017 (Anticipated) - Draft NEPA Document Published; and
- December 2017 (Anticipated) - FERC Decision on Application.

Construction is anticipated to commence in January 2018.

**On behalf of Spire, we'd like to take this opportunity to invite the USDA - Farm Service Agency - Jerseyville Service Center to provide comments regarding the Project as it will be amended. We appreciate your continued involvement and cooperation in the review of this important Project.**

If you have any questions or would like additional information, please feel free to contact me at 630.605.5255 or by e-mail at L.Ferry@gaiconsultants.com.

Sincerely,

**GAI Consultants, Inc.**



Lori M. Ferry  
Environmental Manager

LMF/ka

Attachment: United States Geological Survey (USGS) Topographic Map (Figure 1)





GAI Consultants, Inc.-Chicago Office  
2300 Cabot Drive, Suite 395  
Lisle, Illinois 60532

T 630.605.5255

March 28, 2017

USDA - Farm Service Agency - Carrollton Service Center  
Route 267 North  
Carrollton, IL 62016-9545

**Re: Supplemental Information (Docket No. CP17-40)  
Spire STL Pipeline LLC  
Spire STL Pipeline Project  
Scott, Greene, and Jersey Counties, Illinois  
and St. Charles and St. Louis Counties, Missouri**

Dear Sir or Madam:

In June 2016, Spire Pipeline LLC ("Spire") initiated consultation with your office regarding their intent to construct, own, and operate the proposed Spire STL Pipeline Project ("Project") which consisted of approximately 59 miles of new, greenfield 24-inch-diameter steel pipeline (referred to as the "24-inch pipeline") originating at an interconnection with the Rockies Express Pipeline LLC ("REX") pipeline in Scott County, Illinois; extending down through Greene and Jersey counties in Illinois before crossing the Mississippi River and extending east into St. Charles County, Missouri, crossing the Missouri River and tying into an existing pipeline in St. Louis County, Missouri that is currently owned and operated by Laclede Gas Company ("LGC") (referred to as "Line 880"). Line 880 consisted of approximately seven miles of existing 20-inch-diameter steel pipeline. As part of the proposed Project, Spire was planning on modifying Line 880 before placing it in to interstate service. The Project also included the construction of minor aboveground metering and regulating ("M&R") stations. On January 26, 2017, Spire filed an application with the Federal Energy Regulatory Commission ("FERC") for a Certificate of Public Convenience and Necessity for the Project (Docket No. CP17-40-000).

On March 15, 2017, Spire filed a "Preliminary Notification of Preferred Route Change" with FERC, indicating that the Spire no longer plans to modify the existing Line 880 as part of the Project. Instead, Spire intends to construct a new, greenfield 24-inch pipeline (referred to as the "North County Extension") which will extend the 24-inch pipeline portion of the Project to a proposed interconnect with Enable Mississippi River Transmission ("Enable MRT"). Spire plans to file an amended application with FERC in April 2017. GAI Consultants, Inc. ("GAI"), on behalf of Spire, is submitting supplemental information to assist with your review of the Project as amended. An updated description of the proposed Project facilities and location map (Figure 1) are provided herein.

### **Amended Project Description**

The amended Project as proposed will consist of approximately 65 miles of new, greenfield, 24-inch-diameter steel pipeline in two segments. The first segment (referred to as the "24-inch pipeline" portion of the Project) will originate at a new interconnect with the REX pipeline in Scott County, Illinois and extend approximately 59 miles through Greene and Jersey Counties in Illinois before crossing the Mississippi River and extending east through St. Charles County, Missouri. The 24-inch pipeline then crosses the Missouri River into St. Louis County, Missouri, and terminates at a new interconnect with LGC. The second segment of new, greenfield pipeline, North County Extension, will consist of a 24-inch-diameter steel pipeline which will extend approximately six miles from the LGC interconnect through the northern portion of St. Louis County and terminate at a new interconnect with Enable MRT and LGC. The total length of the Project pipeline will be approximately 65 miles. The



overall design capacity of the Project pipeline is expected to be 400,000 dekatherms per day ("Dth/d"). No compression will be required. The Project also includes the construction of three new M&R stations that provide interconnects with (1) REX in Illinois, (2) LGC in Missouri, and (3) Enable MRT and LGC in Missouri.

The acquisition and modifications to LGC's existing Line 880 is no longer proposed as part of the Project.

Spire anticipates a typical 90-foot temporary construction right-of-way width, and a 50-foot permanent easement. The construction right-of-way is anticipated to be reduced to 75 feet at streams and wetlands. An additional 25 feet of temporary work space will be required through agricultural areas, and additional temporary work space will be required to facilitate construction in certain areas, such as crossings of roads, railroads, streams, and wetlands.

The updated Project schedule includes the following target dates:

- July 22, 2016 - National Environmental Policy Act ("NEPA") process began (initiation of FERC Pre-filing process);
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- April 2017 (Anticipated) - File Amended Application with FERC;
- September 2017 (Anticipated) - Draft NEPA Document Published; and
- December 2017 (Anticipated) - FERC Decision on Application.

Construction is anticipated to commence in January 2018.

**On behalf of Spire, we'd like to take this opportunity to invite the USDA - Farm Service Agency - Carrollton Service Center to provide comments regarding the Project as it will be amended. We appreciate your continued involvement and cooperation in the review of this important Project.**

If you have any questions or would like additional information, please feel free to contact me at 630.605.5255 or by e-mail at L.Ferry@gaiconsultants.com.

Sincerely,

**GAI Consultants, Inc.**



Lori M. Ferry  
Environmental Manager

LMF/ka

Attachment: United States Geological Survey (USGS) Topographic Map (Figure 1)





GAI Consultants, Inc.-Chicago Office  
2300 Cabot Drive, Suite 395  
Lisle, Illinois 60532

T 630.605.5255

March 28, 2017

Ms. Rebecca D. Walls  
County Executive Director  
USDA - Farm Service Agency - Scott County  
656 North Main St  
Winchester, IL 62694-3611

**Re: Supplemental Information (Docket No. CP17-40)  
Spire STL Pipeline LLC  
Spire STL Pipeline Project  
Scott, Greene, and Jersey Counties, Illinois  
and St. Charles and St. Louis Counties, Missouri**

Dear Ms. Walls:

In June 2016, Spire Pipeline LLC ("Spire") initiated consultation with your office regarding their intent to construct, own, and operate the proposed Spire STL Pipeline Project ("Project") which consisted of approximately 59 miles of new, greenfield 24-inch-diameter steel pipeline (referred to as the "24-inch pipeline") originating at an interconnection with the Rockies Express Pipeline LLC ("REX") pipeline in Scott County, Illinois; extending down through Greene and Jersey counties in Illinois before crossing the Mississippi River and extending east into St. Charles County, Missouri, crossing the Missouri River and tying into an existing pipeline in St. Louis County, Missouri that is currently owned and operated by Laclede Gas Company ("LGC") (referred to as "Line 880"). Line 880 consisted of approximately seven miles of existing 20-inch-diameter steel pipeline. As part of the proposed Project, Spire was planning on modifying Line 880 before placing it in to interstate service. The Project also included the construction of minor aboveground metering and regulating ("M&R") stations. On January 26, 2017, Spire filed an application with the Federal Energy Regulatory Commission ("FERC") for a Certificate of Public Convenience and Necessity for the Project (Docket No. CP17-40-000).

On March 15, 2017, Spire filed a "Preliminary Notification of Preferred Route Change" with FERC, indicating that the Spire no longer plans to modify the existing Line 880 as part of the Project. Instead, Spire intends to construct a new, greenfield 24-inch pipeline (referred to as the "North County Extension") which will extend the 24-inch pipeline portion of the Project to a proposed interconnect with Enable Mississippi River Transmission ("Enable MRT"). Spire plans to file an amended application with FERC in April 2017. GAI Consultants, Inc. ("GAI"), on behalf of Spire, is submitting supplemental information to assist with your review of the Project as amended. An updated description of the proposed Project facilities and location map (Figure 1) are provided herein.

**Amended Project Description**

The amended Project as proposed will consist of approximately 65 miles of new, greenfield, 24-inch-diameter steel pipeline in two segments. The first segment (referred to as the "24-inch pipeline" portion of the Project) will originate at a new interconnect with the REX pipeline in Scott County, Illinois and extend approximately 59 miles through Greene and Jersey Counties in Illinois before crossing the Mississippi River and extending east through St. Charles County, Missouri. The 24-inch pipeline then crosses the Missouri River into St. Louis County, Missouri, and terminates at a new interconnect with LGC. The second segment of new, greenfield pipeline, North County Extension, will consist of a 24-inch-diameter steel pipeline which will extend approximately six miles from the LGC



interconnect through the northern portion of St. Louis County and terminate at a new interconnect with Enable MRT and LGC. The total length of the Project pipeline will be approximately 65 miles. The overall design capacity of the Project pipeline is expected to be 400,000 dekatherms per day ("Dth/d"). No compression will be required. The Project also includes the construction of three new M&R stations that provide interconnects with (1) REX in Illinois, (2) LGC in Missouri, and (3) Enable MRT and LGC in Missouri.

The acquisition and modifications to LGC's existing Line 880 is no longer proposed as part of the Project.

Spire anticipates a typical 90-foot temporary construction right-of-way width, and a 50-foot permanent easement. The construction right-of-way is anticipated to be reduced to 75 feet at streams and wetlands. An additional 25 feet of temporary work space will be required through agricultural areas, and additional temporary work space will be required to facilitate construction in certain areas, such as crossings of roads, railroads, streams, and wetlands.

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- January 26, 2017 - Application Filed with FERC;
- April 2017 (Anticipated) - File Amended Application with FERC;
- September 2017 (Anticipated) - Draft NEPA Document Published; and
- December 2017 (Anticipated) - FERC Decision on Application.

Construction is anticipated to commence in January 2018.

**On behalf of Spire, we'd like to take this opportunity to invite the USDA - Farm Service Agency - Scott County to provide comments regarding the Project as it will be amended. We appreciate your continued involvement and cooperation in the review of this important Project.**

If you have any questions or would like additional information, please feel free to contact me at 630.605.5255 or by e-mail at L.Ferry@gaiconsultants.com.

Sincerely,

**GAI Consultants, Inc.**



Lori M. Ferry  
Environmental Manager

LMF/ka

Attachment: United States Geological Survey (USGS) Topographic Map (Figure 1)





GAI Consultants, Inc.-Chicago Office  
2300 Cabot Drive, Suite 395  
Lisle, Illinois 60532

T 630.605.5255

March 28, 2017

Ms. Renee Cook  
District Conservationist  
USDA-NRCS - County Service Center for St. Charles and St. Louis Counties  
160 Saint Peters Centre Blvd  
St. Peters, MO 63376

**Re: Supplemental Information (Docket No. CP17-40)  
Spire STL Pipeline LLC  
Spire STL Pipeline Project  
Scott, Greene, and Jersey Counties, Illinois  
and St. Charles and St. Louis Counties, Missouri**

Dear Ms. Cook:

In June 2016, Spire Pipeline LLC ("Spire") initiated consultation with your office regarding their intent to construct, own, and operate the proposed Spire STL Pipeline Project ("Project") which consisted of approximately 59 miles of new, greenfield 24-inch-diameter steel pipeline (referred to as the "24-inch pipeline") originating at an interconnection with the Rockies Express Pipeline LLC ("REX") pipeline in Scott County, Illinois; extending down through Greene and Jersey counties in Illinois before crossing the Mississippi River and extending east into St. Charles County, Missouri, crossing the Missouri River and tying into an existing pipeline in St. Louis County, Missouri that is currently owned and operated by Laclede Gas Company ("LGC") (referred to as "Line 880"). Line 880 consisted of approximately seven miles of existing 20-inch-diameter steel pipeline. As part of the proposed Project, Spire was planning on modifying Line 880 before placing it in to interstate service. The Project also included the construction of minor aboveground metering and regulating ("M&R") stations. On January 26, 2017, Spire filed an application with the Federal Energy Regulatory Commission ("FERC") for a Certificate of Public Convenience and Necessity for the Project (Docket No. CP17-40-000).

On March 15, 2017, Spire filed a "Preliminary Notification of Preferred Route Change" with FERC, indicating that the Spire no longer plans to modify the existing Line 880 as part of the Project. Instead, Spire intends to construct a new, greenfield 24-inch pipeline (referred to as the "North County Extension") which will extend the 24-inch pipeline portion of the Project to a proposed interconnect with Enable Mississippi River Transmission ("Enable MRT"). Spire plans to file an amended application with FERC in April 2017. GAI Consultants, Inc. ("GAI"), on behalf of Spire, is submitting supplemental information to assist with your review of the Project as amended. An updated description of the proposed Project facilities and location map (Figure 1) are provided herein.

**Amended Project Description**

The amended Project as proposed will consist of approximately 65 miles of new, greenfield, 24-inch-diameter steel pipeline in two segments. The first segment (referred to as the "24-inch pipeline" portion of the Project) will originate at a new interconnect with the REX pipeline in Scott County, Illinois and extend approximately 59 miles through Greene and Jersey Counties in Illinois before crossing the Mississippi River and extending east through St. Charles County, Missouri. The 24-inch pipeline then crosses the Missouri River into St. Louis County, Missouri, and terminates at a new interconnect with LGC. The second segment of new, greenfield pipeline, North County Extension, will consist of a 24-inch-diameter steel pipeline which will extend approximately six miles from the LGC



interconnect through the northern portion of St. Louis County and terminate at a new interconnect with Enable MRT and LGC. The total length of the Project pipeline will be approximately 65 miles. The overall design capacity of the Project pipeline is expected to be 400,000 dekatherms per day ("Dth/d"). No compression will be required. The Project also includes the construction of three new M&R stations that provide interconnects with (1) REX in Illinois, (2) LGC in Missouri, and (3) Enable MRT and LGC in Missouri.

The acquisition and modifications to LGC's existing Line 880 is no longer proposed as part of the Project.

Spire anticipates a typical 90-foot temporary construction right-of-way width, and a 50-foot permanent easement. The construction right-of-way is anticipated to be reduced to 75 feet at streams and wetlands. An additional 25 feet of temporary work space will be required through agricultural areas, and additional temporary work space will be required to facilitate construction in certain areas, such as crossings of roads, railroads, streams, and wetlands.

The updated Project schedule includes the following target dates:

- July 22, 2016 - National Environmental Policy Act ("NEPA") process began (initiation of FERC Pre-filing process);
- August 2016 through March 2017 (Anticipated) - Biological and Cultural Resource Surveys;
- January 26, 2017 - Application Filed with FERC;
- April 2017 (Anticipated) - File Amended Application with FERC;
- September 2017 (Anticipated) - Draft NEPA Document Published; and
- December 2017 (Anticipated) - FERC Decision on Application.

Construction is anticipated to commence in January 2018.

**On behalf of Spire, we'd like to take this opportunity to invite the USDA-NRCS - County Service Center for St. Charles and St. Louis Counties to provide comments regarding the Project as it will be amended. We appreciate your continued involvement and cooperation in the review of this important Project.**

If you have any questions or would like additional information, please feel free to contact me at 630.605.5255 or by e-mail at L.Ferry@gaiconsultants.com.

Sincerely,

**GAI Consultants, Inc.**



Lori M. Ferry  
Environmental Manager

LMF/ka

Attachment: United States Geological Survey (USGS) Topographic Map (Figure 1)





GAI Consultants, Inc.-Chicago Office  
2300 Cabot Drive, Suite 395  
Lisle, Illinois 60532

T 630.605.5255

March 28, 2017

Ms. Kimberly Martin  
Conservation and Environmental Programs  
USDA - Illinois State Farm Service Agency Office  
3500 Wabash Avenue  
Springfield, IL 62711

**Re: Supplemental Information (Docket No. CP17-40)  
Spire STL Pipeline LLC  
Spire STL Pipeline Project  
Scott, Greene, and Jersey Counties, Illinois  
and St. Charles and St. Louis Counties, Missouri**

Dear Ms. Martin:

In June 2016, Spire Pipeline LLC ("Spire") initiated consultation with your office regarding their intent to construct, own, and operate the proposed Spire STL Pipeline Project ("Project") which consisted of approximately 59 miles of new, greenfield 24-inch-diameter steel pipeline (referred to as the "24-inch pipeline") originating at an interconnection with the Rockies Express Pipeline LLC ("REX") pipeline in Scott County, Illinois; extending down through Greene and Jersey counties in Illinois before crossing the Mississippi River and extending east into St. Charles County, Missouri, crossing the Missouri River and tying into an existing pipeline in St. Louis County, Missouri that is currently owned and operated by Laclede Gas Company ("LGC") (referred to as "Line 880"). Line 880 consisted of approximately seven miles of existing 20-inch-diameter steel pipeline. As part of the proposed Project, Spire was planning on modifying Line 880 before placing it in to interstate service. The Project also included the construction of minor aboveground metering and regulating ("M&R") stations. On January 26, 2017, Spire filed an application with the Federal Energy Regulatory Commission ("FERC") for a Certificate of Public Convenience and Necessity for the Project (Docket No. CP17-40-000).

On March 15, 2017, Spire filed a "Preliminary Notification of Preferred Route Change" with FERC, indicating that the Spire no longer plans to modify the existing Line 880 as part of the Project. Instead, Spire intends to construct a new, greenfield 24-inch pipeline (referred to as the "North County Extension") which will extend the 24-inch pipeline portion of the Project to a proposed interconnect with Enable Mississippi River Transmission ("Enable MRT"). Spire plans to file an amended application with FERC in April 2017. GAI Consultants, Inc. ("GAI"), on behalf of Spire, is submitting supplemental information to assist with your review of the Project as amended. An updated description of the proposed Project facilities and location map (Figure 1) are provided herein.

**Amended Project Description**

The amended Project as proposed will consist of approximately 65 miles of new, greenfield, 24-inch-diameter steel pipeline in two segments. The first segment (referred to as the "24-inch pipeline" portion of the Project) will originate at a new interconnect with the REX pipeline in Scott County, Illinois and extend approximately 59 miles through Greene and Jersey Counties in Illinois before crossing the Mississippi River and extending east through St. Charles County, Missouri. The 24-inch pipeline then crosses the Missouri River into St. Louis County, Missouri, and terminates at a new interconnect with LGC. The second segment of new, greenfield pipeline, North County Extension, will consist of a 24-inch-diameter steel pipeline which will extend approximately six miles from the LGC



interconnect through the northern portion of St. Louis County and terminate at a new interconnect with Enable MRT and LGC. The total length of the Project pipeline will be approximately 65 miles. The overall design capacity of the Project pipeline is expected to be 400,000 dekatherms per day ("Dth/d"). No compression will be required. The Project also includes the construction of three new M&R stations that provide interconnects with (1) REX in Illinois, (2) LGC in Missouri, and (3) Enable MRT and LGC in Missouri.

The acquisition and modifications to LGC's existing Line 880 is no longer proposed as part of the Project.

Spire anticipates a typical 90-foot temporary construction right-of-way width, and a 50-foot permanent easement. The construction right-of-way is anticipated to be reduced to 75 feet at streams and wetlands. An additional 25 feet of temporary work space will be required through agricultural areas, and additional temporary work space will be required to facilitate construction in certain areas, such as crossings of roads, railroads, streams, and wetlands.

The updated Project schedule includes the following target dates:

- July 22, 2016 - National Environmental Policy Act ("NEPA") process began (initiation of FERC Pre-filing process);
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- January 26, 2017 - Application Filed with FERC;
- April 2017 (Anticipated) - File Amended Application with FERC;
- September 2017 (Anticipated) - Draft NEPA Document Published; and
- December 2017 (Anticipated) - FERC Decision on Application.

Construction is anticipated to commence in January 2018.

**On behalf of Spire, we'd like to take this opportunity to invite the USDA - Illinois State Farm Service Agency Office to provide comments regarding the Project as it will be amended. We appreciate your continued involvement and cooperation in the review of this important Project.**

If you have any questions or would like additional information, please feel free to contact me at 630.605.5255 or by e-mail at L.Ferry@gaiconsultants.com.

Sincerely,

**GAI Consultants, Inc.**



Lori M. Ferry  
Environmental Manager

LMF/ka

Attachment: United States Geological Survey (USGS) Topographic Map (Figure 1)





GAI Consultants, Inc.-Chicago Office  
2300 Cabot Drive, Suite 395  
Lisle, Illinois 60532

T 630.605.5255

March 28, 2017

Mr. J.R. Flores  
State Conservationist  
USDA-NRCS - Missouri State Office  
Parkade Center  
601 Business Loop 70 West, Suite 250  
Columbia, MO 65203-2546

**Re: Supplemental Information (Docket No. CP17-40)  
Spire STL Pipeline LLC  
Spire STL Pipeline Project  
Scott, Greene, and Jersey Counties, Illinois  
and St. Charles and St. Louis Counties, Missouri**

Dear Mr. Flores:

In June 2016, Spire Pipeline LLC ("Spire") initiated consultation with your office regarding their intent to construct, own, and operate the proposed Spire STL Pipeline Project ("Project") which consisted of approximately 59 miles of new, greenfield 24-inch-diameter steel pipeline (referred to as the "24-inch pipeline") originating at an interconnection with the Rockies Express Pipeline LLC ("REX") pipeline in Scott County, Illinois; extending down through Greene and Jersey counties in Illinois before crossing the Mississippi River and extending east into St. Charles County, Missouri, crossing the Missouri River and tying into an existing pipeline in St. Louis County, Missouri that is currently owned and operated by Laclede Gas Company ("LGC") (referred to as "Line 880"). Line 880 consisted of approximately seven miles of existing 20-inch-diameter steel pipeline. As part of the proposed Project, Spire was planning on modifying Line 880 before placing it in to interstate service. The Project also included the construction of minor aboveground metering and regulating ("M&R") stations. On January 26, 2017, Spire filed an application with the Federal Energy Regulatory Commission ("FERC") for a Certificate of Public Convenience and Necessity for the Project (Docket No. CP17-40-000).

On March 15, 2017, Spire filed a "Preliminary Notification of Preferred Route Change" with FERC, indicating that the Spire no longer plans to modify the existing Line 880 as part of the Project. Instead, Spire intends to construct a new, greenfield 24-inch pipeline (referred to as the "North County Extension") which will extend the 24-inch pipeline portion of the Project to a proposed interconnect with Enable Mississippi River Transmission ("Enable MRT"). Spire plans to file an amended application with FERC in April 2017. GAI Consultants, Inc. ("GAI"), on behalf of Spire, is submitting supplemental information to assist with your review of the Project as amended. An updated description of the proposed Project facilities and location map (Figure 1) are provided herein.

#### **Amended Project Description**

The amended Project as proposed will consist of approximately 65 miles of new, greenfield, 24-inch-diameter steel pipeline in two segments. The first segment (referred to as the "24-inch pipeline" portion of the Project) will originate at a new interconnect with the REX pipeline in Scott County, Illinois and extend approximately 59 miles through Greene and Jersey Counties in Illinois before crossing the Mississippi River and extending east through St. Charles County, Missouri. The 24-inch pipeline then crosses the Missouri River into St. Louis County, Missouri, and terminates at a new interconnect with LGC. The second segment of new, greenfield pipeline, North County Extension,



will consist of a 24-inch-diameter steel pipeline which will extend approximately six miles from the LGC interconnect through the northern portion of St. Louis County and terminate at a new interconnect with Enable MRT and LGC. The total length of the Project pipeline will be approximately 65 miles. The overall design capacity of the Project pipeline is expected to be 400,000 dekatherms per day ("Dth/d"). No compression will be required. The Project also includes the construction of three new M&R stations that provide interconnects with (1) REX in Illinois, (2) LGC in Missouri, and (3) Enable MRT and LGC in Missouri.

The acquisition and modifications to LGC's existing Line 880 is no longer proposed as part of the Project.

Spire anticipates a typical 90-foot temporary construction right-of-way width, and a 50-foot permanent easement. The construction right-of-way is anticipated to be reduced to 75 feet at streams and wetlands. An additional 25 feet of temporary work space will be required through agricultural areas, and additional temporary work space will be required to facilitate construction in certain areas, such as crossings of roads, railroads, streams, and wetlands.

The updated Project schedule includes the following target dates:

- July 22, 2016 - National Environmental Policy Act ("NEPA") process began (initiation of FERC Pre-filing process);
- August 2016 through March 2017 (Anticipated) - Biological and Cultural Resource Surveys;
- January 26, 2017 - Application Filed with FERC;
- April 2017 (Anticipated) - File Amended Application with FERC;
- September 2017 (Anticipated) - Draft NEPA Document Published; and
- December 2017 (Anticipated) - FERC Decision on Application.

Construction is anticipated to commence in January 2018.

**On behalf of Spire, we'd like to take this opportunity to invite the USDA-NRCS - Missouri State Office to provide comments regarding the Project as it will be amended. We appreciate your continued involvement and cooperation in the review of this important Project.**

If you have any questions or would like additional information, please feel free to contact me at 630.605.5255 or by e-mail at L.Ferry@gaiconsultants.com.

Sincerely,

**GAI Consultants, Inc.**



Lori M. Ferry  
Environmental Manager

LMF/ka

Attachment: United States Geological Survey (USGS) Topographic Map (Figure 1)





GAI Consultants, Inc.-Chicago Office  
2300 Cabot Drive, Suite 395  
Lisle, Illinois 60532

T 630.605.5255

March 28, 2017

Ms. Johanna Fuller  
District Conservationist  
USDA-NRCS - Scott County/Winchester Field Office  
656 North Main  
Winchester, IL 62694

**Re: Supplemental Information (Docket No. CP17-40)  
Spire STL Pipeline LLC  
Spire STL Pipeline Project  
Scott, Greene, and Jersey Counties, Illinois  
and St. Charles and St. Louis Counties, Missouri**

Dear Ms. Fuller:

In June 2016, Spire Pipeline LLC ("Spire") initiated consultation with your office regarding their intent to construct, own, and operate the proposed Spire STL Pipeline Project ("Project") which consisted of approximately 59 miles of new, greenfield 24-inch-diameter steel pipeline (referred to as the "24-inch pipeline") originating at an interconnection with the Rockies Express Pipeline LLC ("REX") pipeline in Scott County, Illinois; extending down through Greene and Jersey counties in Illinois before crossing the Mississippi River and extending east into St. Charles County, Missouri, crossing the Missouri River and tying into an existing pipeline in St. Louis County, Missouri that is currently owned and operated by Laclede Gas Company ("LGC") (referred to as "Line 880"). Line 880 consisted of approximately seven miles of existing 20-inch-diameter steel pipeline. As part of the proposed Project, Spire was planning on modifying Line 880 before placing it in to interstate service. The Project also included the construction of minor aboveground metering and regulating ("M&R") stations. On January 26, 2017, Spire filed an application with the Federal Energy Regulatory Commission ("FERC") for a Certificate of Public Convenience and Necessity for the Project (Docket No. CP17-40-000).

