

The United States Department of Transportation (USDOT)

Standard Title VI/Non-Discrimination Assurances

The _____ (herein referred to as the “Recipient”),
HEREBY AGREES THAT, as a condition to receiving any Federal financial assistance from the U.S. Department of Transportation (DOT), through the **Pipeline and Hazardous Materials Safety Administration** (PHMSA), is subject to, and will comply with, the following:

Statutory/Regulatory Authorities

- Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d *et seq.*, 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin);
- 49 C.F.R. Part 21 (entitled *Non-discrimination In Federally-Assisted Programs Of The Department Of Transportation—Effectuation Of Title VI Of The Civil Rights Act Of 1964*);
- 28 C.F.R. section 50.3 (U.S. Department of Justice Guidelines for Enforcement of Title VI of the Civil Rights Act of 1964);
- Section 504 of the Rehabilitation Act of 1973, (29 U.S.C. § 794 *et seq.*), as amended, (prohibits discrimination on the basis of disability); and 49 CFR Part 27;
- The Age Discrimination Act of 1975, as amended, (42 U.S.C. § 6101 *et seq.*), (prohibits discrimination on the basis of age);
- The Civil Rights Restoration Act of 1987, (PL 100-209), (Broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, The Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms “programs or activities” to include all of the programs or activities of the Federal-aid recipients, sub-recipients and contractors, whether such programs or activities are Federally funded or not);
- Titles II and III of the Americans with Disabilities Act, which prohibit discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 U.S.C. §§ 12131 – 12189) as implemented by Department of Transportation regulations at 49 C.F.R. parts 37 and 38;
- Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 U.S.C. 1681 *et seq.*).

The preceding statutory and regulatory cites hereinafter are referred to as the “Acts” and “Regulations,” respectively.

General Assurances

In accordance with the Acts, the Regulations, and other pertinent directives, circulars, policy, memoranda, and/or guidance, the Recipient hereby gives assurance that it will promptly take any measures necessary to ensure that:

*“No person in the United States shall, on the grounds of race, color, national origin, gender, age, or disability be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity,” for which the Recipient receives Federal financial assistance from DOT, including the **Pipeline and Hazardous Materials Safety Administration**.*

The Civil Rights Restoration Act of 1987 clarified the original intent of Congress, with respect to Title VI and other Non-discrimination requirements (The Age Discrimination Act of 1975, and Section 504 of the Rehabilitation Act of 1973), by restoring the broad, institutional-wide scope and coverage of these non-discrimination statutes and requirements to include all programs and activities of the Recipient, so long as any portion of the program is Federally assisted.

Specific Assurances

More specifically, and without limiting the above General Assurance, the Recipient agrees with and gives the following Assurances with respect to its Federally assisted

PHMSA Natural Gas Distribution Infrastructure Safety and Modernization (NGDISM) Grant:

1. The Recipient agrees that each “activity,” “facility,” or “program,” as defined in §§ 21.23 (b) and 21.23 (e) of 49 C.F.R. § 21 will be (with regard to an “activity”) facilitated or will be (with regard to a “facility”) operated, or will be (with regard to a “program”) conducted in compliance with all requirements imposed by, or pursuant to the Acts and the Regulations.
2. The Recipient will insert the following notification in all solicitations for bids, Requests For Proposals for work, or material subject to the Acts and the Regulations made in connection with all (***PHMSA NGDISM Grant***) and, in adapted form, in all proposals for negotiated agreements regardless of funding source:

“The _____, in accordance with the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 252, 42 U.S.C. §§ 2000d to 2000d-4) and the Regulations, hereby notifies all bidders that it will affirmatively ensure that with respect to any contract entered into pursuant to this advertisement, disadvantaged business enterprises will be afforded full and fair opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, or national origin in consideration for an award.”

3. The Recipient will insert the clauses of Appendix A and E of this Assurance in every contract or agreement subject to the Acts and the Regulations.
4. The Recipient will insert the clauses of Appendix B of this Assurance, as a covenant running with the land, in any deed from the United States effecting or recording a transfer of real property, structures, use, or improvements thereon or interest therein to a Recipient.
5. That where the Recipient receives Federal financial assistance to construct a facility, or part of a facility, the Assurance will extend to the entire facility and facilities operated in connection therewith.
6. That where the Recipient receives Federal financial assistance in the form, or for the acquisition of real property or an interest in real property, the Assurance will extend to rights to space on, over, or under such property.
7. That the Recipient will include the clauses set forth in Appendix C and Appendix D of this Assurance, as a covenant running with the land, in any future deeds, leases, licenses, permits, or similar instruments entered into by the Recipient with other parties:
 - a. for the subsequent transfer of real property acquired or improved under the applicable activity, project, or program; and
 - b. for the construction or use of, or access to, space on, over, or under real property acquired or improved under the applicable activity, project, or program.

8. That this Assurance obligates the Recipient for the period during which Federal financial assistance is extended to the program, except where the Federal financial assistance is to provide, or is in the form of, personal property, or real property, or interest therein, or structures or improvements thereon, in which case the Assurance obligates the Recipient, or any transferee for the longer of the following periods:
 - a. the period during which the property is used for a purpose for which the Federal financial assistance is extended, or for another purpose involving the provision of similar services or benefits; or
 - b. the period during which the Recipient retains ownership or possession of the property.
9. The Recipient will provide for such methods of administration for the program as are found by the Secretary of Transportation or the official to whom he/she delegates specific authority to give reasonable guarantee that it, other recipients, sub-recipients, sub-grantees, contractors, subcontractors, consultants, transferees, successors in interest, and other participants of Federal financial assistance under such program will comply with all requirements imposed or pursuant to the Acts, the Regulations, and this Assurance.
10. The Recipient agrees that the United States has a right to seek judicial enforcement with regard to any matter arising under the Acts, the Regulations, and this Assurance.

By signing this ASSURANCE, the Recipient also agrees to comply (and require any sub-recipients, sub-grantees, contractors, successors, transferees, and/or assignees to comply) with all applicable provisions governing the PHMSA access to records, accounts, documents, information, facilities, and staff. You also recognize that you must comply with any program or compliance reviews, and/or complaint investigations conducted by PHMSA. You must keep records, reports, and submit the material for review upon request to PHMSA, or its designee in a timely, complete, and accurate way. Additionally, you must comply with all other reporting, data collection, and evaluation requirements, as prescribed by law or detailed in program guidance.

