

Exhibit N. Calhoun Technology Park - South Site Natural Gas Infrastructure Upgrade Letter & Map



Calhoun Technology Park - South Site Natural Gas Infrastructure Upgrade Letter & Map

Calhoun Technology
Park - South Site
Ouachita Parish, LA

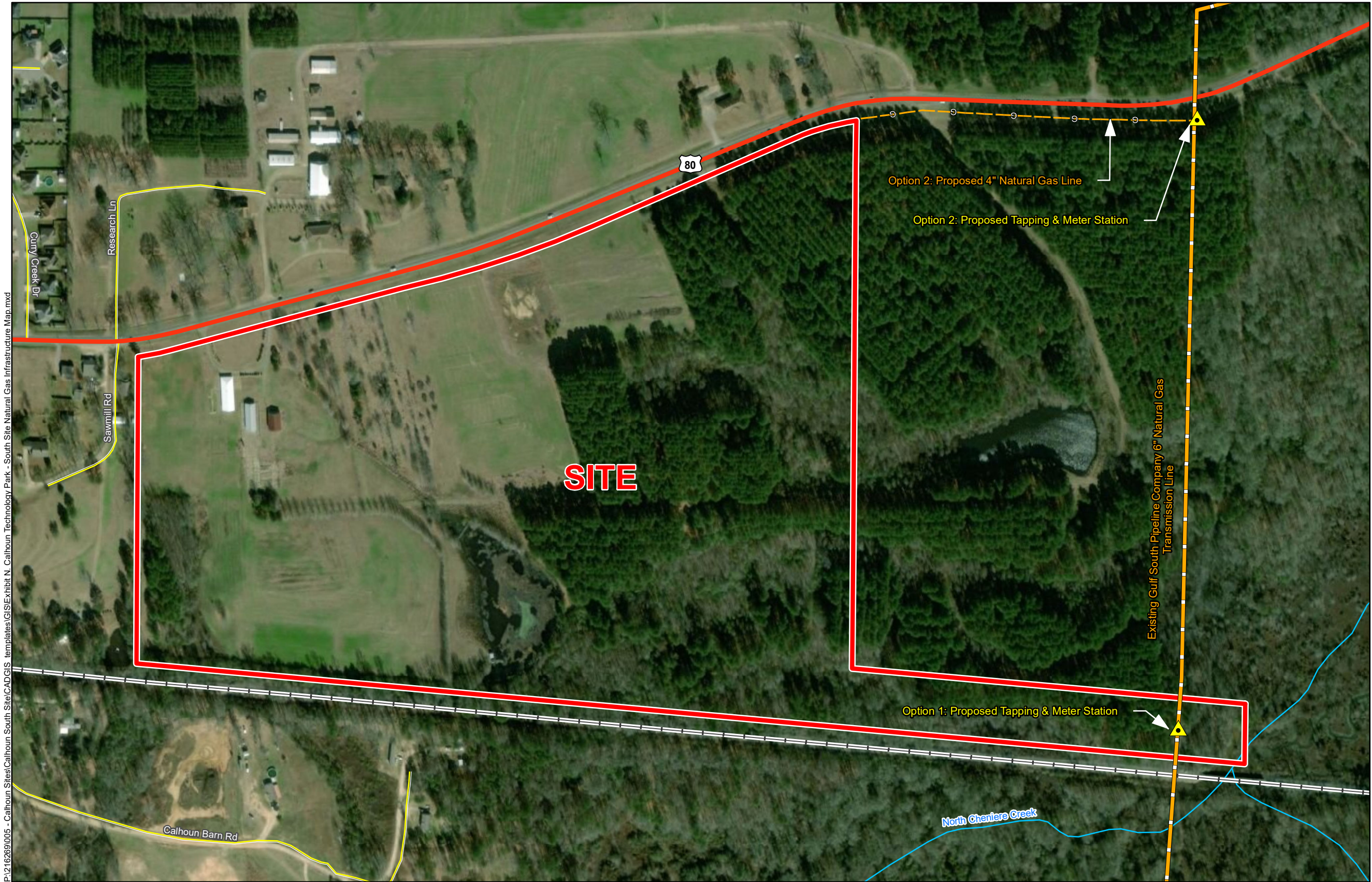
NLEP



LEGEND

- Site Boundary
- Proposed Tapping & Meter Station
- Proposed 4" Natural Gas Line
- Existing Gulf South Pipeline
- Company 6" Natural Gas Transmission Line
- Existing Roadway
 - US Highway
 - Local Roads
 - Railroad
 - Stream

P:\216269\005 - Calhoun Sites\Calhoun South Site\CAD\GIS templates\GIS\Exhibit N. Calhoun Technology Park - South Site Natural Gas Infrastructure Map.mxd



General Notes:

1. No attempt has been made by CSRS, Inc. to verify site boundary, title, actual legal ownership, deed restrictions, servitudes, easements, or other burdens on the property, other than that furnished by the client or his representative.
2. Transportation data from 2013 TIGER datasets via U.S. Census Bureau at <ftp://ftp2.census.gov/geo/tiger/TIGER2013>.
3. Utility information from visual inspection and/or the individual utility operators. Exact field location has not been determined by survey. The lines shown are an approximate representation only and may have been offset for depiction purposes.
4. 2015 aerial imagery from USDA-APFO National Agricultural Inventory Project (NAIP) and may not reflect current ground conditions.



