



## **Local Agencies and Governments – Scott County, Illinois**

# telephone log



gai consultants

Date: 10/6/16

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Project / Admin. No.: E160438.00

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Call From: Andrea Halfhill

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Company: GAI Consultants

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Phone No.: 412-399-5521

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Call To: Lorrie Koch

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Company: Scott County, Illinois, Assessor's Office

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Phone No.: 217-742-5751

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Subject: Planned Developments

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cc:

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

Andrea Halfhill called the Scott County Assessor's Office. Andrea spoke with Lorrie Koch. Andrea explained that we are looking for information on planned residential and/or commercial subdivisions within 1 mile of the Project for discussion and analysis in our FERC filing. Lorrie explained that it's mostly farmland and that they are not aware of any planned developments in the area.

## Ali Trunzo

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**From:** Andrea Halfhill  
**Sent:** Thursday, September 29, 2016 11:18 AM  
**To:** Ali Trunzo  
**Subject:** FW: FERC Pipeline Project Soil Information Request

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**From:** Mueller, Lance - NRCS-CD, Winchester, IL [<mailto:Lance.Mueller@il.nacdnet.net>]  
**Sent:** Wednesday, September 28, 2016 4:30 PM  
**To:** Andrea Halfhill <[A.Halfhill@gaiconsultants.com](mailto:A.Halfhill@gaiconsultants.com)>  
**Subject:** RE: FERC Pipeline Project Soil Information Request

Andrea,

The Illinois department of ag handles the mitigation agreements. I believe Terry Savko is in charge of those. Scott county itself does not have any specific requirements unless you are impacting a CRP contract and then the landowner will have those seeding requirements as part of their contract. In general all other seeding projects follow the NRCS tech guide. If you need additional information just let me know.

Lance

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**From:** Andrea Halfhill [<mailto:A.Halfhill@gaiconsultants.com>]  
**Sent:** Wednesday, September 28, 2016 12:53 PM  
**To:** Mueller, Lance - NRCS-CD, Winchester, IL <[Lance.Mueller@il.nacdnet.net](mailto:Lance.Mueller@il.nacdnet.net)>  
**Subject:** RE: FERC Pipeline Project Soil Information Request

Hi Lance,

Basically we are just checking in to see if Scott County has any specific recommendations or requirements regarding restoration on agricultural land, soils, etc. In the past we've learned that some states require an ag mitigation plan to be in place before construction of the pipeline.

As part of the FERC process we are checking in with the states as well as counties the project crosses. At a minimum, Spire will be implementing FERC's Upland Erosion Control, Revegetation, and Maintenance Plan, but we wanted to check if there are any specific requirements that Scott County has.

Thanks!

Andrea

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**From:** Mueller, Lance - NRCS-CD, Winchester, IL [<mailto:Lance.Mueller@il.nacdnet.net>]  
**Sent:** Wednesday, September 28, 2016 1:38 PM  
**To:** Andrea Halfhill <[A.Halfhill@gaiconsultants.com](mailto:A.Halfhill@gaiconsultants.com)>  
**Subject:** RE: FERC Pipeline Project Soil Information Request

Andrea,

I did look this over but honestly im not sure what information you are looking for. There are standards that have seeding guidelines for critical area seeding but I would think this is already incorporated into your restoration plans. Maybe im not following your inquiry correctly. If you have specific questions I would be happy to answer them.

Lance

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**From:** Andrea Halfhill [<mailto:A.Halfhill@gaiconsultants.com>]  
**Sent:** Wednesday, September 28, 2016 12:03 PM  
**To:** Mueller, Lance - NRCS-CD, Winchester, IL <[Lance.Mueller@il.nacdnet.net](mailto:Lance.Mueller@il.nacdnet.net)>  
**Subject:** FW: FERC Pipeline Project Soil Information Request

Hi Lance,

I just wanted to follow up with you and see if you had a chance to take a look at this information. We also have shapefiles available that we could send if that would be helpful.

Thank you for your time!

Andrea

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**From:** Andrea Halfhill  
**Sent:** Wednesday, September 07, 2016 2:45 PM  
**To:** 'lance.mueller@il.nacdnet.net' <[lance.mueller@il.nacdnet.net](mailto:lance.mueller@il.nacdnet.net)>  
**Subject:** FERC Pipeline Project Soil Information Request

Good afternoon,

We are researching information on behalf of Spire STL Pipeline LLC, for the Spire STL Pipeline Project as described below. As part of the FERC application, we will be consulting with land management agencies and local soil conservation authorities to request any recommendations you may have for seed mixes, seeding dates, application rates for fertilizer and lime, erosion controls, and noxious weed controls. We are also looking for any specific restoration and/or seeding plans that may be required or recommended by your agency or any requirements for what species and fertilizers should be used on areas disturbed by construction to generate growth.

I have attached some preliminary mapping for your use in reviewing the project footprint.

Any information you can pass along is greatly appreciated!

Description of the Project:

Spire STL Pipeline LLC ("Spire"), a wholly owned subsidiary of Spire Inc., is seeking authorization from the Federal Energy Regulatory Commission ("FERC") pursuant to Section 7(c) of the Natural Gas Act to construct and operate the proposed Spire STL Pipeline Project ("Project") located in Scott, Greene, and Jersey Counties, Illinois, and St. Charles and St. Louis Counties, Missouri. The Project as proposed will consist of approximately 57.4 miles of new build 24-inch-diameter steel pipeline (referred to as the "new build" 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 new build then crosses the Mississippi 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, including its appurtenant and ancillary facilities, from LGC and modify the pipeline before placing it in interstate service. Line 880 consists of approximately 7.6 miles of existing 20-inch-diameter steel natural gas pipeline located in St. Louis County, Missouri that will connect the new build 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. The total length of the Project pipelines will

be approximately 65.0 miles. The overall design capacity of the pipeline is expected to be 400,000 dekatherms per day (“Dth/d”). No compression will be required. The Project as proposed will include pipeline interconnects with REX in Illinois and LGC and Enable MRT in Missouri. The Project will also include the construction of minor aboveground facilities.

Thank you,

*Andrea*

**Andrea M. Halfhill, B.A, B.S.**  
Project Environmental Specialist

**GAI Consultants**

6000 Town Center Blvd., Suite 300, Canonsburg, PA 15317

T 724.873.3545 | D 412.399.5521 | M 724.344.0124 | [gaiconsultants.com](http://gaiconsultants.com) |     

*\* Please update your records with my new direct telephone number*



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Spire STL Pipeline LLC  
700 Market Street  
Saint Louis, MO 63101

August 5, 2016

Mr. Lance Mueller  
Resource Conservationist Scott County Soil and Water Conservation District  
656 North Main  
Winchester, IL 62694

Re: Spire STL Pipeline  
FERC Docket No. PF16-9

Dear Mr. Mueller,

At Spire, formerly The Laclede Group, we never stop looking for better ways to provide energy now and for the future. That's why Spire STL Pipeline LLC, a wholly owned subsidiary of Spire Inc., is proposing to develop and construct a new interstate natural gas pipeline that will bring an efficient energy source to southwest Illinois and the St. Louis region. As a member of the community, we want you to be informed about our proposed project and we want you to hear from us first.

We are proposing to construct 60 miles of new build pipeline and upgrade nine miles of existing underground pipeline to further improve reliability and better serve homes and businesses across Illinois and Missouri. The planned route runs through Scott, Greene and Jersey counties in Illinois and St. Charles and St. Louis counties in Missouri.

You are receiving this letter because your property is located on or near our currently proposed route.

Spire STL Pipeline LLC has started the pre-filing application process for developing interstate natural gas pipelines by the Federal Energy Regulatory Commission ("FERC") pursuant to 18 C.F.R. § 157.21. FERC staff recently started a pre-filing environmental review process, which encourages early involvement by citizens, governmental entities and other interested parties. You can find more information about this pre-filing process at [www.ferc.gov](http://www.ferc.gov). You can see all the information about the Spire STL Pipeline using the docket number PF16-9.

Included with this letter, for your information, is a general overview map of the proposed pipeline route and a diagram illustrating the FERC process.

We believe that we can create a better project by hearing from you and listening to your feedback. That's why we are hosting open houses this month so you can learn more about the project and we can learn more about you.

At the open houses, more detailed maps will be available to show where the proposed pipeline may be located relative to your property. We want you to come, ask questions and provide feedback. Representatives of the Federal Energy Regulatory Commission (FERC) will also be there to answer questions about the FERC process for natural gas pipelines.

### Spire STL Pipeline open house schedule

Tuesday August 16, 2016 5 p.m. – 7:30 p.m.	Wednesday August 17, 2016 5 p.m. – 7:30 p.m.	Thursday August 18, 2016 5 p.m.– 7:30 p.m.	Tuesday August 23, 2016 5 p.m.– 7:30 p.m.	Wednesday August 24, 2016 5 p.m. – 7:30 p.m.
<b>Scott County, Illinois</b>	<b>Jersey County, Illinois</b>	<b>St. Louis County, Missouri</b>	<b>St. Charles County, Missouri</b>	<b>Greene County, Illinois</b>
Scott County Fairgrounds 401 North Walnut Winchester, IL 62694	Jerseyville Recreation Center 401 Mound Street Jerseyville, IL 62052	Hazelwood Civic Center East 8969 Dunn Road Hazelwood, MO 63042	American Legion Post 312 2500 Raymond Drive St Charles, MO 63301	Knights of Columbus Hall U.S. HWY 67 Carrollton, IL 62016

Check out more information on our website at [www.SpireSTLPipeline.com](http://www.SpireSTLPipeline.com). If you have any questions, please do not hesitate to contact us toll-free at 1 844-885-7234 or at [STLPipelineInfo@SpireEnergy.com](mailto:STLPipelineInfo@SpireEnergy.com).

We look forward to working with you.

Sincerely,



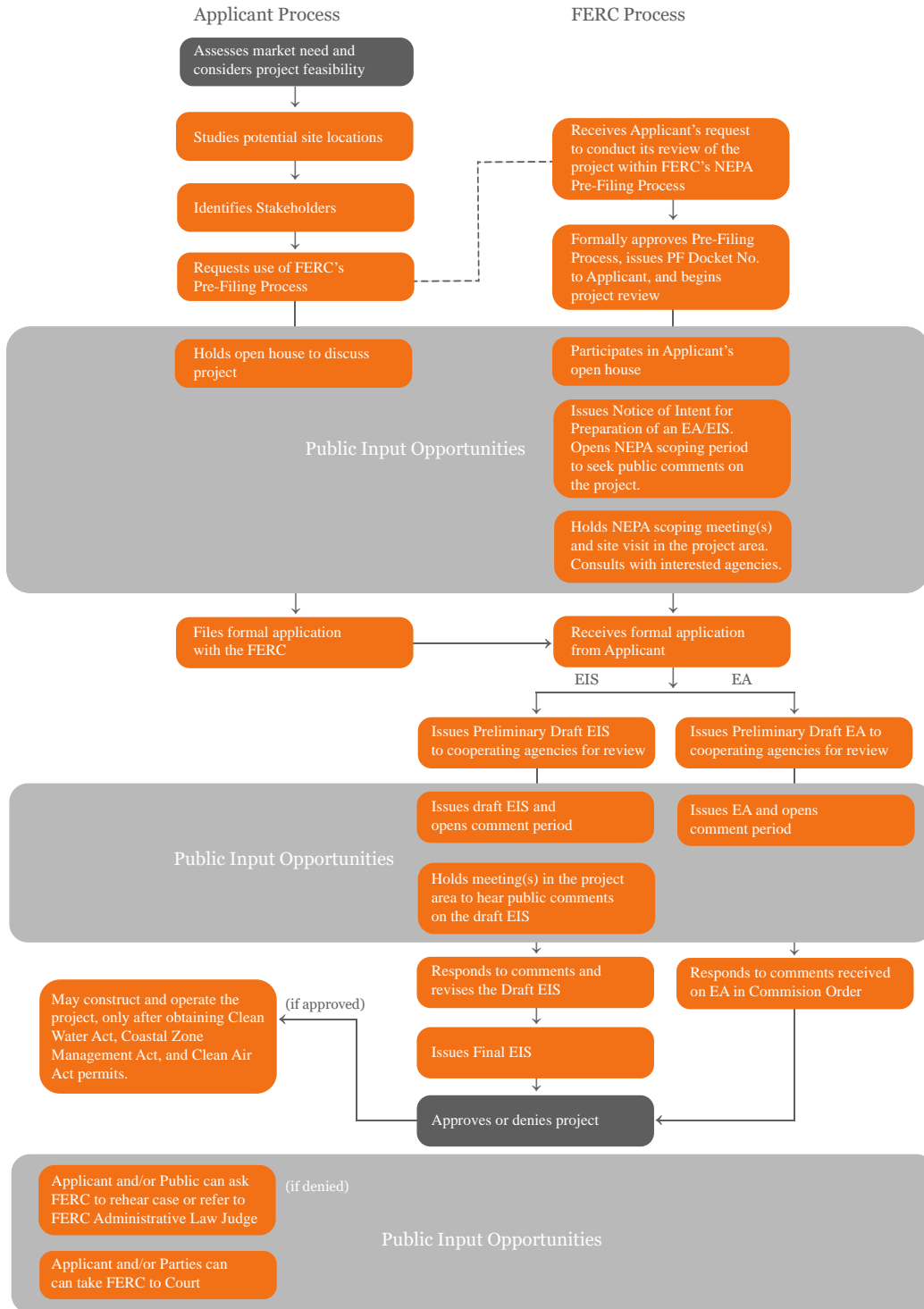
Scott Jaskowiak  
Vice President  
Spire STL Pipeline LLC

Project Map





# FERC Pre-Filing Process





July 29, 2016

Mr. Lance Mueller  
Resource Conservationist  
Scott County Soil and Water Conservation District  
656 North Main  
Winchester, IL 62694

**Re: Notice of Use of Pre-Filing Process  
Spire STL Pipeline  
Scott, Greene, and Jersey Counties, IL  
St. Charles and St. Louis Counties, MO**

Dear Mr. Mueller:

Spire STL Pipeline LLC ("Spire") is in the planning stages of the Spire STL Pipeline ("Project"). As proposed, the Project will serve the energy needs of residential, commercial and industrial customers in the eastern portion of Missouri, including the St. Louis metropolitan area and surrounding counties. The Project as proposed will consist of approximately 60 miles of new build 24-inch diameter steel pipeline (referred to as the "new build" portion of the Project) originating at an interconnection with 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 until crossing the Missouri river and tying into an existing 20-inch diameter steel transmission pipeline in St. Louis County, Missouri that is currently owned and operated by Laclede Gas Company ("LGC") (referred to as "Line 880"). Spire plans to purchase Line 880 from LGC and modify approximately nine miles of existing 20-inch diameter steel natural gas pipeline located in St. Louis County, Missouri that will connect the new build part of the Project to the Enable Mississippi River Transmission, LLC ("MRT") pipeline along the western bank of the Mississippi river in St. Louis County, Missouri. The total length of the entire Project will be approximately 70 miles.

Construction and operation of the proposed Project will be regulated by the Federal Energy Regulatory Commission ("Commission") among other regulatory agencies. Spire intends to utilize the Commission's pre-filing process detailed in Section 157.21 of the Commission's regulations, which allows the Commission and other agencies to initiate National Environmental Policy Act ("NEPA") review prior to Spire filing an application to the Commission. The Commission would need to issue Spire a Certificate of Public Convenience and Necessity to enable construction and operation of the proposed pipeline. The preliminary Project schedule includes the following target dates:

- July 22, 2016 - Commission acceptance into pre-filing; commencement of the NEPA process (pre-filing docket no. PF16-9-000);
- August 2016 (Anticipated) - biological and cultural resource surveys;
- January 2017 (Anticipated) - file final application with Commission;
- August 2017 (Anticipated) - NEPA document published;
- November 2017 (Anticipated) - Commission decision on application; and
- February 2018 (Anticipated) - commence construction activities.

On behalf of Spire, GAI would like to take this opportunity to invite the Scott County Soil and Water Conservation District to participate in the review of this Project as a cooperating agency during the Commission's pre-filing process. We look forward to your involvement in the review of this important Project and appreciate your cooperation.

**Please note the intent of this letter is solely for the purpose of inviting you to participate in the Commission's NEPA pre-filing process. The Commission will also reach out to you requesting your agency to be a cooperating agency. Specific and necessary consultations and/or applicable permit applications will be addressed to you under separate cover.**

If you have any questions or would like additional information, please feel free to contact me at 331.301.2002 or by e-mail at L.Ferry@gaiconsultants.com.

Sincerely,

**GAI Consultants, Inc.**

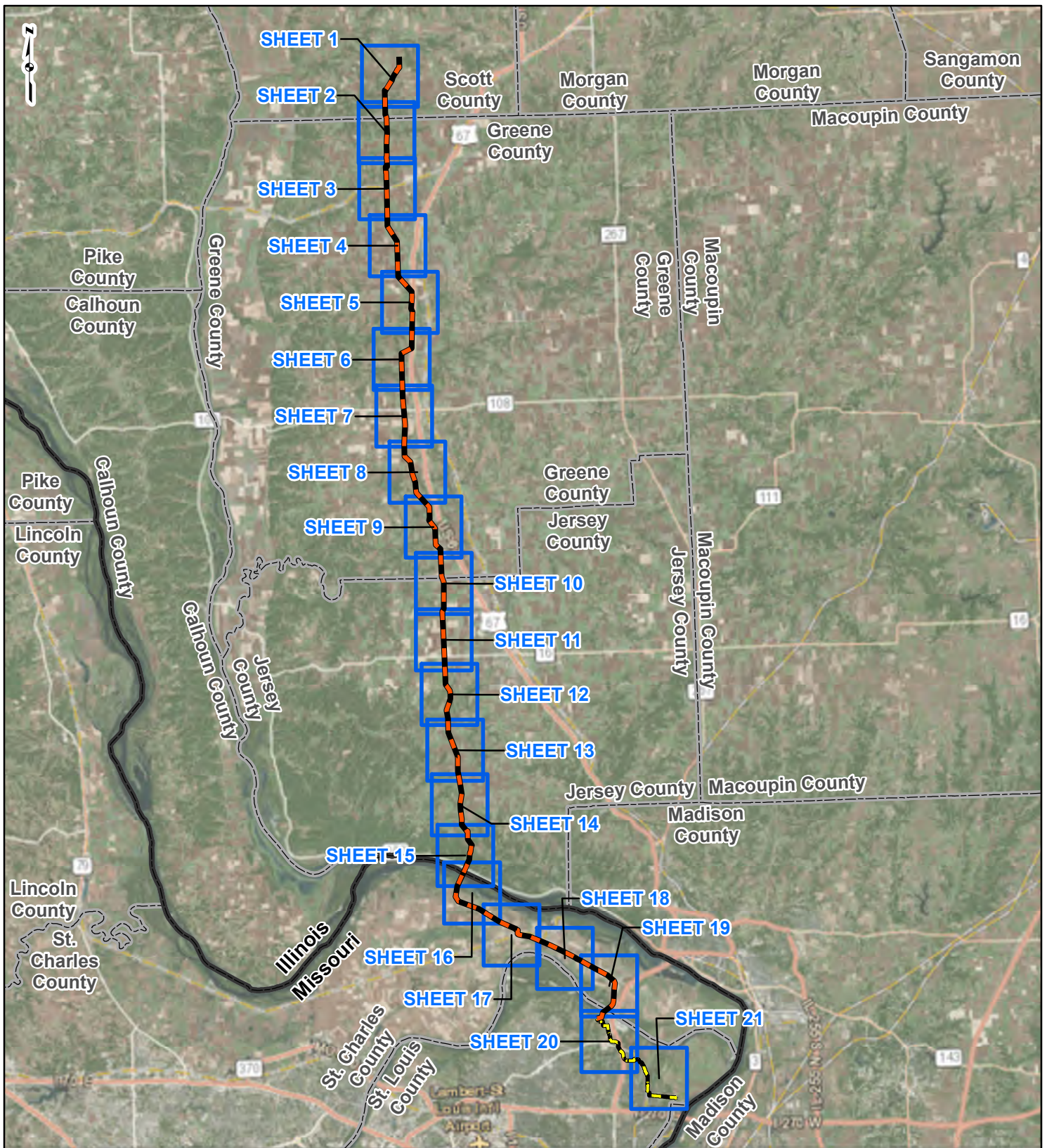
A handwritten signature in black ink that reads "Lori M. Ferry". The signature is written in a cursive, flowing style.

Lori M. Ferry  
Environmental Project Manager

LMF/gmg

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

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



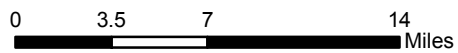
**PROJECT LOCATION**



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

**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- COUNTY BOUNDARY
- STATE BOUNDARY
- SHEET INDEX

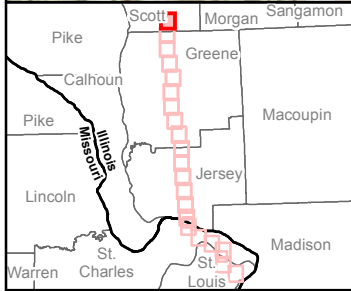
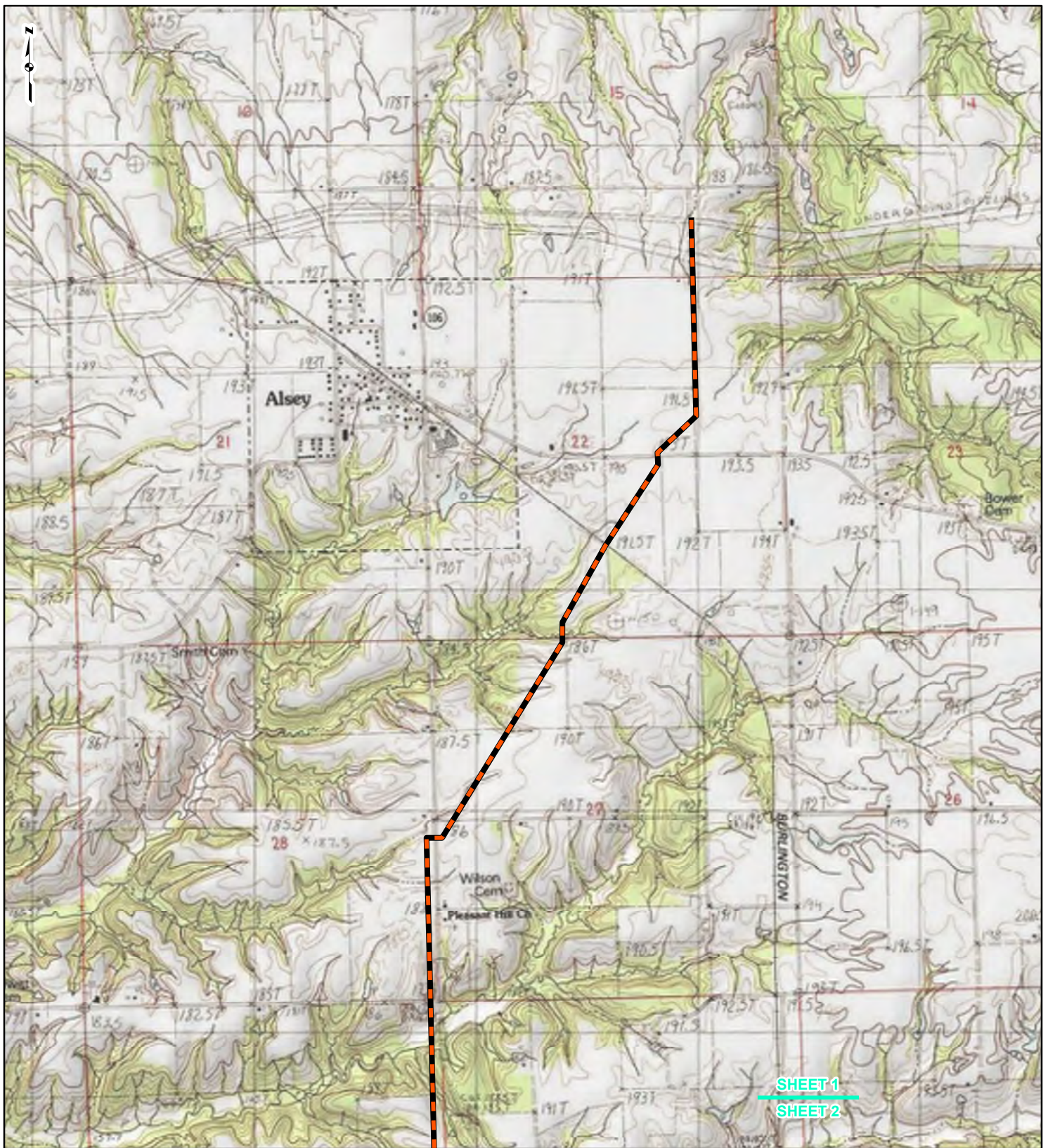


**FIGURE 1  
LOCATION MAP  
SHEET INDEX**



DRAWN BY: PMH      DATE: 7/28/2016  
CHECKED: SWW      APPROVED: LMF

REFERENCE: ESRI WORLD IMAGERY AND TRANSPORTATION, NAIP, USDA FSA, 2015, ACCESSED 07/2016.



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

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

DRAWN BY: PMH      DATE: 7/28/2016  
 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 07/20/16.

SHEET 1  
SHEET 2

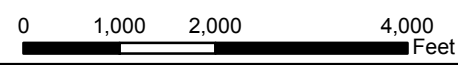


SHEET 2  
SHEET 3



### LEGEND

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

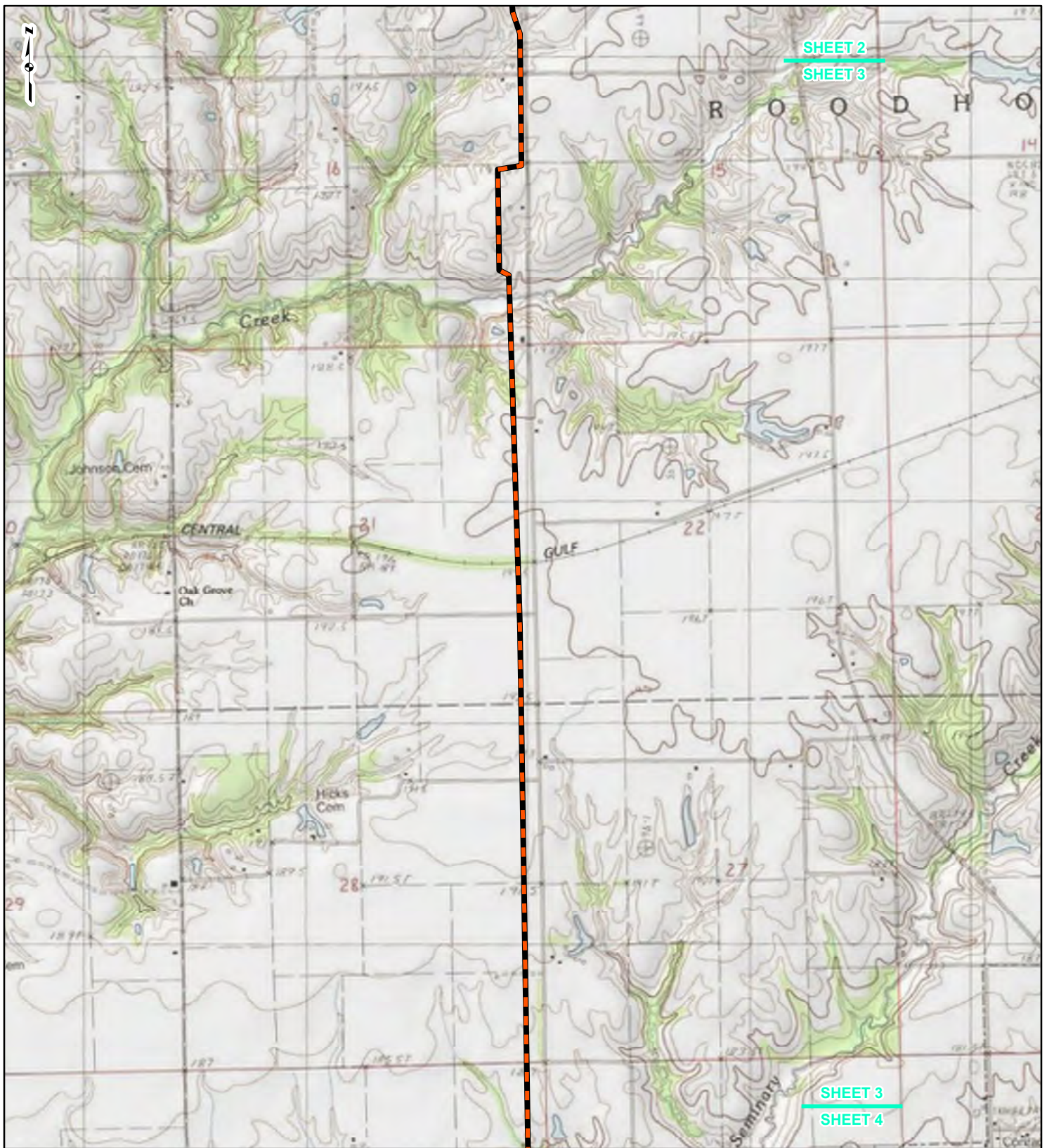


### FIGURE 1 LOCATION MAP SHEET 2 OF 21



DRAWN BY: PMH      DATE: 7/28/2016  
 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 07/2016.



SHEET 2





SHEET 3

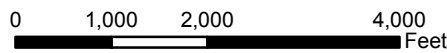
SHEET 3

SHEET 4



**LEGEND**

-  NEW BUILD 24-INCH DIAMETER PIPELINE
-  LINE 880 MODIFICATIONS
-  STATE BOUNDARY
-  COUNTY BOUNDARY



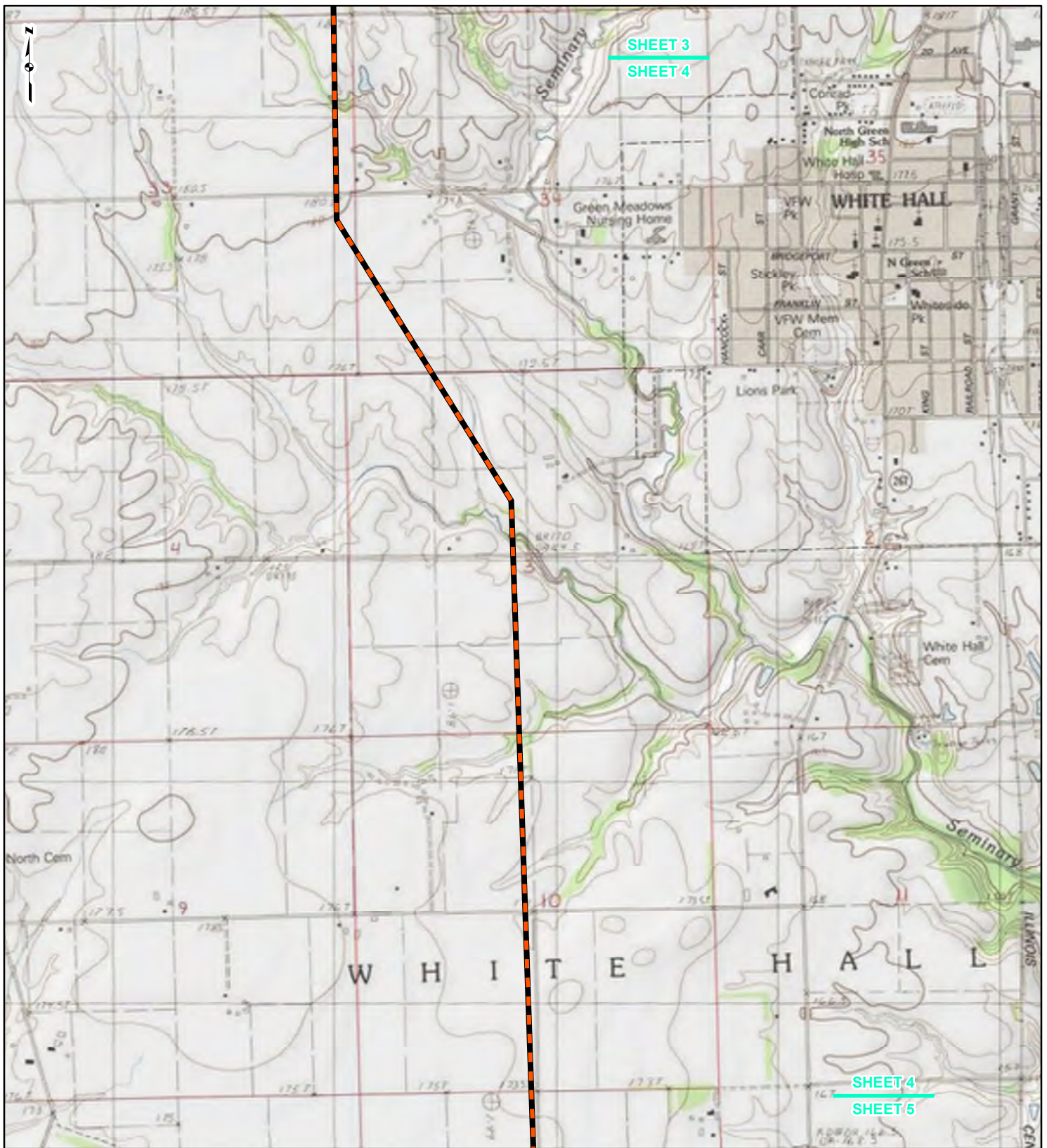
**FIGURE 1**  
LOCATION MAP  
SHEET 3 OF 21



DRAWN BY: PMH      DATE: 7/28/2016  
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 07/2016.





**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

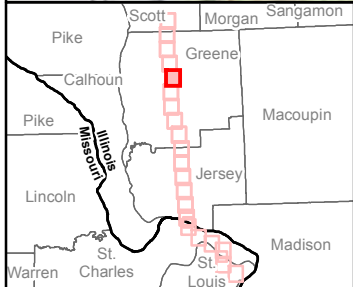
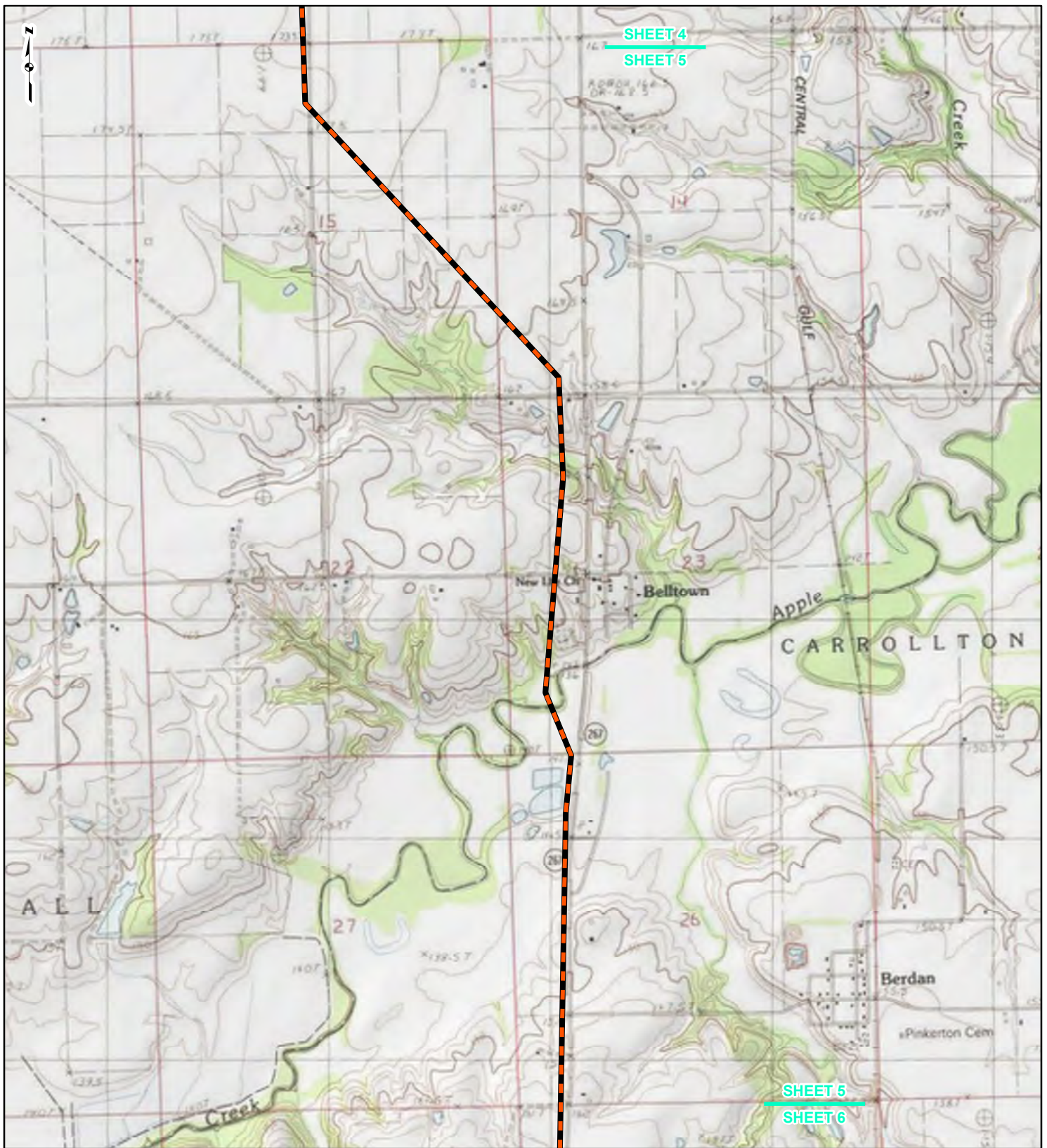
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**FIGURE 1**  
**LOCATION MAP**  
**SHEET 4 OF 21**



DRAWN BY: PMH      DATE: 7/28/2016  
 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 07/2016.



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

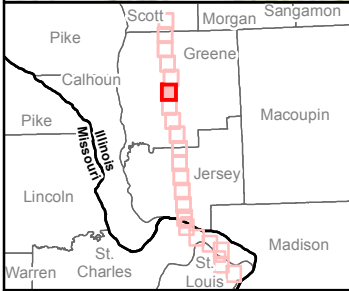
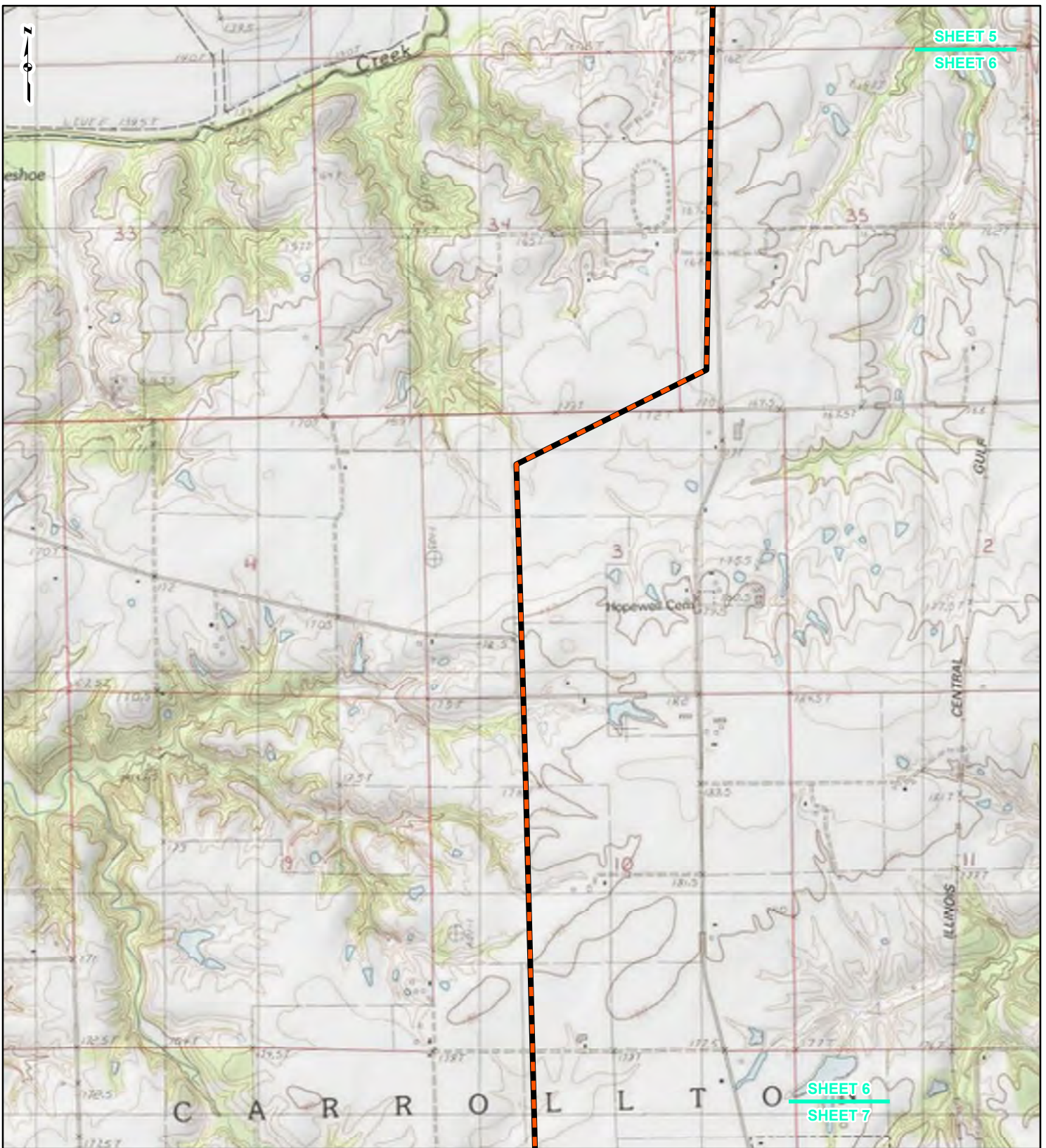
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**FIGURE 1**  
**LOCATION MAP**  
**SHEET 5 OF 21**



DRAWN BY: PMH      DATE: 7/28/2016  
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 07/2016.



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
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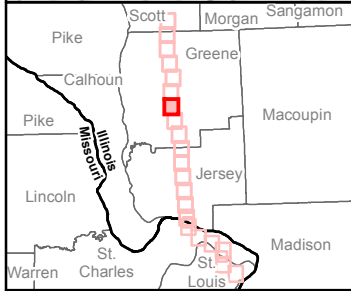
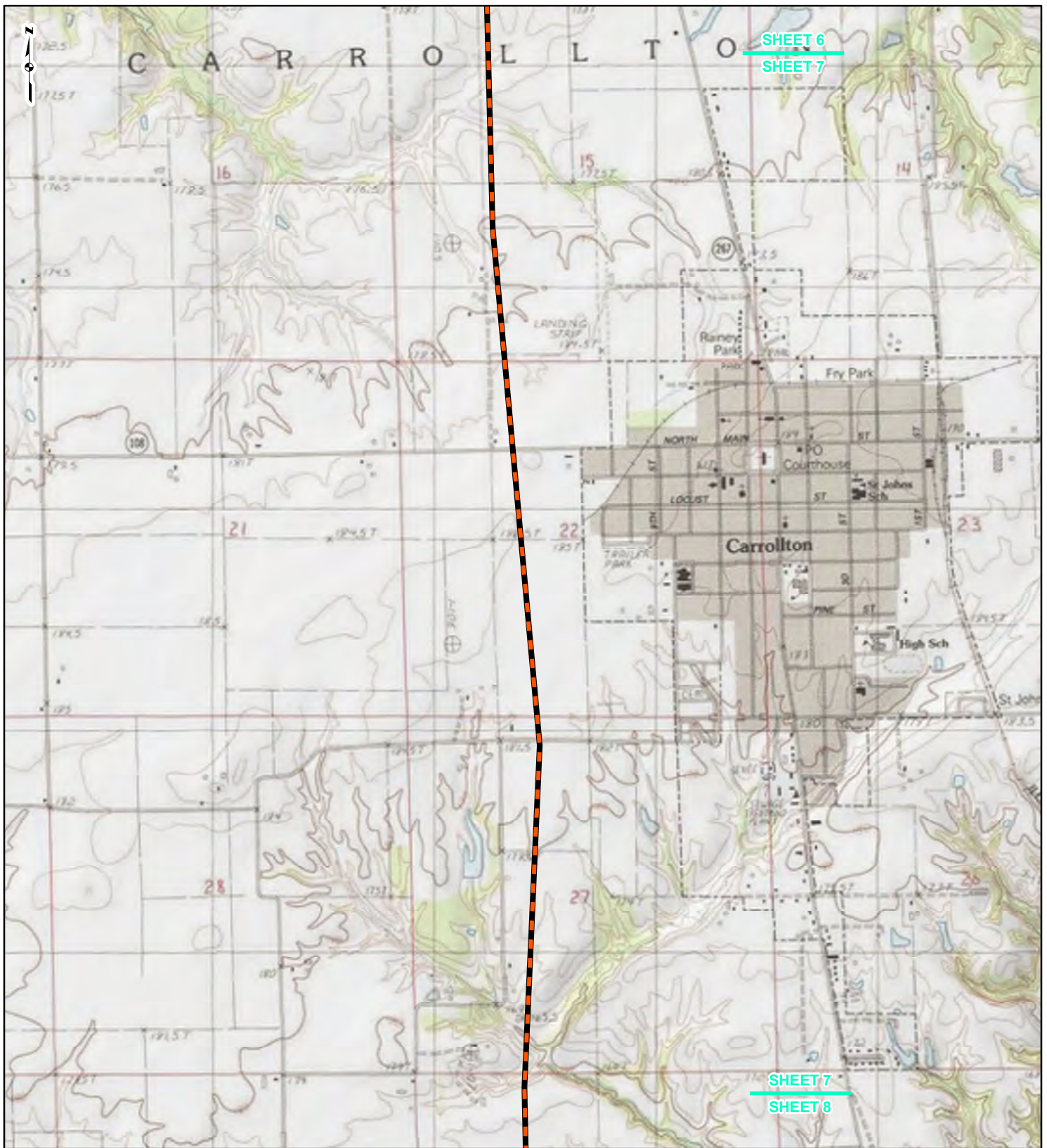
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**FIGURE 1  
LOCATION MAP  
SHEET 6 OF 21**

**Spire STL Pipeline**

DRAWN BY: PMH      DATE: 7/28/2016  
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 07/2016.



**LEGEND**

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- COUNTY BOUNDARY

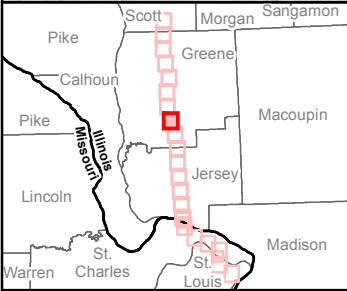
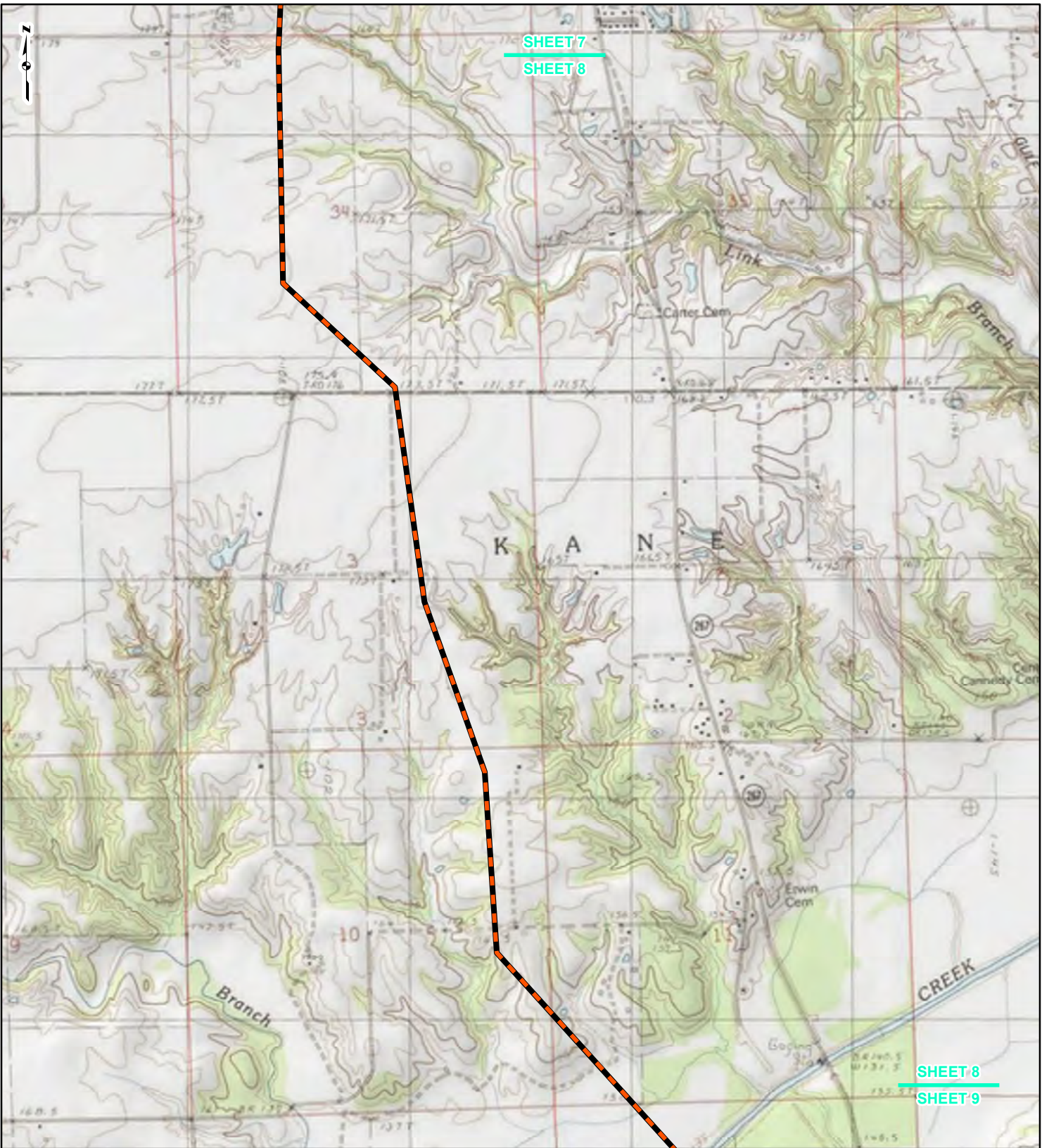
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**FIGURE 1**  
**LOCATION MAP**  
**SHEET 7 OF 21**

**Spire STL Pipeline**

DRAWN BY: PMH      DATE: 7/28/2016  
CHECKED: SWW      APPROVED: LMF

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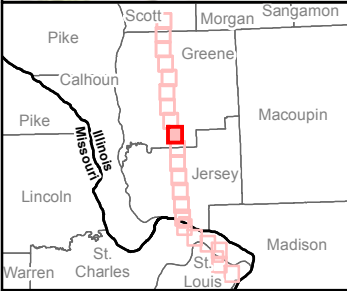
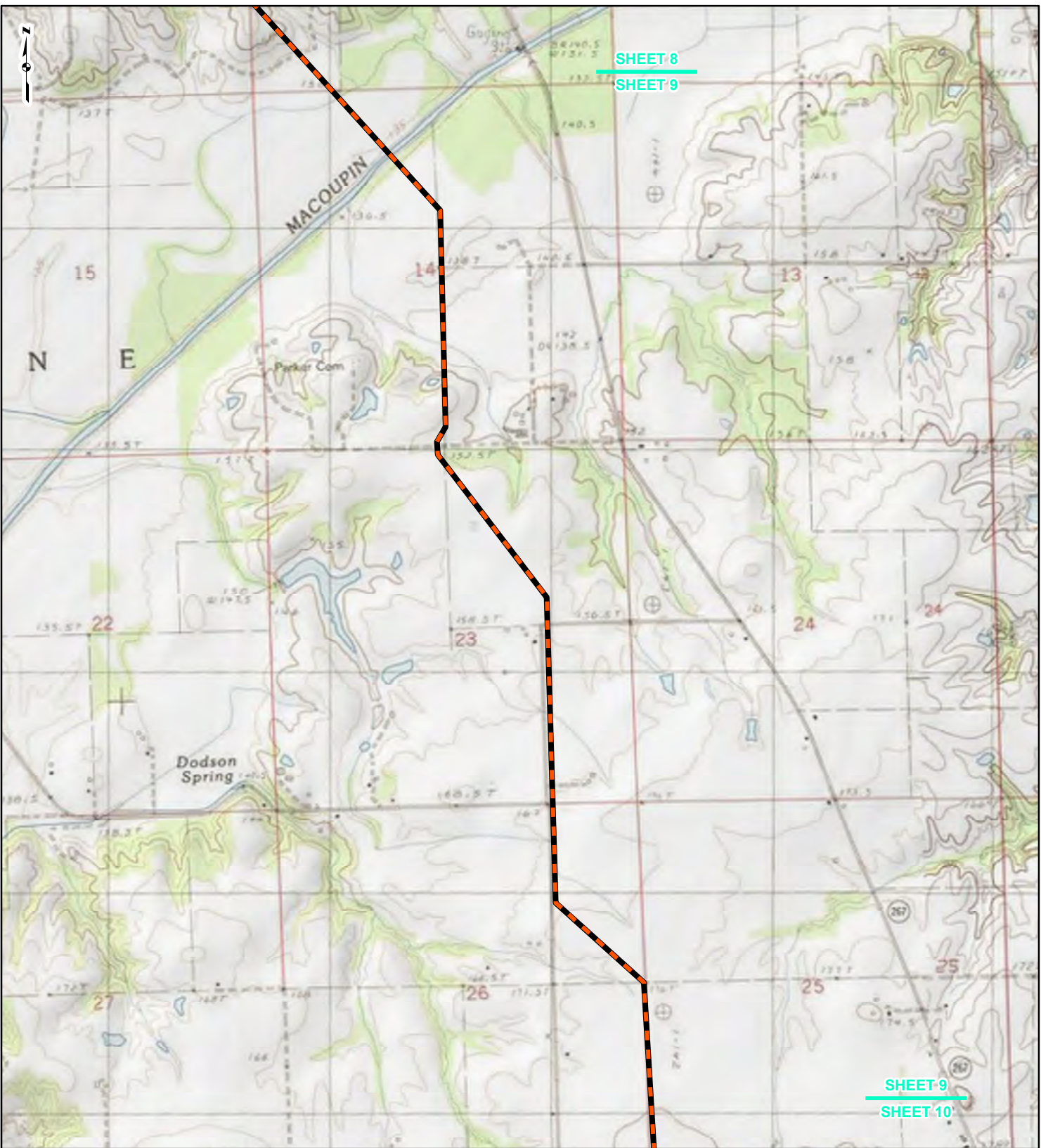
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**FIGURE 1**  
**LOCATION MAP**  
**SHEET 8 OF 21**



DRAWN BY: PMH      DATE: 7/28/2016  
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 07/2016.



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

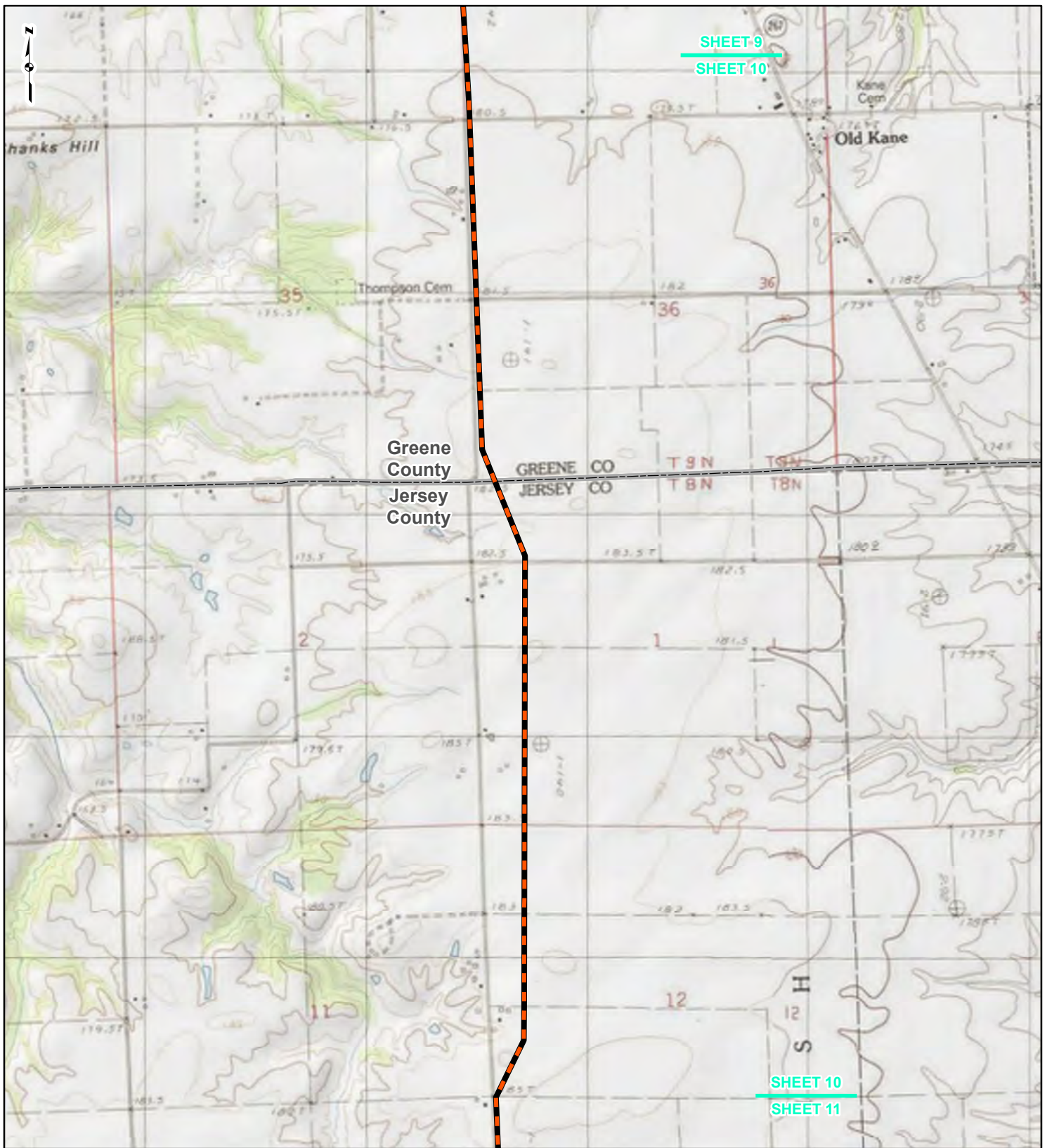
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Feet

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

Spire STL Pipeline
spire

DRAWN BY: PMH      DATE: 7/28/2016  
 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 07/2016.



SHEET 9  
SHEET 10





SHEET 10  
SHEET 11

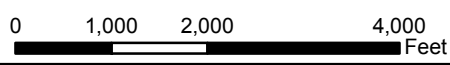
Greene  
County  
Jersey  
County

GREENE CO T9N T8N  
JERSEY CO T8N T7N



**LEGEND**

-  NEW BUILD 24-INCH DIAMETER PIPELINE
-  LINE 880 MODIFICATIONS
-  STATE BOUNDARY
-  COUNTY BOUNDARY

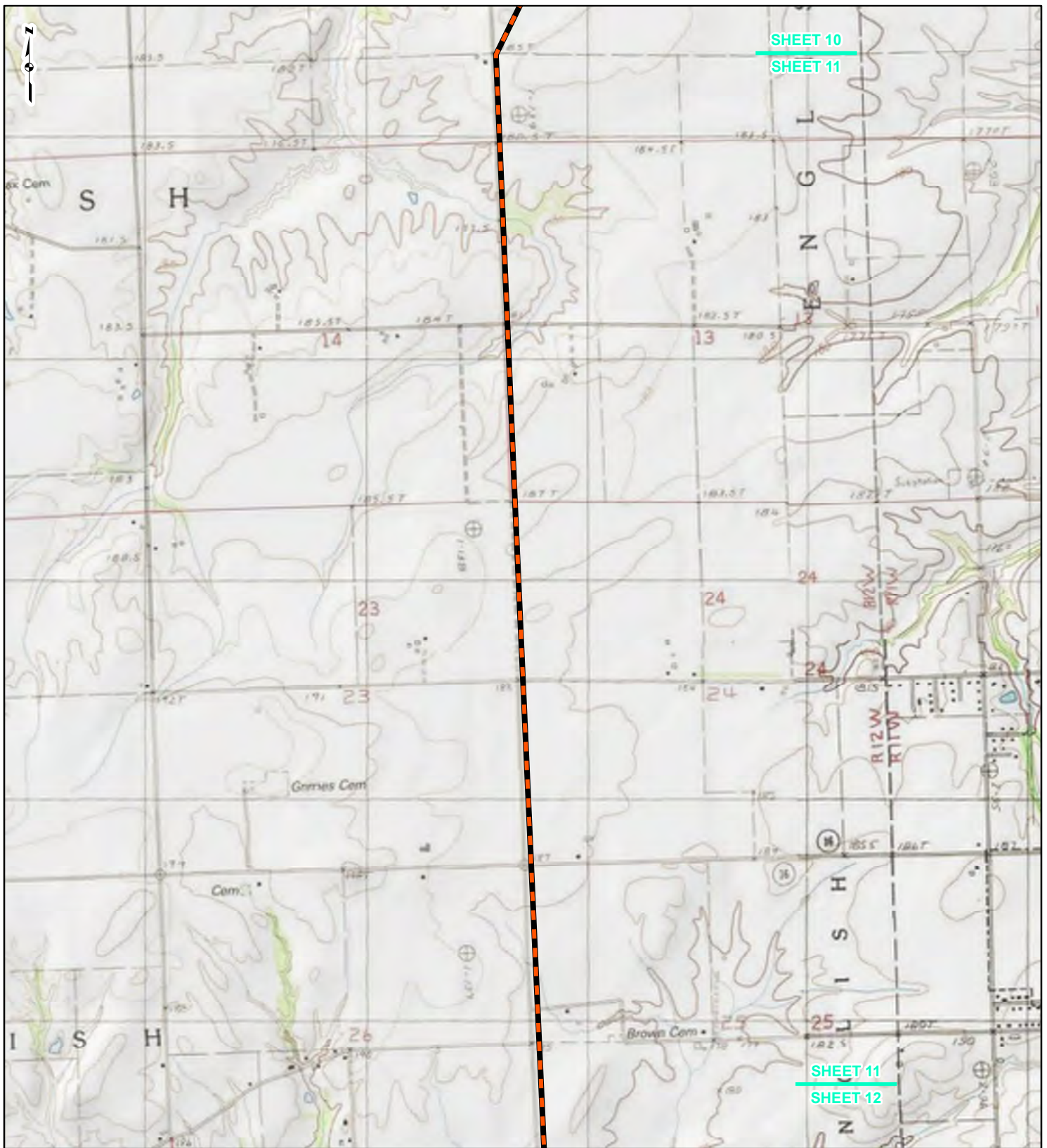


**FIGURE 1**  
**LOCATION MAP**  
**SHEET 10 OF 21**



DRAWN BY: PMH      DATE: 7/28/2016  
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 07/2016.



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

0      1,000      2,000      4,000  
Feet

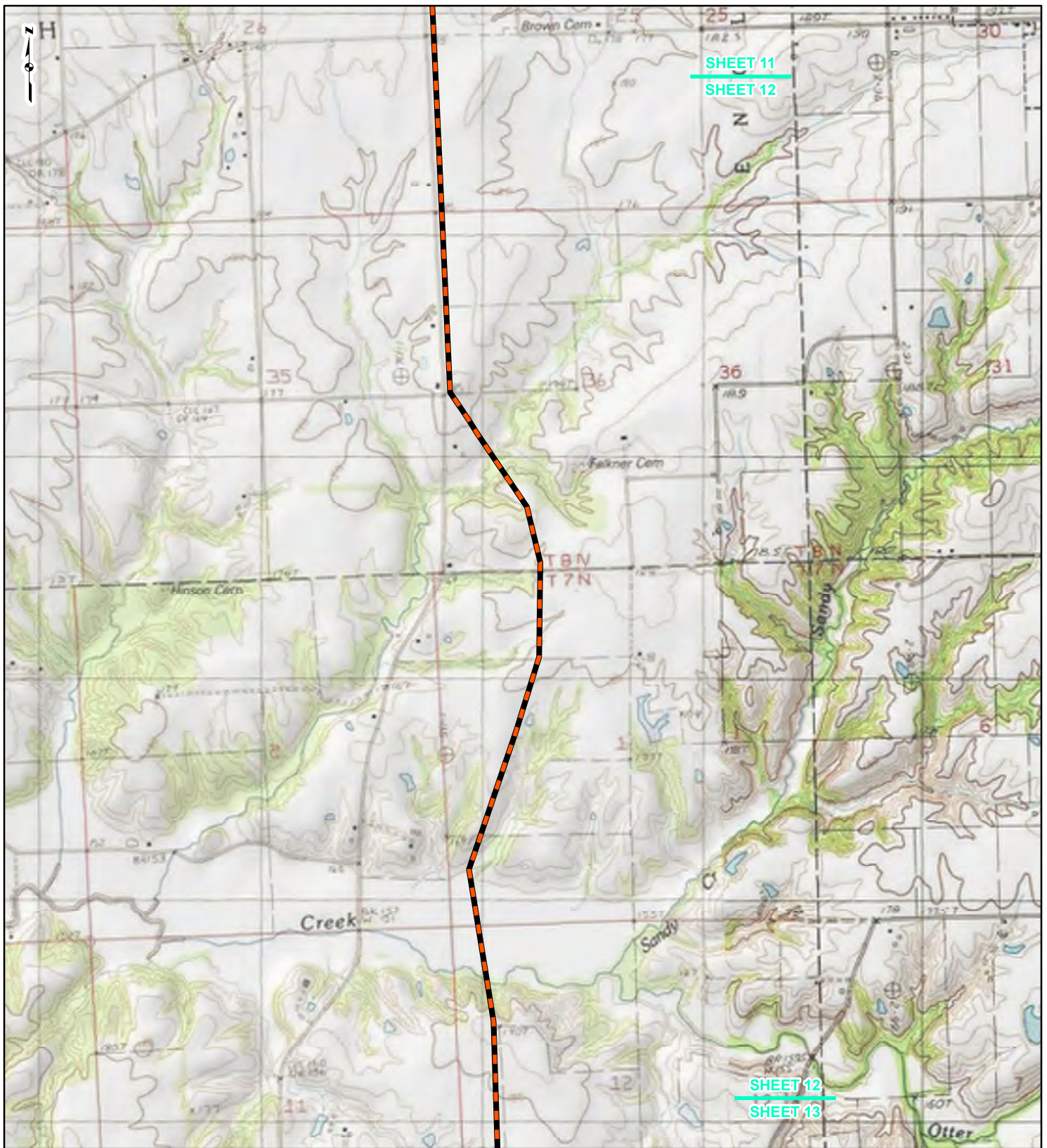
**FIGURE 1**  
**LOCATION MAP**  
**SHEET 11 OF 21**



DRAWN BY: PMH      DATE: 7/28/2016  
CHECKED: SWW      APPROVED: LMF

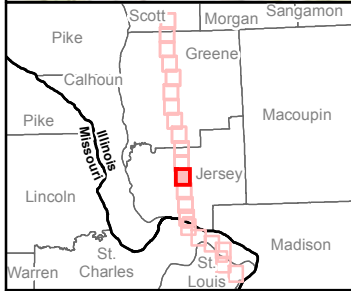
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SHEET 11  
SHEET 12

SHEET 12  
SHEET 13



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

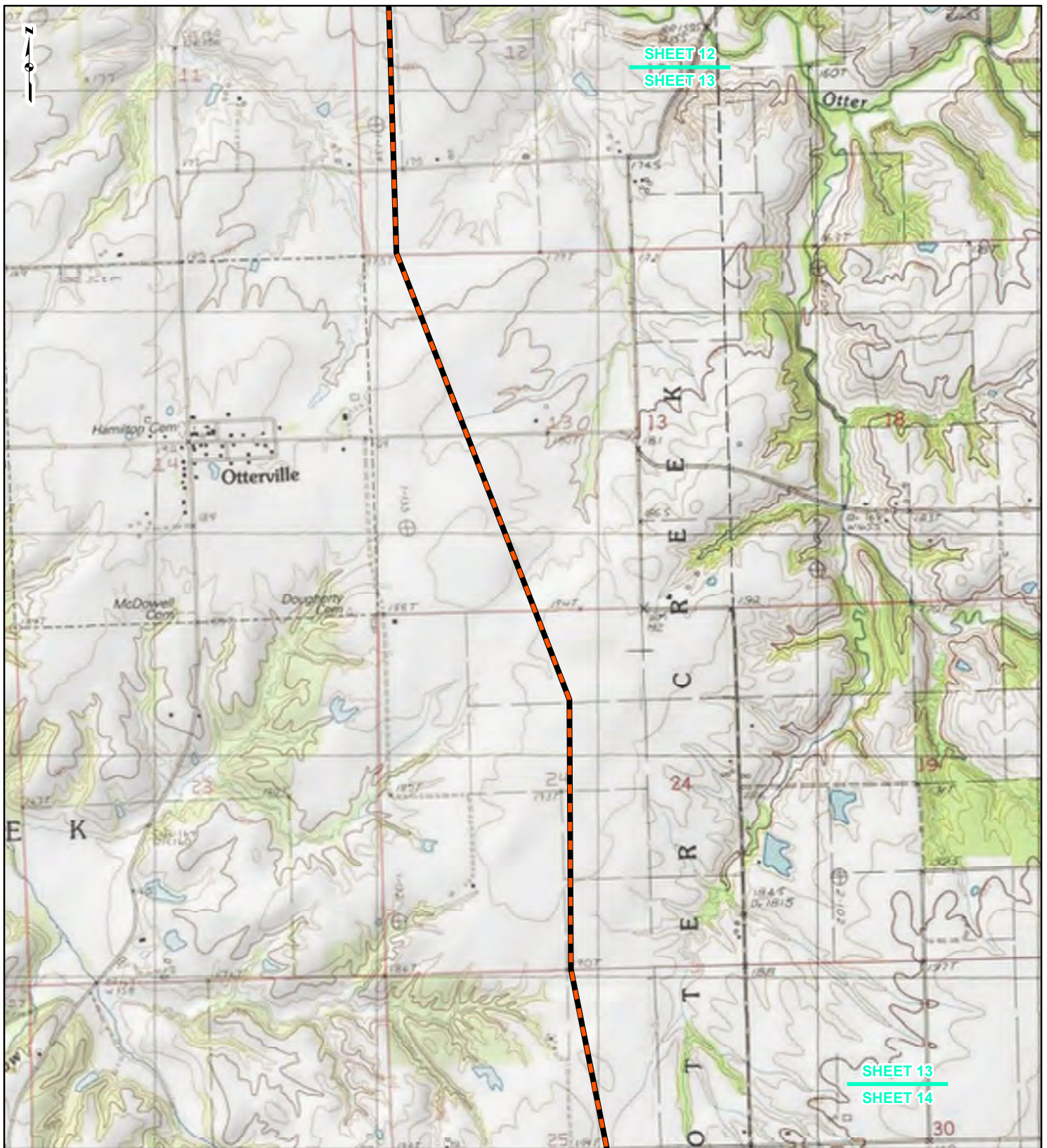
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Feet

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

**Spire STL Pipeline**

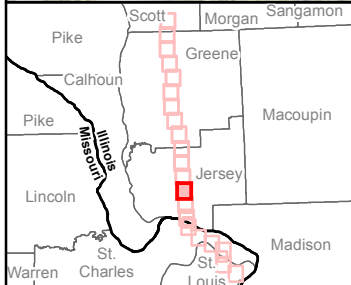
DRAWN BY: PMH      DATE: 7/28/2016  
CHECKED: SWW      APPROVED: LMF

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 07/2016.



SHEET 12  
SHEET 13

SHEET 13  
SHEET 14



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

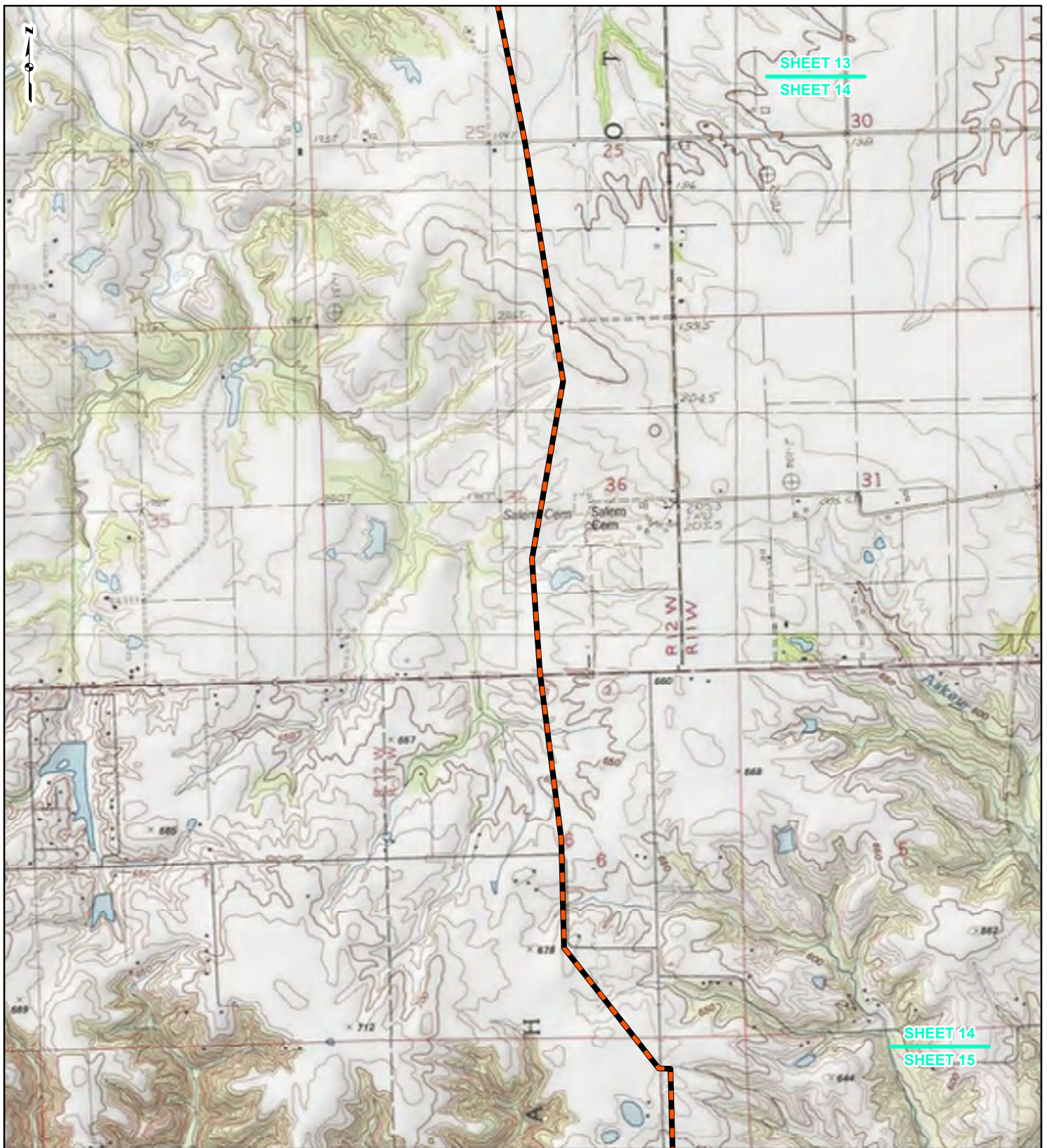
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Feet

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



DRAWN BY: PMH      DATE: 7/28/2016  
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 07/20/16.