The Recipient gives this ASSURANCE in consideration of and for obtaining any Federal grants, loans, contracts, agreements, property, and/or discounts, or other Federal-aid and Federal financial assistance extended after the date hereof to the recipients by the U.S. Department of Transportation under the (PHMSA NGDISM Grant). This ASSURANCE is binding on _____, other recipients, sub-recipients, sub-grantees, contractors, subcontractors and their subcontractors', transferees, successors in interest, and any other participants in the (PHMSA NGDISM Grant). The person(s) signing below is authorized to sign this ASSURANCE on behalf of the Recipient.

(Name of Recipient)

by _____
(Signature of Authorized Official)

DATED _____

these appendices are for your use, you do not need to fill out and return

APPENDIX A

During the performance of this contract, the contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the “contractor”) agrees as follows:

1. **Compliance with Regulations:** The contractor (hereinafter includes consultants) will comply with the Acts and the Regulations relative to Non-discrimination in Federally-assisted programs of the U.S. Department of Transportation, *Pipeline and Hazardous Materials Safety Administration*, as they may be amended from time to time, which are herein incorporated by reference and made a part of this contract.
2. **Non-discrimination:** The contractor, with regard to the work performed by it during the contract, will not discriminate on the grounds of race, color, or national origin in the selection and retention of subcontractors, including procurements of materials and leases of equipment. The contractor will not participate directly or indirectly in the discrimination prohibited by the Acts and the Regulations, including employment practices when the contract covers any activity, project, or program set forth in Appendix B of 49 CFR Part 21.
3. **Solicitations for Subcontracts, Including Procurements of Materials and Equipment:** In all solicitations, either by competitive bidding, or negotiation made by the contractor for work to be performed under a subcontract, including procurements of materials, or leases of equipment, each potential subcontractor or supplier will be notified by the contractor of the contractor’s obligations under this contract and the Acts and the Regulations relative to Non-discrimination on the grounds of race, color, or national origin.
4. **Information and Reports:** The contractor will provide all information and reports required by the Acts, the Regulations, and directives issued pursuant thereto and will permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the Recipient or the *Pipeline and Hazardous Materials Safety Administration* to be pertinent to ascertain compliance with such Acts, Regulations, and instructions. Where any information required of a contractor is in the exclusive possession of another who fails or refuses to furnish the information, the contractor will so certify to the Recipient or the *Pipeline and Hazardous Materials Safety Administration*, as appropriate, and will set forth what efforts it has made to obtain the information.
5. **Sanctions for Noncompliance:** In the event of a contractor’s noncompliance with the Non-discrimination provisions of this contract, the Recipient will impose such contract sanctions as it or the *Pipeline and Hazardous Materials Safety Administration* may determine to be appropriate, including, but not limited to:
 - a. withholding payments to the contractor under the contract until the contractor complies; and/or
 - b. cancelling, terminating, or suspending a contract, in whole or in part.
6. **Incorporation of Provisions:** The contractor will include the provisions of paragraphs one through six in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Acts, the Regulations and directives issued pursuant thereto. The contractor will take action with respect to any subcontract or procurement

as the Recipient or the **Pipeline and Hazardous Materials Safety Administration** may direct as a means of enforcing such provisions including sanctions for noncompliance. Provided, that if the contractor becomes involved in, or is threatened with litigation by a subcontractor, or supplier because of such direction, the contractor may request the Recipient to enter into any litigation to protect the interests of the Recipient. In addition, the contractor may request the United States to enter into the litigation to protect the interests of the United States.

APPENDIX B

CLAUSES FOR DEEDS TRANSFERRING UNITED STATES PROPERTY

The following clauses will be included in deeds effecting or recording the transfer of real property, structures, or improvements thereon, or granting interest therein from the United States pursuant to the provisions of Assurance 4:

NOW, THEREFORE, the U.S. Department of Transportation as authorized by law and upon the condition that the _____ will accept title to the lands and maintain the project constructed thereon in accordance with (The Infrastructure Investment and Jobs Act (IIJA) (Pub. L. 117-58)), the Regulations for the Administration of (*Natural Gas Distribution Infrastructure Safety and Modernization Grant Program*), and the policies and procedures prescribed by the *Pipeline and Hazardous Materials Safety Administration* of the U.S. Department of Transportation in accordance and in compliance with all requirements imposed by Title 49, Code of Federal Regulations, U.S. Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Non-discrimination in Federally-assisted programs of the U.S. Department of Transportation pertaining to and effectuating the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 252; 42 U.S.C. § 2000d to 2000d-4), does hereby remise, release, quitclaim and convey unto the _____ all the right, title and interest of the U.S. Department of Transportation in and to said lands described in Exhibit A attached hereto and made a part hereof.

(HABENDUM CLAUSE)

TO HAVE AND TO HOLD said lands and interests therein unto _____ and its successors forever, subject, however, to the covenants, conditions, restrictions and reservations herein contained as follows, which will remain in effect for the period during which the real property or structures are used for a purpose for which Federal financial assistance is extended or for another purpose involving the provision of similar services or benefits and will be binding on the _____, its successors and assigns.

The _____, in consideration of the conveyance of said lands and interests in lands, does hereby covenant and agree as a covenant running with the land for itself, its successors and assigns, that (1) no person will on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination with regard to any facility located wholly or in part on, over, or under such lands hereby conveyed [,] [and]*

(2) that the _____ will use the lands and interests in lands and interests in lands so conveyed, in compliance with all requirements imposed by or pursuant to Title 49, Code of Federal Regulations, U.S. Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Non-discrimination in Federally-assisted programs of the U.S. Department of Transportation, Effectuation of Title VI of the Civil Rights Act of 1964, and as said Regulations and Acts may be amended[, and (3) that in the event of breach of any of the above-mentioned non-discrimination conditions, the Department will have a right to enter or re-enter said lands and facilities on said land, and that above described land and facilities will thereon revert to and vest in and become the absolute property of the U.S. Department of Transportation and its assigns as such interest existed prior to this instruction].* (*Reverter clause and related language to be used only when it is determined that such a clause is necessary in order to make clear the purpose of Title VI.)