On March 15, 2017, Spire filed a "Preliminary Notification of Preferred Route Change" with FERC, indicating that the Spire no longer plans to modify the existing Line 880 as part of the Project. Instead, Spire intends to construct a new, greenfield 24-inch pipeline (referred to as the "North County Extension") which will extend the 24-inch pipeline portion of the Project to a proposed interconnect with Enable Mississippi River Transmission ("Enable MRT"). Spire plans to file an amended application with FERC in April 2017. GAI Consultants, Inc. ("GAI"), on behalf of Spire, is submitting supplemental information to assist with your review of the Project as amended. An updated description of the proposed Project facilities and location map (Figure 1) are provided herein.

**Amended Project Description**

The amended Project as proposed will consist of approximately 65 miles of new, greenfield, 24-inch-diameter steel pipeline in two segments. The first segment (referred to as the "24-inch pipeline" portion of the Project) will originate at a new interconnect with the REX pipeline in Scott County, Illinois and extend approximately 59 miles through Greene and Jersey Counties in Illinois before crossing the Mississippi River and extending east through St. Charles County, Missouri. The 24-inch pipeline then crosses the Missouri River into St. Louis County, Missouri, and terminates at a new interconnect with LGC. The second segment of new, greenfield pipeline, North County Extension, will consist of a 24-inch-diameter steel pipeline which will extend approximately six miles from the LGC



interconnect through the northern portion of St. Louis County and terminate at a new interconnect with Enable MRT and LGC. The total length of the Project pipeline will be approximately 65 miles. The overall design capacity of the Project pipeline is expected to be 400,000 dekatherms per day ("Dth/d"). No compression will be required. The Project also includes the construction of three new M&R stations that provide interconnects with (1) REX in Illinois, (2) LGC in Missouri, and (3) Enable MRT and LGC in Missouri.

The acquisition and modifications to LGC's existing Line 880 is no longer proposed as part of the Project.

Spire anticipates a typical 90-foot temporary construction right-of-way width, and a 50-foot permanent easement. The construction right-of-way is anticipated to be reduced to 75 feet at streams and wetlands. An additional 25 feet of temporary work space will be required through agricultural areas, and additional temporary work space will be required to facilitate construction in certain areas, such as crossings of roads, railroads, streams, and wetlands.

The updated Project schedule includes the following target dates:

- July 22, 2016 - National Environmental Policy Act ("NEPA") process began (initiation of FERC Pre-filing process);
- August 2016 through March 2017 (Anticipated) - Biological and Cultural Resource Surveys;
- January 26, 2017 - Application Filed with FERC;
- April 2017 (Anticipated) - File Amended Application with FERC;
- September 2017 (Anticipated) - Draft NEPA Document Published; and
- December 2017 (Anticipated) - FERC Decision on Application.

Construction is anticipated to commence in January 2018.

**On behalf of Spire, we'd like to take this opportunity to invite the USDA-NRCS - Scott County/Winchester Field Office to provide comments regarding the Project as it will be amended. We appreciate your continued involvement and cooperation in the review of this important Project.**

If you have any questions or would like additional information, please feel free to contact me at 630.605.5255 or by e-mail at L.Ferry@gaiconsultants.com.

Sincerely,

**GAI Consultants, Inc.**



Lori M. Ferry  
Environmental Manager

LMF/ka

Attachment: United States Geological Survey (USGS) Topographic Map (Figure 1)





GAI Consultants, Inc.-Chicago Office  
2300 Cabot Drive, Suite 395  
Lisle, Illinois 60532

T 630.605.5255

March 28, 2017

Ms. Jamie Diebal  
Conservation and Environmental Programs  
USDA-Illinois State Farm Service Agency Office  
3500 Wabash Avenue  
Springfield, IL 62711

**Re: Supplemental Information (Docket No. CP17-40)  
Spire STL Pipeline LLC  
Spire STL Pipeline Project  
Scott, Greene, and Jersey Counties, Illinois  
and St. Charles and St. Louis Counties, Missouri**

Dear Ms. Diebal:

In June 2016, Spire Pipeline LLC ("Spire") initiated consultation with your office regarding their intent to construct, own, and operate the proposed Spire STL Pipeline Project ("Project") which consisted of approximately 59 miles of new, greenfield 24-inch-diameter steel pipeline (referred to as the "24-inch pipeline") originating at an interconnection with the Rockies Express Pipeline LLC ("REX") pipeline in Scott County, Illinois; extending down through Greene and Jersey counties in Illinois before crossing the Mississippi River and extending east into St. Charles County, Missouri, crossing the Missouri River and tying into an existing pipeline in St. Louis County, Missouri that is currently owned and operated by Laclede Gas Company ("LGC") (referred to as "Line 880"). Line 880 consisted of approximately seven miles of existing 20-inch-diameter steel pipeline. As part of the proposed Project, Spire was planning on modifying Line 880 before placing it in interstate service. The Project also included the construction of minor aboveground metering and regulating ("M&R") stations. On January 26, 2017, Spire filed an application with the Federal Energy Regulatory Commission ("FERC") for a Certificate of Public Convenience and Necessity for the Project (Docket No. CP17-40-000).

On March 15, 2017, Spire filed a "Preliminary Notification of Preferred Route Change" with FERC, indicating that the Spire no longer plans to modify the existing Line 880 as part of the Project. Instead, Spire intends to construct a new, greenfield 24-inch pipeline (referred to as the "North County Extension") which will extend the 24-inch pipeline portion of the Project to a proposed interconnect with Enable Mississippi River Transmission ("Enable MRT"). Spire plans to file an amended application with FERC in April 2017. GAI Consultants, Inc. ("GAI"), on behalf of Spire, is submitting supplemental information to assist with your review of the Project as amended. An updated description of the proposed Project facilities and location map (Figure 1) are provided herein.

**Amended Project Description**

The amended Project as proposed will consist of approximately 65 miles of new, greenfield, 24-inch-diameter steel pipeline in two segments. The first segment (referred to as the "24-inch pipeline" portion of the Project) will originate at a new interconnect with the REX pipeline in Scott County, Illinois and extend approximately 59 miles through Greene and Jersey Counties in Illinois before crossing the Mississippi River and extending east through St. Charles County, Missouri. The 24-inch pipeline then crosses the Missouri River into St. Louis County, Missouri, and terminates at a new interconnect with LGC. The second segment of new, greenfield pipeline, North County Extension, will consist of a 24-inch-diameter steel pipeline which will extend approximately six miles from the LGC



interconnect through the northern portion of St. Louis County and terminate at a new interconnect with Enable MRT and LGC. The total length of the Project pipeline will be approximately 65 miles. The overall design capacity of the Project pipeline is expected to be 400,000 dekatherms per day ("Dth/d"). No compression will be required. The Project also includes the construction of three new M&R stations that provide interconnects with (1) REX in Illinois, (2) LGC in Missouri, and (3) Enable MRT and LGC in Missouri.

The acquisition and modifications to LGC's existing Line 880 is no longer proposed as part of the Project.

Spire anticipates a typical 90-foot temporary construction right-of-way width, and a 50-foot permanent easement. The construction right-of-way is anticipated to be reduced to 75 feet at streams and wetlands. An additional 25 feet of temporary work space will be required through agricultural areas, and additional temporary work space will be required to facilitate construction in certain areas, such as crossings of roads, railroads, streams, and wetlands.

The updated Project schedule includes the following target dates:

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- September 2017 (Anticipated) - Draft NEPA Document Published; and
- December 2017 (Anticipated) - FERC Decision on Application.

Construction is anticipated to commence in January 2018.

**On behalf of Spire, we'd like to take this opportunity to invite the USDA-Illinois State Farm Service Agency Office to provide comments regarding the Project as it will be amended. We appreciate your continued involvement and cooperation in the review of this important Project.**

If you have any questions or would like additional information, please feel free to contact me at 630.605.5255 or by e-mail at L.Ferry@gaiconsultants.com.

Sincerely,

**GAI Consultants, Inc.**



Lori M. Ferry  
Environmental Manager

LMF/ka

Attachment: United States Geological Survey (USGS) Topographic Map (Figure 1)





GAI Consultants, Inc.-Chicago Office  
2300 Cabot Drive, Suite 395  
Lisle, Illinois 60532

T 630.605.5255

March 28, 2017

Mr. Brad Behymer  
District Conservationist  
USDA-NRCS - Greene County/Carrollton Field Office  
R.R. 3, Box 129  
Route 267 North  
Carrollton, IL 62016

**Re: Supplemental Information (Docket No. CP17-40)  
Spire STL Pipeline LLC  
Spire STL Pipeline Project  
Scott, Greene, and Jersey Counties, Illinois  
and St. Charles and St. Louis Counties, Missouri**

Dear Mr. Behymer:

In June 2016, Spire Pipeline LLC ("Spire") initiated consultation with your office regarding their intent to construct, own, and operate the proposed Spire STL Pipeline Project ("Project") which consisted of approximately 59 miles of new, greenfield 24-inch-diameter steel pipeline (referred to as the "24-inch pipeline") originating at an interconnection with the Rockies Express Pipeline LLC ("REX") pipeline in Scott County, Illinois; extending down through Greene and Jersey counties in Illinois before crossing the Mississippi River and extending east into St. Charles County, Missouri, crossing the Missouri River and tying into an existing pipeline in St. Louis County, Missouri that is currently owned and operated by Laclede Gas Company ("LGC") (referred to as "Line 880"). Line 880 consisted of approximately seven miles of existing 20-inch-diameter steel pipeline. As part of the proposed Project, Spire was planning on modifying Line 880 before placing it in interstate service. The Project also included the construction of minor aboveground metering and regulating ("M&R") stations. On January 26, 2017, Spire filed an application with the Federal Energy Regulatory Commission ("FERC") for a Certificate of Public Convenience and Necessity for the Project (Docket No. CP17-40-000).

On March 15, 2017, Spire filed a "Preliminary Notification of Preferred Route Change" with FERC, indicating that the Spire no longer plans to modify the existing Line 880 as part of the Project. Instead, Spire intends to construct a new, greenfield 24-inch pipeline (referred to as the "North County Extension") which will extend the 24-inch pipeline portion of the Project to a proposed interconnect with Enable Mississippi River Transmission ("Enable MRT"). Spire plans to file an amended application with FERC in April 2017. GAI Consultants, Inc. ("GAI"), on behalf of Spire, is submitting supplemental information to assist with your review of the Project as amended. An updated description of the proposed Project facilities and location map (Figure 1) are provided herein.

**Amended Project Description**

The amended Project as proposed will consist of approximately 65 miles of new, greenfield, 24-inch-diameter steel pipeline in two segments. The first segment (referred to as the "24-inch pipeline" portion of the Project) will originate at a new interconnect with the REX pipeline in Scott County, Illinois and extend approximately 59 miles through Greene and Jersey Counties in Illinois before crossing the Mississippi River and extending east through St. Charles County, Missouri. The 24-inch pipeline then crosses the Missouri River into St. Louis County, Missouri, and terminates at a new interconnect with LGC. The second segment of new, greenfield pipeline, North County Extension,



will consist of a 24-inch-diameter steel pipeline which will extend approximately six miles from the LGC interconnect through the northern portion of St. Louis County and terminate at a new interconnect with Enable MRT and LGC. The total length of the Project pipeline will be approximately 65 miles. The overall design capacity of the Project pipeline is expected to be 400,000 dekatherms per day ("Dth/d"). No compression will be required. The Project also includes the construction of three new M&R stations that provide interconnects with (1) REX in Illinois, (2) LGC in Missouri, and (3) Enable MRT and LGC in Missouri.

The acquisition and modifications to LGC's existing Line 880 is no longer proposed as part of the Project.

Spire anticipates a typical 90-foot temporary construction right-of-way width, and a 50-foot permanent easement. The construction right-of-way is anticipated to be reduced to 75 feet at streams and wetlands. An additional 25 feet of temporary work space will be required through agricultural areas, and additional temporary work space will be required to facilitate construction in certain areas, such as crossings of roads, railroads, streams, and wetlands.

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- April 2017 (Anticipated) - File Amended Application with FERC;
- September 2017 (Anticipated) - Draft NEPA Document Published; and
- December 2017 (Anticipated) - FERC Decision on Application.

Construction is anticipated to commence in January 2018.

**On behalf of Spire, we'd like to take this opportunity to invite the USDA-NRCS - Greene County/Carrollton Field Office to provide comments regarding the Project as it will be amended. We appreciate your continued involvement and cooperation in the review of this important Project.**

If you have any questions or would like additional information, please feel free to contact me at 630.605.5255 or by e-mail at L.Ferry@gaiconsultants.com.

Sincerely,

**GAI Consultants, Inc.**



Lori M. Ferry  
Environmental Manager

LMF/ka

Attachment: United States Geological Survey (USGS) Topographic Map (Figure 1)



GAI Consultants, Inc.-Chicago Office  
2300 Cabot Drive, Suite 395  
Lisle, Illinois 60532

T 630.605.5255

March 28, 2017

Mr. Ivan Dozier  
State Conservationist  
USDA-NRCS - Illinois State Office  
2118 W. Park Court  
Champaign, IL 61821

**Re: Supplemental Information (Docket No. CP17-40)  
Spire STL Pipeline LLC  
Spire STL Pipeline Project  
Scott, Greene, and Jersey Counties, Illinois  
and St. Charles and St. Louis Counties, Missouri**

Dear Mr. Dozier:

In June 2016, Spire Pipeline LLC ("Spire") initiated consultation with your office regarding their intent to construct, own, and operate the proposed Spire STL Pipeline Project ("Project") which consisted of approximately 59 miles of new, greenfield 24-inch-diameter steel pipeline (referred to as the "24-inch pipeline") originating at an interconnection with the Rockies Express Pipeline LLC ("REX") pipeline in Scott County, Illinois; extending down through Greene and Jersey counties in Illinois before crossing the Mississippi River and extending east into St. Charles County, Missouri, crossing the Missouri River and tying into an existing pipeline in St. Louis County, Missouri that is currently owned and operated by Laclede Gas Company ("LGC") (referred to as "Line 880"). Line 880 consisted of approximately seven miles of existing 20-inch-diameter steel pipeline. As part of the proposed Project, Spire was planning on modifying Line 880 before placing it in interstate service. The Project also included the construction of minor aboveground metering and regulating ("M&R") stations. On January 26, 2017, Spire filed an application with the Federal Energy Regulatory Commission ("FERC") for a Certificate of Public Convenience and Necessity for the Project (Docket No. CP17-40-000).

On March 15, 2017, Spire filed a "Preliminary Notification of Preferred Route Change" with FERC, indicating that the Spire no longer plans to modify the existing Line 880 as part of the Project. Instead, Spire intends to construct a new, greenfield 24-inch pipeline (referred to as the "North County Extension") which will extend the 24-inch pipeline portion of the Project to a proposed interconnect with Enable Mississippi River Transmission ("Enable MRT"). Spire plans to file an amended application with FERC in April 2017. GAI Consultants, Inc. ("GAI"), on behalf of Spire, is submitting supplemental information to assist with your review of the Project as amended. An updated description of the proposed Project facilities and location map (Figure 1) are provided herein.

**Amended Project Description**

The amended Project as proposed will consist of approximately 65 miles of new, greenfield, 24-inch-diameter steel pipeline in two segments. The first segment (referred to as the "24-inch pipeline" portion of the Project) will originate at a new interconnect with the REX pipeline in Scott County, Illinois and extend approximately 59 miles through Greene and Jersey Counties in Illinois before crossing the Mississippi River and extending east through St. Charles County, Missouri. The 24-inch pipeline then crosses the Missouri River into St. Louis County, Missouri, and terminates at a new interconnect with LGC. The second segment of new, greenfield pipeline, North County Extension, will consist of a 24-inch-diameter steel pipeline which will extend approximately six miles from the LGC



interconnect through the northern portion of St. Louis County and terminate at a new interconnect with Enable MRT and LGC. The total length of the Project pipeline will be approximately 65 miles. The overall design capacity of the Project pipeline is expected to be 400,000 dekatherms per day ("Dth/d"). No compression will be required. The Project also includes the construction of three new M&R stations that provide interconnects with (1) REX in Illinois, (2) LGC in Missouri, and (3) Enable MRT and LGC in Missouri.

The acquisition and modifications to LGC's existing Line 880 is no longer proposed as part of the Project.

Spire anticipates a typical 90-foot temporary construction right-of-way width, and a 50-foot permanent easement. The construction right-of-way is anticipated to be reduced to 75 feet at streams and wetlands. An additional 25 feet of temporary work space will be required through agricultural areas, and additional temporary work space will be required to facilitate construction in certain areas, such as crossings of roads, railroads, streams, and wetlands.

The updated Project schedule includes the following target dates:

- July 22, 2016 - National Environmental Policy Act ("NEPA") process began (initiation of FERC Pre-filing process);
- August 2016 through March 2017 (Anticipated) - Biological and Cultural Resource Surveys;
- January 26, 2017 - Application Filed with FERC;
- April 2017 (Anticipated) - File Amended Application with FERC;
- September 2017 (Anticipated) - Draft NEPA Document Published; and
- December 2017 (Anticipated) - FERC Decision on Application.

Construction is anticipated to commence in January 2018.

**On behalf of Spire, we'd like to take this opportunity to invite the USDA-NRCS - Illinois State Office to provide comments regarding the Project as it will be amended. We appreciate your continued involvement and cooperation in the review of this important Project.**

If you have any questions or would like additional information, please feel free to contact me at 630.605.5255 or by e-mail at L.Ferry@gaiconsultants.com.

Sincerely,

**GAI Consultants, Inc.**



Lori M. Ferry  
Environmental Manager

LMF/ka

Attachment: United States Geological Survey (USGS) Topographic Map (Figure 1)



GAI Consultants, Inc.-Chicago Office  
2300 Cabot Drive, Suite 395  
Lisle, Illinois 60532

T 630.605.5255

March 28, 2017

Mr. Eric Niemeyer  
County Executive Director  
USDA - Farm Service Agency - St Charles County/St. Louis County  
160 Saint Peters Centre Blvd  
St. Peters, MO 63376

**Re: Supplemental Information (Docket No. CP17-40)  
Spire STL Pipeline LLC  
Spire STL Pipeline Project  
Scott, Greene, and Jersey Counties, Illinois  
and St. Charles and St. Louis Counties, Missouri**

Dear Mr. Niemeyer:

In June 2016, Spire Pipeline LLC ("Spire") initiated consultation with your office regarding their intent to construct, own, and operate the proposed Spire STL Pipeline Project ("Project") which consisted of approximately 59 miles of new, greenfield 24-inch-diameter steel pipeline (referred to as the "24-inch pipeline") originating at an interconnection with the Rockies Express Pipeline LLC ("REX") pipeline in Scott County, Illinois; extending down through Greene and Jersey counties in Illinois before crossing the Mississippi River and extending east into St. Charles County, Missouri, crossing the Missouri River and tying into an existing pipeline in St. Louis County, Missouri that is currently owned and operated by Laclede Gas Company ("LGC") (referred to as "Line 880"). Line 880 consisted of approximately seven miles of existing 20-inch-diameter steel pipeline. As part of the proposed Project, Spire was planning on modifying Line 880 before placing it in interstate service. The Project also included the construction of minor aboveground metering and regulating ("M&R") stations. On January 26, 2017, Spire filed an application with the Federal Energy Regulatory Commission ("FERC") for a Certificate of Public Convenience and Necessity for the Project (Docket No. CP17-40-000).

On March 15, 2017, Spire filed a "Preliminary Notification of Preferred Route Change" with FERC, indicating that the Spire no longer plans to modify the existing Line 880 as part of the Project. Instead, Spire intends to construct a new, greenfield 24-inch pipeline (referred to as the "North County Extension") which will extend the 24-inch pipeline portion of the Project to a proposed interconnect with Enable Mississippi River Transmission ("Enable MRT"). Spire plans to file an amended application with FERC in April 2017. GAI Consultants, Inc. ("GAI"), on behalf of Spire, is submitting supplemental information to assist with your review of the Project as amended. An updated description of the proposed Project facilities and location map (Figure 1) are provided herein.

**Amended Project Description**

The amended Project as proposed will consist of approximately 65 miles of new, greenfield, 24-inch-diameter steel pipeline in two segments. The first segment (referred to as the "24-inch pipeline" portion of the Project) will originate at a new interconnect with the REX pipeline in Scott County, Illinois and extend approximately 59 miles through Greene and Jersey Counties in Illinois before crossing the Mississippi River and extending east through St. Charles County, Missouri. The 24-inch pipeline then crosses the Missouri River into St. Louis County, Missouri, and terminates at a new interconnect with LGC. The second segment of new, greenfield pipeline, North County Extension, will consist of a 24-inch-diameter steel pipeline which will extend approximately six miles from the LGC



interconnect through the northern portion of St. Louis County and terminate at a new interconnect with Enable MRT and LGC. The total length of the Project pipeline will be approximately 65 miles. The overall design capacity of the Project pipeline is expected to be 400,000 dekatherms per day ("Dth/d"). No compression will be required. The Project also includes the construction of three new M&R stations that provide interconnects with (1) REX in Illinois, (2) LGC in Missouri, and (3) Enable MRT and LGC in Missouri.

The acquisition and modifications to LGC's existing Line 880 is no longer proposed as part of the Project.

Spire anticipates a typical 90-foot temporary construction right-of-way width, and a 50-foot permanent easement. The construction right-of-way is anticipated to be reduced to 75 feet at streams and wetlands. An additional 25 feet of temporary work space will be required through agricultural areas, and additional temporary work space will be required to facilitate construction in certain areas, such as crossings of roads, railroads, streams, and wetlands.

The updated Project schedule includes the following target dates:

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- December 2017 (Anticipated) - FERC Decision on Application.

Construction is anticipated to commence in January 2018.

**On behalf of Spire, we'd like to take this opportunity to invite the USDA - Farm Service Agency - St Charles County/St. Louis County to provide comments regarding the Project as it will be amended. We appreciate your continued involvement and cooperation in the review of this important Project.**

If you have any questions or would like additional information, please feel free to contact me at 630.605.5255 or by e-mail at L.Ferry@gaiconsultants.com.

Sincerely,

**GAI Consultants, Inc.**



Lori M. Ferry  
Environmental Manager

LMF/ka

Attachment: United States Geological Survey (USGS) Topographic Map (Figure 1)

## Ali Trunzo

---

**From:** Ali Trunzo  
**Sent:** Friday, March 24, 2017 11:32 AM  
**To:** Ali Trunzo  
**Subject:** FW: Spire STL Pipeline - CRP easements  
**Attachments:** 300\_Ft\_Corridor\_in\_Illinois.prj; 300\_Ft\_Corridor\_in\_Illinois.sbn; 300\_Ft\_Corridor\_in\_Illinois.sbx; 300\_Ft\_Corridor\_in\_Illinois.shp; 300\_Ft\_Corridor\_in\_Illinois.shp.xml; 300\_Ft\_Corridor\_in\_Illinois.shx; 300\_Ft\_Corridor\_in\_Illinois.cpg; 300\_Ft\_Corridor\_in\_Illinois.dbf

---

**From:** Ali Trunzo  
**Sent:** Friday, March 24, 2017 11:09 AM  
**To:** 'Jamie.Diebal@il.usda.gov' <Jamie.Diebal@il.usda.gov>  
**Cc:** Lori Ferry <L.Ferry@gaiconsultants.com>  
**Subject:** Spire STL Pipeline - CRP easements

Jamie,

GAI, on behalf of Spire STL Pipeline LLC (Spire), previously coordinated with your office regarding lands in CRP easements that may be crossed by or in close proximity to the proposed Spire STL Pipeline Project, located in Scott, Greene and Jersey Counties, Illinois. There have been some minor route deviations proposed that are outside of the original 300-foot wide corridor that was reviewed.

Attached is a shapefile of a 300-foot wide review corridor of the proposed route (note that the construction right-of-way will typically be 90-feet wide, with 25-feet of additional temporary workspace in agricultural lands for topsoil segregation).

If there are additional producers to be notified, please include Spire contact Lori Komatar (Email: [lkomatar@mdmcorp.com](mailto:lkomatar@mdmcorp.com); Phone: 801-608-8460). To date, Spire has been notified of CRP status by five landowners.

We would appreciate your review if additional CRP easements are located within this corridor.

Thank you,

Ali

-----  
**Alessandra M. Trunzo**  
Project Environmental Specialist

385 E. Waterfront Drive, Homestead, PA 15120-5005  
**Direct** 412.399.5096 **Office** 412.476.2000 **Email** [a.trunzo@gaiconsultants.com](mailto:a.trunzo@gaiconsultants.com)

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## Ali Trunzo

---

**From:** Ali Trunzo  
**Sent:** Friday, March 24, 2017 11:31 AM  
**To:** Ali Trunzo  
**Subject:** FW: Spire STL Pipeline - CRP easements  
**Attachments:** MO\_Aerial\_Map\_2017\_03\_23\_reduced.pdf

---

**From:** Ali Trunzo  
**Sent:** Friday, March 24, 2017 11:30 AM  
**To:** 'eric.niemeyer@mo.usda.gov' <eric.niemeyer@mo.usda.gov>  
**Cc:** Lori Ferry <L.Ferry@gaiconsultants.com>  
**Subject:** Spire STL Pipeline - CRP easements

Eric,

Thank you for speaking with me today regarding the proposed Spire STL Pipeline Project. GAI, on behalf of Spire STL Pipeline LLC (Spire), previously coordinated with your office regarding lands in CRP easements that may be crossed by or in close proximity to the proposed Spire STL Pipeline Project, located in St. Charles and St. Louis Counties, Missouri. Spire no longer plans to modify the existing Line 880 as part of the Project. Instead, Spire intends to construct a new, greenfield 24-inch pipeline (referred to as the "North County Extension").

Attached is a map of a 300-foot wide review corridor of the proposed route (note that the construction right-of-way will typically be 90-foot wide, with 25-feet of additional temporary workspace in agricultural lands for topsoil segregation).