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

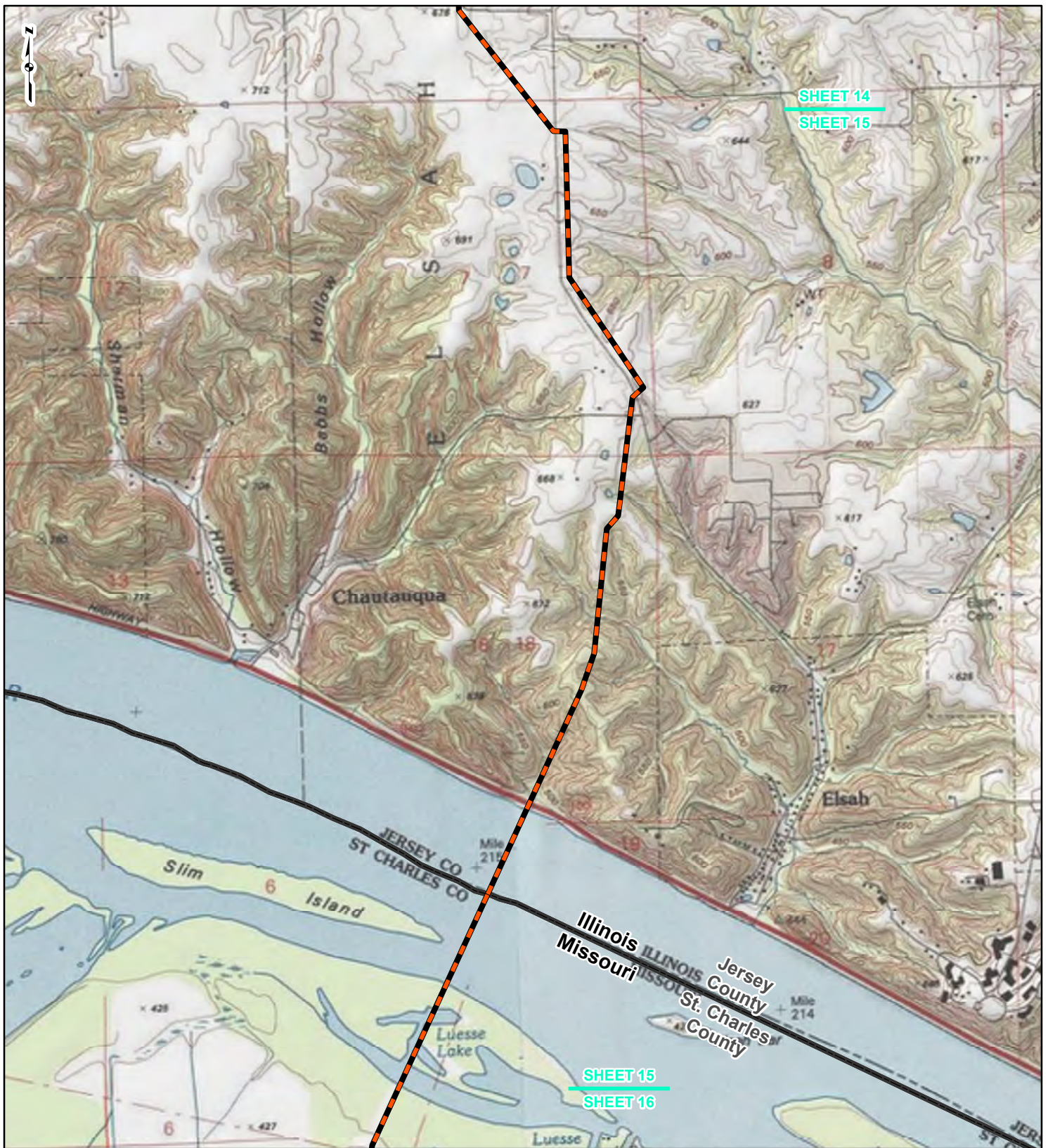
0      1,000      2,000      4,000  
Feet

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



DRAWN BY: PMH      DATE: 7/28/2016  
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 07/2016.



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

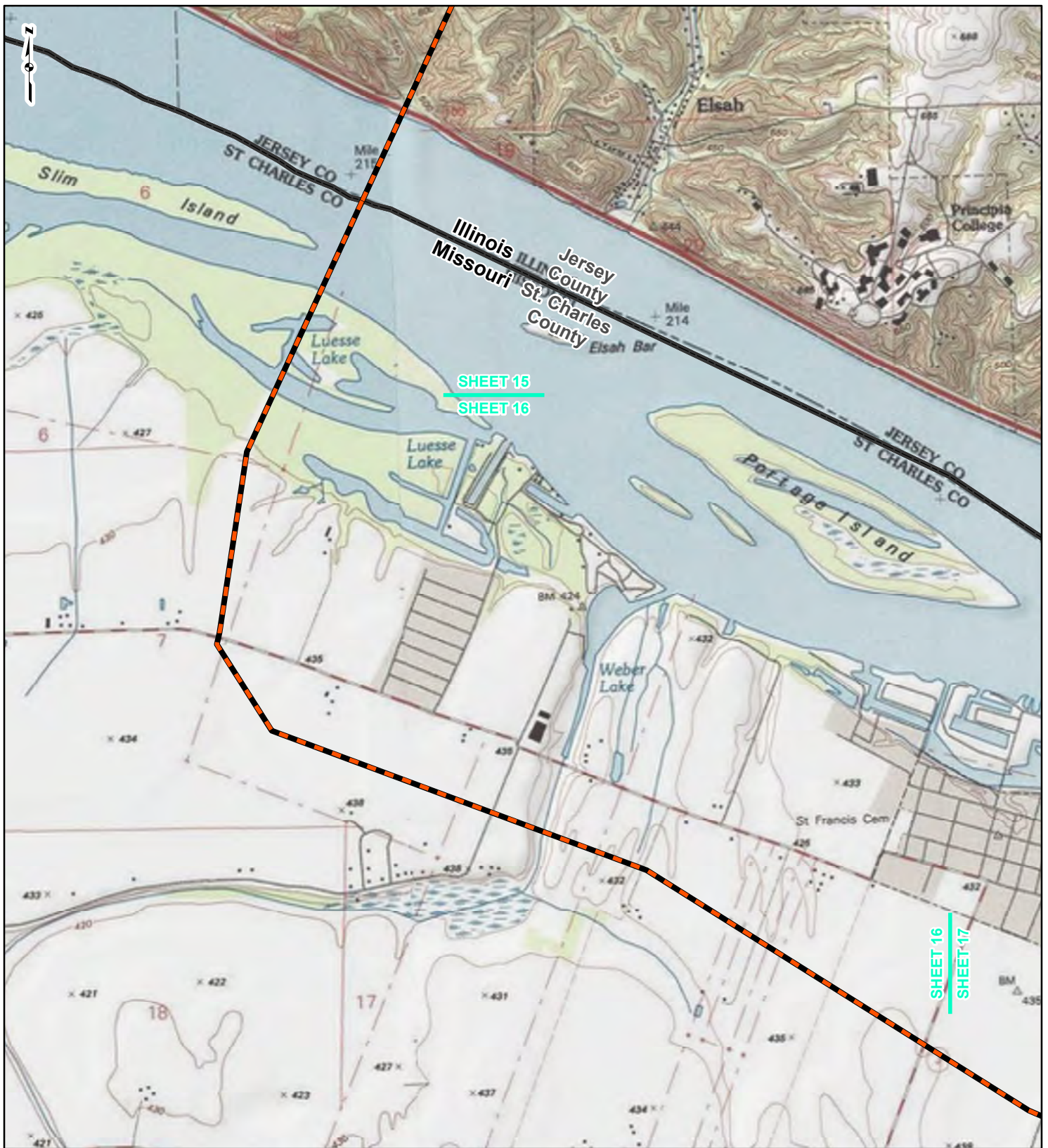
0      1,000      2,000      4,000  
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**FIGURE 1**  
**LOCATION MAP**  
**SHEET 15 OF 21**

**Spire STL Pipeline**

DRAWN BY: PMH      DATE: 7/28/2016  
 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 07/2016.



SHEET 15  
SHEET 16

SHEET 16  
SHEET 17



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

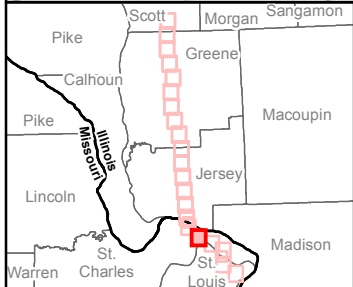
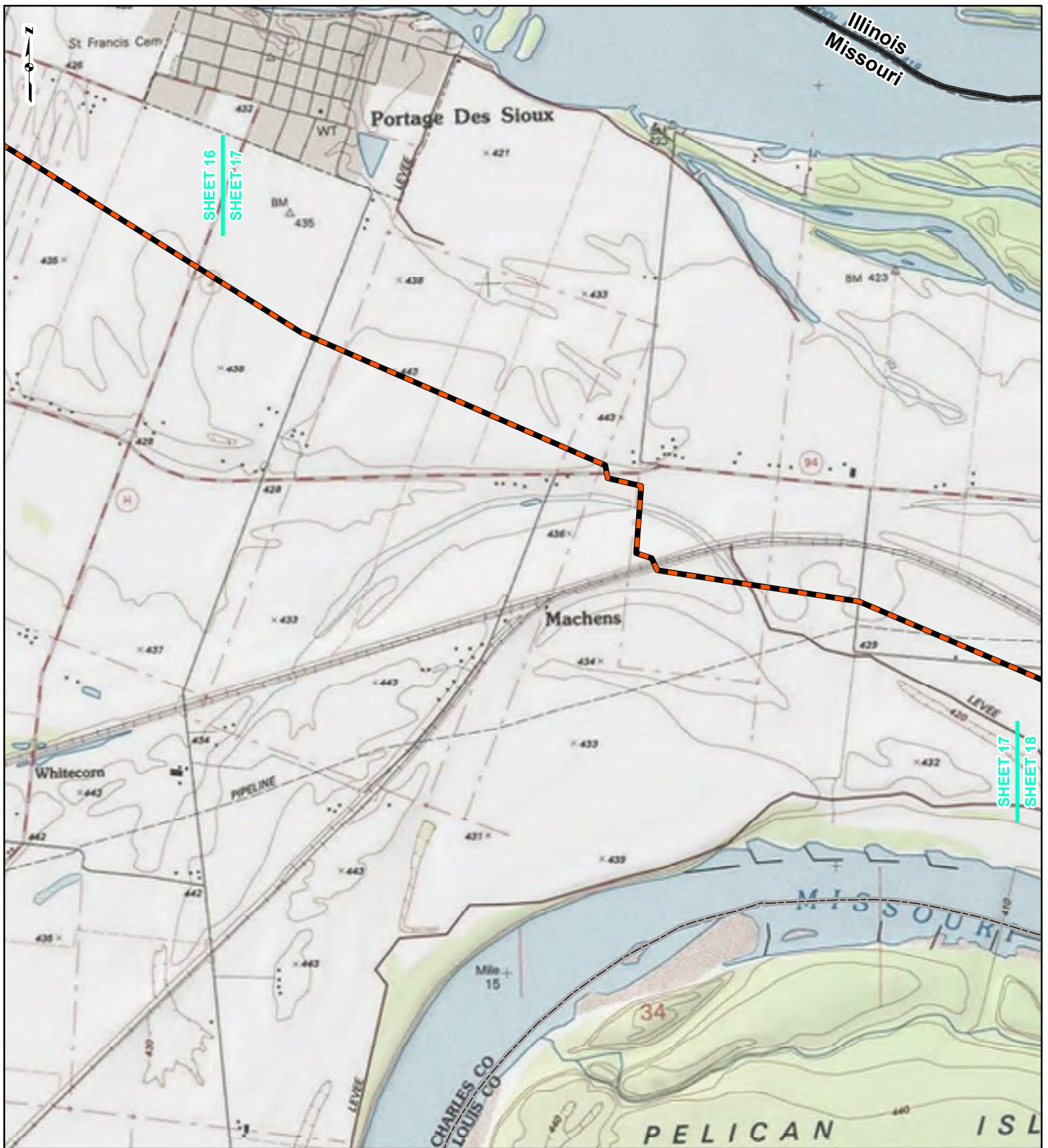
0      1,000      2,000      4,000  
Feet

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

**Spire STL Pipeline**

DRAWN BY: PMH      DATE: 7/28/2016  
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 07/2016.



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

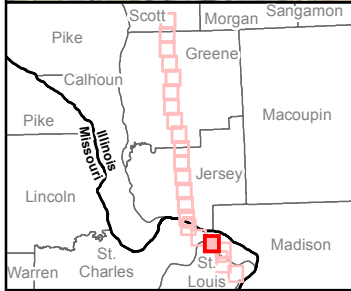
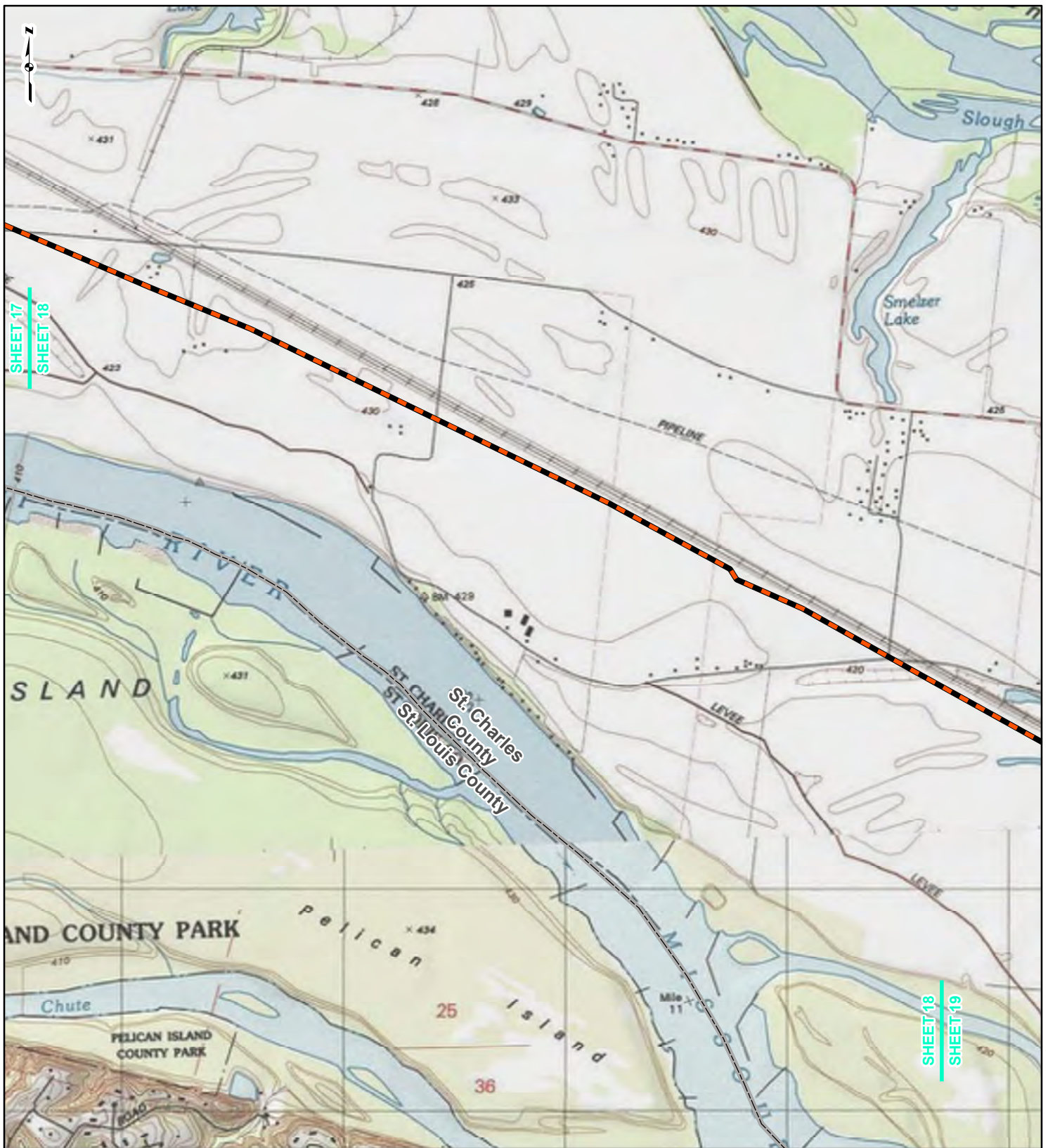
0      1,000      2,000      4,000  
Feet

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

**Spire STL Pipeline**

DRAWN BY: PMH      DATE: 7/28/2016  
 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 07/2016.



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

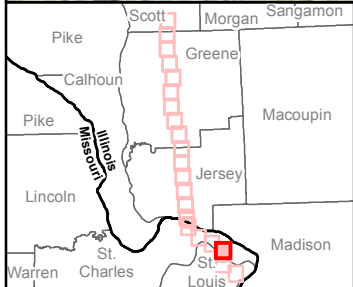
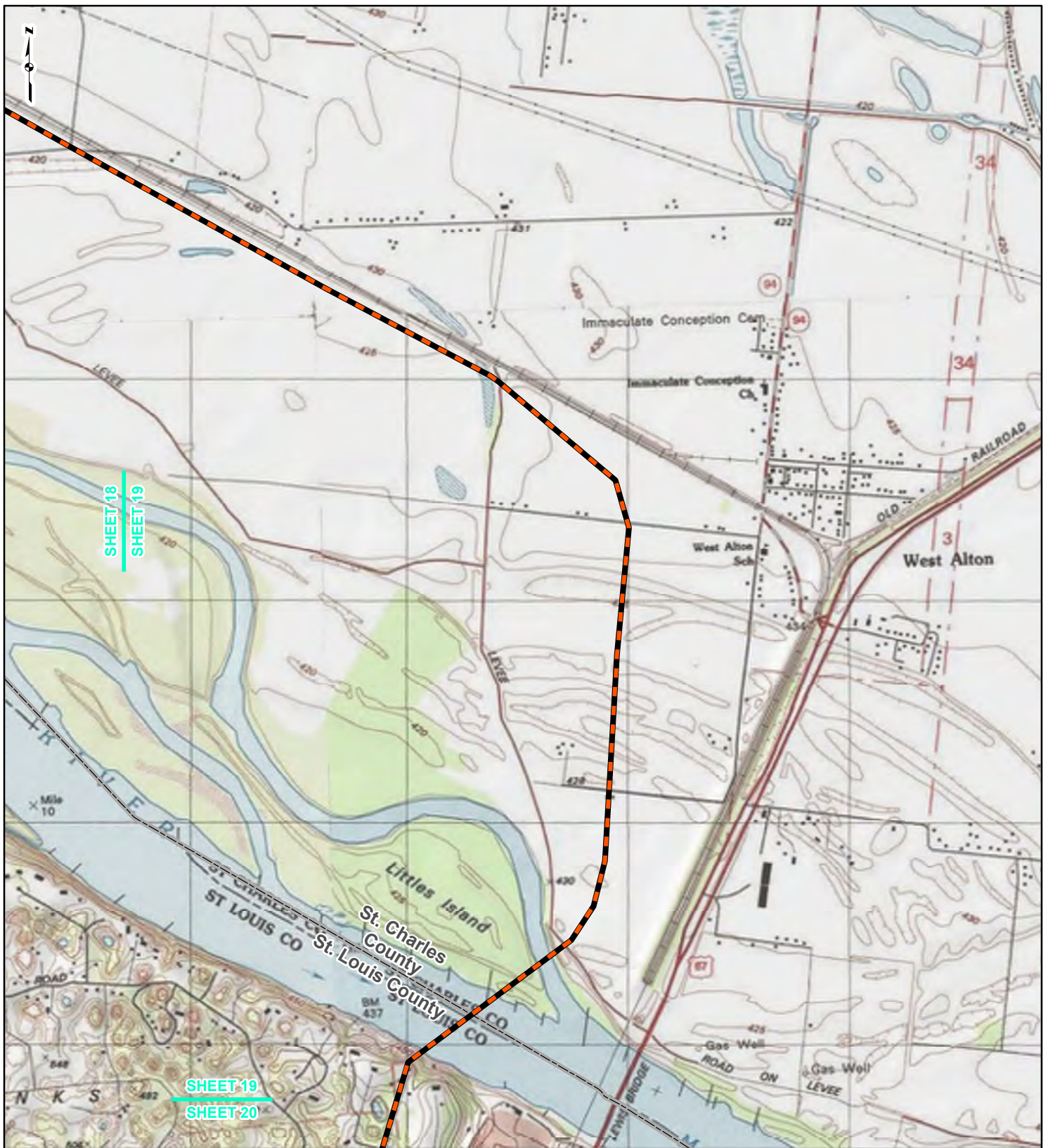
0      1,000      2,000      4,000  
Feet

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

**Spire STL Pipeline**

DRAWN BY: PMH      DATE: 7/28/2016  
 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 07/2016.



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

0      1,000      2,000      4,000  
Feet

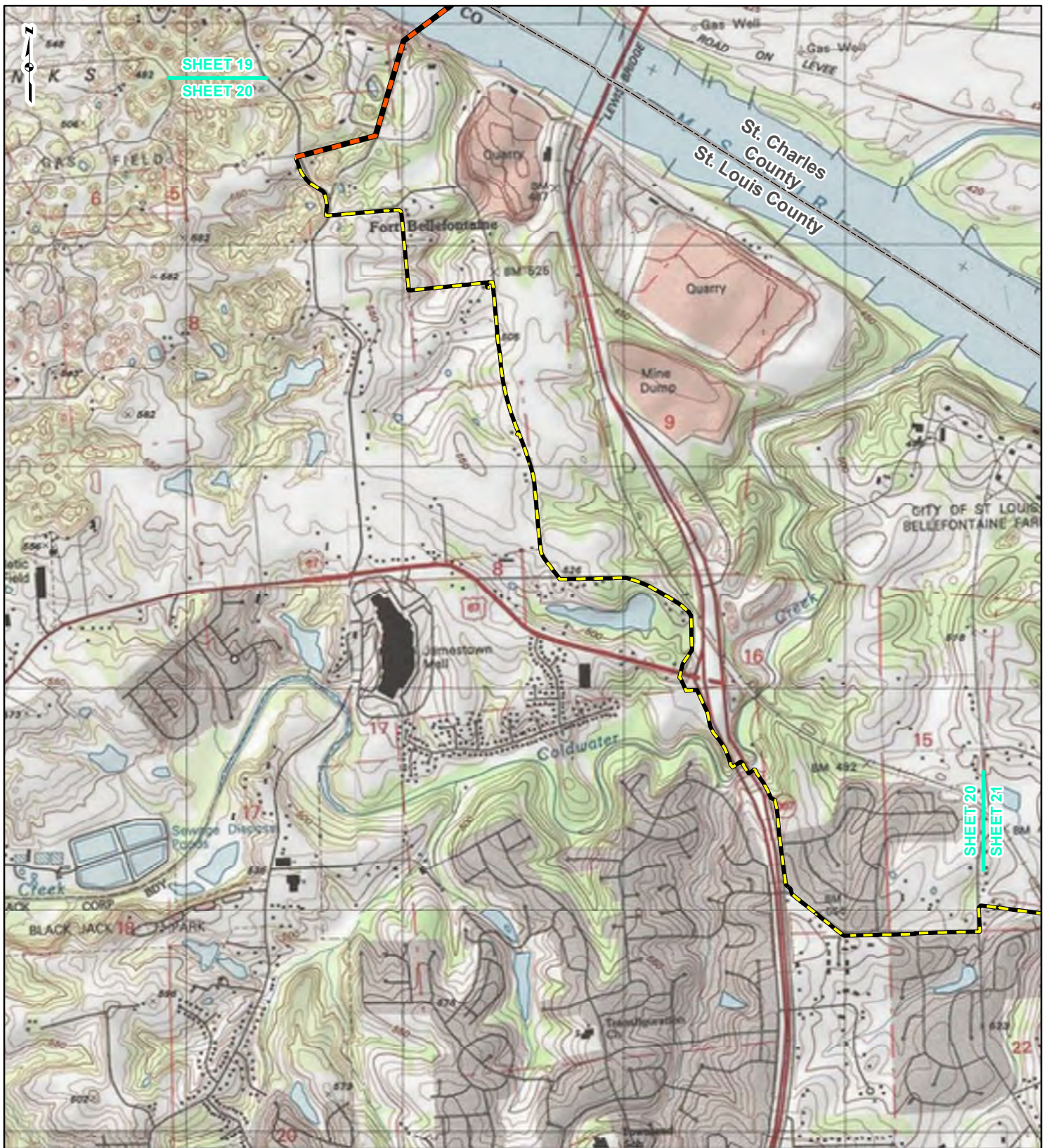
**FIGURE 1**  
**LOCATION MAP**  
**SHEET 19 OF 21**



DRAWN BY: PMH      DATE: 7/28/2016  
 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 07/2016.





**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

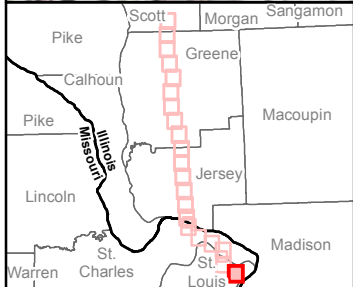
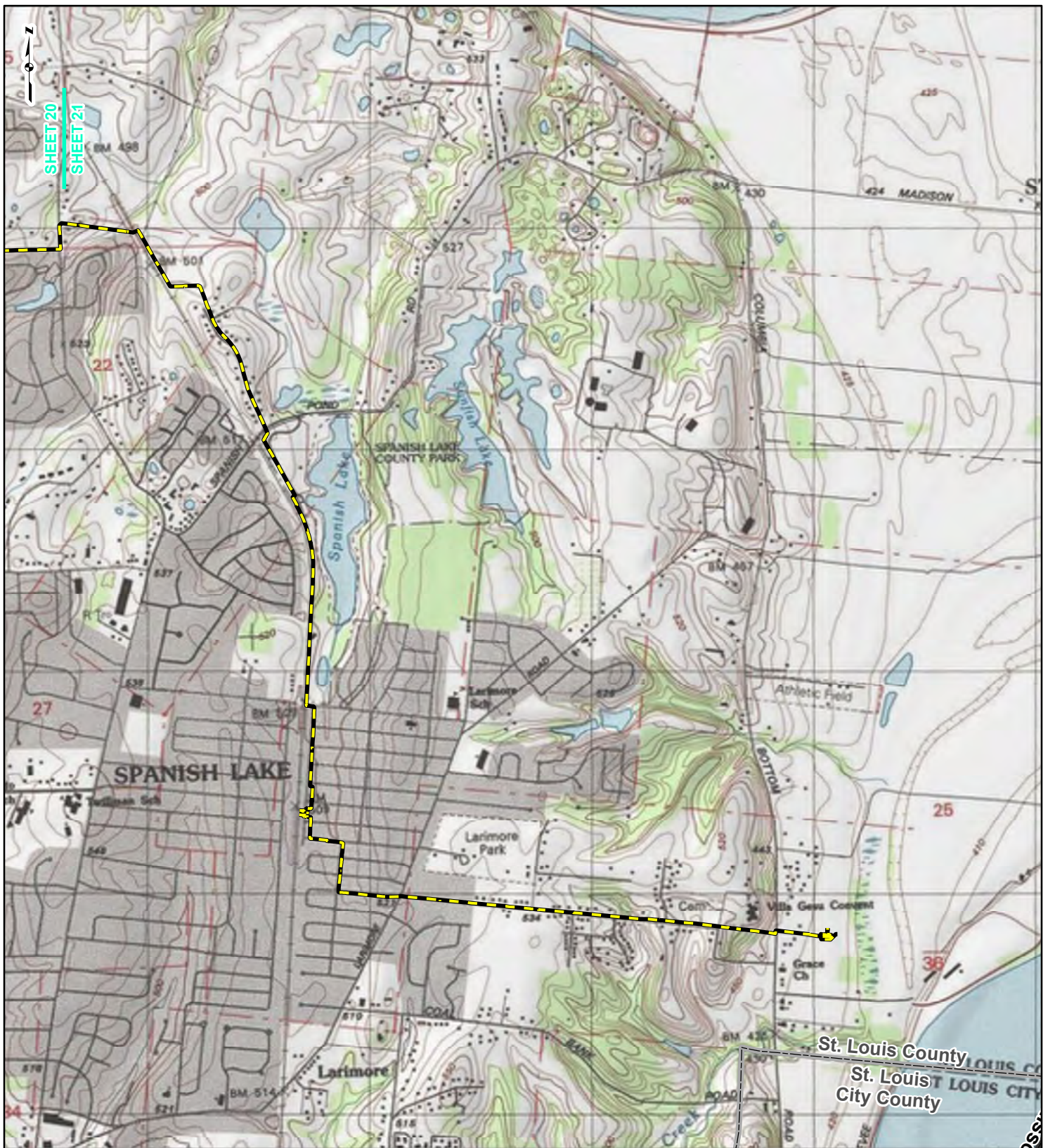
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Feet

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

Spire STL Pipeline

DRAWN BY: PMH      DATE: 7/28/2016  
 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 07/2016.



**LEGEND**

- - - NEW BUILD 24-INCH DIAMETER PIPELINE
- - - LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

0      1,000      2,000      4,000  
Feet

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

**Spire STL Pipeline**

DRAWN BY: PMH      DATE: 7/28/2016  
 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 07/2016.



## **Local Agencies and Governments – Greene County, Illinois**

# telephone log



gai consultants

Date: 10/17/2016

---

Project / Admin. No.: E160438.00

---

Call From: Andrea Halfhill

---

Company: GAI Consultants

---

Phone No.: 412-399-5521

---

Call To: Mike Snyder

---

Company: Carrollton Twp (Greene County, IL)

---

Phone No.: 217-942-3814

---

Subject: Planned residential/commercial developments

---

cc:

---

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

---

Andrea Halfhill called Mike Snyder (Director of Public Works) and explained she is looking for information on any planned residential or commercial business developments that they are aware of in Carrollton Township. Mike stated that there are no plans at this time.

# telephone log



gai consultants

Date: 10/12/2016

---

Project / Admin. No.: E160438.00

---

Call From: Andrea Halfhill

---

Company: GAI Consultants

---

Phone No.: 412-399-5521

---

Call To: Mona McMillan

---

Company: White Hall City Clerk (Greene County, IL)

---

Phone No.: 217-374-2345

---

Subject: Planned residential/commercial developments

---

cc:

---

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

---

Andrea Halfhill called the White Hall City Clerk's office and spoke with Mona. Andrea asked if there was a planning and zoning department and explained that we were looking for information on planned residential or commercial business developments. Mona said that there is nothing planned that they are aware of.

# telephone log



gai consultants

Date: 10/12/2016

---

Project / Admin. No.: E160438.00

---

Call From: Andrea Halfhill

---

Company: GAI Consultants

---

Phone No.: 412-399-5521

---

Call To: Patty Plahn

---

Company: Roodhouse City Clerk (Greene County, IL)

---

Phone No.: 217-589-4351

---

Subject: Planned residential/commercial developments

---

cc:

---

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

---

Andrea Halfhill called the Roodhouse City Clerk's office and spoke with Patty. Andrea asked if there was a planning and zoning department and explained that we were looking for information on planned residential or commercial business developments. Patty said that there is nothing going on that's planned for their town.

# telephone log



gai consultants

Date: 10/12/2016

---

Project / Admin. No.: E160438.00

---

Call From: Andrea Halfhill

---

Company: GAI Consultants

---

Phone No.: 412-399-5521

---

Call To: Debbie Banghart

---

Company: Greene County Clerk

---

Phone No.: 217-942-5443

---

Subject: Planned residential/commercial developments

---

cc:

---

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

---

Andrea Halfhill called the Greene County Clerk's office and spoke with Debbie. Andrea asked if there was a planning and zoning department and explained that we were looking for information on planned residential or commercial business developments. Debbie said that there isn't a department like that for Greene County and she wasn't sure who would be able to help with that. Andrea asked if she should try contacting the townships, and Debbie said she could, but there really isn't anything out there that the townships have in place that she's aware of.

# telephone log



gai consultants

Date: 10/12/2016

---

Project / Admin. No.: E160438.00

---

Call From: Andrea Halfhill

---

Company: GAI Consultants

---

Phone No.: 412-399-5521

---

Call To: Mike Schneider

---

Company: Carrollton Twp (Greene County, IL)

---

Phone No.: 217-942-5517

---

Subject: Planned residential/commercial developments

---

cc:

---

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

---

Andrea Halfhill called the Carrollton Township City Clerk's office for Mike Schneider. The gentleman who answered said he was out of the office and asked to take a message. Andrea left her contact information and explained that we were looking for information on planned residential or commercial business developments that they were aware of in Carrollton Township.





Spire STL Pipeline LLC  
700 Market Street  
Saint Louis, MO 63101

August 5, 2016

Mr. Stan Crusius  
Greene County - Floodplain Management  
519 N. Main St  
Carrollton, IL 62016

Re: Spire STL Pipeline  
FERC Docket No. PF16-9

Dear Mr. Crusius,

At Spire, formerly The Laclede Group, we never stop looking for better ways to provide energy now and for the future. That's why Spire STL Pipeline LLC, a wholly owned subsidiary of Spire Inc., is proposing to develop and construct a new interstate natural gas pipeline that will bring an efficient energy source to southwest Illinois and the St. Louis region. As a member of the community, we want you to be informed about our proposed project and we want you to hear from us first.

We are proposing to construct 60 miles of new build pipeline and upgrade nine miles of existing underground pipeline to further improve reliability and better serve homes and businesses across Illinois and Missouri. The planned route runs through Scott, Greene and Jersey counties in Illinois and St. Charles and St. Louis counties in Missouri.

You are receiving this letter because your property is located on or near our currently proposed route.

Spire STL Pipeline LLC has started the pre-filing application process for developing interstate natural gas pipelines by the Federal Energy Regulatory Commission ("FERC") pursuant to 18 C.F.R. § 157.21. FERC staff recently started a pre-filing environmental review process, which encourages early involvement by citizens, governmental entities and other interested parties. You can find more information about this pre-filing process at [www.ferc.gov](http://www.ferc.gov). You can see all the information about the Spire STL Pipeline using the docket number PF16-9.

Included with this letter, for your information, is a general overview map of the proposed pipeline route and a diagram illustrating the FERC process.

We believe that we can create a better project by hearing from you and listening to your feedback. That's why we are hosting open houses this month so you can learn more about the project and we can learn more about you.

At the open houses, more detailed maps will be available to show where the proposed pipeline may be located relative to your property. We want you to come, ask questions and provide feedback. Representatives of the Federal Energy Regulatory Commission (FERC) will also be there to answer questions about the FERC process for natural gas pipelines.

### Spire STL Pipeline open house schedule

Tuesday August 16, 2016 5 p.m. – 7:30 p.m.	Wednesday August 17, 2016 5 p.m. – 7:30 p.m.	Thursday August 18, 2016 5 p.m.– 7:30 p.m.	Tuesday August 23, 2016 5 p.m.– 7:30 p.m.	Wednesday August 24, 2016 5 p.m. – 7:30 p.m.
<b>Scott County, Illinois</b>	<b>Jersey County, Illinois</b>	<b>St. Louis County, Missouri</b>	<b>St. Charles County, Missouri</b>	<b>Greene County, Illinois</b>
Scott County Fairgrounds 401 North Walnut Winchester, IL 62694	Jerseyville Recreation Center 401 Mound Street Jerseyville, IL 62052	Hazelwood Civic Center East 8969 Dunn Road Hazelwood, MO 63042	American Legion Post 312 2500 Raymond Drive St Charles, MO 63301	Knights of Columbus Hall U.S. HWY 67 Carrollton, IL 62016

Check out more information on our website at [www.SpireSTLPipeline.com](http://www.SpireSTLPipeline.com). If you have any questions, please do not hesitate to contact us toll-free at 1 844-885-7234 or at [STLPipelineInfo@SpireEnergy.com](mailto:STLPipelineInfo@SpireEnergy.com).

We look forward to working with you.

Sincerely,

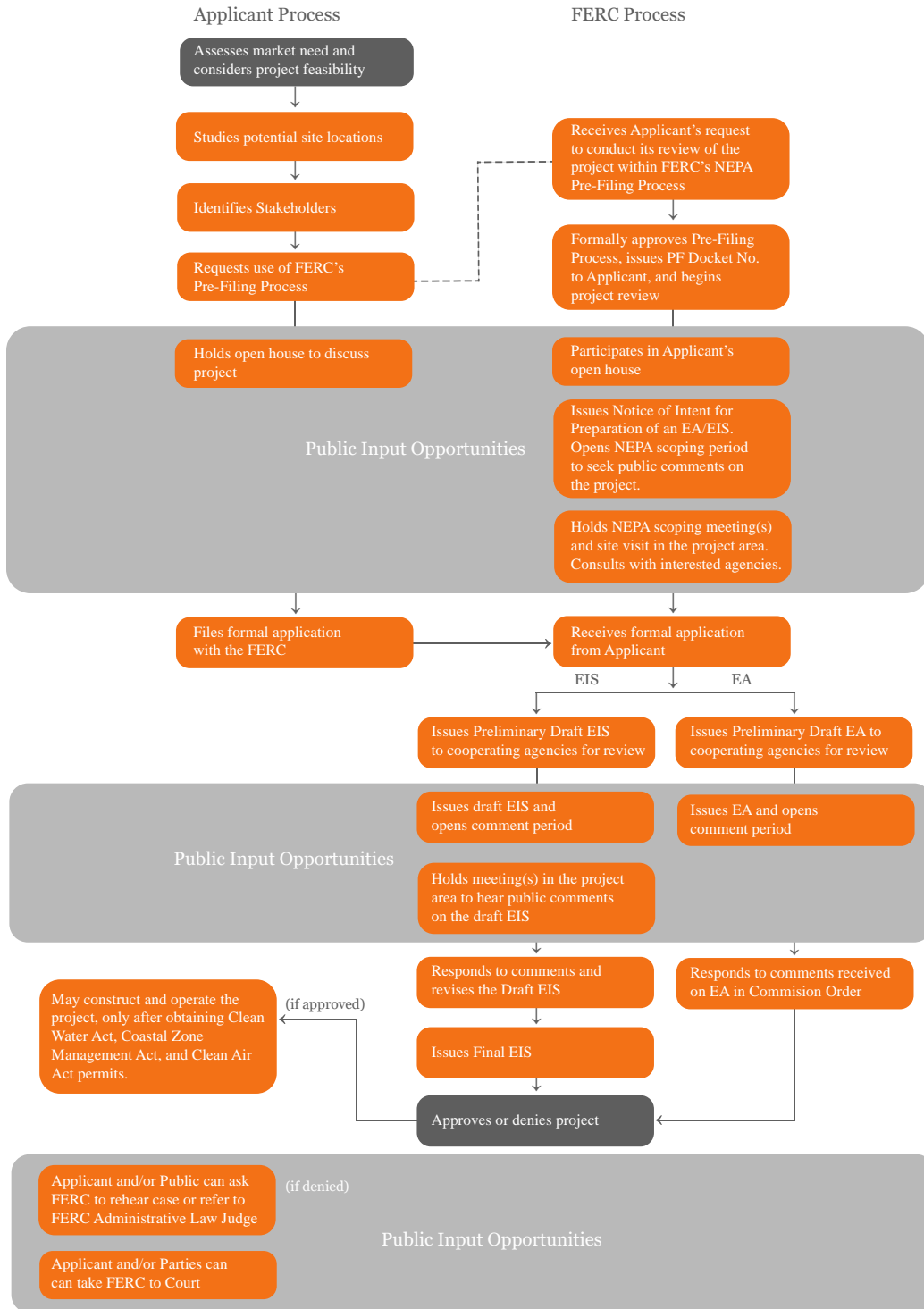


Scott Jaskowiak  
Vice President  
Spire STL Pipeline LLC

Project Map



# FERC Pre-Filing Process





Spire STL Pipeline LLC  
700 Market Street  
Saint Louis, MO 63101

August 5, 2016

Ms. Annyce Winters  
Administrative Coordinator  
Greene County Soil and Water Conservation District  
RR3, Box 129  
Carrollton, IL 62016

Re: Spire STL Pipeline  
FERC Docket No. PF16-9

Dear Ms. Winters,

At Spire, formerly The Laclede Group, we never stop looking for better ways to provide energy now and for the future. That's why Spire STL Pipeline LLC, a wholly owned subsidiary of Spire Inc., is proposing to develop and construct a new interstate natural gas pipeline that will bring an efficient energy source to southwest Illinois and the St. Louis region. As a member of the community, we want you to be informed about our proposed project and we want you to hear from us first.

We are proposing to construct 60 miles of new build pipeline and upgrade nine miles of existing underground pipeline to further improve reliability and better serve homes and businesses across Illinois and Missouri. The planned route runs through Scott, Greene and Jersey counties in Illinois and St. Charles and St. Louis counties in Missouri.

You are receiving this letter because your property is located on or near our currently proposed route.

Spire STL Pipeline LLC has started the pre-filing application process for developing interstate natural gas pipelines by the Federal Energy Regulatory Commission ("FERC") pursuant to 18 C.F.R. § 157.21. FERC staff recently started a pre-filing environmental review process, which encourages early involvement by citizens, governmental entities and other interested parties. You can find more information about this pre-filing process at [www.ferc.gov](http://www.ferc.gov). You can see all the information about the Spire STL Pipeline using the docket number PF16-9.

Included with this letter, for your information, is a general overview map of the proposed pipeline route and a diagram illustrating the FERC process.

We believe that we can create a better project by hearing from you and listening to your feedback. That's why we are hosting open houses this month so you can learn more about the project and we can learn more about you.

At the open houses, more detailed maps will be available to show where the proposed pipeline may be located relative to your property. We want you to come, ask questions and provide feedback. Representatives of the Federal Energy Regulatory Commission (FERC) will also be there to answer questions about the FERC process for natural gas pipelines.

**Spire STL Pipeline open house schedule**

Tuesday August 16, 2016 5 p.m. – 7:30 p.m.	Wednesday August 17, 2016 5 p.m. – 7:30 p.m.	Thursday August 18, 2016 5 p.m.– 7:30 p.m.	Tuesday August 23, 2016 5 p.m.– 7:30 p.m.	Wednesday August 24, 2016 5 p.m. – 7:30 p.m.
<b>Scott County, Illinois</b>	<b>Jersey County, Illinois</b>	<b>St. Louis County, Missouri</b>	<b>St. Charles County, Missouri</b>	<b>Greene County, Illinois</b>
Scott County Fairgrounds 401 North Walnut Winchester, IL 62694	Jerseyville Recreation Center 401 Mound Street Jerseyville, IL 62052	Hazelwood Civic Center East 8969 Dunn Road Hazelwood, MO 63042	American Legion Post 312 2500 Raymond Drive St Charles, MO 63301	Knights of Columbus Hall U.S. HWY 67 Carrollton, IL 62016

Check out more information on our website at [www.SpireSTLPipeline.com](http://www.SpireSTLPipeline.com). If you have any questions, please do not hesitate to contact us toll-free at 1 844-885-7234 or at [STLPipelineInfo@SpireEnergy.com](mailto:STLPipelineInfo@SpireEnergy.com).

We look forward to working with you.

Sincerely,



Scott Jaskowiak  
Vice President  
Spire STL Pipeline LLC



July 29, 2016

Ms. Annyce Winters  
Administrative Coordinator  
Greene County Soil and Water Conservation District  
R.R. 3, Box 129  
Carrollton, IL 62016

**Re: Notice of Use of Pre-Filing Process  
Spire STL Pipeline  
Scott, Greene, and Jersey Counties, IL  
St. Charles and St. Louis Counties, MO**

Dear Ms. Winters:

Spire STL Pipeline LLC ("Spire") is in the planning stages of the Spire STL Pipeline ("Project"). As proposed, the Project will serve the energy needs of residential, commercial and industrial customers in the eastern portion of Missouri, including the St. Louis metropolitan area and surrounding counties. The Project as proposed will consist of approximately 60 miles of new build 24-inch diameter steel pipeline (referred to as the "new build" portion of the Project) originating at an interconnection with 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 until crossing the Missouri river and tying into an existing 20-inch diameter steel transmission pipeline in St. Louis County, Missouri that is currently owned and operated by Laclede Gas Company ("LGC") (referred to as "Line 880"). Spire plans to purchase Line 880 from LGC and modify approximately nine miles of existing 20-inch diameter steel natural gas pipeline located in St. Louis County, Missouri that will connect the new build part of the Project to the Enable Mississippi River Transmission, LLC ("MRT") pipeline along the western bank of the Mississippi river in St. Louis County, Missouri. The total length of the entire Project will be approximately 70 miles.

Construction and operation of the proposed Project will be regulated by the Federal Energy Regulatory Commission ("Commission") among other regulatory agencies. Spire intends to utilize the Commission's pre-filing process detailed in Section 157.21 of the Commission's regulations, which allows the Commission and other agencies to initiate National Environmental Policy Act ("NEPA") review prior to Spire filing an application to the Commission. The Commission would need to issue Spire a Certificate of Public Convenience and Necessity to enable construction and operation of the proposed pipeline. The preliminary Project schedule includes the following target dates:

- July 22, 2016 - Commission acceptance into pre-filing; commencement of the NEPA process (pre-filing docket no. PF16-9-000);
- August 2016 (Anticipated) - biological and cultural resource surveys;
- January 2017 (Anticipated) - file final application with Commission;
- August 2017 (Anticipated) - NEPA document published;
- November 2017 (Anticipated) - Commission decision on application; and
- February 2018 (Anticipated) - commence construction activities.

On behalf of Spire, GAI would like to take this opportunity to invite the Greene County Soil and Water Conservation District to participate in the review of this Project as a cooperating agency during the Commission's pre-filing process. We look forward to your involvement in the review of this important Project and appreciate your cooperation.

**Please note the intent of this letter is solely for the purpose of inviting you to participate in the Commission's NEPA pre-filing process. The Commission will also reach out to you requesting your agency to be a cooperating agency. Specific and necessary consultations and/or applicable permit applications will be addressed to you under separate cover.**

If you have any questions or would like additional information, please feel free to contact me at 331.301.2002 or by e-mail at L.Ferry@gaiconsultants.com.

Sincerely,

**GAI Consultants, Inc.**

A handwritten signature in black ink that reads "Lori M. Ferry". The signature is written in a cursive style with a large, stylized "L" and "F".

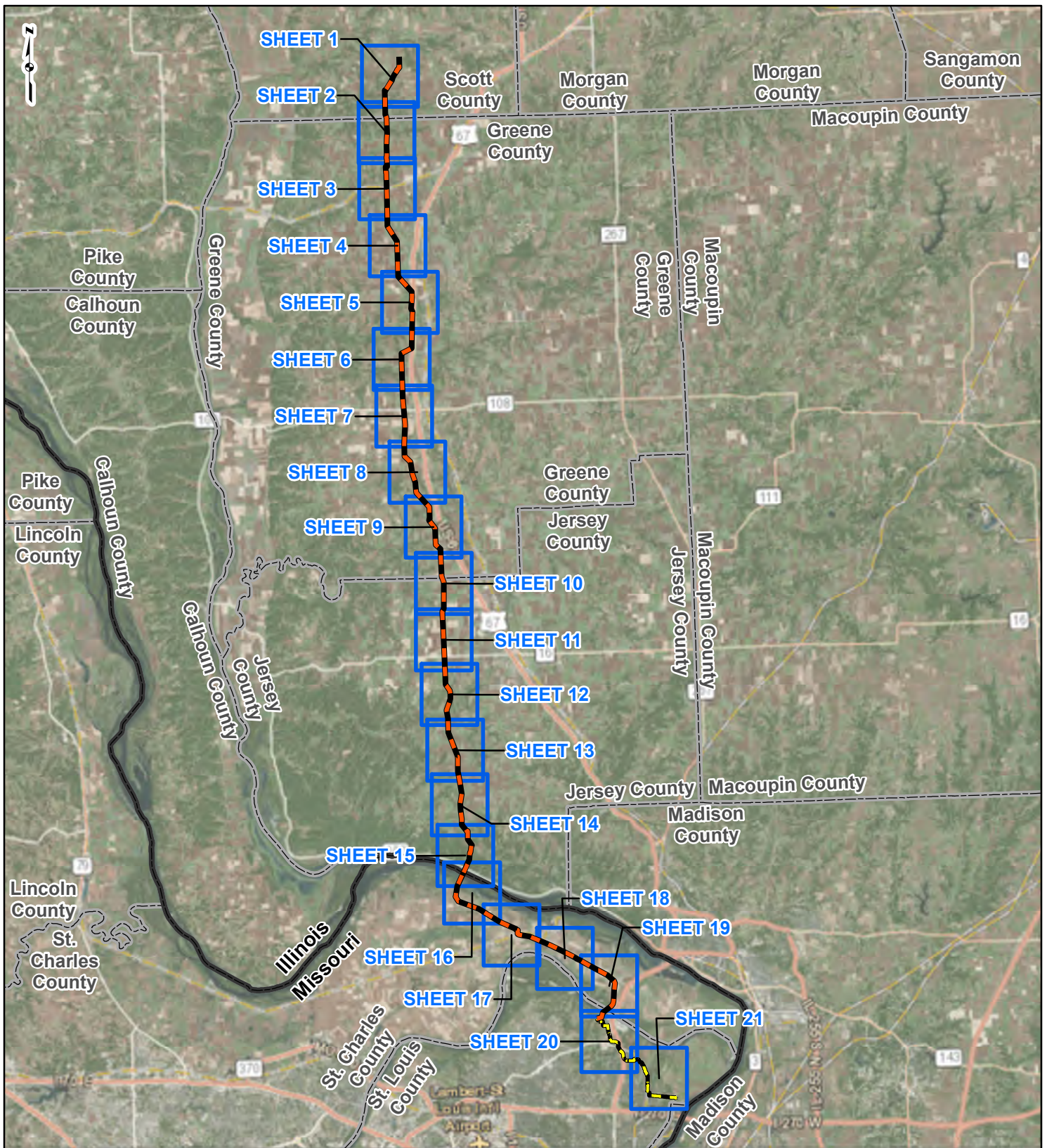
Lori M. Ferry  
Environmental Project Manager

LMF/gmg

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



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



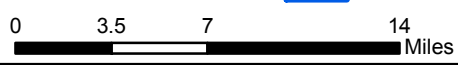
**PROJECT LOCATION**



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

**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- COUNTY BOUNDARY
- STATE BOUNDARY
- SHEET INDEX

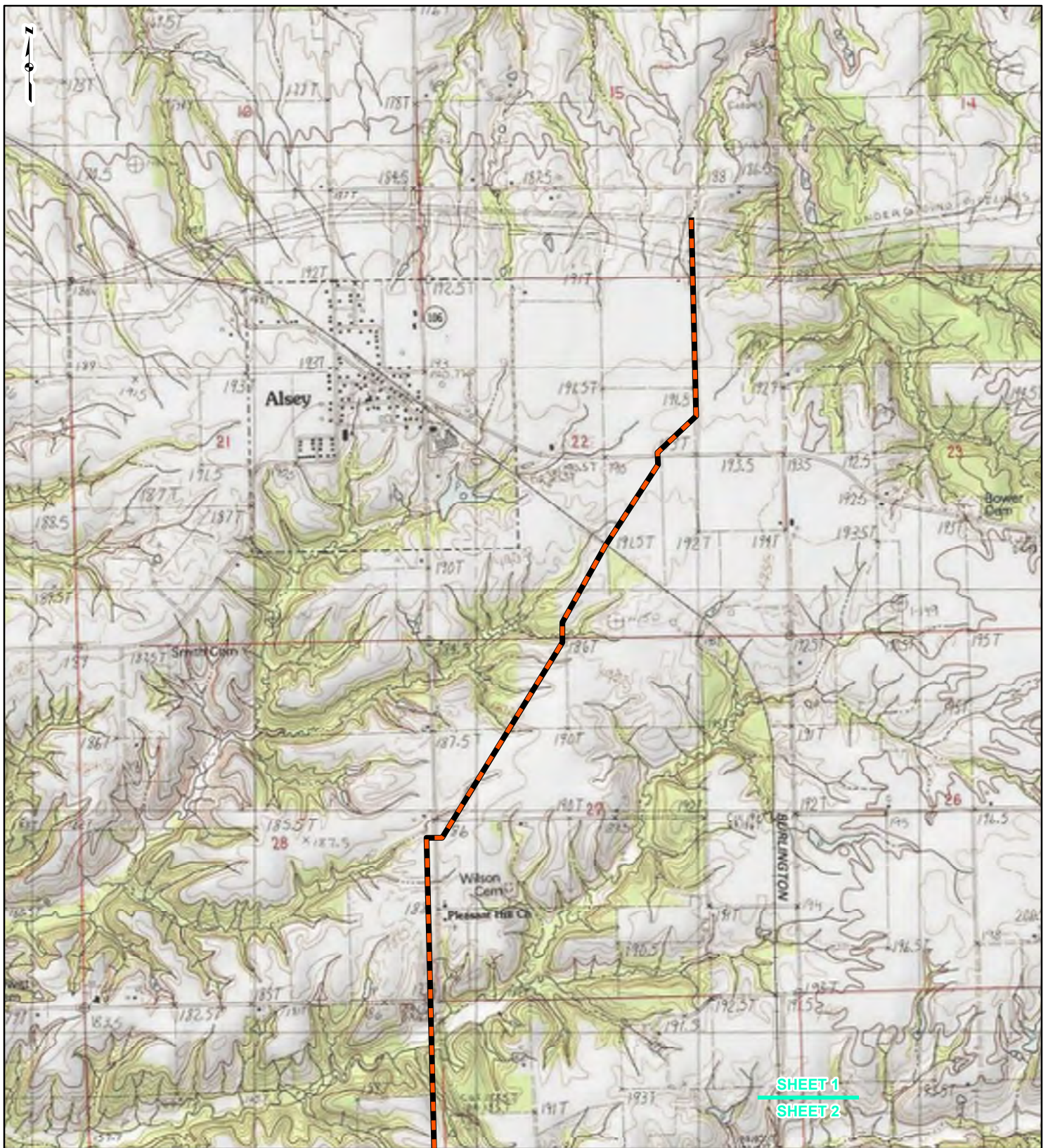


**FIGURE 1  
LOCATION MAP  
SHEET INDEX**

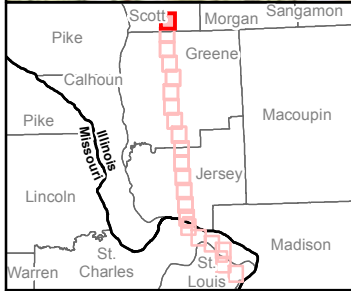


DRAWN BY: PMH      DATE: 7/28/2016  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: ESRI WORLD IMAGERY AND TRANSPORTATION, NAIP, USDA FSA, 2015, ACCESSED 07/2016.



SHEET 1  
SHEET 2



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

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

**Spire STL Pipeline**

DRAWN BY: PMH      DATE: 7/28/2016  
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 07/20/16.

SHEET 1  
SHEET 2

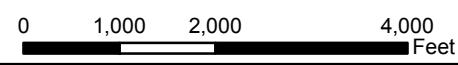


SHEET 2  
SHEET 3



### LEGEND

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

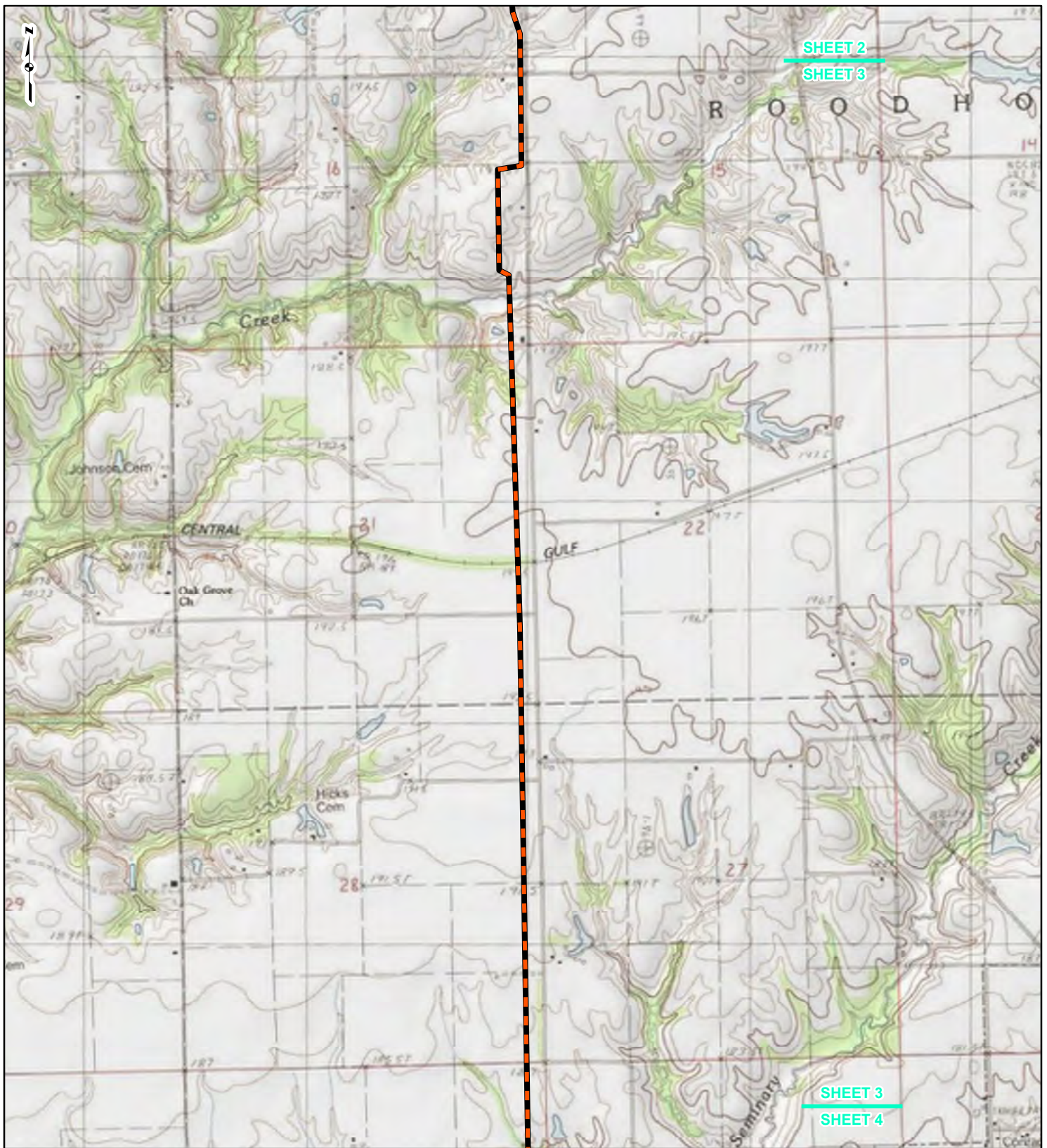


### FIGURE 1 LOCATION MAP SHEET 2 OF 21



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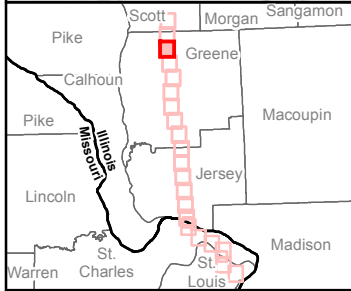


SHEET 2





SHEET 3

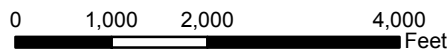
SHEET 3

SHEET 4



**LEGEND**

-  NEW BUILD 24-INCH DIAMETER PIPELINE
-  LINE 880 MODIFICATIONS
-  STATE BOUNDARY
-  COUNTY BOUNDARY

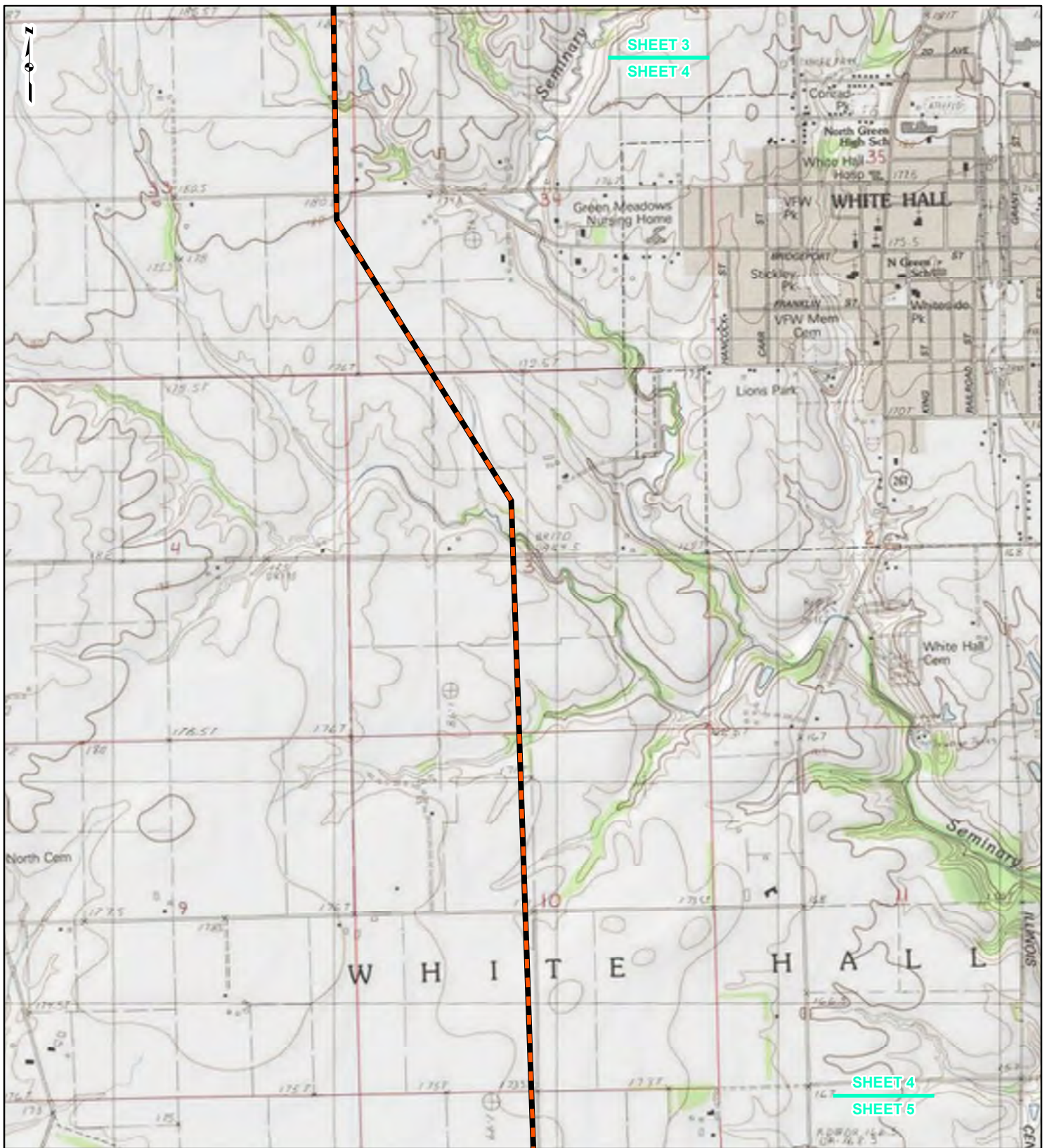


**FIGURE 1**  
LOCATION MAP  
SHEET 3 OF 21



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**LEGEND**

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- COUNTY BOUNDARY

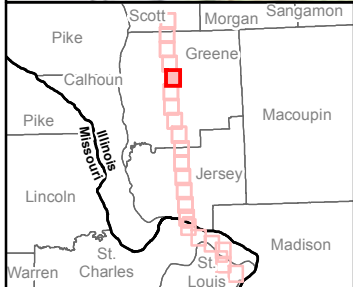
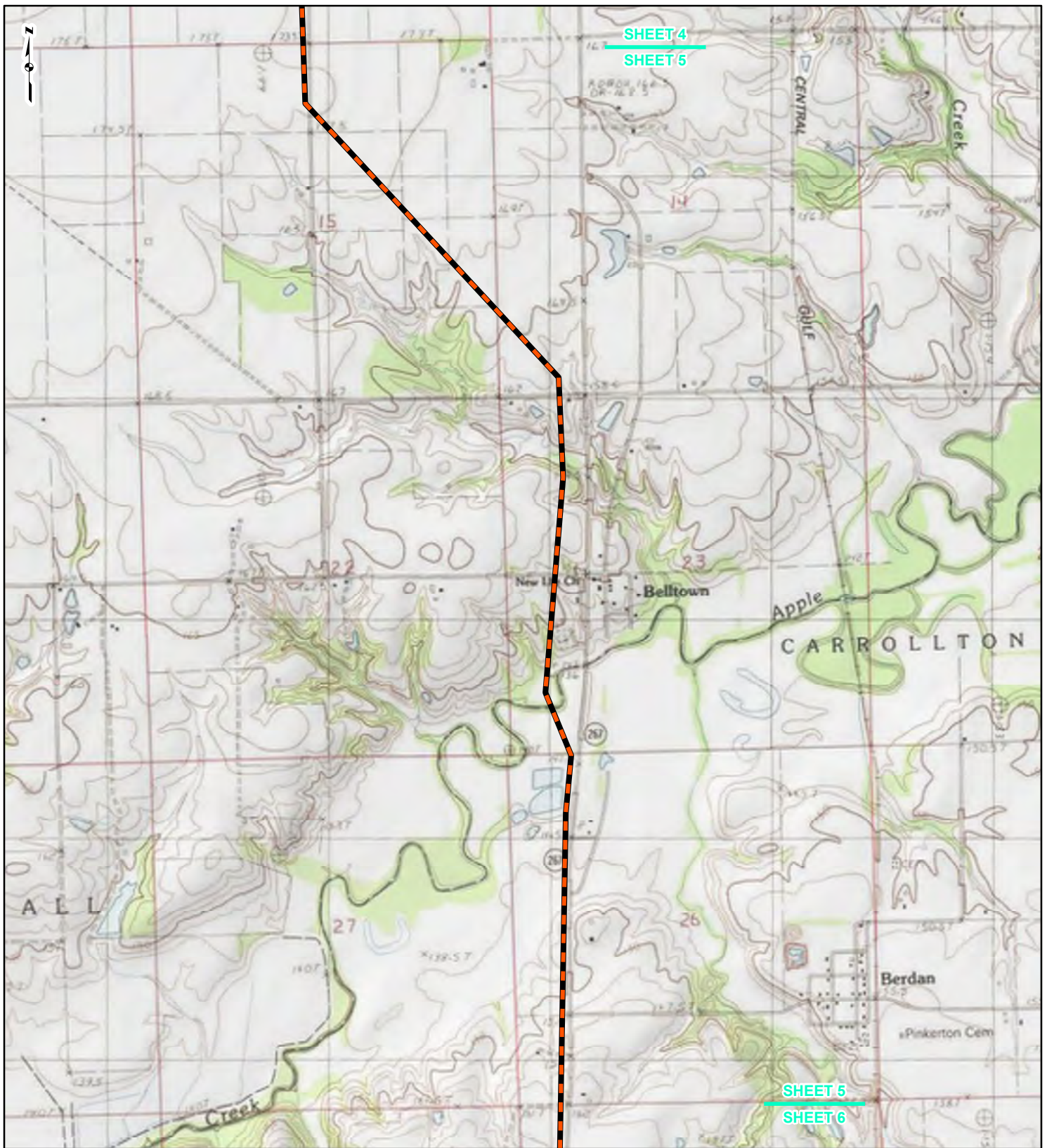
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**FIGURE 1**  
LOCATION MAP  
SHEET 4 OF 21



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**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

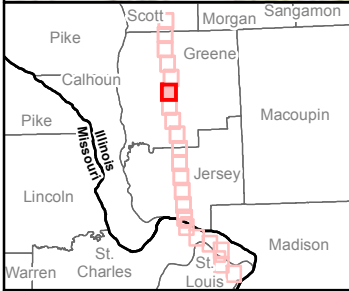
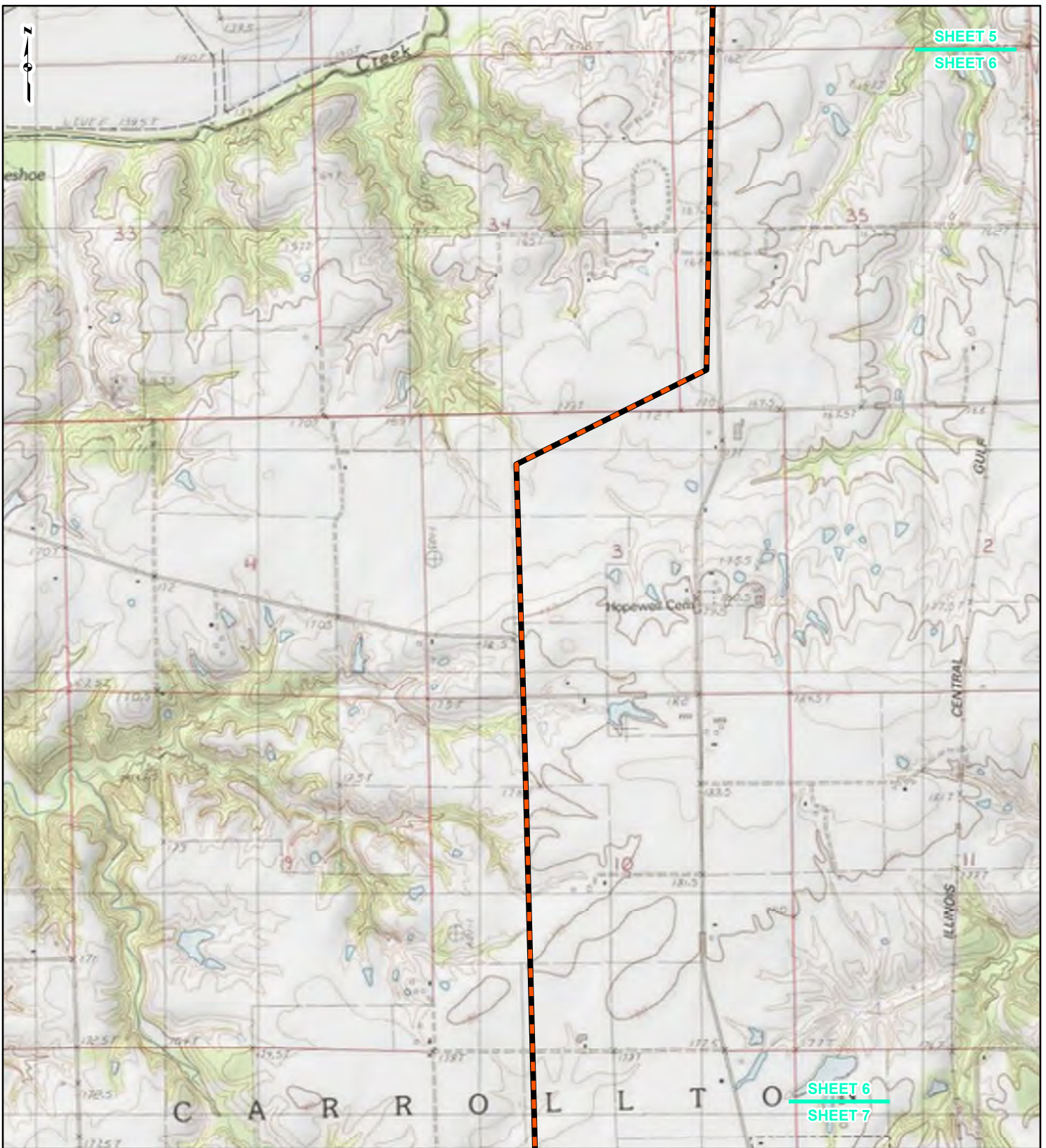
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**FIGURE 1**  
**LOCATION MAP**  
**SHEET 5 OF 21**



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**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
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- COUNTY BOUNDARY

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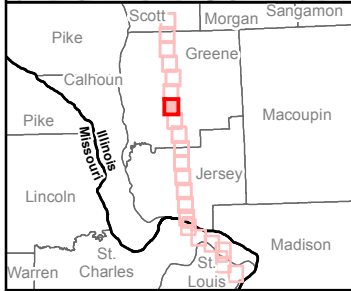
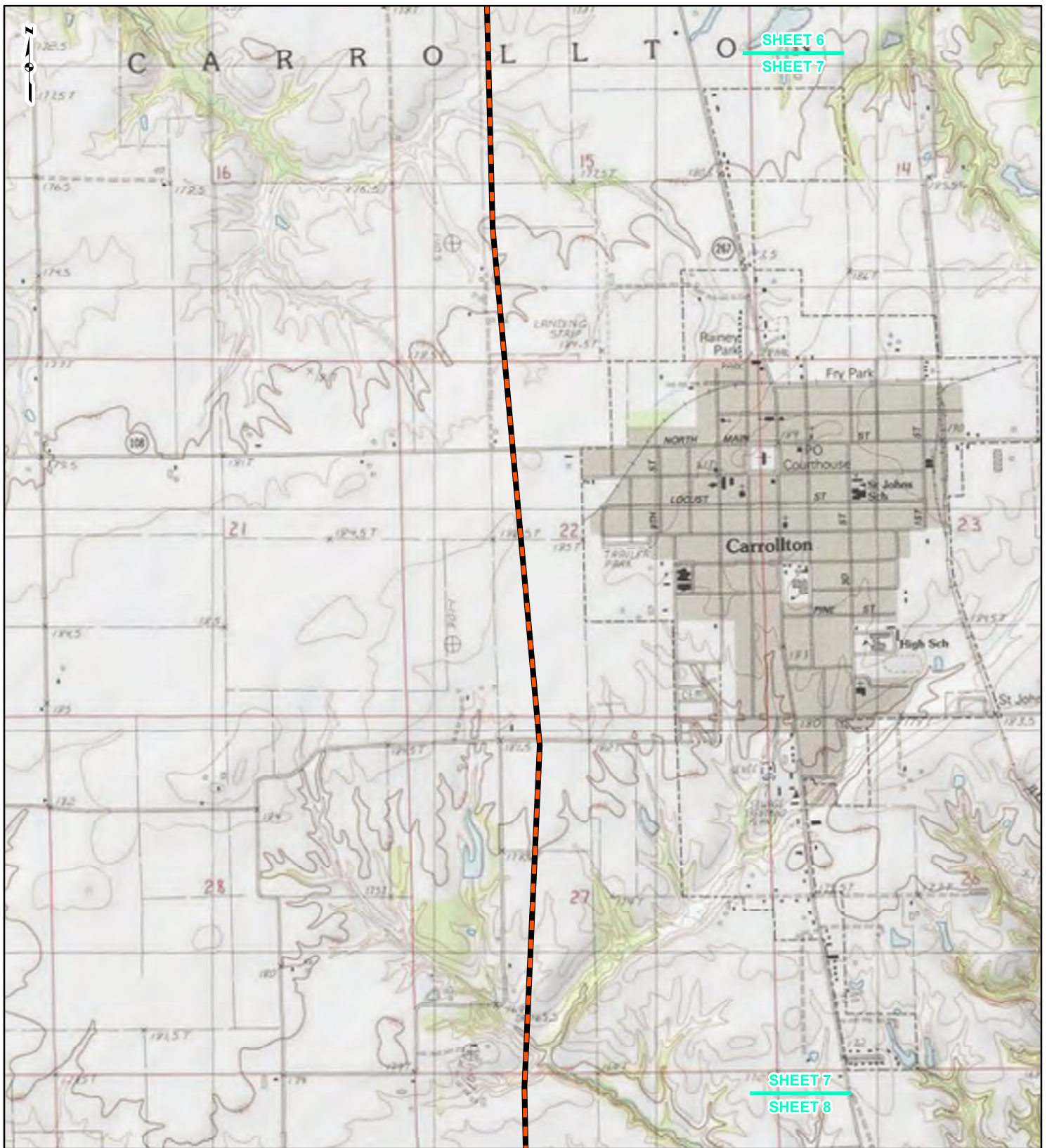
**FIGURE 1  
LOCATION MAP  
SHEET 6 OF 21**