APPENDIX C

CLAUSES FOR TRANSFER OF REAL PROPERTY ACQUIRED OR IMPROVED UNDER THE ACTIVITY, FACILITY, OR PROGRAM

The following clauses will be included in deeds, licenses, leases, permits, or similar instruments entered into by the _____ pursuant to the provisions of Assurance 7(a):

- A. The (grantee, lessee, permittee, etc. as appropriate) for himself/herself, his/her heirs, personal representatives, successors in interest, and assigns, as a part of the consideration hereof, does hereby covenant and agree [in the case of deeds and leases add “as a covenant running with the land”] that:
1. In the event facilities are constructed, maintained, or otherwise operated on the property described in this (deed, license, lease, permit, etc.) for a purpose for which a U.S. Department of Transportation activity, facility, or program is extended or for another purpose involving the provision of similar services or benefits, the (grantee, licensee, lessee, permittee, etc.) will maintain and operate such facilities and services in compliance with all requirements imposed by the Acts and Regulations (as may be amended) such that no person on the grounds of race, color, or national origin, will be excluded from participation in, denied the benefits of, or be otherwise subjected to discrimination in the use of said facilities.
- B. With respect to licenses, leases, permits, etc., in the event of breach of any of the above Non-discrimination covenants, _____ will have the right to terminate the (lease, license, permit, etc.) and to enter, re-enter, and repossess said lands and facilities thereon, and hold the same as if the (lease, license, permit, etc.) had never been made or issued.*
- C. With respect to a deed, in the event of breach of any of the above Non-discrimination covenants, the _____ will have the right to enter or re-enter the lands and facilities thereon, and the above described lands and facilities will there upon revert to and vest in and become the absolute property of the _____ and its assigns.*(*Reverter clause and related language to be used only when it is determined that such a clause is necessary to make clear the purpose of Title VI.

APPENDIX D

CLAUSES FOR CONSTRUCTION/USE/ACCESS TO REAL PROPERTY ACQUIRED UNDER THE ACTIVITY, FACILITY OR PROGRAM

The following clauses will be included in deeds, licenses, permits, or similar instruments/agreements entered into by _____ pursuant to the provisions of Assurance 7(b):

- A. The (grantee, licensee, permittee, etc., as appropriate) for himself/herself, his/her heirs, personal representatives, successors in interest, and assigns, as a part of the consideration hereof, does hereby covenant and agree (in the case of deeds and leases add, “as a covenant running with the land”) that (1) no person on the ground of race, color, or national origin, will be excluded from participation in, denied the benefits of, or be otherwise subjected to discrimination in the use of said facilities, (2) that in the construction of any improvements on, over, or under such land, and the furnishing of services thereon, no person on the ground of race, color, or national origin, will be excluded from participation in, denied the benefits of, or otherwise be subjected to discrimination, (3) that the (grantee, licensee, lessee, permittee, etc.) will use the premises in compliance with all other requirements imposed by or pursuant to the Acts and Regulations, as amended, set forth in this Assurance.
- B. With respect to (licenses, leases, permits, etc.), in the event of breach of any of the above Non-discrimination covenants, _____ will have the right to terminate the (license, permit, etc., as appropriate) and to enter or re-enter and repossess said land and the facilities thereon, and hold the same as if said (license, permit, etc., as appropriate) had never been made or issued.*
- C. With respect to deeds, in the event of breach of any of the above Non-discrimination covenants, _____ will there upon revert to and vest in and become the absolute property of _____ and its assigns.*

(*Reverter clause and related language to be used only when it is determined that such a clause is necessary to make clear the purpose of Title VI.)

APPENDIX E

During the performance of this contract, the contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the “contractor”) agrees to comply with the following non-discrimination statutes and authorities; including but not limited to:

Pertinent Non-Discrimination Authorities:

- Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d *et seq.*, 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin); and 49 CFR Part 21.
- The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 U.S.C. § 4601), (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects);
- Federal-Aid Highway Act of 1973, (23 U.S.C. § 324 *et seq.*), (prohibits discrimination on the basis of sex);
- Section 504 of the Rehabilitation Act of 1973, (29 U.S.C. § 794 *et seq.*), as amended, (prohibits discrimination on the basis of disability); and 49 CFR Part 27;
- The Age Discrimination Act of 1975, as amended, (42 U.S.C. § 6101 *et seq.*), (prohibits discrimination on the basis of age);
- Airport and Airway Improvement Act of 1982, (49 USC § 471, Section 47123), as amended, (prohibits discrimination based on race, creed, color, national origin, or sex);
- The Civil Rights Restoration Act of 1987, (PL 100-209), (Broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, The Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms “programs or activities” to include all of the programs or activities of the Federal-aid recipients, sub-recipients and contractors, whether such programs or activities are Federally funded or not);
- Titles II and III of the Americans with Disabilities Act, which prohibit discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 U.S.C. §§ 12131 – 12189) as implemented by Department of Transportation regulations at 49 C.F.R. parts 37 and 38;
- The Federal Aviation Administration’s Non-discrimination statute (49 U.S.C. § 47123) (prohibits discrimination on the basis of race, color, national origin, and sex);
- Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, which ensures nondiscrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations;
- Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of limited English proficiency (LEP). To ensure compliance with Title VI, you must take reasonable steps to ensure that LEP persons have meaningful access to your programs (70 Fed. Reg. at 74087 to 74100);
- Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 U.S.C. 1681 *et seq.*).

Natural Gas System Infrastructure Improvements - Phase III
City of Donaldsonville, Louisiana

BUDGET NARRATIVE ATTACHMENT FORM

The following section outlines and explains the budget for the Project. All funds will be used for activities specific to this project.

Task 1: Grant Administration

Estimated Funding Amount: \$1,660,000.00

Funding Source: FY 2022 Natural Gas Distribution Infrastructure Safety and Modernization (NGDISM)

The budget associated with this task reflects the anticipated level of effort for grant administration throughout the 36-month period of performance for this project. The City of Donaldsonville (the "City") has competitively procured contractual support (R3, LLC) to oversee administrative compliance activities related to this project, which may include activities such as required reporting, financial oversight, documentation of procurement compliance, documentation of environmental compliance, and documentation of applicable labor standards compliance, and other related services as requested by the City. Procurement was conducted in accordance with 2 CFR 200.320(b)(2) - Proposals. Administrative fees were estimated based on 5% of total project costs.

a. Personnel – Estimated	\$0.00
b. Fringe – Estimated	\$0.00
c. Travel – Estimated	\$0.00
d. Equipment – Estimated	\$0.00
e. Supplies – Estimated	\$0.00
f. Contractual Costs (Estimated 5%) –	\$1,660,000.00
g. Other – Estimated	\$0.00
h. Indirect Costs – Estimated	\$0.00

Task 2: Engineering

Estimated Funding Amount: \$2,135,000.00

Funding Source: FY 2022 Natural Gas Distribution Infrastructure Safety and Modernization (NGDISM)

The budget associated with this task reflects the anticipated level of effort for professional design services of an engineering nature that must be performed or approved by a licensed engineer in the State of Louisiana. This task includes construction-phase engineering services, bidding and construction procurement activities, and closeout of the construction contract; as such, activity under this task is expected throughout the 36-month period of performance for this project. The City of Donaldsonville (the "City") has competitively procured contractual support (McKim & Creed) to perform professional engineering activities, which may include activities such as required research, planning, development, and design necessary for construction activities. Procurement was conducted in accordance with 2 CFR 200.320(b)(2)(iv). Engineering design fees were estimated based on 7.5% of estimated construction costs.