We would appreciate your review if CRP easements are located within this corridor. If there are producers to be notified, please include Spire contact Lori Komatar (Email: [lkomatar@mdmcorp.com](mailto:lkomatar@mdmcorp.com); Phone: 801-608-8460) as the contact person in your notifications.

Thank you,

Ali

-----  
**Alessandra M. Trunzo**  
Project Environmental Specialist

385 E. Waterfront Drive, Homestead, PA 15120-5005

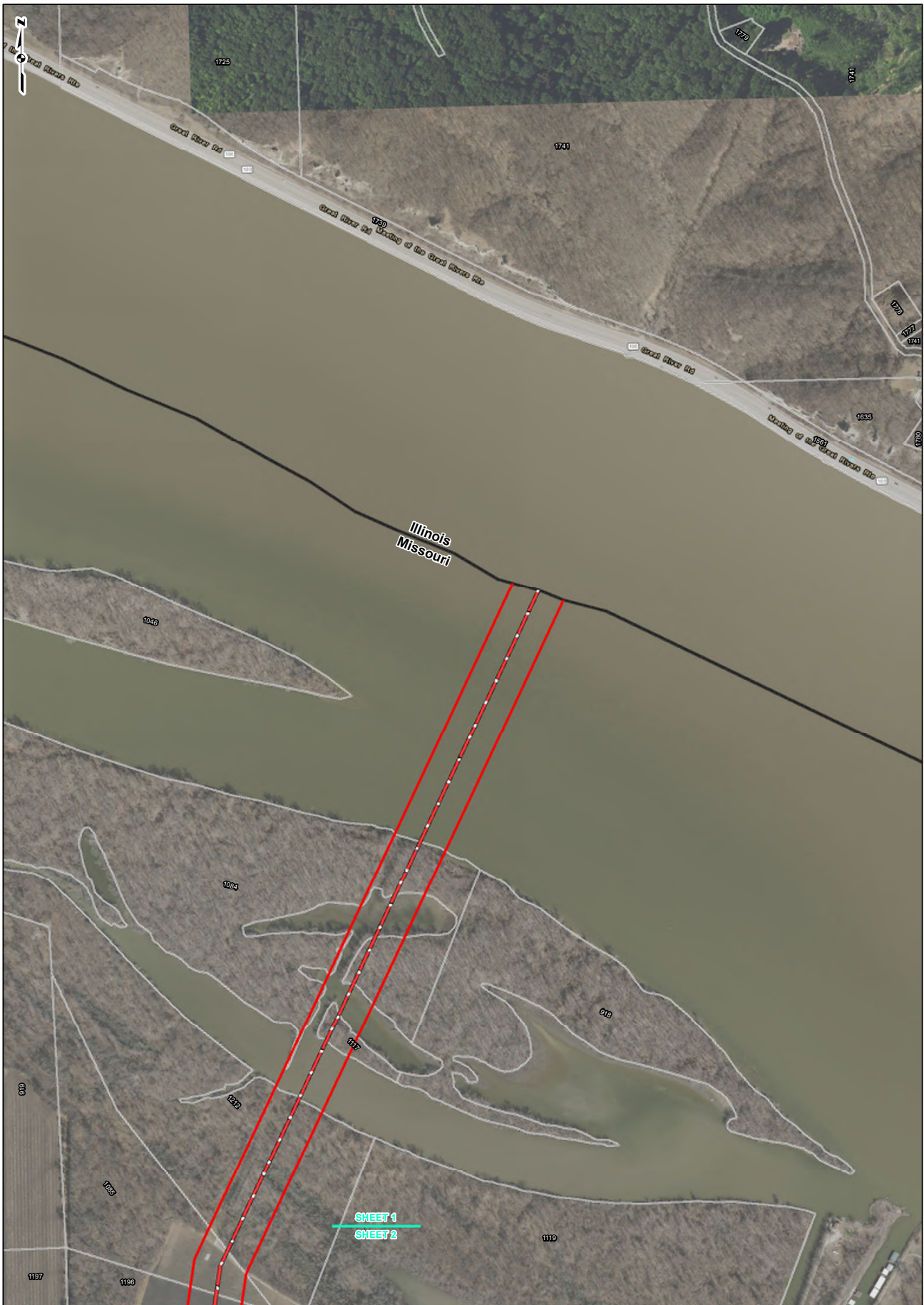
**Direct** 412.399.5096 **Office** 412.476.2000 **Email** [a.trunzo@gaiconsultants.com](mailto:a.trunzo@gaiconsultants.com)

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REFERENCE:  
 ESRI WORLD IMAGERY AND  
 TRANSPORTATION, ST. LOUIS ORTHOS,  
 2015, ACCESSED 03/2017.

**DRAFT**

**LEGEND**

- 24-INCH PIPELINE
- NORTH COUNTY EXTENSION
- CRP REVIEW AREA
- PARCEL BOUNDARY
- COUNTY BOUNDARY
- STATE BOUNDARY

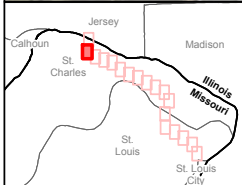
0 250 500 1,000 Feet

**PROJECT LOCATION MAP**  
 SHEET 1 OF 18

**SPIRE STL PIPELINE PROJECT**

DRAWN BY: PMH DATE: 3/24/2017  
 CHECKED: EFJ APPROVED:





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 2015, ACCESSED 03/2017.

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**LEGEND**

- 24-INCH PIPELINE
- NORTH COUNTY EXTENSION
- CRP REVIEW AREA
- PARCEL BOUNDARY
- COUNTY BOUNDARY
- STATE BOUNDARY

0 250 500 1,000 Feet

**PROJECT LOCATION MAP**  
**SHEET 2 OF 18**

**SPIRE STL PIPELINE PROJECT**

DRAWN BY: PMH DATE: 3/24/2017  
 CHECKED: EFJ APPROVED:





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**LEGEND**

- 24-INCH PIPELINE
- NORTH COUNTY EXTENSION
- CRP REVIEW AREA
- PARCEL BOUNDARY
- COUNTY BOUNDARY
- STATE BOUNDARY

0 250 500 1,000 Feet

**PROJECT LOCATION MAP**  
**SHEET 3 OF 18**

**SPiRE STL PIPELINE PROJECT**

DRAWN BY: PMH DATE: 3/24/2017  
 CHECKED: EFJ APPROVED:





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 2015, ACCESSED 03/2017.

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**LEGEND**

- 24-INCH PIPELINE
- NORTH COUNTY EXTENSION
- CRP REVIEW AREA
- PARCEL BOUNDARY
- COUNTY BOUNDARY
- STATE BOUNDARY

0 250 500 1,000 Feet

**PROJECT LOCATION MAP**  
**SHEET 4 OF 18**

**SPiRE STL PIPELINE PROJECT**

DRAWN BY: PMH DATE: 3/24/2017  
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**LEGEND**

- 24-INCH PIPELINE
- NORTH COUNTY EXTENSION
- CRP REVIEW AREA
- PARCEL BOUNDARY
- COUNTY BOUNDARY
- STATE BOUNDARY

0 250 500 1,000 Feet

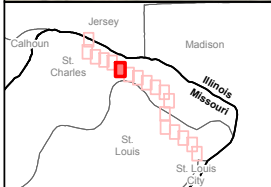
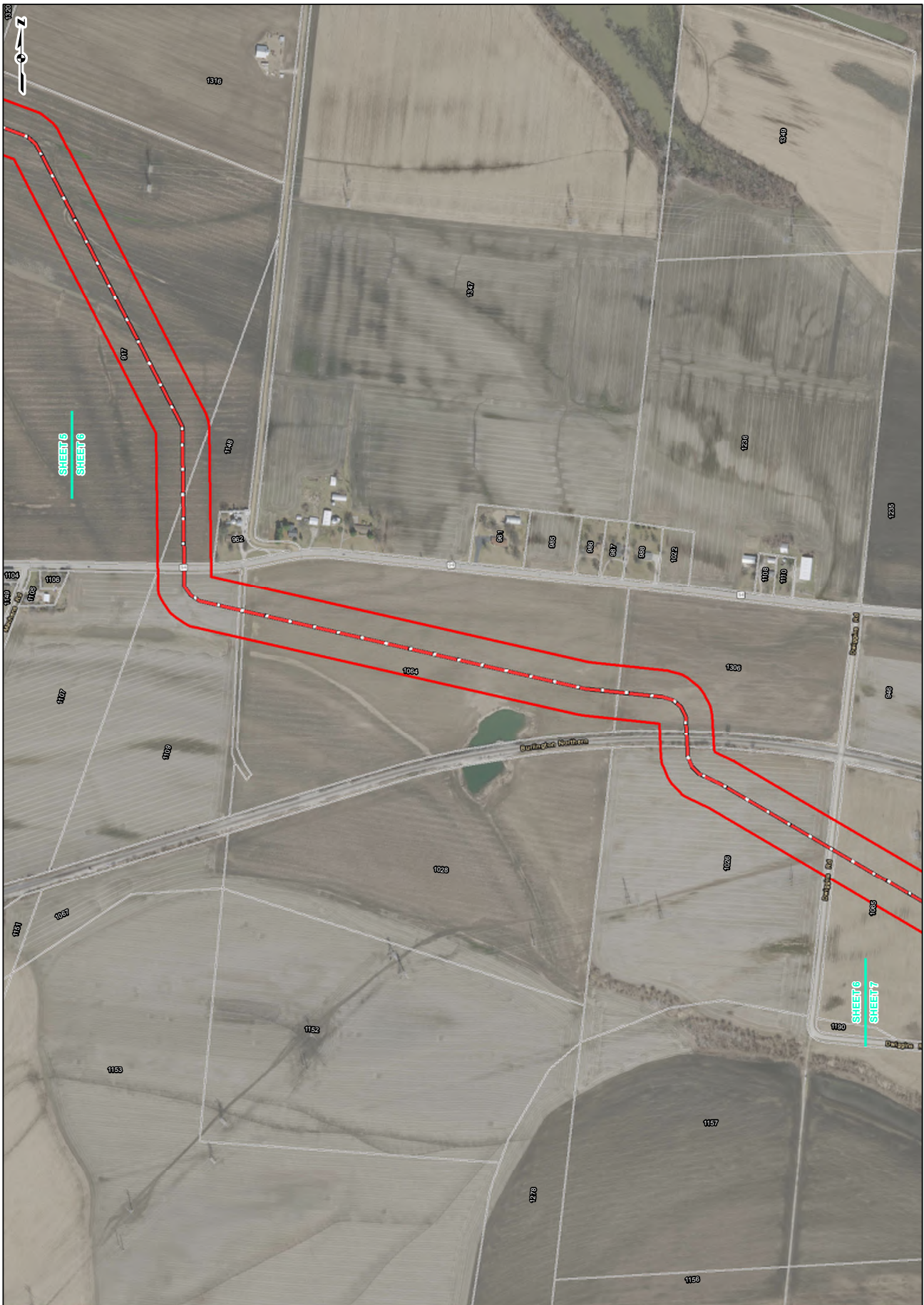
**PROJECT LOCATION MAP**  
**SHEET 5 OF 18**

**SPiRE STL PIPELINE PROJECT**

g | spire

DRAWN BY: PMH      DATE: 3/24/2017  
 CHECKED: EFJ      APPROVED:





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 2015, ACCESSED 03/2017.

**DRAFT**

**LEGEND**

- 24-INCH PIPELINE
- NORTH COUNTY EXTENSION
- CRP REVIEW AREA
- PARCEL BOUNDARY
- COUNTY BOUNDARY
- STATE BOUNDARY

0 250 500 1,000 Feet

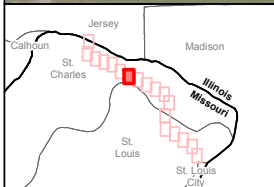
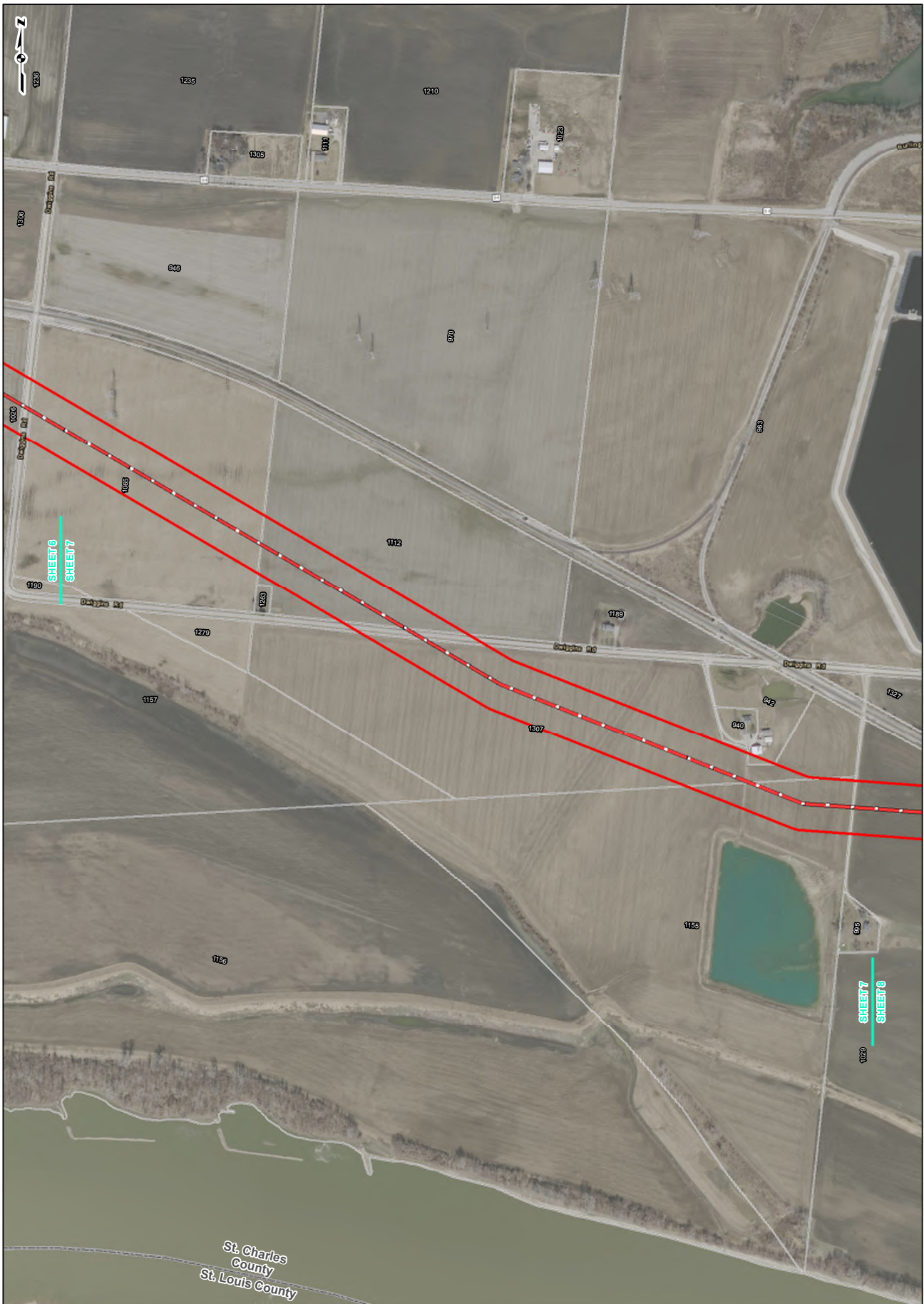
**PROJECT LOCATION MAP  
 SHEET 6 OF 18**

**SPiRE STL  
 PIPELINE  
 PROJECT**

SPiRE CONSULTANTS

DRAWN BY: PMH DATE: 3/24/2017  
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**LEGEND**

- 24-INCH PIPELINE
- NORTH COUNTY EXTENSION
- CRP REVIEW AREA
- PARCEL BOUNDARY
- COUNTY BOUNDARY
- STATE BOUNDARY

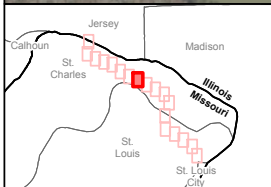
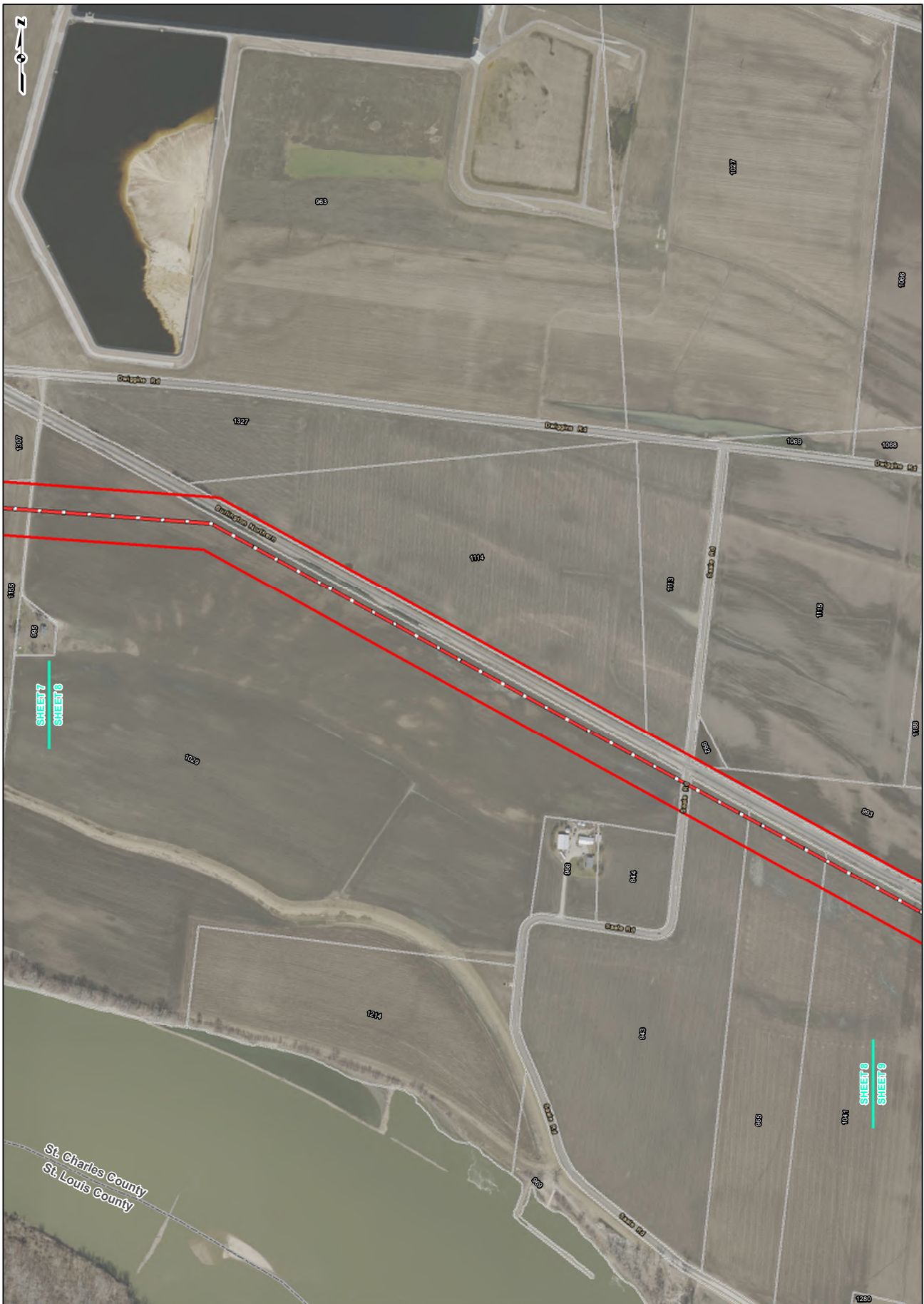
0 250 500 1,000 Feet

**PROJECT LOCATION MAP**  
 SHEET 7 OF 18

**SPiRE STL PIPELINE PROJECT**

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**LEGEND**

- 24-INCH PIPELINE
- NORTH COUNTY EXTENSION
- CRP REVIEW AREA
- PARCEL BOUNDARY
- COUNTY BOUNDARY
- STATE BOUNDARY

0 250 500 1,000 Feet

**PROJECT LOCATION MAP**  
**SHEET 8 OF 18**

**SPIRE STL PIPELINE PROJECT**

igal consultants

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**DRAFT**

**LEGEND**

- 24-INCH PIPELINE
- NORTH COUNTY EXTENSION
- CRP REVIEW AREA
- PARCEL BOUNDARY
- COUNTY BOUNDARY
- STATE BOUNDARY

0 250 500 1,000 Feet

**PROJECT LOCATION MAP  
 SHEET 9 OF 18**

**SPiRE STL PIPELINE PROJECT**

igai consultants

DRAWN BY: PMH DATE: 3/24/2017  
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 TRANSPORTATION, ST. LOUIS ORTHOS,  
 2015, ACCESSED 03/2017.

**DRAFT**

**LEGEND**

- 24-INCH PIPELINE
- NORTH COUNTY EXTENSION
- CRP REVIEW AREA
- PARCEL BOUNDARY
- COUNTY BOUNDARY
- STATE BOUNDARY

0 250 500 1,000 Feet

**PROJECT LOCATION MAP**  
**SHEET 11 OF 18**

**SPiRE STL PIPELINE PROJECT**

**SPiRE**

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SHEET 11  
SHEET 12

SHEET 12  
SHEET 13



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**LEGEND**

- 24-INCH PIPELINE
- NORTH COUNTY EXTENSION
- CRP REVIEW AREA
- PARCEL BOUNDARY
- COUNTY BOUNDARY
- STATE BOUNDARY

0 250 500 1,000 Feet

**PROJECT LOCATION MAP**  
**SHEET 12 OF 18**

**SPIRE STL PIPELINE PROJECT**

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CHECKED: EFJ APPROVED:





REFERENCE:  
 ESRI WORLD IMAGERY AND  
 TRANSPORTATION, ST. LOUIS ORTHOS,  
 2015, ACCESSED 03/2017.

**DRAFT**

LEGEND	
	24-INCH PIPELINE
	NORTH COUNTY EXTENSION
	CRP REVIEW AREA
	PARCEL BOUNDARY
	COUNTY BOUNDARY
	STATE BOUNDARY



**PROJECT LOCATION MAP**  
**SHEET 13 OF 18**

**SPIRE STL PIPELINE PROJECT**

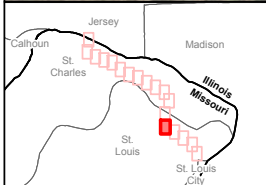
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 CHECKED: EFJ      APPROVED:





SHEET 13  
SHEET 14

SHEET 14  
SHEET 15



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TRANSPORTATION, ST. LOUIS ORTHOS,  
2015, ACCESSED 03/2017.

**DRAFT**

LEGEND	
	24-INCH PIPELINE
	NORTH COUNTY EXTENSION
	CRP REVIEW AREA
	PARCEL BOUNDARY
	COUNTY BOUNDARY
	STATE BOUNDARY

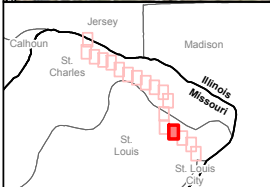
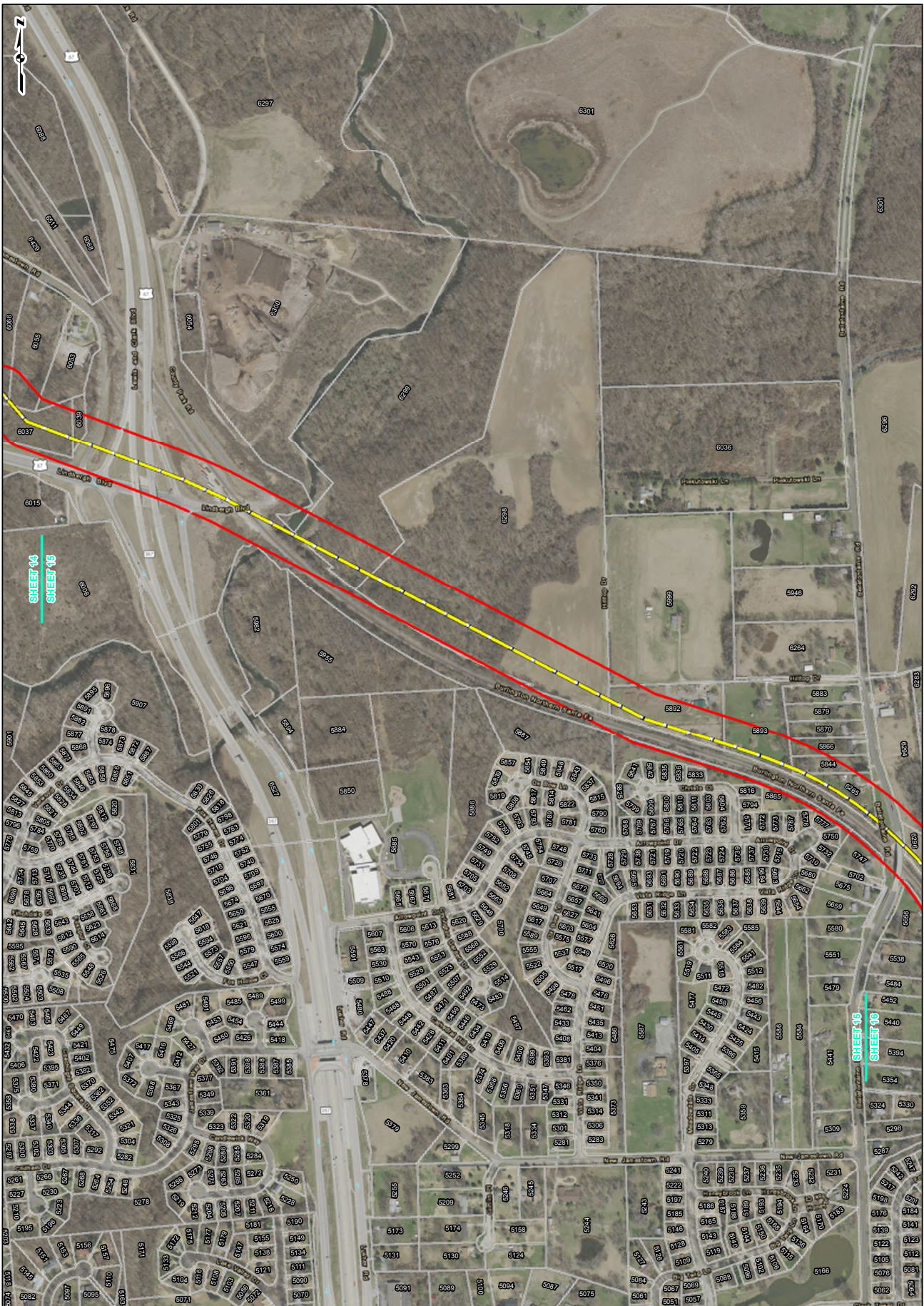


**PROJECT LOCATION MAP**  
SHEET 14 OF 18

**SPIRE STL PIPELINE PROJECT**

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CHECKED: EFJ      APPROVED:



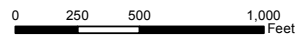


REFERENCE:  
 ESRI WORLD IMAGERY AND  
 TRANSPORTATION, ST. LOUIS ORTHOS,  
 2015, ACCESSED 03/2017.