**Spire STL Pipeline**

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**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
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- COUNTY BOUNDARY

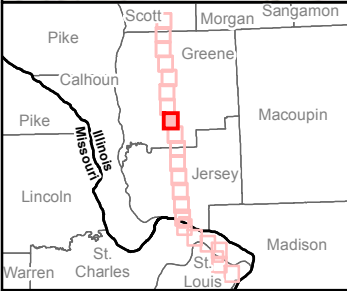
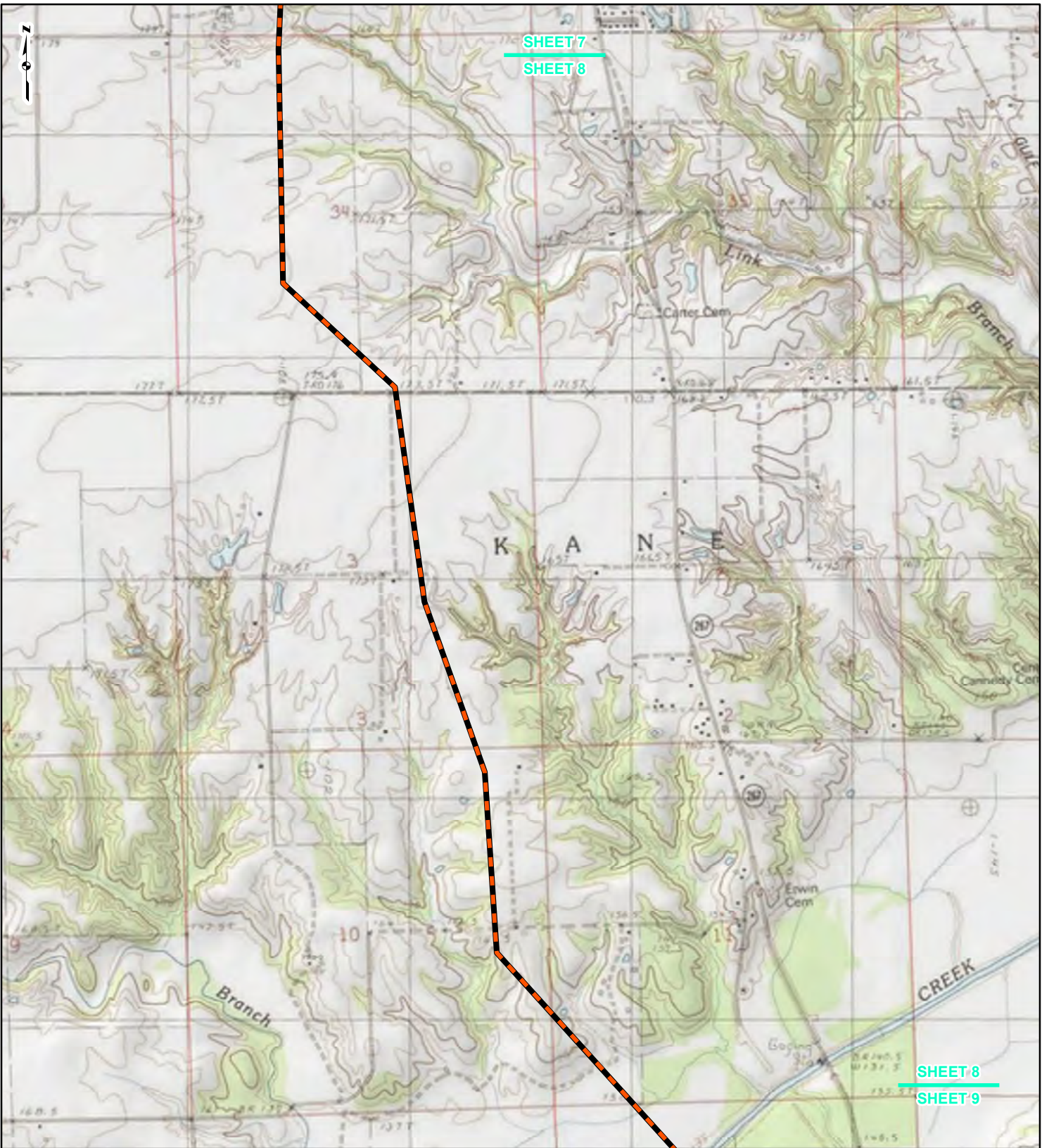
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**FIGURE 1**  
**LOCATION MAP**  
**SHEET 7 OF 21**

**Spire STL Pipeline**

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**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
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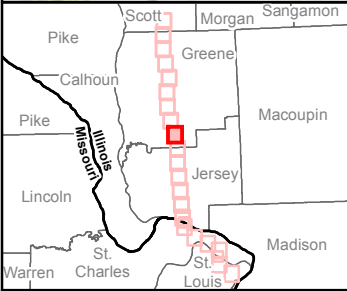
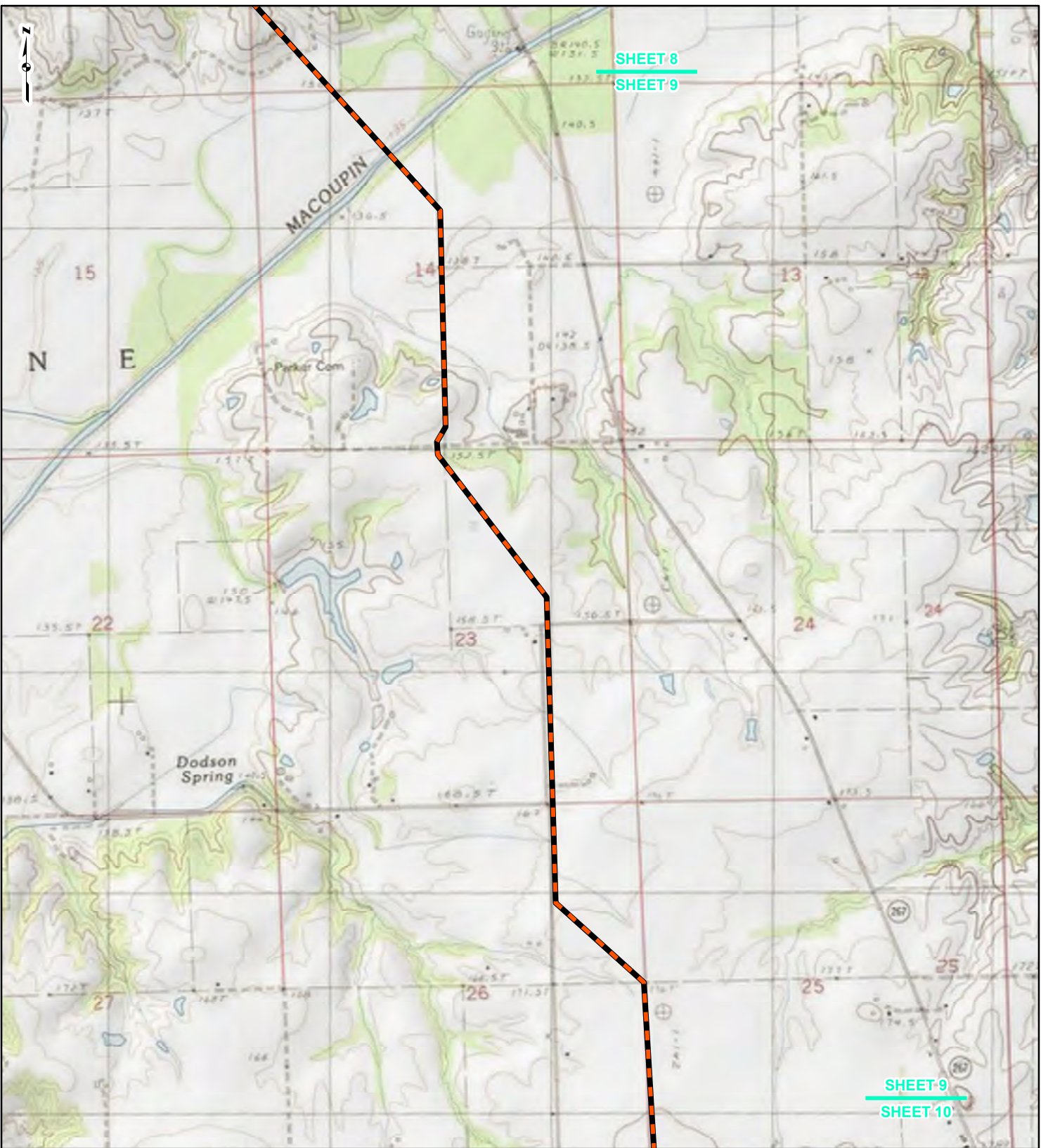
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**FIGURE 1**  
**LOCATION MAP**  
**SHEET 8 OF 21**



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**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
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- COUNTY BOUNDARY

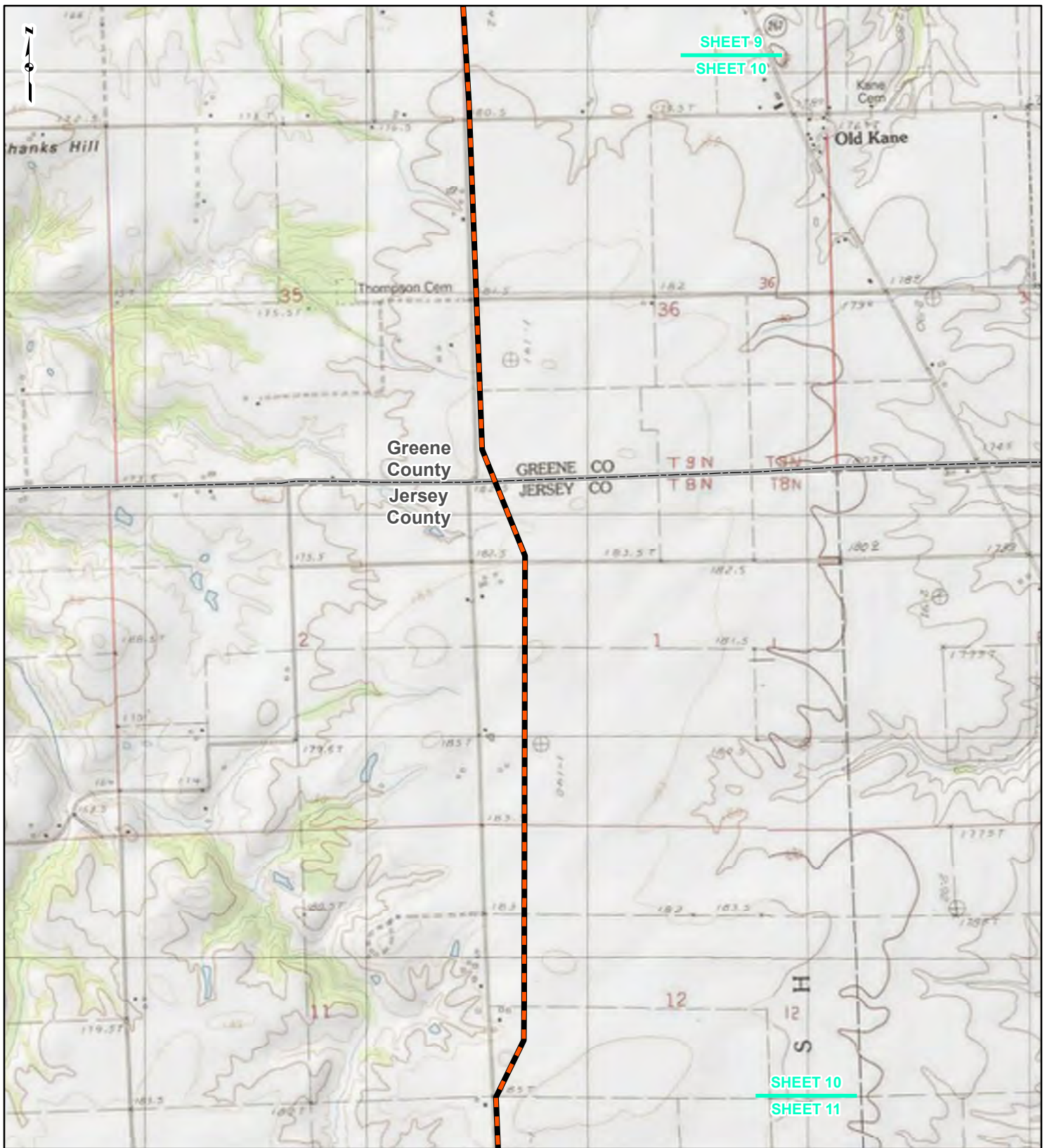
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**FIGURE 1**  
**LOCATION MAP**  
**SHEET 9 OF 21**

**Spire STL Pipeline**

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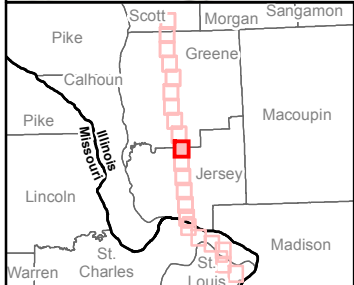


SHEET 9  
SHEET 10

SHEET 10  
SHEET 11

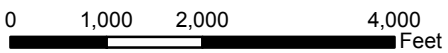
Greene  
County  
Jersey  
County

GREENE CO T9N T8N  
JERSEY CO T8N T7N



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
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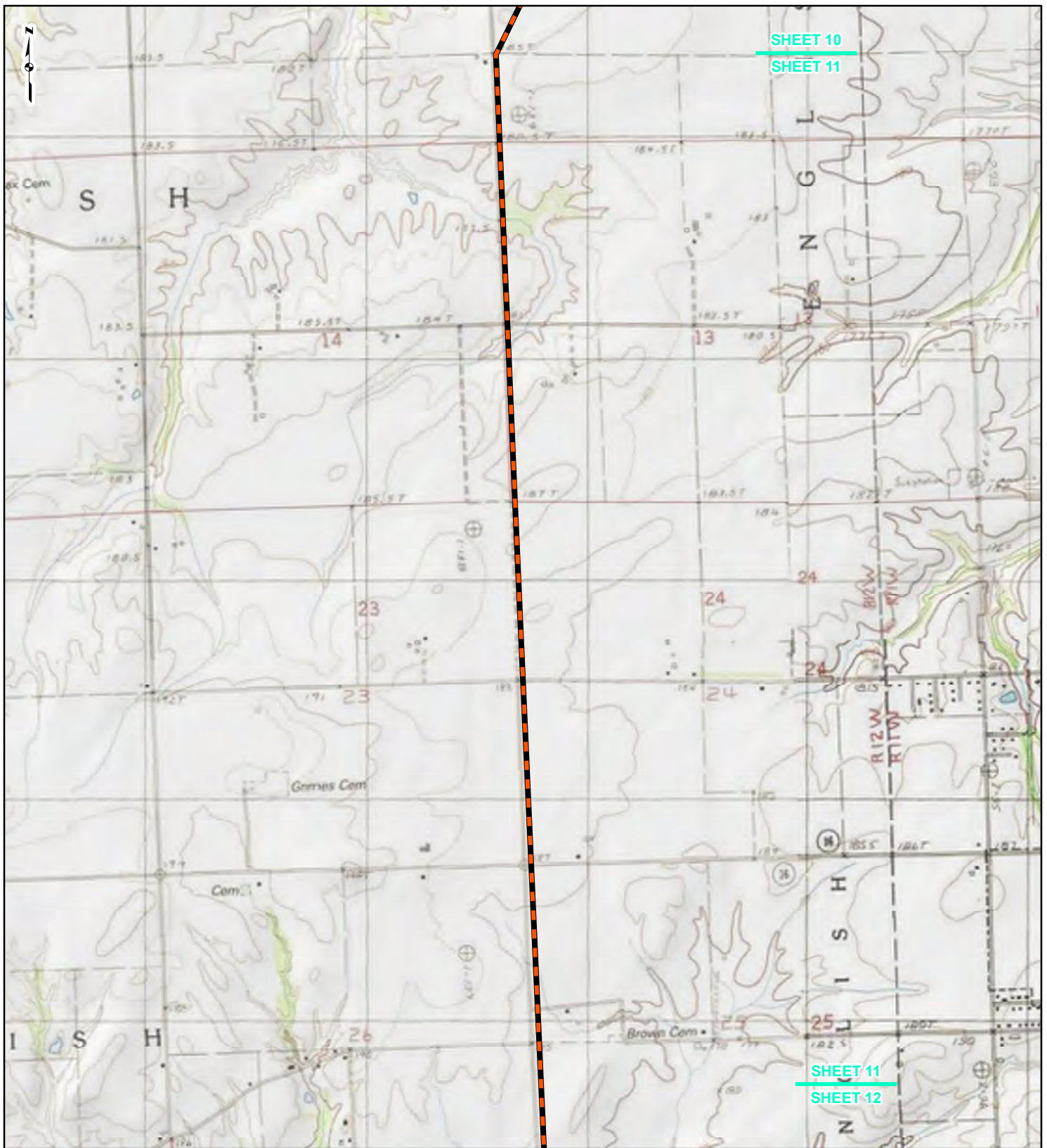


**FIGURE 1**  
**LOCATION MAP**  
**SHEET 10 OF 21**



DRAWN BY: PMH      DATE: 7/28/2016  
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**LEGEND**

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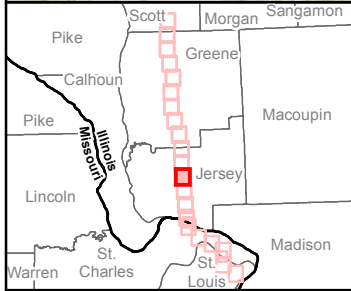
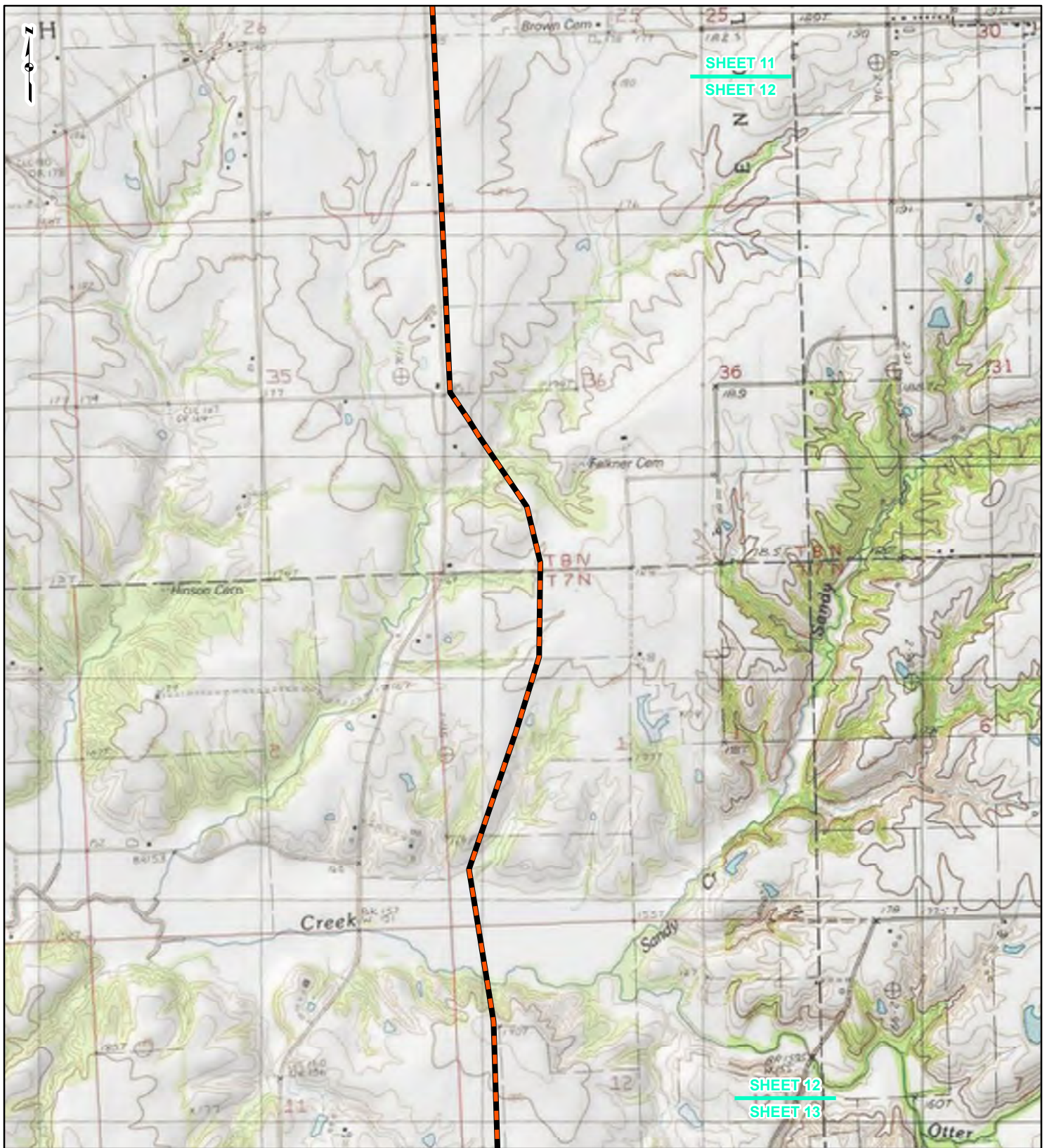
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**FIGURE 1**  
**LOCATION MAP**  
**SHEET 11 OF 21**



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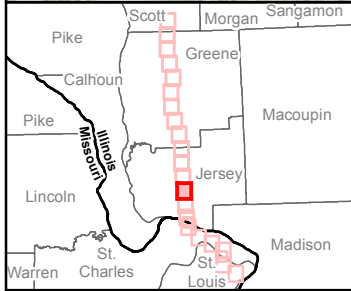
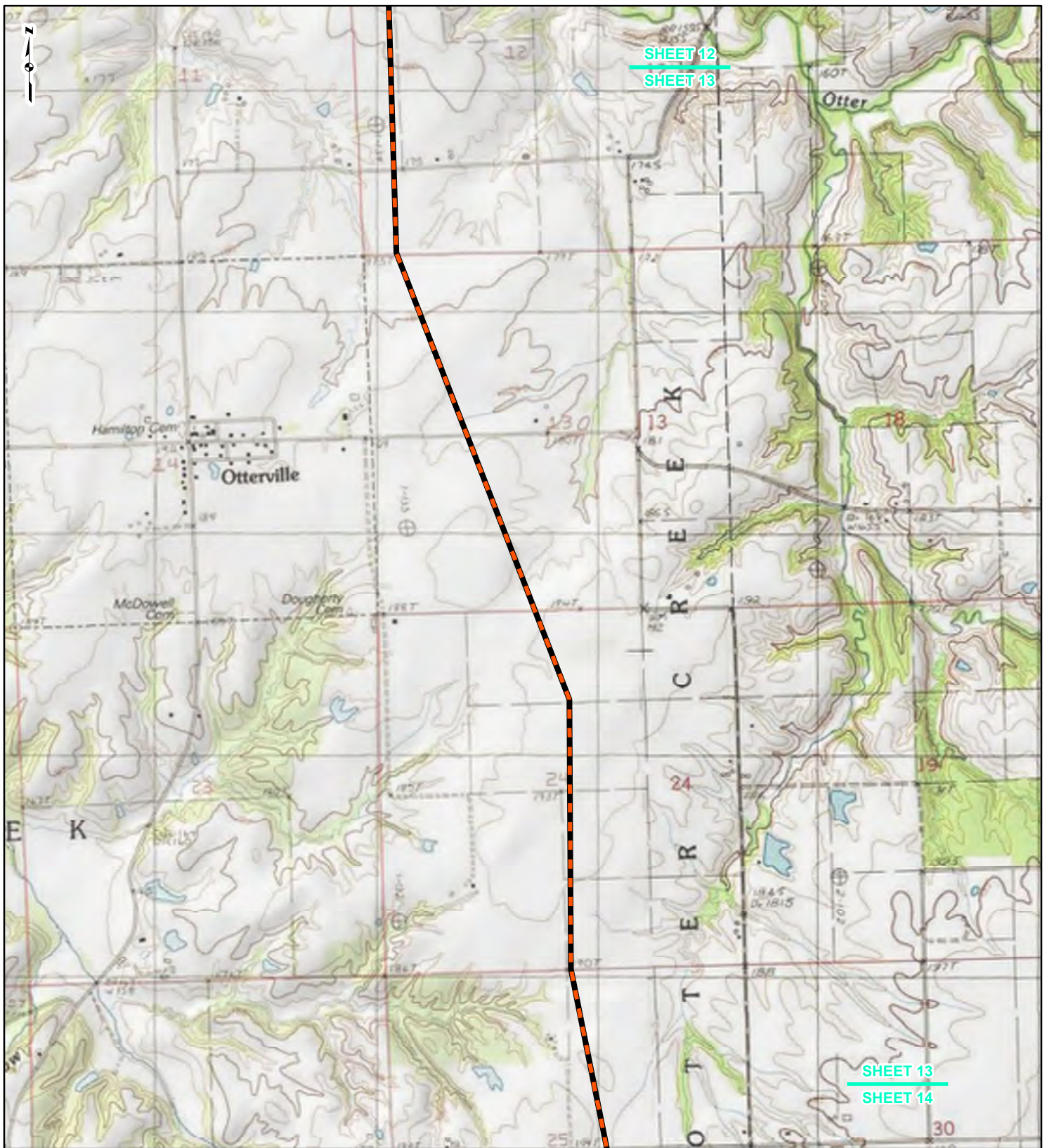
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**FIGURE 1**  
**LOCATION MAP**  
**SHEET 12 OF 21**

**Spire STL Pipeline**

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- STATE BOUNDARY
- COUNTY BOUNDARY

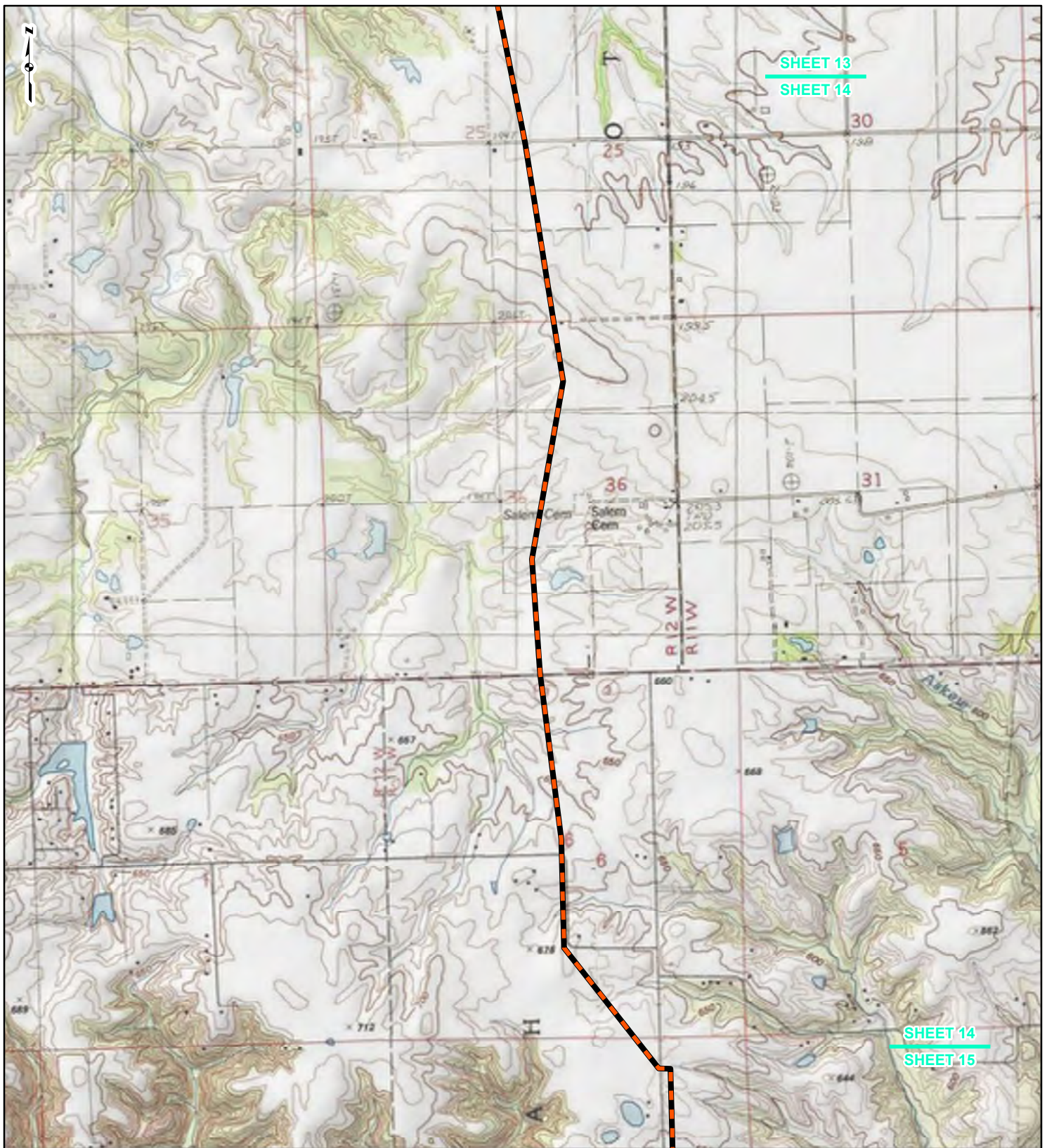
0      1,000      2,000      4,000  
Feet

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



DRAWN BY: PMH      DATE: 7/28/2016  
 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 07/20/16.



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

0      1,000      2,000      4,000  
Feet

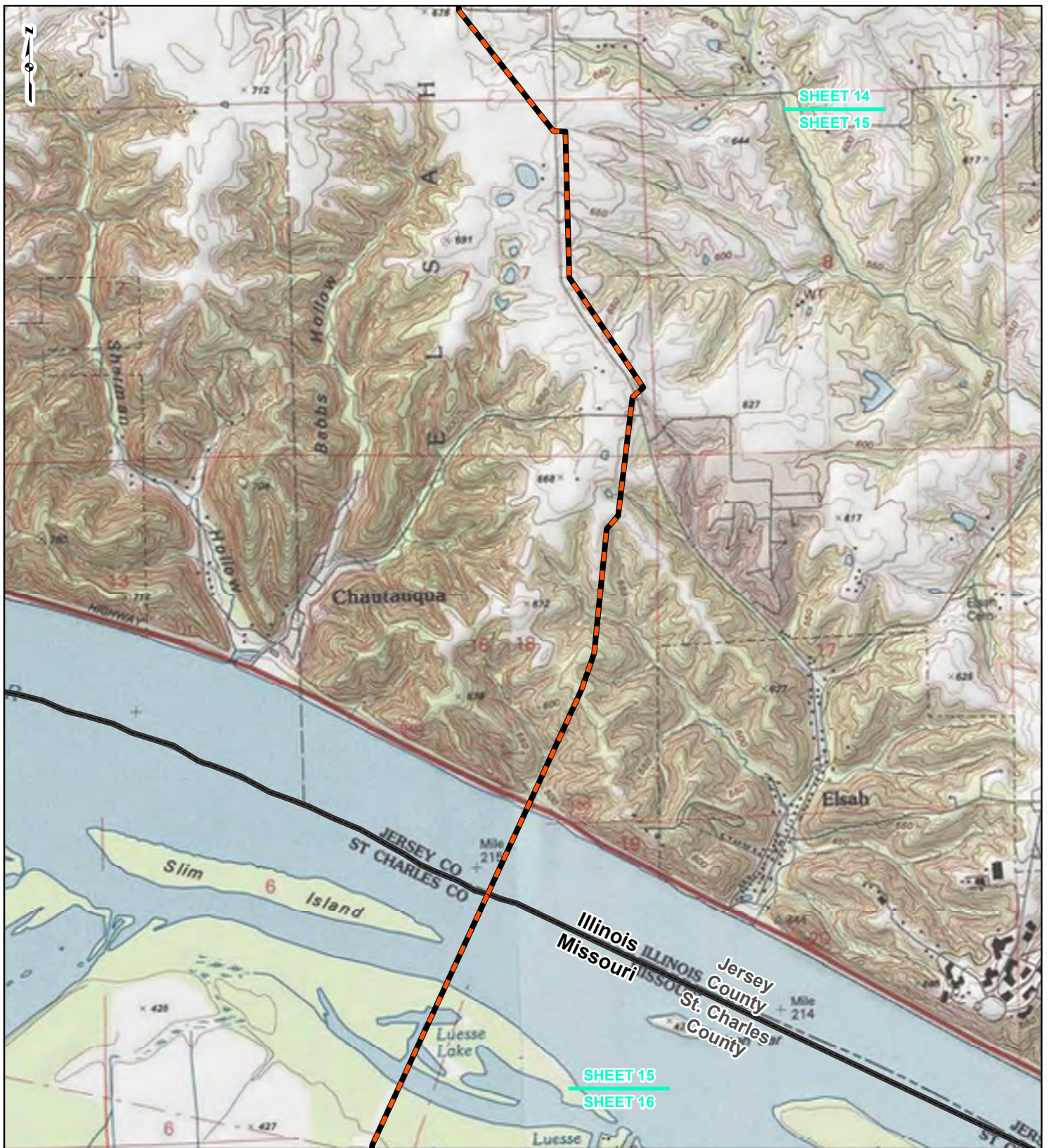
**FIGURE 1**  
**LOCATION MAP**  
**SHEET 14 OF 21**



DRAWN BY: PMH      DATE: 7/28/2016  
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 07/2016.





SHEET 14  
SHEET 15

SHEET 15  
SHEET 16



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

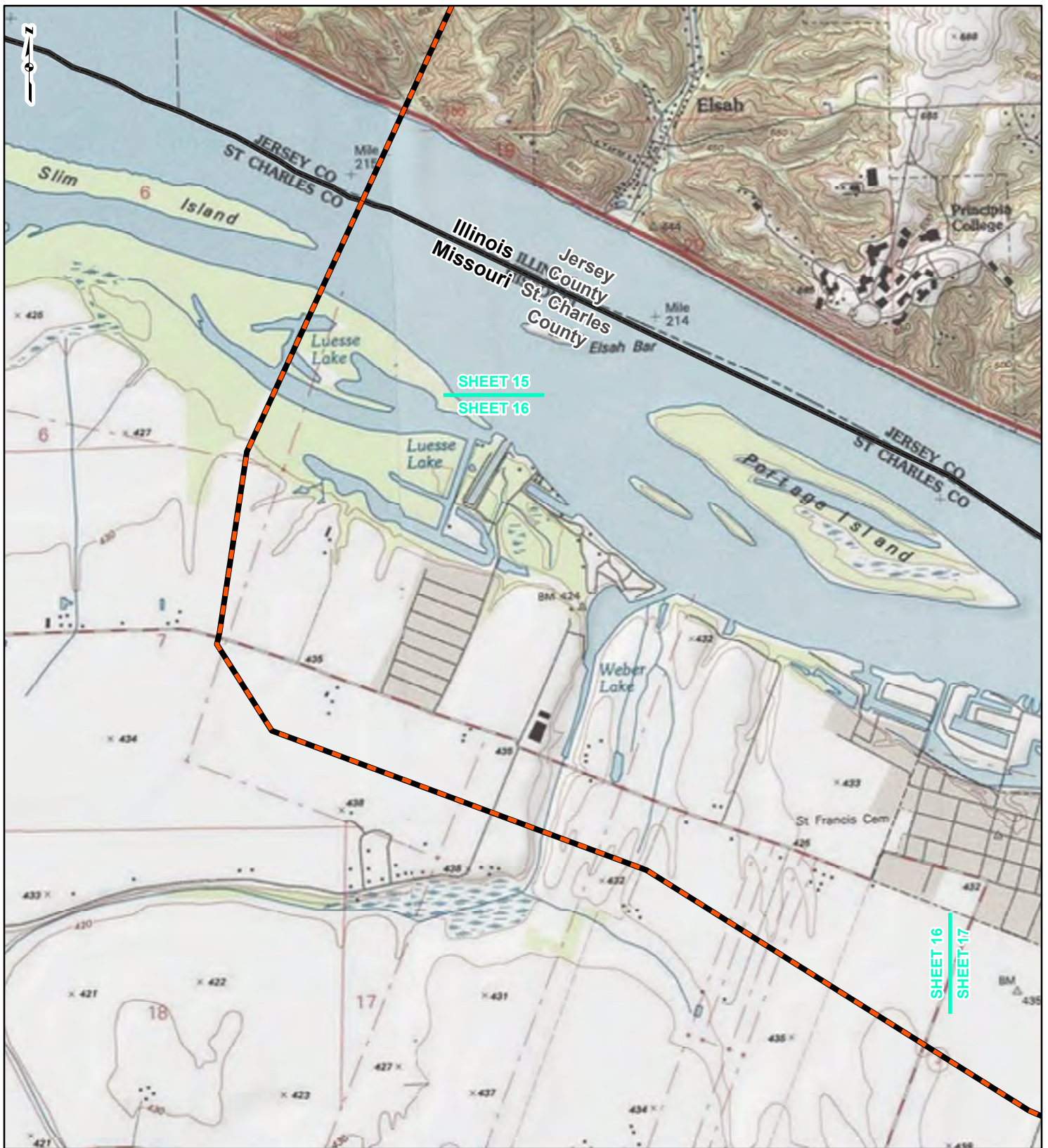
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**FIGURE 1**  
**LOCATION MAP**  
**SHEET 15 OF 21**



DRAWN BY: PMH      DATE: 7/28/2016  
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 07/2016.



SHEET 15  
SHEET 16

SHEET 16  
SHEET 17



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

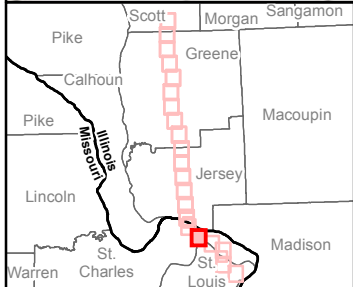
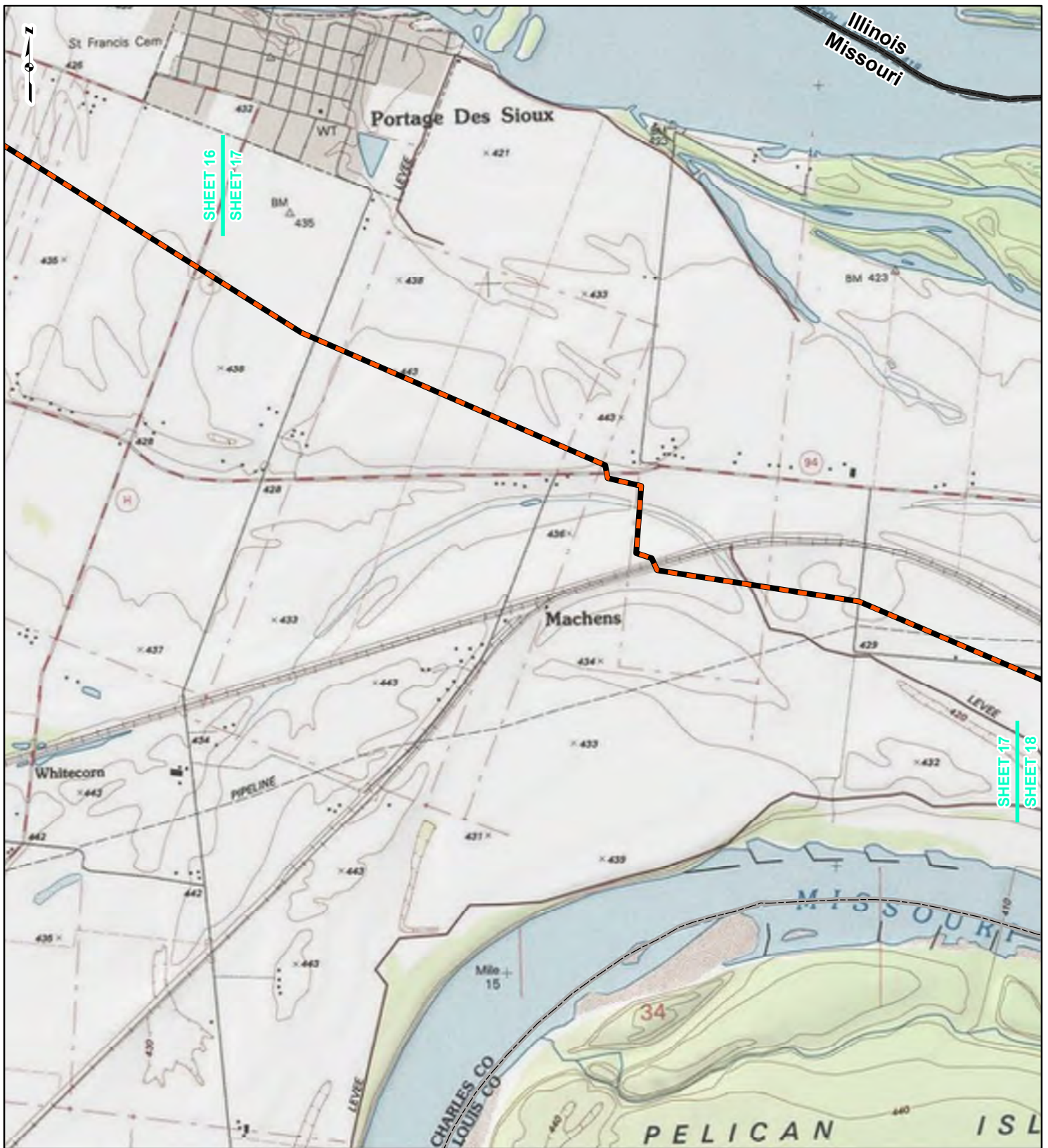
0      1,000      2,000      4,000  
Feet

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

**Spire STL Pipeline**

DRAWN BY: PMH      DATE: 7/28/2016  
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 07/2016.



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

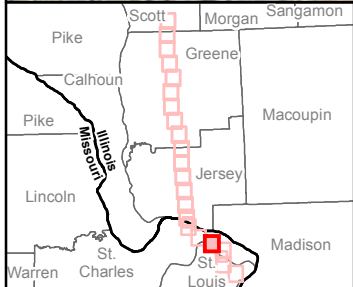
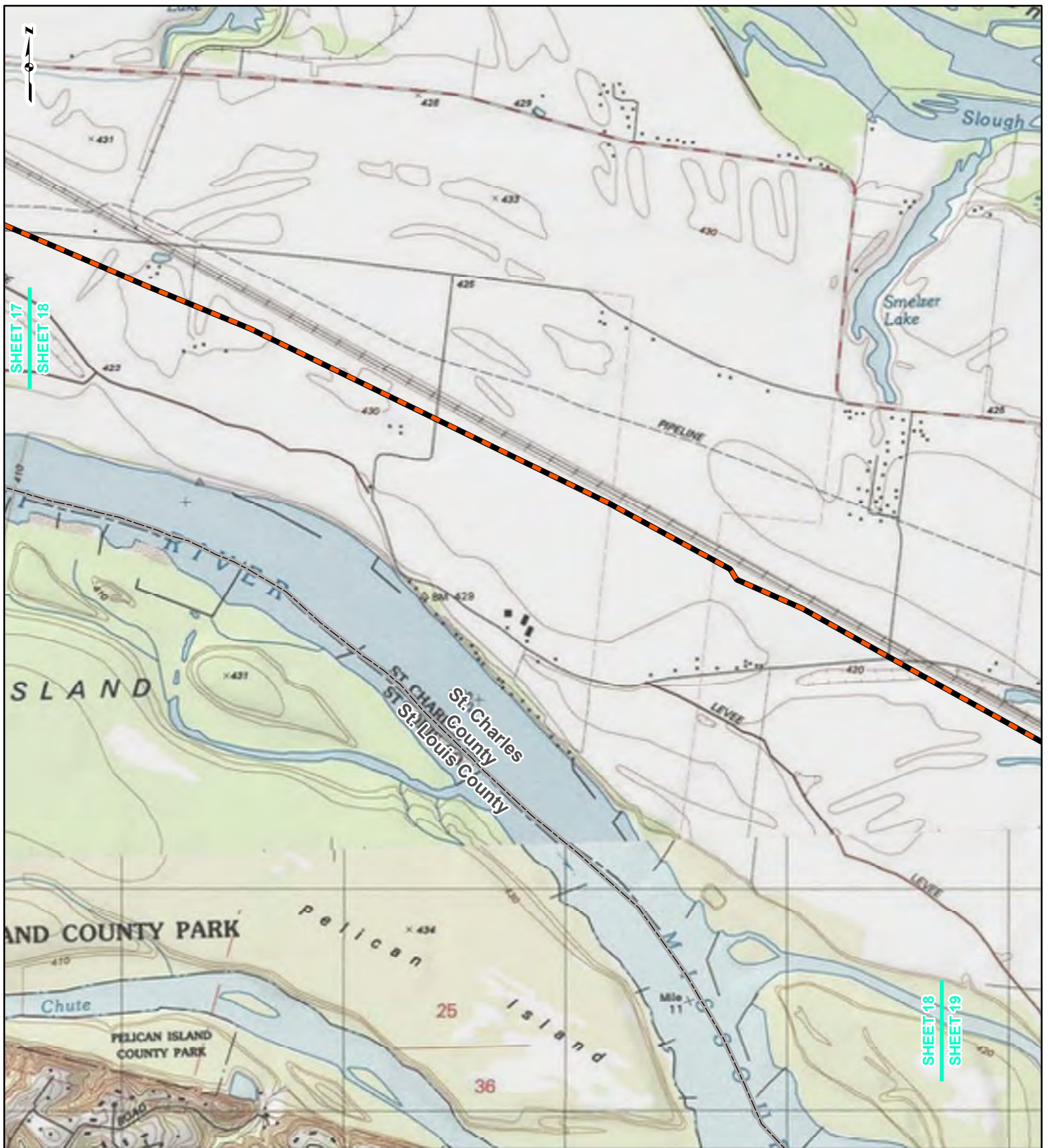
0      1,000      2,000      4,000  
Feet

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

**Spire STL Pipeline**

DRAWN BY: PMH      DATE: 7/28/2016  
 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 07/2016.



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

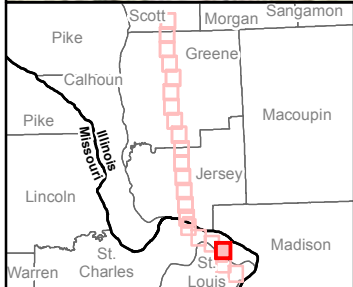
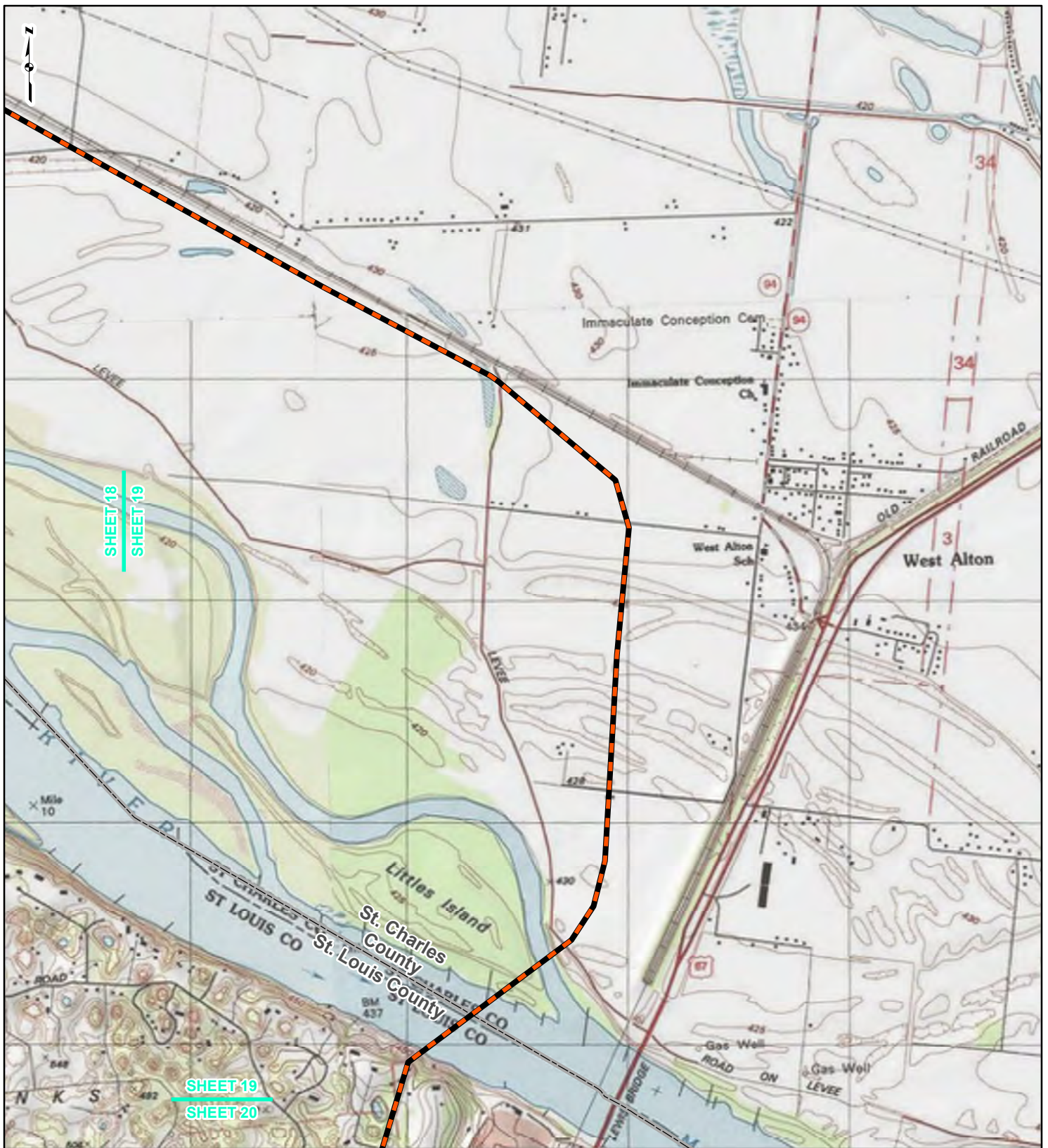
0      1,000      2,000      4,000  
Feet

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

**Spire STL Pipeline**

DRAWN BY: PMH      DATE: 7/28/2016  
 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 07/2016.



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

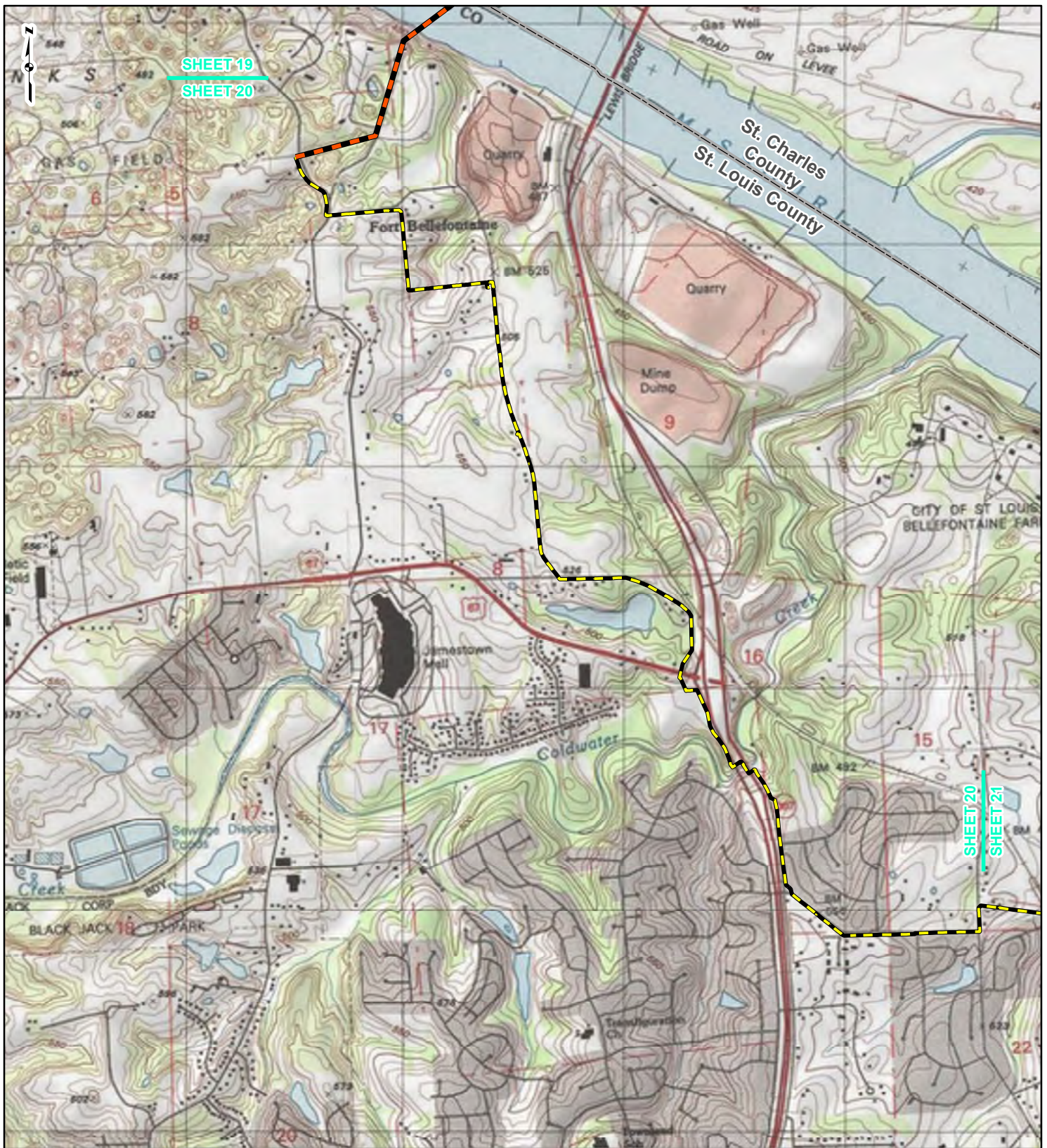
0      1,000      2,000      4,000  
Feet

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



DRAWN BY: PMH      DATE: 7/28/2016  
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 07/2016.



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

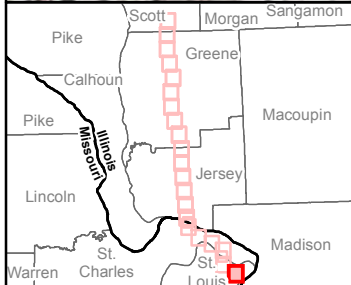
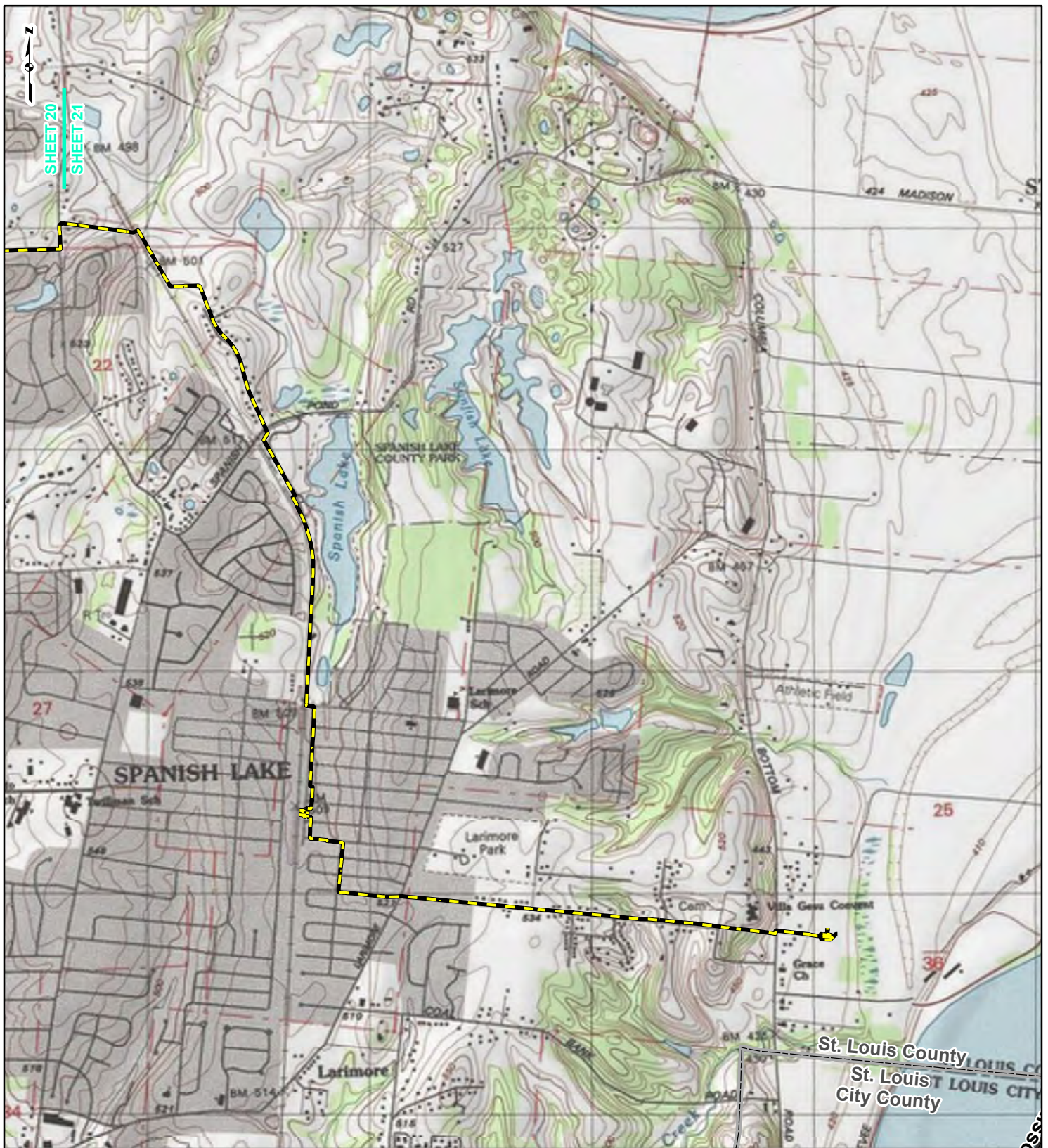
0      1,000      2,000      4,000  
Feet

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



DRAWN BY: PMH      DATE: 7/28/2016  
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 07/2016.



**LEGEND**

- - - NEW BUILD 24-INCH DIAMETER PIPELINE
- - - LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

0      1,000      2,000      4,000  
Feet

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

**Spire STL Pipeline**

DRAWN BY: PMH      DATE: 7/28/2016  
 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 07/2016.



July 29, 2016

Mr. Stan Crusius  
Greene County - Floodplain Management  
519 North Main Street  
Carrollton, IL 62016

**Re: Notice of Use of Pre-Filing Process  
Spire STL Pipeline  
Scott, Greene, and Jersey Counties, IL  
St. Charles and St. Louis Counties, MO**

Dear Mr. Crusius:

Spire STL Pipeline LLC ("Spire") is in the planning stages of the Spire STL Pipeline ("Project"). As proposed, the Project will serve the energy needs of residential, commercial and industrial customers in the eastern portion of Missouri, including the St. Louis metropolitan area and surrounding counties. The Project as proposed will consist of approximately 60 miles of new build 24-inch diameter steel pipeline (referred to as the "new build" portion of the Project) originating at an interconnection with 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 until crossing the Missouri river and tying into an existing 20-inch diameter steel transmission pipeline in St. Louis County, Missouri that is currently owned and operated by Laclede Gas Company ("LGC") (referred to as "Line 880"). Spire plans to purchase Line 880 from LGC and modify approximately nine miles of existing 20-inch diameter steel natural gas pipeline located in St. Louis County, Missouri that will connect the new build part of the Project to the Enable Mississippi River Transmission, LLC ("MRT") pipeline along the western bank of the Mississippi river in St. Louis County, Missouri. The total length of the entire Project will be approximately 70 miles.

Construction and operation of the proposed Project will be regulated by the Federal Energy Regulatory Commission ("Commission") among other regulatory agencies. Spire intends to utilize the Commission's pre-filing process detailed in Section 157.21 of the Commission's regulations, which allows the Commission and other agencies to initiate National Environmental Policy Act ("NEPA") review prior to Spire filing an application to the Commission. The Commission would need to issue Spire a Certificate of Public Convenience and Necessity to enable construction and operation of the proposed pipeline. The preliminary Project schedule includes the following target dates:

- July 22, 2016 - Commission acceptance into pre-filing; commencement of the NEPA process (pre-filing docket no. PF16-9-000);
- August 2016 (Anticipated) - biological and cultural resource surveys;
- January 2017 (Anticipated) - file final application with Commission;
- August 2017 (Anticipated) - NEPA document published;
- November 2017 (Anticipated) - Commission decision on application; and
- February 2018 (Anticipated) - commence construction activities.



On behalf of Spire, GAI would like to take this opportunity to invite the Greene County - Floodplain Management to participate in the review of this Project as a cooperating agency during the Commission's pre-filing process. We look forward to your involvement in the review of this important Project and appreciate your cooperation.

**Please note the intent of this letter is solely for the purpose of inviting you to participate in the Commission's NEPA pre-filing process. Specific and necessary consultations and/or applicable permit applications will be addressed to you under separate cover.**

If you have any questions or would like additional information, please feel free to contact me at 331.301.2002 or by e-mail at L.Ferry@gaiconsultants.com.

Sincerely,

**GAI Consultants, Inc.**

A handwritten signature in black ink that reads "Lori M. Ferry". The signature is written in a cursive, flowing style.

Lori M. Ferry  
Environmental Project Manager

LMF/gmg

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



## **Local Agencies and Governments – Jersey County, Illinois**

# telephone log



gai consultants

Date: 12/12/2016

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Project / Admin. No.: E160438.00

---

Call From: Andrea Halfhill

---

Company: GAI Consultants

---

Phone No.: 412-399-5521

---

Call To: Jersey County

---

Company: Planning/Zoning

---

Phone No.: 618-498-5571 x112

---

Subject: Planned Developments in Jersey County

---

cc:

---

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

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Andrea Halfhill called the Jersey County general number and spoke with Cindy Craigmiles. Andrea requested clarification of the properties mentioned in Craig McCraw's email from 12/9/2016. Cindy said that the homes are individual constructions located all across the county. Cindy said that as for the two commercial properties, one is located off of Centerline Road in the city of Jerseyville and the other is located up at Principia. Both properties are currently in construction.

## Ali Trunzo

---

**Subject:** RE: Spire STL Pipeline Information Request

---

**From:** Craig McGraw [<mailto:codeadmin@jerseycounty-il.us>]  
**Sent:** Friday, December 09, 2016 9:30 AM  
**To:** Andrea Halfhill <[A.Halfhill@gaiconsultants.com](mailto:A.Halfhill@gaiconsultants.com)>  
**Cc:** 'Jersey County Code Administrator' <[codeadmin1@jerseycounty-il.us](mailto:codeadmin1@jerseycounty-il.us)>  
**Subject:** RE: Spire STL Pipeline Information Request

Andrea,

This is a very broad question we have multiple projects going on in the county at any given time. We currently have 21 open projects meaning they are in construction currently, this includes roughly 19 new homes, 2 commercial projects (one somewhat close to the proposed route about a mile and a half roughly) and a few proposed homes waiting to start. I'm not sure if this is what you're looking for but it is hard to say what will be coming project wise in the future. Even for large projects we do not get an idea until maybe 6 months ahead of the project kick off. As far as major development plans in the county I am not aware of anything set to start in the near future except for the potential Hwy 67 extension which has been in the works for years. If this isn't what you need please let me know. Thanks

Craig McGraw  
Jersey County Code Administration  
200 N. Lafayette St., Suite 6  
Jerseyville, IL 62052  
Ph # 618-498-5571 ext. 145  
Fax # 618-498-2375  
[www.jerseycountyillinois.us](http://www.jerseycountyillinois.us)

---

**From:** Andrea Halfhill [<mailto:A.Halfhill@gaiconsultants.com>]  
**Sent:** Thursday, December 08, 2016 8:12 AM  
**To:** Craig McGraw  
**Subject:** RE: Spire STL Pipeline Information Request

Hi Craig,

I had emailed you previously regarding the Spire STL pipeline project to discuss planned residential, commercial, or other planned developments in the Project vicinity. Spire is preparing to file their environmental reports with the Federal Energy Regulatory Commission. When we last spoke there were none identified in the immediate Project area, but we now wanted to check in to see if there are any other developments within Jersey County as a whole that you are aware of at this time.

Thank you for your help!

Andrea

## Ali Trunzo

---

**From:** Andrea Halfhill  
**Sent:** Wednesday, November 09, 2016 2:59 PM  
**To:** Ali Trunzo  
**Subject:** FW: FERC Pipeline Project Soil Information Request

---

**From:** Blackorby, Jeff - NRCS-CD, Jerseyville, IL [mailto:Jeff.Blackorby@il.nacdnet.net]  
**Sent:** Thursday, November 03, 2016 12:49 PM  
**To:** Andrea Halfhill <A.Halfhill@gaiconsultants.com>  
**Subject:** RE: FERC Pipeline Project Soil Information Request

Hi Andrea,

You can access our Electronic Field office tech guide on the attached link. Click on the Illinois tab to open, then click on Jersey county on the map to open our county specs.

Jeff

Jeff Blackorby  
Resource Conservationist  
Certified Professional in Erosion and Sediment Control (CPESC)  
Jersey County Soil and Water Conservation District  
604 East Franklin  
Jerseyville, Illinois 62052  
618-498-3712 ext. 3

---

**From:** Andrea Halfhill [mailto:A.Halfhill@gaiconsultants.com]  
**Sent:** Wednesday, September 28, 2016 12:04 PM  
**To:** Blackorby, Jeff - NRCS-CD, Jerseyville, IL <Jeff.Blackorby@il.nacdnet.net>  
**Subject:** FW: FERC Pipeline Project Soil Information Request

Hi Jeff,

I just wanted to follow up with you and see if you had a chance to take a look at this information. We also have shapefiles available that we could send if that would be helpful.

Thank you for your time!

Andrea

---

**From:** Andrea Halfhill  
**Sent:** Wednesday, September 07, 2016 2:47 PM  
**To:** 'jeff.blackorby@il.nacdnet.net' <jeff.blackorby@il.nacdnet.net>  
**Subject:** FERC Pipeline Project Soil Information Request

Good afternoon,

We are researching information on behalf of Spire STL Pipeline LLC, for the Spire STL Pipeline Project as described below. As part of the FERC application, we will be consulting with land management agencies and local soil conservation authorities to request any recommendations you may have for seed mixes, seeding dates, application rates for fertilizer and lime, erosion controls, and noxious weed controls. We are also looking for any specific restoration and/or seeding plans that may be required or recommended by your agency or any requirements for what species and fertilizers should be used on areas disturbed by construction to generate growth.

I have attached some preliminary mapping for your use in reviewing the project footprint.

Any information you can pass along is greatly appreciated!

**Description of the Project:**

Spire STL Pipeline LLC (“Spire”), a wholly owned subsidiary of Spire Inc., is seeking authorization from the Federal Energy Regulatory Commission (“FERC”) pursuant to Section 7(c) of the Natural Gas Act to construct and operate the proposed Spire STL Pipeline Project (“Project”) located in Scott, Greene, and Jersey Counties, Illinois, and St. Charles and St. Louis Counties, Missouri. The Project as proposed will consist of approximately 57.4 miles of new build 24-inch-diameter steel pipeline (referred to as the “new build” 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 new build 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, including its appurtenant and ancillary facilities, from LGC and modify the pipeline before placing it in interstate service. Line 880 consists of approximately 7.6 miles of existing 20-inch-diameter steel natural gas pipeline located in St. Louis County, Missouri that will connect the new build 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. The total length of the Project pipelines will be approximately 65.0 miles. The overall design capacity of the pipeline is expected to be 400,000 dekatherms per day (“Dth/d”). No compression will be required. The Project as proposed will include pipeline interconnects with REX in Illinois and LGC and Enable MRT in Missouri. The Project will also include the construction of minor aboveground facilities.

Thank you,

*Andrea*

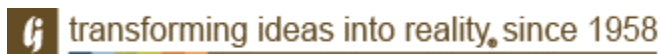
**Andrea M. Halfhill, B.A, B.S.**  
Project Environmental Specialist

**GAI Consultants**

6000 Town Center Blvd., Suite 300, Canonsburg, PA 15317

T 724.873.3545 | D 412.399.5521 | M 724.344.0124 | [gaiconsultants.com](http://gaiconsultants.com) |     

\* Please update your records with my new direct telephone number



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## Ali Trunzo

---

**To:** Jayme Fuller; Lori Ferry  
**Cc:** Erin Matthews  
**Subject:** RE: Spire STL Pipeline

**From:** [lithasia@gmail.com](mailto:lithasia@gmail.com) [<mailto:lithasia@gmail.com>] **On Behalf Of** Chris Phillips

**Sent:** Monday, October 17, 2016 1:40 PM

**To:** Jayme Fuller <[J.Fuller@gaiconsultants.com](mailto:J.Fuller@gaiconsultants.com)>

**Subject:** Re: Spire STL Pipeline

Jayme:

The warm weather over the past few weeks required us to push the survey dates back. The surveys were conducted this past weekend, so I imagine Scott will have his report to IDNR in a week or so.

Chris

On Mon, Oct 17, 2016 at 12:33 PM, Jayme Fuller <[J.Fuller@gaiconsultants.com](mailto:J.Fuller@gaiconsultants.com)> wrote:

Hi Chris,

I wanted to follow up with you to see if the survey has been completed and the results turned into IDNR.

Thanks!

Jayme L. Fuller, Environmental Manager

**GAI Consultants, Inc.**

Charleston Office | 300 Summers Street, Suite 1100, Charleston WV 25301

Indianapolis Office | 6420 Castleway West, Indianapolis, IN 46250

[1-234-203-0763](tel:1-234-203-0763) | C [614.499.6258](tel:614.499.6258) |     

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## Ali Trunzo

---

**From:** Andrea Halfhill  
**Sent:** Thursday, October 06, 2016 4:36 PM  
**To:** Ali Trunzo  
**Subject:** FW: Spire STL Pipeline Information Request

---

**From:** Craig McGraw [mailto:codeadmin@jerseycounty-il.us]  
**Sent:** Thursday, October 06, 2016 4:33 PM  
**To:** Andrea Halfhill <A.Halfhill@gaiconsultants.com>  
**Subject:** RE: Spire STL Pipeline Information Request

Andrea,

As of right now we have no subdivisions planned or commercial projects planned in the immediate area of the proposed pipeline.

Craig McGraw  
Jersey County Code Administration  
200 N. Lafayette St., Suite 6  
Jerseyville, IL 62052  
Ph # 618-498-5571 ext. 145  
Fax # 618-498-2375  
[www.jerseycountyillinois.us](http://www.jerseycountyillinois.us)

---

**From:** Andrea Halfhill [mailto:A.Halfhill@gaiconsultants.com]  
**Sent:** Thursday, October 06, 2016 1:23 PM  
**To:** Craig McGraw  
**Subject:** RE: Spire STL Pipeline Information Request

Let's see if the attached works! I also received better mapping than I'd sent previously.

Let me know if there are any problems with these files. Sorry about that!

Thanks,

Andrea

---

**From:** Craig McGraw [mailto:codeadmin@jerseycounty-il.us]  
**Sent:** Thursday, October 06, 2016 11:34 AM  
**To:** Andrea Halfhill <A.Halfhill@gaiconsultants.com>  
**Subject:** RE: Spire STL Pipeline Information Request

Andrea,

I can't open any of the attachments you sent for some reason is there another file form you could send them in?

Craig McGraw  
Jersey County Code Administration  
200 N. Lafayette St., Suite 6

Jerseyville, IL 62052  
Ph # 618-498-5571 ext. 145  
Fax # 618-498-2375  
[www.jerseycountyillinois.us](http://www.jerseycountyillinois.us)

---

**From:** Andrea Halfhill [<mailto:A.Halfhill@gaiconsultants.com>]  
**Sent:** Thursday, October 06, 2016 9:54 AM  
**To:** [codeadmin1@jerseycounty-il.us](mailto:codeadmin1@jerseycounty-il.us); [codeadmin@jerseycounty-il.us](mailto:codeadmin@jerseycounty-il.us)  
**Subject:** Spire STL Pipeline Information Request

Hi Craig,

We just spoke a bit ago about some information we are looking for regarding the proposed Spire Pipeline Project. Attached are some preliminary shapefiles for the project. We appreciate any information/help you can provide.

Again we are looking for information regarding planned residential or commercial/business developments and subdivisions that would be crossed by or within 1 mile of our project area.

Thank you!

*Andrea*

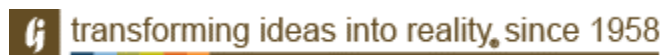
**Andrea M. Halfhill, B.A, B.S.**  
Project Environmental Specialist

**GAI Consultants**

6000 Town Center Blvd., Suite 300, Canonsburg, PA 15317

T 724.873.3545 | D 412.399.5521 | M 724.344.0124 | [gaiconsultants.com](http://gaiconsultants.com) |     

\* Please update your records with my new direct telephone number



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# telephone log



gai consultants

Date: 10/6/16

---

Project / Admin. No.: E160438.00

---

Call From: Andrea Halfhill

---

Company: GAI Consultants

---

Phone No.: 412-399-5521

---

Call To: Craig McGraw

---

Company: Jersey County, Illinois, Planning and Zoning

---

Phone No.: 618-498-5571, ext. 112

---

Subject: Planned Developments

---

cc:

---

## Summary of Discussion, Decisions, and Commitments:

Andrea Halfhill called the Jersey County general number and spoke with Craig McGraw of the Planning and Zoning Department. Craig indicated that he had heard of the Project and had seen some preliminary mapping awhile back. Andrea explained that we are looking for information on planned residential and/or commercial subdivisions within 1 mile of the Project for discussion and analysis in our FERC filing. Craig requested some additional information and provided the email addresses to send it to: [codeadmin@jerserycounty-il.us](mailto:codeadmin@jerserycounty-il.us) and [codeadmin1@jerseycounty-il.us](mailto:codeadmin1@jerseycounty-il.us). Craig said once they receive the shapefiles and mapping, he would take a look and get back to me as soon as they have the chance.