a. Personnel – Estimated	\$0.00
b. Fringe – Estimated	\$0.00
c. Travel – Estimated	\$0.00

d. Equipment – Estimated	\$0.00
e. Supplies – Estimated	\$0.00
f. Contractual Costs (Estimated 7.5%) –	\$2,135,000.00
g. Other – Estimated	\$0.00
h. Indirect Costs – Estimated	\$0.00

Task 3: Other Engineering

Estimated Funding Amount: \$387,500.00

Funding Source: FY 2022 Natural Gas Distribution Infrastructure Safety and Modernization (NGDISM)

The budget associated with this task reflects the anticipated level of effort for professional services of an engineering nature in addition to engineering design services. Other Engineering may include activities such as studies, investigations, surveying and mapping, tests, evaluations, consultations, comprehensive planning, program management, conceptual designs, plans and specifications, value engineering, construction phase services, soils engineering, drawing reviews, preparation of operating and maintenance manuals, and other related services as requested by the City; as such, activity under this task is expected throughout the 36-month period of performance for this project. The City of Donaldsonville (the "City") has competitively procured contractual support (McKim & Creed) to perform all project engineering-related activities in accordance with 2 CFR 200.320(b)(2)(iv). Other Engineering Fees were based on the Engineer's Opinion of Probable Cost, which was developed based on experience with projects of similar size and scope.

a. Personnel – Estimated	\$0.00
b. Fringe – Estimated	\$0.00
c. Travel – Estimated	\$0.00
d. Equipment – Estimated	\$0.00
e. Supplies – Estimated	\$0.00
f. Contractual Costs – Estimated	\$387,500.00
Permitting	\$ 42,500.00
Survey	\$ 230,000.00
Geotechnical	\$ 30,000.00
Hydraulic Modeling	\$ 85,000.00
g. Other – Estimated	\$0.00
h. Indirect Costs – Estimated	\$0.00

Task 4: Project Inspection Fees

Estimated Funding Amount: \$436,800.00

Funding Source: FY 2022 Natural Gas Distribution Infrastructure Safety and Modernization (NGDISM)

The budget associated with this task reflects the anticipated level of effort for construction-phase Project Inspection Services (i.e., Resident Project Representative or RPR). The RPR will on-site during construction activities to ensure that the project is built in accordance with the designs and specifications developed during project planning. The RPR will be overseen by a licensed engineer with necessary expertise and experience in projects of similar size and scope. This task is expected to occur concurrently with construction activities (Award + 18 Months through Construction Completion). The City of Donaldsonville (the "City") has competitively procured contractual support (McKim & Creed) to perform all project engineering-related activities in accordance with 2 CFR 200.320(b)(2)(iv). Other Engineering Fees were estimated based on 1.5% of estimated construction costs.

- a. Personnel – Estimated \$0.00
- b. Fringe – Estimated \$0.00
- c. Travel – Estimated \$0.00
- d. Equipment – Estimated \$0.00
- e. Supplies – Estimated \$0.00
- f. Contractual Costs (Estimated 1.5%) – \$436,800.00**
- g. Other – Estimated \$0.00
- h. Indirect Costs – Estimated \$0.00

Task 5: Construction

Estimated Funding Amount: \$28,573,342.00

Funding Source: FY 2022 Natural Gas Distribution Infrastructure Safety and Modernization (NGDISM)

The budget associated with this task reflects the anticipated level of effort to complete construction activities for Natural Gas System Infrastructure Improvements - Phase III in the City of Donaldsonville, Louisiana, as described in the Project Narrative. Budget estimates were developed by McKim & Creed based upon preliminary engineering estimates and knowledge of projects of similar size and scope. Procurement for activities in this task will be performed in accordance with applicable federal procurement standards.

- a. Personnel – Estimated \$0.00
- b. Fringe – Estimated \$0.00
- c. Travel – Estimated \$0.00
- d. Equipment – Estimated \$0.00
- e. Supplies – Estimated \$0.00
- f. Contractual Costs – Estimated \$28,573,342.00**
See "Attachment C: Detailed Project Budget and Opinion of Probable Cost"
for detailed construction cost estimates.
- g. Other – Estimated \$0.00
- h. Indirect Costs – Estimated \$0.00

Task 6: Equipment

Estimated Funding Amount: \$70,000.00

Funding Source: FY 2022 Natural Gas Distribution Infrastructure Safety and Modernization (NGDISM)

The budget associated with this task reflects the estimated cost to purchase a E50 R2-Series Bobcat Compact Excavator for City use in post-construction maintenance and repairs. Budget estimates are based on quoted costs; see "Attachment C: Detailed Project Budget and Opinion of Probable Cost" for cost documentation. The attached quote was made for the purpose of budget estimates only; procurement of equipment will be performed in accordance with applicable federal procurement standards.

a. Personnel – Estimated \$0.00

b. Fringe – Estimated \$0.00

c. Travel – Estimated \$0.00

d. Equipment – Estimated \$70,000.00

See "*Attachment C: Detailed Project Budget and Opinion of Probable Cost*"
for detailed equipment cost estimates.

e. Supplies – Estimated \$0.00

f. Contractual Costs – Estimated \$0.00

g. Other – Estimated \$0.00

h. Indirect Costs – Estimated \$0.00

ATTACHMENTS FORM

Instructions: On this form, you will attach the various files that make up your grant application. Please consult with the appropriate Agency Guidelines for more information about each needed file. Please remember that any files you attach must be in the document format and named as specified in the Guidelines.

Important: Please attach your files in the proper sequence. See the appropriate Agency Guidelines for details.

1) Please attach Attachment 1	1241-DonaldsonvilleGrantFY 20	Add Attachment	Delete Attachment	View Attachment
2) Please attach Attachment 2		Add Attachment	Delete Attachment	View Attachment
3) Please attach Attachment 3		Add Attachment	Delete Attachment	View Attachment
4) Please attach Attachment 4		Add Attachment	Delete Attachment	View Attachment
5) Please attach Attachment 5		Add Attachment	Delete Attachment	View Attachment
6) Please attach Attachment 6		Add Attachment	Delete Attachment	View Attachment
7) Please attach Attachment 7		Add Attachment	Delete Attachment	View Attachment
8) Please attach Attachment 8		Add Attachment	Delete Attachment	View Attachment
9) Please attach Attachment 9		Add Attachment	Delete Attachment	View Attachment
10) Please attach Attachment 10		Add Attachment	Delete Attachment	View Attachment
11) Please attach Attachment 11		Add Attachment	Delete Attachment	View Attachment
12) Please attach Attachment 12		Add Attachment	Delete Attachment	View Attachment
13) Please attach Attachment 13		Add Attachment	Delete Attachment	View Attachment
14) Please attach Attachment 14		Add Attachment	Delete Attachment	View Attachment
15) Please attach Attachment 15		Add Attachment	Delete Attachment	View Attachment

Budget Narrative File(s)

* **Mandatory Budget Narrative Filename:**

[Add Mandatory Budget Narrative](#)

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To add more Budget Narrative attachments, please use the attachment buttons below.