**DRAFT**

**LEGEND**

- 24-INCH PIPELINE
- NORTH COUNTY EXTENSION
- CRP REVIEW AREA
- PARCEL BOUNDARY
- COUNTY BOUNDARY
- STATE BOUNDARY



**PROJECT LOCATION MAP**  
 SHEET 15 OF 18



**SPIRE STL PIPELINE PROJECT**

DRAWN BY: PMH  
 CHECKED: EFJ

DATE: 3/24/2017  
 APPROVED:





REFERENCE:  
 ESRI WORLD IMAGERY AND  
 TRANSPORTATION, ST. LOUIS ORTHOS,  
 2015, ACCESSED 03/2017.

**DRAFT**

**LEGEND**

- 24-INCH PIPELINE
- NORTH COUNTY EXTENSION
- CRP REVIEW AREA
- PARCEL BOUNDARY
- COUNTY BOUNDARY
- STATE BOUNDARY

0 250 500 1,000  
 Feet

**PROJECT LOCATION MAP**  
**SHEET 16 OF 18**

**SPIRE STL PIPELINE PROJECT**

DRAWN BY: PMH DATE: 3/24/2017  
 CHECKED: EFJ APPROVED:

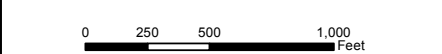




REFERENCE:  
 ESRI WORLD IMAGERY AND  
 TRANSPORTATION, ST. LOUIS ORTHOS,  
 2015, ACCESSED 03/2017.

**DRAFT**

LEGEND	
	24-INCH PIPELINE
	NORTH COUNTY EXTENSION
	CRP REVIEW AREA
	PARCEL BOUNDARY
	COUNTY BOUNDARY
	STATE BOUNDARY



**PROJECT LOCATION MAP**  
**SHEET 17 OF 18**

**SPIRE STL PIPELINE PROJECT**

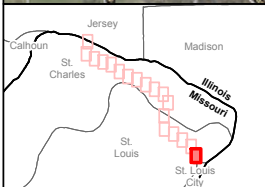
DRAWN BY: PMH      DATE: 3/24/2017  
 CHECKED: EFJ      APPROVED:





SHEET 17  
SHEET 18

St. Louis County  
St. Louis  
City County

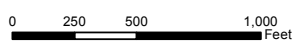


REFERENCE:  
ESRI WORLD IMAGERY AND  
TRANSPORTATION, ST. LOUIS ORTHOS,  
2015, ACCESSED 03/2017.

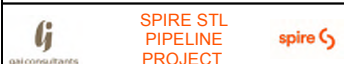
**DRAFT**

**LEGEND**

- 24-INCH PIPELINE
- NORTH COUNTY EXTENSION
- CRP REVIEW AREA
- PARCEL BOUNDARY
- COUNTY BOUNDARY
- STATE BOUNDARY



**PROJECT LOCATION MAP  
SHEET 18 OF 18**



DRAWN BY: PMH DATE: 3/24/2017  
CHECKED: EFJ APPROVED:

# telephone log



gai consultants

Date: 3/24/2017

---

Project / Admin. No.: E160438.00

---

Call From: Ali Trunzo

---

Company: GAI Consultants

---

Phone No.: 412-399-5096

---

Call To: Eric Niemeyer

---

Company: Farm Service Agency – St. Charles and St. Louis Counties

---

Phone No.: 636-922-2833

---

Subject: CRP lands

---

cc:

---

**Summary of Discussion, Decisions, and Commitments:**

---

Spoke with Mr. Niemeyer regarding the Spire STL Pipeline Project. Connie Gibson, his predecessor, has retired.

Mr. Niemeyer is the new contact.

Mr. Niemeyer had heard of the Project briefly. I provided an overview of the Project and explained the proposed amendment. Mr. Niemeyer requested information be sent by email, and he will evaluate.



## Ali Trunzo

---

**From:** Ali Trunzo  
**Sent:** Thursday, January 26, 2017 10:14 AM  
**To:** Ali Trunzo  
**Subject:** FW: Noxious/Invasive Species Control  
**Attachments:** 1-26-17 Spire STL\_Noxious Weed Plan.pdf

---

**From:** Ali Trunzo  
**Sent:** Thursday, January 26, 2017 10:14 AM  
**To:** 'Behymer, Bradley - NRCS, Carrollton, IL' <Bradley.Behymer@il.usda.gov>; 'johanna.fuller@il.usda.gov' <johanna.fuller@il.usda.gov>  
**Cc:** Lori Ferry <L.Ferry@gaiconsultants.com>  
**Subject:** RE: Noxious/Invasive Species Control

Brad,

Thank you for bringing this to our attention, and apologies for the discrepancy. Please see the attached update.

Sincerely,

Ali

-----  
**Alessandra M. Trunzo**

D 412.399.5096 Email [a.trunzo@gaiconsultants.com](mailto:a.trunzo@gaiconsultants.com)



**ENGINEERING, PLANNING, AND ENVIRONMENTAL CONSULTING SINCE 1958**

GAI CONSULTANTS CONFIDENTIALITY NOTICE: This communication contains confidential information belonging to the sender and may be legally privileged. This communication is solely for the use of its intended recipient. If you are not the intended recipient, inform the sender of the error and remove this email from your system. If this transmission includes any technical information, design data, and/or recommendations, they are provided only as a matter of convenience and may not be used for final design and/or construction.

---

**From:** Behymer, Bradley - NRCS, Carrollton, IL [<mailto:Bradley.Behymer@il.usda.gov>]  
**Sent:** Wednesday, January 25, 2017 5:02 PM  
**To:** Ali Trunzo <[A.Trunzo@gaiconsultants.com](mailto:A.Trunzo@gaiconsultants.com)>  
**Subject:** Noxious/Invasive Species Control

I just read through the control plan for the spire pipeline. Just wanted to let you know that my name was spelled incorrectly in the document.

Thanks  
Brad Behymer

This electronic message contains information generated by the USDA solely for the intended recipients. Any unauthorized interception of this message or the use or disclosure of the information it contains may violate the law and subject the violator to civil or criminal penalties. If you believe you have received this message in error, please notify the sender and delete the email immediately.

## Ali Trunzo

---

**From:** Behymer, Bradley - NRCS, Carrollton, IL <Bradley.Behymer@il.usda.gov>  
**Sent:** Wednesday, January 25, 2017 5:02 PM  
**To:** Ali Trunzo  
**Subject:** Noxious/Invasive Species Control

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

I just read through the control plan for the spire pipeline. Just wanted to let you know that my name was spelled incorrectly in the document.

Thanks  
Brad Behymer

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**National Park Service**



GAI Consultants, Inc.-Chicago Office  
2300 Cabot Drive, Suite 395  
Lisle, Illinois 60532

T 630.605.5255

March 29, 2017

Mr. Dan Wiley  
Acting Superintendent  
National Park Service  
Lewis and Clark National Historic Trail  
601 Riverfront Drive  
Omaha, Nebraska 68102-4226

**Re: Supplemental Information (Docket No. CP17-40)  
Spire STL Pipeline LLC  
Spire STL Pipeline Project  
St. Charles and St. Louis Counties, Missouri**

Dear Mr. Wiley:

In March 2017, Spire Pipeline LLC ("Spire") initiated consultation with your office regarding their intent to construct, own, and operate the proposed Spire STL Pipeline Project ("Project") which consisted of approximately 59 miles of new, greenfield 24-inch-diameter steel pipeline (referred to as the "24-inch pipeline") originating at an interconnection with the Rockies Express Pipeline LLC ("REX") pipeline in Scott County, Illinois; extending through Greene and Jersey Counties in Illinois before crossing the Mississippi River and extending down east into St. Charles County, Missouri, crossing the Missouri River and tying into an existing pipeline in St. Louis County, Missouri, currently owned and operated by Laclede Gas Company ("LGC") (referred to as "Line 880"). Line 880 consisted of approximately seven miles of existing 20-inch-diameter steel pipeline. As part of the proposed Project, Spire was planning on modifying Line 880 before placing it into interstate service. The Project also included the construction of minor aboveground metering and regulating ("M&R") stations. On January 26, 2017, Spire filed an application with the Federal Energy Regulatory Commission ("FERC") for a Certificate of Public Convenience and Necessity for the Project (Docket No. CP17-40-000).

On March 15, 2017, Spire filed a "Preliminary Notification of Preferred Route Change" with FERC, indicating that Spire no longer plans to modify the existing Line 880 as part of the Project. Instead, Spire intends to construct a new, greenfield 24-inch pipeline (referred to as the "North County Extension") which will extend the 24-inch pipeline portion of the Project to a proposed interconnect with Enable Mississippi River Transmission ("Enable MRT"). Spire plans to file an amended application with the FERC in April 2017. GAI Consultants, Inc. ("GAI"), on behalf of Spire, is submitting supplemental information to assist with your review of the Project as amended. An updated description of the proposed Project facilities and location map (Figure 1) are provided herein.

### **Amended Project Description**

The amended Project as proposed will consist of approximately 65 miles of new, greenfield, 24-inch-diameter steel pipeline in two segments. The first segment (referred to as the "24-inch pipeline" portion of the Project) will originate at a new interconnect with the REX pipeline in Scott County, Illinois and extend approximately 59 miles through Greene and Jersey Counties in Illinois before crossing the Mississippi River and extending east through St. Charles County, Missouri. The 24-inch pipeline then crosses the Missouri River into St. Louis County, Missouri, and terminates at a new interconnect with LGC. The second segment of new greenfield pipeline, North County Extension, will consist of a 24-inch-diameter steel pipeline which will extend approximately six miles from the LGC interconnect through the northern portion of St. Louis County and terminate at a new interconnect with Enable MRT and LGC. The total length of the Project pipeline will be approximately 65 miles. The overall design capacity of the Project pipeline is expected to be 400,000 dekatherms per day. No



compression will be required. The Project also includes the construction of three new M&R stations that provide interconnects with (1) REX in Illinois, (2) LGC in Missouri, and (3) Enable MRT and LGC in Missouri.

The acquisition and modifications to LGC's existing Line 880 is no longer proposed as part of the Project.

Spire anticipates a typical 90-foot temporary construction right-of-way width, and a 50-foot permanent easement. The construction right-of-way is anticipated to be reduced to 75 feet at streams and wetlands. An additional 25 feet of temporary workspace will be required through agricultural areas, and additional temporary workspace will be required to facilitate construction in certain areas, such as crossings of roads, railroads, streams, and wetlands.

The updated Project schedule includes the following target dates:

- July 22, 2016 - National Environmental Policy Act ("NEPA") process began (initiation of FERC Pre-Filing process);
- August 2016 through March 2017 (Anticipated) - Biological and Cultural Resource Surveys;
- January 26, 2017 - Application Filed with FERC;
- April 2017 (Anticipated) – File Amended Application with FERC;
- September 2017 (Anticipated) - Draft NEPA Document Published; and
- December 2017 (Anticipated) - FERC Decision on Application.

Construction is anticipated to commence in January 2018.

#### **Lewis and Clark National Historic Trail**

Spire understands the National Park Service is interested in impacts to Lewis and Clark National Historic Trail (Missouri River) users as well as related Auto Tour recreationists. The above-mentioned Project modifications do not change the planned horizontal directional drill of the Missouri River or the Laclede/Lange Delivery Station site, which cross or are in the vicinity of the Trail. We do not anticipate new viewshed impacts or travel concerns associated with the proposed North County Extension in regard to the Trail or its Auto Tour routes. Therefore, no further Project impacts have been identified in addition to the information provided to the National Park Service in Spire's letter dated March 10, 2017.

**On behalf of Spire we'd like to take this opportunity to invite the National Park Service to provide comments regarding the Project as it will be amended. We appreciate your continued involvement and cooperation in the review of this important Project.**

If you have any questions or would like additional information, please feel free to contact me at 630.605.5255 or by e-mail at L.Ferry@gaiconsultants.com.

Sincerely,

**GAI Consultants, Inc.**



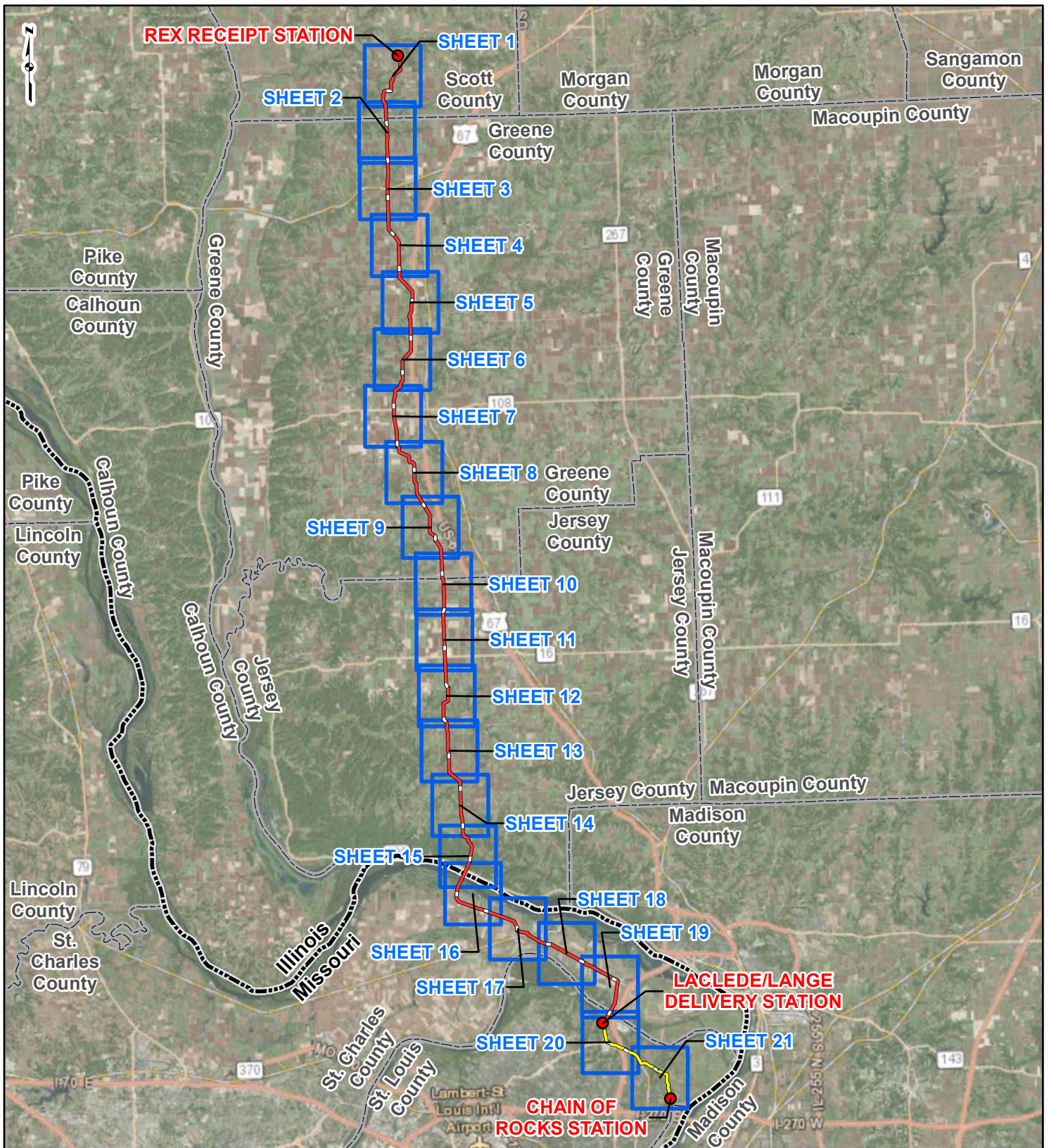
Lori M. Ferry  
Environmental Manager

LMF/djz

Attachment: United States Geological Survey Topographic Map (Figure 1)

**ATTACHMENT**  
**USGS TOPOGRAPHIC MAP (FIGURE 1)**





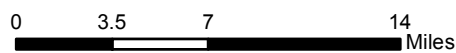
**PROJECT LOCATION**



SCOTT, GREENE AND JERSEY COUNTIES, ILLINOIS AND ST. CHARLES AND ST. LOUIS COUNTIES, MISSOURI

**LEGEND**

- PROPOSED FACILITIES
- 24-INCH PIPELINE
- NORTH COUNTY EXTENSION
- SHEET INDEX
- COUNTY BOUNDARY
- STATE BOUNDARY



**FIGURE 1  
LOCATION MAP  
SHEET INDEX**



**SPIRE STL  
PIPELINE  
PROJECT**

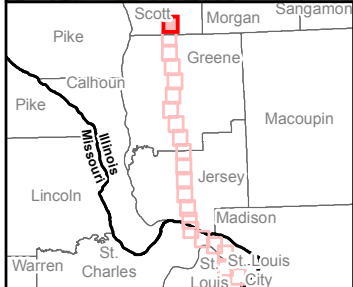
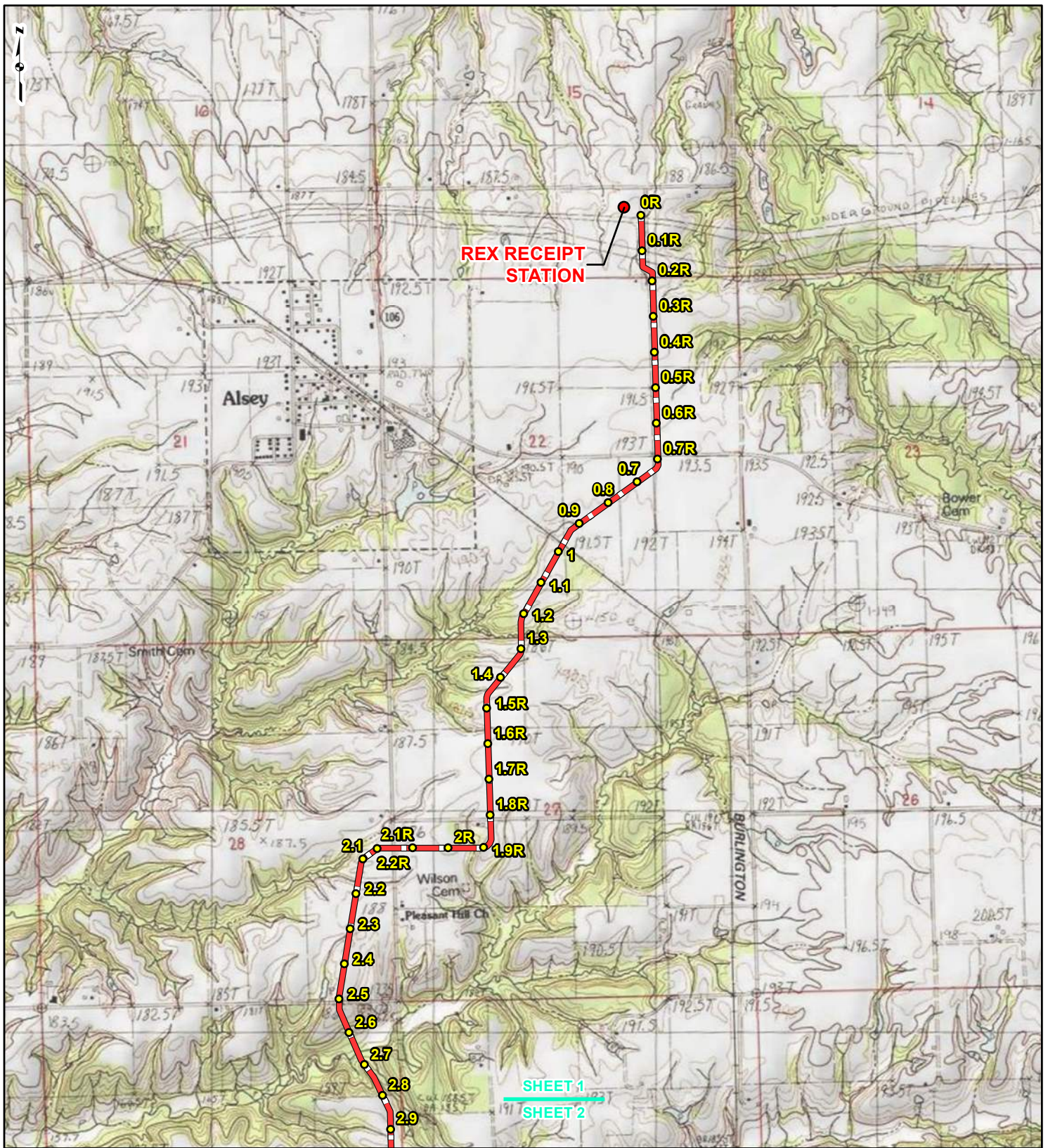


DRAWN BY: PMH  
CHECKED: SWW

DATE: 3/28/2017  
APPROVED: LMF

REFERENCE: ESRI WORLD IMAGERY AND TRANSPORTATION, NAIP, USDA FSA, 2015, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE NORTH COUNTY
● 24-INCH PIPELINE MILEPOST	— EXTENSION
○ NORTH COUNTY	▭ COUNTY BOUNDARY
● EXTENSION MILEPOST	▭ STATE BOUNDARY

0    1,000    2,000    4,000 Feet

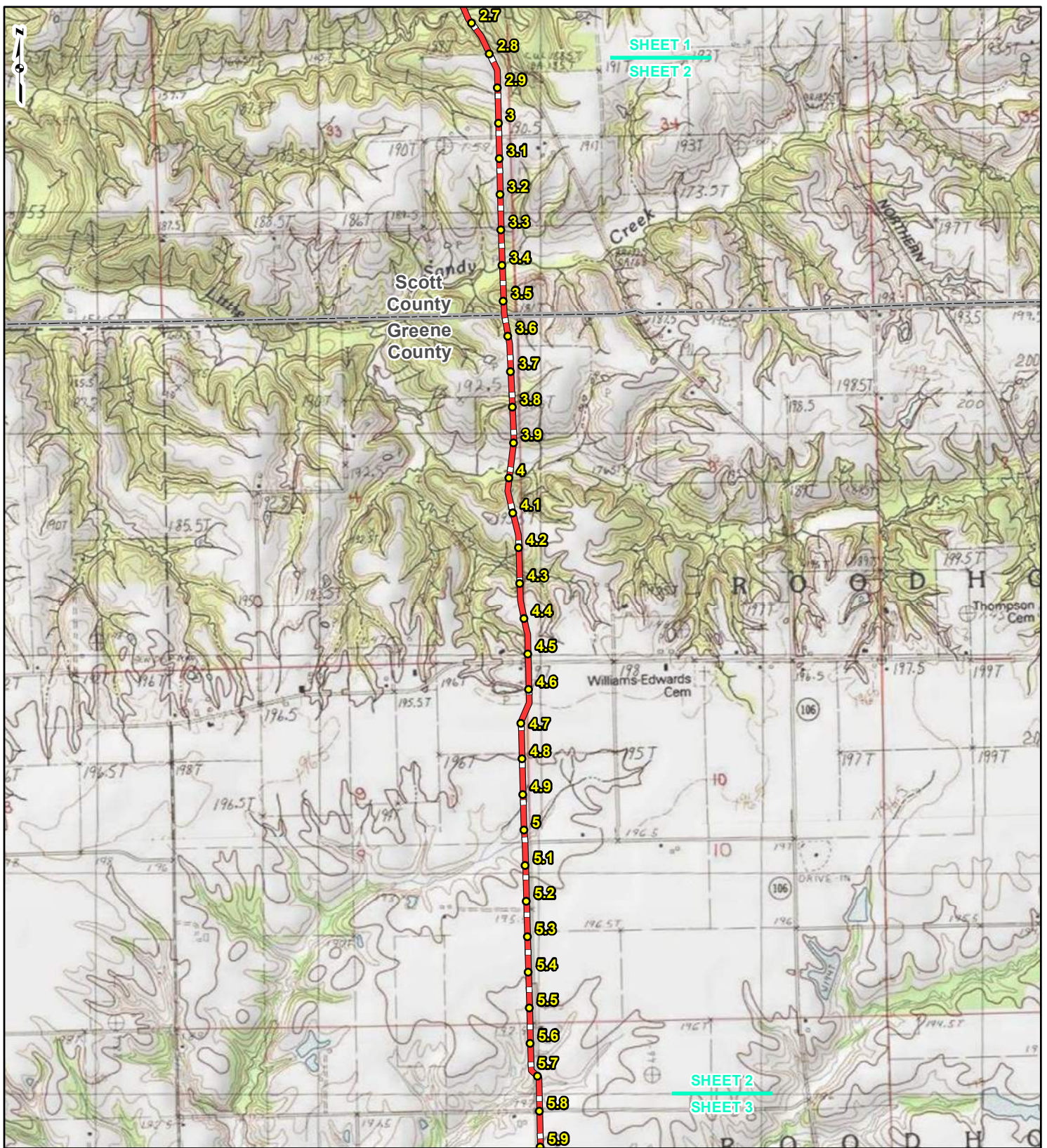
**FIGURE 1  
LOCATION MAP  
SHEET 1 OF 21**

**SPIRE STL  
PIPELINE  
PROJECT**

DRAWN BY: PMH      DATE: 3/28/2017  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSA (1995), FLORISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE MILEPOST	— NORTH COUNTY EXTENSION
● NORTH COUNTY EXTENSION MILEPOST	□ COUNTY BOUNDARY
	□ STATE BOUNDARY