# telephone log



gai consultants

Date: 9/1/2016

---

Project / Admin. No.: E160438.00

---

Call From: Jayme Fuller

---

Company: GAI Consultants

---

Phone No.: 234-203-0763

---

Call To: Chris Phillips

---

Company: University of Illinois

---

Phone No.: 217-244-7077

---

Subject: Timber Rattlesnake Surveys

---

cc:

---

## Summary of Discussion, Decisions, and Commitments:

---

I spoke with Chris and he said that Principia would be writing the findings report for the timber rattlesnake surveys and submitting to DNR within a week of survey completion. They will send us a courtesy email letting us know when they have submitted the report to DNR. From there we have to speak with DNR about any potential findings that may affect our survey corridor. Specifically they will be sending their report to Jenny Skufca and Joe Kath that are in the Endangered Species Program office through the Heritage Database. DNR will likely not share the exact locations of the snakes if they are found in our corridor but we can work with them as far as mitigation measures, avoidance, etc.

DNR and Principia had discussions this week and Principia is sending in their reports for all species they have surveyed last year and this year within the next couple weeks. We can also talk to DNR about last year's data when they have the reports.

I mentioned to Chris that we have been trying to get survey permission to complete stream and wetland surveys and Chris said they are aware of that. The biology department has weighed in on comments to the request to the board of directors and the decision is pending with the board.

## Ali Trunzo

---

**From:** lithasia@gmail.com on behalf of Chris Phillips <caphilli@illinois.edu>  
**Sent:** Thursday, September 01, 2016 11:25 AM  
**To:** Jayme Fuller  
**Cc:** Lori Ferry; Ali Trunzo; Scott Eckert; Scott Ballard; Skufca, Jenny; Joe Kath  
**Subject:** Re: Spire STL Pipeline

Jayme:

I (and my crew) have been invited by Scott Eckert of Principia College to join his crew on their annual fall surveys at Principia (including the pipeline site) the first week in October. This is one of the best times to conduct TRS surveys as the snakes are back at the dens. As soon as the surveys are finished, Scott will submit the results to IDNR. I will pick up the cost of our involvement.

Chris

On Thu, Sep 1, 2016 at 9:14 AM, Jayme Fuller <[J.Fuller@gaiconsultants.com](mailto:J.Fuller@gaiconsultants.com)> wrote:

Hi Chris,

I wanted to follow up and see if you have heard anything for potential field surveys? Also can you give me some insight on the survey season window for the snake? I am trying to assess if there is enough time left to survey this year.

Thanks

Jayme L. Fuller, Environmental Manager

**GAI Consultants, Inc.**

6420 Castleway West, Indianapolis, IN 46250

[1-234-203-0763](tel:1-234-203-0763) | C [614.499.6258](tel:614.499.6258) |     

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## Ali Trunzo

---

**From:** Jayme Fuller  
**Sent:** Monday, August 29, 2016 2:29 PM  
**To:** Lori Ferry; Ali Trunzo  
**Subject:** FW: Spire STL Pipeline

FYI see below

Jayme L. Fuller, Environmental Manager

### **GAI Consultants, Inc.**

6420 Castleway West, Indianapolis, IN 46250

1-234-203-0763 | C 614.499.6258 |     

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**From:** lithasia@gmail.com [mailto:lithasia@gmail.com] **On Behalf Of** Chris Phillips  
**Sent:** Monday, August 29, 2016 2:28 PM  
**To:** Jayme Fuller <J.Fuller@gaiconsultants.com>  
**Subject:** Re: Spire STL Pipeline

Jayme:

Definitely Timber Rattlesnake habitat along that corridor. A field survey is warranted. I emailed Scott Eckert and Scott Ballard a few minutes ago. Hopefully, they will respond soon. I'll be in touch.

Chris

On Mon, Aug 29, 2016 at 10:55 AM, Jayme Fuller <[J.Fuller@gaiconsultants.com](mailto:J.Fuller@gaiconsultants.com)> wrote:

Hi Chris,




Thanks for taking the time to talk with me last Friday. Per our discussion I have attached a Google Earth file of the proposed Spire STL pipeline centerline and our 300ft study corridor through Principia College. Please check this area for potential habitat by desktop for Timber Rattlesnake. Please let us know your recommendations for survey and the possibility of gaining access to previous surveys in the area as well.

Thanks and I look forward to hearing from you!

Jayme L. Fuller, Environmental Manager

**GAI Consultants, Inc.**

6420 Castleway West, Indianapolis, IN 46250

[1-234-203-0763](tel:1-234-203-0763) | C [614.499.6258](tel:614.499.6258) |     

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--

Christopher A. Phillips  
Senior Research Scientist  
Illinois Natural History Survey  
Prairie Research Institute  
University of Illinois

Office address:

185 Natural Resources Bldg  
607 E. Peabody Dr  
Champaign

OFFICE: 217-244-7077

[caphilli@illinois.edu](mailto:caphilli@illinois.edu)

[http://www.inhs.uiuc.edu/staff/index.php?action=list&user\\_name=caphilli](http://www.inhs.uiuc.edu/staff/index.php?action=list&user_name=caphilli)



Spire STL Pipeline LLC  
700 Market Street  
Saint Louis, MO 63101

August 5, 2016

Mr. Jeff Blackorby  
Resource Conservationist Jersey County Soil and Water Conservation District  
604 E. Franklin  
Jerseyville, IL 62052

Re: Spire STL Pipeline  
FERC Docket No. PF16-9

Dear Mr. Blackorby,

At Spire, formerly The Laclede Group, we never stop looking for better ways to provide energy now and for the future. That's why Spire STL Pipeline LLC, a wholly owned subsidiary of Spire Inc., is proposing to develop and construct a new interstate natural gas pipeline that will bring an efficient energy source to southwest Illinois and the St. Louis region. As a member of the community, we want you to be informed about our proposed project and we want you to hear from us first.

We are proposing to construct 60 miles of new build pipeline and upgrade nine miles of existing underground pipeline to further improve reliability and better serve homes and businesses across Illinois and Missouri. The planned route runs through Scott, Greene and Jersey counties in Illinois and St. Charles and St. Louis counties in Missouri.

You are receiving this letter because your property is located on or near our currently proposed route.

Spire STL Pipeline LLC has started the pre-filing application process for developing interstate natural gas pipelines by the Federal Energy Regulatory Commission ("FERC") pursuant to 18 C.F.R. § 157.21. FERC staff recently started a pre-filing environmental review process, which encourages early involvement by citizens, governmental entities and other interested parties. You can find more information about this pre-filing process at [www.ferc.gov](http://www.ferc.gov). You can see all the information about the Spire STL Pipeline using the docket number PF16-9.

Included with this letter, for your information, is a general overview map of the proposed pipeline route and a diagram illustrating the FERC process.

We believe that we can create a better project by hearing from you and listening to your feedback. That's why we are hosting open houses this month so you can learn more about the project and we can learn more about you.

At the open houses, more detailed maps will be available to show where the proposed pipeline may be located relative to your property. We want you to come, ask questions and provide feedback. Representatives of the Federal Energy Regulatory Commission (FERC) will also be there to answer questions about the FERC process for natural gas pipelines.



**Spire STL Pipeline open house schedule**

Tuesday August 16, 2016 5 p.m. – 7:30 p.m.	Wednesday August 17, 2016 5 p.m. – 7:30 p.m.	Thursday August 18, 2016 5 p.m.– 7:30 p.m.	Tuesday August 23, 2016 5 p.m.– 7:30 p.m.	Wednesday August 24, 2016 5 p.m. – 7:30 p.m.
<b>Scott County, Illinois</b>	<b>Jersey County, Illinois</b>	<b>St. Louis County, Missouri</b>	<b>St. Charles County, Missouri</b>	<b>Greene County, Illinois</b>
Scott County Fairgrounds 401 North Walnut Winchester, IL 62694	Jerseyville Recreation Center 401 Mound Street Jerseyville, IL 62052	Hazelwood Civic Center East 8969 Dunn Road Hazelwood, MO 63042	American Legion Post 312 2500 Raymond Drive St Charles, MO 63301	Knights of Columbus Hall U.S. HWY 67 Carrollton, IL 62016

Check out more information on our website at [www.SpireSTLPipeline.com](http://www.SpireSTLPipeline.com). If you have any questions, please do not hesitate to contact us toll-free at 1 844-885-7234 or at [STLPipelineInfo@SpireEnergy.com](mailto:STLPipelineInfo@SpireEnergy.com).

We look forward to working with you.

Sincerely,

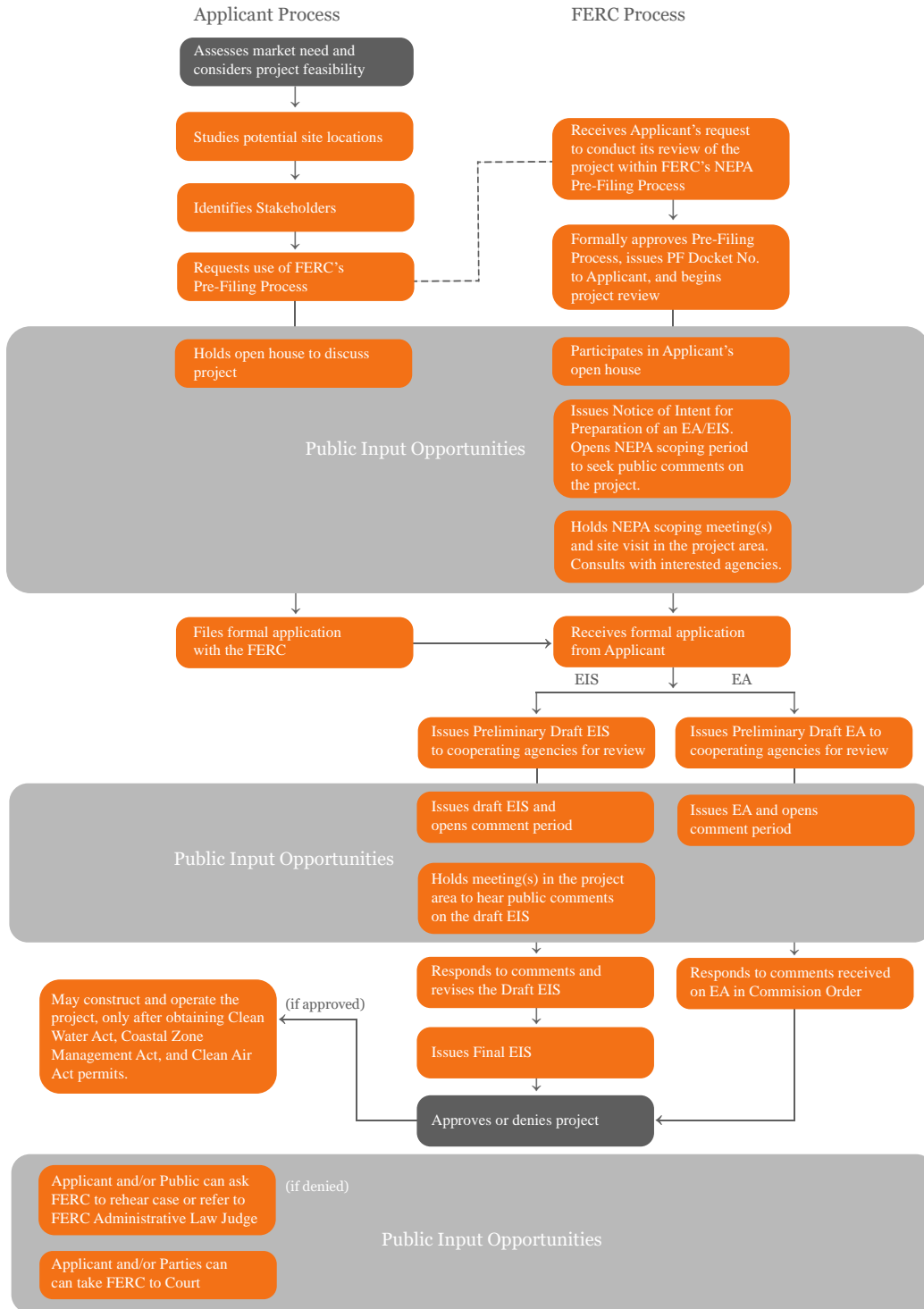


Scott Jaskowiak  
Vice President  
Spire STL Pipeline LLC

Project Map



# FERC Pre-Filing Process





Spire STL Pipeline LLC  
700 Market Street  
Saint Louis, MO 63101

August 5, 2016

Ms. Cindy Craigmiles  
Jersey County Code Administrator Jersey County  
200 N. Lafayette Suite 6  
Jerseyville, IL 62052

Re: Spire STL Pipeline  
FERC Docket No. PF16-9

Dear Ms. Craigmiles,

At Spire, formerly The Laclede Group, we never stop looking for better ways to provide energy now and for the future. That's why Spire STL Pipeline LLC, a wholly owned subsidiary of Spire Inc., is proposing to develop and construct a new interstate natural gas pipeline that will bring an efficient energy source to southwest Illinois and the St. Louis region. As a member of the community, we want you to be informed about our proposed project and we want you to hear from us first.

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Check out more information on our website at [www.SpireSTLPipeline.com](http://www.SpireSTLPipeline.com). If you have any questions, please do not hesitate to contact us toll-free at 1 844-885-7234 or at [STLPipelineInfo@SpireEnergy.com](mailto:STLPipelineInfo@SpireEnergy.com).

We look forward to working with you.

Sincerely,



Scott Jaskowiak  
Vice President  
Spire STL Pipeline LLC



July 29, 2016

Mr. Jeff Blackorby  
Resource Conservationist  
Jersey County Soil and  
Water Conservation District  
604 East Franklin  
Jerseyville, IL 62052

**Re: Notice of Use of Pre-Filing Process  
Spire STL Pipeline  
Scott, Greene, and Jersey Counties, IL  
St. Charles and St. Louis Counties, MO**

Dear Mr. Blackorby:

Spire STL Pipeline LLC ("Spire") is in the planning stages of the Spire STL Pipeline ("Project"). As proposed, the Project will serve the energy needs of residential, commercial and industrial customers in the eastern portion of Missouri, including the St. Louis metropolitan area and surrounding counties. The Project as proposed will consist of approximately 60 miles of new build 24-inch diameter steel pipeline (referred to as the "new build" portion of the Project) originating at an interconnection with 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 until crossing the Missouri river and tying into an existing 20-inch diameter steel transmission pipeline in St. Louis County, Missouri that is currently owned and operated by Laclede Gas Company ("LGC") (referred to as "Line 880"). Spire plans to purchase Line 880 from LGC and modify approximately nine miles of existing 20-inch diameter steel natural gas pipeline located in St. Louis County, Missouri that will connect the new build part of the Project to the Enable Mississippi River Transmission, LLC ("MRT") pipeline along the western bank of the Mississippi river in St. Louis County, Missouri. The total length of the entire Project will be approximately 70 miles.

Construction and operation of the proposed Project will be regulated by the Federal Energy Regulatory Commission ("Commission") among other regulatory agencies. Spire intends to utilize the Commission's pre-filing process detailed in Section 157.21 of the Commission's regulations, which allows the Commission and other agencies to initiate National Environmental Policy Act ("NEPA") review prior to Spire filing an application to the Commission. The Commission would need to issue Spire a Certificate of Public Convenience and Necessity to enable construction and operation of the proposed pipeline. The preliminary Project schedule includes the following target dates:

- July 22, 2016 - Commission acceptance into pre-filing; commencement of the NEPA process (pre-filing docket no. PF16-9-000);
- August 2016 (Anticipated) - biological and cultural resource surveys;
- January 2017 (Anticipated) - file final application with Commission;
- August 2017 (Anticipated) - NEPA document published;
- November 2017 (Anticipated) - Commission decision on application; and
- February 2018 (Anticipated) - commence construction activities.

On behalf of Spire, GAI would like to take this opportunity to invite the Jersey County Soil and Water Conservation District to participate in the review of this Project as a cooperating agency during the Commission's pre-filing process. We look forward to your involvement in the review of this important Project and appreciate your cooperation.

**Please note the intent of this letter is solely for the purpose of inviting you to participate in the Commission's NEPA pre-filing process. The Commission will also reach out to you requesting your agency to be a cooperating agency. Specific and necessary consultations and/or applicable permit applications will be addressed to you under separate cover.**

If you have any questions or would like additional information, please feel free to contact me at 331.301.2002 or by e-mail at L.Ferry@gaiconsultants.com.

Sincerely,

**GAI Consultants, Inc.**

A handwritten signature in black ink that reads "Lori M. Ferry". The signature is written in a cursive, flowing style.

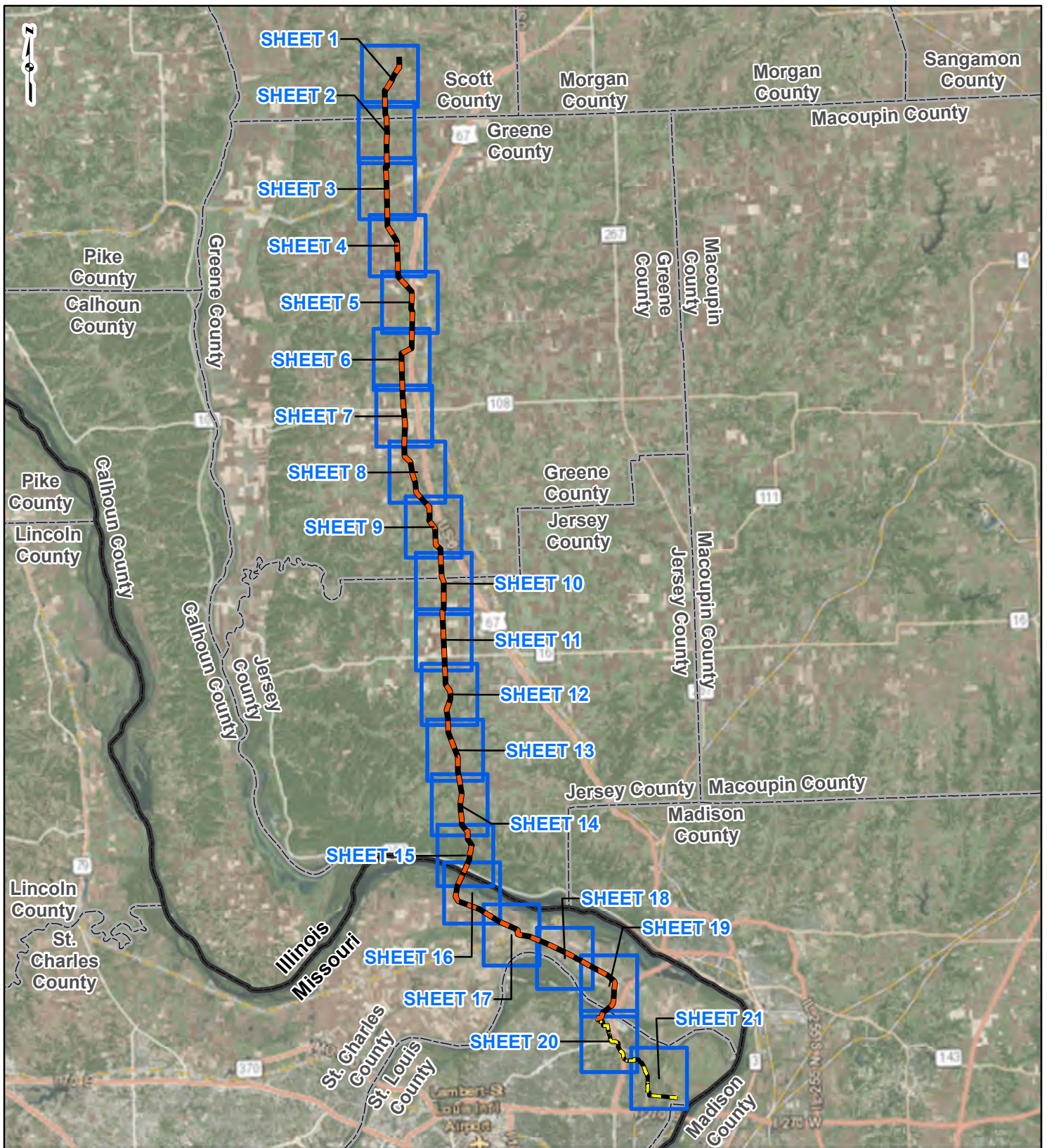
Lori M. Ferry  
Environmental Project Manager

LMF/gmg

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

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





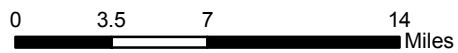
**PROJECT LOCATION**



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

**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- COUNTY BOUNDARY
- STATE BOUNDARY
- SHEET INDEX

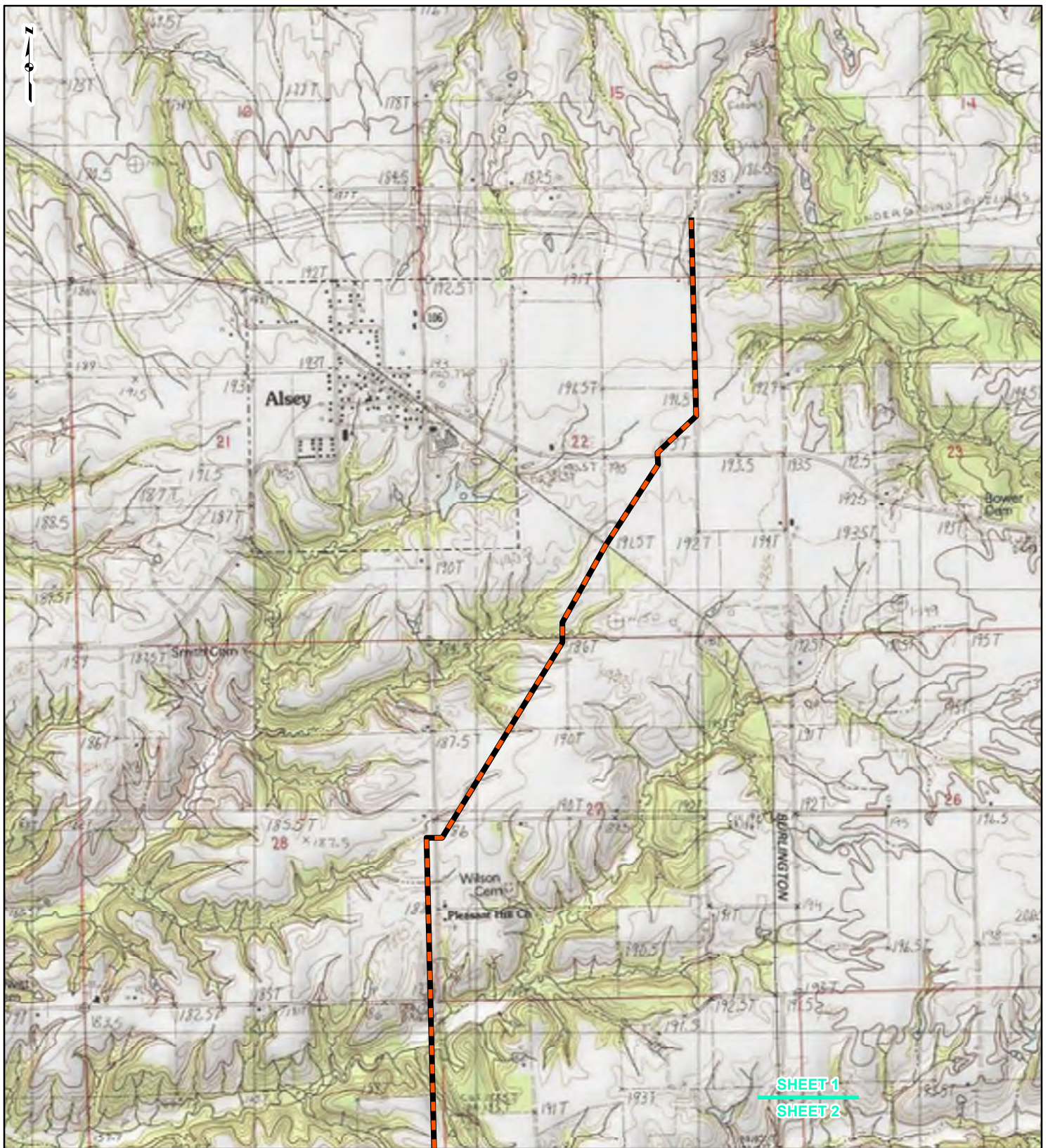


**FIGURE 1  
LOCATION MAP  
SHEET INDEX**

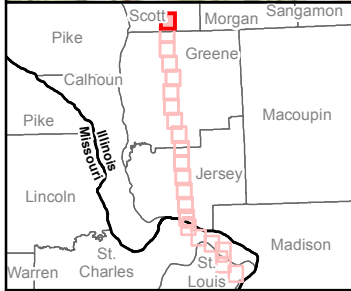


DRAWN BY: PMH      DATE: 7/28/2016  
 CHECKED: SWW      APPROVED: LMF

REFERENCE: ESRI WORLD IMAGERY AND TRANSPORTATION, NAIP, USDA FSA, 2015, ACCESSED 07/2016.

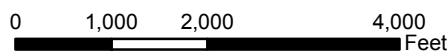


SHEET 1  
SHEET 2



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY



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



DRAWN BY: PMH      DATE: 7/28/2016  
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 07/20/16.

SHEET 1  
SHEET 2

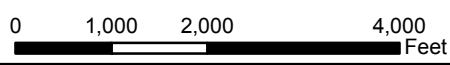


SHEET 2  
SHEET 3



### LEGEND

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY



### FIGURE 1 LOCATION MAP SHEET 2 OF 21



DRAWN BY: PMH      DATE: 7/28/2016  
 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 07/2016.



SHEET 2





SHEET 3

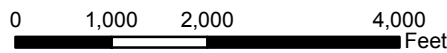
SHEET 3

SHEET 4



**LEGEND**

-  NEW BUILD 24-INCH DIAMETER PIPELINE
-  LINE 880 MODIFICATIONS
-  STATE BOUNDARY
-  COUNTY BOUNDARY

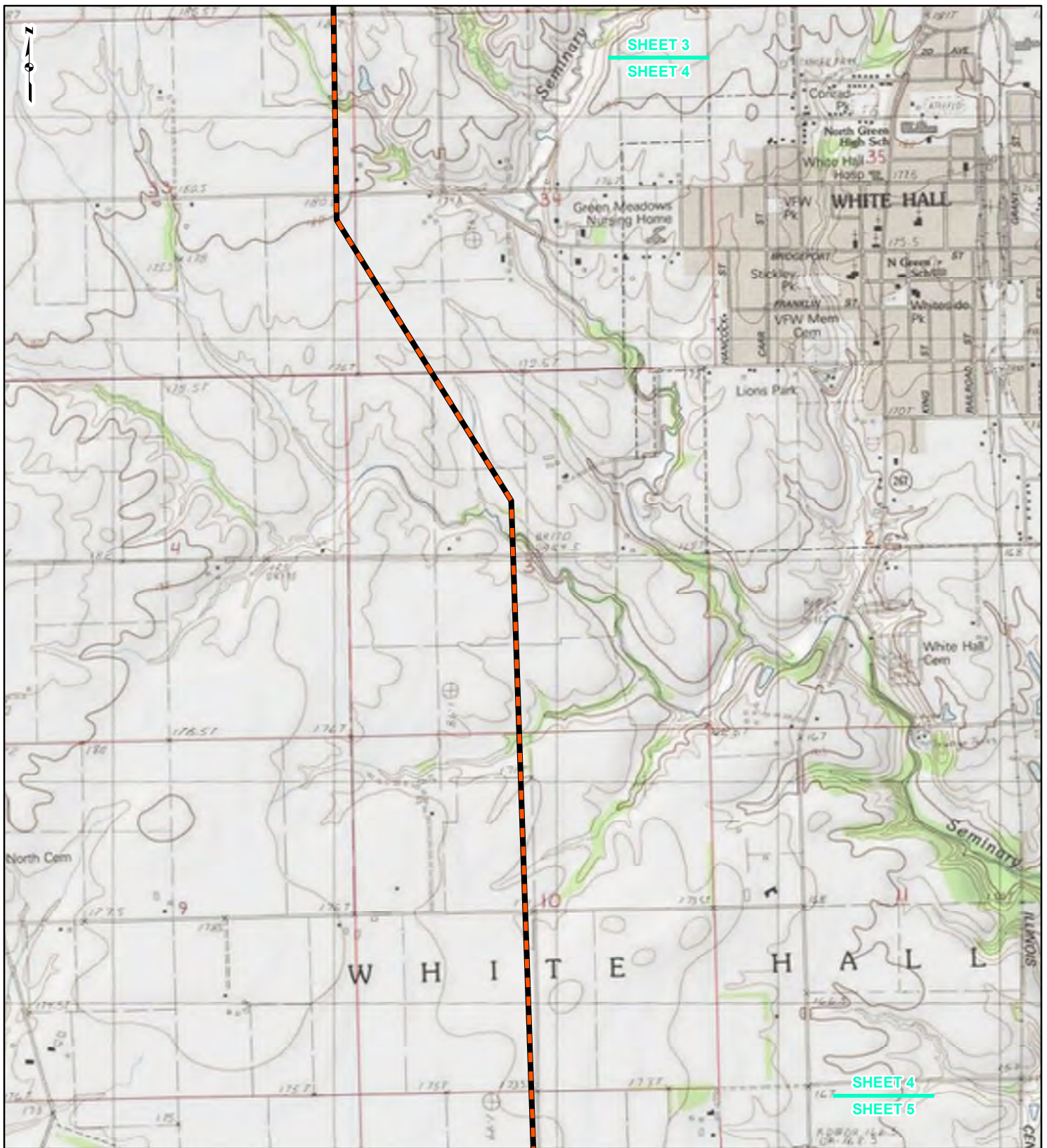


**FIGURE 1**  
LOCATION MAP  
SHEET 3 OF 21



DRAWN BY: PMH      DATE: 7/28/2016  
 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 07/2016.



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
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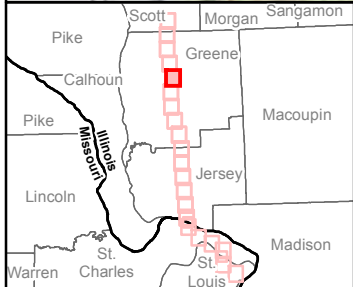
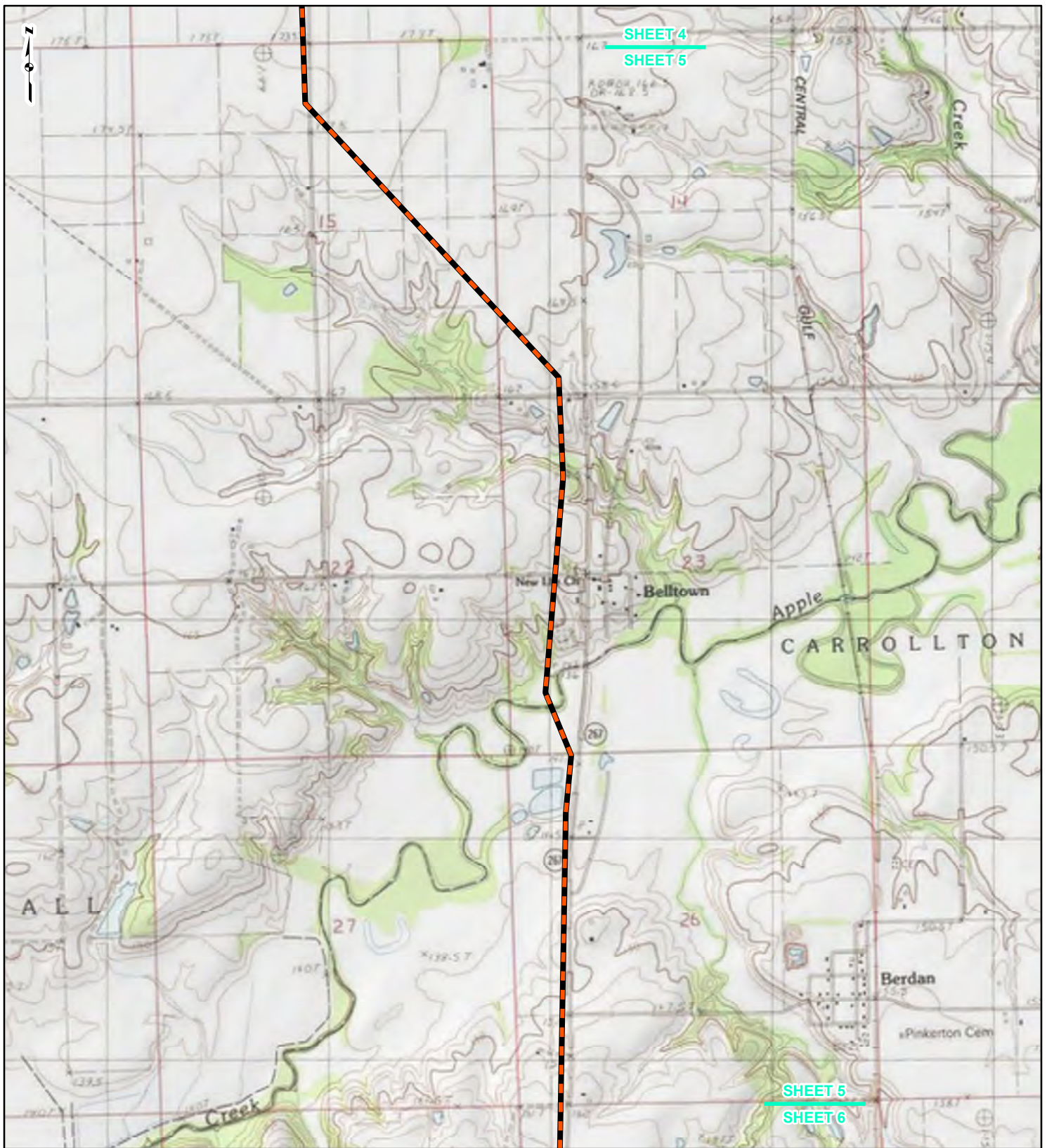
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**FIGURE 1**  
LOCATION MAP  
SHEET 4 OF 21



DRAWN BY: PMH      DATE: 7/28/2016  
 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 07/2016.



**LEGEND**

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- STATE BOUNDARY
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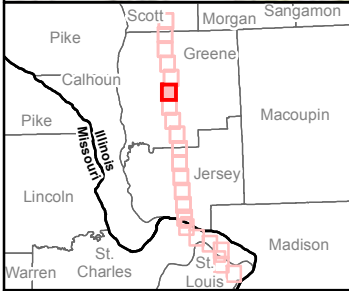
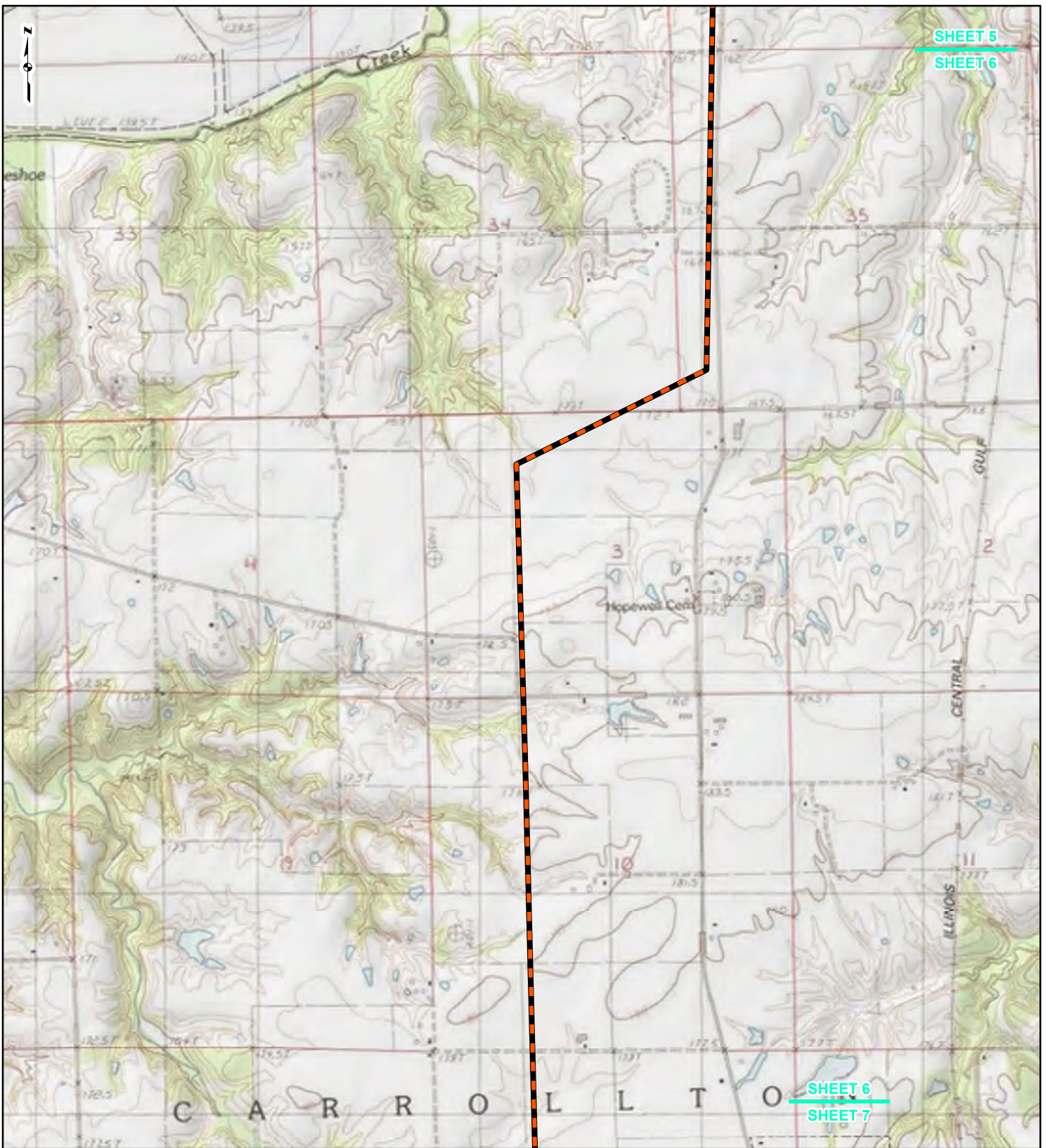
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**FIGURE 1**  
**LOCATION MAP**  
**SHEET 5 OF 21**



DRAWN BY: PMH      DATE: 7/28/2016  
 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 07/2016.



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

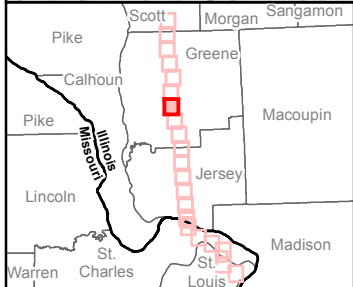
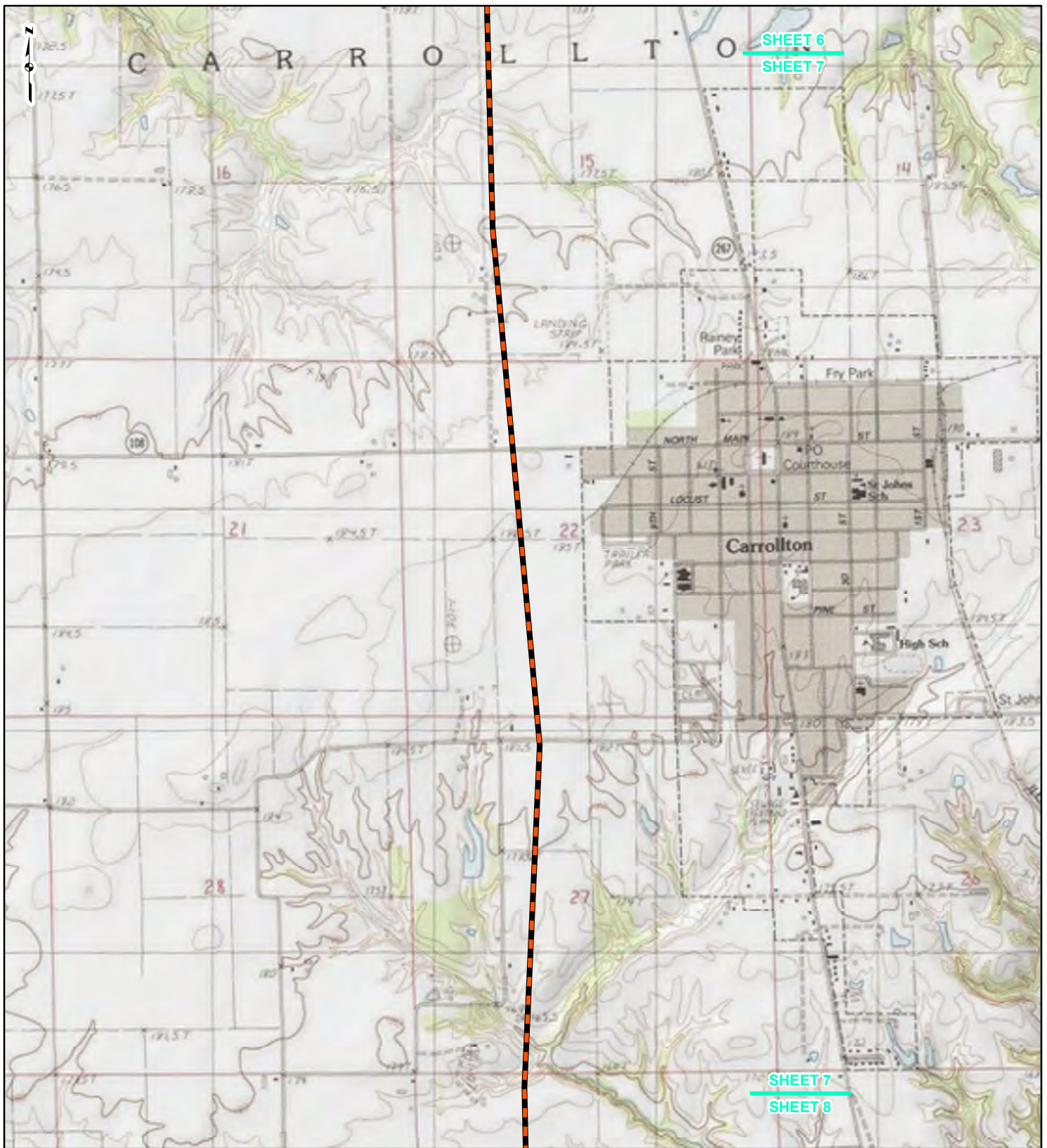
0      1,000      2,000      4,000  
Feet

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

**Spire STL Pipeline**

DRAWN BY: PMH      DATE: 7/28/2016  
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 07/2016.



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

0      1,000      2,000      4,000  
Feet

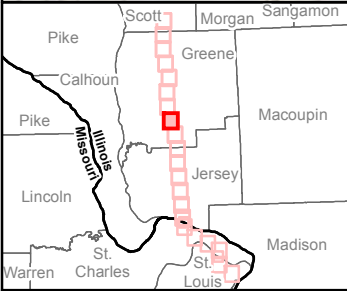
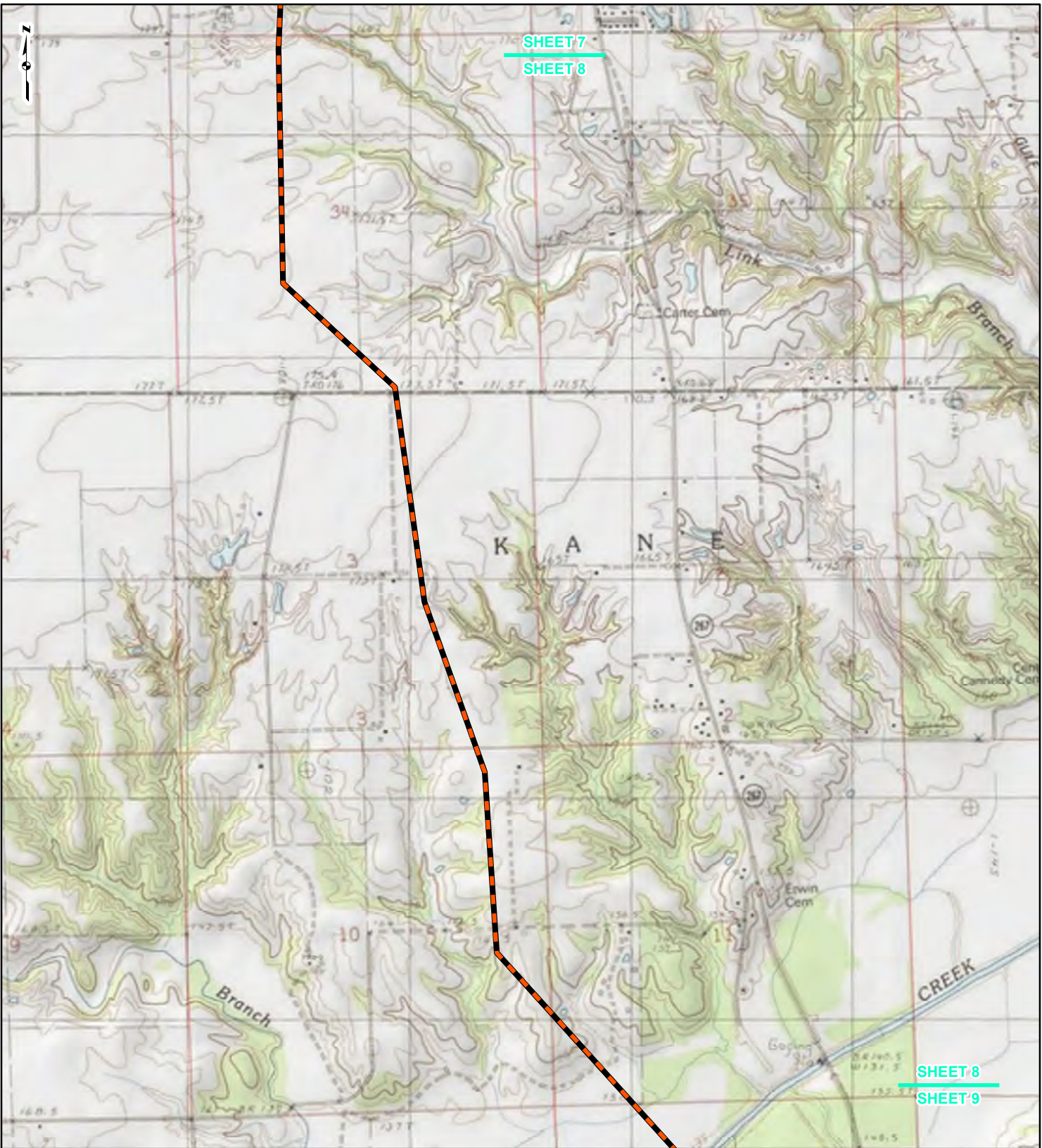
**FIGURE 1**  
**LOCATION MAP**  
**SHEET 7 OF 21**

**Spire STL Pipeline**

DRAWN BY: PMH      DATE: 7/28/2016  
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 07/20/16.





**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

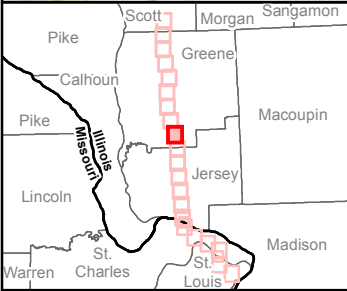
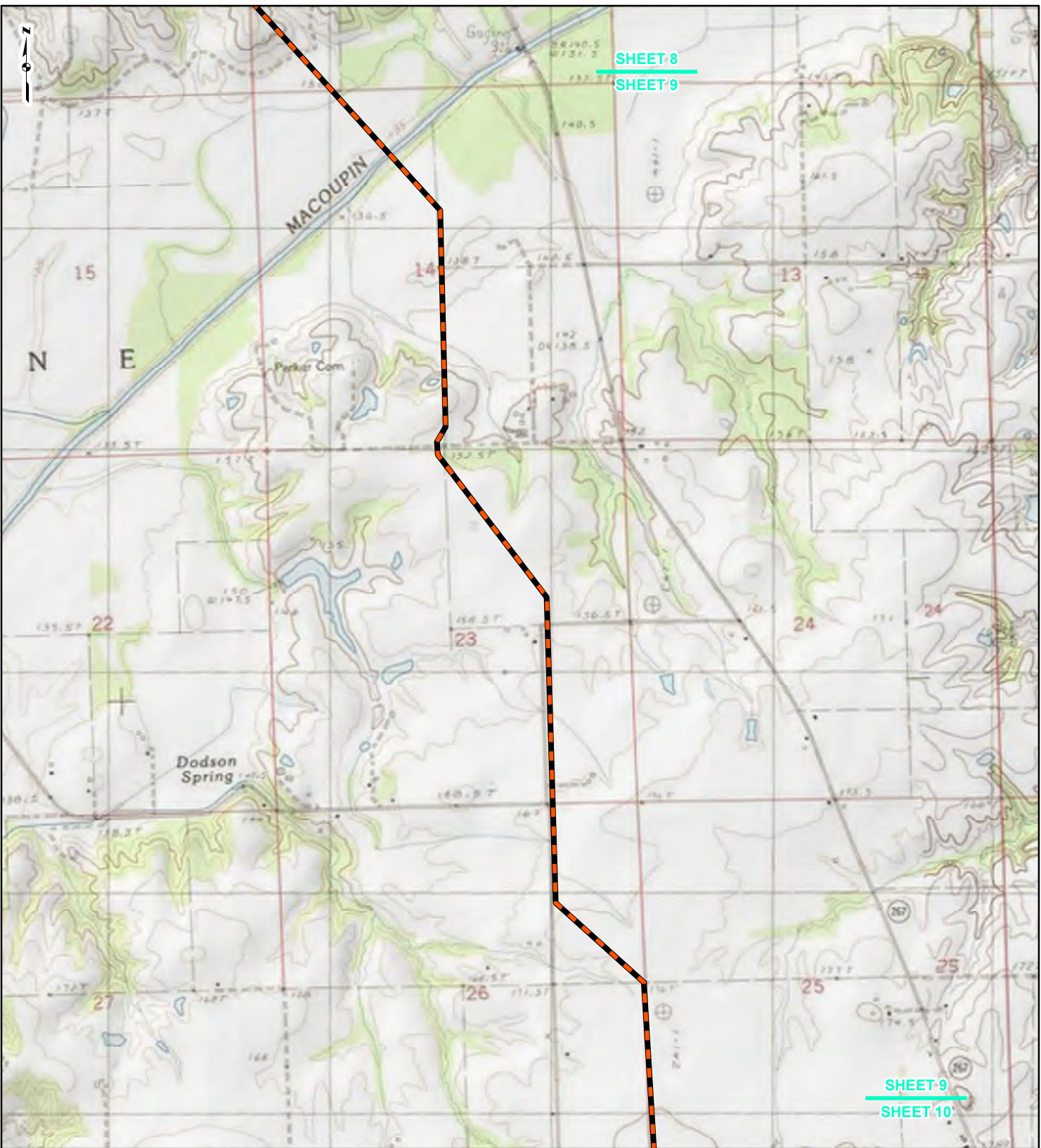
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**FIGURE 1**  
**LOCATION MAP**  
**SHEET 8 OF 21**



DRAWN BY: PMH      DATE: 7/28/2016  
 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 07/2016.



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

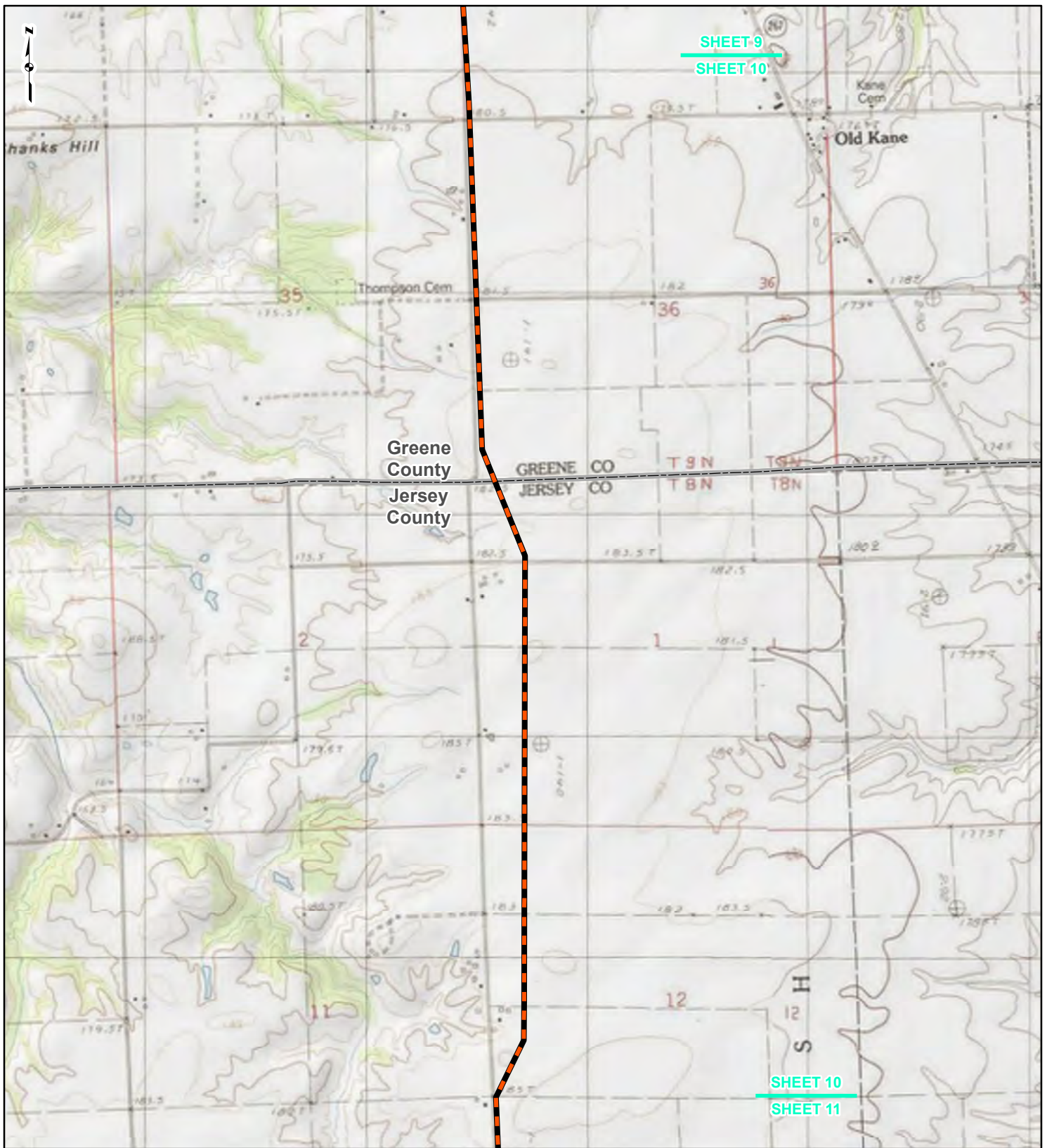
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Feet

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



DRAWN BY: PMH      DATE: 7/28/2016  
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 07/2016.

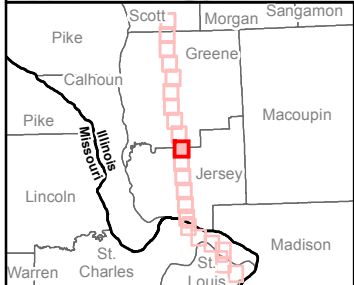


SHEET 9  
SHEET 10





SHEET 10  
SHEET 11

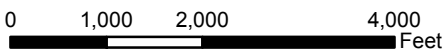
Greene  
County  
Jersey  
County

GREENE CO T9N T8N  
JERSEY CO T8N T7N



**LEGEND**

-  NEW BUILD 24-INCH DIAMETER PIPELINE
-  LINE 880 MODIFICATIONS
-  STATE BOUNDARY
-  COUNTY BOUNDARY

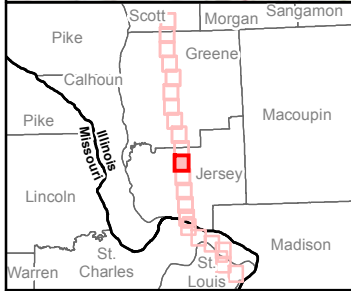
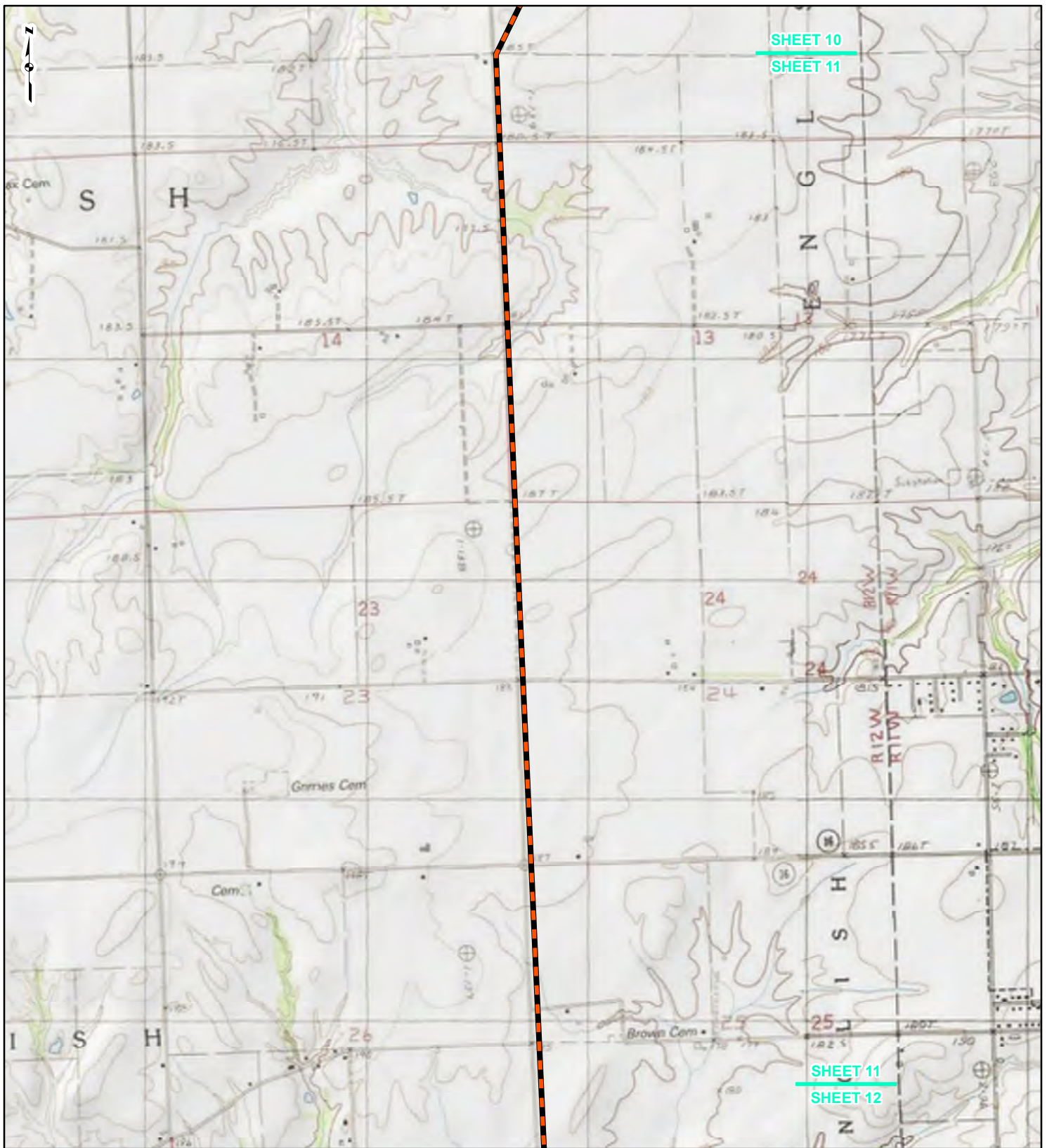


**FIGURE 1**  
**LOCATION MAP**  
**SHEET 10 OF 21**

 **Spire STL Pipeline** 

DRAWN BY: PMH      DATE: 7/28/2016  
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 07/2016.



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

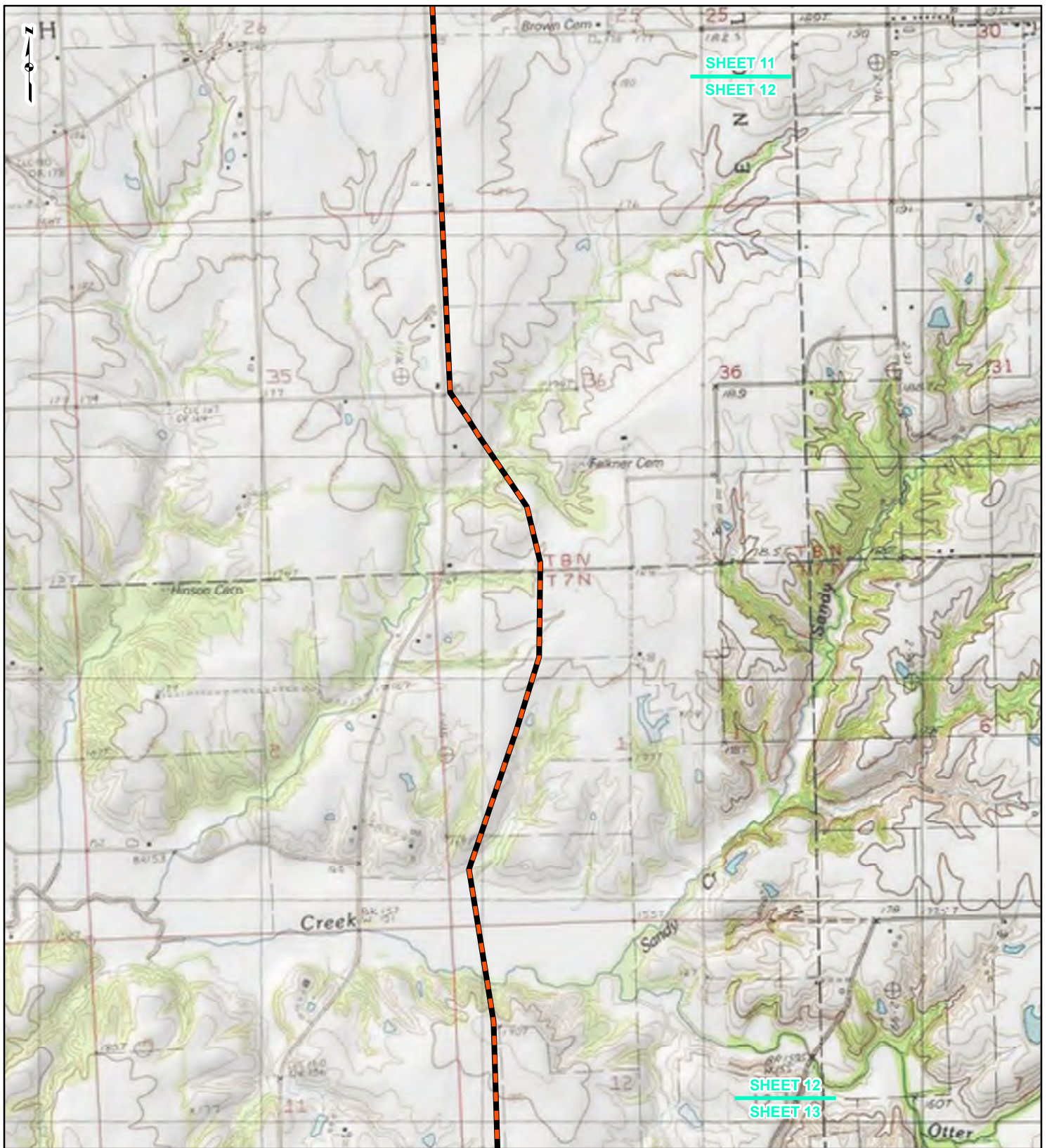
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Feet

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



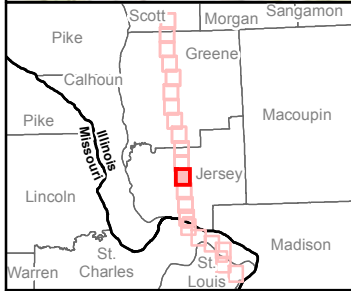
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REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLORISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 07/2016.



SHEET 11  
SHEET 12

SHEET 12  
SHEET 13



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

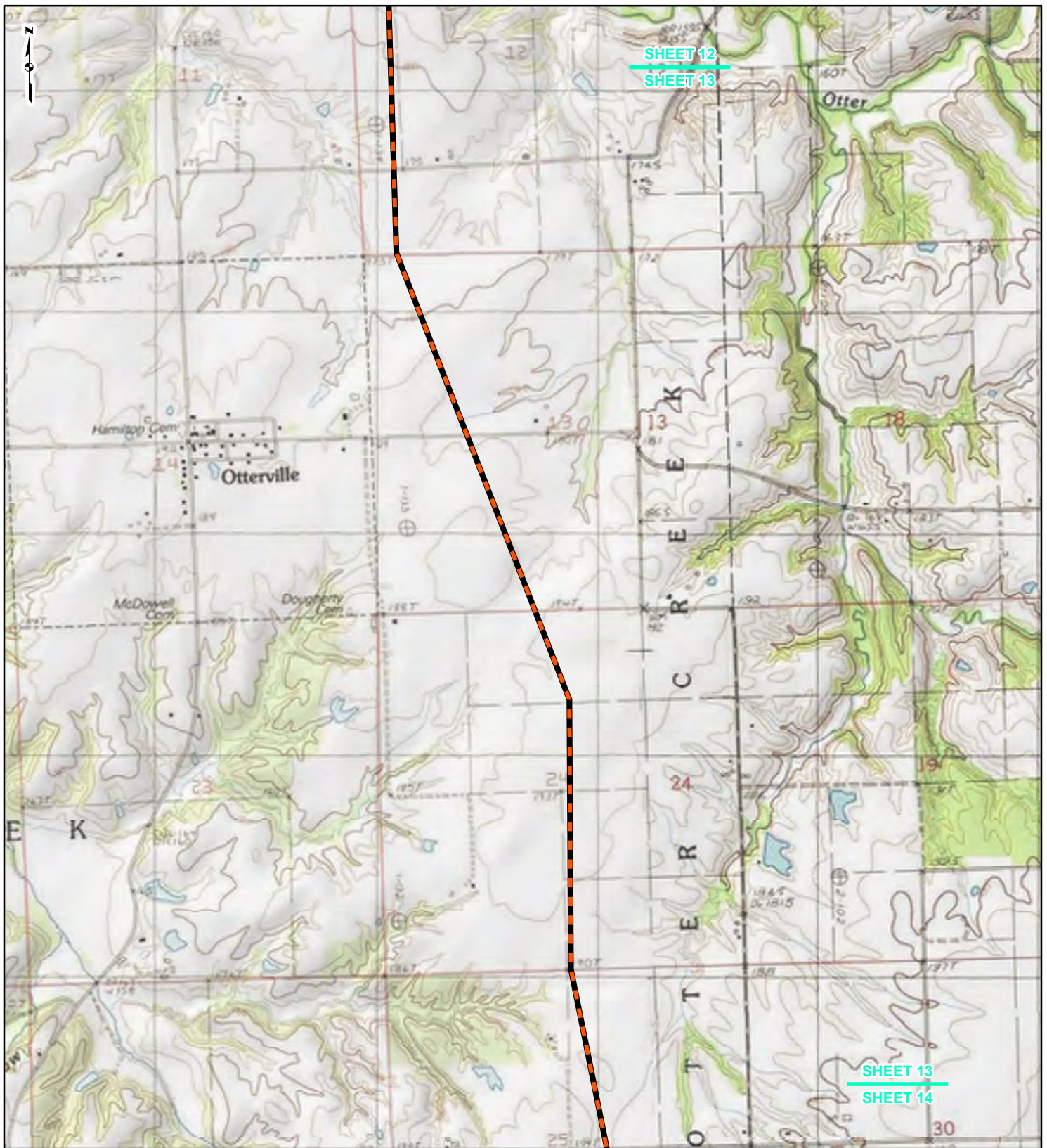
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Feet

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

**Spire STL Pipeline**

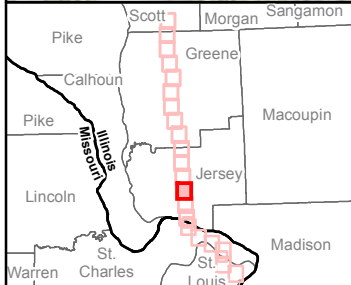
DRAWN BY: PMH      DATE: 7/28/2016  
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REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLORISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), 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 07/2016.



SHEET 12  
SHEET 13

SHEET 13  
SHEET 14



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

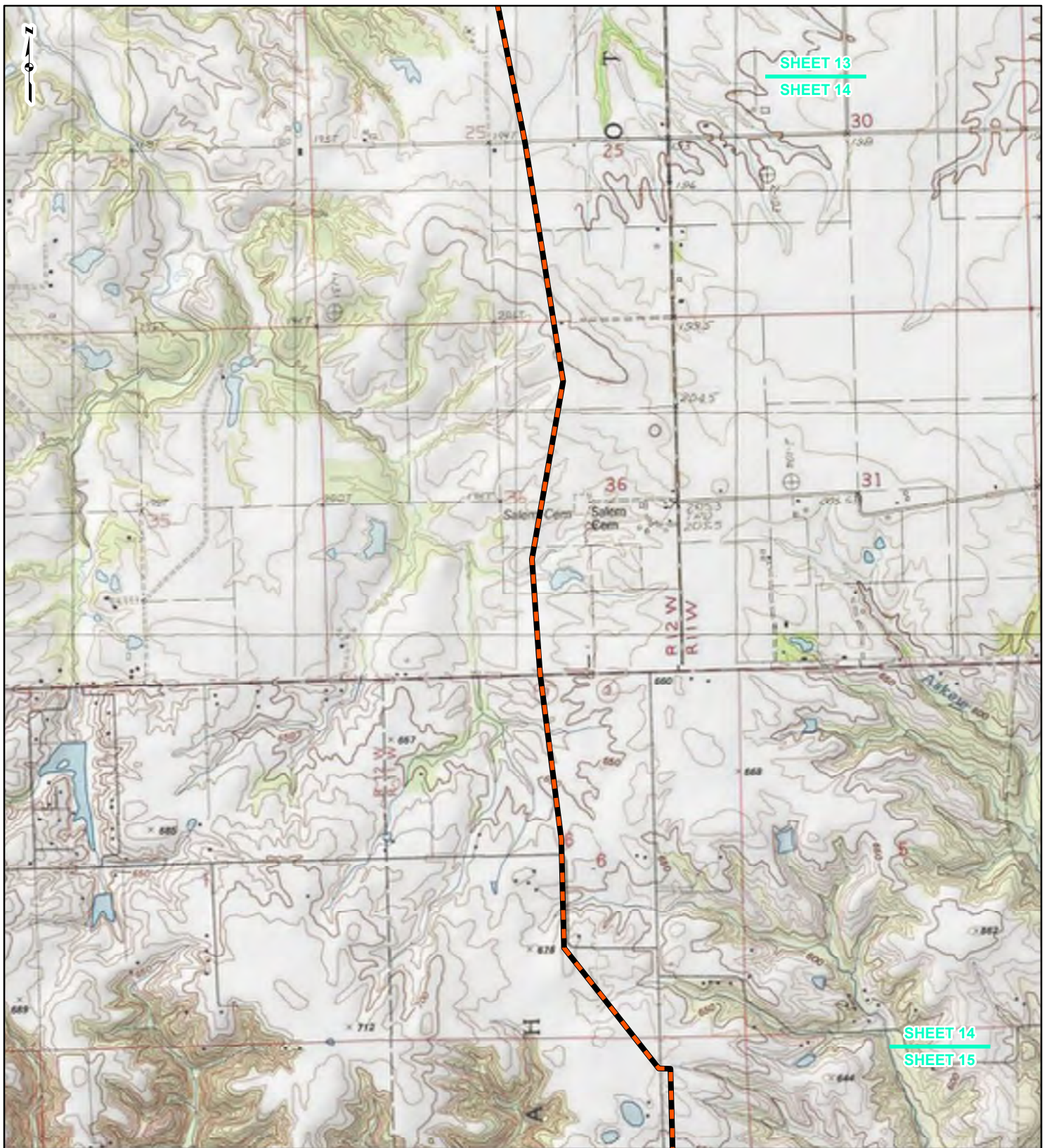
0      1,000      2,000      4,000  
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**FIGURE 1**  
**LOCATION MAP**  
**SHEET 13 OF 21**



DRAWN BY: PMH      DATE: 7/28/2016  
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 07/20/16.



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

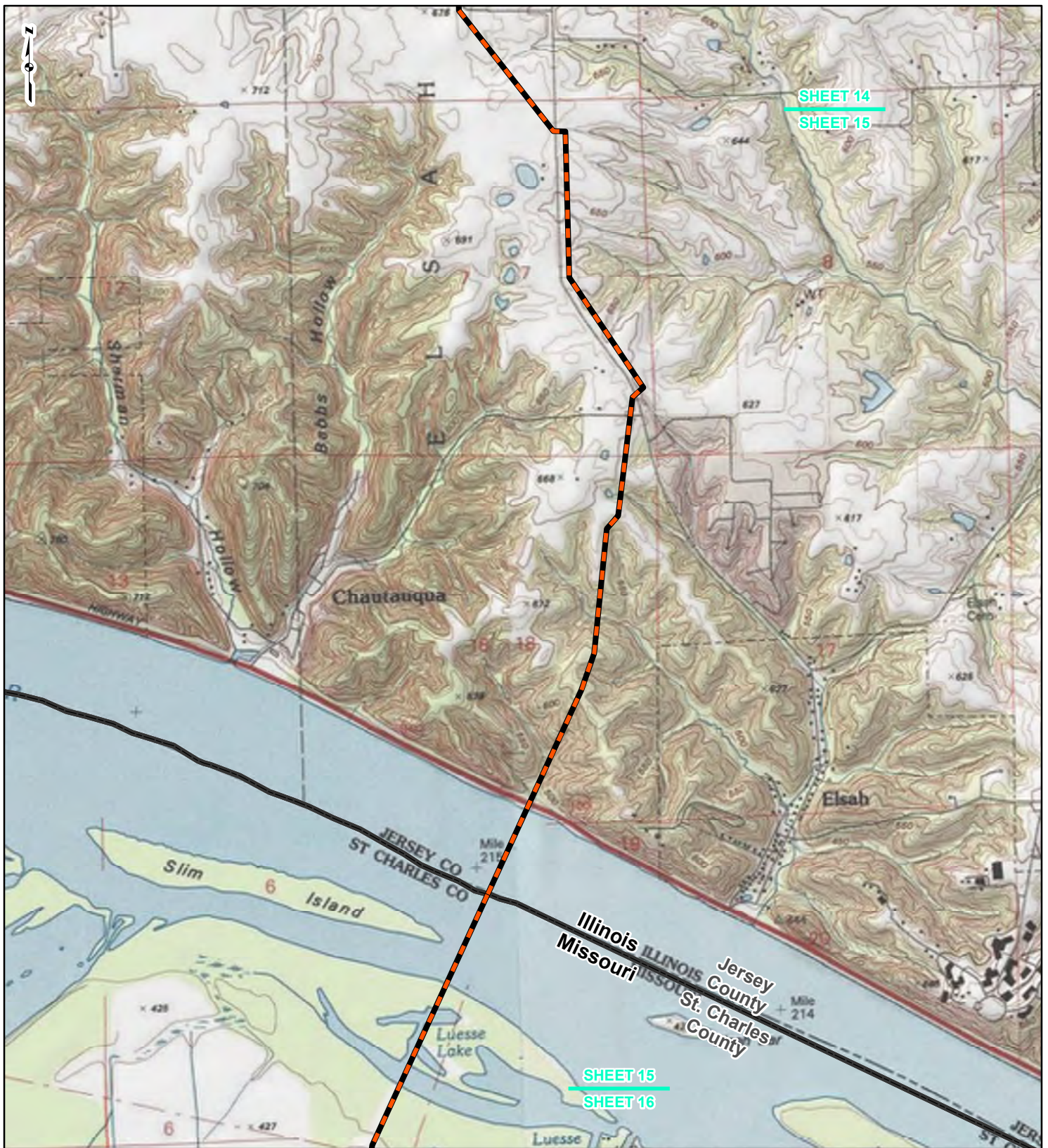
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Feet

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



DRAWN BY: PMH      DATE: 7/28/2016  
 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 07/2016.