Scale 1:4,000
0 210 420 Feet

north louisiana
economic partnership

Date:	2/20/2019
Project Number:	216269
Drawn By:	DWC
Checked By:	TMK

CSRS
IMAGINE SHAPE DELIVER
6767 Perkins Road Suite 200 Baton Rouge, LA 70808
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Calhoun Technology Park - South Site Natural Gas Infrastructure Upgrade Letter & Map



CSRS, INC.
6767 Perkins Road, Suite 200
Baton Rouge, Louisiana 70808
Phone: (225) 769-0546
Fax: (225) 767-0060

February 20, 2019

Ms. Liz Pierre
North Louisiana Economic Partnership
333 Texas Street, Suite 411
Shreveport, Louisiana 71101

Re. Calhoun Technology Park - South Site Natural Gas Distribution Service Line
CSRS Job No. 216269

Dear Ms. Pierre:

According to local utility officials, the Calhoun Technology Park - South Site located in Ouachita Parish, Louisiana does not have access to an existing natural gas distribution line to service the site. A natural gas transmission lines owned by Gulf South Pipeline Company exist on site and may be available for natural gas access.

Option 1 to provide a natural gas supply, the site would require the construction of a tapping station to tie in to one of the Gulf South Pipeline Company, Inc transmission gas lines. The construction cost of a proposed natural gas tapping station and is \$480,000. This cost can vary due to site pad location, crossing of any wetlands or roadways and line depths. Permission would have to be granted from Gulf South Pipeline Company, Inc to tie in to their transmission line.

Option 2 to provide a natural gas supply, the site would require the construction of a tapping station to tie in to one of the Gulf South Pipeline Company, Inc transmission gas line near U.S. Highway 80 and creation of a 1,136 foot 4-inch natural gas line to reach the site. The line can be installed within the existing right of way to avoid the need to acquire additional right of way. The construction cost of a proposed natural gas tapping station and is \$536,000. This cost can vary due to site pad location, crossing of any wetlands or roadways and line depths. Permission would have to be granted from Gulf South Pipeline Company, Inc to tie in to their transmission line.

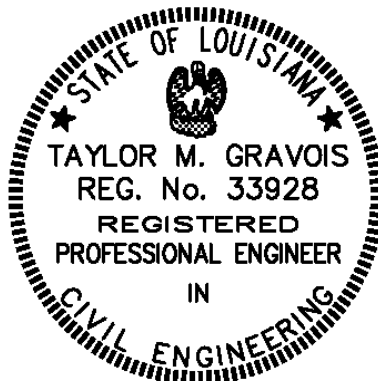
Please note this estimate does not include engineering, required rights of way, environmental impacts, or operation and maintenance costs. This cost estimate was prepared with the best information available at the time of certification. The actual costs can vary based on the availability of material, site conditions and labor availability. This plan can be executed within a reasonable timetable of 180 days or less based on preliminary engineering judgment.

Thank you for the opportunity to assist you in this project. Should you have any questions or require additional information, feel free to contact me.

Sincerely,

CSRS, Inc.

Taylor M. Gravois, PE, PLS



Calhoun South Site
Natural Gas Cost Estimate
Job No. 216269

Option 1: Rough Order of Magnitude Cost Estimate					
Item No.	Description	Unit	Est. Quantity	Unit Price	Extension
1	High Pressure Tap and Metering Station	Each	1	\$ 400,000.00	\$ 400,000.00
Subtotal:					\$ 400,000.00

20% Contingency₁: **x 1.20**

Rough Order of Magnitude (ROM):					\$ 480,000.00
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Option 2: Rough Order of Magnitude Cost Estimate					
Item No.	Description	Unit	Est. Quantity	Unit Price	Extension
1	High Pressure Tap and Metering Station	Each	1	\$ 400,000.00	\$ 400,000.00
2	4" HDPE Gas Main	L.F.	1,136	\$ 40.00	\$ 45,440.00
3	4" Plug Valves w/ Boxes	Each	1	\$ 1,150.00	\$ 1,150.00
Subtotal:					\$ 446,590.00
20% Contingency₁:					x 1.20

Rough Order of Magnitude (ROM):					\$ 536,000.00
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Footnotes:

- 1.) Does not include costs for engineering, permitting, or general project management.
- 2.) This cost estimate was prepared with the best information available at the time of certification.
- 3.) Actual costs can vary based on availability of material, site conditions, and labor.