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**FIGURE 1  
LOCATION MAP  
SHEET 2 OF 21**

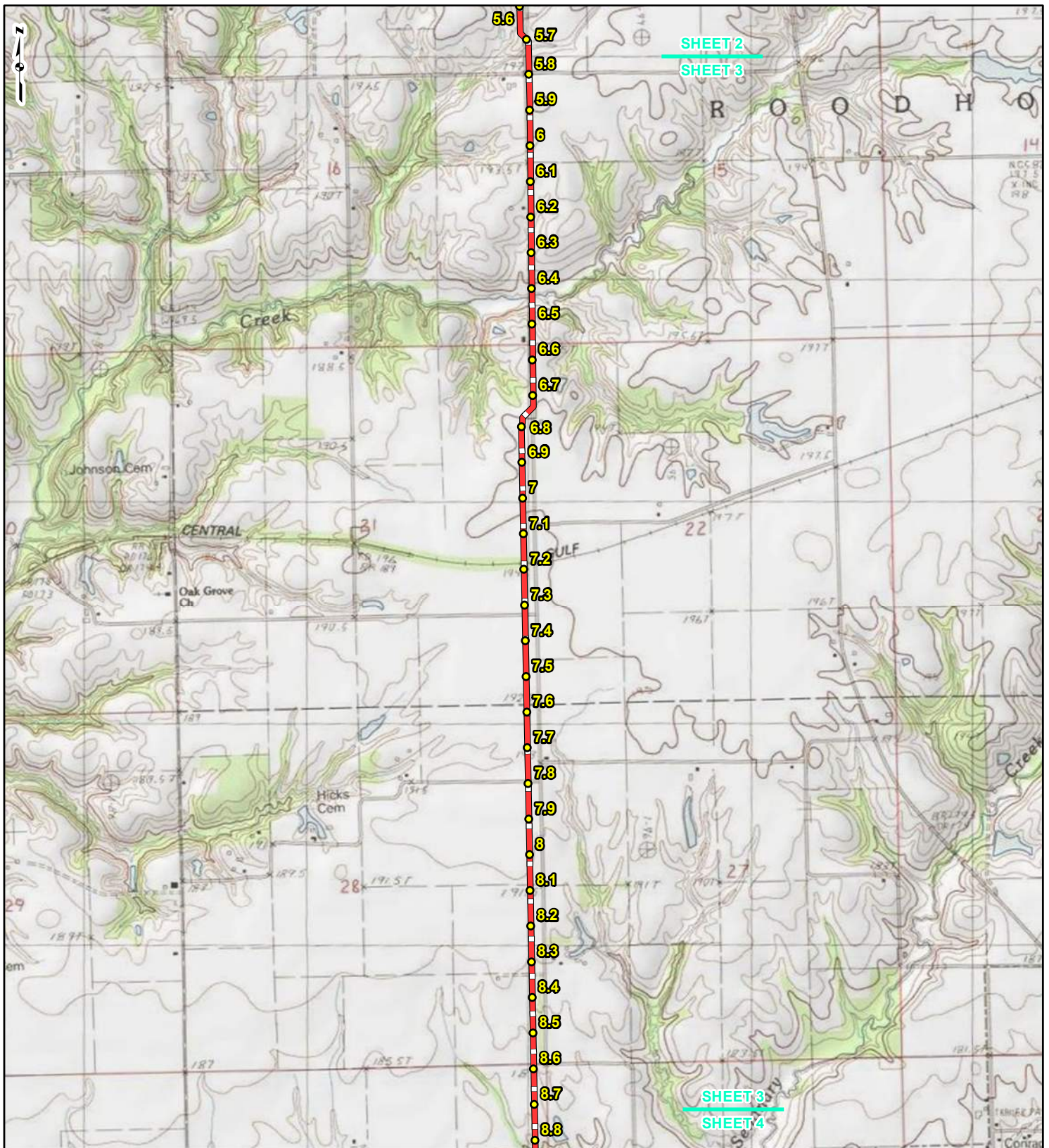
**SPIRE STL  
PIPELINE  
PROJECT**

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DRAWN BY: PMH      DATE: 3/28/2017  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLOISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE	— NORTH COUNTY
● MILEPOST	— EXTENSION
— NORTH COUNTY	▭ COUNTY BOUNDARY
● EXTENSION	▭ STATE BOUNDARY
● MILEPOST	

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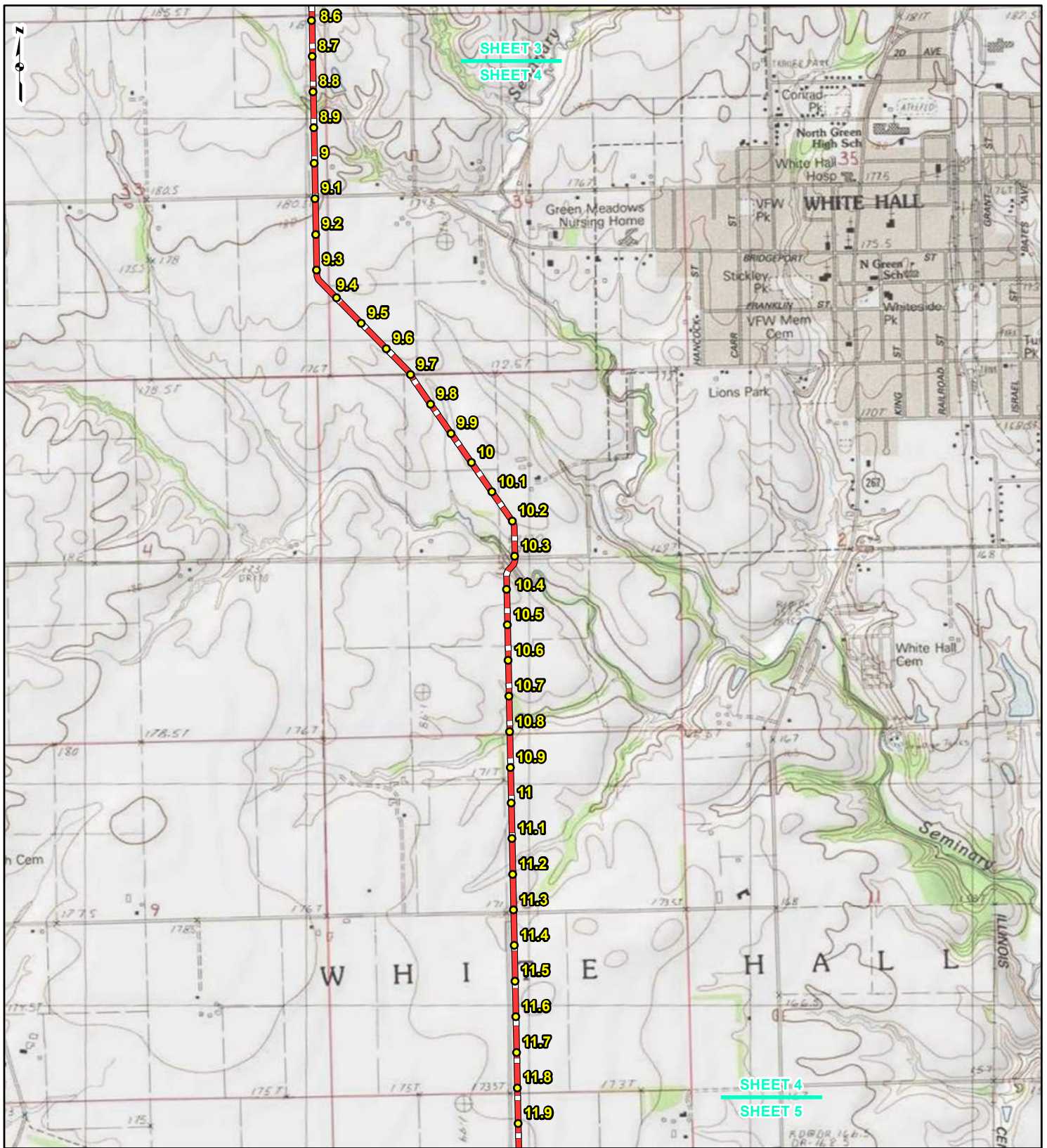
**FIGURE 1**  
**LOCATION MAP**  
**SHEET 3 OF 21**

**SPIRE STL**  
**PIPELINE**  
**PROJECT**

DRAWN BY: PMH      DATE: 3/28/2017  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLORISSANT (1995), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE	— NORTH COUNTY
● MILEPOST	— EXTENSION
— NORTH COUNTY	▭ COUNTY BOUNDARY
● EXTENSION	▭ STATE BOUNDARY
● MILEPOST	

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Feet

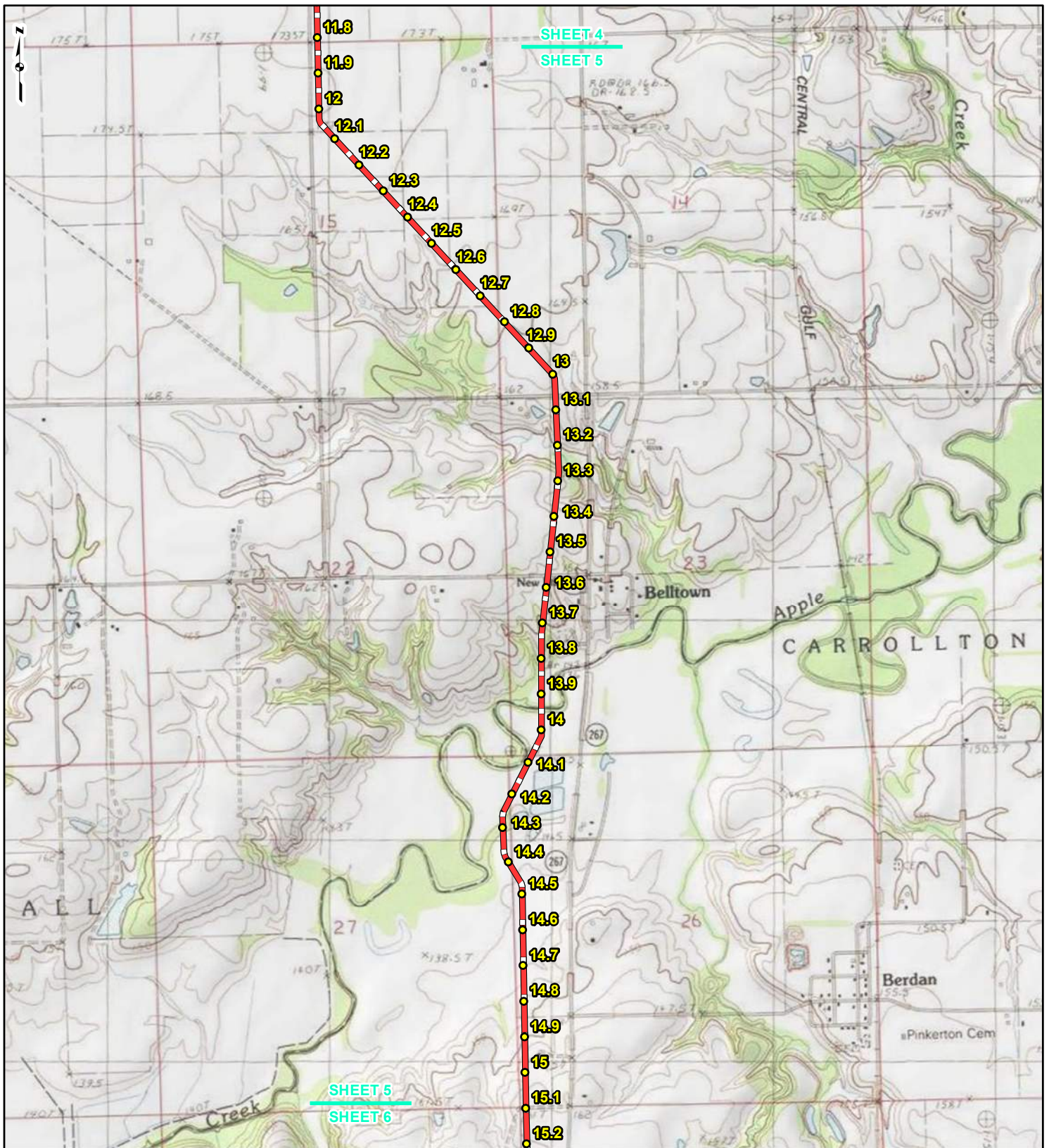
**FIGURE 1  
LOCATION MAP  
SHEET 4 OF 21**

**SPIRE STL  
PIPELINE  
PROJECT**

DRAWN BY: PMH      DATE: 3/28/2017  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLORISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.







**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE MILEPOST	— NORTH COUNTY EXTENSION
● NORTH COUNTY EXTENSION MILEPOST	▭ COUNTY BOUNDARY
	▭ STATE BOUNDARY

0 1,000 2,000 4,000 Feet

**FIGURE 1  
LOCATION MAP  
SHEET 5 OF 21**

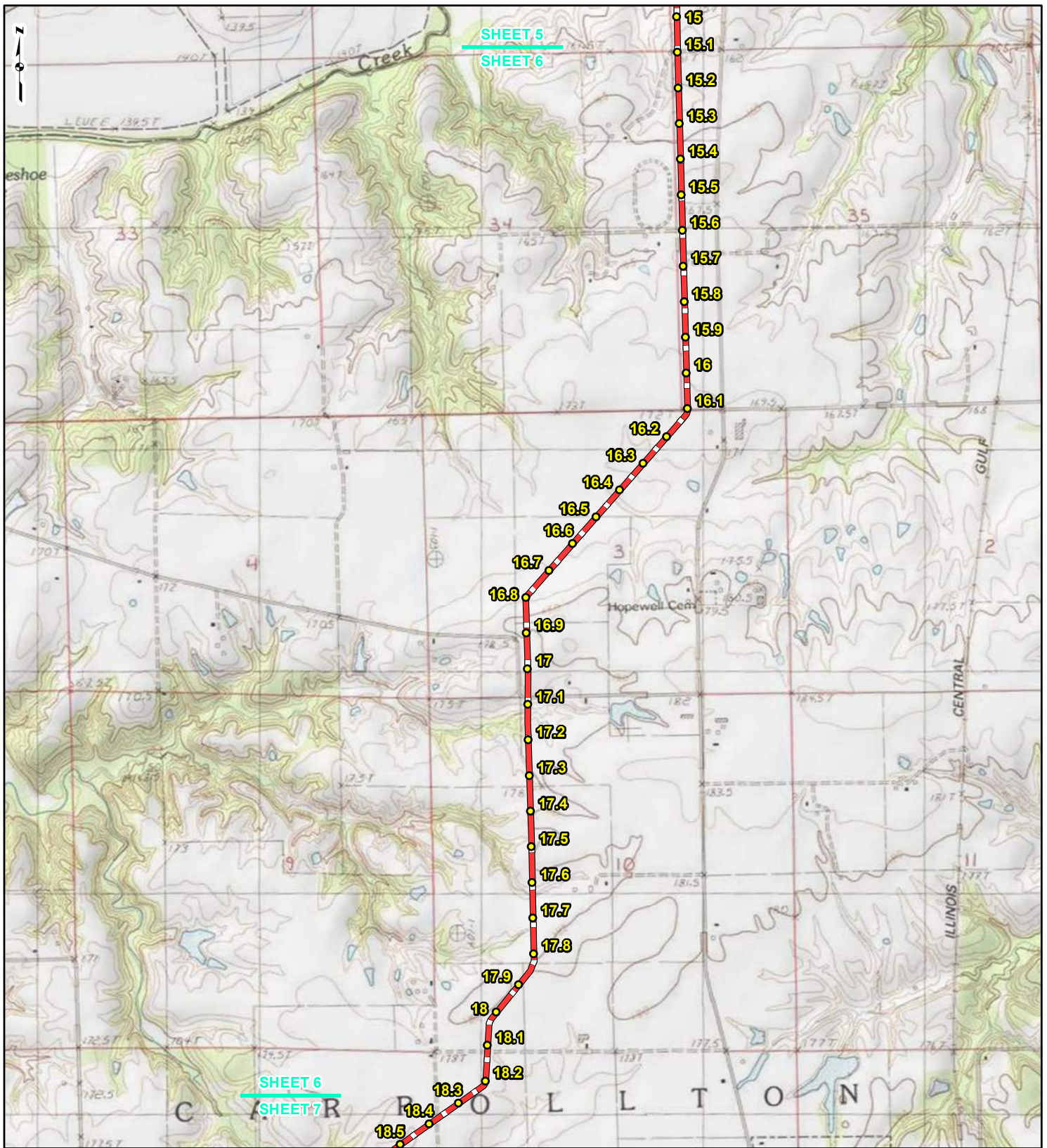
**SPIRE STL  
PIPELINE  
PROJECT**

DRAWN BY: PMH      DATE: 3/28/2017  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLOISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE MILEPOST	— NORTH COUNTY EXTENSION
— NORTH COUNTY EXTENSION	▭ COUNTY BOUNDARY
● MILEPOST	▭ STATE BOUNDARY

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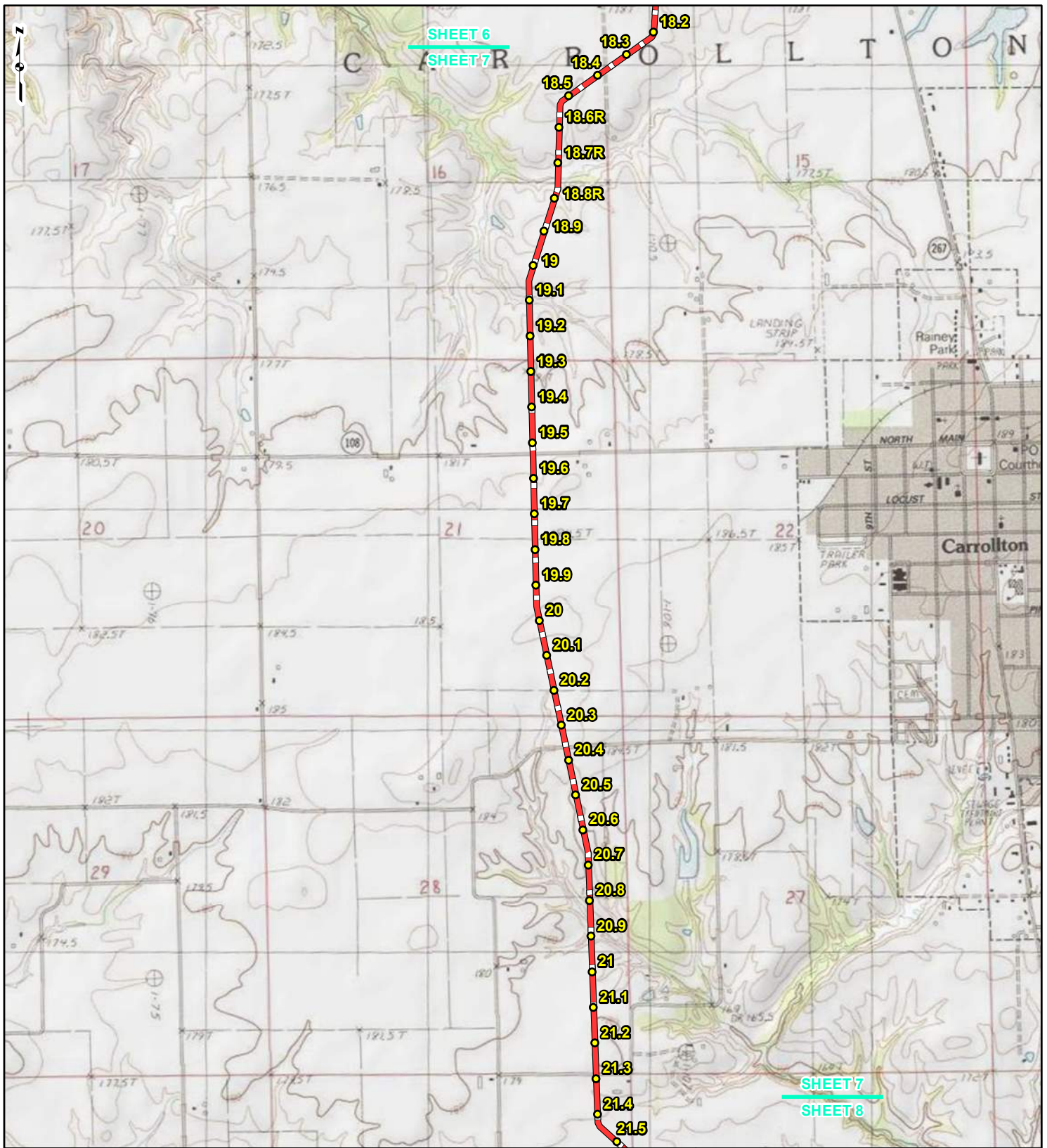
**FIGURE 1  
LOCATION MAP  
SHEET 6 OF 21**

**SPIRE STL  
PIPELINE  
PROJECT**

DRAWN BY: PMH      DATE: 3/28/2017  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLORISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE MILEPOST	— NORTH COUNTY EXTENSION
● NORTH COUNTY EXTENSION MILEPOST	▭ COUNTY BOUNDARY
	▭ STATE BOUNDARY

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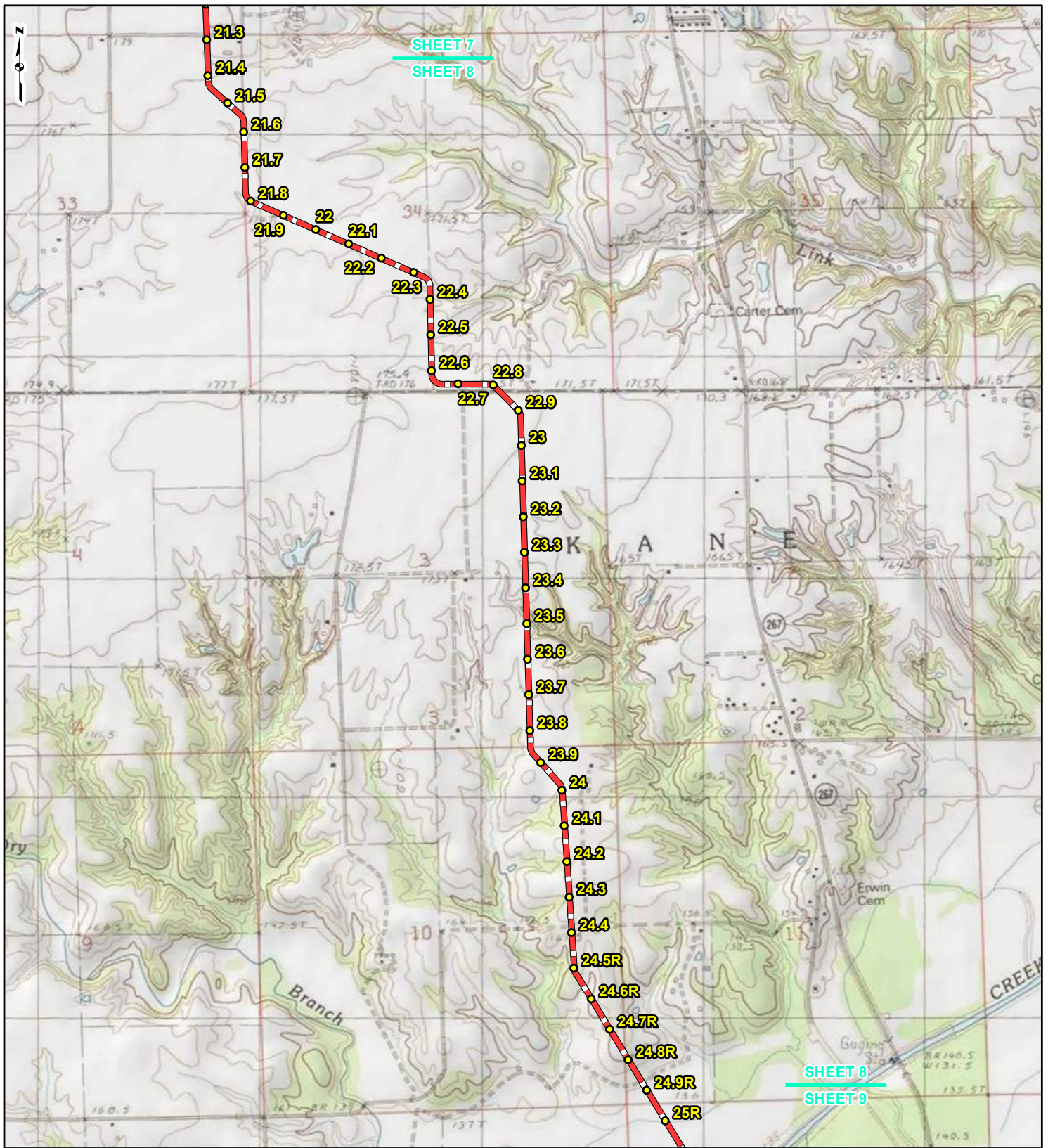
**FIGURE 1  
LOCATION MAP  
SHEET 7 OF 21**

**SPIRE STL  
PIPELINE  
PROJECT**

DRAWN BY: PMH	DATE: 3/28/2017
CHECKED: SWW	APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLORISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE MILEPOST	— NORTH COUNTY EXTENSION
○ NORTH COUNTY EXTENSION MILEPOST	▭ COUNTY BOUNDARY
	▭ STATE BOUNDARY