SHEET 14  
SHEET 15

SHEET 15  
SHEET 16



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

0      1,000      2,000      4,000  
Feet

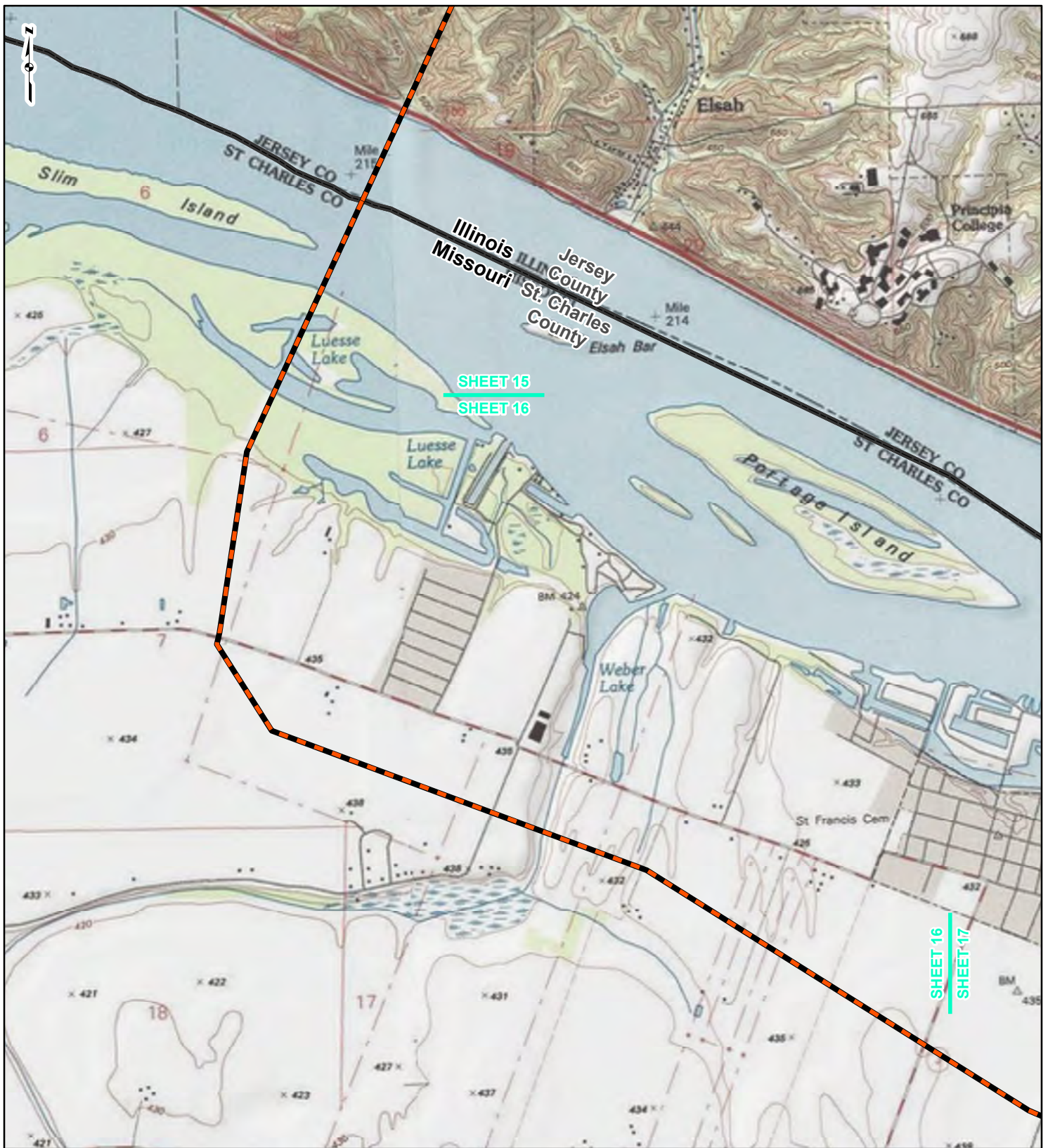
**FIGURE 1**  
**LOCATION MAP**  
**SHEET 15 OF 21**



DRAWN BY: PMH      DATE: 7/28/2016  
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 07/2016.





**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

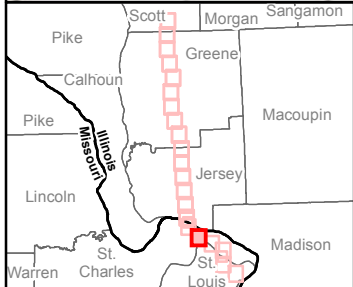
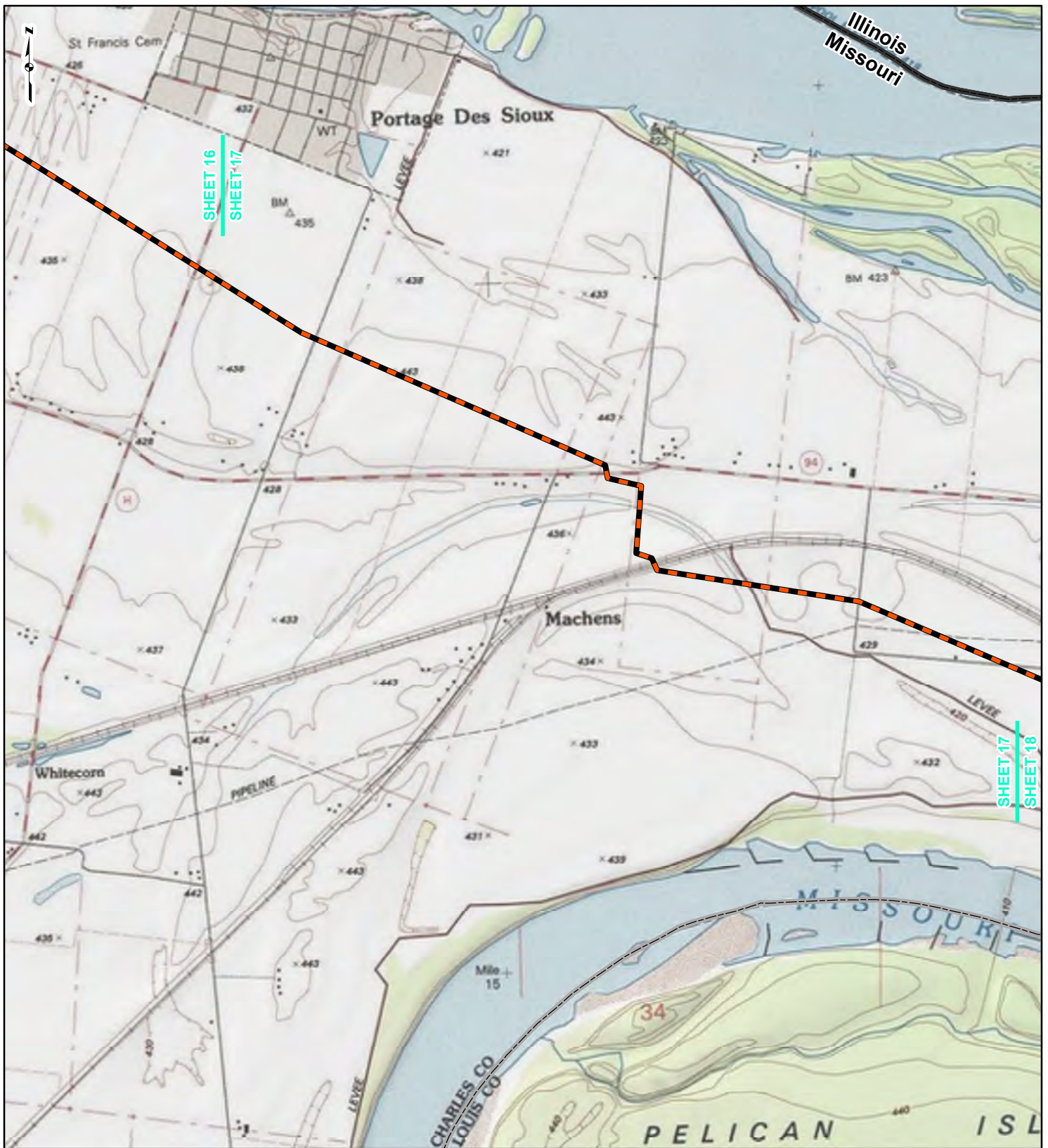
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Feet

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

**Spire STL Pipeline**

DRAWN BY: PMH      DATE: 7/28/2016  
 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 07/2016.



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

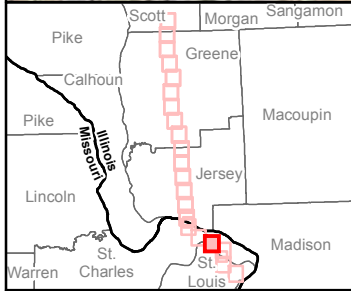
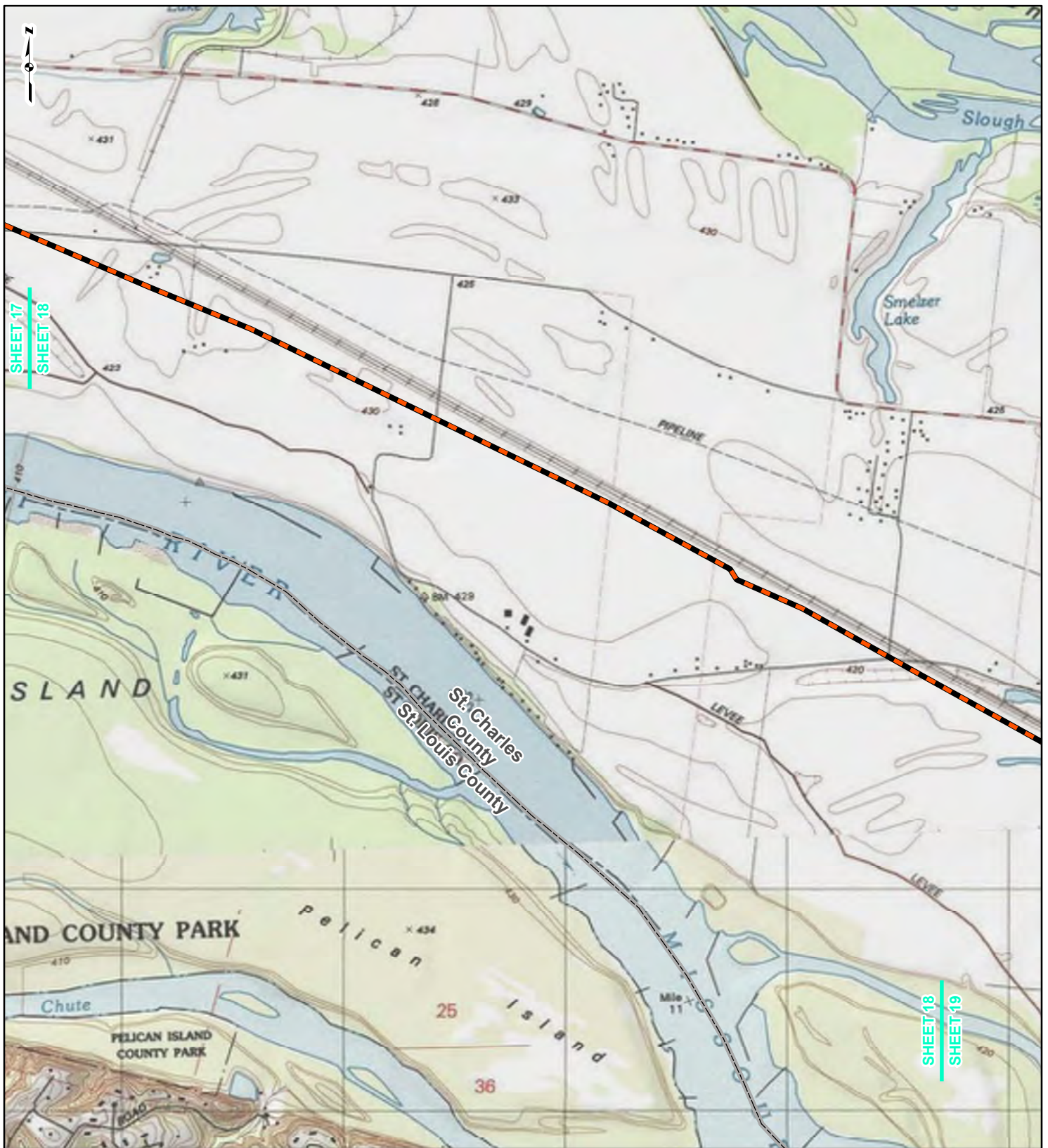
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Feet

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

**Spire STL Pipeline**

DRAWN BY: PMH      DATE: 7/28/2016  
 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 07/2016.



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

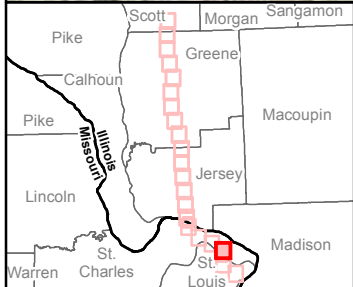
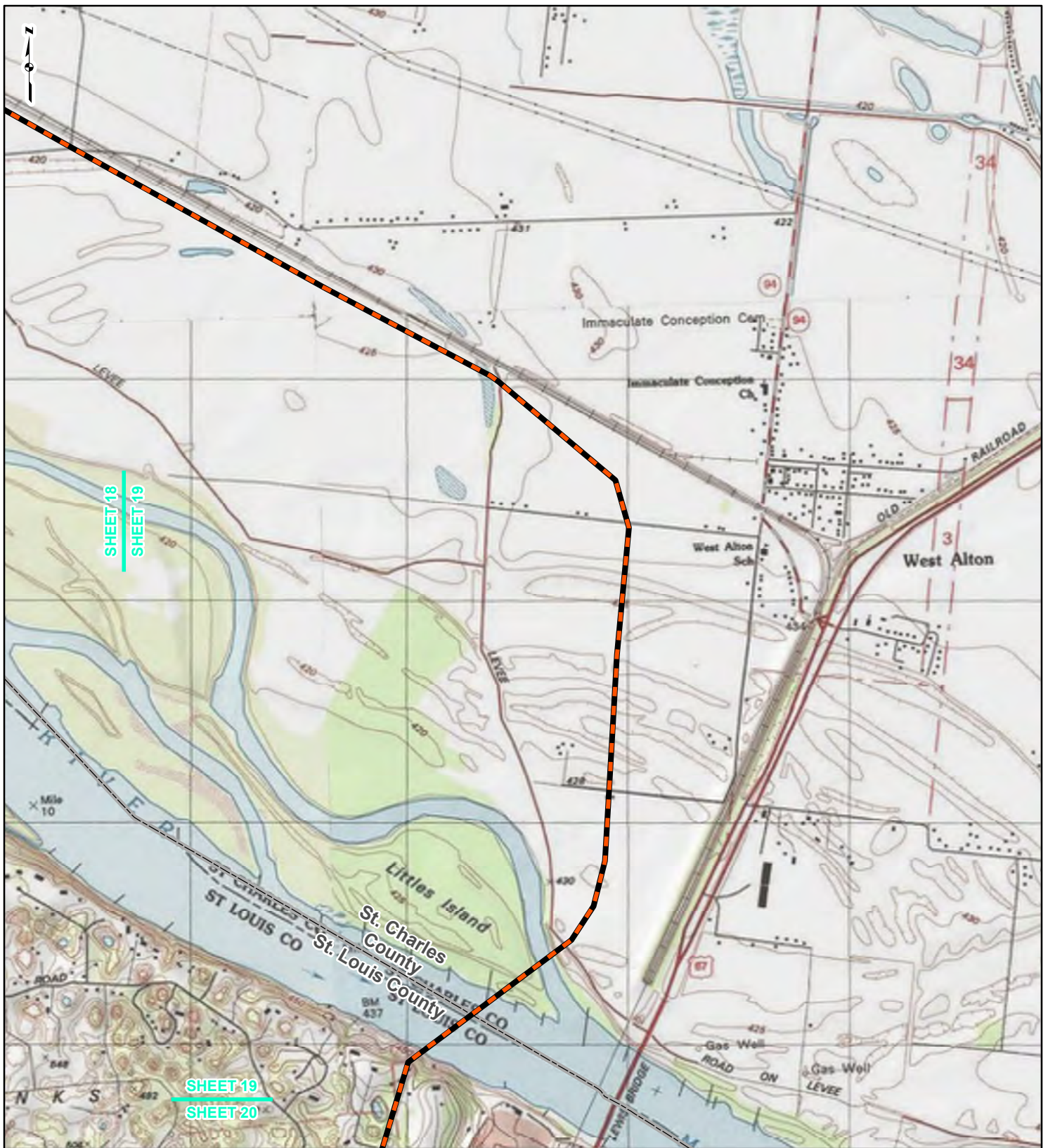
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Feet

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

**Spire STL Pipeline**

DRAWN BY: PMH      DATE: 7/28/2016  
 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 07/2016.



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

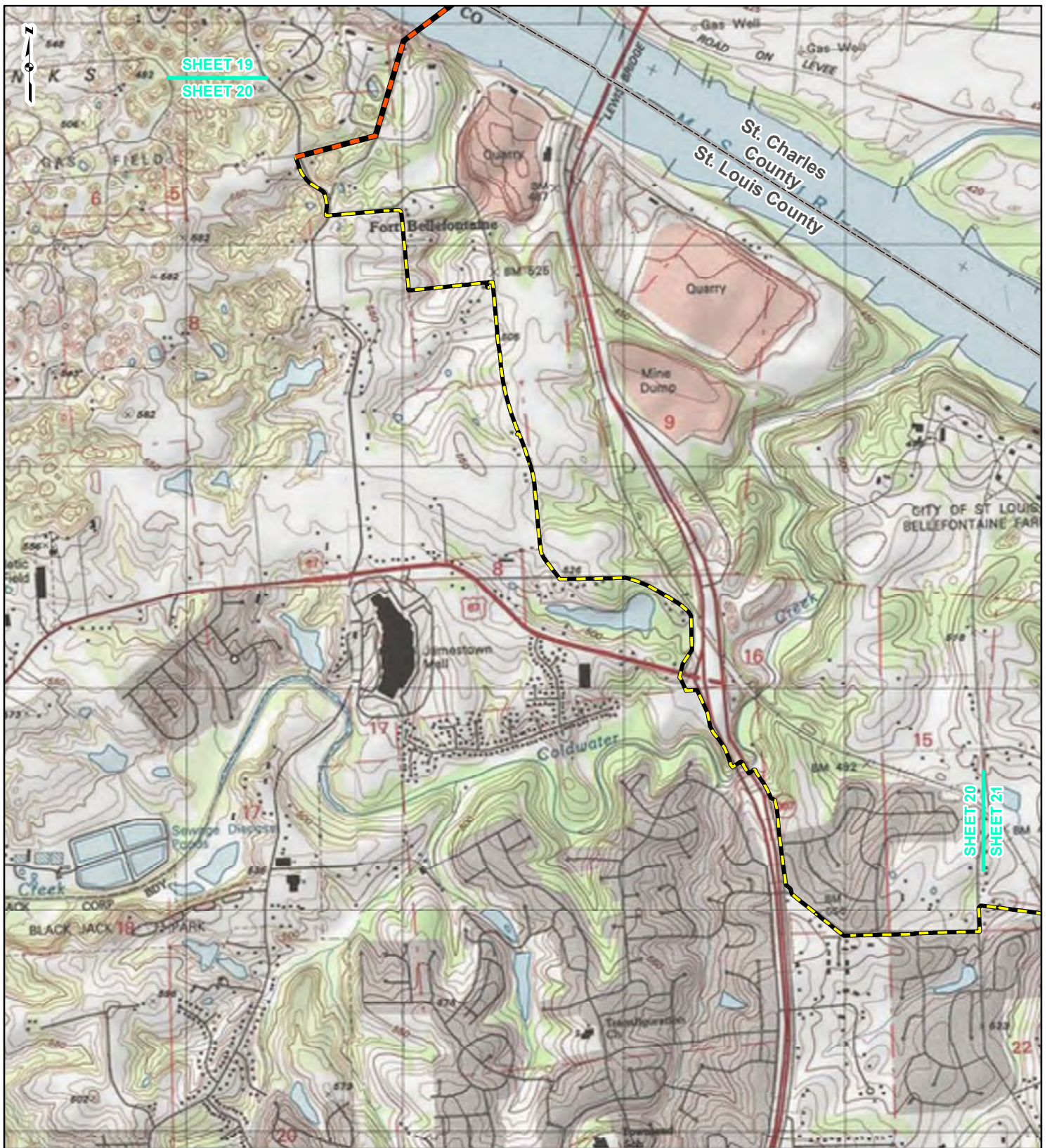
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Feet

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



DRAWN BY: PMH      DATE: 7/28/2016  
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 07/2016.



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

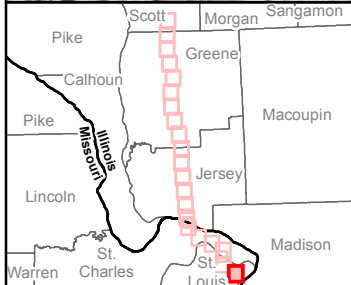
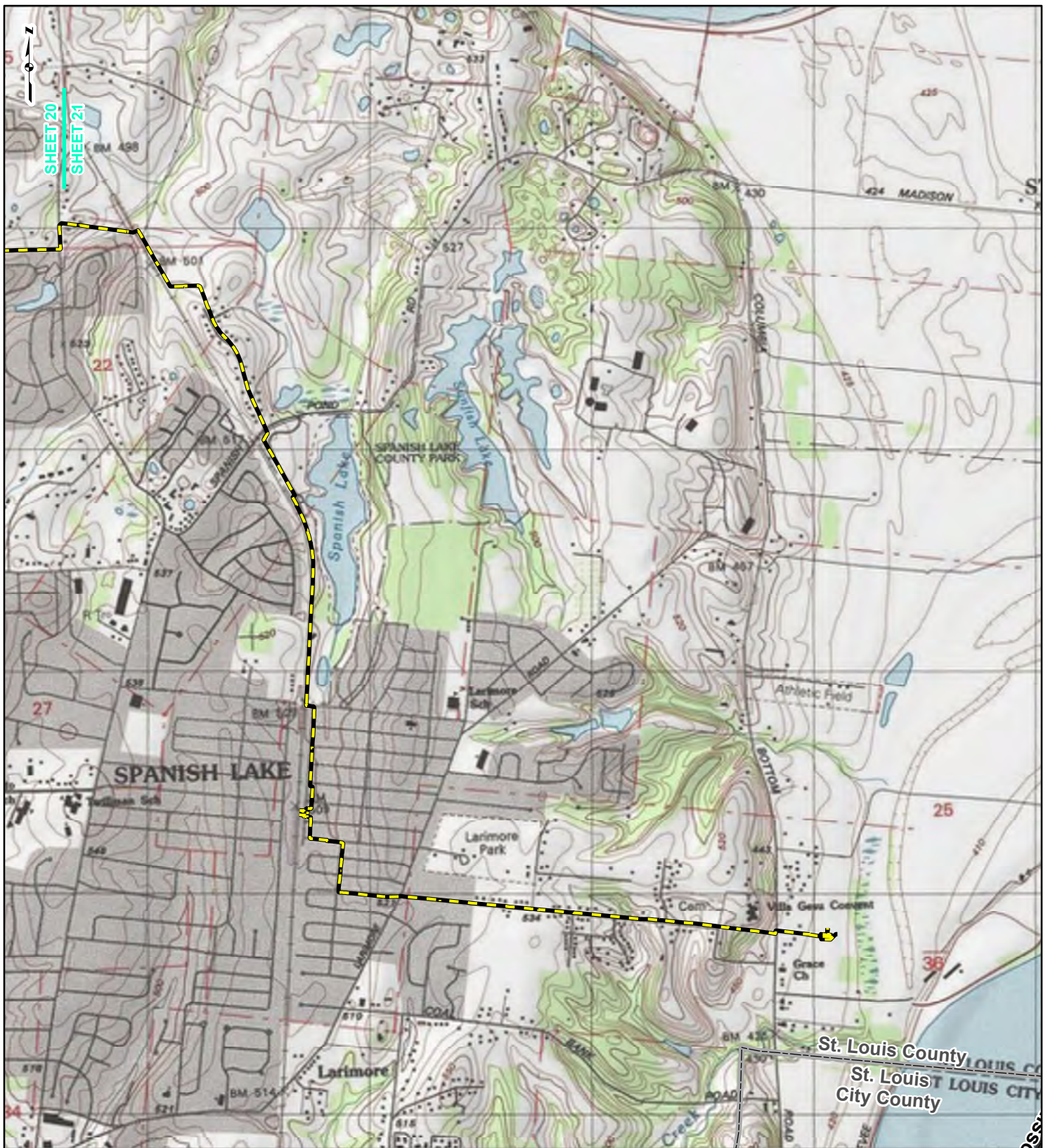
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**FIGURE 1**  
**LOCATION MAP**  
**SHEET 20 OF 21**



DRAWN BY: PMH      DATE: 7/28/2016  
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 07/2016.



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

0      1,000      2,000      4,000  
Feet

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

**Spire STL Pipeline**

DRAWN BY: PMH      DATE: 7/28/2016  
 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 07/2016.



July 29, 2016

Ms. Cindy Craigmiles  
Jersey County Code Administrator  
Jersey County  
200 North Lafayette, Suite 6  
Jerseyville, IL 62052

**Re: Notice of Use of Pre-Filing Process  
Spire STL Pipeline  
Scott, Greene, and Jersey Counties, IL  
St. Charles and St. Louis Counties, MO**

Dear Ms. Craigmiles:

Spire STL Pipeline LLC ("Spire") is in the planning stages of the Spire STL Pipeline ("Project"). As proposed, the Project will serve the energy needs of residential, commercial and industrial customers in the eastern portion of Missouri, including the St. Louis metropolitan area and surrounding counties. The Project as proposed will consist of approximately 60 miles of new build 24-inch diameter steel pipeline (referred to as the "new build" portion of the Project) originating at an interconnection with 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 until crossing the Missouri river and tying into an existing 20-inch diameter steel transmission pipeline in St. Louis County, Missouri that is currently owned and operated by Laclede Gas Company ("LGC") (referred to as "Line 880"). Spire plans to purchase Line 880 from LGC and modify approximately nine miles of existing 20-inch diameter steel natural gas pipeline located in St. Louis County, Missouri that will connect the new build part of the Project to the Enable Mississippi River Transmission, LLC ("MRT") pipeline along the western bank of the Mississippi river in St. Louis County, Missouri. The total length of the entire Project will be approximately 70 miles.

Construction and operation of the proposed Project will be regulated by the Federal Energy Regulatory Commission ("Commission") among other regulatory agencies. Spire intends to utilize the Commission's pre-filing process detailed in Section 157.21 of the Commission's regulations, which allows the Commission and other agencies to initiate National Environmental Policy Act ("NEPA") review prior to Spire filing an application to the Commission. The Commission would need to issue Spire a Certificate of Public Convenience and Necessity to enable construction and operation of the proposed pipeline. The preliminary Project schedule includes the following target dates:

- July 22, 2016 - Commission acceptance into pre-filing; commencement of the NEPA process (pre-filing docket no. PF16-9-000);
- August 2016 (Anticipated) - biological and cultural resource surveys;
- January 2017 (Anticipated) - file final application with Commission;
- August 2017 (Anticipated) - NEPA document published;
- November 2017 (Anticipated) - Commission decision on application; and
- February 2018 (Anticipated) - commence construction activities.

On behalf of Spire, GAI would like to take this opportunity to invite the Jersey County to participate in the review of this Project as a cooperating agency during the Commission's pre-filing process. We look forward to your involvement in the review of this important Project and appreciate your cooperation.

**Please note the intent of this letter is solely for the purpose of inviting you to participate in the Commission's NEPA pre-filing process. Specific and necessary consultations and/or applicable permit applications will be addressed to you under separate cover.**

If you have any questions or would like additional information, please feel free to contact me at 331.301.2002 or by e-mail at L.Ferry@gaiconsultants.com.

Sincerely,

**GAI Consultants, Inc.**

A handwritten signature in black ink that reads "Lori M. Ferry". The signature is written in a cursive style with a large, stylized "L" and "F".

Lori M. Ferry  
Environmental Project Manager

LMF/gmg

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





## **Local Agencies and Governments – St. Charles County, Missouri**

# telephone log



gai consultants

Date: 12.15.2016

---

Project / Admin. No.: E160438.00

---

Call From: Tiffany Anders

---

Company: GAI Consultants

---

Phone No.: 346-231-7172

---

Call To: Cadre Development, LLC

---

Company: N/A

---

Phone No.: 314-608-7915

---

Subject: Cumulative Affect Analysis

---

cc: Lori Ferry (GAI PM)

---

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

Spoke with Developer listed on Creekside Plaza brochure located online at

[www.cadredev.com/pics/db/properties/pdf/000009\\_01.pdf](http://www.cadredev.com/pics/db/properties/pdf/000009_01.pdf).

Mr. Rowdy Montgomery stated the property is no longer theirs and the development is not going forward.

# telephone log



gai consultants

Date: 12.15.2016

---

Project / Admin. No.: E160438.00

---

Call From: Tiffany Anders

---

Company: GAI Consultants

---

Phone No.: 346-231-7172

---

Call To: City of O'Fallon, MO

---

Company: N/A

---

Phone No.: 636-379-5467

---

Subject: Cumulative Affect Analysis

---

cc: Lori Ferry (GAI PM)

---

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

Left Message for Shannon Gerard (Planning and Development). Voicemail stated a return date of December 19. A callback was requested.

# telephone log



gai consultants

Date: 12.12.2016

---

Project / Admin. No.: E160438.00

---

Call From: Jeremy Marshall

---

Company: GAI Consultants

---

Phone No.: 346-231-7173

---

Call To: City of Portage des Sioux

---

Company: N/A

---

Phone No.: 636-899-0640

---

Subject: Cumulative Affect Analysis

---

cc: Lori Ferry (GAI PM)

---

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

Jeremy Marshall (GAI) spoke with Mr. Mark Warner (Mayor) regarding if there were upcoming infrastructure projects or planned developments in the City of Portage des Sioux. Mr. Warner did not know of any projects planned in the limits of the city.

# telephone log



gai consultants

Date: 12.12.2016

---

Project / Admin. No.: E160438.00

---

Call From: Jeremy Marshall

---

Company: GAI Consultants

---

Phone No.: 346-231-7173

---

Call To: City of St. Charles

---

Company: N/A

---

Phone No.: 636-949-3200

---

Subject: Cumulative Affect Analysis

---

cc: Lori Ferry (GAI PM)

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

---

Left Message for David Leezer (Director of Economic Development). Mr. Leezer returned call at 5:40 p.m. on 12.12.2016. Mr. Leezer informed GAI on a list of upcoming projects in the City of St. Charles planned for 2017-2018.

- There will be expansions of the Fountain Lakes Industrial Park that will include new warehouse spaces of 375,000 sq. ft. and 158,000 sq. ft. Fountain Lakes Industrial Park is located at Fountain Lakes Blvd in St. Charles, MO.
- Boeing Defense will be adding an additional 200,000 sq. ft. of warehouse space to its facility located on Little Hills Expressway in St. Charles, MO.
- There is a planned apartment complex (Cambridge Crossing Apartments) located on Cambridge Crossing Dr. which will have approximately 255 units available.

# telephone log



gai consultants

Date: 12.12.2016

---

Project / Admin. No.: E160438.00

---

Call From: Jeremy Marshall

---

Company: GAI Consultants

---

Phone No.: 346-231-7173

---

Call To: City of Weldon Spring

---

Company: N/A

---

Phone No.: 636-441-2110

---

Subject: Cumulative Affect Analysis

---

cc: Lori Ferry (GAI PM)

---

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

Left Message for Joe Nichols (City Engineer).

Mr. Joe Nichols returned the call on 12.13.2016 at 10:30 a.m. and informed GAI in upcoming developments in the Weldon Springs area om 2017-2018.

- Creekside Plaza situated off HWY 94 (Hwy.40/61) in Weldon Springs, MO. Creekside Plaza is a planned mixed use development for office space, medical, retail, and condominium homes.
- Vanguard Apartment Homes located of HWY 94 will include 234 apartments and 2 commercial units.

# telephone log



gai consultants

Date: 12.12.2016

---

Project / Admin. No.: E160438.00

---

Call From: Jeremy Marshall

---

Company: GAI Consultants

---

Phone No.: 346-231-7173

---

Call To: City of Wentzville

---

Company: N/A

---

Phone No.: 636-332-5101

---

Subject: Cumulative Affect Analysis

---

cc: Lori Ferry (GAI PM)

---

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

Left Message for Dan Lang (City Marketing Director).

Mr. Dan Lang returned call at 4:50 p.m. on 12.12.2016. Mr. Lang informed J. Marshall (GAI) of a 42,000 sq. ft. facility expansion at the existing General Motors Plant in Wentzville, MO. The building will be intended as a parts supply warehouse for the GM Factory in 2017.

## Ali Trunzo

---

**Subject:** RE: FERC Pipeline Project Information Request  
**Attachments:** AERIAL VIEW OF PROPERTY.pdf; SITE PLAN.pdf; STATEMENT OF HARDSHIP.pdf

---

**From:** Myers, Robert [<mailto:RMyers@sccmo.org>]  
**Sent:** Thursday, December 08, 2016 12:22 PM  
**To:** Andrea Halfhill <[A.Halfhill@gaiconsultants.com](mailto:A.Halfhill@gaiconsultants.com)>  
**Cc:** Harashe, Cassandra <[CHarashe@sccmo.org](mailto:CHarashe@sccmo.org)>; Whipple, Jan <[JWhipple@sccmo.org](mailto:JWhipple@sccmo.org)>  
**Subject:** RE: FERC Pipeline Project Information Request

Unfortunately, I have limited knowledge of what developments might be happening within the municipalities in this County as St. Charles County's development jurisdiction is only within the unincorporated areas. But here are a few larger projects in the northeast portion of St. Charles County.

- Smartt Airfield in the unincorporated County (6390 Grafton Ferry Road) is planning to expand from its current 92 hangers with an additional 19 new hangers to be constructed over the next few years. <http://www.sccmo.org/237/Airport---Smartt-Field>
- The large-scale New Town St. Charles development in the City of St. Charles is probably only half developed and I would guess has about 20 more years of phased development. <http://www.newtownstcharles.com/>
- The City of St. Peters is preparing the Premier 370 Business Park for development which is located in the Hwy. 370 corridor. <http://www.stpetersmo.net/370-development.aspx> In 2015, the City of St. Peters received plans for a half-million square foot warehouse and office building to be located in this new industrial park.

I hope this helps.

Robert Myers, AICP  
Planning and Zoning Division Director  
Community Development Department  
201 N Second St, Suite 420  
St. Charles, MO 63301  
(636) 949-7335 x 7225  
(636) 949-7336 (fax)  
[RMyers@sccmo.org](mailto:RMyers@sccmo.org)  
[www.sccmo.org](http://www.sccmo.org)  
[Facebook](#) | [Twitter](#) | [YouTube](#)



---

**From:** Andrea Halfhill [<mailto:A.Halfhill@gaiconsultants.com>]  
**Sent:** Thursday, December 08, 2016 10:24 AM  
**To:** Myers, Robert  
**Cc:** Harashe, Cassandra; Whipple, Jan  
**Subject:** RE: FERC Pipeline Project Information Request

Mainly we are looking for any large developments that may be in the works within the county – like housing developments or subdivisions, or any other utility line projects, compressor stations, etc. Basically anything major that



could potentially be impacted by our project coming through. We don't really need specific residential information since Spire will be coordinating with any landowners that the pipeline would cross.

---

**From:** Myers, Robert [<mailto:RMyers@sccmo.org>]  
**Sent:** Thursday, December 08, 2016 10:50 AM  
**To:** Andrea Halfhill <[A.Halfhill@gaiconsultants.com](mailto:A.Halfhill@gaiconsultants.com)>  
**Cc:** Harashe, Cassandra <[CHarashe@sccmo.org](mailto:CHarashe@sccmo.org)>; Whipple, Jan <[JWhipple@sccmo.org](mailto:JWhipple@sccmo.org)>  
**Subject:** RE: FERC Pipeline Project Information Request

Hello, Andrea. Can you verify what you mean by "St. Charles County as a whole"? Are you looking for information on development trends overall? Attached is some detailed information on the numbers and location of residential development throughout St. Charles County and/or in the unincorporated County. (See tabs at the bottom of spreadsheets.) But unfortunately I don't have comprehensive information on commercial and industrial development.

Robert Myers, AICP  
Planning and Zoning Division Director  
Community Development Department  
201 N Second St, Suite 420  
St. Charles, MO 63301  
(636) 949-7335 x 7225  
(636) 949-7336 (fax)  
[RMyers@sccmo.org](mailto:RMyers@sccmo.org)  
[www.sccmo.org](http://www.sccmo.org)  
[Facebook](#) | [Twitter](#) | [YouTube](#)



---

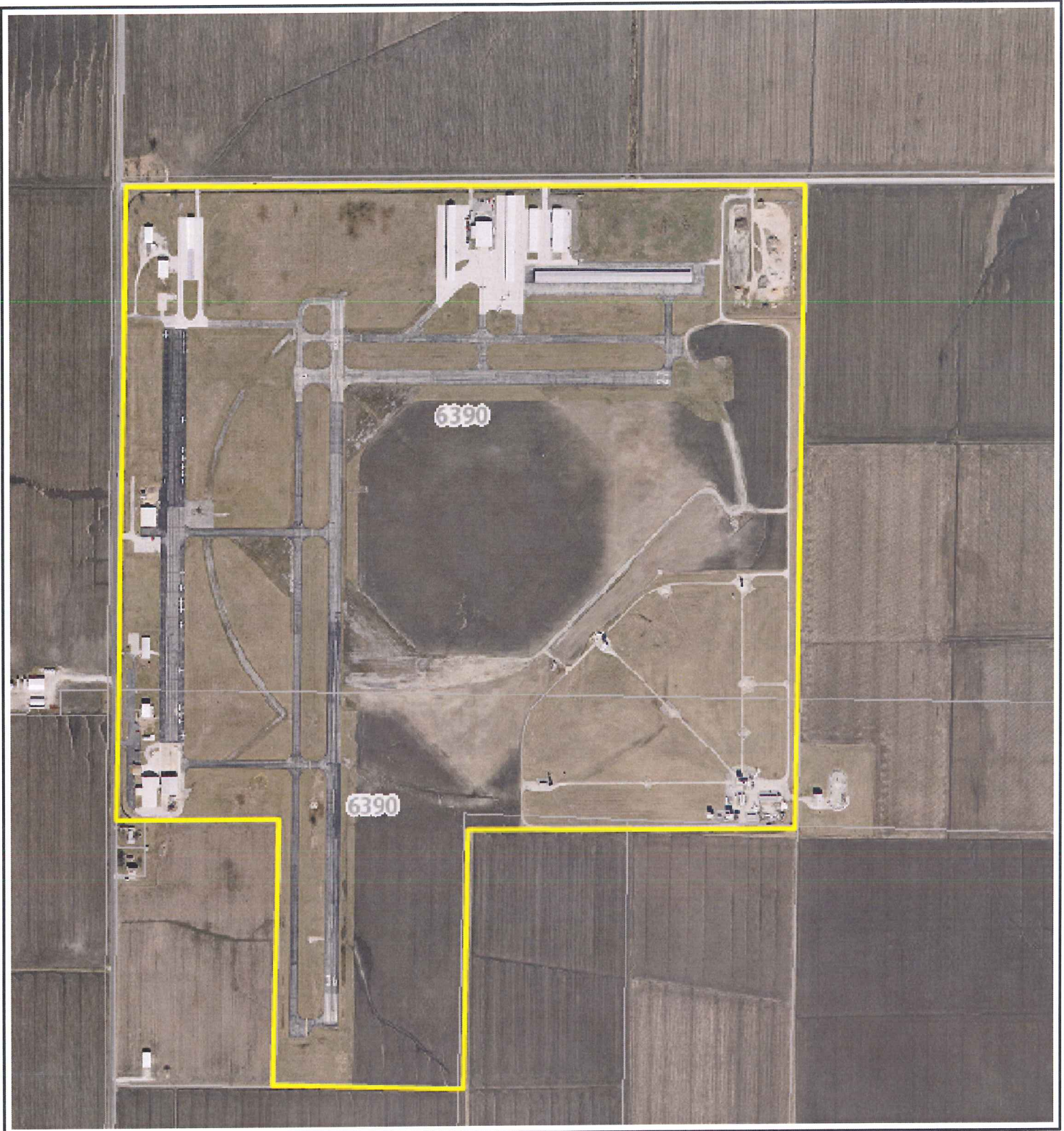
**From:** Andrea Halfhill [<mailto:A.Halfhill@gaiconsultants.com>]  
**Sent:** Thursday, December 08, 2016 8:15 AM  
**To:** Myers, Robert  
**Cc:** Harashe, Cassandra; Whipple, Jan  
**Subject:** RE: FERC Pipeline Project Information Request

Hi Robert,

I had emailed you previously regarding the Spire STL pipeline project to discuss planned residential, commercial, or other planned developments in the Project vicinity. Spire is preparing to file their environmental reports with the Federal Energy Regulatory Commission. When we last spoke there were none identified in the immediate Project area, but we now wanted to check in to see if there are any other developments within St. Charles County as a whole that you are aware of at this time.

Thanks for your help!

Andrea



# St. Charles County Smartt Field Airport

## 6390 Grafton Ferry Road

Printed: Aug 05, 2015



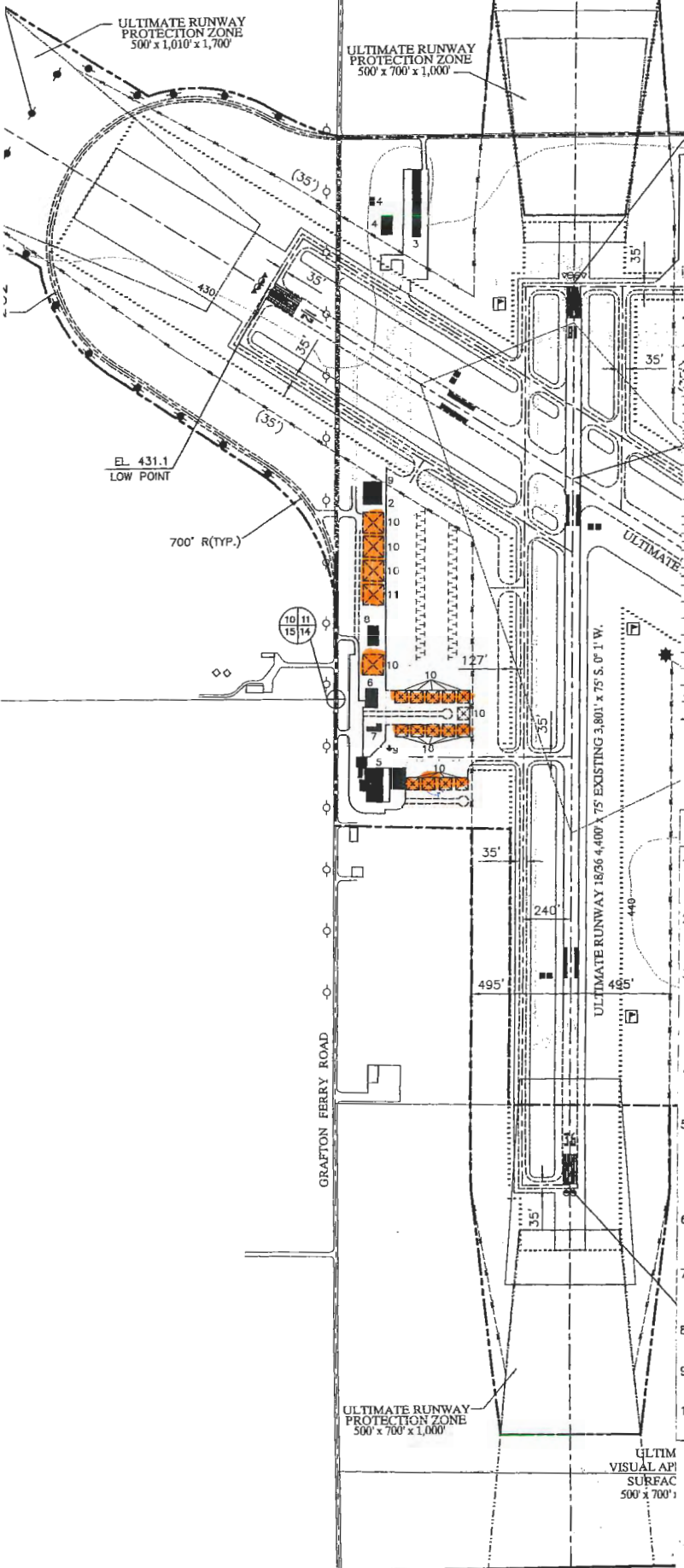
Source: St. Charles County, GIS Services. All map content are copyright of the St. Charles County Government and are subject to disclaimer.



ULTIMATE  
NON-PRECISION APPROACH  
SURFACE 34:1  
500' x 1,010' x 1,700'

ULTIMATE RUNWAY  
PROTECTION ZONE  
500' x 1,010' x 1,700'

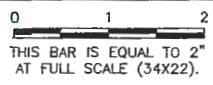
ULTIMATE RUNWAY  
PROTECTION ZONE  
500' x 700' x 1,000'



BUILDINGS/FACILITIES		
NUMBER	STRUCTURE	ELEVATION
1	C & D AVIATION	461.4
2	SKYLINE AVIATION	456.2
3	T-HANGAR	VAR.
4	AIRPORT MAINTENANCE	453.1
5	CONFEDERATE AIR FORCE HANGARS	467.6
6	AIRPORT OFFICE AND RESTAURANT	457.9
7	SHELTER	451.4
8	FAA CHAPTER BLDG.	456.0
9	UNDERGROUND FUEL STORAGE	N/A
10	CORPORATE HANGAR	VAR.
11	FIXED BASE OPERATOR	VAR.

PATH:  
FILE: 03\_ALD.dwg  
UPDATE BY:  
SURVEY BOOK #  
XREF DWG:  
XREF DWG:  
DATE:

REVISIONS		
NUMBER	BY	DATE



LEGEND		
EXISTING	ULTIMATE	DESCRIPTION
---	N/A	AIRPORT PROPERTY LINE
---	N/A	TRACT LINE
---	N/A	FAR PART 77 SURFACE
---	N/A	RUNWAY PROTECTION ZONE (R.P.Z.)
---	N/A	AIRFIELD PAVEMENT
---	N/A	EXISTING AIRFIELD PAVEMENT REMOVAL
---	N/A	AIRPORT BUILDINGS
---	N/A	HOUSES AND OUTBUILDINGS
---	N/A	AVIGATION EASEMENT
---	N/A	BUILDING RESTRICTION LINE (B.R.L.)
---	N/A	RUNWAY AND TAXIWAY SAFETY AREA (R.S.A.)
---	N/A	OBJECT FREE AREA (O.F.A.)
---	N/A	EXISTING PAVEMENT TO REMAIN
---	N/A	AIRPORT REFERENCE POINT (A.R.P.)
---	N/A	RUNWAY END IDENTIFIER LIGHT (REIL)
---	N/A	VISUAL GLIDE SLOPE INDICATOR (VGS)
---	N/A	THRESHOLD LIGHTS
---	N/A	AIRPORT ROTATING BEACON
---	N/A	WIND CONE
---	N/A	GROUND CONTOURS
---	N/A	POWER POLE

- GENERAL NOTES**
- 1.) BASE MAP WAS DEVELOPED USING AERIAL PHOTOS, "AS-BUILT" CONSTRUCTION DRAWINGS, AND PREVIOUS AIRPORT LAYOUT PLAN.
  - 2.) AIRPORT LAYOUT DRAWING FEATURES WERE DEVELOPED USING FAA ADVISORY CIRCULAR 150/5300-13, CHANGE 6.
  - 3.) THE BUILDING RESTRICTION LINE ENCOMPASSES THE RUNWAY PROTECTION ZONE, THE RUNWAY OBJECT FREE AREA, THE RUNWAY VISIBILITY ZONE, NAVAID CRITICAL AREAS, AND AIRPORT AREAS WITH LESS THAN 35 FOOT CLEARANCE UNDER THE FAR PART 77 SURFACE.
  - 4.) APPROACH SURFACES HAVE BEEN SHOWN SUPERSEDE RUNWAY PROTECTION ZONES WHERE THEIR DIMENSIONS ARE THE SAME.
  - 5.) THE ULTIMATE FAR PART 77 SURFACE AREA HAS BEEN SHOWN TO AN ELEVATION 50 FEET ABOVE THE RUNWAY END ELEVATION. SEE APPROACH SURFACE DRAWINGS FOR FAR PART 77 SURFACE ELEVATIONS 100 FEET ABOVE THE RUNWAY END ELEVATION.
  - 6.) ROADWAY AND RAILROAD ELEVATIONS, WHERE THEY INTERSECT THE FAR PART 77 APPROACH SURFACE, ARE SHOWN ON THE APPROACH SURFACE DRAWINGS.
  - 7.) THE ULTIMATE PROPERTY LINE IS BASED ON FEE ACQUISITION WITHIN THE FAR PART 77 APPROACH SURFACE UP TO A HEIGHT OF 50 FEET.
  - 8.) RUNWAY 9/27 TO BE REMOVED UPON DEVELOPMENT OF ULTIMATE RUNWAY 12/30.
  - 9.) NO OFZ OBJECT PENETRATIONS. THIS INFORMATION HAS NOT BEEN FIELD CHECKED.
  - 10.) NO THRESHOLD SITING SURFACE OBJECT PENETRATIONS. THIS INFORMATION HAS NOT BEEN FIELD CHECKED.

ST. CHARLES COUNTY, MISSOURI  
SMARTT AIRPORT

AIRPORT LAYOUT DRAWING

**CMT**  
CRAWFORD, MURPHY & TILLY, INC.  
CONSULTING ENGINEERS

© Copyright CMT, Inc.

DESIGN BY:	M.A.P.
DRAWN BY:	C.A.G.
CHECKED BY:	L.J.S
APPROVED BY:	
DATE:	3/1/2002
JOB No:	00438-02-02

**EXHIBIT IV-5**



Dennis E. Wiss, A.A.E.  
Airport Director

**SMARTT FIELD  
AIRPORT**

October 5, 2016

St. Charles County  
Board of Zoning Adjustment  
ATTN: Chairman G. Prinster  
201 N. Second St.  
St. Charles, MO 63301

Dear Chairman Prinster:

On behalf of the St. Charles County Smartt Field Airport I am submitting this application for a variance of the flood plain elevations at Smartt Field from one foot above base flood level elevations to adjacent grades in order to accommodate the construction and development of aircraft storage hangars.

In August of 2014 the County Council adopted Ordinance 14-081 to allow for the leasing of County-owned property at the Airport to private individuals for the construction of aircraft hangars or other uses. Several current tenants of the Airport have expressed interest in constructing their own hangars. In anticipation of these individuals, or others, moving forward with developing hangars, this variance is being requested in advance so that new hangar construction is not unnecessarily delayed.

Requiring hangar developers to raise their units one foot above the base flood plain level would be cost-prohibitive and would in all likelihood stymy any future development. Additionally, paved areas between the hangars and adjoining taxiways would exceed the FAA-recommended maximum pavement grades of 1.5%.

Granting of the requested variance would not result in any of the following conditions: an increase in flood heights, increased threats to public safety, additional public expense, the creation of nuisances, victimization or fraud of the general public, conflict with existing local or state laws or the Zoning Orders of St. Charles County.

Your consideration of this variance request will be greatly appreciated. The Smartt Field Airport has seen increased air traffic and usage in the past years and development of hangars will only help to continue the use of the airport and the aircraft support businesses thereon.

Sincerely,

Dennis Wiss, A.A.E.  
Airport Director

# telephone log



gai consultants

Date: 10/12/2016

---

Project / Admin. No.: E160438.00

---

Call From: Jason Farley (Commissioner)

---

Company: City of West Alton, Missouri – Planning and Zoning Commission

---

Phone No.: 314-306-4695

---

Call To: Andrea Halfhill

---

Company: GAI Consultants

---

Phone No.: 412-399-5521

---

Subject: Planned residential/commercial developments

---

cc:

---

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

---

Jason Farley returned the previous message left. Andrea explained that we were requesting information on any in-progress or planned residential or commercial developments within the city of West Alton's jurisdiction.

Jason said there is nothing at this time.

# telephone log



gai consultants

Date: September 30, 2016

---

Project / Admin. No.: E160438.00

---

Call From: Erin Matthews

---

Company: GAI Consultants

---

Phone No.: 412-399-5251

---

Call To: Collin Wamsley and Charles Perkins

---

Company: Missouri Department of Agriculture and St. Charles County SWCD

---

Phone No.: 217.742.9561

---

Subject: Noxious weeds

---

cc:

---

## Summary of Discussion, Decisions, and Commitments:

---

I've spoken with Collin Wamsley of the MO Department of Agriculture and Charles Perkins of the St. Charles County Soil and Water Conservation District. They informed me of the following;

- a. Noxious weed jurisdiction is given to the MoDA, but enforcement was passed onto the county. Missouri Noxious Weed Law certified by the Weed Board  
<http://agriculture.mo.gov/plants/ipm/noxiousweeds.php>
- b. The law generally states that no noxious weeds are allowed to be planted, you must purchase native weed free seed, and cannot allow noxious weeds to grow to maturity.

# telephone log



gai consultants

Date: 9/29/16

---

Project / Admin. No.: E160438.00

---

Call From: Kevin Machens

---

Company: North Consolidated Levee District

---

Phone No.: 314-750-2519

---

Call To: Lori Ferry

---

Company: GAI Consultants

---

Phone No.: 630-605-5255

---

Subject: Geotechnical Bores

---

cc:

---

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

---

Mr. Machens responded to GAI's message to him regarding the approval of the geotechnical bores near the levee on the north side of the Missouri river. Mr. Machens indicated he received a letter from the USACE indicating their approval of the geotechnical bore. Mr. Machens thought that since the geotechnical bore location was on the land side of the levee, the levee district had no concerns. He indicated that Spire should work with the landowners at this site to determine the best time and way to get into the site.

## Ali Trunzo

---

**From:** Andrea Halfhill  
**Sent:** Wednesday, September 28, 2016 4:02 PM  
**To:** Ali Trunzo  
**Subject:** FW: FERC Pipeline Project Information Request

---

**From:** Myers, Robert [mailto:RMyers@sccmo.org]  
**Sent:** Wednesday, September 28, 2016 3:59 PM  
**To:** Andrea Halfhill <A.Halfhill@gaiconsultants.com>  
**Cc:** Harashe, Cassandra <CHarashe@sccmo.org>; Whipple, Jan <JWhipple@sccmo.org>  
**Subject:** RE: FERC Pipeline Project Information Request

Nothing we know of within unincorporated St. Charles County within a mile. You may want to check with the City of Portage des Sioux and the City of West Alton. I believe Portage des Sioux has been working to upgrade their sewage treatment plant, although doing so may not necessarily expand their sewage capacity.

Robert Myers, AICP  
Planning and Zoning Division Director  
Community Development Department  
201 N Second St, Suite 420  
St. Charles, MO 63301  
(636) 949-7335 x 7225  
(636) 949-7336 (fax)  
[RMyers@sccmo.org](mailto:RMyers@sccmo.org)  
[www.sccmo.org](http://www.sccmo.org)  
[Facebook](#) | [Twitter](#) | [YouTube](#)



---

**From:** Andrea Halfhill [mailto:A.Halfhill@gaiconsultants.com]  
**Sent:** Wednesday, September 28, 2016 2:18 PM  
**To:** Myers, Robert  
**Cc:** Harashe, Cassandra; Whipple, Jan  
**Subject:** RE: FERC Pipeline Project Information Request

Hi Robert,

We received additional guidance from FERC and would like to get your input on an expanded area – can you let us know if there is anything planned within 1 mile of the proposed project?

We appreciate your help!

Andrea



---

**From:** Myers, Robert [<mailto:RMyers@sccmo.org>]  
**Sent:** Monday, September 26, 2016 11:10 AM  
**To:** Andrea Halfhill <[A.Halfhill@gaiconsultants.com](mailto:A.Halfhill@gaiconsultants.com)>  
**Cc:** Harashe, Cassandra <[CHarashe@sccmo.org](mailto:CHarashe@sccmo.org)>; Whipple, Jan <[JWhipple@sccmo.org](mailto:JWhipple@sccmo.org)>  
**Subject:** FW: FERC Pipeline Project Information Request

Hello, Andrea.

For that portion of the proposed pipeline to be located within the unincorporated St. Charles County, the County does not have knowledge of any residential subdivisions or commercial/business subdivisions to be located within a half mile of the pipeline route. The County's requirement that new subdivisions be served by roadways which are elevated above the floodway fringe (100-year floodplain) largely precludes new subdivisions in this area of the County.

Please be aware that approximately the eastern third of the route in St. Charles County will be located in the municipality of West Alton and so the County would not have information about potential developments within that municipality.

Robert Myers, AICP  
Planning and Zoning Division Director  
Community Development Department  
201 N Second St, Suite 420  
St. Charles, MO 63301  
(636) 949-7335 x 7225  
(636) 949-7336 (fax)  
[RMyers@sccmo.org](mailto:RMyers@sccmo.org)  
[www.sccmo.org](http://www.sccmo.org)  
[Facebook](#) | [Twitter](#) | [YouTube](#)



---

**From:** Andrea Halfhill [<mailto:A.Halfhill@gaiconsultants.com>]  
**Sent:** Tuesday, September 13, 2016 9:49 AM  
**To:** CommDev; Development  
**Subject:** FERC Pipeline Project Information Request

Good morning,

We are researching information on behalf of Spire STL Pipeline LLC, for the Spire STL Pipeline Project as described below. As part of the FERC application, we are consulting with county and local planning agencies to identify any planned residential or commercial/business subdivisions that would be crossed by or within 0.25-mile of our proposed project.

I have attached some preliminary mapping for your use in reviewing the project footprint.

Any information you can pass along is greatly appreciated!

Description of the Project:

Spire STL Pipeline LLC ("Spire"), a wholly owned subsidiary of Spire Inc., is seeking authorization from the Federal Energy Regulatory Commission ("FERC") pursuant to Section 7(c) of the Natural Gas Act to construct and operate the proposed

Spire STL Pipeline Project (“Project”) located in Scott, Greene, and Jersey Counties, Illinois, and St. Charles and St. Louis Counties, Missouri. The Project as proposed will consist of approximately 57.4 miles of new build 24-inch-diameter steel pipeline (referred to as the “new build” 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 new build then crosses the Mississippi 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, including its appurtenant and ancillary facilities, from LGC and modify the pipeline before placing it in interstate service. Line 880 consists of approximately 7.6 miles of existing 20-inch-diameter steel natural gas pipeline located in St. Louis County, Missouri that will connect the new build 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. The total length of the Project pipelines will be approximately 65.0 miles. The overall design capacity of the pipeline is expected to be 400,000 dekatherms per day (“Dth/d”). No compression will be required. The Project as proposed will include pipeline interconnects with REX in Illinois and LGC and Enable MRT in Missouri. The Project will also include the construction of minor aboveground facilities.

Thank you,

*Andrea*

**Andrea M. Halfhill, B.A, B.S.**  
Project Environmental Specialist

**GAI Consultants**

6000 Town Center Blvd., Suite 300, Canonsburg, PA 15317

T 724.873.3545 | D 412.399.5521 | M 724.344.0124 | [gaiconsultants.com](http://gaiconsultants.com) |     

\* Please update your records with my new direct telephone number



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## Ali Trunzo

---

**From:** Lori Ferry  
**Sent:** Thursday, September 15, 2016 4:19 PM  
**To:** KWIBBENMEYER@WIBBENMEYERLAW.COM  
**Cc:** Rodriguez Robles, Edward C MVS; Jayme Fuller; Douglas Sipe; Ali Trunzo; skmachens@live.com; Loren Locher  
**Subject:** Spire STL Pipeline-North County Levee

Hi Kevin,

Thank you for taking the time to speak with us this afternoon, we appreciate it.





Below is a summary of our call:

- Spire was informed from St. Louis that a letter of endorsement from the levee district be included with our federal permit package. We wanted to touch base with you to discuss what would be required in order to obtain this letter, so that we can plan to provide you the necessary materials in sufficient time.
- We understand from the call that generally the levee district will defer to the USACE review and determination that the crossing is being conducted without impacting the integrity of the levee.
- North Consolidated Levee District is not familiar with providing a letter of endorsement but would want to have a discussion with the St. Louis District to understand what would be needed and could provide a letter as necessary.
- Spire can provide draft design details/drawings this fall if required.

Ed-if there is further information you can provide us regarding the USACE requirement to have a letter from the levee district, it would be greatly helpful.

Thanks all!  
Lori

**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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**From:** Andrea Halfhill [<mailto:A.Halfhill@gaiconsultants.com>]  
**Sent:** Wednesday, September 28, 2016 12:06 PM  
**To:** Coleman, Frankie <[frankie.coleman@swcd.mo.gov](mailto:frankie.coleman@swcd.mo.gov)>  
**Cc:** Cook, Renee - NRCS, St. Peters, MO <[Renee.Cook@mo.usda.gov](mailto:Renee.Cook@mo.usda.gov)>  
**Subject:** RE: FERC Pipeline Project Soil Information Request

Hi Frankie,

I just wanted to check in with you to see if you had any information.

Thanks for your time!

Andrea

---

**From:** Coleman, Frankie [<mailto:frankie.coleman@swcd.mo.gov>]  
**Sent:** Friday, September 16, 2016 9:00 AM  
**To:** Andrea Halfhill <[A.Halfhill@gaiconsultants.com](mailto:A.Halfhill@gaiconsultants.com)>  
**Cc:** 'Cook, Renee - NRCS, St. Peters, MO' <[Renee.Cook@mo.usda.gov](mailto:Renee.Cook@mo.usda.gov)>  
**Subject:** RE: FERC Pipeline Project Soil Information Request

Ms. Halfhill,

I apologize for not responding earlier. We are checking into whether or not the NRCS state office should handle the request. Hopefully, we will know something soon. I will keep you updated.

Regards,

Frankie Coleman

---

**From:** Andrea Halfhill [<mailto:A.Halfhill@gaiconsultants.com>]  
**Sent:** Wednesday, September 07, 2016 1:50 PM  
**To:** Coleman, Frankie  
**Subject:** FERC Pipeline Project Soil Information Request

Good afternoon,

We are researching information on behalf of Spire STL Pipeline LLC, for the Spire STL Pipeline Project as described below. As part of the FERC application, we will be consulting with land management agencies and local soil conservation authorities to request any recommendations you may have for seed mixes, seeding dates, application rates for fertilizer and lime, erosion controls, and noxious weed controls. We are also looking for any specific restoration and/or seeding plans that may be required or recommended by your agency or any requirements for what species and fertilizers should be used on areas disturbed by construction to generate growth.

I have attached some preliminary mapping for your use in reviewing the project footprint.

Any information you can pass along is greatly appreciated!

Description of the Project:

Spire STL Pipeline LLC ("Spire"), a wholly owned subsidiary of Spire Inc., is seeking authorization from the Federal Energy Regulatory Commission ("FERC") pursuant to Section 7(c) of the Natural Gas Act to construct and operate the proposed Spire STL Pipeline Project ("Project") located in Scott, Greene, and Jersey Counties, Illinois, and St. Charles and St. Louis

Counties, Missouri. The Project as proposed will consist of approximately 57.4 miles of new build 24-inch-diameter steel pipeline (referred to as the “new build” 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 new build 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, including its appurtenant and ancillary facilities, from LGC and modify the pipeline before placing it in interstate service. Line 880 consists of approximately 7.6 miles of existing 20-inch-diameter steel natural gas pipeline located in St. Louis County, Missouri that will connect the new build 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. The total length of the Project pipelines will be approximately 65.0 miles. The overall design capacity of the pipeline is expected to be 400,000 dekatherms per day (“Dth/d”). No compression will be required. The Project as proposed will include pipeline interconnects with REX in Illinois and LGC and Enable MRT in Missouri. The Project will also include the construction of minor aboveground facilities.

Thank you,

*Andrea*

**Andrea M. Halfhill, B.A., B.S.**  
Project Environmental Specialist

**GAI Consultants**

6000 Town Center Blvd., Suite 300, Canonsburg, PA 15317

T 724.873.3545 | D 412.399.5521 | M 724.344.0124 | [gaiconsultants.com](http://gaiconsultants.com) |     

\* Please update your records with my new direct telephone number



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## Ali Trunzo

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**From:** Barron, John <JBarron@sccmo.org>  
**Sent:** Wednesday, August 17, 2016 9:31 AM  
**To:** Lori Ferry  
**Cc:** Ali Trunzo  
**Subject:** Spire STL Pipeline - Submittal Portal

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**From:** Barron, John  
**Sent:** Wednesday, August 17, 2016 8:22 AM  
**To:** 'ajayjhamb@gmail.com'  
**Subject:** Cricket Fields (Citizen Serve file 16-002266)

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1. Click on “Business” along top row.
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9. Then on the left in a column you will see “options, select an application”.
10. This is where you submit your on-line application for the Land Disturbance and other permits required.
11. You will need to create a password and then this is what you use to submit your drawings and any required on-line payment.

In addition, I will send you the link once I get it corrected. I realize that you want be submitting for over a year from now.

Thanks!

John Barron

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**From:** Barron, John <JBarron@sccmo.org>  
**Sent:** Friday, August 12, 2016 5:12 PM  
**To:** Lori Ferry  
**Cc:** Ali Trunzo; Marr, Ellie; Zerr, Mick; Kuehler, Charles; Whipple, Jan; Gnecco, Rich  
**Subject:** Spire STL Pipeline  
**Attachments:** UDO - Natural Watercourses.pdf

Dear Ms. Ferry:

Reference is made to your letter dated July 29, 2016 to Mr. Rich Gnecco of St. Charles County Development Review regarding the proposed Spire STL Pipeline. I spoke with Ms. Ali Trunzo with your GAI Office in Pittsburgh, Pennsylvania two days ago and let her know about permit requirements for work within St. Charles County for your proposed gas main extension project. The permit types and contact information are as below listed:

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2. Building Permits (For proposed structures) – Mr. Mick Zerr, e-mail: [mzerr@sccmo.org](mailto:mzerr@sccmo.org), tel. 636-234-1192.
3. Highway Department Special Use Permits (SUP) (For proposed work within the St. Charles Co. R/W) – Mr. Charles Kuehler, e-mail: [ckuehler@sccmo.org](mailto:ckuehler@sccmo.org), tel. 636-949-7305.
4. Land Development Permits (For land disturbances exceeding 5,000 square feet) & Natural Watercourse Permits (see attachment for requirements) – John Barron, e-mail: [jbarron@sccmo.org](mailto:jbarron@sccmo.org), tel. 636-949-1817.

Please use the following link to make your permits applications through our portal when you decide to submit:

<http://www2.citizenserve.com/CAP/CitizenController>

Also, with regard to your proposed gas main alignment, Ameren has an existing facility on the Mississippi River, west of the intersection of Saale Road and Dwiggin Road. Their property is identified by St. Charles County Account Numbers: 846540A000 & A975000007. You may want to contact Ameren about this if necessary.

Sincerely,

John Barron

## Article VI: Regulations For The Protection of Natural Watercourses

### Section 405.5021 Findings and Policy.

[Ord. No. 02-004 §1, 1-30-2002; Ord. No. 02-088 §1, 6-26-2002]

- A. Vegetated buffers adjacent to natural watercourses provide numerous environmental protection and resource management benefits that can include the following:
1. Reducing flood impacts by absorbing peak flows and slowing the velocity of floodwaters;
  2. Benefitting the community economically by minimizing encroachment on natural watercourses and the need for costly engineering solutions; by reducing property damage and threats to safety of watershed residents; by contributing to the scenic beauty and environment of the community, and thereby preserving the character of the community, improving the quality of life of its residents, and increasing the value of their property;
  3. Providing infiltration of stormwater and runoff, and reducing impervious surfaces;
  4. Stabilizing banks of natural watercourses;
  5. Reducing sediment and erosion along natural watercourses;
  6. Removing pollutants from stormwater;
  7. Restoring and maintaining the chemical, physical and biological integrity of the water resources;
  8. Maintaining base flows of natural watercourses;
  9. Contributing organic matter that is a source of food and energy for the aquatic ecosystem;
  10. Providing tree canopy to shade natural watercourses;
  11. Providing habitat to a wide array of wildlife by maintaining diverse interconnected riparian vegetation;
  12. Furnishing recreational opportunities; and
  13. Allowing areas for natural watercourses to meander naturally reducing infrastructure and property damage.
- B. It is the policy of St. Charles County to protect and maintain the native vegetation adjacent to natural watercourses by implementing specifications for the establishment, protection and maintenance of a vegetated buffer along all natural watercourses under St. Charles County's jurisdiction which are left in their natural state.

### Section 405.5022 Purpose.

[Ord. No. 02-004 §1, 1-30-2002; Ord. No. 02-088 §2, 6-26-2002]

The purpose of this Article is to establish minimal acceptable requirements for the design of vegetated buffers to protect the natural watercourses of all watersheds within unincorporated St. Charles County which are left in their natural state; to protect the water quality of watercourses, reservoirs, lakes and other significant water resources within these watersheds; to protect riparian and aquatic ecosystems within these watersheds; to provide for the environmentally sound use of land and aquatic resources within these watersheds.

### Section 405.5023 Scope of Application and Requirements.

[Ord. No. 02-004 §1, 1-30-2002; Ord. No. 02-088 §3, 6-26-2002; Ord. No. 03-142 §1(72—73), 10-1-2003; Ord. No. 07-040 §1, 3-13-2007]

A. *Application.*

1. This Article shall apply to all proposed development except for that development which meets waiver or adjustment criteria as provided in this Article.



2. This Article shall apply to surface mining operations except that this Article's standards in Section 405.5025 shall not apply to active surface mining operations that are operating in compliance with Missouri Department of Natural Resources surface mining permit.
3. Except as provided in Section 405.5026(A) and Section 405.5026(B)(5), this Article shall not apply to land used primarily for agricultural or farming purposes.

**B. Requirements.**

1. All natural watercourses depicted on the most current United States Geological Survey (U.S.G.S) 7.5 Minute Series (Topographic) Maps for St. Charles County, Missouri, shall be left in their natural state.
2. All natural watercourses left in their natural state shall be flanked with vegetated buffers meeting the requirements of this Article.
3. Within such vegetated buffers, there shall be no clearing, grading, construction or disturbance of vegetation except as permitted by Section 405.5026 of this Article.
4. Development along natural watercourses that are left in their natural state shall have residential, commercial or industrial improvements, parking areas, driveways and in all subdivisions, except those with lots three (3) acres or larger in size, lot lines set back from the top of the existing stream bank or the 10-year, twenty-four (24) hour or 15-year, twenty (20) minute water surface elevation where no established top-of-bank can be determined, all as provided by this Article. In the case of subdivision plats, except those with lots three (3) acres or larger in size, the watercourse and the above-mentioned setback area shall be preserved and made the responsibility of the subdivision trustees. In the case of a subdivision with lots three (3) acres or larger in size, site plan, commercial, industrial or private site, the watercourse and the above-mentioned setback area shall be preserved and made the responsibility of the property owner(s). Permanent vegetation and existing ground elevation and grades within the above-mentioned setback area shall be left intact and undisturbed, except as permitted by this Article.

### **Section 405.5024 Plan Requirements.**

[Ord. No. 02-004 §1, 1-30-2002; Ord. No. 02-088 §4, 6-26-2002; Ord. No. 03-142 §1(74—76), 10-1-2003]

- A. A vegetated buffer plan shall be submitted in conjunction with or as part of any grading plan or site plan for any development (if such grading plan or site plan is required by this Unified Development Ordinance), and the vegetated buffer shall be clearly delineated on any grading plan or site plan.
- B. The vegetated buffer plan shall contain the following information:
  1. A location or vicinity map;
  2. Field-surveyed natural watercourses which are left in their natural state;
  3. Field-surveyed vegetated buffers adjacent to natural watercourses which are left in their natural state;
  4. Proposed clearing or grading limits;
  5. Limits of the 100-year flood plain and floodway as identified on the official FIRM.
- C. Boundary markers locating the boundaries of vegetated buffers and the clearing/grading limits shall be installed prior to final approval of the required clearing and grading plan.

### **Section 405.5025 Minimum Standards For Vegetated Buffers.**

[Ord. No. 02-004 §1, 1-30-2002; Ord. No. 02-088 §5, 6-26-2002]

- A. A vegetated buffer for a natural watercourse which is left in its natural state shall consist of a vegetated strip of land extending along both sides of a natural watercourse.
- B. The vegetated buffer shall begin at the edge of the bank of the natural watercourse.
- C. For those sites where vegetation does not exist, developers or owners shall allow the vegetated buffer to succeed naturally.

- D. The minimum width of the vegetated buffer shall be:
1. Fifty (50) feet along the main branch of the Dardenne Creek, the Peruque Creek, the Femme Osage Creek, the Big Creek, and the McCoy Creek;
  2. Twenty-five (25) feet along all other natural watercourses left in their natural state.
- E. The following land uses and/or activities are designated as potential water pollution hazards and must be set back from any natural watercourse left in its natural state by the distance indicated below:
1. Drain fields from on-site sewage disposal and treatment systems (i.e., septic systems)—one hundred (100) feet;
  2. Raised septic systems—two hundred fifty (250) feet.

### Section 405.5026 Management and Maintenance of Vegetated Buffer. <sup>[1]</sup>

[Ord. No. 02-004 §1, 1-30-2002; Ord. No. 03-142 §1(77—79), 10-1-2003; Ord. No. 07-040 §1, 3-13-2007]

- A. Installation or removal of berms or dams across natural watercourses that are depicted on the most current United States Geological Survey 7.5 Minute Series (Topographic) Maps for St. Charles County, Missouri, that cause or caused the impoundment of stormwater are permitted only with the approval of the Governing Body.
- B. The vegetated buffer shall be managed to enhance and maximize its value and effectiveness. Management includes specific limitations on altering the natural conditions of the buffer. The following practices and activities are permitted only with the express written approval of the Director of Community Development:
1. Clearing of existing vegetation;
  2. Soil disturbance by grading, stripping, or other practices;
  3. Filling or dumping;
  4. Drainage by ditching;
  5. Installation or removal of berms or dams across natural watercourses that are not depicted on the most current United States Geological Survey 7.5 Minute Series (Topographic) Maps for St. Charles County, Missouri, that cause the impoundment of stormwater.
- C. The following structures, practices and activities are permitted in the vegetated buffer, with specific design or maintenance features, subject to the review by the Director of the Division of Planning and Zoning and Director of the Division of Development Review:
1. *Roads, bridges and utilities (including sanitary and storm sewers)*. The right-of-way shall be the minimum width needed to allow for maintenance access and installation. The angle of the right-of-way or utility crossing shall be perpendicular to the natural watercourse or vegetated buffer in order to minimize clearing requirements. Plats and site plans shall include only the minimum number possible of such crossings.
  2. Paths, including hard-surfaced trails.
- D. Buffer restoration projects approved by the Director of the Division of Planning and Zoning are permitted within the vegetated buffer.
- E. Water quality monitoring and stream gauging are permitted within the vegetated buffer.
- F. Trash and debris and individual trees within the vegetated buffer that are in danger of falling, causing damage to dwellings or other structures, or causing blockage of the natural watercourse may be removed.
- G. Material dredged or removed during development authorized under this Section shall be stored outside the vegetated buffer.
- H. All plats and all improvement plans shall clearly:
1. Show the boundaries of any vegetated buffer on the subject property;
  2. Provide a note to reference any vegetated buffer stating: "There shall be no clearing, grading, construction or disturbance of vegetation except as permitted by Section 405.5026 of the Unified Development Ordinance of St. Charles County, Missouri".