[Add Optional Budget Narrative](#)

[Delete Optional Budget Narrative](#)

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CERTIFICATION REGARDING LOBBYING

Certification for Contracts, Grants, Loans, and Cooperative Agreements

The undersigned certifies, to the best of his or her knowledge and belief, that:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities," in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

Statement for Loan Guarantees and Loan Insurance

The undersigned states, to the best of his or her knowledge and belief, that:

If any funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this commitment providing for the United States to insure or guarantee a loan, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities," in accordance with its instructions. Submission of this statement is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required statement shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

* APPLICANT'S ORGANIZATION

City of Donaldsonville, Louisiana

* PRINTED NAME AND TITLE OF AUTHORIZED REPRESENTATIVE

Prefix: Mr. * First Name: Ronald Middle Name: J
* Last Name: Artigues Suffix:
* Title: Grant Admin.

* SIGNATURE: Ronald J Artigues

* DATE: 08/08/2022

Project Narrative File(s)

* **Mandatory Project Narrative File Filename:**

[Add Mandatory Project Narrative File](#)

[Delete Mandatory Project Narrative File](#)

[View Mandatory Project Narrative File](#)

To add more Project Narrative File attachments, please use the attachment buttons below.

[Add Optional Project Narrative File](#)

[Delete Optional Project Narrative File](#)

[View Optional Project Narrative File](#)

Application for Federal Assistance SF-424

* 1. Type of Submission:

- ☐ Preapplication
☒ Application
☐ Changed/Corrected Application

* 2. Type of Application:

- ☒ New
☐ Continuation
☐ Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received:

08/08/2022

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: City of Donaldsonville, Louisiana

* b. Employer/Taxpayer Identification Number (EIN/TIN):

726000345

* c. UEI:

G3MCG1K8FQM6

d. Address:

* Street1: 609 Railroad Avenue

Street2:

* City: Donaldsonville

County/Parish: Ascension

* State: LA: Louisiana

Province:

* Country: USA: UNITED STATES

* Zip / Postal Code: 70346-0346

e. Organizational Unit:

Department Name:

Natural Gas Department

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:

Mr.

* First Name:

Ronald

Middle Name:

J

* Last Name:

Artigues

Suffix:

Title: Grant Admin.

Organizational Affiliation:

City of Donaldsonville

* Telephone Number: 228-493-5587

Fax Number:

* Email: RArtigues@aol.com

Application for Federal Assistance SF-424

* 9. Type of Applicant 1: Select Applicant Type:

C: City or Township Government

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

* 10. Name of Federal Agency:

Pipeline and Hazardous Materials Safety Admin

11. Catalog of Federal Domestic Assistance Number:

20.708

CFDA Title:

Natural Gas Distribution Infrastructure Safety and Modernization Grant Program

* 12. Funding Opportunity Number:

693JK322NF0018

* Title:

FY 2022 Natural Gas Distribution Infrastructure Safety and Modernization Grant

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

1240-Areas Affected - Donaldsonville.pdf

Add Attachment

Delete Attachment

View Attachment

* 15. Descriptive Title of Applicant's Project:

City of Donaldsonville Natural Gas System Infrastructure Improvement Phase III

Attach supporting documents as specified in agency instructions.

Add Attachments

Delete Attachments

View Attachments

Application for Federal Assistance SF-424**16. Congressional Districts Of:**

* a. Applicant LA-002

* b. Program/Project LA-002

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment

Delete Attachment

View Attachment

17. Proposed Project:

* a. Start Date: 03/01/2023

* b. End Date: 02/28/2026

18. Estimated Funding (\$):

* a. Federal	33,262,642.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	33,262,642.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

- ☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .
- ☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.
- ☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment

Delete Attachment

View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: Mr. * First Name: Ronald

Middle Name: J

* Last Name: Artigues

Suffix:

* Title: Grant Admin.

* Telephone Number: 2284935587 Fax Number:

* Email: RArtigues@aol.com

* Signature of Authorized Representative: Ronald J Artigues * Date Signed: 08/08/2022

BUDGET INFORMATION - Construction Programs

NOTE: Certain Federal assistance programs require additional computations to arrive at the Federal share of project costs eligible for participation. If such is the case, you will be notified.

COST CLASSIFICATION	a. Total Cost	b. Costs Not Allowable for Participation	c. Total Allowable Costs (Columns a-b)
1. Administrative and legal expenses	\$ 1,660,000.00	\$	\$ 1,660,000.00
2. Land, structures, rights-of-way, appraisals, etc.	\$ 0.00	\$	\$ 0.00
3. Relocation expenses and payments	\$ 0.00	\$	\$ 0.00
4. Architectural and engineering fees	\$ 2,135,000.00	\$	\$ 2,135,000.00
5. Other architectural and engineering fees	\$ 387,500.00	\$	\$ 387,500.00
6. Project inspection fees	\$ 436,800.00	\$	\$ 436,800.00
7. Site work	\$ 0.00	\$	\$ 0.00
8. Demolition and removal	\$ 0.00	\$	\$ 0.00
9. Construction	\$ 28,573,342.00	\$	\$ 28,573,342.00
10. Equipment	\$ 70,000.00	\$	\$ 70,000.00
11. Miscellaneous	\$ 0.00	\$	\$ 0.00
12. SUBTOTAL (sum of lines 1-11)	\$ 33,262,642.00	\$	\$ 33,262,642.00
13. Contingencies	\$ 0.00	\$	\$ 0.00
14. SUBTOTAL	\$ 33,262,642.00	\$	\$ 33,262,642.00
15. Project (program) income	\$ 0.00	\$	\$ 0.00
16. TOTAL PROJECT COSTS (subtract #15 from #14)	\$ 33,262,642.00	\$	\$ 33,262,642.00
FEDERAL FUNDING			
17. Federal assistance requested, calculate as follows: (Consult Federal agency for Federal percentage share.) Enter the resulting Federal share.			\$ 33,262,642.00
Enter eligible costs from line 16c Multiply X 100 %			

ASSURANCES - CONSTRUCTION PROGRAMS

OMB Number: 4040-0009
Expiration Date: 02/28/2025

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0042), Washington, DC 20503.

PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.

NOTE: Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the Awarding Agency. Further, certain Federal assistance awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant:, I certify that the applicant:

1. Has the legal authority to apply for Federal assistance, and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project costs) to ensure proper planning, management and completion of project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, the right to examine all records, books, papers, or documents related to the assistance; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will not dispose of, modify the use of, or change the terms of the real property title or other interest in the site and facilities without permission and instructions from the awarding agency. Will record the Federal awarding agency directives and will include a covenant in the title of real property acquired in whole or in part with Federal assistance funds to assure non-discrimination during the useful life of the project.
4. Will comply with the requirements of the assistance awarding agency with regard to the drafting, review and approval of construction plans and specifications.
5. Will provide and maintain competent and adequate engineering supervision at the construction site to ensure that the complete work conforms with the approved plans and specifications and will furnish progressive reports and such other information as may be required by the assistance awarding agency or State.
6. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
7. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
8. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§4728-4763) relating to prescribed standards of merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
9. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
10. Will comply with all Federal statutes relating to non-discrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681 1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee 3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.

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Standard Form 424D (Rev. 7-97)
Prescribed by OMB Circular A-102

11. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal and federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
12. Will comply with the provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.
13. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333) regarding labor standards for federally-assisted construction subagreements.
14. Will comply with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
15. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).
16. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
17. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a-1 et seq).
18. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."
19. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.
20. Will comply with the requirements of Section 106(g) of the Trafficking Victims Protection Act (TVPA) of 2000, as amended (22 U.S.C. 7104) which prohibits grant award recipients or a sub-recipient from (1) Engaging in severe forms of trafficking in persons during the period of time that the award is in effect (2) Procuring a commercial sex act during the period of time that the award is in effect or (3) Using forced labor in the performance of the award or subawards under the award.

SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL	TITLE
Ronald J Artigues	Grant Admin.
APPLICANT ORGANIZATION	DATE SUBMITTED
City of Donaldsonville, Louisiana	08/08/2022

SF-424D (Rev. 7-97) Back

CITY OF DONALDSONVILLE
LEROY J. SULLIVAN, SR., MAYOR

Lauthaught Delaney, Sr. District 1
Raymond Aucoin, District 2
Reginald Francis, Sr., District 3

Rev. Charles Brown, Sr., District 4
Michael W. Sullivan, Sr., District 5

August 8, 2022

U.S. Department of Transportation
Pipeline and Hazardous Materials Safety Administration (PHMSA)
1200 New Jersey Ave. SE
Washington, DC 20590

RE: Notice of Funding Opportunity 693JK322NF0018
Natural Gas Distribution Infrastructure Safety and Modernization Grant Program
Fiscal Year (FY) 2022

Dear Sirs,

The City of Donaldsonville, Louisiana, (the “City”) respectfully submits this application for funding through the Natural Gas Distribution Infrastructure Safety and Modernization Grant Program (FY 2022). We are a small municipality with aging and failing natural gas distribution infrastructure – in some instances, the infrastructure is nearly 100 years old. Through the enclosed application, we demonstrate the need for \$33,262,642.00 in funding, which is critical to our mission of mitigating the risk of incident and fatalities in our community, improving the safe delivery of energy to our residents, avoiding economic losses caused by pipeline failures, protecting the environment, and reducing climate change impacts by remediating our aged and failing infrastructure.

The City has procured R³, LLC to support delivery of this award. R³ has extensive experience in managing Federal grant programs, having overseen and administered in excess of \$1 billion dollars in federally funded projects across the Gulf South, ranging from disaster recovery projects in the aftermath of Hurricanes Katrina and Michael to projects restoring the environment and economy in the aftermath of the Deepwater Horizon oil spill.

The City has also procured McKim & Creed to perform all pre-construction activities such as design and permitting, as well as construction-phase engineering and resident project representative services. McKim & Creed is a regional firm with an expertise in subsurface utility engineering for projects of similar size and scope.

Given the strength expertise of our assembled team, the City clearly has the ability and capacity to manage any funds awarded through this program.

As Mayor of the City of Donaldsonville, I will serve as the Designated Project Director and Authorized Project Representative. I can be reached by email (mayorofc@donaldsonville.brcoxmail.com) or by telephone (1-225-473-4247, Ext. 110) to answer any questions you might have.

Please let us know if you require any additional information to complete your review of our application for funding through the Natural Gas Distribution Infrastructure Safety and Modernization Grant Program.

Sincerely,

s/ Leroy J. Sullivan, Sr.

Leroy J. Sullivan, Sr.
Mayor

P.O. Box 470, Donaldsonville, LA 70346 – Phone (225) 473-4247
“This institution is an equal opportunity provider”

Natural Gas System Infrastructure Improvements - Phase III

City of Donaldsonville, Louisiana

PROJECT NARRATIVE

Applicant Eligibility:

The City of Donaldsonville is a public, municipal entity and owns and operates all infrastructure to be improved through this project. As such, the City qualifies as an Eligible Applicant as defined in NOFO 693JK322NF0018, Section C.1.a. “municipality-owned utility operating a natural gas distribution system”.

Project Summary:

This project will replace cast-iron natural gas distribution lines throughout the City of Donaldsonville (the “City”). The existing 57-mile distribution system dates back to the 1930’s and 82.5% of the system still consists of cast-iron mains installed around that time period. Due to the age, fragility of the gas system, and the corrosive nature of cast iron pipe, the City currently experiences an average of 40.2% unaccounted-for gas losses annually (see *Attachment A: “U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration ANNUAL REPORT FOR CALENDAR YEAR 2021 GAS DISTRIBUTION SYSTEM”*), along with the obvious safety hazards caused by accumulated leaking natural gas. Nationwide, cast iron distribution main is one of several legacy assets that have long been recognized as warranting attention in terms of management, replacement and/or reconditioning. In the City of Donaldsonville’s case, replacing the cast iron distribution system is a top public safety, health and environmental priority given the tragedies caused by this failing infrastructure. The project area is identified as an Area of Persistent Poverty, a Historically Disadvantaged Community, and a Transportation Disadvantaged Community and lacks the financial resources to rehabilitate the distribution system. Through this project, the City will mitigate the risk of incidents and fatalities caused by a leaking and deteriorated system, while also minimizing the economic losses suffered.

Project Location: The City of Donaldsonville (approx. approximately 30.1010° N, 90.9929° W) is located in Ascension Parish, Louisiana. Please see “Attachment B: Project Location”, which has been uploaded into grants.gov as an “Optional Project Narrative File”.