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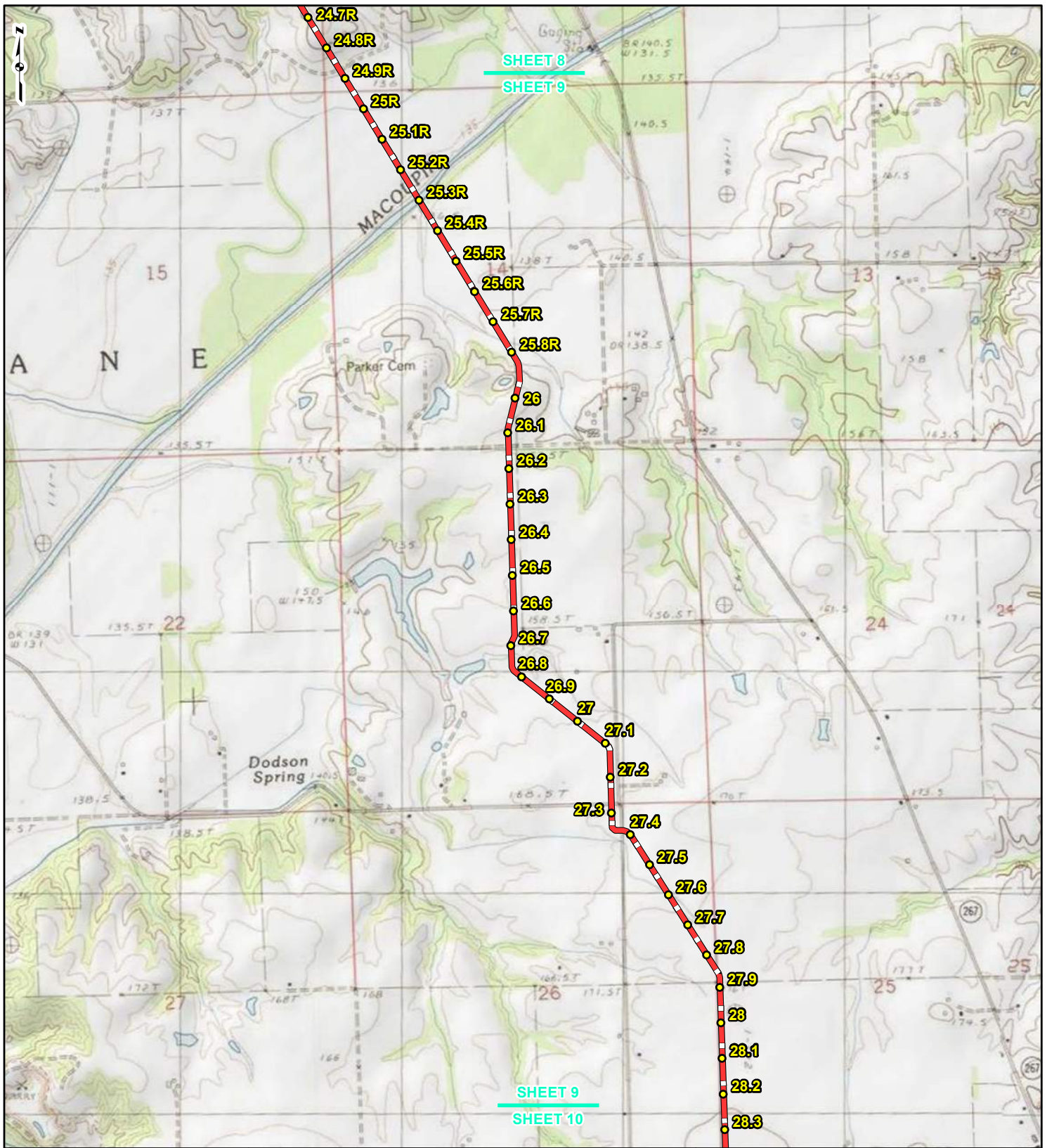
**FIGURE 1  
LOCATION MAP  
SHEET 8 OF 21**

**SPIRE STL  
PIPELINE  
PROJECT**

DRAWN BY: PMH      DATE: 3/28/2017  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLORISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE MILEPOST	— NORTH COUNTY EXTENSION
● NORTH COUNTY EXTENSION MILEPOST	▭ COUNTY BOUNDARY
	▭ STATE BOUNDARY

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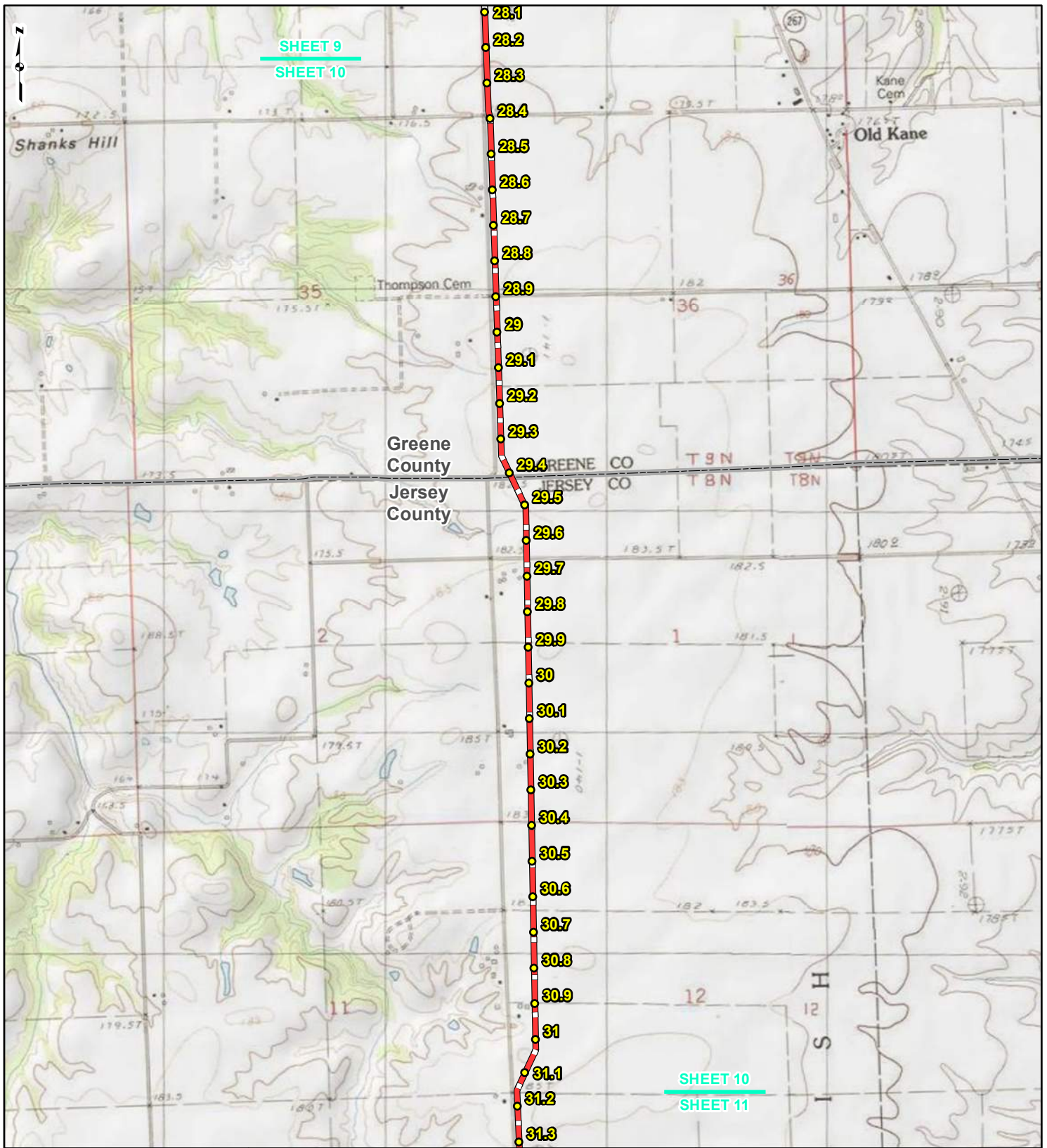
**FIGURE 1  
LOCATION MAP  
SHEET 9 OF 21**

**SPIRE STL  
PIPELINE  
PROJECT**

DRAWN BY: PMH      DATE: 3/28/2017  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLORISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





SHEET 9  
SHEET 10

SHEET 10  
SHEET 11



**LEGEND**

- PROPOSED FACILITIES
- 24-INCH PIPELINE MILEPOST
- NORTH COUNTY EXTENSION MILEPOST
- 24-INCH PIPELINE NORTH COUNTY EXTENSION
- ▭ COUNTY BOUNDARY
- ▭ STATE BOUNDARY

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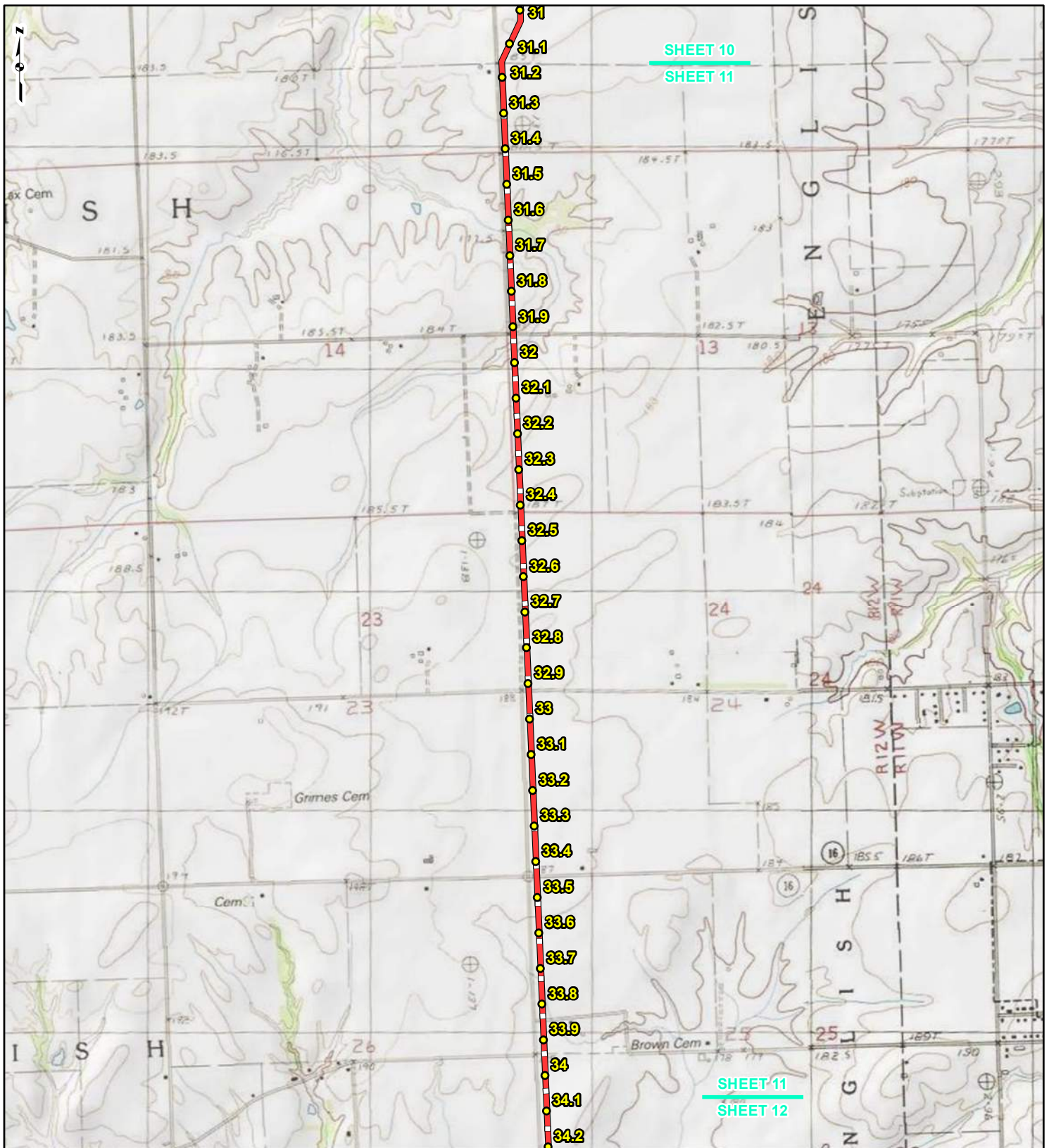
**FIGURE 1**  
**LOCATION MAP**  
**SHEET 10 OF 21**

**SPIRE STL PIPELINE PROJECT**

gai consultants **spire**

DRAWN BY: PMH DATE: 3/28/2017  
CHECKED: SWW APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLORISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.



**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE MILEPOST	— NORTH COUNTY EXTENSION
● NORTH COUNTY EXTENSION MILEPOST	▭ COUNTY BOUNDARY
	▭ STATE BOUNDARY

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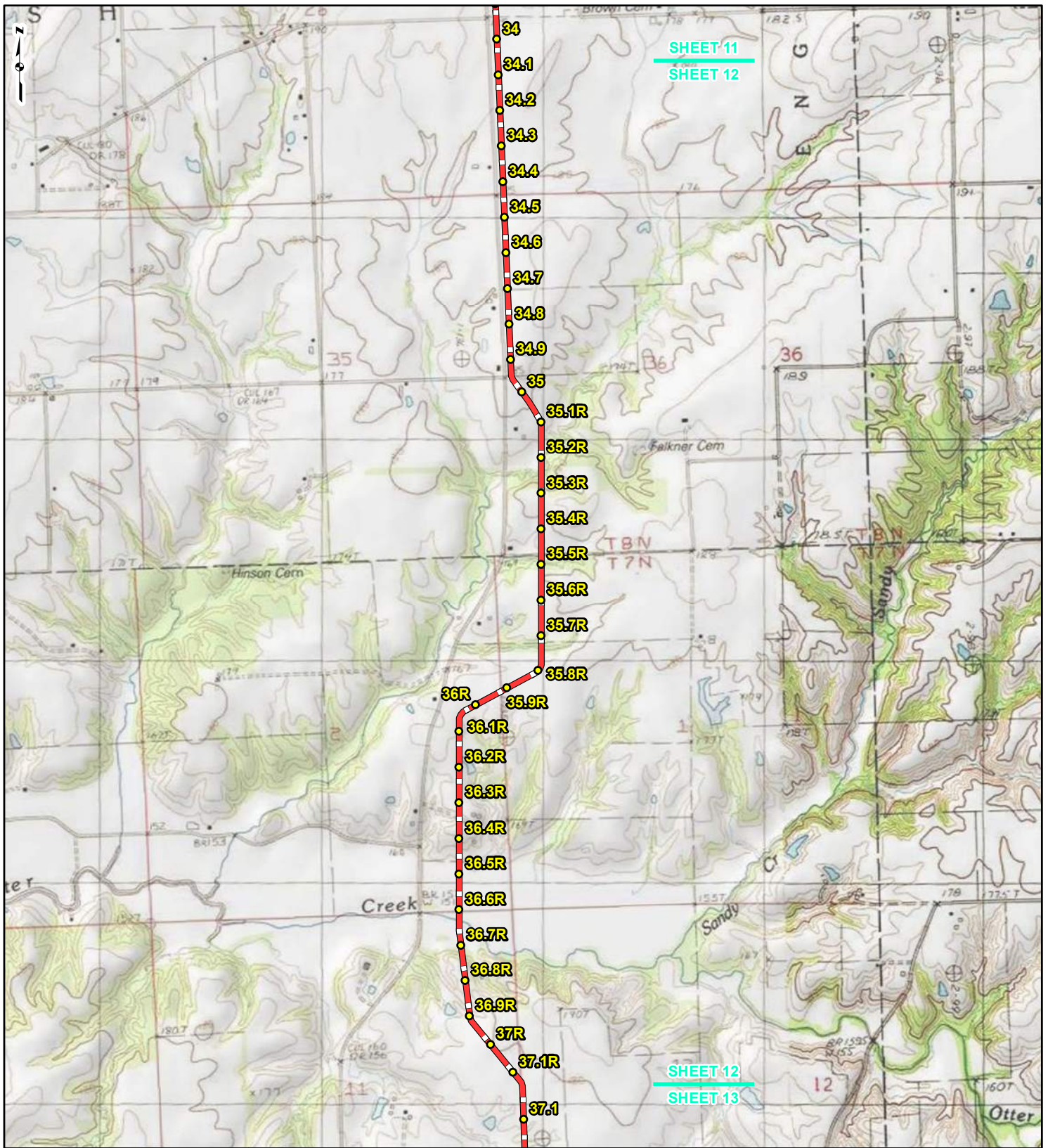
**FIGURE 1  
LOCATION MAP  
SHEET 11 OF 21**

**SPIRE STL  
PIPELINE  
PROJECT**

DRAWN BY: PMH	DATE: 3/28/2017
CHECKED: SWW	APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), EL SAH (1995), FLORISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





SHEET 11  
SHEET 12

SHEET 12  
SHEET 13



**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE MILEPOST	— NORTH COUNTY EXTENSION
● NORTH COUNTY EXTENSION MILEPOST	▭ COUNTY BOUNDARY
	▭ STATE BOUNDARY

0    1,000    2,000    4,000 Feet

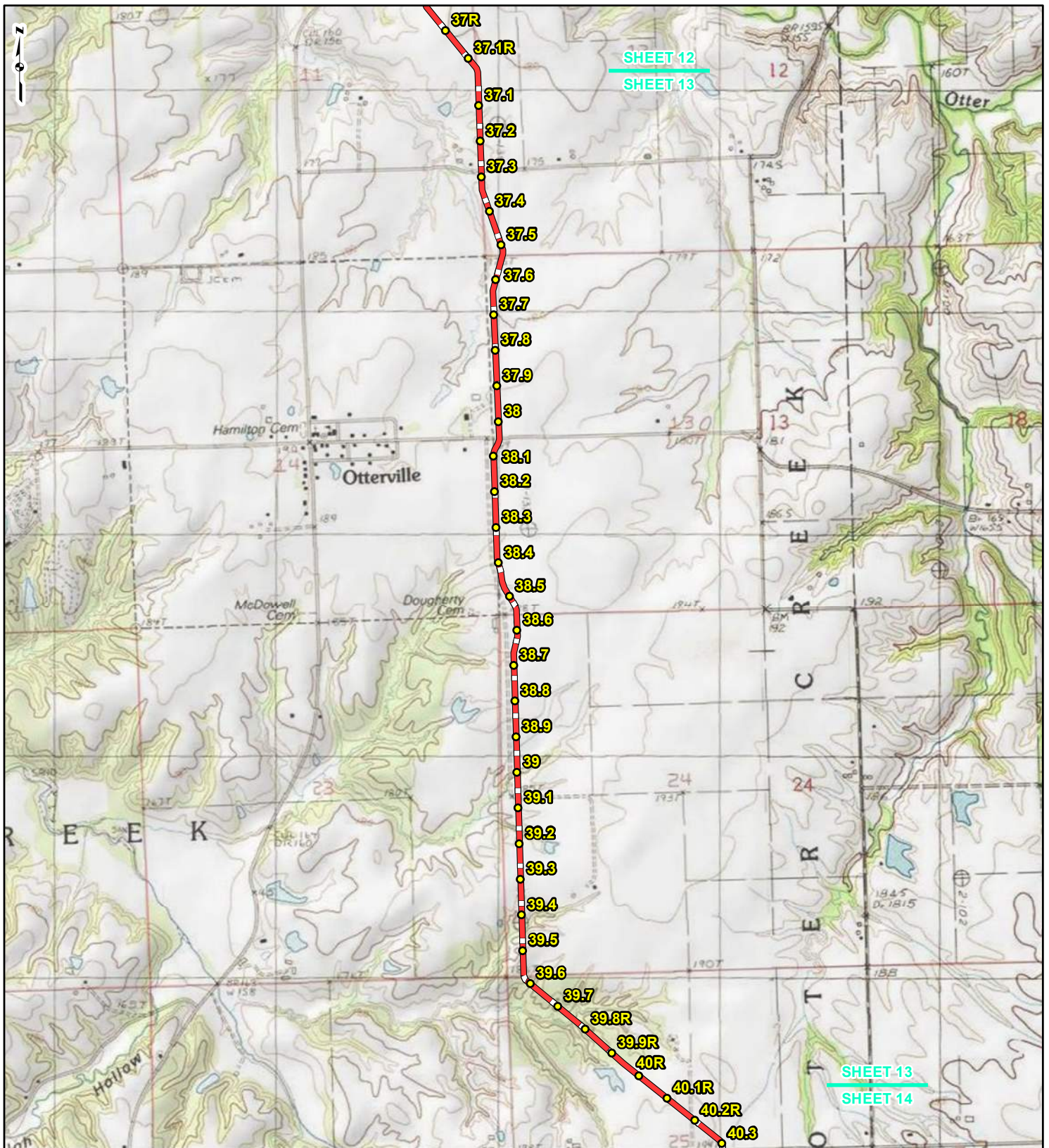
**FIGURE 1  
LOCATION MAP  
SHEET 12 OF 21**

**SPIRE STL  
PIPELINE  
PROJECT**

DRAWN BY: PMH      DATE: 3/28/2017  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLORISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE MILEPOST	— NORTH COUNTY EXTENSION
● NORTH COUNTY EXTENSION MILEPOST	▭ COUNTY BOUNDARY
	▭ STATE BOUNDARY

0 1,000 2,000 4,000 Feet

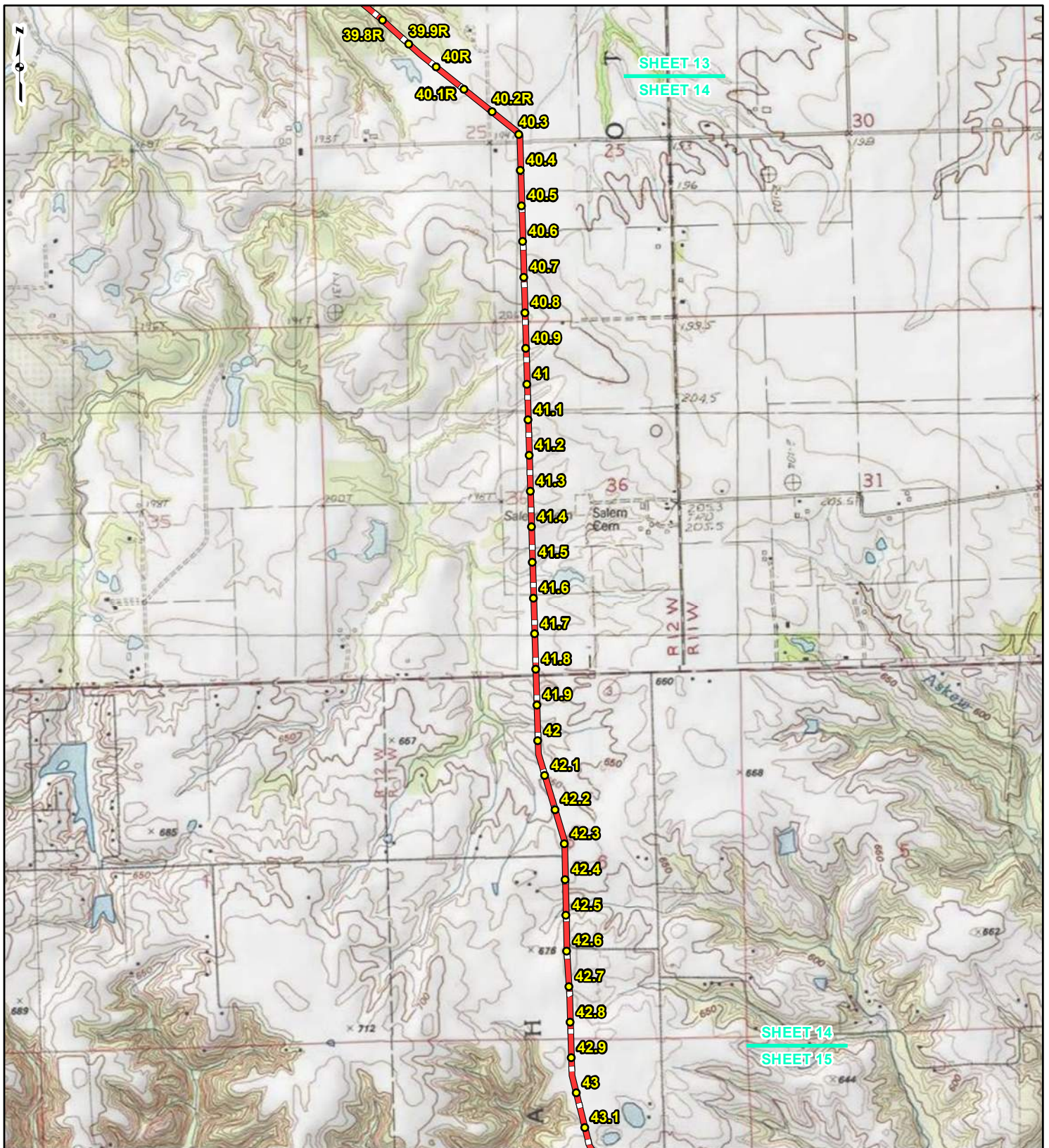
**FIGURE 1  
LOCATION MAP  
SHEET 13 OF 21**

**SPIRE STL PIPELINE PROJECT**

DRAWN BY: PMH      DATE: 3/28/2017  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLOISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE	— NORTH COUNTY
● MILEPOST	— EXTENSION
— NORTH COUNTY	▭ COUNTY BOUNDARY
● EXTENSION	▭ STATE BOUNDARY
● MILEPOST	