[1]

## **Section 405.5027 Waiver or Adjustment.**

[Ord. No. 02-004 §1, 1-30-2002; Ord. No. 03-142 §1(80), 10-1-2003; Ord. No. 14-110 §2, 12-15-2014]

- A. The Director of Community Development or his/her designee may grant a waiver allowing the vegetated buffer to be disturbed only in cases of public purpose and necessity or only upon the Director's approval of designed streambank or site-development erosion control measures.
- B. The Director of Community Development or his/her designee, upon written application by a property owner, may adjust the provisions of Section **405.5026**, above, to allow a new accessory structure to encroach on the vegetated buffer, if the Director makes the following determinations based on the application and the records of the Department of Community Development.
  - 1. The application is for a lot that:
    - a. Is less than three (3) acres in area;
    - b. Existed of record on January 30, 2002; and
    - c. Is improved by structures all of which existed on January 30, 2002.
  - 2. The proposed accessory structure is permissible without any other variance.
  - 3. The encroachment is the minimum necessary to accommodate the proposed accessory structure.
  - 4. The encroachment will not substantially impair the policy, purpose and standards stated in Sections **405.5021**, **405.5022** and **405.5025**, above.

## **Section 405.5028 Violations and Enforcement.** <sup>[1]</sup>

[Ord. No. 02-004 §1, 1-30-2002]

- A. The Director of the Division of Planning and Zoning shall enforce the provisions of the foregoing Sections of this Article as provided in Sections **405.640** through **405.655** of this Unified Development Ordinance.
- B. Anyone who knowingly makes any false statements in any application, record or plan required by this Article shall upon conviction be punished by a fine of not more than one thousand dollars (\$1,000.00) for each violation, imprisonment for not more than thirty (30) days, or both.

[1] *Editor's Note—For designation of the division of planning and zoning, see ord. no. 02-204 adopted 12-23-2002 set out in ch. 132 of this code and ord. no. 03-195 adopted 12-31-2003.*

## Ali Trunzo

---

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**Sent:** Wednesday, August 17, 2016 9:31 AM  
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### Section 405.5021 Findings and Policy.

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### Section 405.5022 Purpose.

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2. This Article shall apply to surface mining operations except that this Article's standards in Section 405.5025 shall not apply to active surface mining operations that are operating in compliance with Missouri Department of Natural Resources surface mining permit.
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**B. Requirements.**

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### **Section 405.5024 Plan Requirements.**

[Ord. No. 02-004 §1, 1-30-2002; Ord. No. 02-088 §4, 6-26-2002; Ord. No. 03-142 §1(74—76), 10-1-2003]

- A. A vegetated buffer plan shall be submitted in conjunction with or as part of any grading plan or site plan for any development (if such grading plan or site plan is required by this Unified Development Ordinance), and the vegetated buffer shall be clearly delineated on any grading plan or site plan.
- B. The vegetated buffer plan shall contain the following information:
  1. A location or vicinity map;
  2. Field-surveyed natural watercourses which are left in their natural state;
  3. Field-surveyed vegetated buffers adjacent to natural watercourses which are left in their natural state;
  4. Proposed clearing or grading limits;
  5. Limits of the 100-year flood plain and floodway as identified on the official FIRM.
- C. Boundary markers locating the boundaries of vegetated buffers and the clearing/grading limits shall be installed prior to final approval of the required clearing and grading plan.

### **Section 405.5025 Minimum Standards For Vegetated Buffers.**

[Ord. No. 02-004 §1, 1-30-2002; Ord. No. 02-088 §5, 6-26-2002]

- A. A vegetated buffer for a natural watercourse which is left in its natural state shall consist of a vegetated strip of land extending along both sides of a natural watercourse.
- B. The vegetated buffer shall begin at the edge of the bank of the natural watercourse.
- C. For those sites where vegetation does not exist, developers or owners shall allow the vegetated buffer to succeed naturally.

- D. The minimum width of the vegetated buffer shall be:
1. Fifty (50) feet along the main branch of the Dardenne Creek, the Peruque Creek, the Femme Osage Creek, the Big Creek, and the McCoy Creek;
  2. Twenty-five (25) feet along all other natural watercourses left in their natural state.
- E. The following land uses and/or activities are designated as potential water pollution hazards and must be set back from any natural watercourse left in its natural state by the distance indicated below:
1. Drain fields from on-site sewage disposal and treatment systems (i.e., septic systems)—one hundred (100) feet;
  2. Raised septic systems—two hundred fifty (250) feet.

### Section 405.5026 Management and Maintenance of Vegetated Buffer. <sup>[1]</sup>

[Ord. No. 02-004 §1, 1-30-2002; Ord. No. 03-142 §1(77—79), 10-1-2003; Ord. No. 07-040 §1, 3-13-2007]

- A. Installation or removal of berms or dams across natural watercourses that are depicted on the most current United States Geological Survey 7.5 Minute Series (Topographic) Maps for St. Charles County, Missouri, that cause or caused the impoundment of stormwater are permitted only with the approval of the Governing Body.
- B. The vegetated buffer shall be managed to enhance and maximize its value and effectiveness. Management includes specific limitations on altering the natural conditions of the buffer. The following practices and activities are permitted only with the express written approval of the Director of Community Development:
1. Clearing of existing vegetation;
  2. Soil disturbance by grading, stripping, or other practices;
  3. Filling or dumping;
  4. Drainage by ditching;
  5. Installation or removal of berms or dams across natural watercourses that are not depicted on the most current United States Geological Survey 7.5 Minute Series (Topographic) Maps for St. Charles County, Missouri, that cause the impoundment of stormwater.
- C. The following structures, practices and activities are permitted in the vegetated buffer, with specific design or maintenance features, subject to the review by the Director of the Division of Planning and Zoning and Director of the Division of Development Review:
1. *Roads, bridges and utilities (including sanitary and storm sewers)*. The right-of-way shall be the minimum width needed to allow for maintenance access and installation. The angle of the right-of-way or utility crossing shall be perpendicular to the natural watercourse or vegetated buffer in order to minimize clearing requirements. Plats and site plans shall include only the minimum number possible of such crossings.
  2. Paths, including hard-surfaced trails.
- D. Buffer restoration projects approved by the Director of the Division of Planning and Zoning are permitted within the vegetated buffer.
- E. Water quality monitoring and stream gauging are permitted within the vegetated buffer.
- F. Trash and debris and individual trees within the vegetated buffer that are in danger of falling, causing damage to dwellings or other structures, or causing blockage of the natural watercourse may be removed.
- G. Material dredged or removed during development authorized under this Section shall be stored outside the vegetated buffer.
- H. All plats and all improvement plans shall clearly:
1. Show the boundaries of any vegetated buffer on the subject property;
  2. Provide a note to reference any vegetated buffer stating: "There shall be no clearing, grading, construction or disturbance of vegetation except as permitted by Section 405.5026 of the Unified Development Ordinance of St. Charles County, Missouri".

[1]



## **Section 405.5027 Waiver or Adjustment.**

[Ord. No. 02-004 §1, 1-30-2002; Ord. No. 03-142 §1(80), 10-1-2003; Ord. No. 14-110 §2, 12-15-2014]

- A. The Director of Community Development or his/her designee may grant a waiver allowing the vegetated buffer to be disturbed only in cases of public purpose and necessity or only upon the Director's approval of designed streambank or site-development erosion control measures.
- B. The Director of Community Development or his/her designee, upon written application by a property owner, may adjust the provisions of Section **405.5026**, above, to allow a new accessory structure to encroach on the vegetated buffer, if the Director makes the following determinations based on the application and the records of the Department of Community Development.
  - 1. The application is for a lot that:
    - a. Is less than three (3) acres in area;
    - b. Existed of record on January 30, 2002; and
    - c. Is improved by structures all of which existed on January 30, 2002.
  - 2. The proposed accessory structure is permissible without any other variance.
  - 3. The encroachment is the minimum necessary to accommodate the proposed accessory structure.
  - 4. The encroachment will not substantially impair the policy, purpose and standards stated in Sections **405.5021**, **405.5022** and **405.5025**, above.

## **Section 405.5028 Violations and Enforcement.** <sup>[1]</sup>

[Ord. No. 02-004 §1, 1-30-2002]

- A. The Director of the Division of Planning and Zoning shall enforce the provisions of the foregoing Sections of this Article as provided in Sections **405.640** through **405.655** of this Unified Development Ordinance.
- B. Anyone who knowingly makes any false statements in any application, record or plan required by this Article shall upon conviction be punished by a fine of not more than one thousand dollars (\$1,000.00) for each violation, imprisonment for not more than thirty (30) days, or both.

[1] *Editor's Note—For designation of the division of planning and zoning, see ord. no. 02-204 adopted 12-23-2002 set out in ch. 132 of this code and ord. no. 03-195 adopted 12-31-2003.*

# telephone log



gai consultants

Date: 8-10-16

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Project / Admin. No.: E160438.00

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Call From: Ali Trunzo

---

Company: GAI Consultants

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Phone No.: 412-399-5096

---

Call To: John Baron

---

Company: St. Charles County

---

Phone No.: 636-949-1817

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Subject: Spire STL Pipeline

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cc:

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

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Returned Mr. Baron's message regarding the pre-filing notice letter received. Mr. Baron wanted to discuss tentative permitting requirements for the Project. Based on the size of the project, a land disturbance permit will be required, including the engineering plans. If aboveground facilities are proposed, a building permit will also be required. Floodplain permit will be required as the project crosses floodplains. Since the Project largely entails temporary excavations, there are no concerns at this time. The Project may also need a natural watercourse permit, depending on the waterbodies crossed.

Permits are coordinated through the Development Review Department. Mr. Baron will provide a link to the online permit center. He believes the Project is avoiding the Ameren Gypsum landfill, which is the only land use concern identified.



Spire STL Pipeline LLC  
700 Market Street  
Saint Louis, MO 63101

August 5, 2016

Mr. Rich Gnecco  
Director Development Review St Charles County - Community Development Department  
201 N Second St  
St. Charles, MO 63301

Re: Spire STL Pipeline  
FERC Docket No. PF16-9

Dear Mr. Gnecco,

At Spire, formerly The Laclede Group, we never stop looking for better ways to provide energy now and for the future. That's why Spire STL Pipeline LLC, a wholly owned subsidiary of Spire Inc., is proposing to develop and construct a new interstate natural gas pipeline that will bring an efficient energy source to southwest Illinois and the St. Louis region. As a member of the community, we want you to be informed about our proposed project and we want you to hear from us first.

We are proposing to construct 60 miles of new build pipeline and upgrade nine miles of existing underground pipeline to further improve reliability and better serve homes and businesses across Illinois and Missouri. The planned route runs through Scott, Greene and Jersey counties in Illinois and St. Charles and St. Louis counties in Missouri.

You are receiving this letter because your property is located on or near our currently proposed route.

Spire STL Pipeline LLC has started the pre-filing application process for developing interstate natural gas pipelines by the Federal Energy Regulatory Commission ("FERC") pursuant to 18 C.F.R. § 157.21. FERC staff recently started a pre-filing environmental review process, which encourages early involvement by citizens, governmental entities and other interested parties. You can find more information about this pre-filing process at [www.ferc.gov](http://www.ferc.gov). You can see all the information about the Spire STL Pipeline using the docket number PF16-9.

Included with this letter, for your information, is a general overview map of the proposed pipeline route and a diagram illustrating the FERC process.

We believe that we can create a better project by hearing from you and listening to your feedback. That's why we are hosting open houses this month so you can learn more about the project and we can learn more about you.

At the open houses, more detailed maps will be available to show where the proposed pipeline may be located relative to your property. We want you to come, ask questions and provide feedback. Representatives of the Federal Energy Regulatory Commission (FERC) will also be there to answer questions about the FERC process for natural gas pipelines.

### Spire STL Pipeline open house schedule

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Check out more information on our website at [www.SpireSTLPipeline.com](http://www.SpireSTLPipeline.com). If you have any questions, please do not hesitate to contact us toll-free at 1 844-885-7234 or at [STLPipelineInfo@SpireEnergy.com](mailto:STLPipelineInfo@SpireEnergy.com).

We look forward to working with you.

Sincerely,

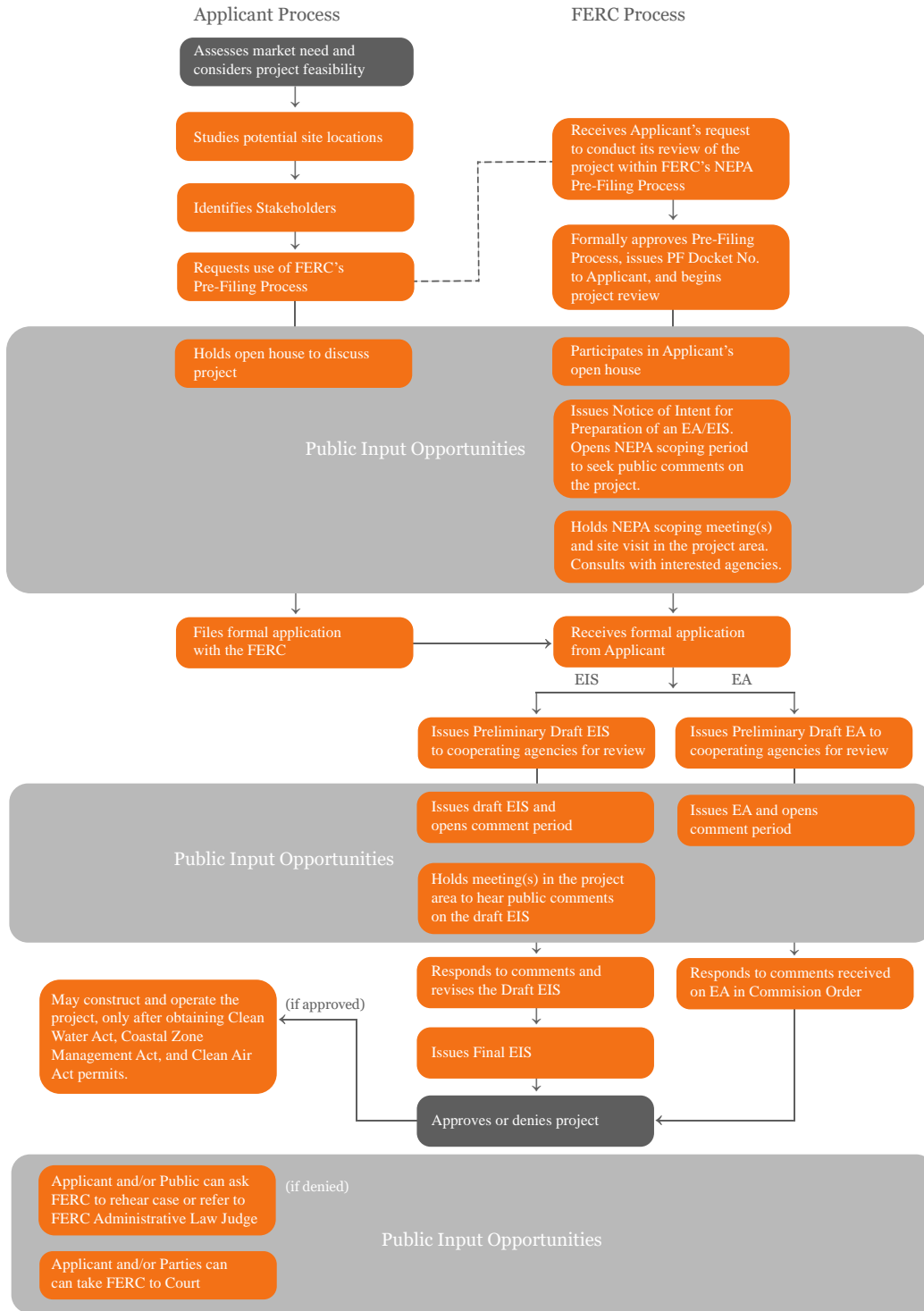


Scott Jaskowiak  
Vice President  
Spire STL Pipeline LLC

Project Map



# FERC Pre-Filing Process





Spire STL Pipeline LLC  
700 Market Street  
Saint Louis, MO 63101

August 5, 2016

Mr. Jason Farley  
Planning and Zoning Commissioner  
City of West Alton  
West Alton City Hall PO Box 42  
West Alton, MO 63386

Re: Spire STL Pipeline  
FERC Docket No. PF16-9

Dear Mr. Farley,

At Spire, formerly The Laclede Group, we never stop looking for better ways to provide energy now and for the future. That's why Spire STL Pipeline LLC, a wholly owned subsidiary of Spire Inc., is proposing to develop and construct a new interstate natural gas pipeline that will bring an efficient energy source to southwest Illinois and the St. Louis region. As a member of the community, we want you to be informed about our proposed project and we want you to hear from us first.

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We look forward to working with you.

Sincerely,



Scott Jaskowiak  
Vice President  
Spire STL Pipeline LLC





Spire STL Pipeline LLC  
700 Market Street  
Saint Louis, MO 63101

August 5, 2016

Mr. Kevin Machens  
President Consolidated North County Levee District  
135 Payne Road  
Portage Des Sioux, MO 63373

Re: Spire STL Pipeline  
FERC Docket No. PF16-9

Dear Mr. Machens,

At Spire, formerly The Laclede Group, we never stop looking for better ways to provide energy now and for the future. That's why Spire STL Pipeline LLC, a wholly owned subsidiary of Spire Inc., is proposing to develop and construct a new interstate natural gas pipeline that will bring an efficient energy source to southwest Illinois and the St. Louis region. As a member of the community, we want you to be informed about our proposed project and we want you to hear from us first.

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We look forward to working with you.

Sincerely,



Scott Jaskowiak  
Vice President  
Spire STL Pipeline LLC



Spire STL Pipeline LLC  
700 Market Street  
Saint Louis, MO 63101

August 5, 2016

Ms. Ellie Marr  
Board Liaison St Charles County - Floodplain Vision Board  
201 N Second St  
St. Charles, MO 63301

Re: Spire STL Pipeline  
FERC Docket No. PF16-9

Dear Ms. Marr,

At Spire, formerly The Laclede Group, we never stop looking for better ways to provide energy now and for the future. That's why Spire STL Pipeline LLC, a wholly owned subsidiary of Spire Inc., is proposing to develop and construct a new interstate natural gas pipeline that will bring an efficient energy source to southwest Illinois and the St. Louis region. As a member of the community, we want you to be informed about our proposed project and we want you to hear from us first.

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We look forward to working with you.

Sincerely,



Scott Jaskowiak  
Vice President  
Spire STL Pipeline LLC



Spire STL Pipeline LLC  
700 Market Street  
Saint Louis, MO 63101

August 5, 2016

Ms. Janet Neustadt  
Floodplain Administrator City of West Alton  
West Alton City Hall PO Box 42  
West Alton, MO 63386

Re: Spire STL Pipeline  
FERC Docket No. PF16-9

Dear Ms. Neustadt,

At Spire, formerly The Laclede Group, we never stop looking for better ways to provide energy now and for the future. That's why Spire STL Pipeline LLC, a wholly owned subsidiary of Spire Inc., is proposing to develop and construct a new interstate natural gas pipeline that will bring an efficient energy source to southwest Illinois and the St. Louis region. As a member of the community, we want you to be informed about our proposed project and we want you to hear from us first.

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We look forward to working with you.

Sincerely,



Scott Jaskowiak  
Vice President  
Spire STL Pipeline LLC



July 29, 2016

Mr. Kevin Machens  
President  
Consolidated North County Levee District  
135 Payne Road  
Portage Des Sioux, MO 63373

**Re: Notice of Use of Pre-Filing Process  
Spire STL Pipeline  
Scott, Greene, and Jersey Counties, IL  
St. Charles and St. Louis Counties, MO**

Dear Mr. Machens:

Spire STL Pipeline LLC ("Spire") is in the planning stages of the Spire STL Pipeline ("Project"). As proposed, the Project will serve the energy needs of residential, commercial and industrial customers in the eastern portion of Missouri, including the St. Louis metropolitan area and surrounding counties. The Project as proposed will consist of approximately 60 miles of new build 24-inch diameter steel pipeline (referred to as the "new build" portion of the Project) originating at an interconnection with 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 until crossing the Missouri river and tying into an existing 20-inch diameter steel transmission pipeline in St. Louis County, Missouri that is currently owned and operated by Laclede Gas Company ("LGC") (referred to as "Line 880"). Spire plans to purchase Line 880 from LGC and modify approximately nine miles of existing 20-inch diameter steel natural gas pipeline located in St. Louis County, Missouri that will connect the new build part of the Project to the Enable Mississippi River Transmission, LLC ("MRT") pipeline along the western bank of the Mississippi river in St. Louis County, Missouri. The total length of the entire Project will be approximately 70 miles.

Construction and operation of the proposed Project will be regulated by the Federal Energy Regulatory Commission ("Commission") among other regulatory agencies. Spire intends to utilize the Commission's pre-filing process detailed in Section 157.21 of the Commission's regulations, which allows the Commission and other agencies to initiate National Environmental Policy Act ("NEPA") review prior to Spire filing an application to the Commission. The Commission would need to issue Spire a Certificate of Public Convenience and Necessity to enable construction and operation of the proposed pipeline. The preliminary Project schedule includes the following target dates:

- July 22, 2016 - Commission acceptance into pre-filing; commencement of the NEPA process (pre-filing docket no. PF16-9-000);
- August 2016 (Anticipated) - biological and cultural resource surveys;
- January 2017 (Anticipated) - file final application with Commission;
- August 2017 (Anticipated) - NEPA document published;
- November 2017 (Anticipated) - Commission decision on application; and
- February 2018 (Anticipated) - commence construction activities.

On behalf of Spire, GAI would like to take this opportunity to invite the Consolidated North County Levee District to participate in the review of this Project as a cooperating agency during the Commission's pre-filing process. We look forward to your involvement in the review of this important Project and appreciate your cooperation.

**Please note the intent of this letter is solely for the purpose of inviting you to participate in the Commission's NEPA pre-filing process. The Commission will also reach out to you requesting your agency to be a cooperating agency. Specific and necessary consultations and/or applicable permit applications will be addressed to you under separate cover.**

If you have any questions or would like additional information, please feel free to contact me at 331.301.2002 or by e-mail at L.Ferry@gaiconsultants.com.

Sincerely,

**GAI Consultants, Inc.**

A handwritten signature in black ink that reads "Lori M. Ferry". The signature is written in a cursive, flowing style.

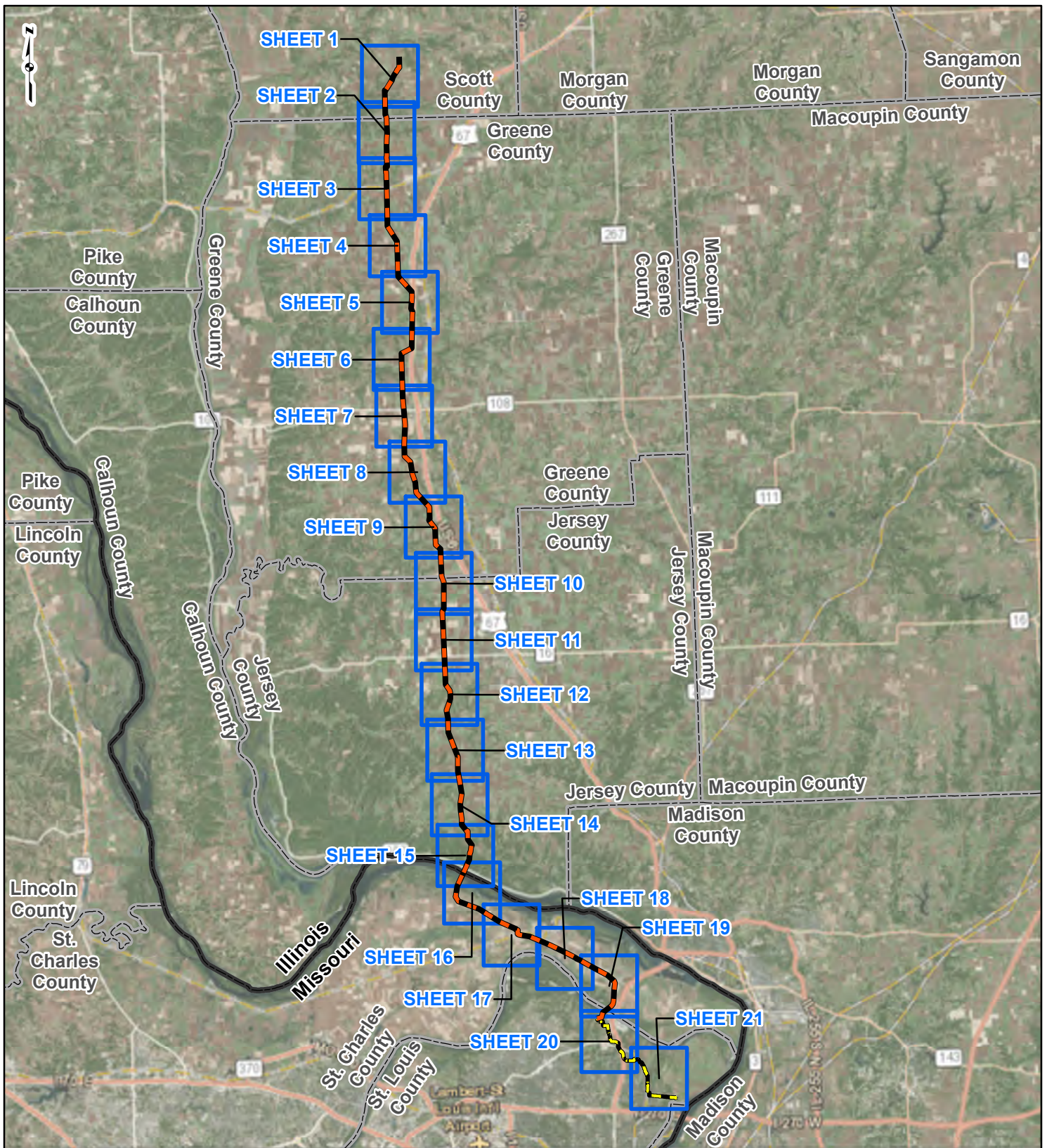
Lori M. Ferry  
Environmental Project Manager

LMF/gmg

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



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



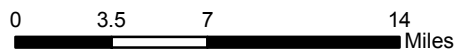
**PROJECT LOCATION**



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

**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- COUNTY BOUNDARY
- STATE BOUNDARY
- SHEET INDEX

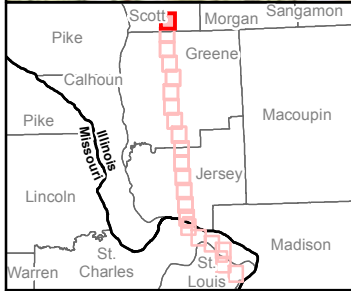
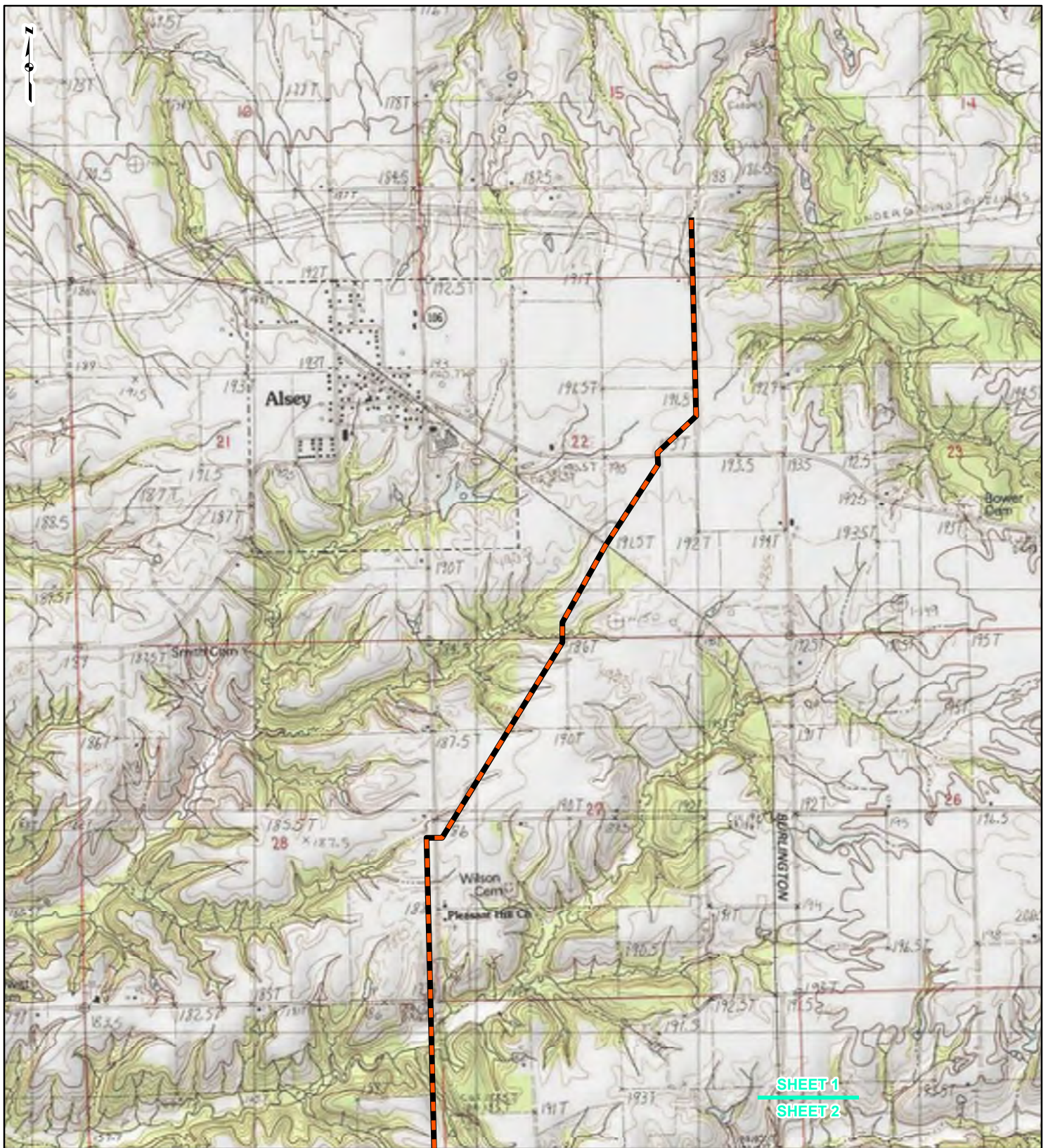


**FIGURE 1  
LOCATION MAP  
SHEET INDEX**



DRAWN BY: PMH      DATE: 7/28/2016  
CHECKED: SWW      APPROVED: LMF

REFERENCE: ESRI WORLD IMAGERY AND TRANSPORTATION, NAIP, USDA FSA, 2015, ACCESSED 07/2016.



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

0      1,000      2,000      4,000  
Feet

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

Spire STL Pipeline

DRAWN BY: PMH      DATE: 7/28/2016  
 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 07/20/16.

SHEET 1  
SHEET 2



SHEET 2  
SHEET 3



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

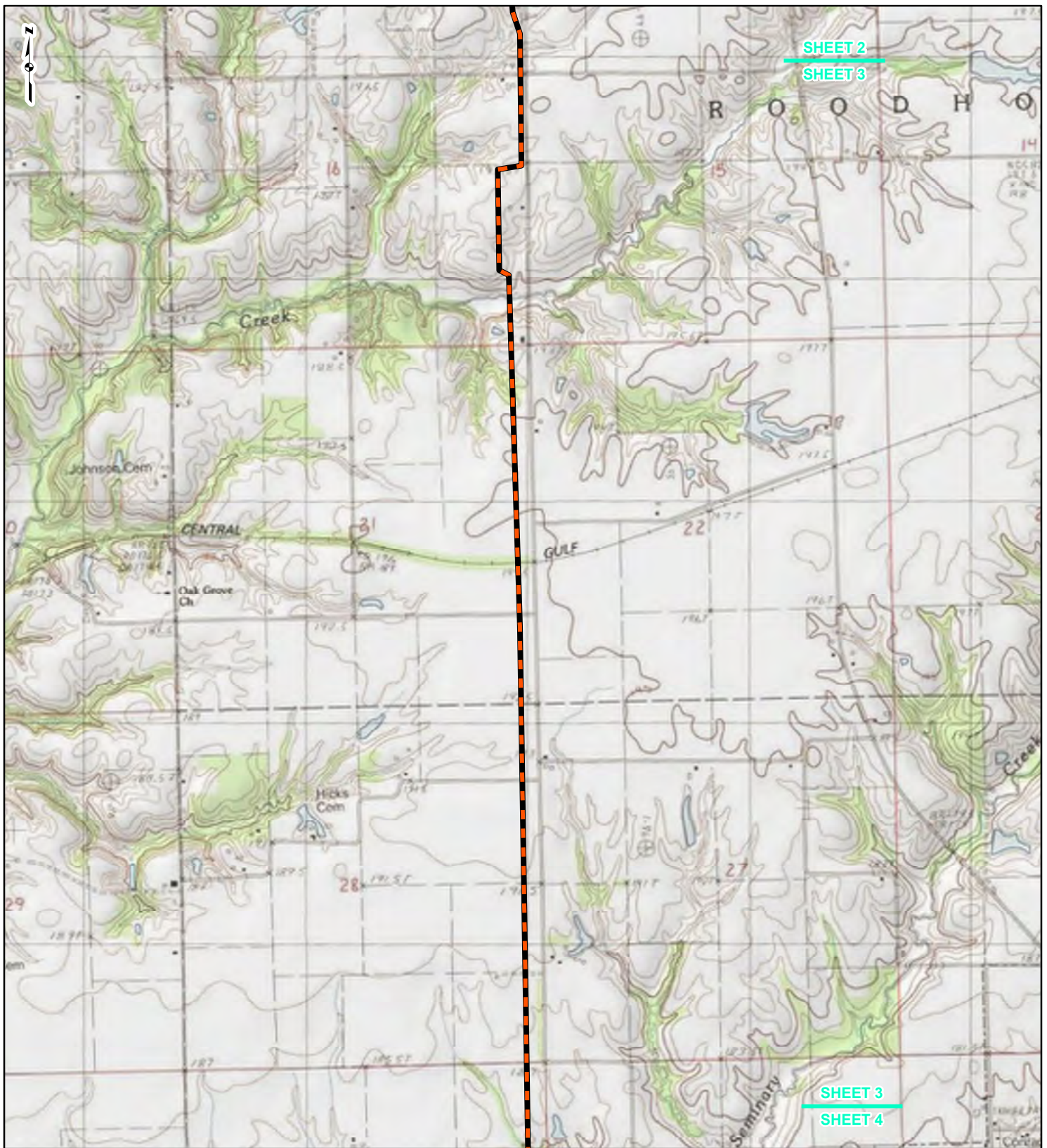
0      1,000      2,000      4,000  
Feet

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



DRAWN BY: PMH      DATE: 7/28/2016  
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 07/2016.

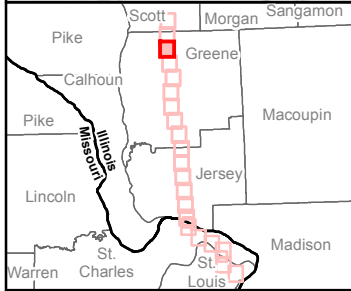


SHEET 2





SHEET 3

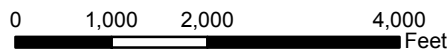
SHEET 3

SHEET 4



**LEGEND**

-  NEW BUILD 24-INCH DIAMETER PIPELINE
-  LINE 880 MODIFICATIONS
-  STATE BOUNDARY
-  COUNTY BOUNDARY

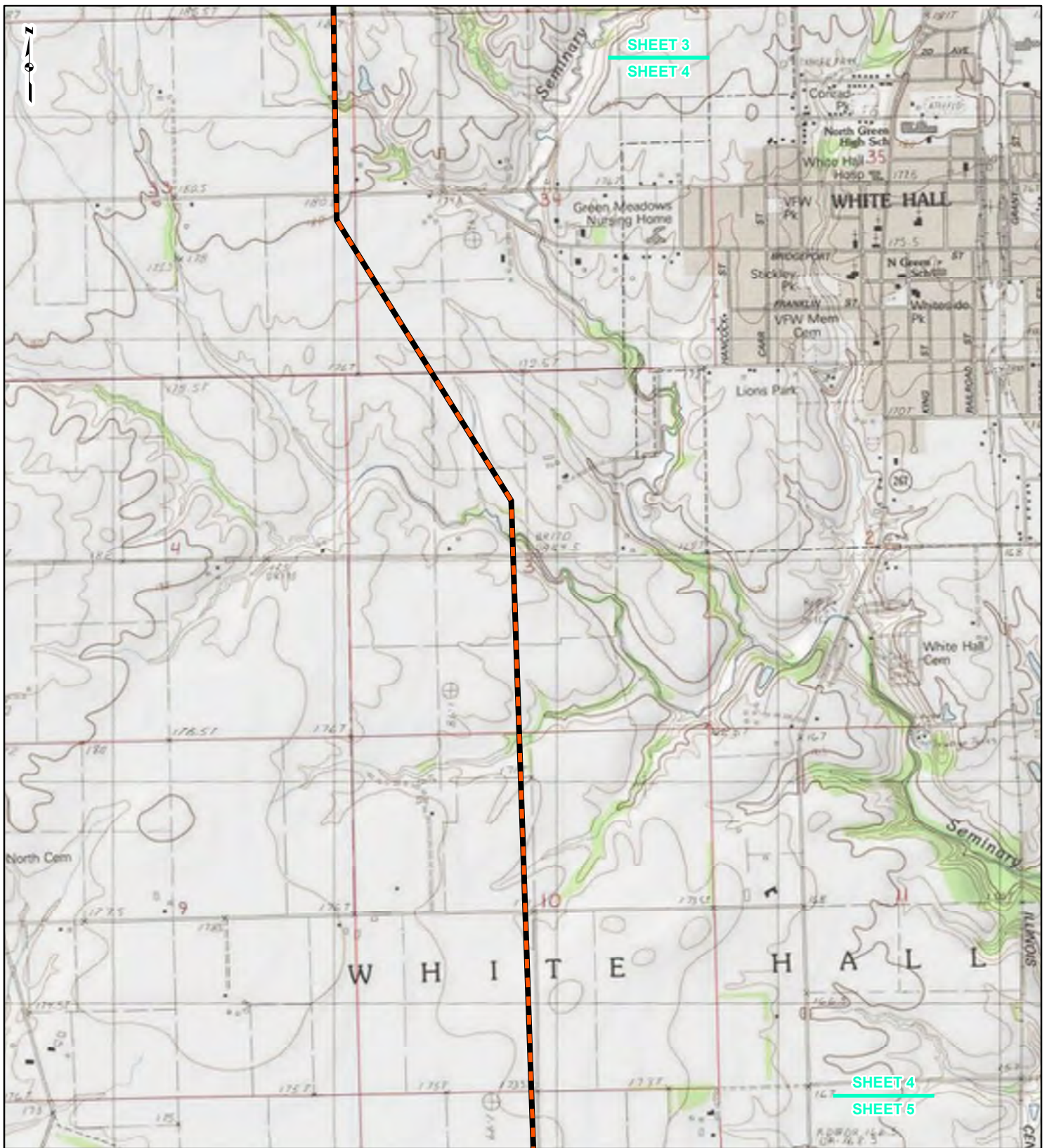


**FIGURE 1**  
LOCATION MAP  
SHEET 3 OF 21



DRAWN BY: PMH      DATE: 7/28/2016  
 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 07/2016.



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

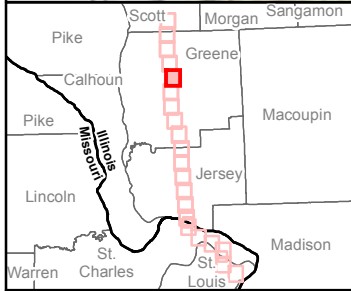
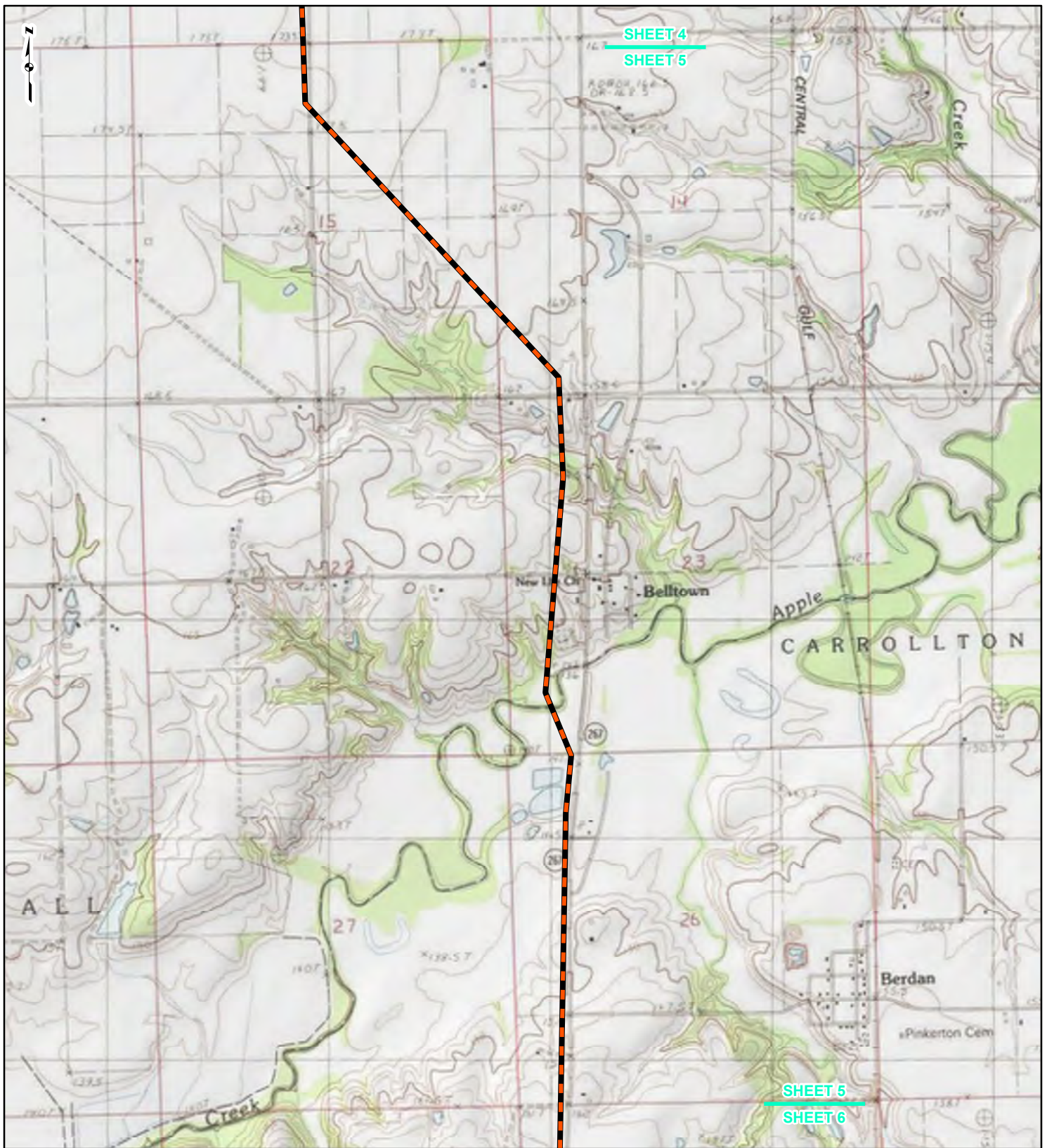
0    1,000    2,000    4,000  
Feet

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



DRAWN BY: PMH      DATE: 7/28/2016  
 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 07/2016.



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

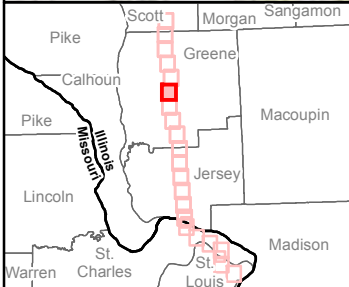
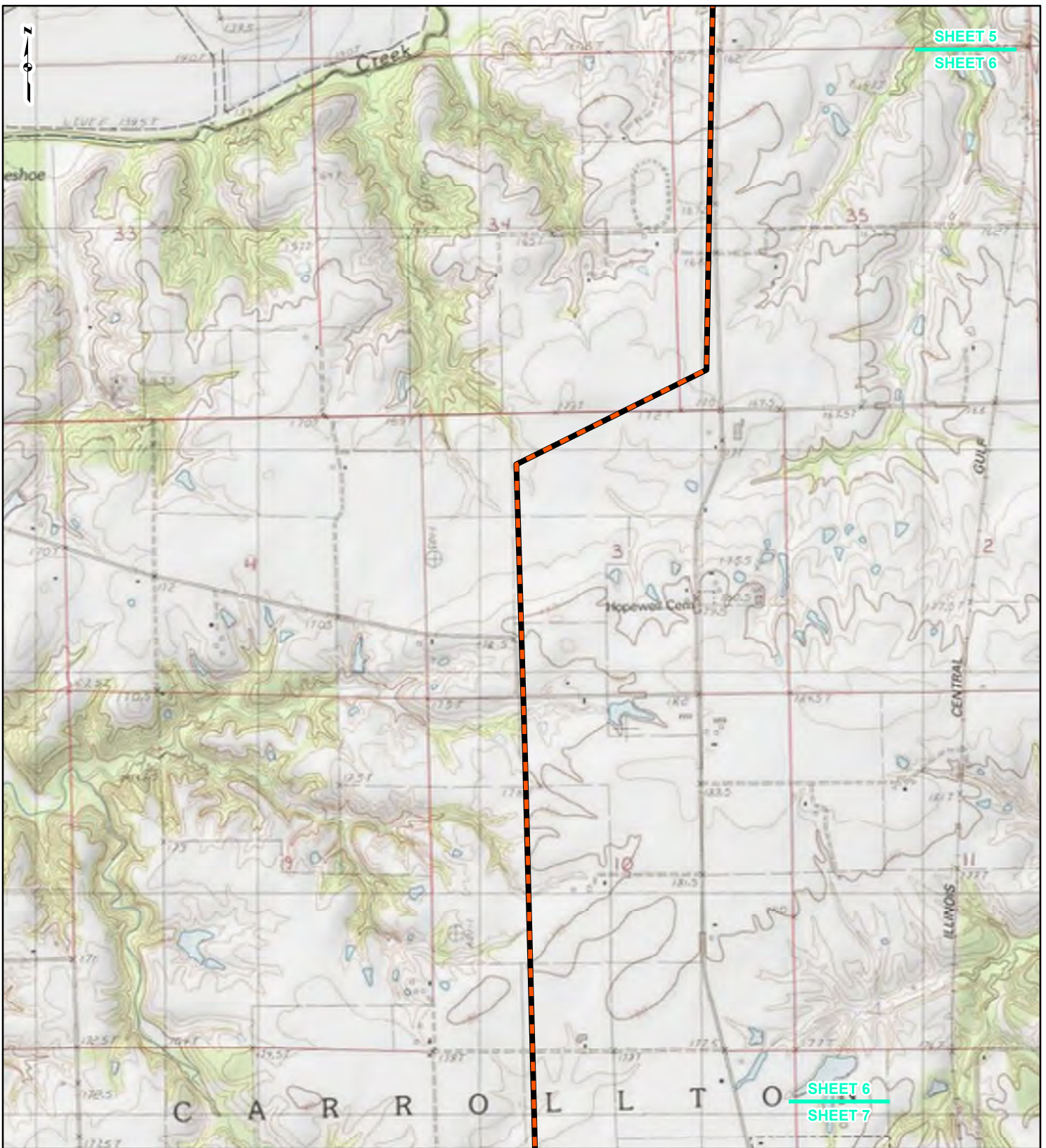
0      1,000      2,000      4,000  
Feet

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







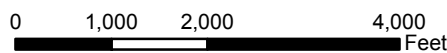
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REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLORISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 07/2016.



**LEGEND**

-  NEW BUILD 24-INCH DIAMETER PIPELINE
-  LINE 880 MODIFICATIONS
-  STATE BOUNDARY
-  COUNTY BOUNDARY



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



**Spire STL**  
**Pipeline**

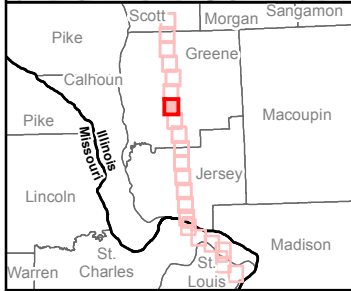
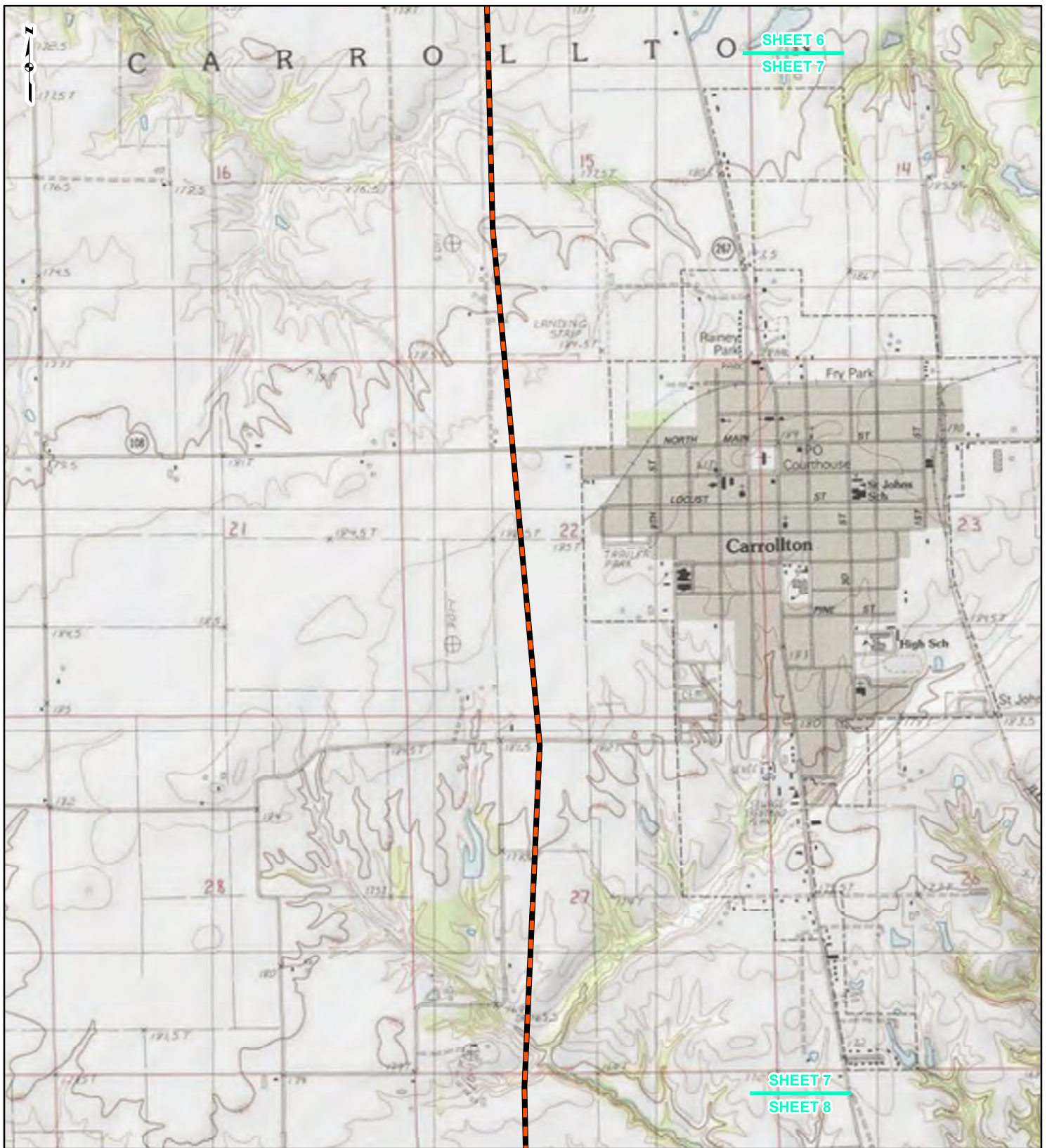


DRAWN BY: PMH  
CHECKED: SWW

DATE: 7/28/2016  
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 07/2016.





**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

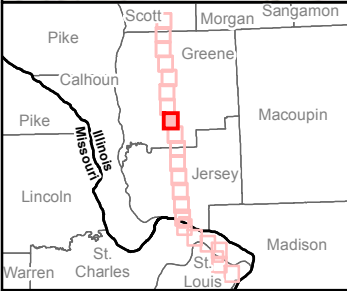
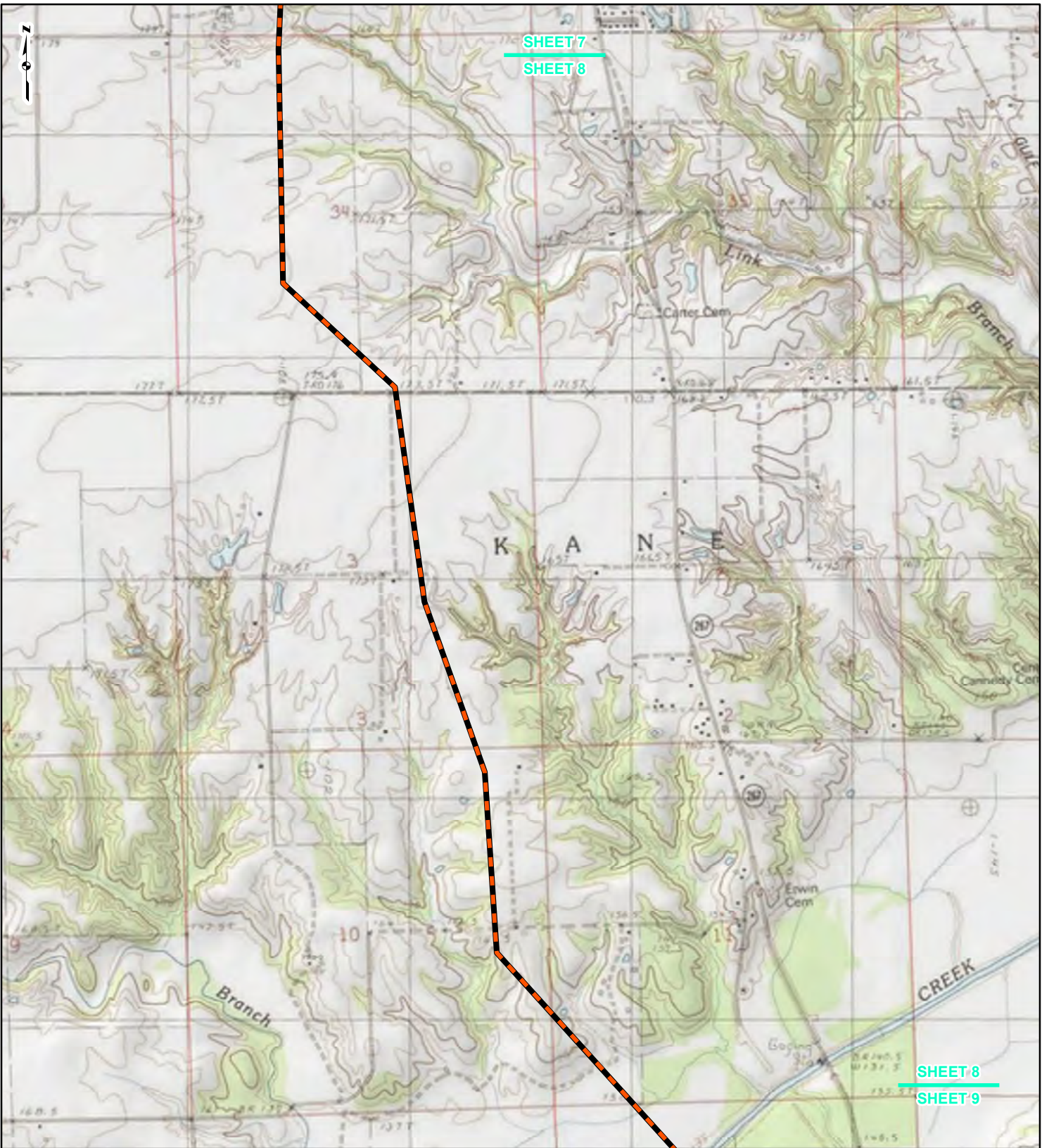
0      1,000      2,000      4,000  
Feet

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

**Spire STL Pipeline**

DRAWN BY: PMH      DATE: 7/28/2016  
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 07/20/16.



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

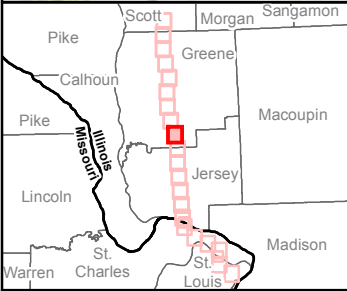
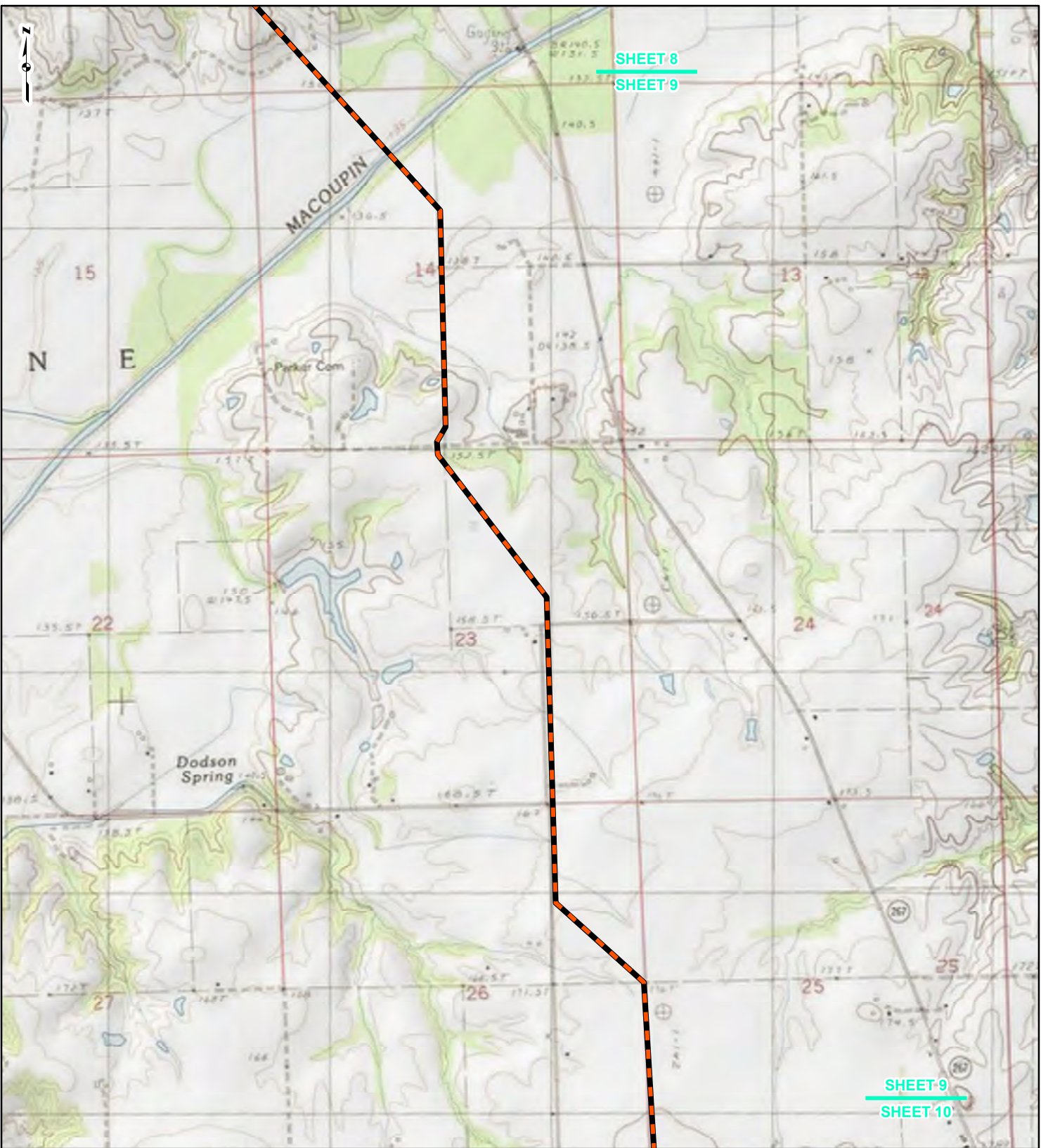
0      1,000      2,000      4,000  
Feet

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



DRAWN BY: PMH      DATE: 7/28/2016  
 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 07/2016.



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

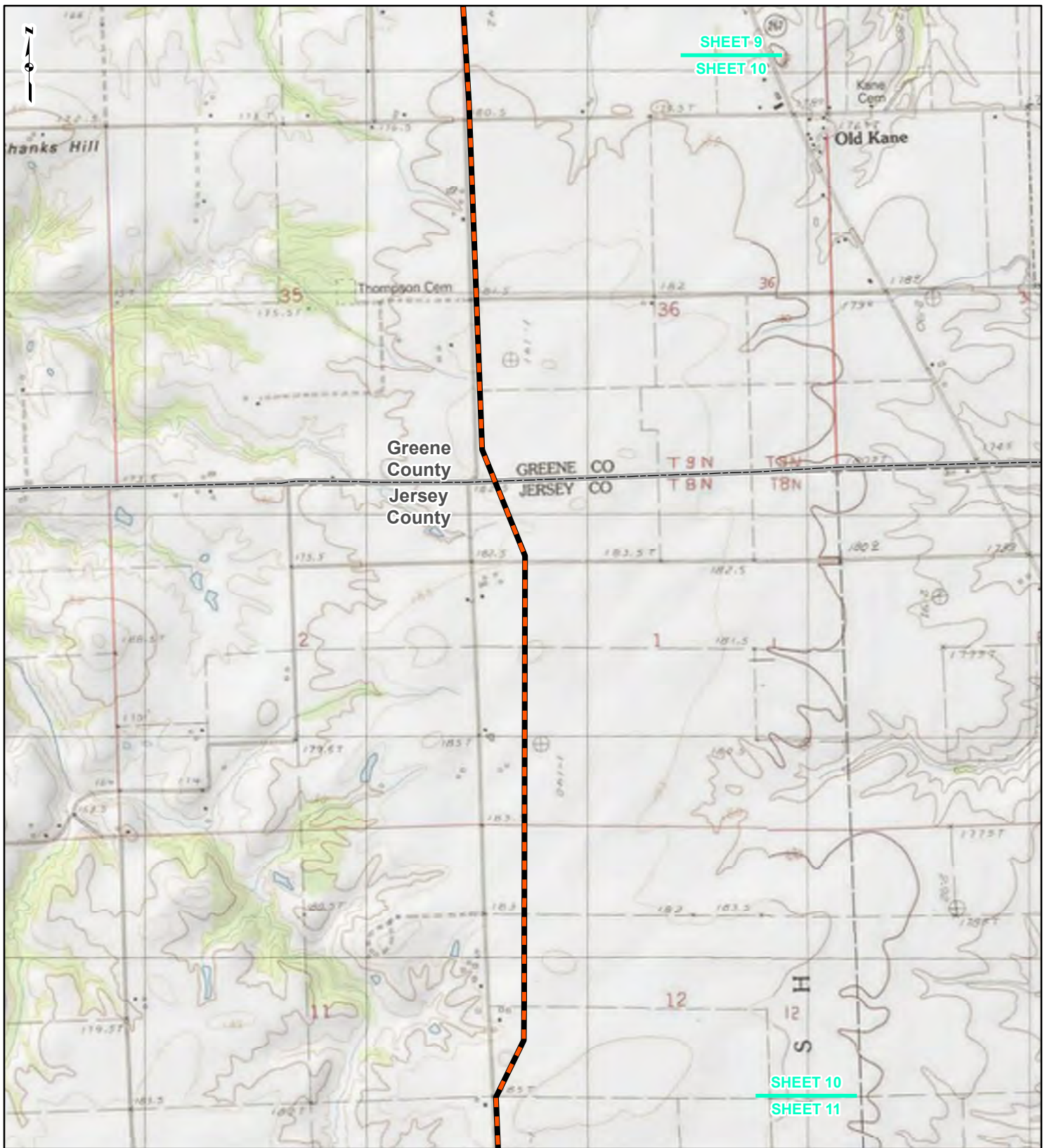
0      1,000      2,000      4,000  
Feet

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

**Spire STL Pipeline**

DRAWN BY: PMH      DATE: 7/28/2016  
 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 07/2016.



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

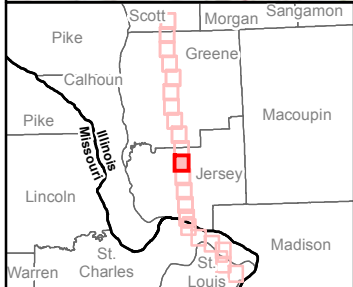
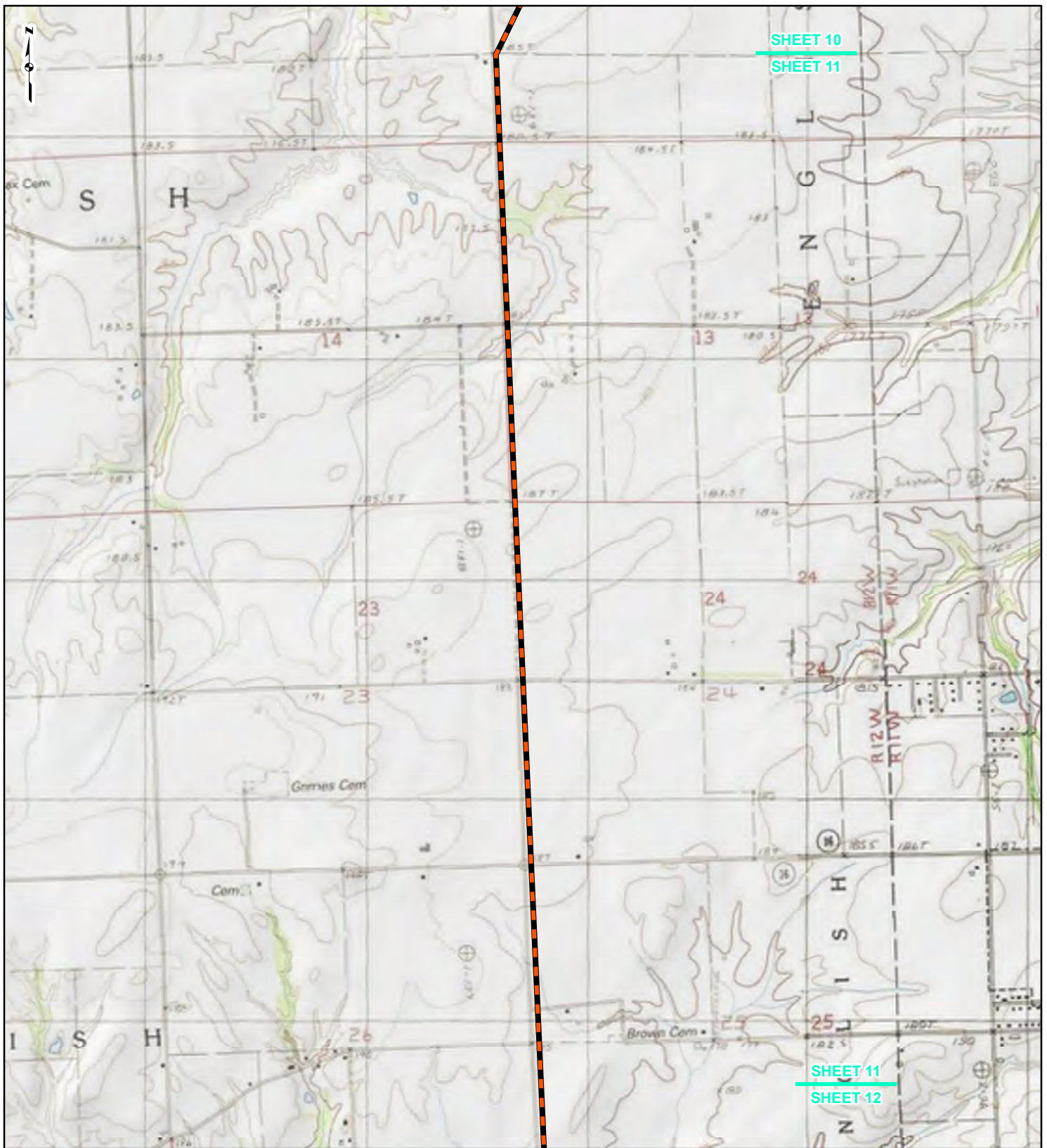
0      1,000      2,000      4,000  
Feet

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

**Spire STL Pipeline**

DRAWN BY: PMH      DATE: 7/28/2016  
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 07/2016.



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

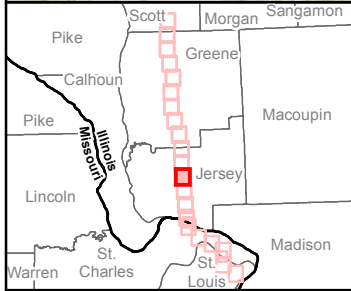
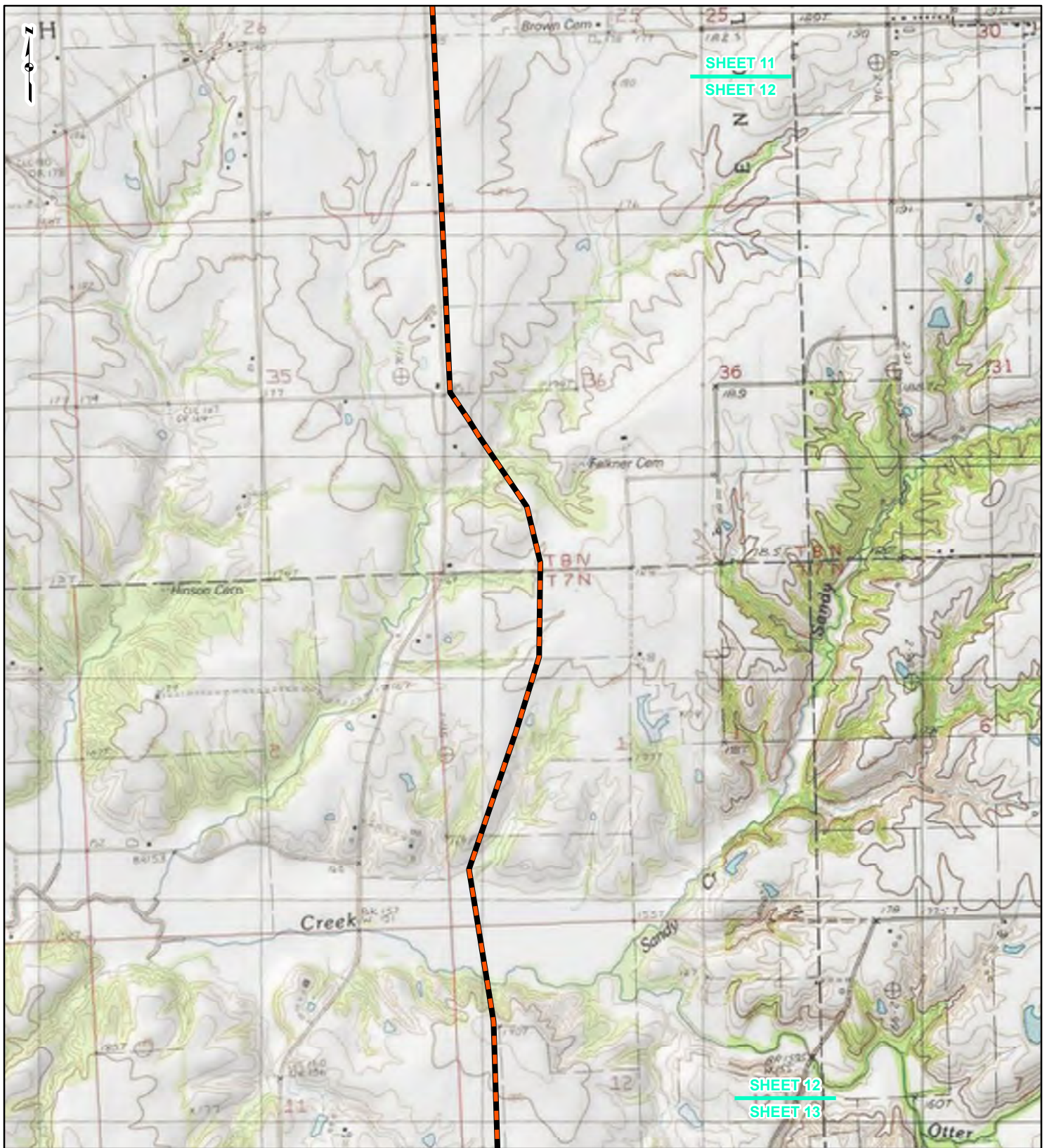
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Feet

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



DRAWN BY: PMH      DATE: 7/28/2016  
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 07/20/16.