Project Schedule: The following project schedule identifies all major project milestones, including planning and design, permitting, completion of the Tier 2 Environmental Questionnaire, and procurement activities. The City anticipates that all infrastructure will be constructed on existing rights-of-way and easements; as such, land acquisition is not included as a milestone. The project will primarily benefit an Area of Persistent Poverty, a Historically Disadvantaged Community, and a Transportation Disadvantaged Community.

- Issuance of Task Orders for Pre-Construction Activities (Administration, Engineering/Design): Award + 1 Months
- Completion of Pre-Construction Activities (Design, Permitting, Environmental Compliance): Award + 15 Months
- Completion of Construction Procurement: Award + 18 Months
- Equipment Procurement and Delivery: Award + 30 Months to Award + 33 Months
- Completion of Construction Activities: Award + 33 Months
- Project Closeout Completion: Award + 36 Months

Project Eligibility: This project is eligible for funding under NOFO 693JK322NF0018. The project includes (1) construction costs related to repairing, rehabilitating, or replacing natural gas pipeline distributions system; (2) equipment costs related to repairing, rehabilitating, or replacing natural gas pipeline distribution systems; and (3) equipment costs related to reducing incidents and fatalities and avoiding economic losses on natural gas distribution systems.

Project Funding: Funding requested for this project is outlined in the table below. Additional budget detail can be found in the Budget Narrative Attachment Form, Budget Information for Construction Programs (SF-424C), and Detailed Project Budget and Opinion of Probable Cost (*see Attachment C: Detailed Project Budget and Opinion of Probable Cost*). Note that the Zones indicated below also correspond with Attachment D: System Layout Plan.

<u>Natural Gas System Infrastructure Improvements - Phase III</u>			
City of Donaldsonville, Louisiana			
	Federal Funding	Match Funding	Total Budget
Zone 1 (Areas 1 & 2)	\$3,860,328.00	-	\$3,860,328.00
Zone 2 (Area 3)	\$24,939,435.00	-	\$24,939,435.00
Zone 3 (Areas 4 & 5) **HIGHEST PRIORITY	\$4,392,879.00	-	\$4,392,879.00
Maintenance Equipment	\$70,000.00	-	\$70,000.00
TOTAL FUNDING REQUEST	\$33,262,642.00	-	\$33,262,642.00
NOTE: This cost estimate assumes that the entire project is funded, capturing economies of scale. Funding only a portion of the project would require higher per-Zone funding			

The project area falls completely within Census Tracts 309 and 310 in Ascension Parish, Louisiana. Both Census Tracts 309 and 310 are identified as Areas of Persistent Poverty (APP), Historically Disadvantaged Communities (HDC), and Transportation Disadvantaged Communities (TDC). According to the US Census Bureau's 2016-2020 ACS 5-year estimates, the City's population is 83.5% Black or African American and has a per capita income of \$16,826 and 45.2% of people in the City live in poverty; in comparison, the US population is 13.6% Black or African American with per capita income of \$35,384 and only 11.4% of people living in poverty. The City's low tax base does not provide adequate tax revenue for the City to implement necessary repairs; as such, completion of this vital project must rely on outside funding sources and opportunities.

Partial funding would be accepted by the City of Donaldsonville. While all components of the project are important, Zone 3 (Areas 4 & 5) are the City's highest priority. In Zone 3, the system does not have enough pressure to provide service to terminus-area customers during peak usage times, such as winter. During peak usage, those customers are without service and are often unable to heat their homes in freezing temperatures. Should an award be made for completion of Zone 3 only, the project engineer estimates that cost estimates would increase to \$7,700,000, as total project cost estimates capture economies of scale for all project costs (construction materials, design services, testing services, etc.). As such, the minimum amount of funding the City would require to complete a useful, distinct project is \$7.7 million for completion of Zone 3 infrastructure repair.

City has implemented a phased approach for system rehabilitation as minor funding became available. Phase I was complete in 2010 with \$1.3M in Revenue Bonds issued through the USDA Rural Development's Community Facilities Program. Phase II, which was funded through a capital outlay request through the State of Louisiana, is currently nearing completion with total estimated costs of \$1.4M. This scope of work included in this application covers Phase III of system rehabilitation. Award of funding to complete Phase III of the project will greatly expedite complete rehabilitation of the City's infrastructure; without this funding, the City will be required to complete discrete components of Phase III if and when funding becomes available through other grant funding opportunities.

4. Detailed Project Description:

This project will utilize \$33,262,642.00 in grant funding to replace cast-iron natural gas distribution lines throughout the City of Donaldsonville, Louisiana. The existing 57-mile distribution system dates back to the 1930's and 82.5% of the system still consists of cast-iron mains installed around that time period. Due to the age, fragility of the gas system, and the corrosive nature of cast iron pipe, the City has experienced explosions causing loss of life and regular pipe breakages requiring emergency repair. According to recent reporting, the City experiences an average of 40.2% unaccounted-for gas losses annually (*see Attachment A: "U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration ANNUAL REPORT FOR CALENDAR YEAR 2021 GAS DISTRIBUTION SYSTEM"*), along with the obvious safety hazards caused by accumulated leaking natural gas. The state of system disrepair has caused explosions resulting in loss of life; after this tragedy, the City was required to reduce operation pressure in the system from 50 psi to 24 psi, severely limiting system capacity, in an effort to mitigate risk of additional loss of life and property in the event of another major system break. Additionally, during extreme cold weather conditions areas along the terminus supply lines are "starved", leaving residents of those areas without heat during freezing weather conditions.

The project area is identified as an Area of Persistent Poverty (APP), a Historically Disadvantaged Community (HDC), and a Transportation Disadvantaged Community (TDC) and lacks the financial resources to rehabilitate the distribution system. Through this project, the City will mitigate the risk of incidents and fatalities caused by a leaking and deteriorated system, while also minimizing the economic losses suffered.

In Section 7 of the Pipeline Safety, Regulatory Certainty, and Job Creation Act of 2011, Congress directed the Secretary of Transportation to develop a report on the national cast iron inventory and the progress being made by owners and operators in implementing management and replacement plans for that inventory. Replacement of failing natural gas distribution infrastructure is a top priority for the City, but funding to carry out this necessary work is lacking. As indicated by the City's status as an APP, HDC, and TDC, financial resources to completely rehabilitate the system are not readily available. According to the US Census Bureau's 2016-2020 ACS 5-year estimates, the City's population is 83.5% Black or African American and has a per capita income of \$16,826 and 45.2% of people in the City live in poverty; in comparison, the US population is 13.6% Black or African American with per capita income of \$35,384 and only 11.4% of people living in poverty. The City's low tax base does not provide adequate tax revenue for the City to implement necessary repairs; the City's economic losses are exacerbated by the 40.2% of unaccounted-for gas losses annually. This project will help a disproportionately affected community mitigate the environmental, health and safety, and economic hardships that are a direct result of the deteriorating natural gas infrastructure currently in place.