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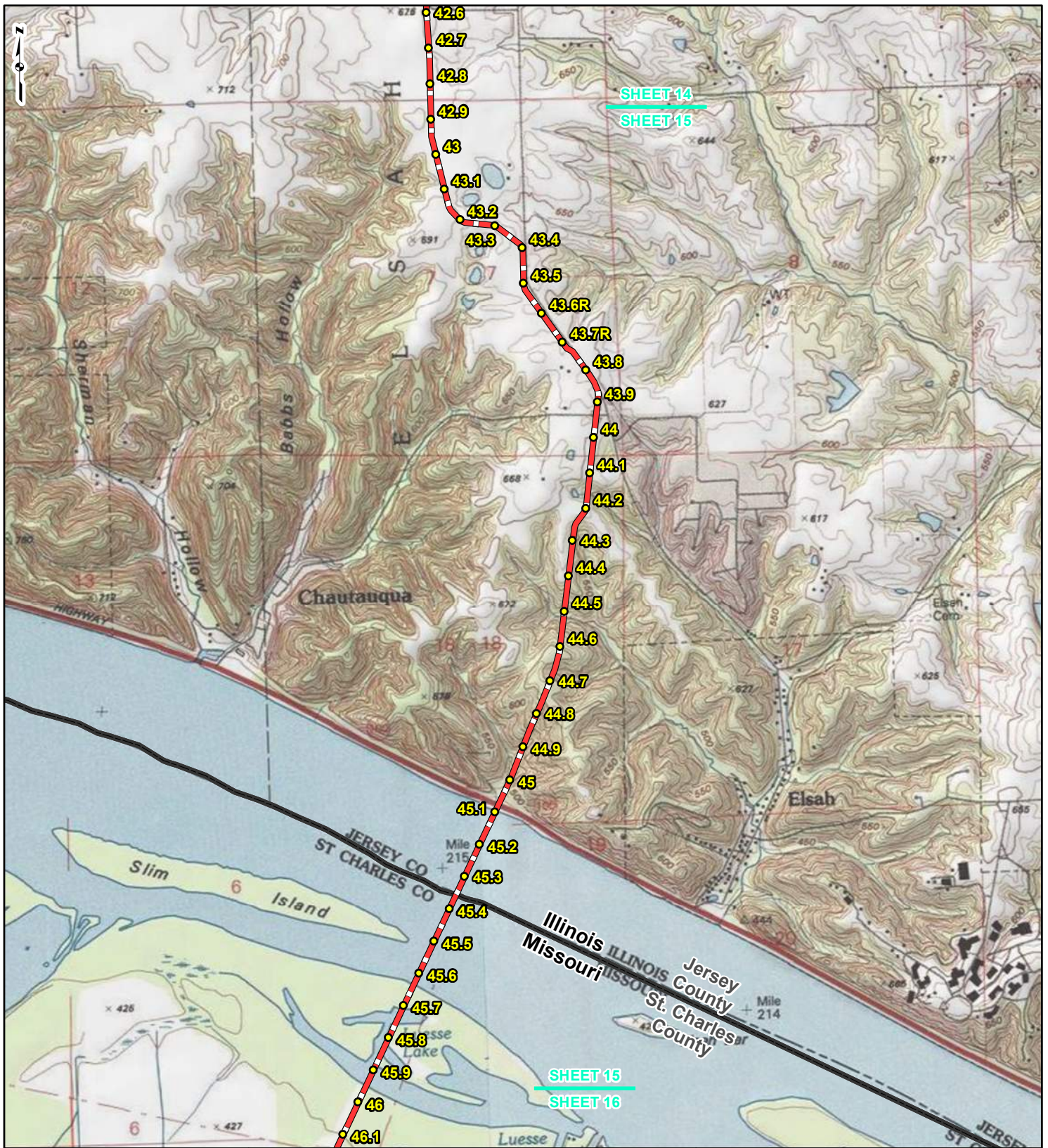
**FIGURE 1**  
**LOCATION MAP**  
**SHEET 14 OF 21**

**SPIRE STL**  
**PIPELINE**  
**PROJECT**

DRAWN BY: PMH      DATE: 3/28/2017  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLOISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

- PROPOSED FACILITIES
- 24-INCH PIPELINE NORTH COUNTY
- MILEPOST
- NORTH COUNTY EXTENSION
- EXTENSION MILEPOST
- ▬ 24-INCH PIPELINE NORTH COUNTY EXTENSION
- ▭ COUNTY BOUNDARY
- ▭ STATE BOUNDARY

0 1,000 2,000 4,000 Feet

**FIGURE 1**  
**LOCATION MAP**  
**SHEET 15 OF 21**

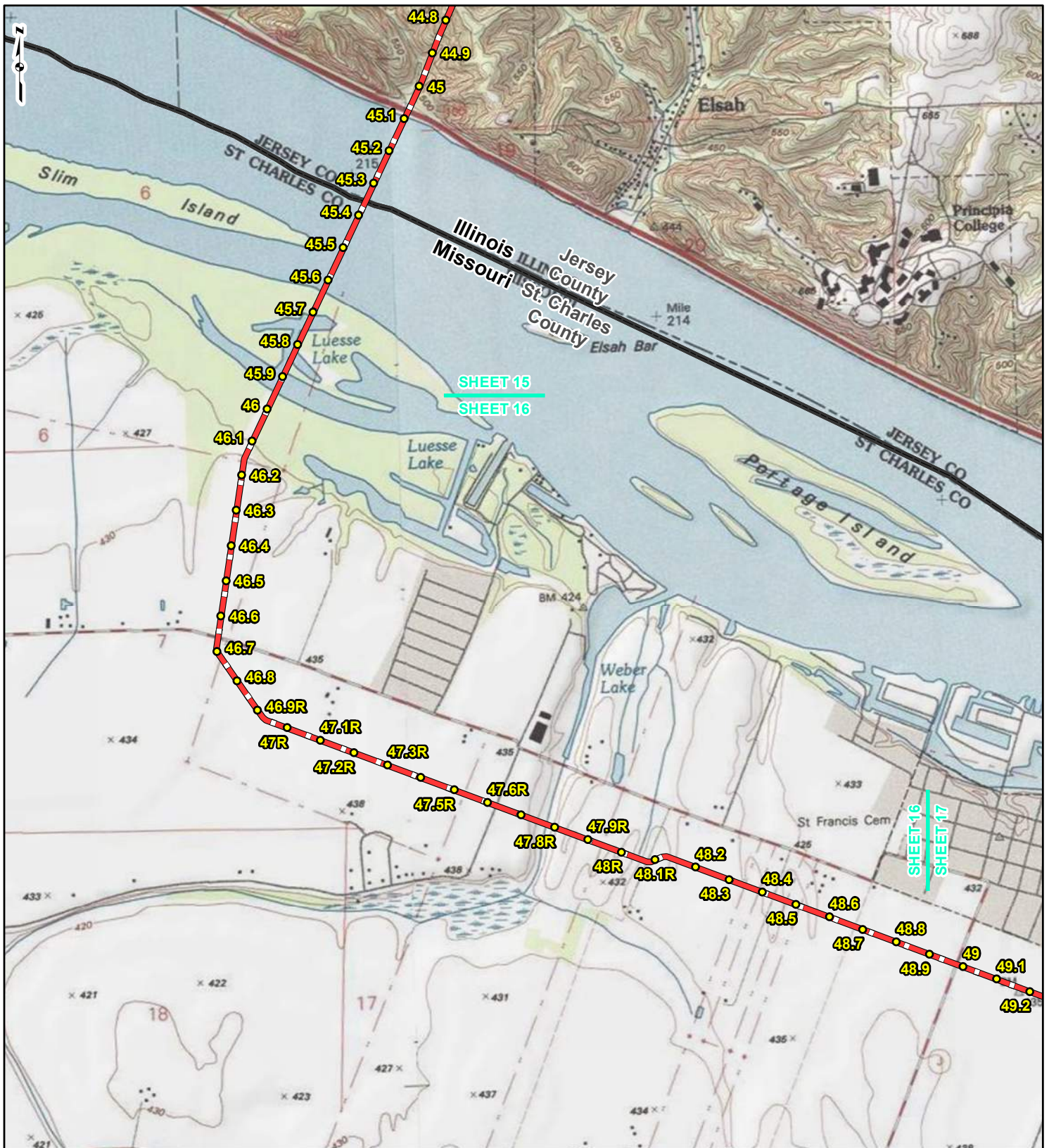
**SPIRE STL PIPELINE PROJECT**

gai consultants **spire**

DRAWN BY: PMH DATE: 3/28/2017  
CHECKED: SWW APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLORISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





SHEET 15  
SHEET 16

SHEET 16  
SHEET 17



**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE	— NORTH COUNTY
● MILEPOST	— EXTENSION
— NORTH COUNTY	▭ COUNTY BOUNDARY
● EXTENSION	▭ STATE BOUNDARY
● MILEPOST	

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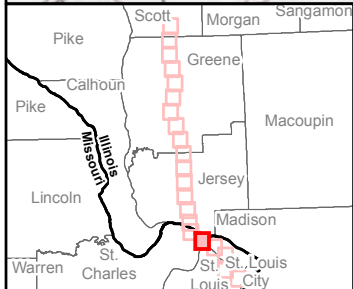
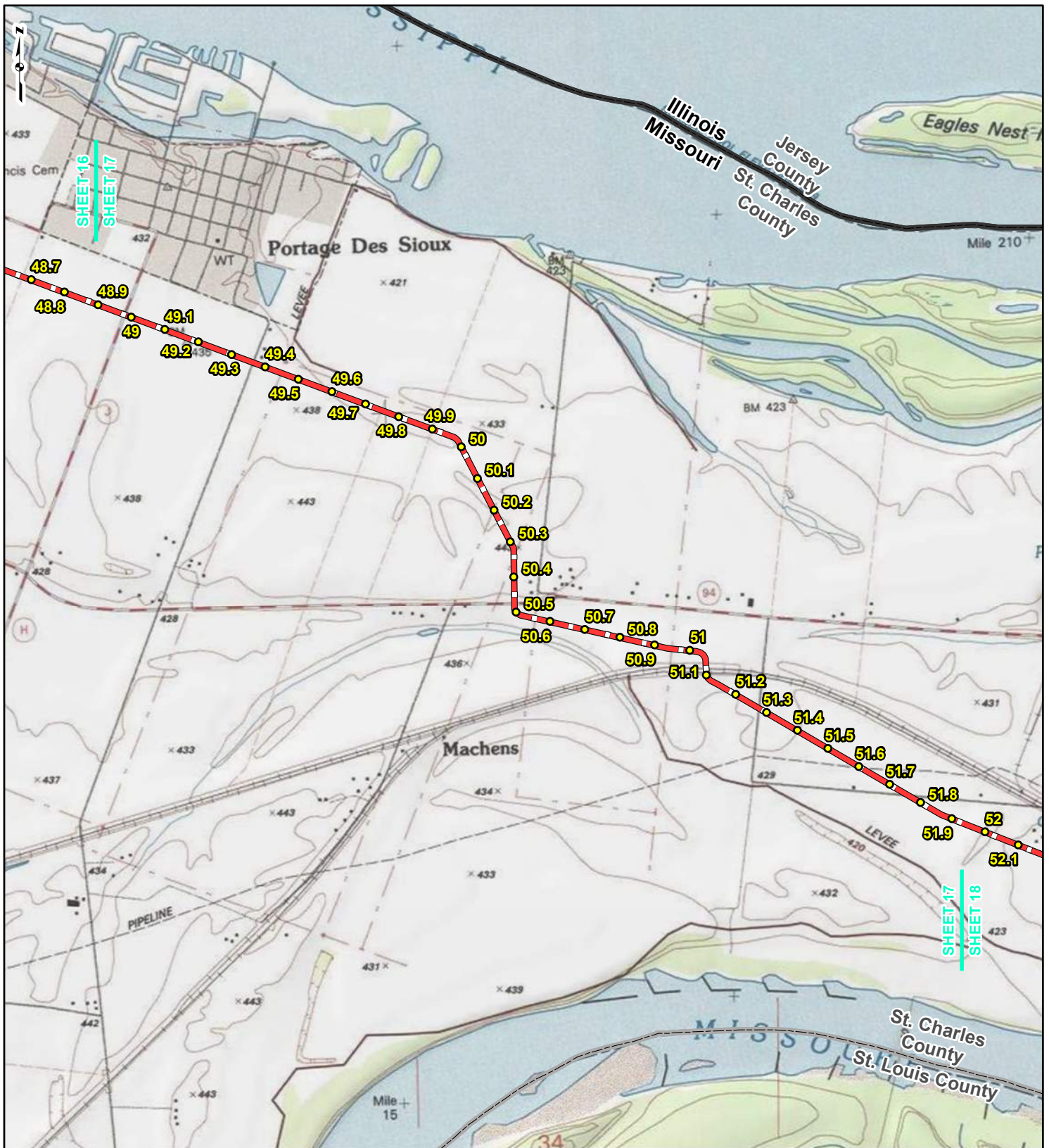
**FIGURE 1  
LOCATION MAP  
SHEET 16 OF 21**

**SPIRE STL  
PIPELINE  
PROJECT**

DRAWN BY: PMH	DATE: 3/28/2017
CHECKED: SWW	APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLOISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE	— NORTH COUNTY
● MILEPOST	— EXTENSION
● NORTH COUNTY	▭ COUNTY BOUNDARY
● EXTENSION	▭ STATE BOUNDARY
● MILEPOST	

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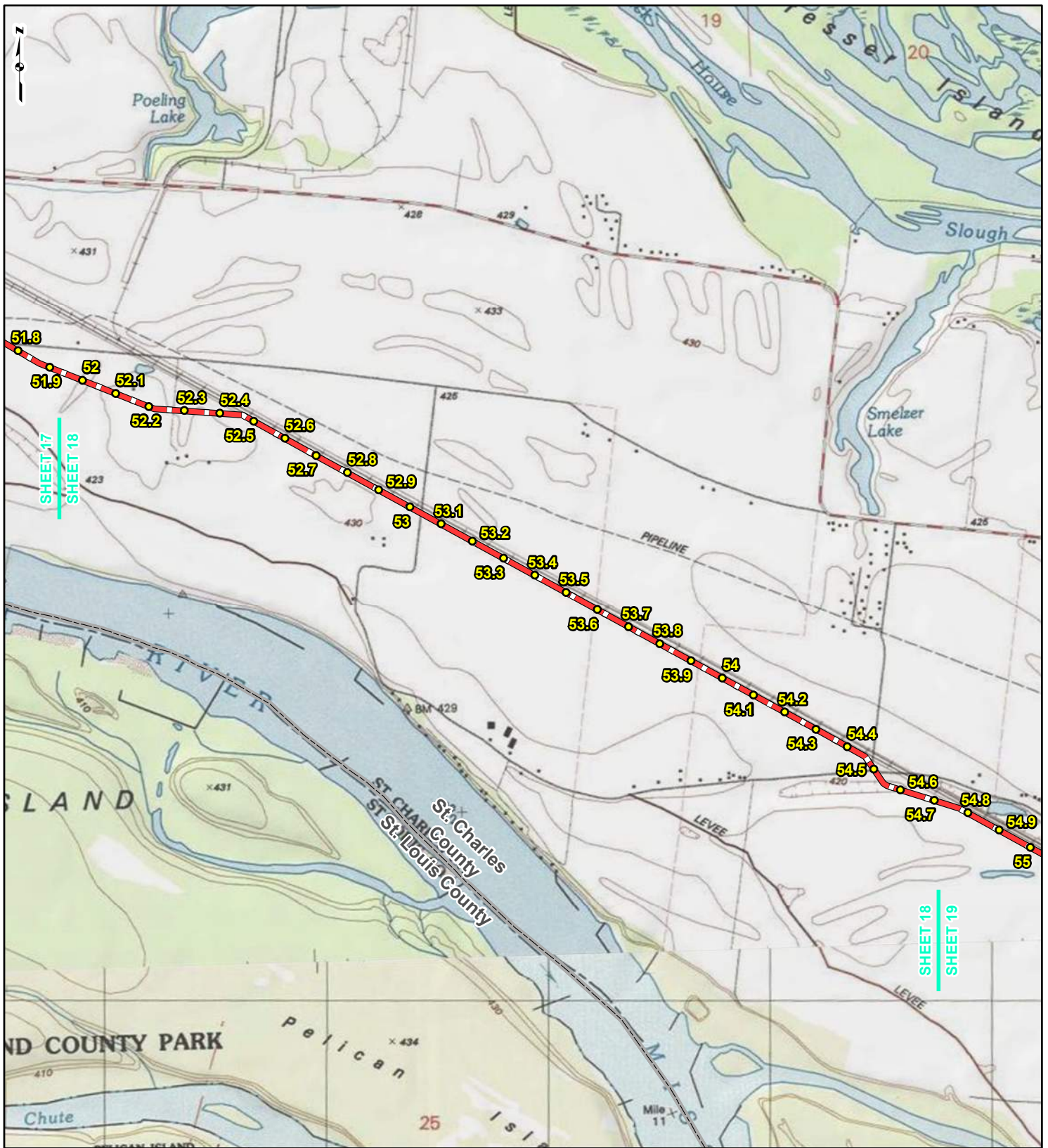
**FIGURE 1**  
**LOCATION MAP**  
**SHEET 17 OF 21**

**SPIRE STL**  
**PIPELINE**  
**PROJECT**

DRAWN BY: PMH      DATE: 3/28/2017  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLORISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE MILEPOST	— NORTH COUNTY EXTENSION
● NORTH COUNTY EXTENSION MILEPOST	▭ COUNTY BOUNDARY
● STATE BOUNDARY	▭ STATE BOUNDARY

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Feet

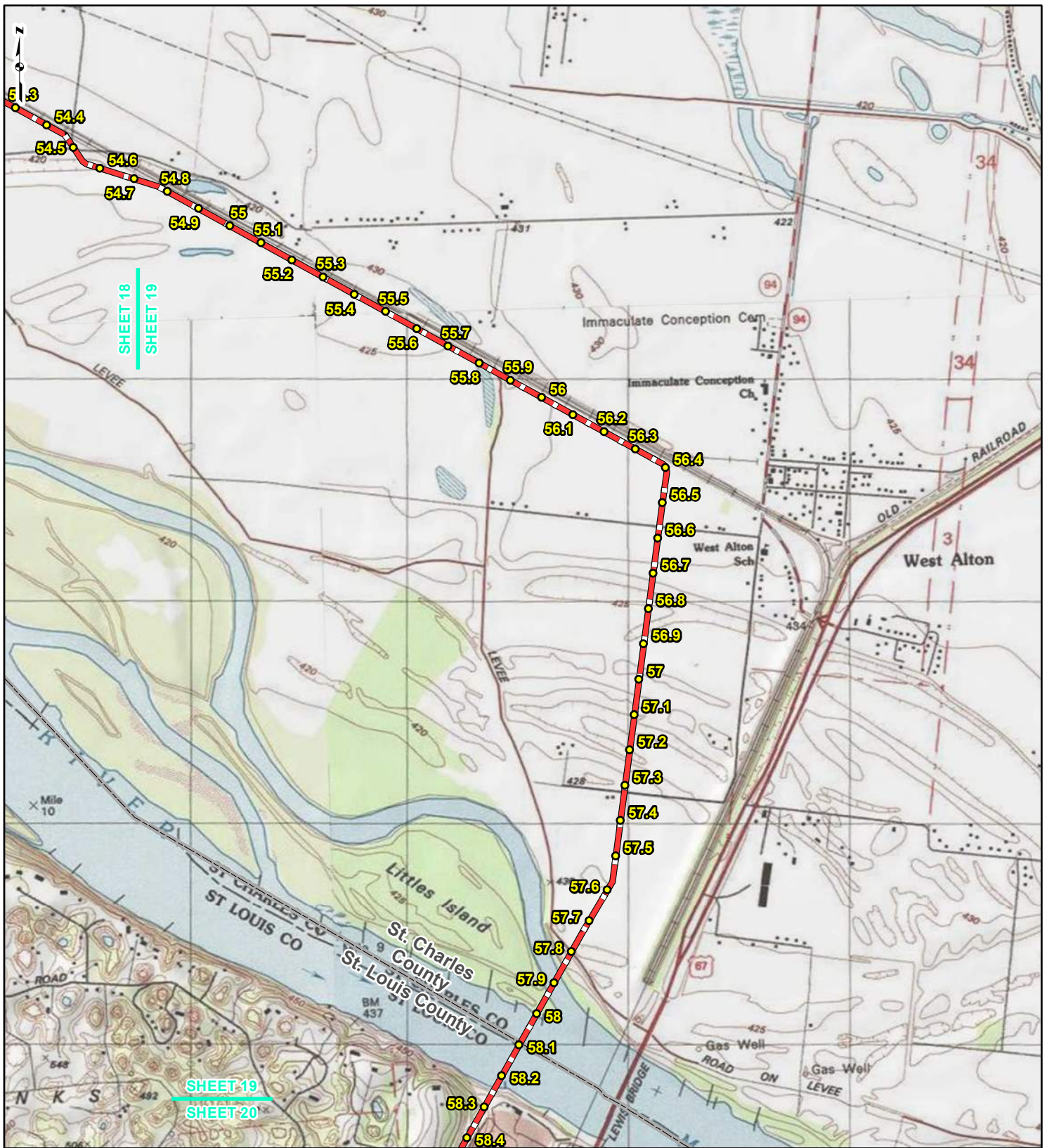
**FIGURE 1  
LOCATION MAP  
SHEET 18 OF 21**

**SPIRE STL  
PIPELINE  
PROJECT**

DRAWN BY: PMH	DATE: 3/28/2017
CHECKED: SWW	APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLOISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE
● 24-INCH PIPELINE	— NORTH COUNTY
● MILEPOST	— EXTENSION
— NORTH COUNTY	▭ COUNTY BOUNDARY
● EXTENSION	▭ STATE BOUNDARY
● MILEPOST	

0    1,000    2,000    4,000  
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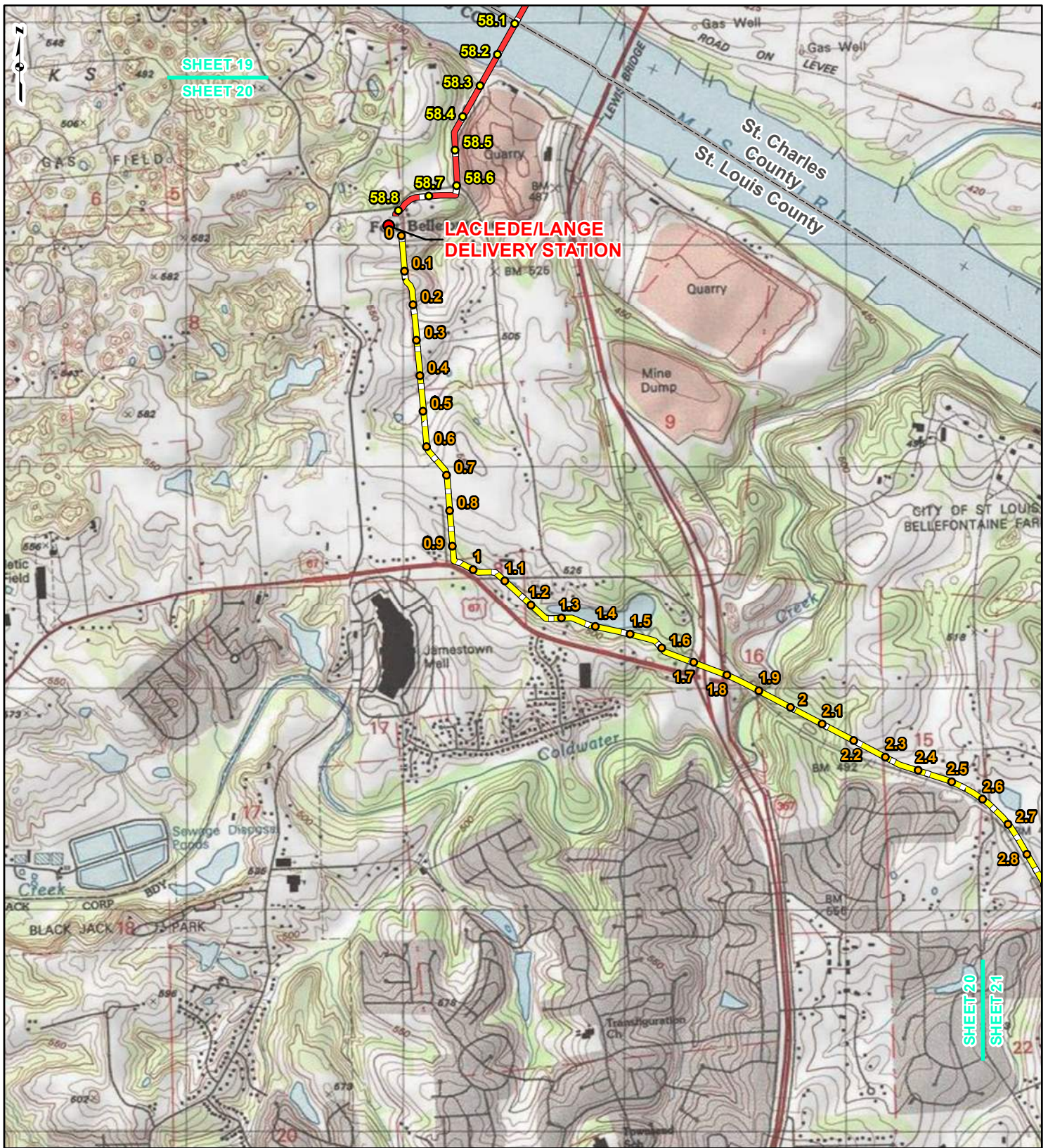
**FIGURE 1**  
**LOCATION MAP**  
**SHEET 19 OF 21**

**SPIRE STL PIPELINE PROJECT**

DRAWN BY: PMH      DATE: 3/28/2017  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLOISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





SHEET 19  
SHEET 20

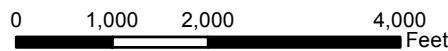
**LACLEDE/LANGE  
DELIVERY STATION**

SHEET 20  
SHEET 21



**LEGEND**

- PROPOSED FACILITIES
- 24-INCH PIPELINE MILEPOST
- NORTH COUNTY EXTENSION MILEPOST
- 24-INCH PIPELINE NORTH COUNTY
- EXTENSION
- ▭ COUNTY BOUNDARY
- ▭ STATE BOUNDARY



**FIGURE 1  
LOCATION MAP  
SHEET 20 OF 21**

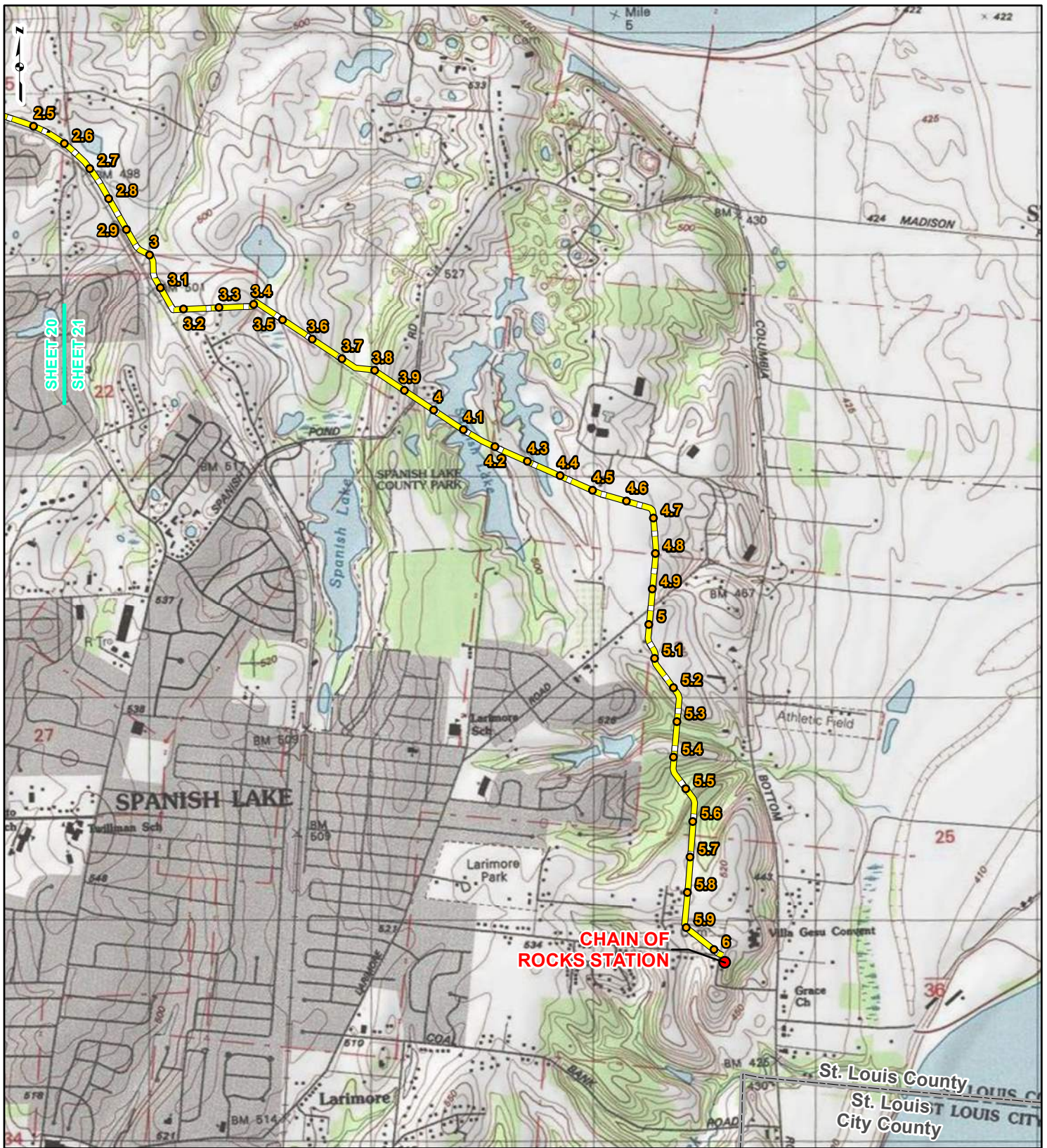
**SPIRE STL  
PIPELINE  
PROJECT**



DRAWN BY: PMH      DATE: 3/28/2017  
CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ELSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLORISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.