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

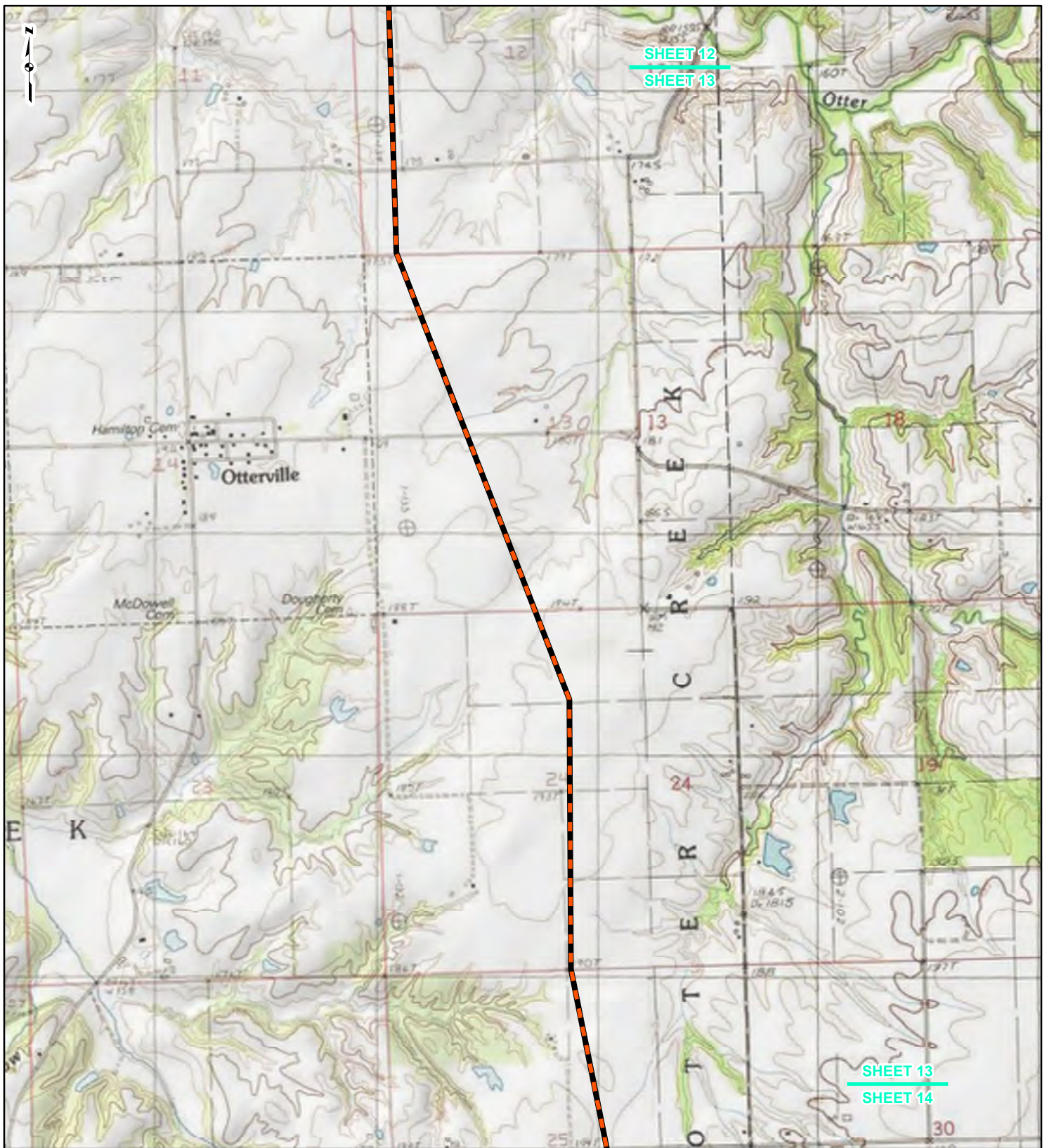
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Feet

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

**Spire STL Pipeline**

DRAWN BY: PMH      DATE: 7/28/2016  
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 07/2016.



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

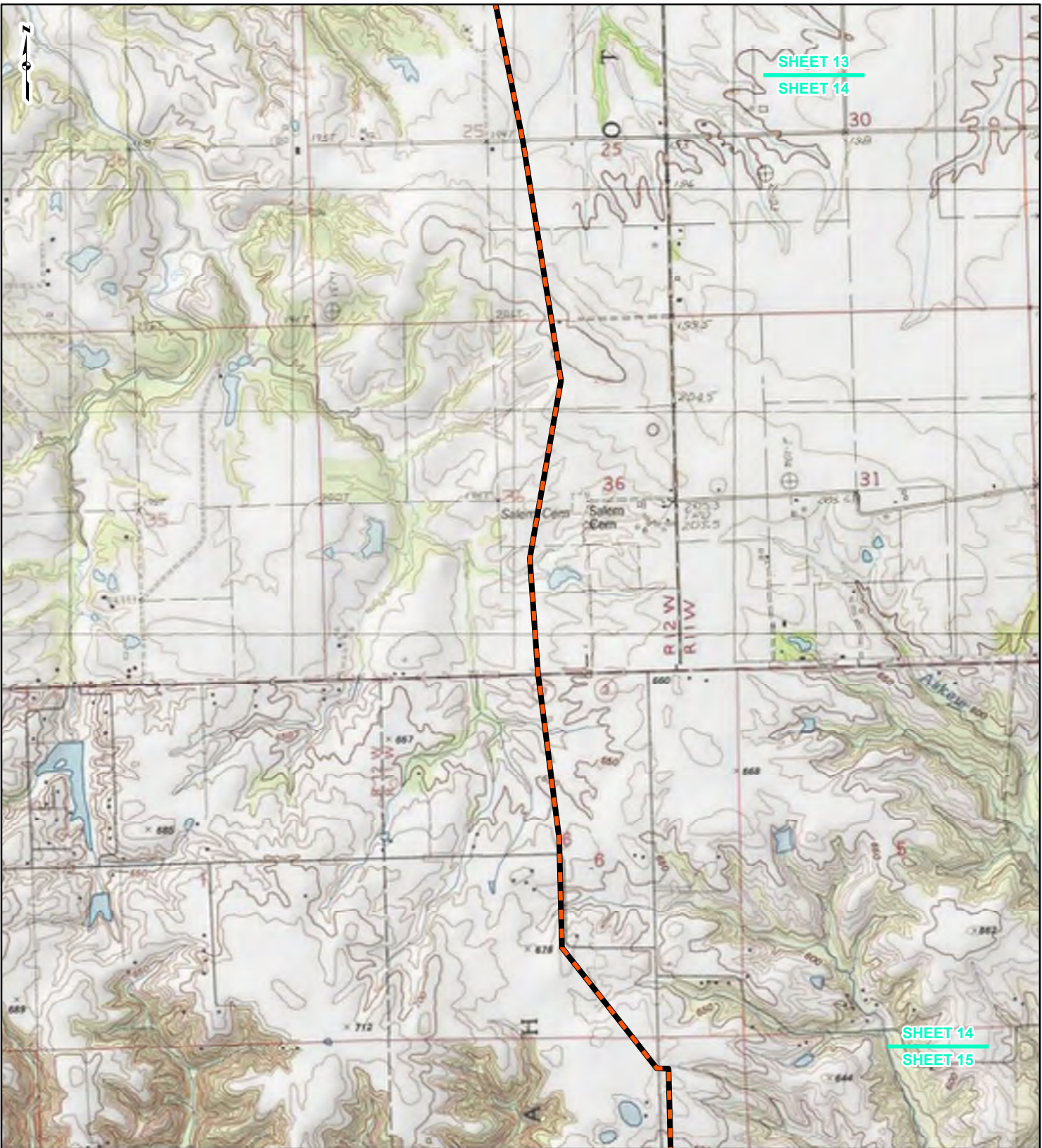
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Feet

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



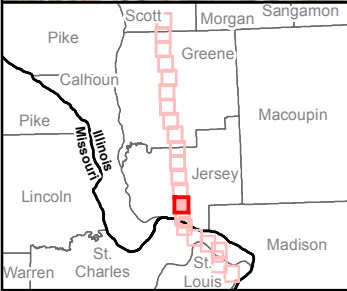
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REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: ALSEY (1983), ALTON (1994), BOYER CREEK (1983), CARROLLTON (1983), COLUMBIA BOTTOM (1999), ELSAH (1995), FLOISSANT (1999), GRAFTON (1995), JERSEYVILLE NORTH (1983), JERSEYVILLE SOUTH (1983), OTTERVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 07/20/16.



SHEET 13  
SHEET 14

SHEET 14  
SHEET 15



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

0      1,000      2,000      4,000  
Feet

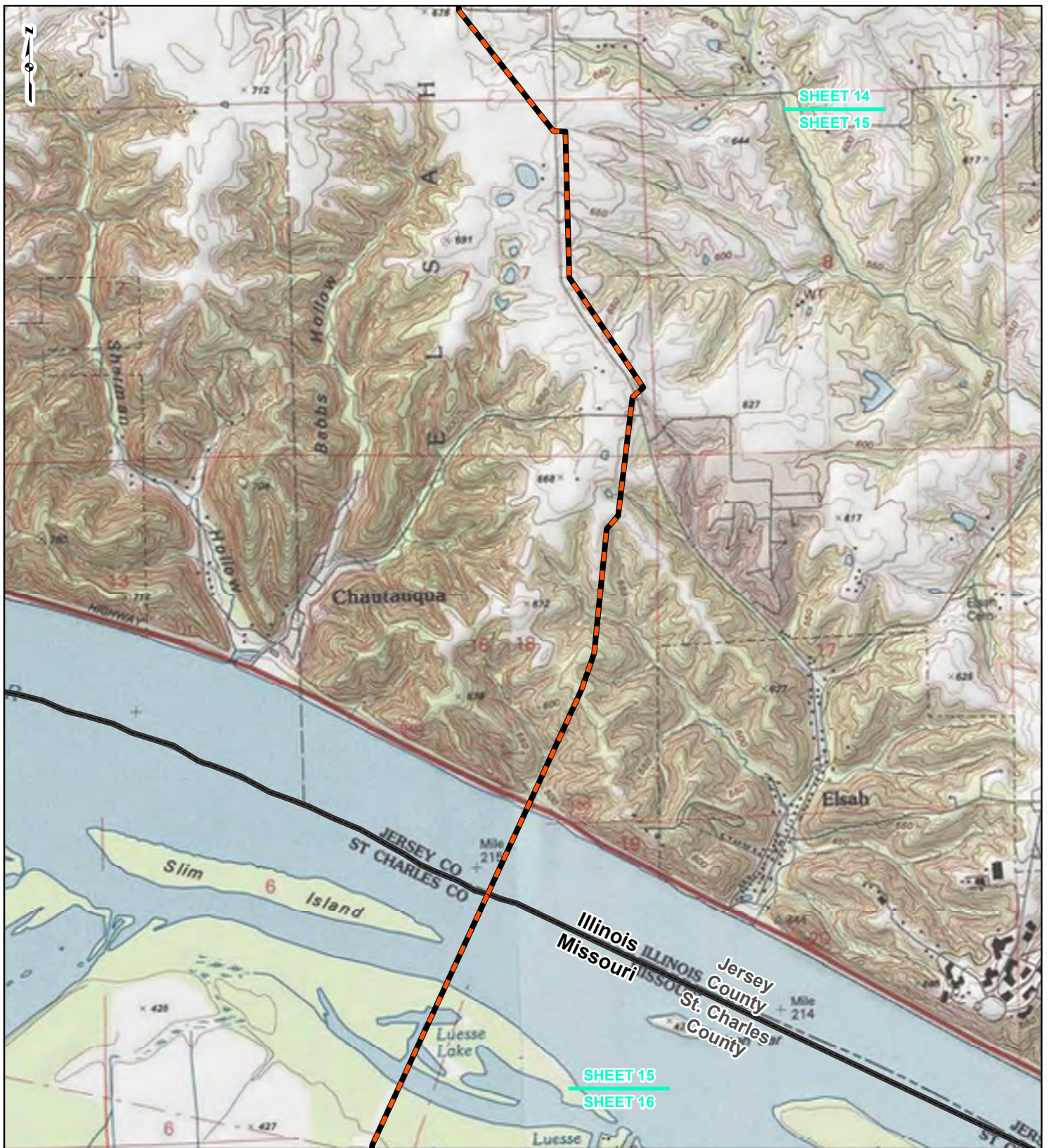
**FIGURE 1**  
**LOCATION MAP**  
**SHEET 14 OF 21**



DRAWN BY: PMH      DATE: 7/28/2016  
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 07/2016.





**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

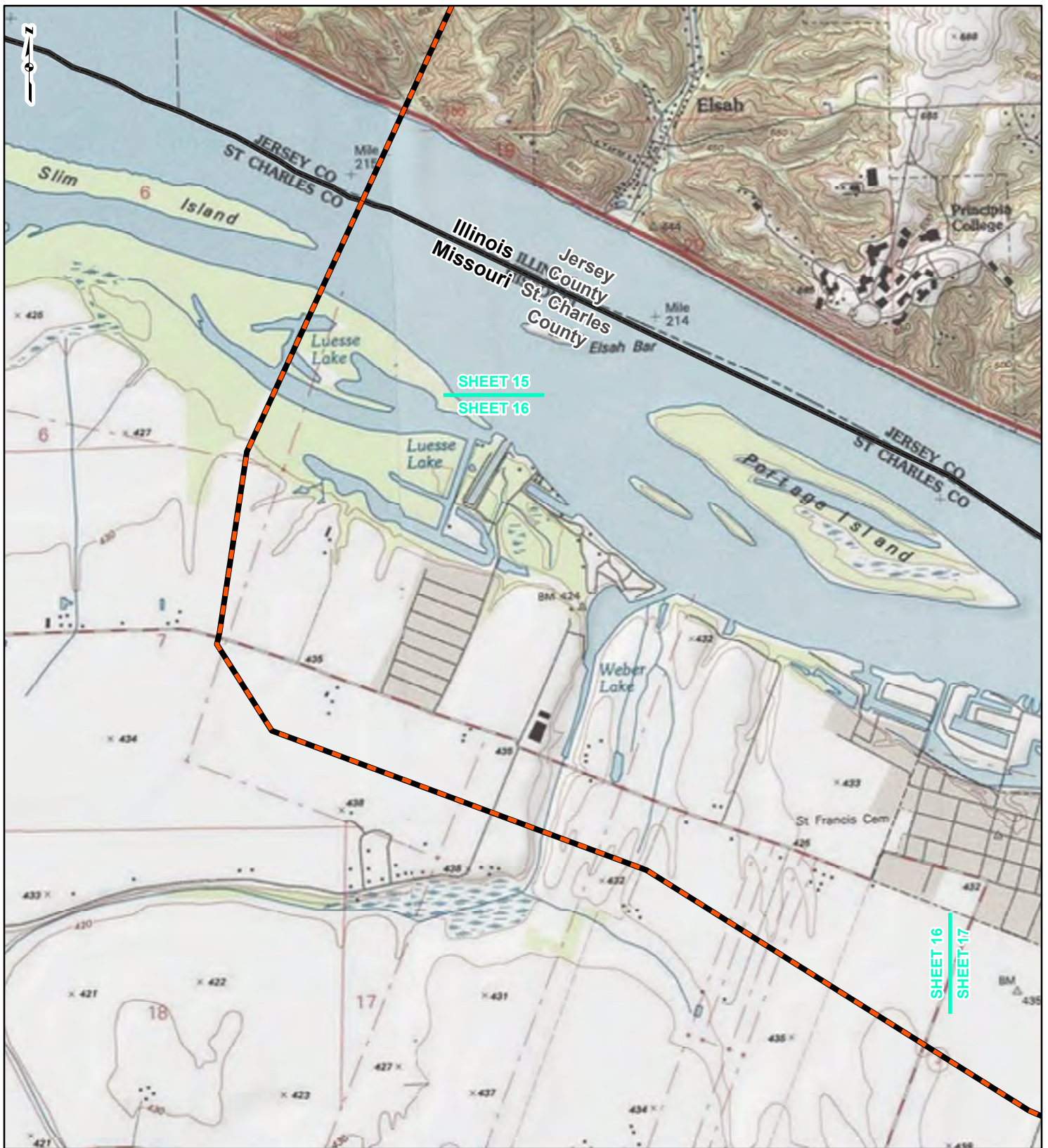
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Feet

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



DRAWN BY: PMH      DATE: 7/28/2016  
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 07/2016.



SHEET 15  
SHEET 16

SHEET 16  
SHEET 17



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

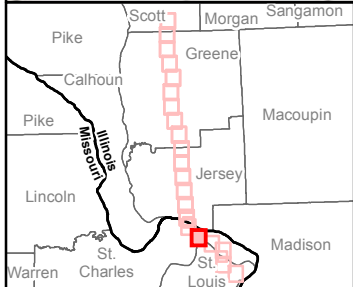
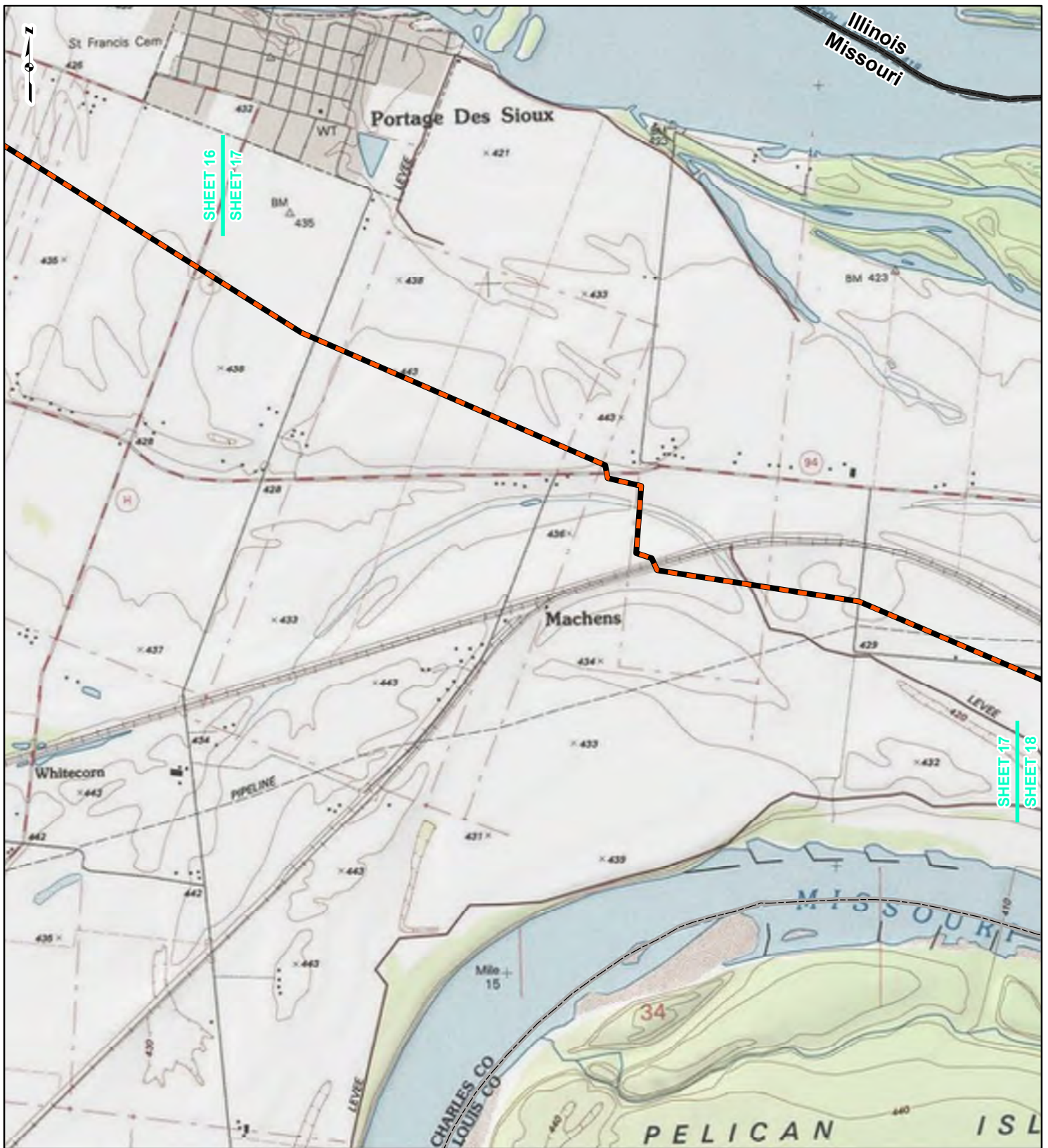
0      1,000      2,000      4,000  
Feet

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

**Spire STL Pipeline**

DRAWN BY: PMH      DATE: 7/28/2016  
 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 07/2016.



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

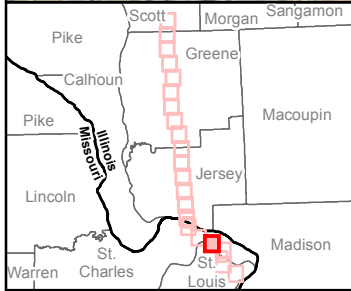
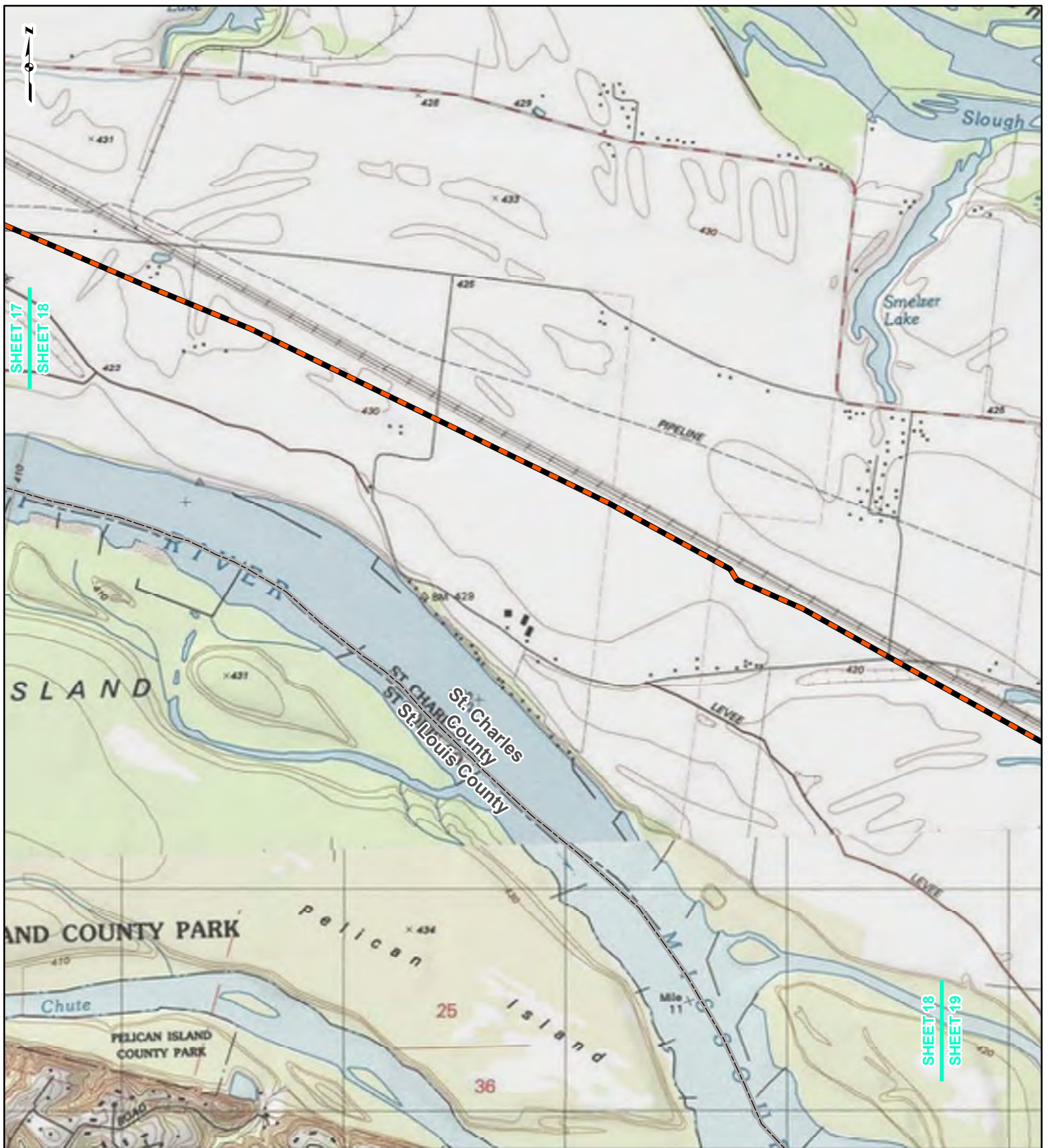
0      1,000      2,000      4,000  
Feet

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

**Spire STL Pipeline**

DRAWN BY: PMH      DATE: 7/28/2016  
 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 07/2016.



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

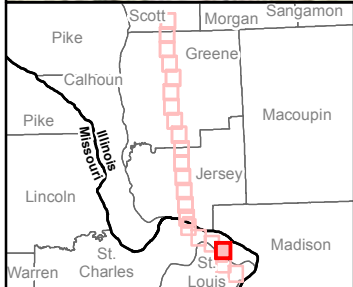
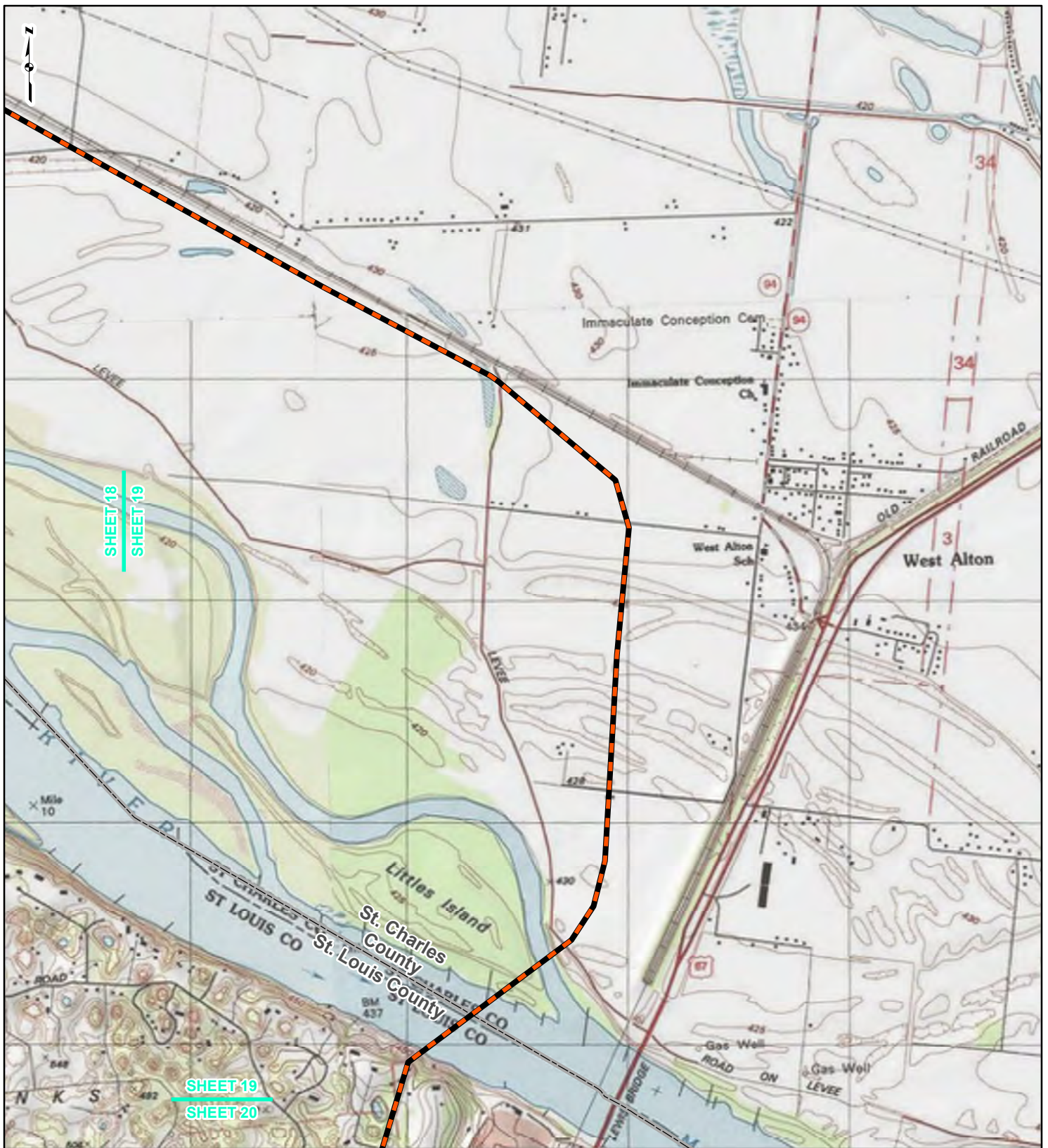
0      1,000      2,000      4,000  
Feet

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

**Spire STL Pipeline**

DRAWN BY: PMH      DATE: 7/28/2016  
 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 07/2016.



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

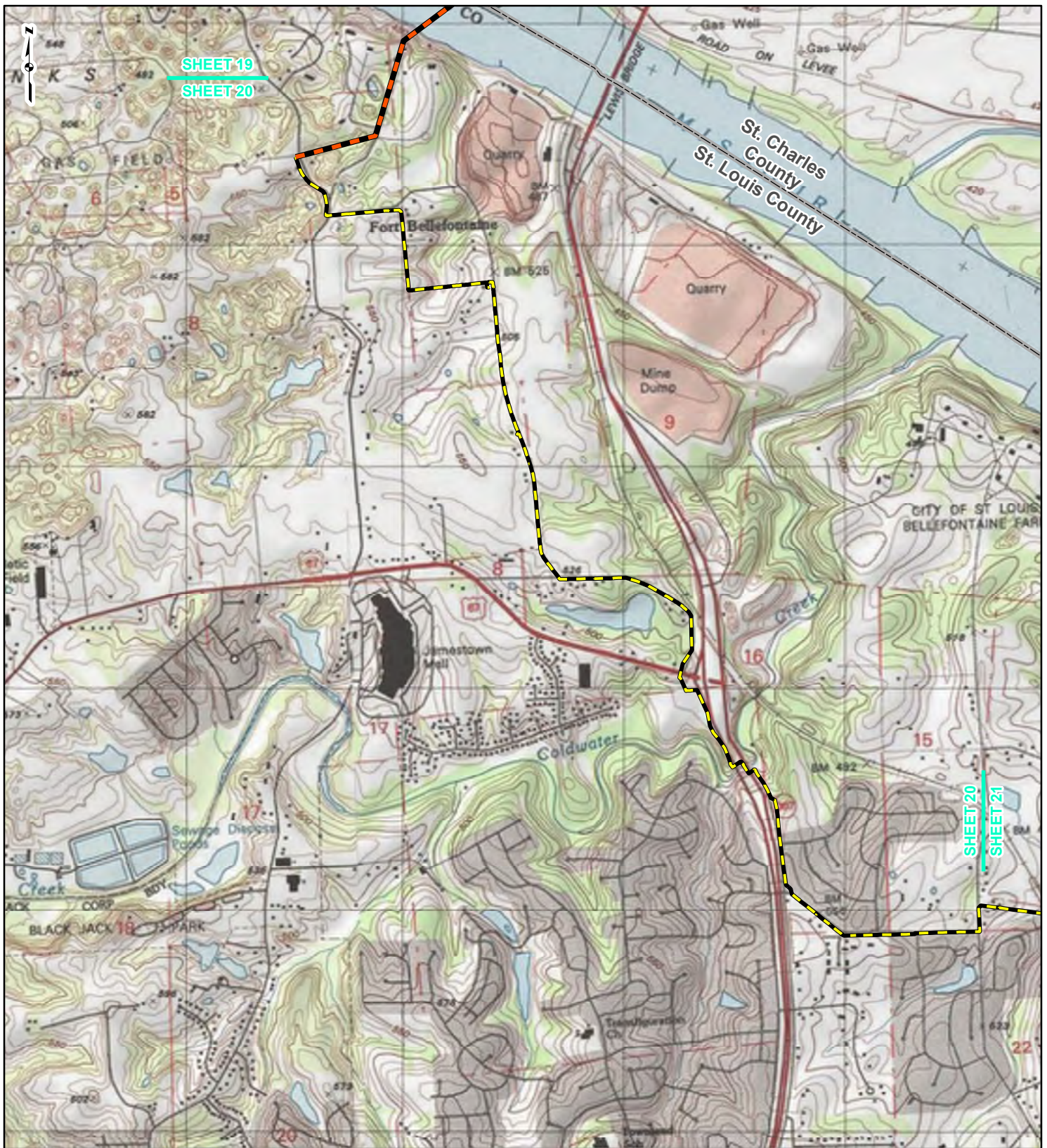
0      1,000      2,000      4,000  
Feet

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



DRAWN BY: PMH      DATE: 7/28/2016  
 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 07/2016.



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

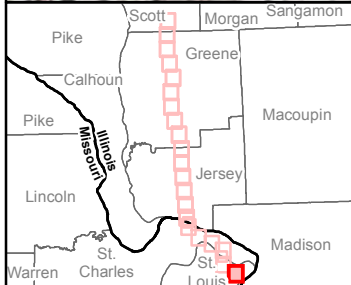
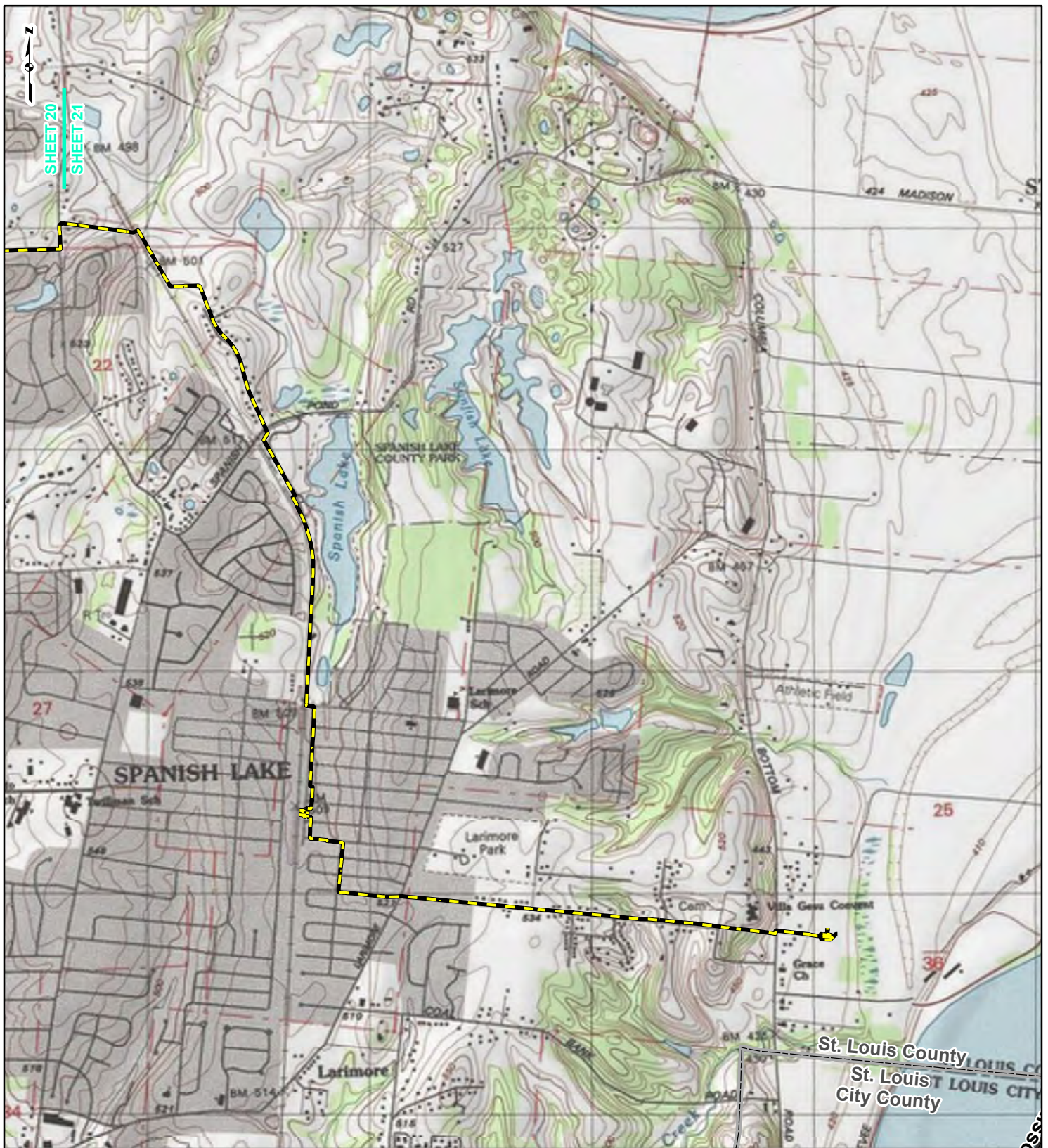
0      1,000      2,000      4,000  
Feet

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



DRAWN BY: PMH      DATE: 7/28/2016  
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 07/2016.



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

0      1,000      2,000      4,000  
Feet

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



DRAWN BY: PMH      DATE: 7/28/2016  
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 07/2016.



July 29, 2016

Mr. Rich Gnecco  
Director Development Review  
St. Charles County - Community Development Department  
201 North Second Street  
St. Charles, MO 63301

**Re: Notice of Use of Pre-Filing Process  
Spire STL Pipeline  
Scott, Greene, and Jersey Counties, IL  
St. Charles and St. Louis Counties, MO**

Dear Mr. Gnecco:

Spire STL Pipeline LLC ("Spire") is in the planning stages of the Spire STL Pipeline ("Project"). As proposed, the Project will serve the energy needs of residential, commercial and industrial customers in the eastern portion of Missouri, including the St. Louis metropolitan area and surrounding counties. The Project as proposed will consist of approximately 60 miles of new build 24-inch diameter steel pipeline (referred to as the "new build" portion of the Project) originating at an interconnection with 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 until crossing the Missouri river and tying into an existing 20-inch diameter steel transmission pipeline in St. Louis County, Missouri that is currently owned and operated by Laclede Gas Company ("LGC") (referred to as "Line 880"). Spire plans to purchase Line 880 from LGC and modify approximately nine miles of existing 20-inch diameter steel natural gas pipeline located in St. Louis County, Missouri that will connect the new build part of the Project to the Enable Mississippi River Transmission, LLC ("MRT") pipeline along the western bank of the Mississippi river in St. Louis County, Missouri. The total length of the entire Project will be approximately 70 miles.

Construction and operation of the proposed Project will be regulated by the Federal Energy Regulatory Commission ("Commission") among other regulatory agencies. Spire intends to utilize the Commission's pre-filing process detailed in Section 157.21 of the Commission's regulations, which allows the Commission and other agencies to initiate National Environmental Policy Act ("NEPA") review prior to Spire filing an application to the Commission. The Commission would need to issue Spire a Certificate of Public Convenience and Necessity to enable construction and operation of the proposed pipeline. The preliminary Project schedule includes the following target dates:

- July 22, 2016 - Commission acceptance into pre-filing; commencement of the NEPA process (pre-filing docket no. PF16-9-000);
- August 2016 (Anticipated) - biological and cultural resource surveys;
- January 2017 (Anticipated) - file final application with Commission;
- August 2017 (Anticipated) - NEPA document published;
- November 2017 (Anticipated) - Commission decision on application; and
- February 2018 (Anticipated) - commence construction activities.



On behalf of Spire, GAI would like to take this opportunity to invite the St Charles County - Community Development Department to participate in the review of this Project as a cooperating agency during the Commission's pre-filing process. We look forward to your involvement in the review of this important Project and appreciate your cooperation.

**Please note the intent of this letter is solely for the purpose of inviting you to participate in the Commission's NEPA pre-filing process. Specific and necessary consultations and/or applicable permit applications will be addressed to you under separate cover.**

If you have any questions or would like additional information, please feel free to contact me at 331.301.2002 or by e-mail at L.Ferry@gaiconsultants.com.

Sincerely,

**GAI Consultants, Inc.**

A handwritten signature in black ink that reads "Lori M. Ferry". The signature is written in a cursive, flowing style.

Lori M. Ferry  
Environmental Project Manager

LMF/gmg

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



July 29, 2016

Ms. Ellie Marr  
Board Liaison  
St. Charles County - Floodplain Vision Board  
201 North Second Street  
St. Charles, MO 63301

**Re: Notice of Use of Pre-Filing Process  
Spire STL Pipeline  
Scott, Greene, and Jersey Counties, IL  
St. Charles and St. Louis Counties, MO**

Dear Ms. Marr:

Spire STL Pipeline LLC ("Spire") is in the planning stages of the Spire STL Pipeline ("Project"). As proposed, the Project will serve the energy needs of residential, commercial and industrial customers in the eastern portion of Missouri, including the St. Louis metropolitan area and surrounding counties. The Project as proposed will consist of approximately 60 miles of new build 24-inch diameter steel pipeline (referred to as the "new build" portion of the Project) originating at an interconnection with 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 until crossing the Missouri river and tying into an existing 20-inch diameter steel transmission pipeline in St. Louis County, Missouri that is currently owned and operated by Laclede Gas Company ("LGC") (referred to as "Line 880"). Spire plans to purchase Line 880 from LGC and modify approximately nine miles of existing 20-inch diameter steel natural gas pipeline located in St. Louis County, Missouri that will connect the new build part of the Project to the Enable Mississippi River Transmission, LLC ("MRT") pipeline along the western bank of the Mississippi river in St. Louis County, Missouri. The total length of the entire Project will be approximately 70 miles.

Construction and operation of the proposed Project will be regulated by the Federal Energy Regulatory Commission ("Commission") among other regulatory agencies. Spire intends to utilize the Commission's pre-filing process detailed in Section 157.21 of the Commission's regulations, which allows the Commission and other agencies to initiate National Environmental Policy Act ("NEPA") review prior to Spire filing an application to the Commission. The Commission would need to issue Spire a Certificate of Public Convenience and Necessity to enable construction and operation of the proposed pipeline. The preliminary Project schedule includes the following target dates:

- July 22, 2016 - Commission acceptance into pre-filing; commencement of the NEPA process (pre-filing docket no. PF16-9-000);
- August 2016 (Anticipated) - biological and cultural resource surveys;
- January 2017 (Anticipated) - file final application with Commission;
- August 2017 (Anticipated) - NEPA document published;
- November 2017 (Anticipated) - Commission decision on application; and
- February 2018 (Anticipated) - commence construction activities.

On behalf of Spire, GAI would like to take this opportunity to invite the St Charles County - Floodplain Vision Board to participate in the review of this Project as a cooperating agency during the Commission's pre-filing process. We look forward to your involvement in the review of this important Project and appreciate your cooperation.

**Please note the intent of this letter is solely for the purpose of inviting you to participate in the Commission's NEPA pre-filing process. Specific and necessary consultations and/or applicable permit applications will be addressed to you under separate cover.**

If you have any questions or would like additional information, please feel free to contact me at 331.301.2002 or by e-mail at L.Ferry@gaiconsultants.com.

Sincerely,

**GAI Consultants, Inc.**

A handwritten signature in black ink that reads "Lori M. Ferry". The signature is written in a cursive, flowing style.

Lori M. Ferry  
Environmental Project Manager

LMF/gmg

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



July 29, 2016

Mr. Jason Farley  
Planning and Zoning Commissioner  
City of West Alton  
West Alton City Hall  
West Alton, MO 63386

**Re: Notice of Use of Pre-Filing Process  
Spire STL Pipeline  
Scott, Greene, and Jersey Counties, IL  
St. Charles and St. Louis Counties, MO**

Dear Mr. Farley:

Spire STL Pipeline LLC ("Spire") is in the planning stages of the Spire STL Pipeline ("Project"). As proposed, the Project will serve the energy needs of residential, commercial and industrial customers in the eastern portion of Missouri, including the St. Louis metropolitan area and surrounding counties. The Project as proposed will consist of approximately 60 miles of new build 24-inch diameter steel pipeline (referred to as the "new build" portion of the Project) originating at an interconnection with 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 until crossing the Missouri river and tying into an existing 20-inch diameter steel transmission pipeline in St. Louis County, Missouri that is currently owned and operated by Laclede Gas Company ("LGC") (referred to as "Line 880"). Spire plans to purchase Line 880 from LGC and modify approximately nine miles of existing 20-inch diameter steel natural gas pipeline located in St. Louis County, Missouri that will connect the new build part of the Project to the Enable Mississippi River Transmission, LLC ("MRT") pipeline along the western bank of the Mississippi river in St. Louis County, Missouri. The total length of the entire Project will be approximately 70 miles.

Construction and operation of the proposed Project will be regulated by the Federal Energy Regulatory Commission ("Commission") among other regulatory agencies. Spire intends to utilize the Commission's pre-filing process detailed in Section 157.21 of the Commission's regulations, which allows the Commission and other agencies to initiate National Environmental Policy Act ("NEPA") review prior to Spire filing an application to the Commission. The Commission would need to issue Spire a Certificate of Public Convenience and Necessity to enable construction and operation of the proposed pipeline. The preliminary Project schedule includes the following target dates:

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- August 2017 (Anticipated) - NEPA document published;
- November 2017 (Anticipated) - Commission decision on application; and
- February 2018 (Anticipated) - commence construction activities.

On behalf of Spire, GAI would like to take this opportunity to invite the City of West Alton to participate in the review of this Project as a cooperating agency during the Commission's pre-filing process. We look forward to your involvement in the review of this important Project and appreciate your cooperation.

**Please note the intent of this letter is solely for the purpose of inviting you to participate in the Commission's NEPA pre-filing process. Specific and necessary consultations and/or applicable permit applications will be addressed to you under separate cover.**

If you have any questions or would like additional information, please feel free to contact me at 331.301.2002 or by e-mail at L.Ferry@gaiconsultants.com.

Sincerely,

**GAI Consultants, Inc.**

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Lori M. Ferry  
Environmental Project Manager

LMF/gmg

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



July 29, 2016

Ms. Janet Neustadt  
Floodplain Administrator  
City of West Alton  
West Alton City Hall  
West Alton, MO 63386

**Re: Notice of Use of Pre-Filing Process  
Spire STL Pipeline  
Scott, Greene, and Jersey Counties, IL  
St. Charles and St. Louis Counties, MO**

Dear Ms. Neustadt:

Spire STL Pipeline LLC ("Spire") is in the planning stages of the Spire STL Pipeline ("Project"). As proposed, the Project will serve the energy needs of residential, commercial and industrial customers in the eastern portion of Missouri, including the St. Louis metropolitan area and surrounding counties. The Project as proposed will consist of approximately 60 miles of new build 24-inch diameter steel pipeline (referred to as the "new build" portion of the Project) originating at an interconnection with 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 until crossing the Missouri river and tying into an existing 20-inch diameter steel transmission pipeline in St. Louis County, Missouri that is currently owned and operated by Laclede Gas Company ("LGC") (referred to as "Line 880"). Spire plans to purchase Line 880 from LGC and modify approximately nine miles of existing 20-inch diameter steel natural gas pipeline located in St. Louis County, Missouri that will connect the new build part of the Project to the Enable Mississippi River Transmission, LLC ("MRT") pipeline along the western bank of the Mississippi river in St. Louis County, Missouri. The total length of the entire Project will be approximately 70 miles.

Construction and operation of the proposed Project will be regulated by the Federal Energy Regulatory Commission ("Commission") among other regulatory agencies. Spire intends to utilize the Commission's pre-filing process detailed in Section 157.21 of the Commission's regulations, which allows the Commission and other agencies to initiate National Environmental Policy Act ("NEPA") review prior to Spire filing an application to the Commission. The Commission would need to issue Spire a Certificate of Public Convenience and Necessity to enable construction and operation of the proposed pipeline. The preliminary Project schedule includes the following target dates:

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If you have any questions or would like additional information, please feel free to contact me at 331.301.2002 or by e-mail at L.Ferry@gaiconsultants.com.

Sincerely,

**GAI Consultants, Inc.**

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Lori M. Ferry  
Environmental Project Manager

LMF/gmg

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

## Ali Trunzo

---

**From:** Lori Ferry  
**Sent:** Thursday, July 14, 2016 1:40 PM  
**To:** Ali Trunzo  
**Subject:** FW: Spire STL Pipeline Project

---

**From:** Lori Ferry  
**Sent:** Thursday, July 14, 2016 12:40 PM  
**To:** 'skmachens@live.com' <skmachens@live.com>  
**Subject:** Spire STL Pipeline Project

Mr. Machens





I received your contact information from Ed Rodriguez at the USACE-St. Louis District. I left you a voicemail and wanted to follow up with an email as well.


As you may or may not be aware, Spire has a potential pipeline project proposed in the area; currently proposed across the North County levee. We'd like to set up a time that is convenient to speak to you about this potential crossing either in person or via conference call. If you could give me a call or email back to further our discussions that would be great.

Thank you. Look forward to speaking with you,

Lori

**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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## **Local Agencies and Governments – St. Louis County, Missouri**

## Ali Trunzo

---

**From:** Mattus, Linda <lmattus@explorestlouis.com>  
**Sent:** Tuesday, December 13, 2016 4:08 PM  
**To:** Ali Trunzo  
**Subject:** RE: St. Louis Report

The “Monthly Operating Performance” is the data for the latest month in the report. In this case, it is showing you what happened in the month of October 2016 vs. the month of October 2015.

The “Operating Performance Year to Date” is the data for everything that has happened between January thru Oct. 2016 vs. January thru Oct. 2015

I hope this answers your question. If not, let me know.

*Linda Mattus*

Senior Administrative Assistant

Explore St. Louis

[lmattus@explorestlouis.com](mailto:lmattus@explorestlouis.com)

701 Convention Plaza, Suite 300 | St. Louis, MO 63101

(314) 992-0633 | (800) 325-7962 | (314) 621-7729 fax

[explorestlouis.com](http://explorestlouis.com) | [Twitter](#) | [Facebook](#)



---

**From:** Ali Trunzo [mailto:A.Trunzo@gaiconsultants.com]  
**Sent:** Tuesday, December 13, 2016 3:04 PM  
**To:** Mattus, Linda  
**Subject:** RE: St. Louis Report

Linda,

Thank you very much for this information. I did have one question - could you clarify the difference between the data for the “monthly operating performance” and “operating performance year to date”?


Thank you,

Ali

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

**GAI Consultants**

385 East Waterfront Drive, Homestead, PA 15120-5005

Direct 412.399.5096 | Office 412.476.2000 | [a.trunzo@gaiconsultants.com](mailto:a.trunzo@gaiconsultants.com) | [gaiconsultants.com](http://gaiconsultants.com)     



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---

**From:** Mattus, Linda [<mailto:lmattus@explorestlouis.com>]  
**Sent:** Tuesday, December 13, 2016 3:22 PM  
**To:** Ali Trunzo <[A.Trunzo@gaiconsultants.com](mailto:A.Trunzo@gaiconsultants.com)>  
**Subject:** St. Louis Report

Let me know if you have any questions.

*Linda Mattus*

Senior Administrative Assistant

Explore St. Louis

[lmattus@explorestlouis.com](mailto:lmattus@explorestlouis.com)

701 Convention Plaza, Suite 300 | St. Louis, MO 63101

(314) 992-0633 | (800) 325-7962 | (314) 621-7729 fax

[explorestlouis.com](http://explorestlouis.com) | [Twitter](#) | [Facebook](#)



# telephone log



gai consultants

Date: 12-13-16

---

Project / Admin. No.: E160438.00

---

Call From: Ali Trunzo

---

Company: GAI Consultants

---

Phone No.: 412.399.5096

---

Call To: Linda Mattus

---

Company: Explore St. Louis

---

Phone No.: 314.992.0633

---

Subject: Hotel Occupancy Data

---

cc:

---

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

---

Spoke with Ms. Mattus regarding hotel occupancy data for the St. Louis area. Within St. Louis County and city, there are 38,000 hotel rooms. Ms. Mattus also has monthly occupancy data through October 2016 and will provide by email.

# telephone log



gai consultants

Date: 10/6/2016

---

Project / Admin. No.: E160438.00

---

Call From: Andrea Halfhill

---

Company: GAI Consultants

---

Phone No.: 412-399-5521

---

Call To: St. Louis County

---

Company: Department of Planning

---

Phone No.: 314-615-2520

---

Subject: Planned residential/commercial developments

---

cc:

---

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

---

Andrea Halfhill called the Department of Planning to follow up with the Project information previously emailed on September 28, 2016. Andrea spoke with Gail Choate. Gail said she had reviewed the mapping previously emailed to her. She said she reviewed the portion of the project (both the 24-inch pipeline and Line 880 modification) that falls within the area of unincorporated St. Louis County only. She said there were no in-progress or new planned developments that they are aware of.



Spire STL Pipeline LLC  
700 Market Street  
Saint Louis, MO 63101

August 5, 2016

Mr. James Knoll  
Supervisor St. Louis County Department of Highways and Traffic  
41 South Central Ave  
Clayton, MO 63105

Re: Spire STL Pipeline  
FERC Docket No. PF16-9

Dear Mr. Knoll,

At Spire, formerly The Laclede Group, we never stop looking for better ways to provide energy now and for the future. That's why Spire STL Pipeline LLC, a wholly owned subsidiary of Spire Inc., is proposing to develop and construct a new interstate natural gas pipeline that will bring an efficient energy source to southwest Illinois and the St. Louis region. As a member of the community, we want you to be informed about our proposed project and we want you to hear from us first.

We are proposing to construct 60 miles of new build pipeline and upgrade nine miles of existing underground pipeline to further improve reliability and better serve homes and businesses across Illinois and Missouri. The planned route runs through Scott, Greene and Jersey counties in Illinois and St. Charles and St. Louis counties in Missouri.

You are receiving this letter because your property is located on or near our currently proposed route.

Spire STL Pipeline LLC has started the pre-filing application process for developing interstate natural gas pipelines by the Federal Energy Regulatory Commission ("FERC") pursuant to 18 C.F.R. § 157.21. FERC staff recently started a pre-filing environmental review process, which encourages early involvement by citizens, governmental entities and other interested parties. You can find more information about this pre-filing process at [www.ferc.gov](http://www.ferc.gov). You can see all the information about the Spire STL Pipeline using the docket number PF16-9.

Included with this letter, for your information, is a general overview map of the proposed pipeline route and a diagram illustrating the FERC process.

We believe that we can create a better project by hearing from you and listening to your feedback. That's why we are hosting open houses this month so you can learn more about the project and we can learn more about you.

At the open houses, more detailed maps will be available to show where the proposed pipeline may be located relative to your property. We want you to come, ask questions and provide feedback. Representatives of the Federal Energy Regulatory Commission (FERC) will also be there to answer questions about the FERC process for natural gas pipelines.

### Spire STL Pipeline open house schedule

Tuesday August 16, 2016 5 p.m. – 7:30 p.m.	Wednesday August 17, 2016 5 p.m. – 7:30 p.m.	Thursday August 18, 2016 5 p.m.– 7:30 p.m.	Tuesday August 23, 2016 5 p.m.– 7:30 p.m.	Wednesday August 24, 2016 5 p.m. – 7:30 p.m.
<b>Scott County, Illinois</b>	<b>Jersey County, Illinois</b>	<b>St. Louis County, Missouri</b>	<b>St. Charles County, Missouri</b>	<b>Greene County, Illinois</b>
Scott County Fairgrounds 401 North Walnut Winchester, IL 62694	Jerseyville Recreation Center 401 Mound Street Jerseyville, IL 62052	Hazelwood Civic Center East 8969 Dunn Road Hazelwood, MO 63042	American Legion Post 312 2500 Raymond Drive St Charles, MO 63301	Knights of Columbus Hall U.S. HWY 67 Carrollton, IL 62016

Check out more information on our website at [www.SpireSTLPipeline.com](http://www.SpireSTLPipeline.com). If you have any questions, please do not hesitate to contact us toll-free at 1 844-885-7234 or at [STLPipelineInfo@SpireEnergy.com](mailto:STLPipelineInfo@SpireEnergy.com).

We look forward to working with you.

Sincerely,



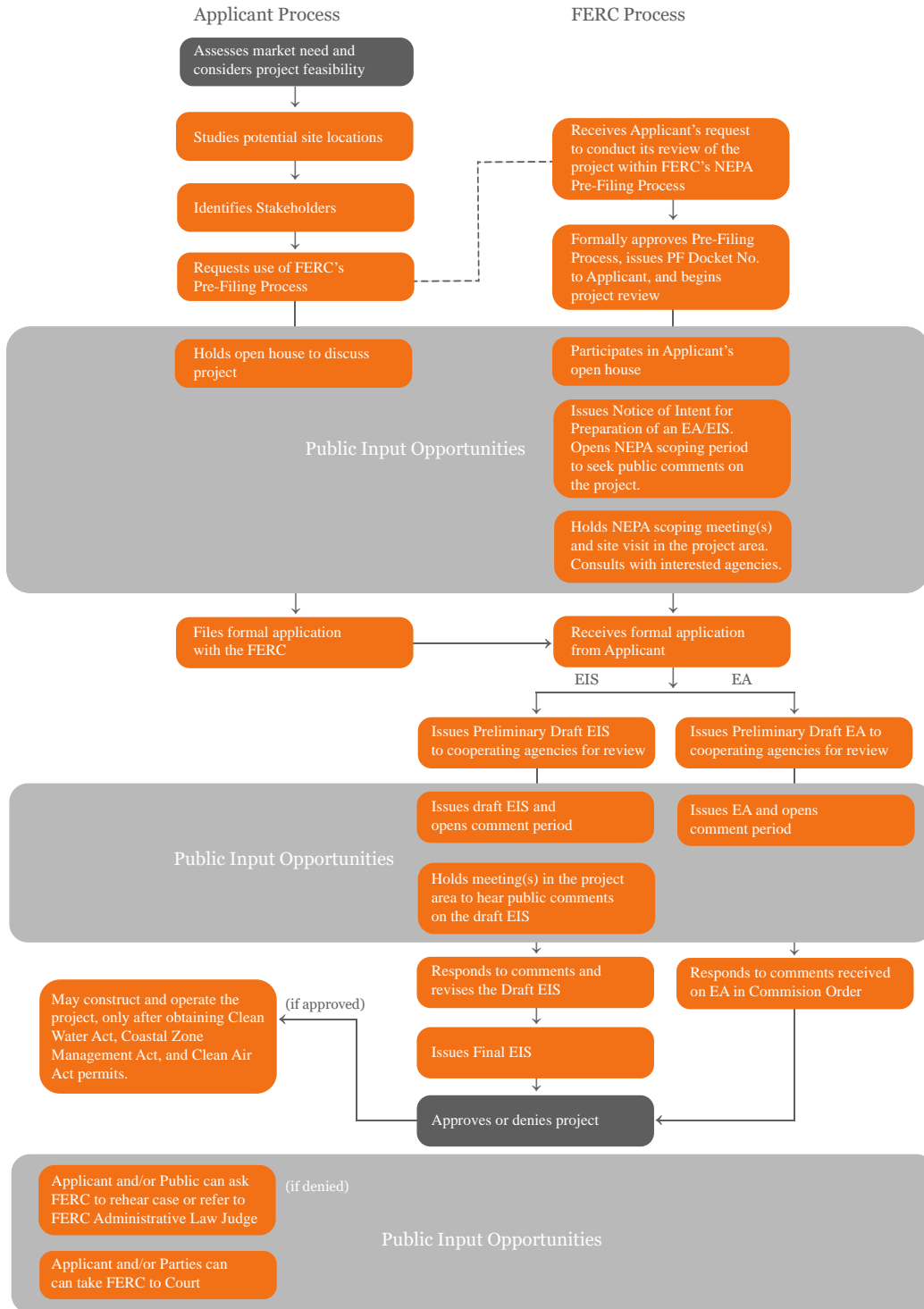
Scott Jaskowiak  
Vice President  
Spire STL Pipeline LLC

Project Map





# FERC Pre-Filing Process





Spire STL Pipeline LLC  
700 Market Street  
Saint Louis, MO 63101

August 5, 2016

Spanish Lake Community Association  
11726 Larimore Rd  
St. Louis, MO 63138

Re: Spire STL Pipeline  
FERC Docket No. PF16-9

Dear To Whom It May Concern,

At Spire, formerly The Laclede Group, we never stop looking for better ways to provide energy now and for the future. That's why Spire STL Pipeline LLC, a wholly owned subsidiary of Spire Inc., is proposing to develop and construct a new interstate natural gas pipeline that will bring an efficient energy source to southwest Illinois and the St. Louis region. As a member of the community, we want you to be informed about our proposed project and we want you to hear from us first.

We are proposing to construct 60 miles of new build pipeline and upgrade nine miles of existing underground pipeline to further improve reliability and better serve homes and businesses across Illinois and Missouri. The planned route runs through Scott, Greene and Jersey counties in Illinois and St. Charles and St. Louis counties in Missouri.

You are receiving this letter because your property is located on or near our currently proposed route.

Spire STL Pipeline LLC has started the pre-filing application process for developing interstate natural gas pipelines by the Federal Energy Regulatory Commission ("FERC") pursuant to 18 C.F.R. § 157.21. FERC staff recently started a pre-filing environmental review process, which encourages early involvement by citizens, governmental entities and other interested parties. You can find more information about this pre-filing process at [www.ferc.gov](http://www.ferc.gov). You can see all the information about the Spire STL Pipeline using the docket number PF16-9.

Included with this letter, for your information, is a general overview map of the proposed pipeline route and a diagram illustrating the FERC process.

We believe that we can create a better project by hearing from you and listening to your feedback. That's why we are hosting open houses this month so you can learn more about the project and we can learn more about you.

At the open houses, more detailed maps will be available to show where the proposed pipeline may be located relative to your property. We want you to come, ask questions and provide feedback. Representatives of the Federal Energy Regulatory Commission (FERC) will also be there to answer questions about the FERC process for natural gas pipelines.

**Spire STL Pipeline open house schedule**

Tuesday August 16, 2016 5 p.m. – 7:30 p.m.	Wednesday August 17, 2016 5 p.m. – 7:30 p.m.	Thursday August 18, 2016 5 p.m.– 7:30 p.m.	Tuesday August 23, 2016 5 p.m.– 7:30 p.m.	Wednesday August 24, 2016 5 p.m. – 7:30 p.m.
<b>Scott County, Illinois</b>	<b>Jersey County, Illinois</b>	<b>St. Louis County, Missouri</b>	<b>St. Charles County, Missouri</b>	<b>Greene County, Illinois</b>
Scott County Fairgrounds 401 North Walnut Winchester, IL 62694	Jerseyville Recreation Center 401 Mound Street Jerseyville, IL 62052	Hazelwood Civic Center East 8969 Dunn Road Hazelwood, MO 63042	American Legion Post 312 2500 Raymond Drive St Charles, MO 63301	Knights of Columbus Hall U.S. HWY 67 Carrollton, IL 62016

Check out more information on our website at [www.SpireSTLPipeline.com](http://www.SpireSTLPipeline.com). If you have any questions, please do not hesitate to contact us toll-free at 1 844-885-7234 or at [STLPipelineInfo@SpireEnergy.com](mailto:STLPipelineInfo@SpireEnergy.com).

We look forward to working with you.

Sincerely,



Scott Jaskowiak  
Vice President  
Spire STL Pipeline LLC



July 29, 2016

Mr. James M. Knoll  
Supervisor  
St. Louis County Department  
of Highways and Traffic  
41 South Central Avenue  
Clayton, MO 63105

**Re: Notice of Use of Pre-Filing Process  
Spire STL Pipeline  
Scott, Greene, and Jersey Counties, IL  
St. Charles and St. Louis Counties, MO**

Dear Mr. Knoll:

Spire STL Pipeline LLC ("Spire") is in the planning stages of the Spire STL Pipeline ("Project"). As proposed, the Project will serve the energy needs of residential, commercial and industrial customers in the eastern portion of Missouri, including the St. Louis metropolitan area and surrounding counties. The Project as proposed will consist of approximately 60 miles of new build 24-inch diameter steel pipeline (referred to as the "new build" portion of the Project) originating at an interconnection with 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 until crossing the Missouri river and tying into an existing 20-inch diameter steel transmission pipeline in St. Louis County, Missouri that is currently owned and operated by Laclede Gas Company ("LGC") (referred to as "Line 880"). Spire plans to purchase Line 880 from LGC and modify approximately nine miles of existing 20-inch diameter steel natural gas pipeline located in St. Louis County, Missouri that will connect the new build part of the Project to the Enable Mississippi River Transmission, LLC ("MRT") pipeline along the western bank of the Mississippi river in St. Louis County, Missouri. The total length of the entire Project will be approximately 70 miles.

Construction and operation of the proposed Project will be regulated by the Federal Energy Regulatory Commission ("Commission") among other regulatory agencies. Spire intends to utilize the Commission's pre-filing process detailed in Section 157.21 of the Commission's regulations, which allows the Commission and other agencies to initiate National Environmental Policy Act ("NEPA") review prior to Spire filing an application to the Commission. The Commission would need to issue Spire a Certificate of Public Convenience and Necessity to enable construction and operation of the proposed pipeline. The preliminary Project schedule includes the following target dates:

- July 22, 2016 - Commission acceptance into pre-filing; commencement of the NEPA process (pre-filing docket no. PF16-9-000);
- August 2016 (Anticipated) - biological and cultural resource surveys;
- January 2017 (Anticipated) - file final application with Commission;
- August 2017 (Anticipated) - NEPA document published;
- November 2017 (Anticipated) - Commission decision on application; and
- February 2018 (Anticipated) - commence construction activities.

On behalf of Spire, GAI would like to take this opportunity to invite the St. Louis County Department of Highways and Traffic to participate in the review of this Project as a cooperating agency during the Commission's pre-filing process. We look forward to your involvement in the review of this important Project and appreciate your cooperation.

**Please note the intent of this letter is solely for the purpose of inviting you to participate in the Commission's NEPA pre-filing process. Specific and necessary consultations and/or applicable permit applications will be addressed to you under separate cover.**

If you have any questions or would like additional information, please feel free to contact me at 331.301.2002 or by e-mail at L.Ferry@gaiconsultants.com.

Sincerely,

**GAI Consultants, Inc.**

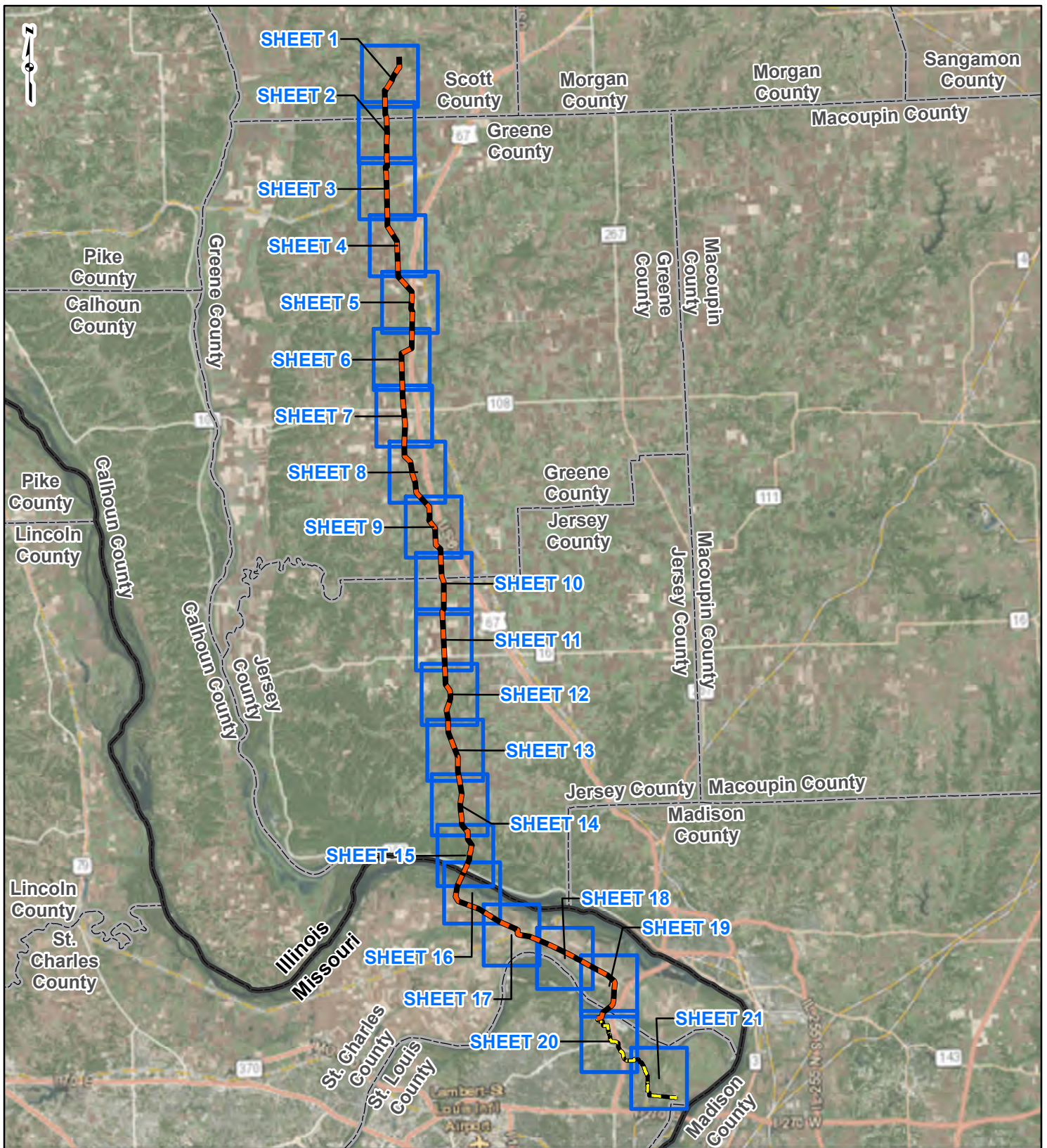
A handwritten signature in black ink that reads "Lori M. Ferry". The signature is written in a cursive, flowing style.

Lori M. Ferry  
Environmental Project Manager

LMF/gmg

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**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- COUNTY BOUNDARY
- STATE BOUNDARY
- SHEET INDEX

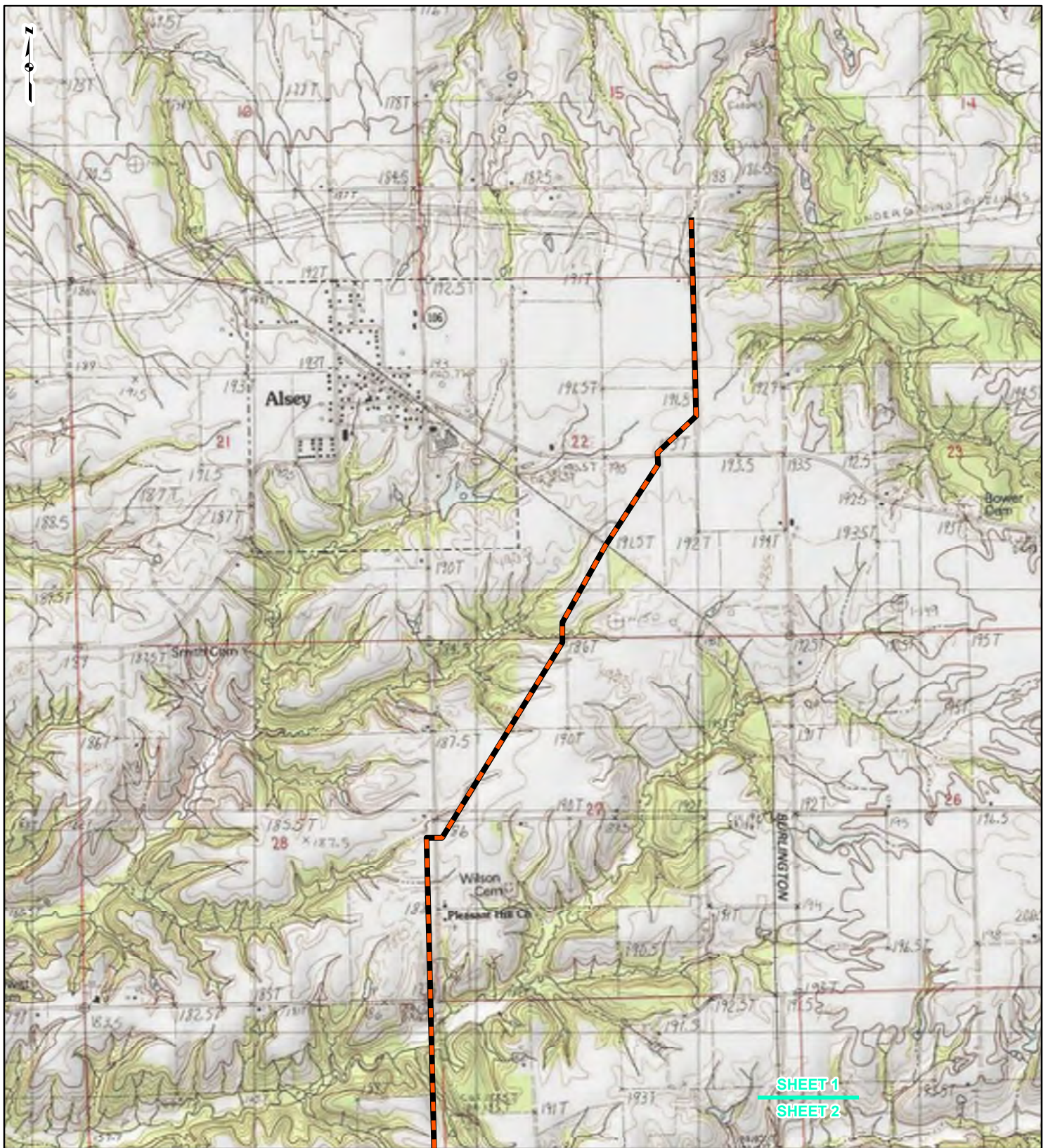


**FIGURE 1  
LOCATION MAP  
SHEET INDEX**

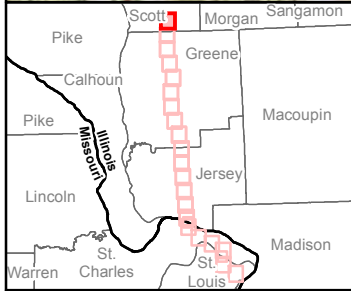


DRAWN BY: PMH      DATE: 7/28/2016  
CHECKED: SWW      APPROVED: LMF

REFERENCE: ESRI WORLD IMAGERY AND TRANSPORTATION, NAIP, USDA FSA, 2015, ACCESSED 07/2016.



SHEET 1  
SHEET 2



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

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

**Spire STL Pipeline**

DRAWN BY: PMH      DATE: 7/28/2016  
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 07/20/16.







SHEET 1  
SHEET 2

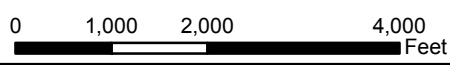


SHEET 2  
SHEET 3



### LEGEND

-  NEW BUILD 24-INCH DIAMETER PIPELINE
-  LINE 880 MODIFICATIONS
-  STATE BOUNDARY
-  COUNTY BOUNDARY



### FIGURE 1 LOCATION MAP SHEET 2 OF 21



DRAWN BY: PMH      DATE: 7/28/2016  
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 07/2016.