**LEGEND**

● PROPOSED FACILITIES	— 24-INCH PIPELINE NORTH COUNTY
● 24-INCH PIPELINE EXTENSION	— 24-INCH PIPELINE EXTENSION
● NORTH COUNTY MILEPOST	▭ COUNTY BOUNDARY
● EXTENSION MILEPOST	▭ STATE BOUNDARY

0    1,000    2,000    4,000 Feet

**FIGURE 1  
LOCATION MAP  
SHEET 21 OF 21**

**SPIRE STL  
PIPELINE  
PROJECT**

DRAWN BY: PMH      DATE: 3/28/2017  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLORISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 03/2017.



## Ali Trunzo

---

**Subject:** RE: Spire STL Pipeline

**From:** Helm, Linda [[mailto:linda\\_helm@nps.gov](mailto:linda_helm@nps.gov)]

**Sent:** Wednesday, March 15, 2017 8:27 AM

**To:** Lori Ferry <[L.Ferry@gaiconsultants.com](mailto:L.Ferry@gaiconsultants.com)>

**Subject:** Spire STL Pipeline

Lori - Thank you for your detailed letter in response to our comment letter regarding the above-entitled project. Attached is our response to your letter.

--

**Linda S. Helm, JD**

Environmental Protection Specialist

Lewis and Clark NHT

601 Riverfront Drive

Omaha, NE 68102

(402) 661-1812

[linda\\_helm@nps.gov](mailto:linda_helm@nps.gov)

*The world will not be destroyed by those who do evil,  
but by those who watch them without doing anything.*

Albert Einstein

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United States Department of the Interior  
National Park Service  
Lewis and Clark National Historic Trail  
601 Riverfront Drive  
Omaha, Nebraska 68102-4226



OFFICIAL CORRESPONDENCE SENT VIA ELECTRONIC MAIL

NO HARD COPY TO FOLLOW

March 13, 2017

Lori Ferry  
Environmental Manager  
GAI Consultants, Inc. -- Chicago Office  
1444 Farnsworth Avenue, Suite 303  
Aurora, ILL 60505

Dear Ms. Ferry:

We are in receipt of your March 10, 2017, letter which was in response to our comment letter dated February 16, 2017.

The staff of the Lewis and Clark National Historic Trail appreciates the additional information you have provided in your letter. Based on that information, we have no further comments.

Sincerely,

Mark Weekley  
Superintendent



## Ali Trunzo

---

**From:** Lori Ferry  
**Sent:** Friday, March 10, 2017 5:11 PM  
**To:** Ali Trunzo  
**Subject:** FW: Spire STL Pipeline-Lewis and Clark National Historic Trail  
**Attachments:** SPIRE\_STL\_PIPELINE\_PROJECT\_FERC\_APPLICATION.KMZ; 3-10-17 Spire STL Pipeline\_Lewis NHT.pdf

---

**From:** Lori Ferry  
**Sent:** Friday, March 10, 2017 4:10 PM  
**To:** 'dan\_wiley@nps.gov' <dan\_wiley@nps.gov>  
**Cc:** Tiffany Anders <T.Anders@gaiconsultants.com>; Douglas Sipe <dsipe@mdmcorp.com>  
**Subject:** Spire STL Pipeline-Lewis and Clark National Historic Trail

Hi Mr. Wiley

I have attached Spire's letter in response to a letter dated February 16, 2017 from the NPS and received on FERC Docket No. CP17-40-000 on March 7, 2017.





Within the letter you will find a project description (as filed in the Project's FERC Certificate Application on January 26, 2017), project mapping and viewshed photos of the Project's crossing of the Lewis and Clark National Historic Trail at the Missouri River. As requested, I have also attached a KMZ file depicting the Project's facilities and associated workspaces.

Please review this information and provide any additional comments or concerns the NPS may have regarding this crossing.

Thank you for your attention and participation in this Project.

Sincerely,  
Lori Ferry

**Lori Ferry**  
Environmental Manager-Energy Business Unit

**GAI Consultants**  
Chicago Office | 1444 Farnsworth Avenue, Suite 303 Aurora, Illinois 60505  
T 331.301.2002 M 630.605.5255 | [gaiconsultants.com](http://gaiconsultants.com) |      
[l.ferry@gaiconsultants.com](mailto:l.ferry@gaiconsultants.com)

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March 10, 2017

Mr. Dan Wiley  
Acting Superintendent  
National Park Service  
Lewis and Clark National Historic Trail  
601 Riverfront Drive  
Omaha, NE 68102-4226

**Re: Lewis and Clark National Historic Trail  
Spire STL Pipeline LLC  
Spire STL Pipeline  
St. Louis and St. Charles Counties, MO**

Dear Mr. Wiley:

GAI Consultants, Inc. ("GAI") is submitting this information request on behalf of Spire STL Pipeline LLC ("Spire"), for the Spire STL Pipeline ("Project") in Scott, Jersey, and Greene Counties, Illinois, and St. Charles and St. Louis Counties, Missouri. The proposed Project will consist of approximately 59 miles of new, greenfield, 24-inch diameter steel pipeline (referred to as the "24-inch pipeline" portion of the Project) originating at an interconnection with the Rockies Express Pipeline LLC ("REX") pipeline in Scott County, Illinois; extending down through Greene and Jersey Counties in Illinois before crossing the Mississippi River and extending east in St. Charles County, Missouri. The 24-inch pipeline then crosses the Missouri River and ties into an existing pipeline in St. Louis County, Missouri that is currently owned and operated by Laclede Gas Company ("LGC") (referred to as "Line 880"). As part of the proposed Project and subject to LGC's receipt of approval from the Missouri Public Service Commission ("MPSC"), Spire is proposing to purchase Line 880 from LGC and modify the pipeline before placing it into interstate service. Line 880 consists of approximately seven miles of existing 20-inch diameter steel natural gas pipeline located in St. Louis County, Missouri that will connect the 24-inch pipeline part of the Project to the Enable Mississippi River Transmission, LLC ("Enable MRT") pipeline along the western bank of the Mississippi River in St. Louis County, Missouri at the terminus of the Project. The total length of the Project pipelines will be approximately 66 miles. The overall design capacity of the Project pipeline is expected to be 400,000 dekatherms per day ("Dth/d"). No compression will be required. The Project will also include the construction of three new metering and regulating ("M&R") station interconnects with REX in Illinois and LGC and Enable MRT in Missouri and the construction of a new facility at an existing LGC site along Line 880. Spire's proposed Project facility files have been sent to you via email in conjunction with this letter.

Spire understands the concerns indicated in a letter dated February 16, 2017 from the National Park Service to the Federal Energy Regulatory Commission. In response, GAI is submitting further information to address these concerns for potential impacts to visual resources associated with the Lewis and Clark National Historic Trail ("the Trail") route and Auto Tour route.

Spire reviewed the Trail route (essentially the Missouri River) as well as Lewis and Clark historic destinations in the vicinity of the Project area, including those in St. Louis and St. Charles Counties, Missouri, and those just east of the Missouri River in Illinois. Spire's proposed crossing of the Missouri River will be completed by horizontal directional drill ("HDD"). As displayed on the attached figure, HDD workspaces are located north and south of the river. Temporary construction within these



workspaces would be partially visible from the river for the duration of construction activities at the river crossing. Construction of the Project is proposed to commence in January 2018. Construction at the Missouri River is anticipated to commence in May 2018.

HDD workspaces are each two acres in size and typically have drill rigs, support vehicles, and pipe fabricators on site during construction. Construction is expected to last approximately 12 weeks at the Missouri River. The tallest piece of construction equipment is about 14 feet tall. After the construction is complete, the temporary workspace areas will be restored to pre-existing conditions to the extent practicable. The view of the HDD site on the north side of the river is obstructed by a treeline and levee. The HDD site south of the river is visible from the river; however, it is within an active quarry site with frequent dump truck access for aggregate materials loading and unloading.

The Project's proposed Laclede/Lange Delivery Station is the nearest aboveground facility to the Trail / Missouri River. The station is 0.5 mile (2,600 feet) from the river and the view is obstructed by forest and the large quarry site. The proposed equipment layout of the facility is provided as an attachment. Current site elevations at the range from approximately 520 feet to 550 feet; during construction the site will be graded to approximately 530 feet. During operation, the tallest facility component will be 15-foot-tall, the stack height on the heaters.

In addition to the river crossing, those historic destinations along the Trail nearest the Project were reviewed for viewshed potential as follows.

The Lewis and Clark Historic Site, Lewis and Clark State Memorial Park, and Confluence Tower are located eight to nine miles east of the Project, on the east side of the Missouri River. View of the Project from these sites are not only at far distances across the river, but also obscured by large forests and treelines lining both sides of the river. Visual impacts are not anticipated during construction or operation of the Project.

The Jefferson National Expansion Memorial in St. Louis, Missouri, and the Cahokia Courthouse State Historic Site in Cahokia, Illinois, are over 10 miles from the Project. The Charbonier Bluff in western St. Louis County is over 7 miles south and west of the Project, and the St. Charles Historic District is St. Charles County is over 13 miles from the Project. No visual impacts would occur during construction or operation of the Project.

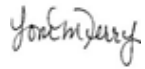
The Great River Road Scenic Byway, a scenic drive bordering the eastern bank of the Mississippi River, on Illinois State Highway 100 / Great River Road is not associated with the Lewis and Clark Historic Trail but may be traveled by those exploring the area. This scenic drive is also crossed by the Project as part of the Project's crossing of the Mississippi River. Spire proposes to cross this scenic byway and the Mississippi River utilize HDD techniques. Similarly to the Missouri River HDD, individuals utilizing Illinois State Highway 100 / Great River Road would temporarily see two, 2-acre construction workspaces on either side of the river with drill rigs, support vehicles, and pipe fabricator for the duration of construction. Construction is expected to last approximately 15 weeks at the Mississippi River. The HDD workspace on the north side of the river would require minimal tree clearing; however, the area is located adjacent to an existing pipeline right-of-way and valve site, thus, long-term visual impacts due to clearing are nominal when considering the vast amount of forest along the scenic drive.

In addition to the attached figures displaying these Project locations and related resource topics, viewshed examples are provided to address the viewshed of Trail users at the Missouri River crossing.

If you have any questions regarding this submission, please feel free to contact me at 331.301.2002 or by e-mail at L.Ferry@gaiconsultants.com.

Sincerely,  
**GAI Consultants, Inc.**





Lori Ferry  
Environmental Manager

JLF/jbm

Attachments:

Figure - Project Location Map

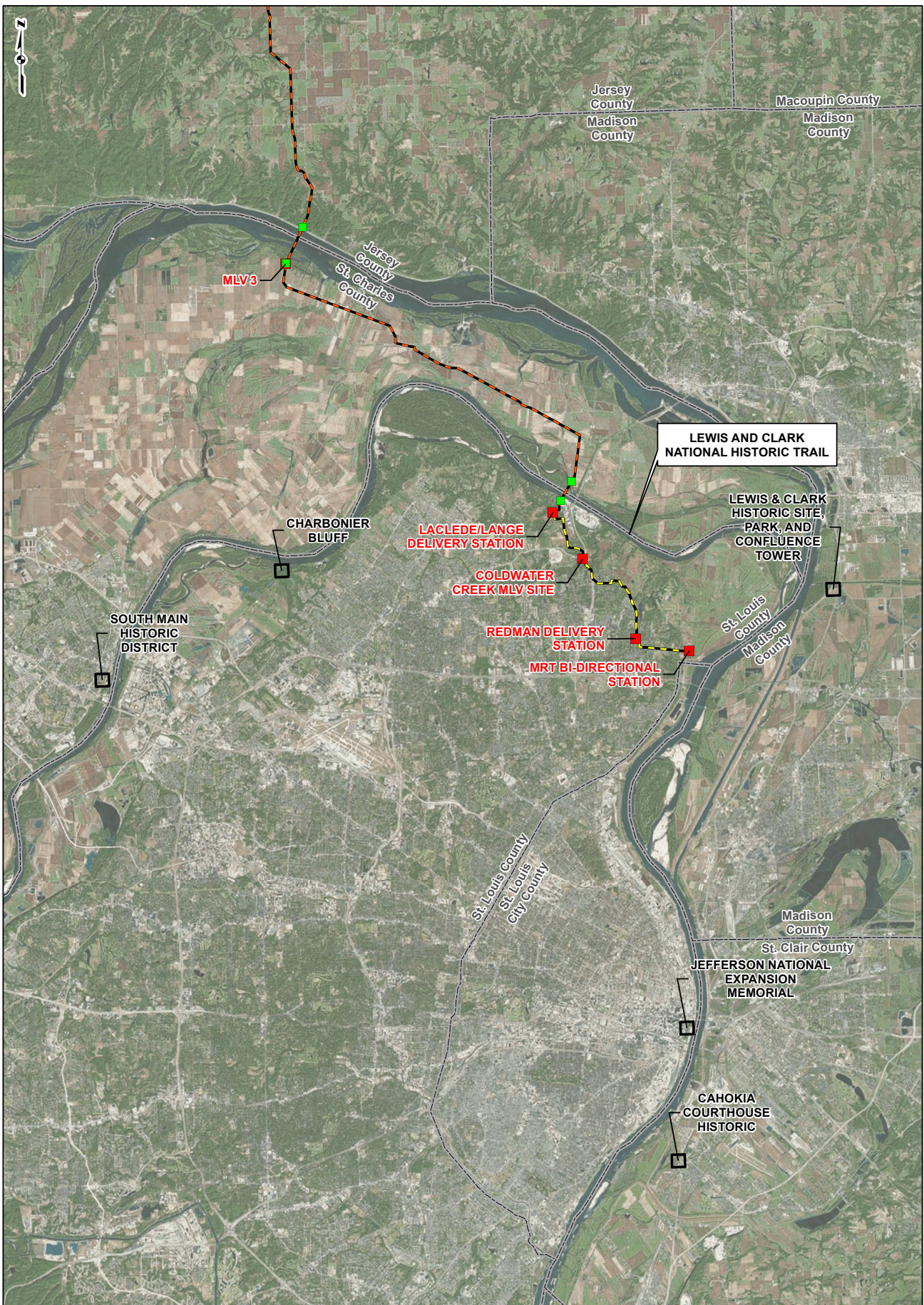
Figure – Site Facility Layout-Laclede/Lange Station

Viewshed Examples



**FIGURE**  
**PROJECT LOCATION MAP**





PROJECT LOCATION

JERSEY COUNTY, ILLINOIS AND ST. CHARLES AND ST. LOUIS COUNTIES, MISSOURI

REFERENCE: ESRI WORLD IMAGERY AND TRANSPORTATION, NAIP, USDA FSA, 2014, ACCESSED 03/2017.

**DRAFT**

**LEGEND**

- HDD LOCATION
- FACILITY
- 24-INCH PIPELINE
- LINE 880 MODIFICATIONS
- LEWIS AND CLARK DESTINATION
- COUNTY BOUNDARY

0 1.25 2.5 5 Miles

PROJECT LOCATION MAP

DRAWN BY: PMH DATE: 3/9/2017  
 CHECKED: APPROVED:



**FIGURE**  
**SITE FACILITY LAYOUT-LACLEDE/LANGE STATION**

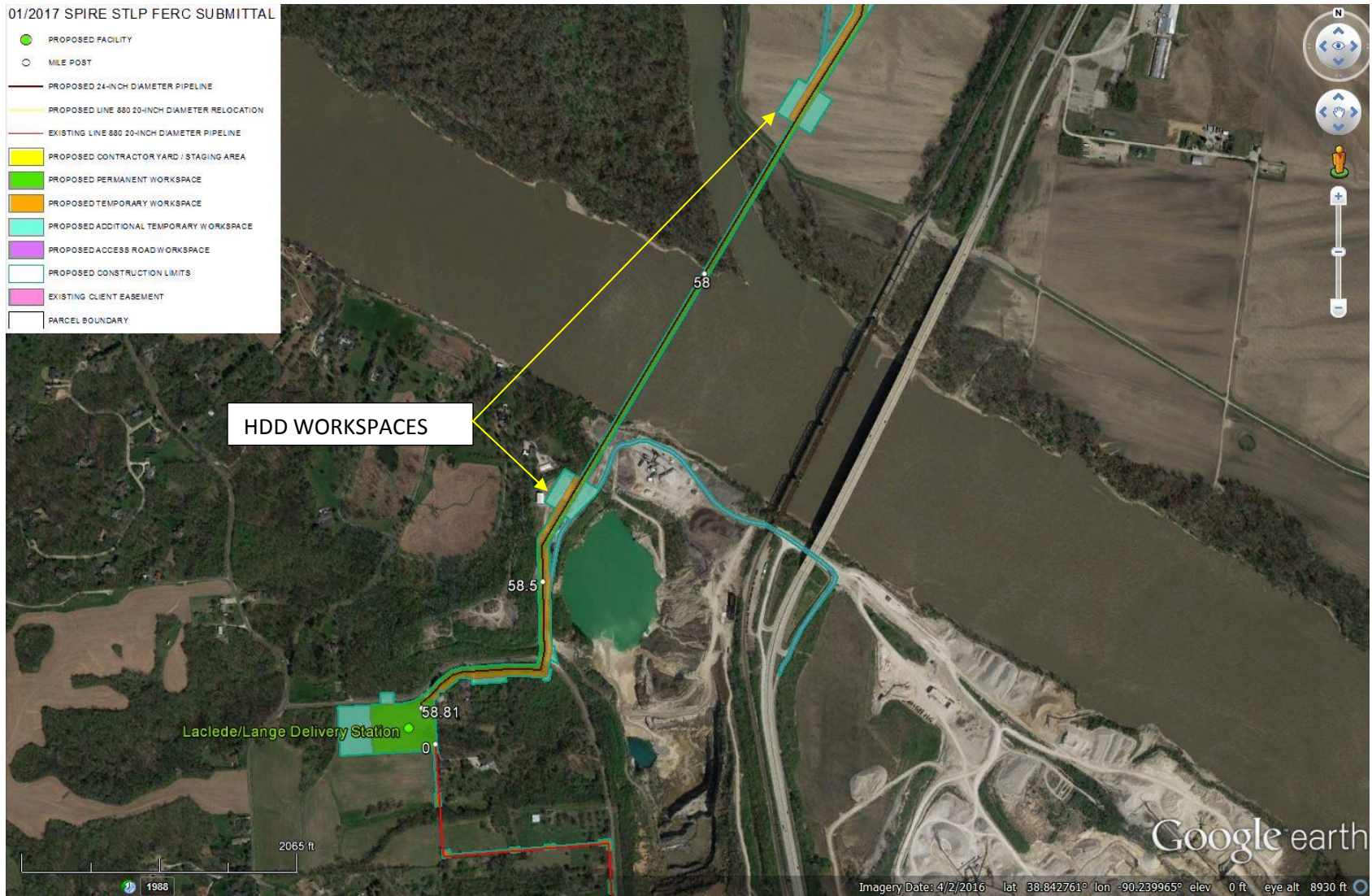






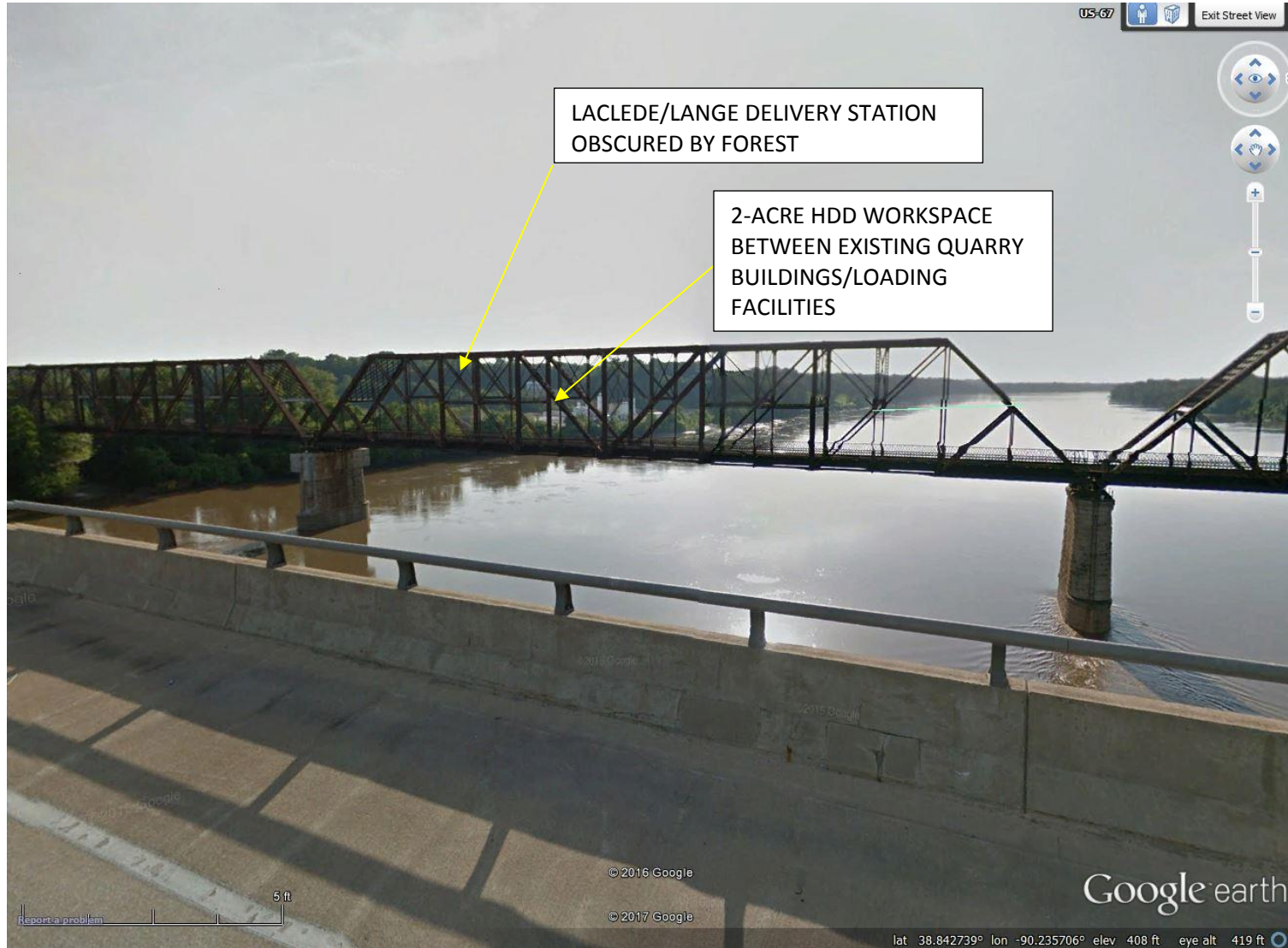
March 10, 2017  
Project E160438.00

**ATTACHMENT**  
**VIEWSHED EXAMPLES**



**OVERVIEW 1: Missouri River HDD Crossing.** Photo source: Google Earth imagery 2016.





**VIEWSHED 1: Missouri River Crossing From Highway 67 Bridge Facing Southwest To Quarry Site (HDD Workspace Location) And Laclede/Lange Delivery Station.** Photo source: Google Earth imagery 2016.



**VIEWSHED 2: Missouri River Crossing From Highway 67 Bridge Facing Northwest To HDD Workspace Location.**

Photo source: Google Earth imagery 2016.



## Ali Trunzo

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**From:** Lori Ferry  
**Sent:** Thursday, March 09, 2017 2:22 PM  
**To:** Ali Trunzo  
**Subject:** FW: Spire STL Pipeline

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**From:** Lori Ferry  
**Sent:** Thursday, March 09, 2017 1:22 PM  
**To:** 'dan\_wiley@nps.gov' <dan\_wiley@nps.gov>  
**Subject:** Spire STL Pipeline





Hi Mr. Wiley,

Thanks for speaking with me yesterday regarding the construction of the Spire STL Pipeline Project and the crossing of the Missouri River. We are working on delivering the information you requested for review. I hope to have you something this week.

Until then, I wanted to provide you with my contact information below should you have any questions.

Thanks!  
Lori

**Lori Ferry**  
Environmental Manager-Energy Business Unit

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