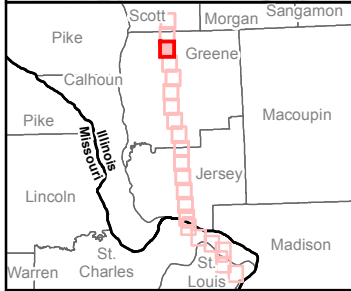


SHEET 2





SHEET 3

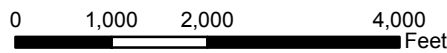
SHEET 3

SHEET 4



**LEGEND**

-  NEW BUILD 24-INCH DIAMETER PIPELINE
-  LINE 880 MODIFICATIONS
-  STATE BOUNDARY
-  COUNTY BOUNDARY

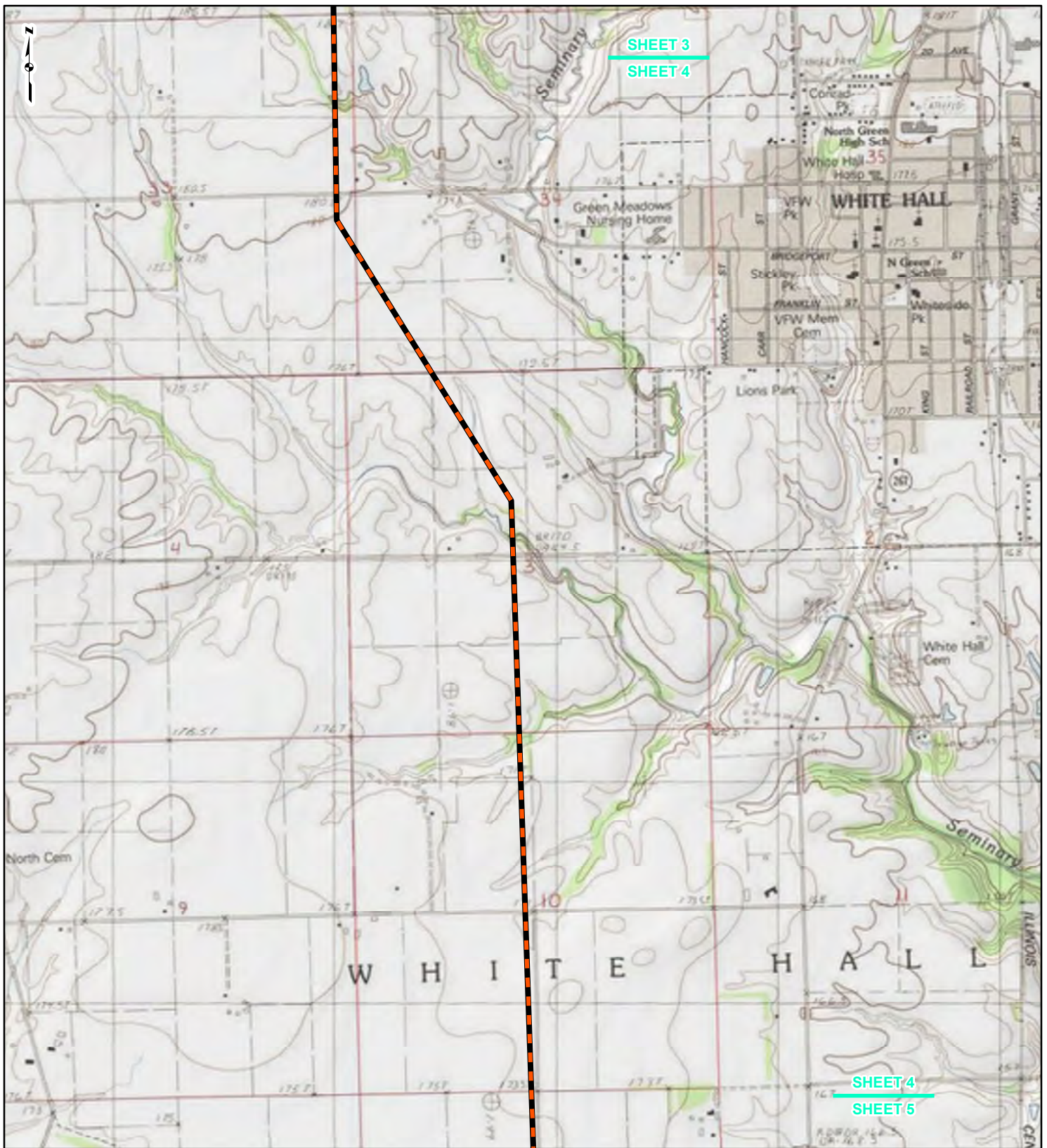


**FIGURE 1**  
LOCATION MAP  
SHEET 3 OF 21



DRAWN BY: PMH      DATE: 7/28/2016  
 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 07/2016.



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

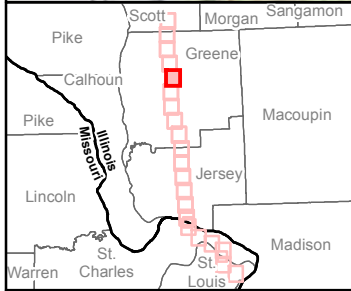
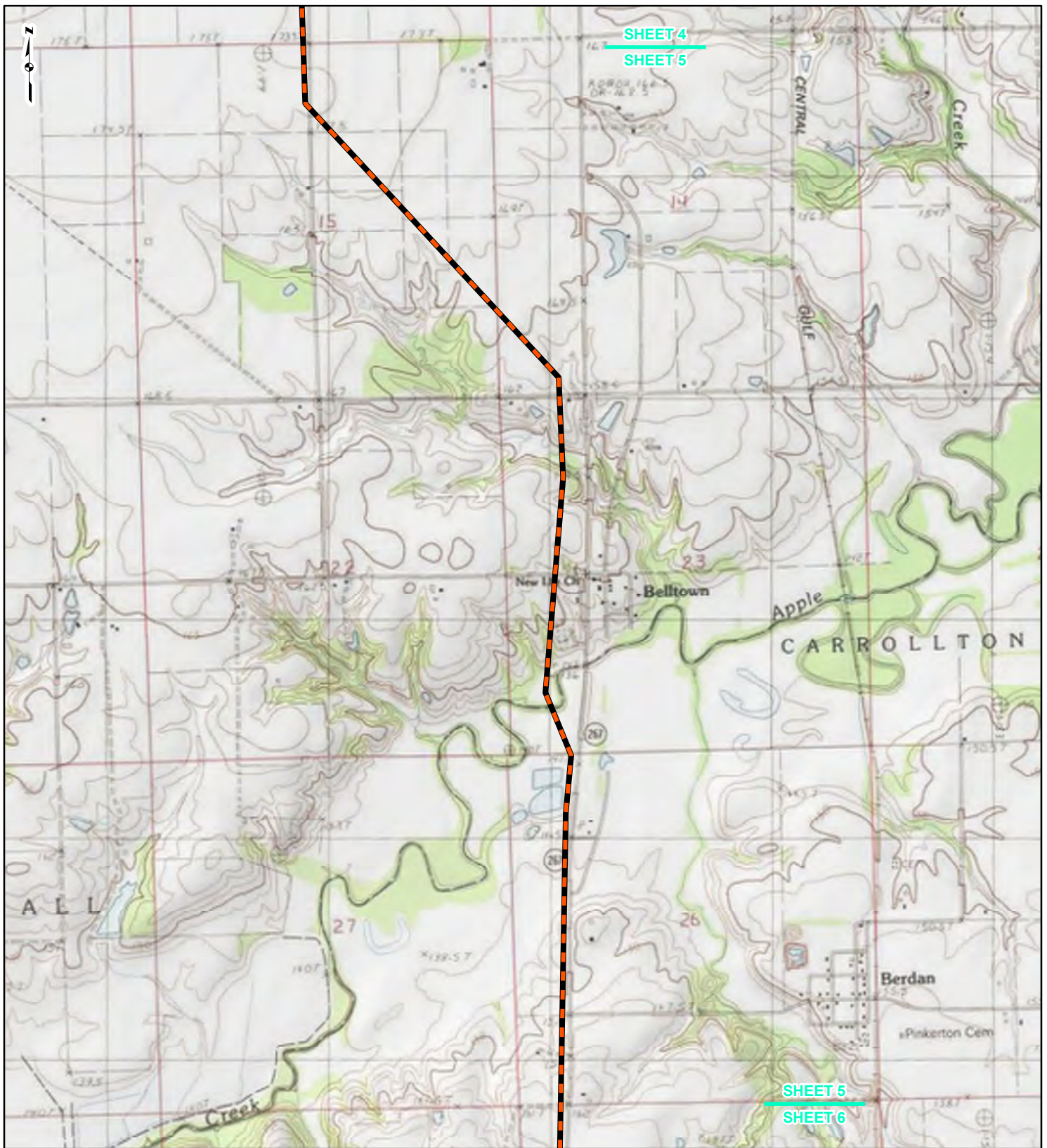
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**FIGURE 1**  
**LOCATION MAP**  
**SHEET 4 OF 21**



DRAWN BY: PMH      DATE: 7/28/2016  
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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), OTTERVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 07/2016.



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

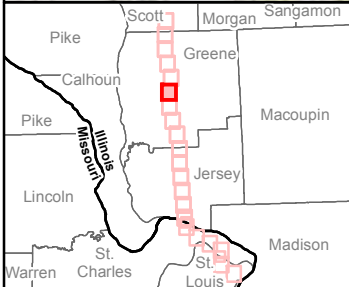
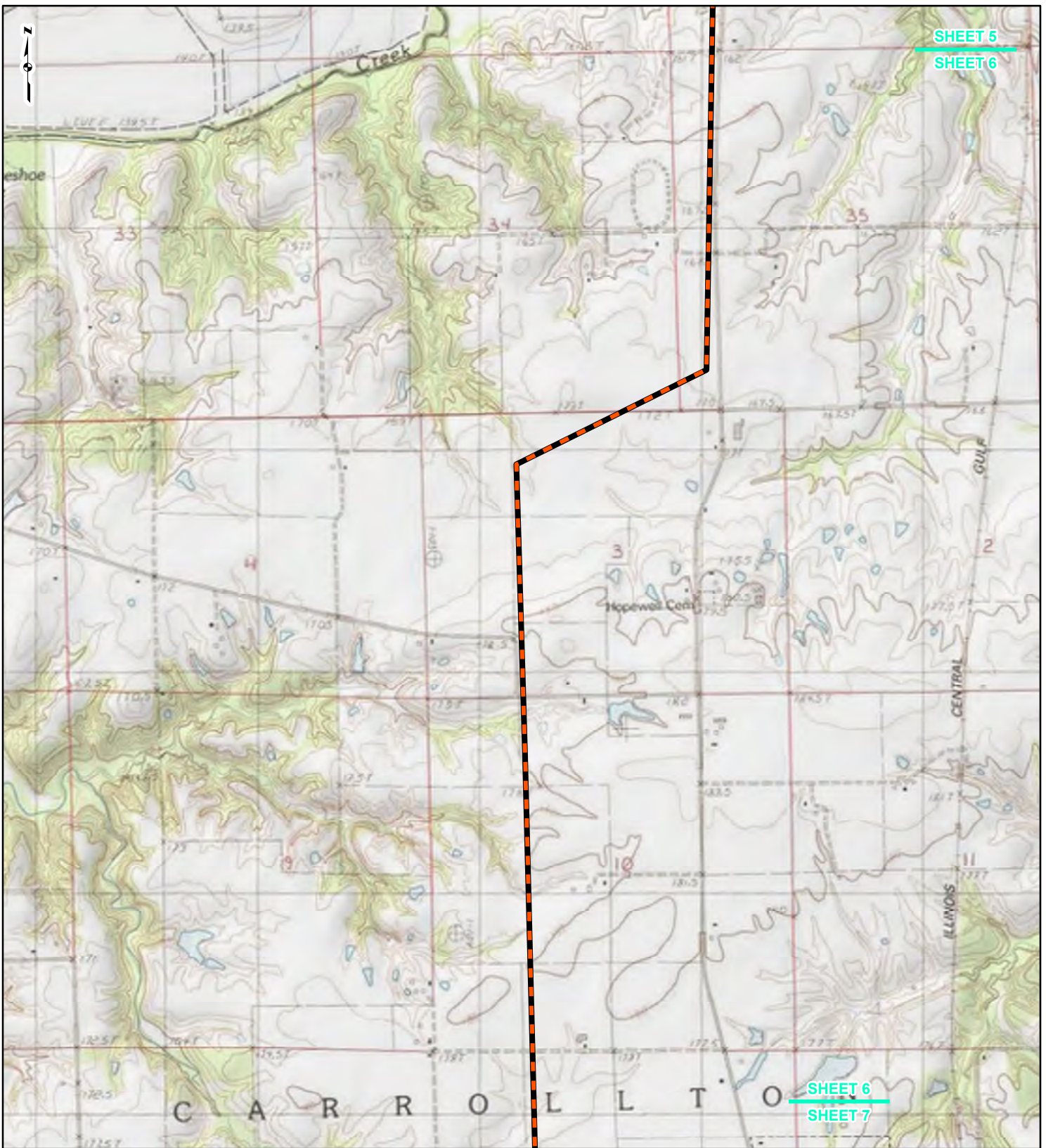
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**FIGURE 1**  
**LOCATION MAP**  
**SHEET 5 OF 21**





**Spire STL Pipeline**

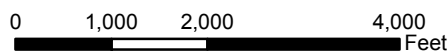
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**LEGEND**

-  NEW BUILD 24-INCH DIAMETER PIPELINE
-  LINE 880 MODIFICATIONS
-  STATE BOUNDARY
-  COUNTY BOUNDARY

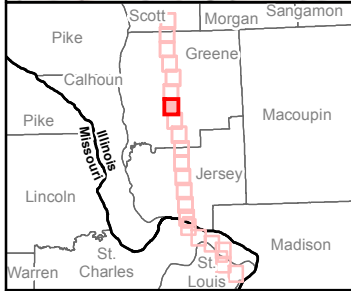
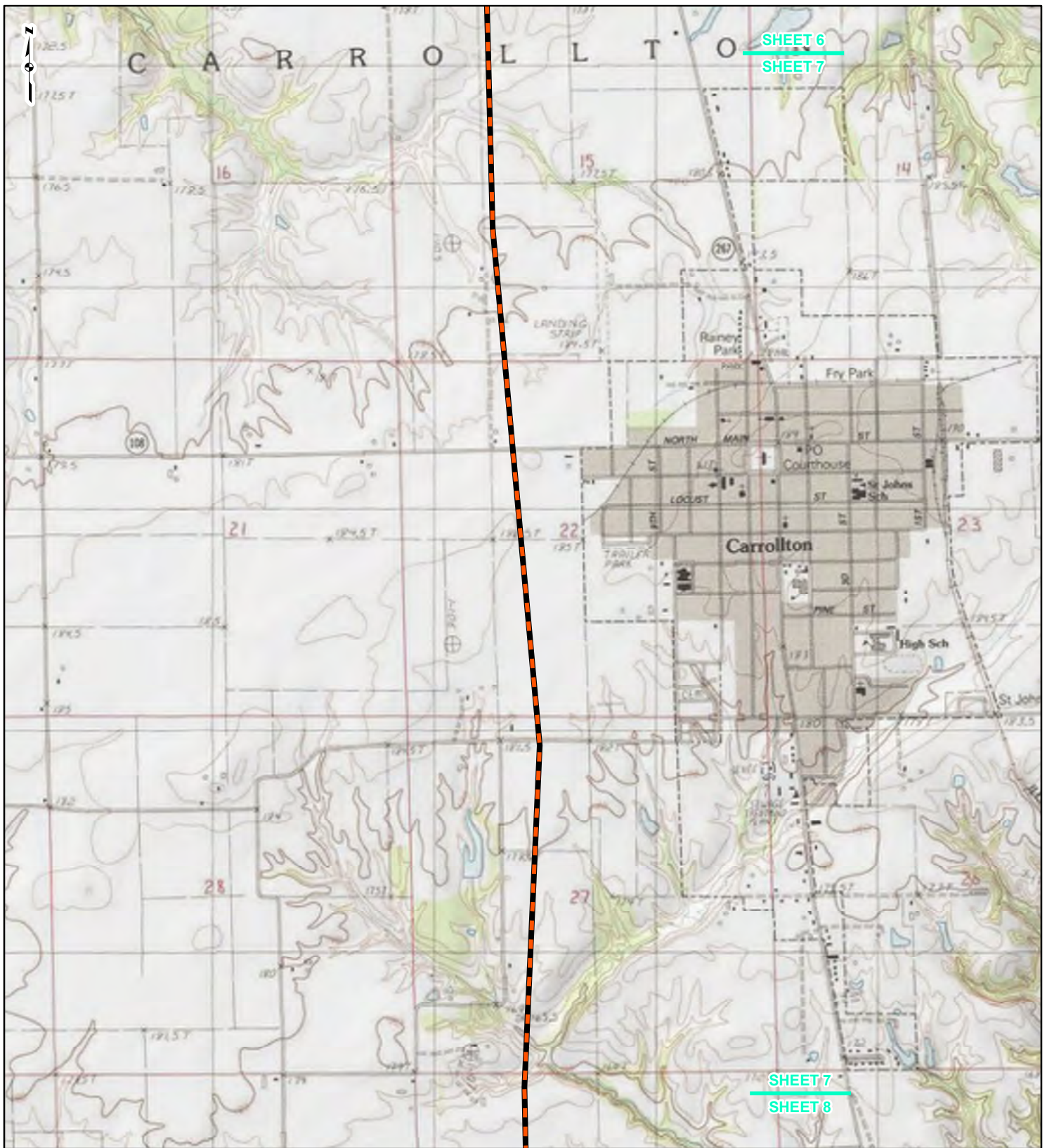


**FIGURE 1**  
**LOCATION MAP**  
**SHEET 6 OF 21**



DRAWN BY: PMH      DATE: 7/28/2016  
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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), OTTERTVILLE (1983) AND ROODHOUSE WEST (1983), ILLINOIS AND MISSOURI, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND I-CUBED, ACCESSED 07/2016.



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

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

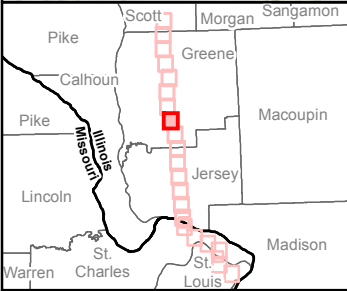
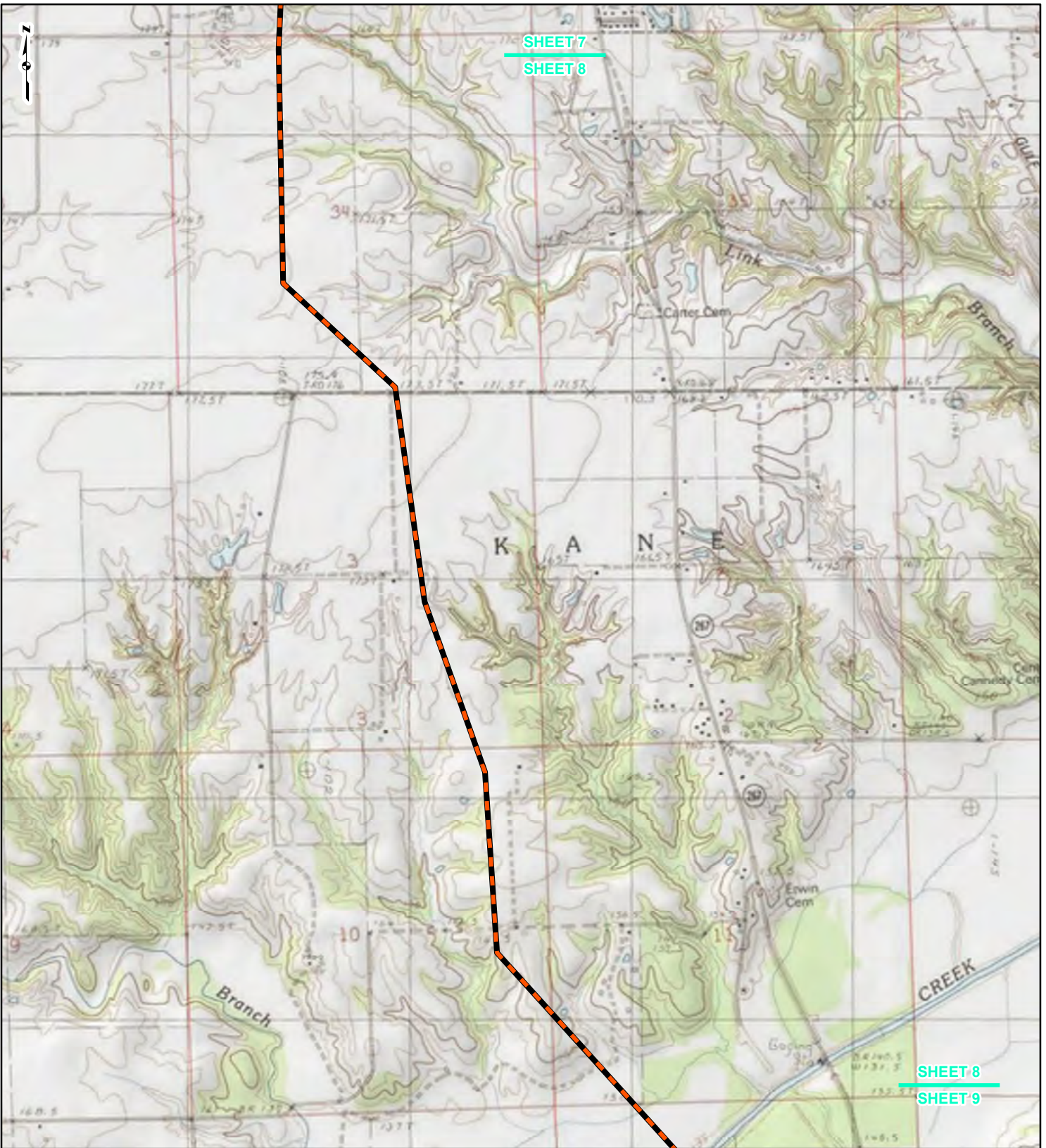
**Spire STL Pipeline**

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CHECKED: SWW      APPROVED: LMF





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SHEET 7  
SHEET 8

SHEET 8  
SHEET 9





**LEGEND**

-  NEW BUILD 24-INCH DIAMETER PIPELINE
-  LINE 880 MODIFICATIONS
-  STATE BOUNDARY
-  COUNTY BOUNDARY

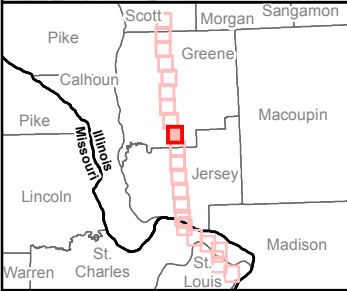
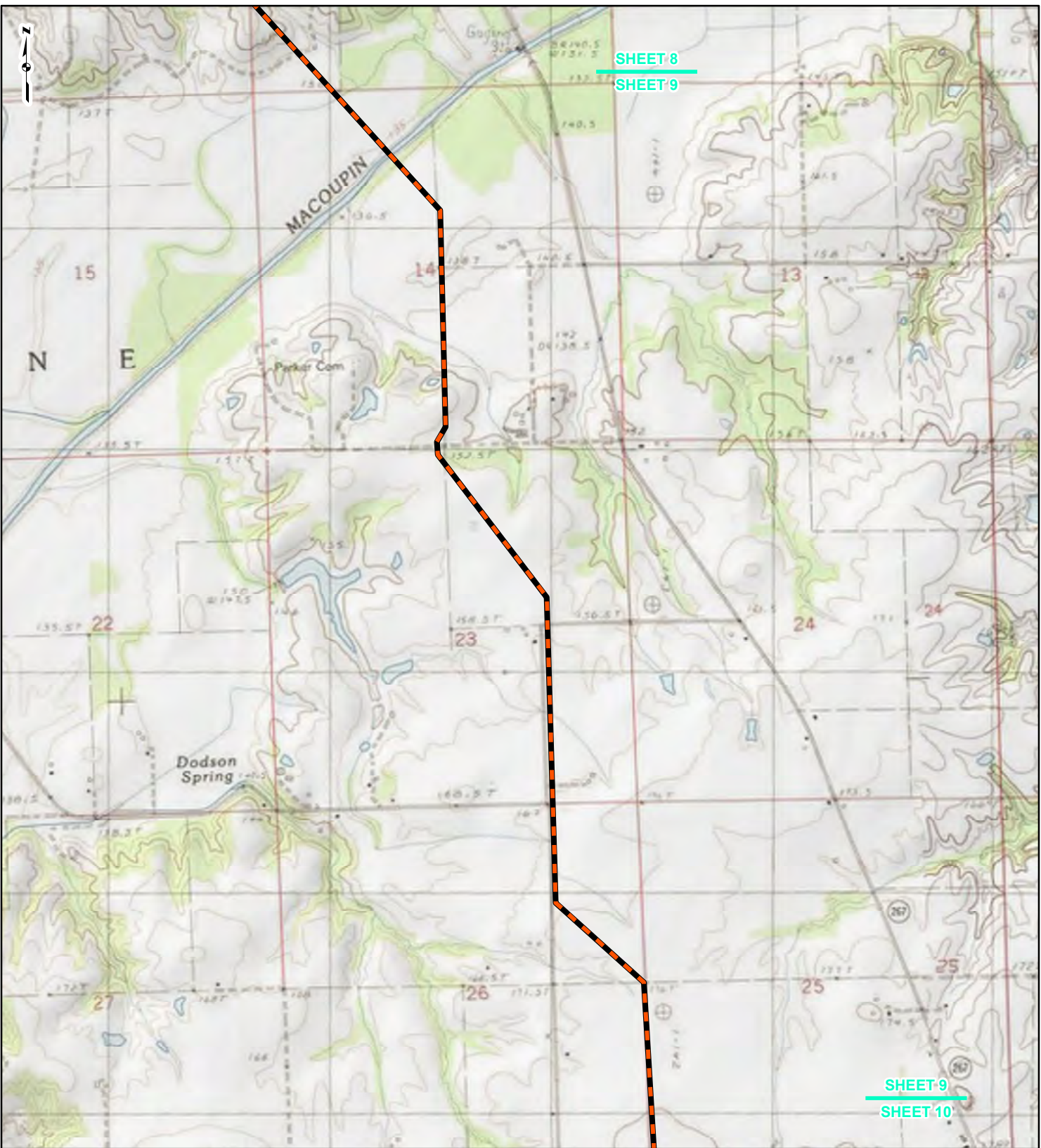
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**FIGURE 1  
LOCATION MAP  
SHEET 8 OF 21**

 **Spire STL Pipeline** 

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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 07/2016.



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

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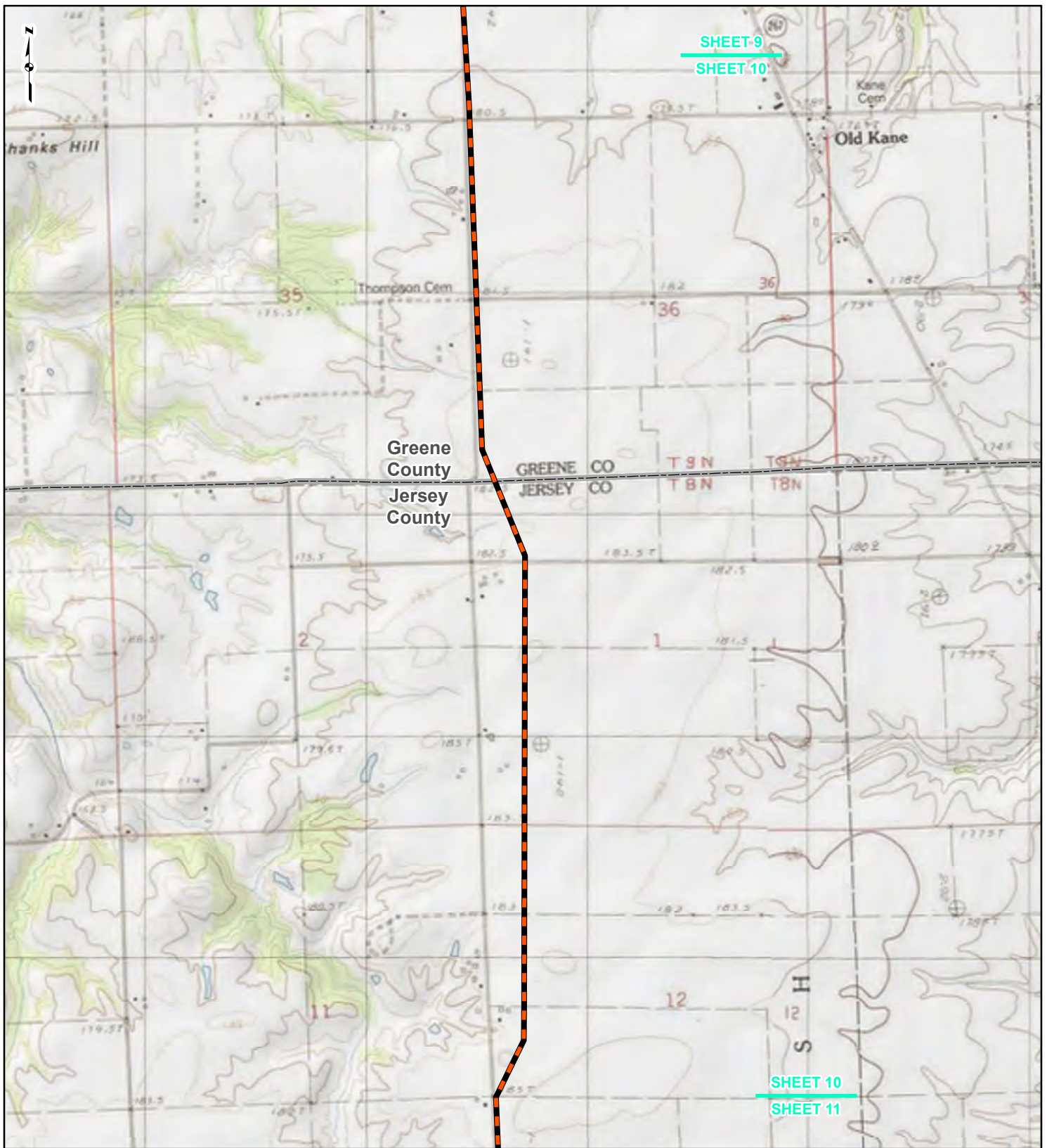
**FIGURE 1**  
**LOCATION MAP**  
**SHEET 9 OF 21**



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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 07/2016.



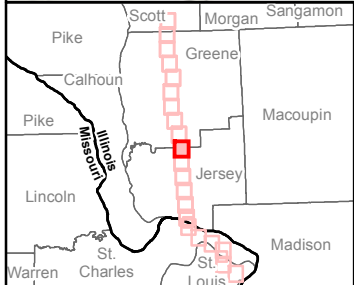


SHEET 9  
SHEET 10

SHEET 10  
SHEET 11

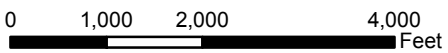
Greene  
County  
Jersey  
County

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**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

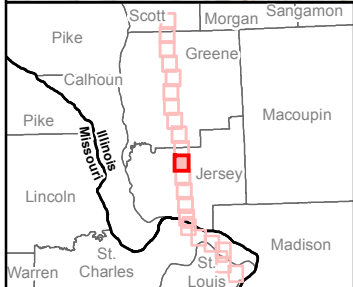
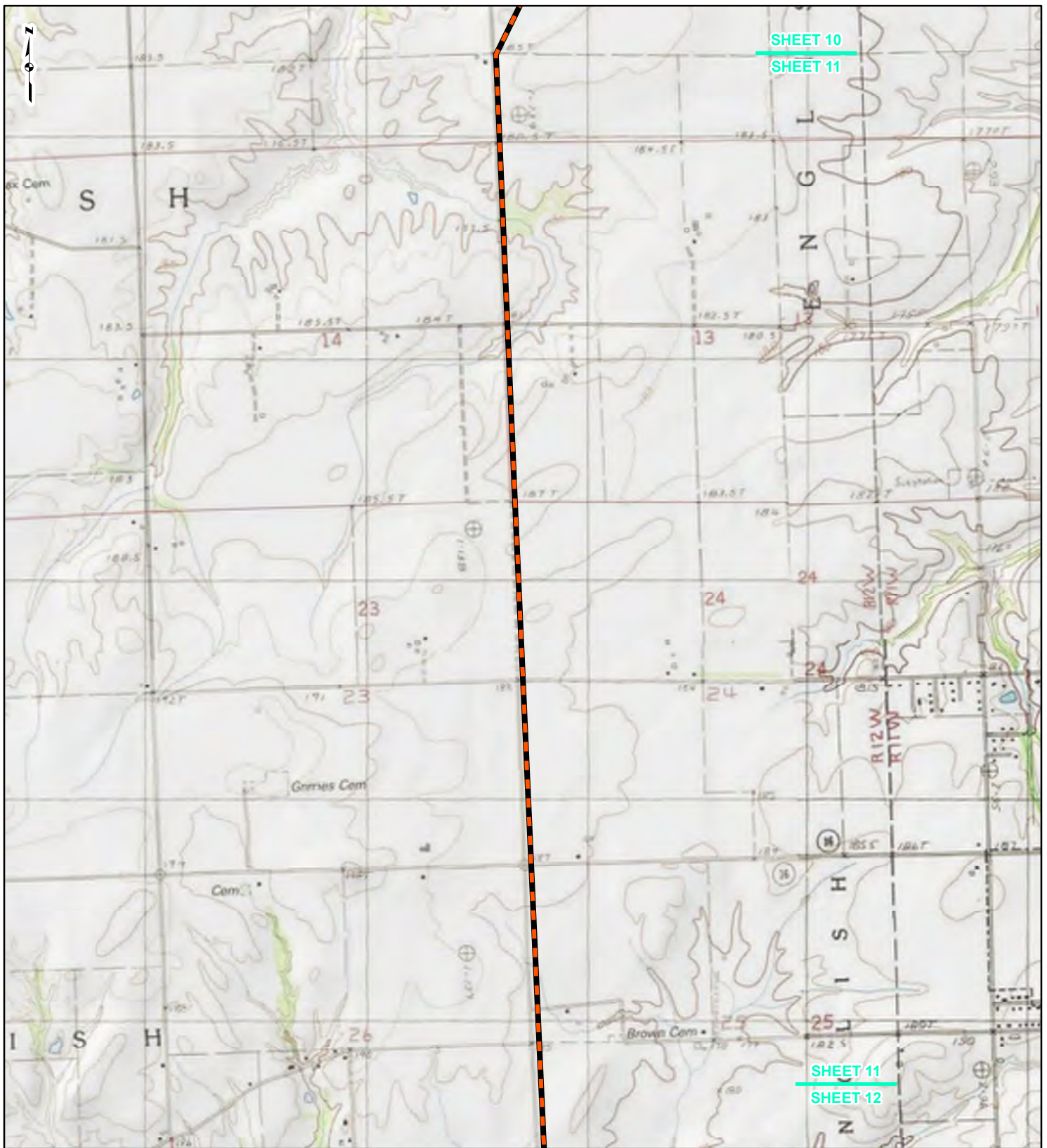


**FIGURE 1**  
**LOCATION MAP**  
**SHEET 10 OF 21**



DRAWN BY: PMH      DATE: 7/28/2016  
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**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

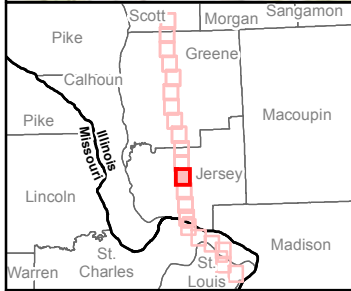
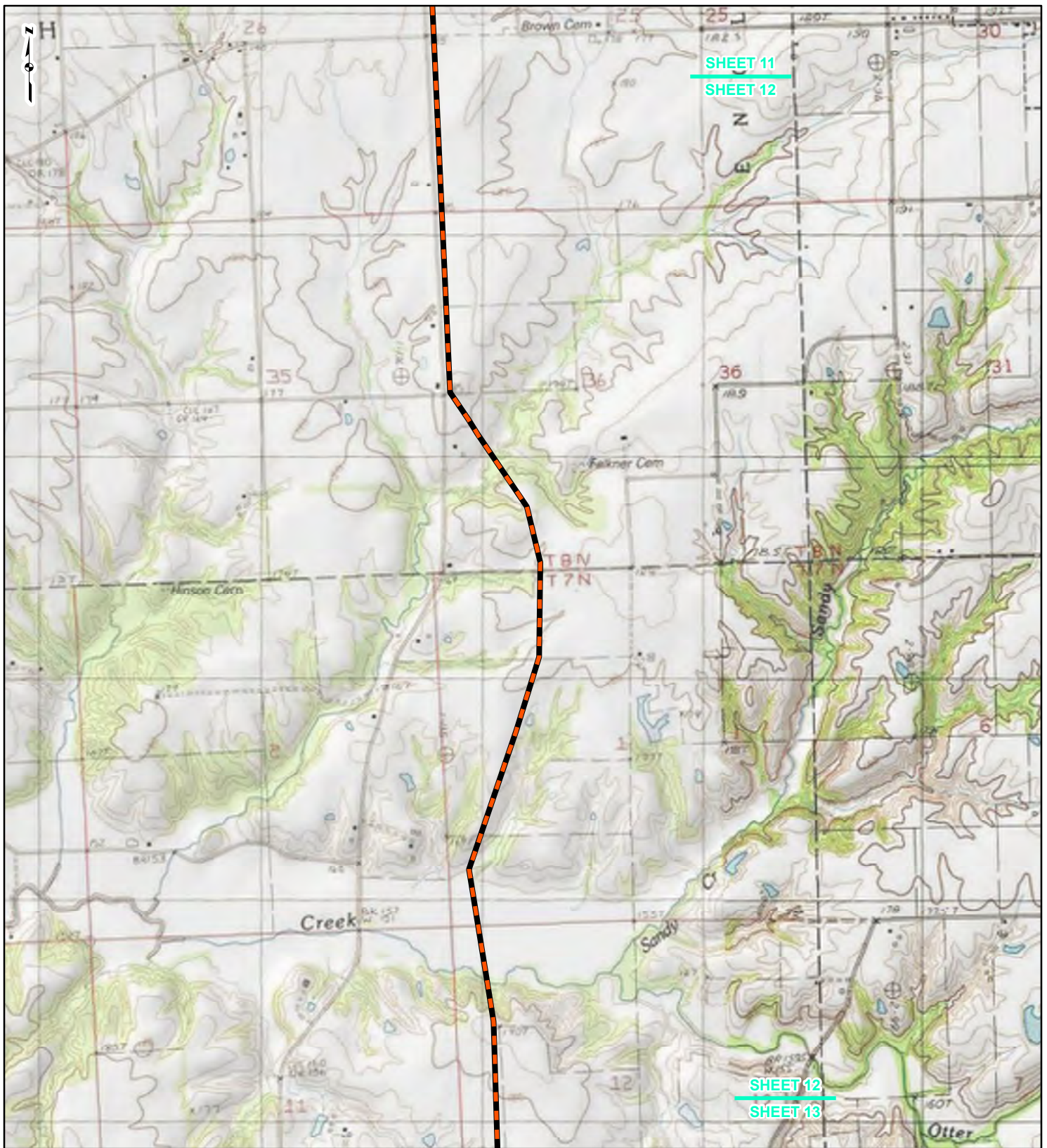
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**FIGURE 1**  
**LOCATION MAP**  
**SHEET 11 OF 21**



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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 07/2016.



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

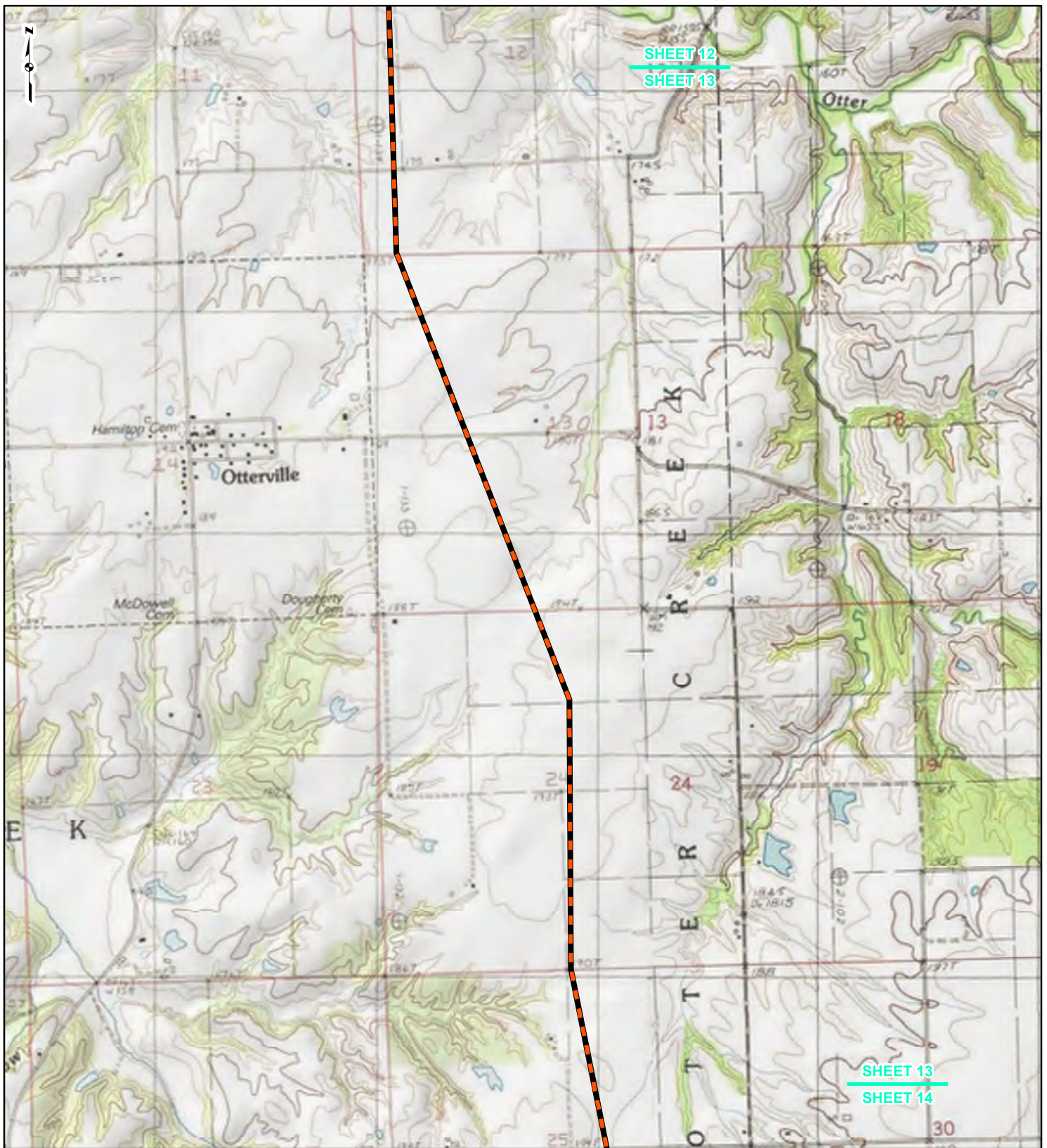
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**FIGURE 1**  
**LOCATION MAP**  
**SHEET 12 OF 21**

**Spire STL Pipeline**

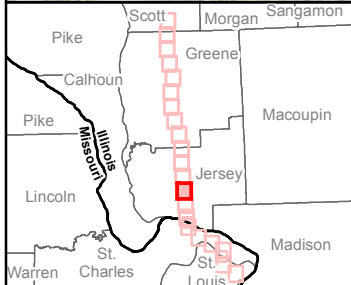
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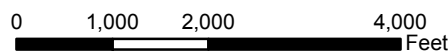
SHEET 12  
SHEET 13

SHEET 13  
SHEET 14



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

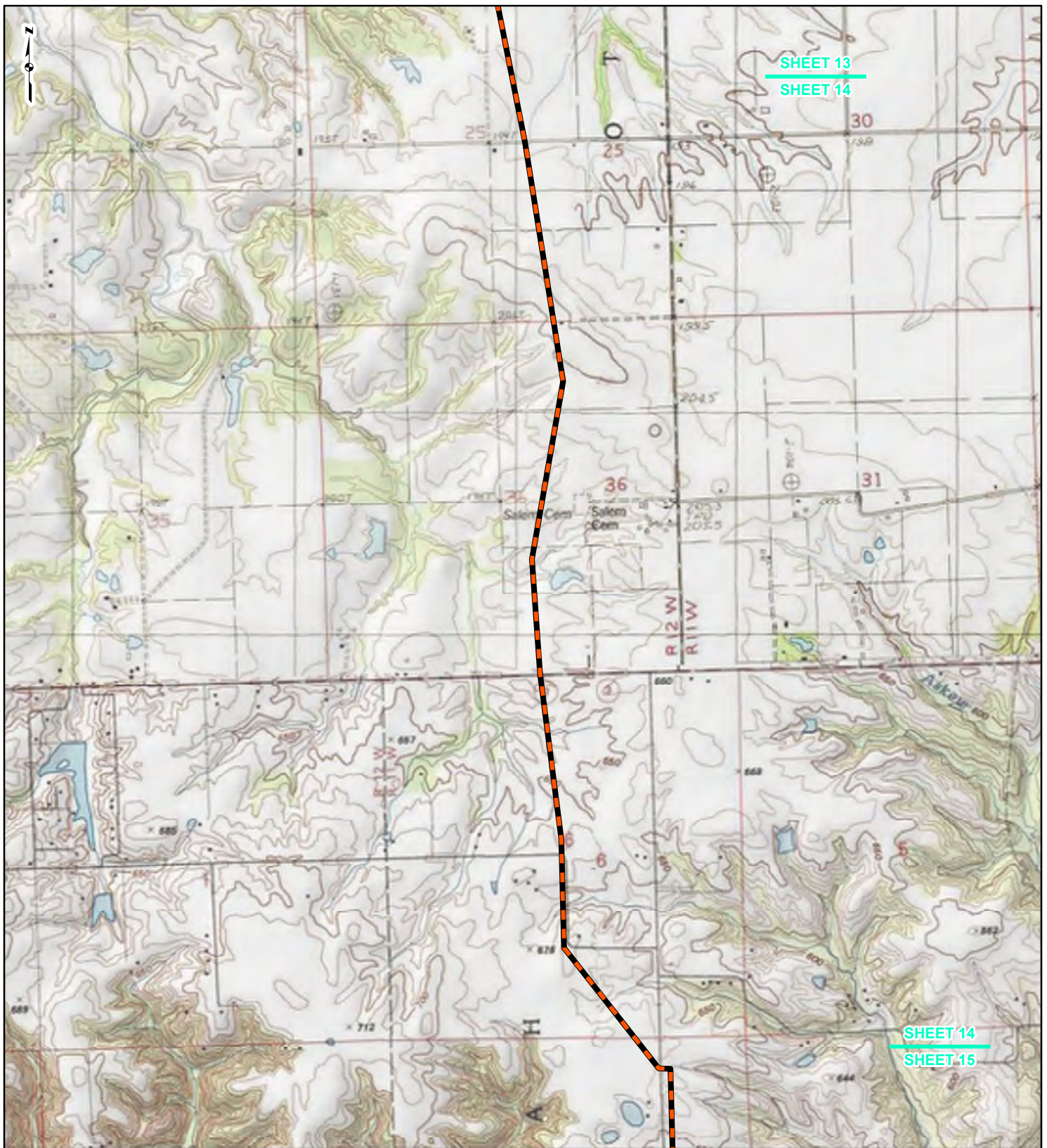


**FIGURE 1**  
**LOCATION MAP**  
**SHEET 13 OF 21**



DRAWN BY: PMH      DATE: 7/28/2016  
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 07/20/16.



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

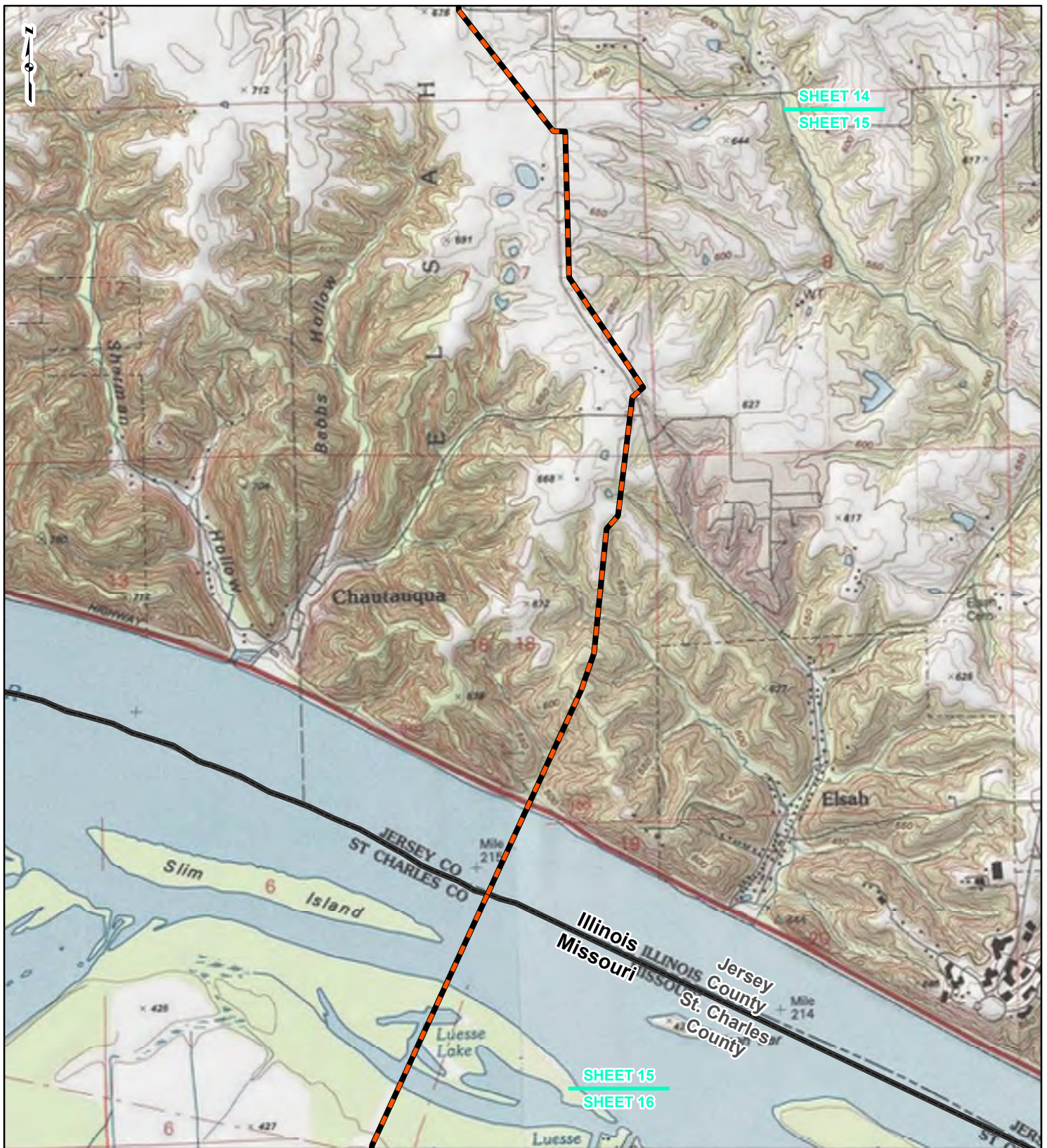
0      1,000      2,000      4,000  
Feet

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



DRAWN BY: PMH      DATE: 7/28/2016  
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 07/2016.



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

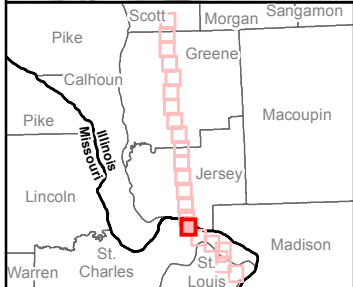
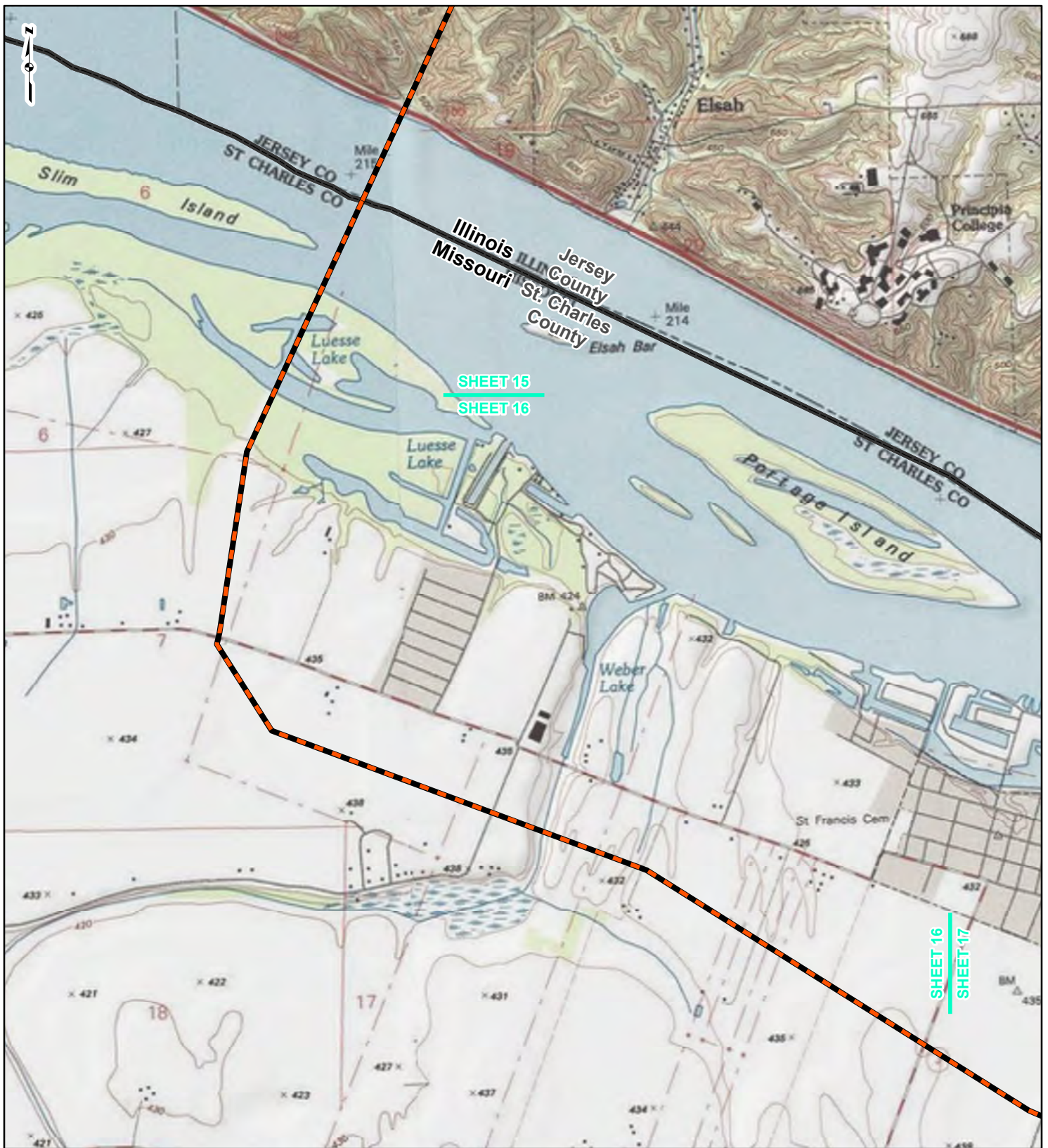
0      1,000      2,000      4,000  
Feet

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



DRAWN BY: PMH      DATE: 7/28/2016  
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 07/2016.



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

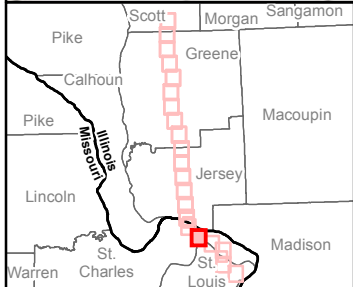
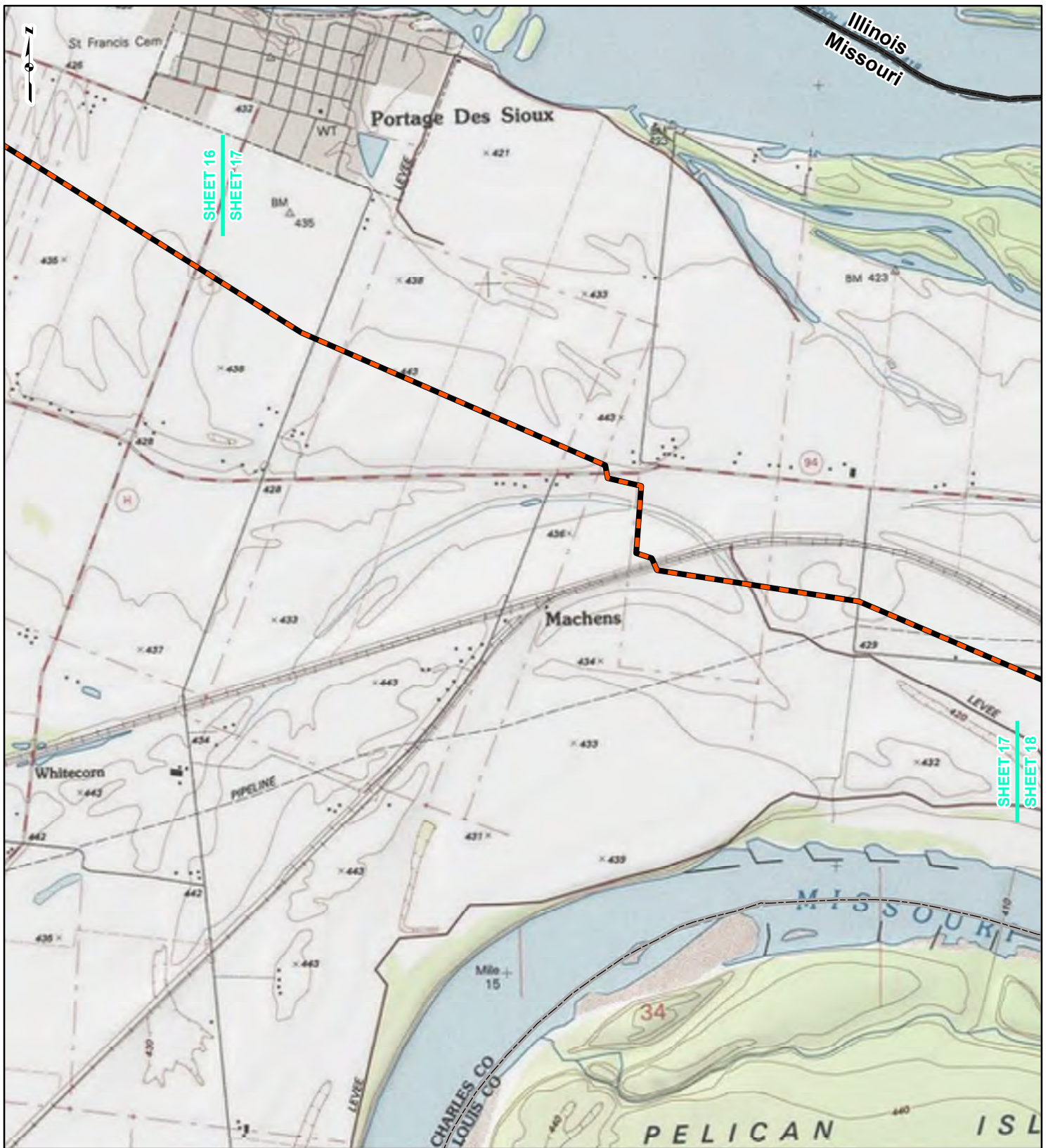
0      1,000      2,000      4,000  
Feet

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

**Spire STL Pipeline**

DRAWN BY: PMH      DATE: 7/28/2016  
 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 07/2016.



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

0      1,000      2,000      4,000  
Feet

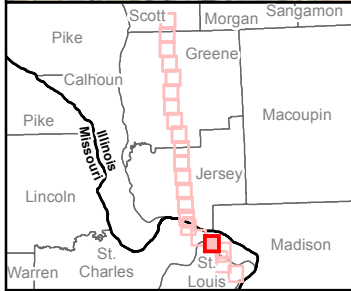
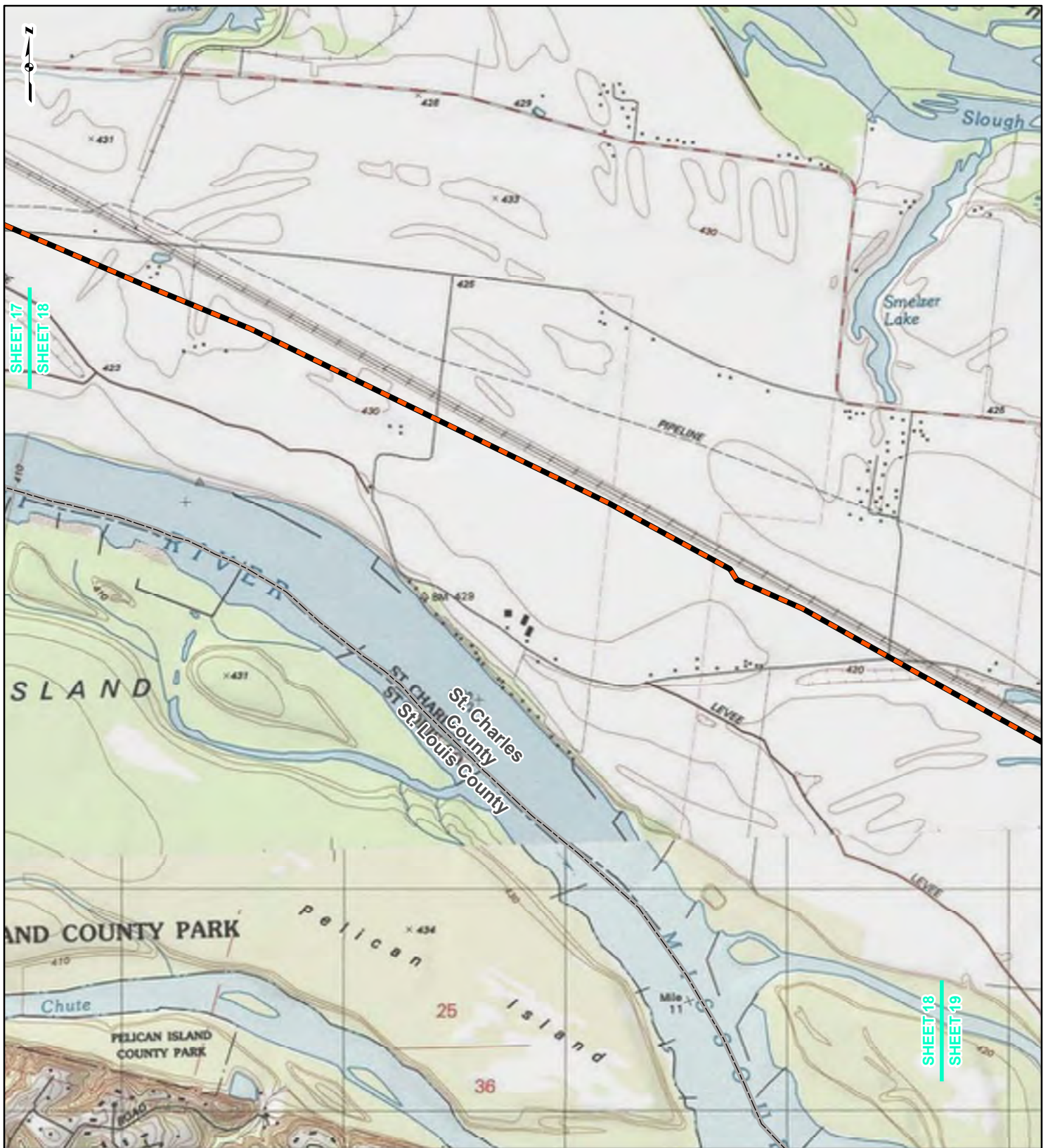
**FIGURE 1**  
**LOCATION MAP**  
**SHEET 17 OF 21**

**Spire STL Pipeline**

DRAWN BY: PMH      DATE: 7/28/2016  
 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 07/2016.





**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

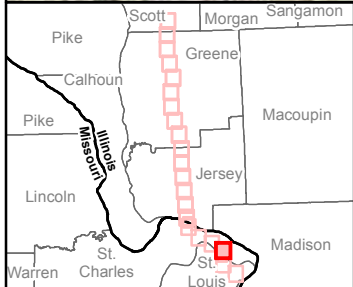
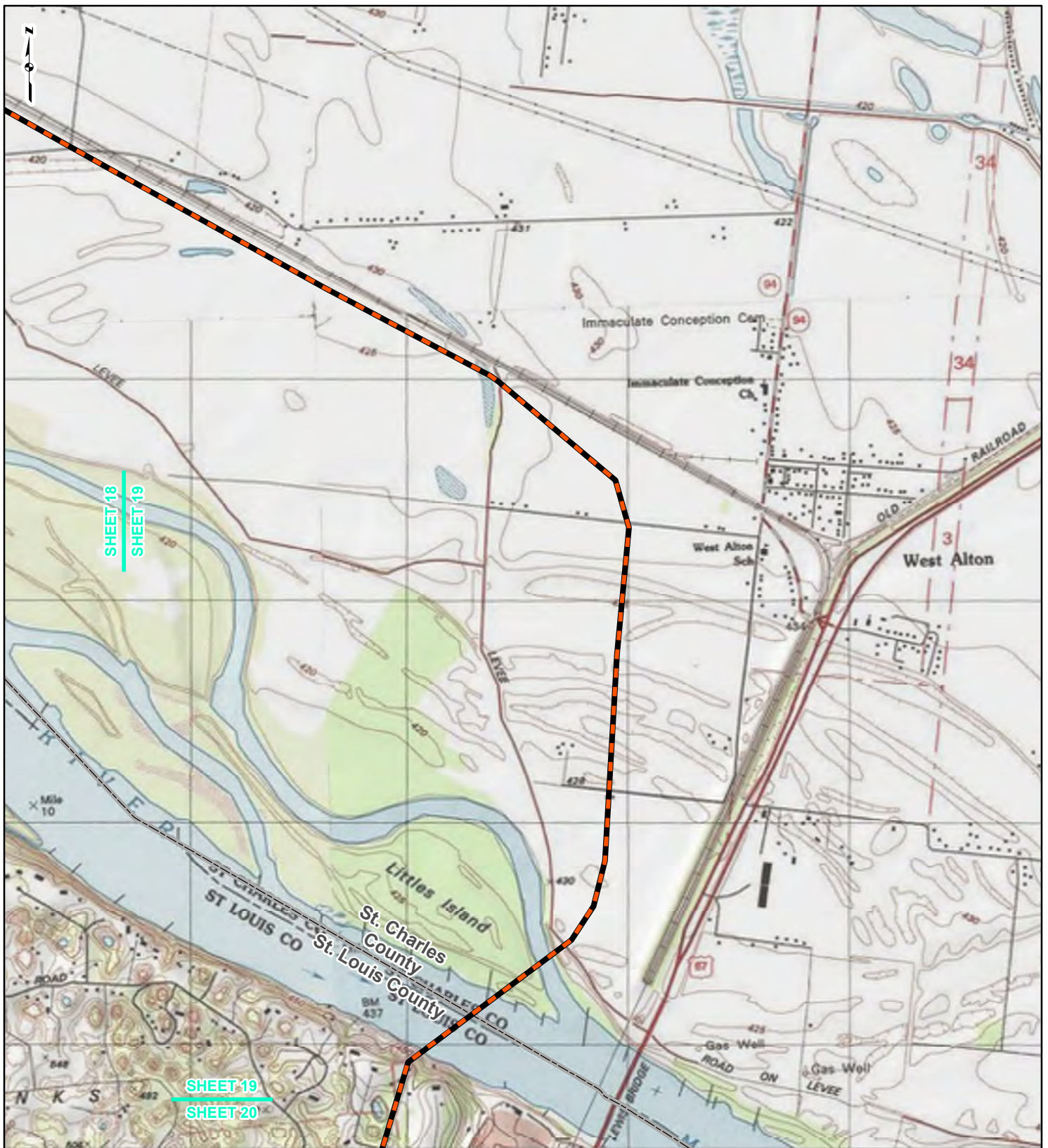
0      1,000      2,000      4,000  
Feet

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

**Spire STL Pipeline**

DRAWN BY: PMH      DATE: 7/28/2016  
 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 07/2016.



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

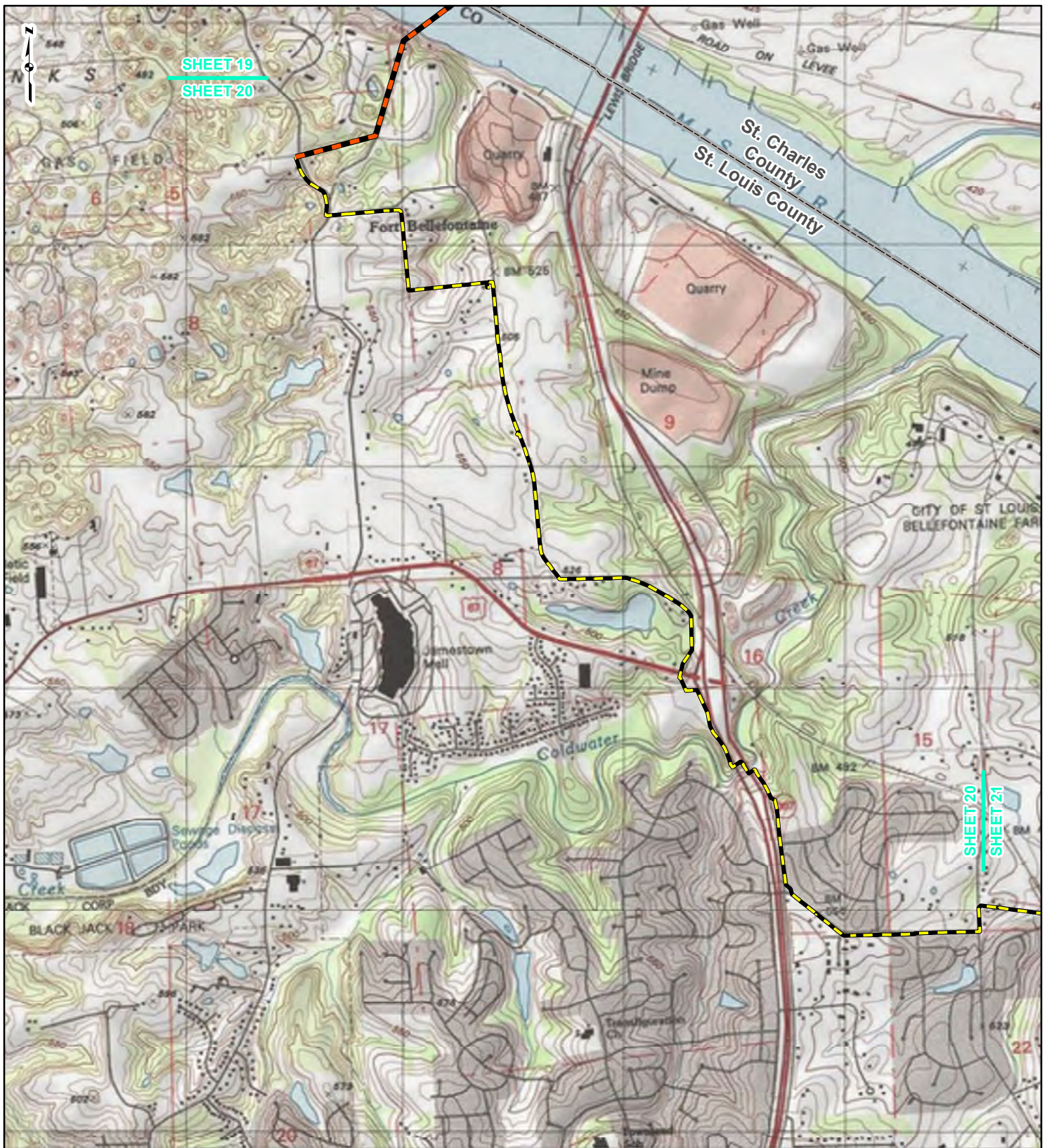
0      1,000      2,000      4,000  
Feet

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



DRAWN BY: PMH      DATE: 7/28/2016  
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 07/2016.



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

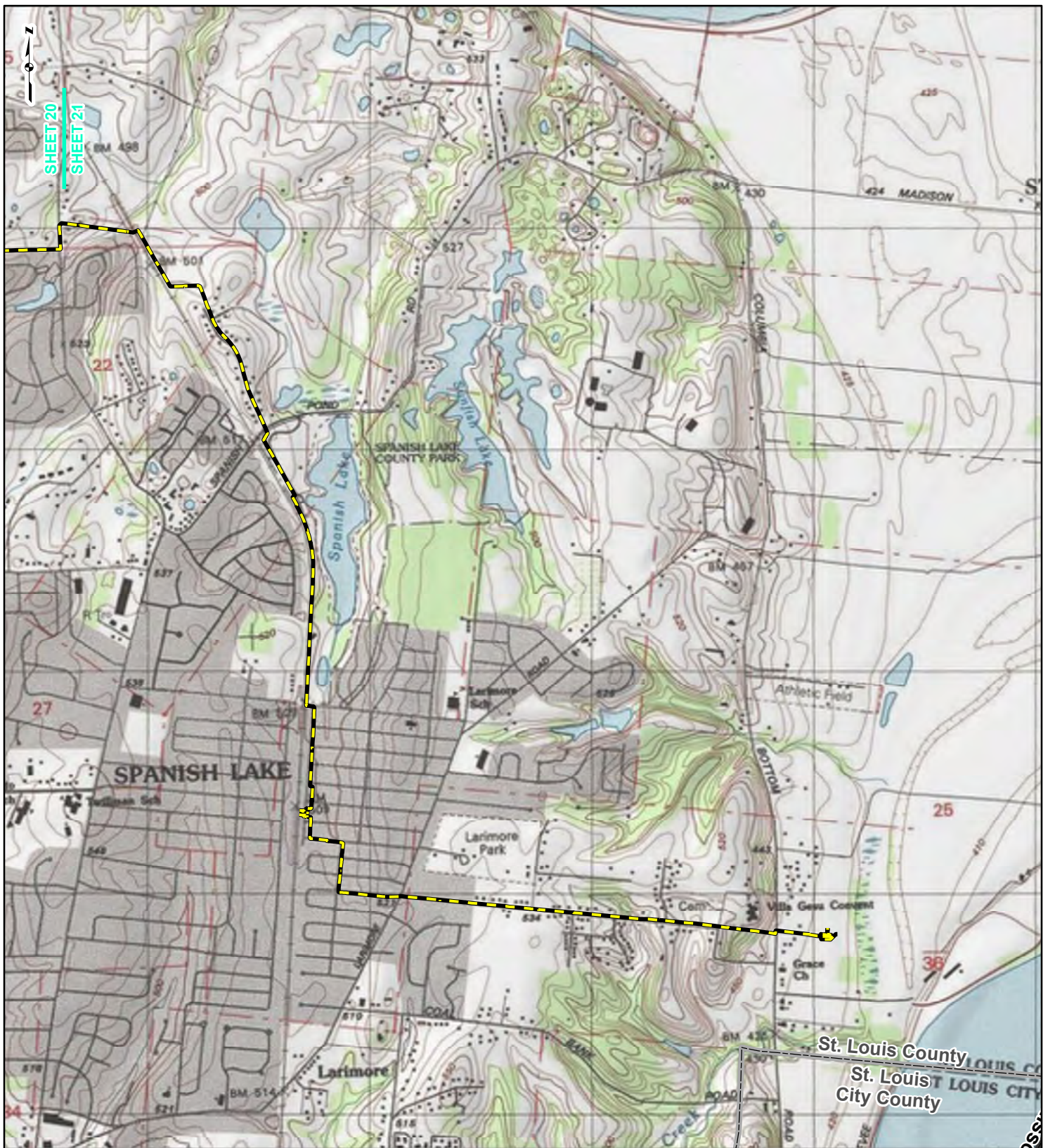
0      1,000      2,000      4,000  
Feet

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

Spire STL Pipeline

DRAWN BY: PMH      DATE: 7/28/2016  
 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 07/2016.



**LEGEND**

- NEW BUILD 24-INCH DIAMETER PIPELINE
- LINE 880 MODIFICATIONS
- STATE BOUNDARY
- COUNTY BOUNDARY

0      1,000      2,000      4,000  
Feet

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

**Spire STL Pipeline**

DRAWN BY: PMH      DATE: 7/28/2016  
 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 07/2016.