The quantity of cast iron main nationwide has dropped from just under 63,000 miles to well under 34,000 miles of main since 1985, representing a 46% reduction over 28 years; while national distribution incident data shows a significant decline in the number of incidents on cast iron mains over the same period. This is indicative of the industry's ongoing recognition of the inherent risks of cast iron pipe along with successful management and attrition programs. However, as a city-owned utility, natural gas pipeline replacement projects throughout the City of Donaldsonville have not had access to the private sector capital that has been used to solve these problems in other markets, where distribution systems are often owned by private companies rather than government entities.

Because of the immediate need to replace the failing pipes and despite the lack of funding, the City has implemented a phased approach for rehabilitation as minor funding was secured. Phase I was completed in 2010 with \$1.3M in Revenue Bonds issued through the USDA Rural Development's Community Facilities Program. Phase II, which was funded through a capital outlay request through the State of Louisiana, is currently nearing completion with total estimated costs of \$1.4M. While these projects were very important to the City, they only addressed a small fraction of the needed rehabilitation citywide and each funding source required local match funding, which was very difficult for the City to secure. This project (Phase III) would completely rehabilitate the City's failing infrastructure, thus mitigating the ongoing challenges the city has faced with its failing gas infrastructure. With a fully functional distribution system, the City will be able to aggressively pursue residential and commercial developments that will increase natural gas revenues, create greatly needed jobs, and improve the quality of life for its citizens.

This project will continue the City's phased approach to infrastructure rehabilitation. Once provisionally selected for funding, the City will complete the PHMSA Tier 2 Environmental Questionnaire to assess environmental impacts that may need to be addressed prior to construction activities. When an award is made, the City will build upon existing system designs that have been completed for prior phases. The existing System Layout Plan is attached (*see Attachment D: System Layout Plan*) for overall project improvements and the City can move quickly through the remaining planning and design necessary for construction. Preconstruction activities will include completion of planning and design, permitting, and compilation of plans, specifications, and contract documents necessary to competitively procure construction activities in accordance with 2 CFR 200 and other applicable procurement requirements. The City anticipates that all infrastructure will be constructed on existing rights-of-way and easements; as such, land acquisition is not anticipated as a component of this project.

Federally required contract clauses found at 2 CFR 200 Appendix II, as applicable, will be incorporated into each contract funded through this project. Contracts will also address any clauses required by the executed grant agreement, including, but not limited to, those pertaining to Title VI of the Civil Rights Act and Section 504 of the Rehabilitation Act. The City and its contractors will comply with the terms and conditions of the grant award.

Construction activities will replace 246,380 linear feet (46.7 miles) of gas main. The City anticipates that this project can be successfully completed with the allotted 36-month period of performance. The following project schedule will commence upon award:

- Issuance of Task Orders for Pre-Construction Activities (Administration, Engineering/Design): Award + 1 Months
- Completion of Pre-Construction Activities (Design, Permitting, Environmental Compliance): Award + 15 Months
- Completion of Construction Procurement: Award + 18 Months
- Completion of Construction Activities: Award + 33 Months
- Project Closeout Completion: Award + 36 Months

Project Activities will be categorized in the following Tasks:

Task 1: Grant Administration: The City has procured contractual support (R³, LLC) to oversee administrative compliance activities related to this project, which may include activities such as required reporting, financial oversight, documentation of procurement compliance, documentation of environmental compliance, and documentation of applicable labor standards compliance, and other related services as requested by the City.

Task 2: Engineering: The City has procured contractual engineering support (McKim & Creed) to perform professional services of engineering nature that must be performed or approved by a person licensed, registered, or certified to provide those services. Engineering services may include activities such as research, planning, development, and design necessary for construction activities.

Task 3: Other Engineering: The City has procured contractual engineering support (McKim & Creed) to perform professional services of an engineering nature in addition to engineering design services. Other Engineering may include activities such as studies, investigations, surveying and mapping, tests, evaluations, consultations, comprehensive planning, program management, conceptual designs, plans and specifications, value engineering, construction phase services, soils engineering, drawing reviews, preparation of operating and maintenance manuals, and other related services as requested by the City.

Task 4: Project Inspection Fees: The City has procured contractual engineering support (McKim & Creed) to perform construction-phase Project Inspection Services (i.e., Resident Project Representative).

Task 5: Construction: The City will competitively procure a construction contractor to complete project construction activities. The procured contractor will have experience in projects of similar size and scope.

Task 6: Equipment: The City will procure one E50 R2-Series Bobcat Compact Excavator for City use in post-construction maintenance and repairs. The City will procure this equipment in accordance with applicable federal procurement standards.

5. Statement of Authority and Pipeline Infrastructure Safety and Modernization Capabilities:

The City of Donaldsonville, Louisiana is authorized to establish and operate a natural gas system pursuant to Title 33 – Municipalities and parishes, found in the Louisiana Revised Statutes. Specifically, CHAPTER 9-A. ESTABLISHMENT OF NATURAL GAS SYSTEMS, LA Rev Stat §33:4160.1 is the authorizing law for the establishment of the City of Donaldsonville’s gas system.

6. Projected Outputs and Objectives:

The City of Donaldsonville has identified the following quantifiable and measurable outputs associated with the replacement of 246,380 linear feet (46.7 miles) of natural gas pipeline:

Output Criteria #1: Safety – Because natural gas pipelines are underground, problems can occur without anyone noticing them. If there is a gas leak, a homeowner may be able to smell the natural gas or hear an unusual sound near a gas line. However, there are many instances in which a pipeline issue is discovered too late. Something flammable could ignite natural gas without warning. Such an event occurred in the City of Donaldsonville, leading to fatalities.

In addition to leaks, construction workers have hit pipelines while excavating sites. Property owners have accidentally punctured pipelines while digging on their property. Over time, these cast iron pipes have been susceptible to a process called “graphitization.” Graphitization occurs when older cast iron pipelines corrode due to normal environmental exposure. It can and often does result in catastrophic leaks throughout a pipe system, which can lead to fires and explosions. The Pipeline and Hazardous Materials Safety Administration (PHMSA), a sub-department within the United States Department of Transportation (DOT), has explained the hazard associated with cast iron pipelines, stating:

“Cast iron pipe, when graphitized, is relatively brittle, which allows far more dramatic failure modes such as rapid crack propagation and circumferential breaks. **Such failures are potentially more severe than more ductile failure modes commonly seen in today’s pipe materials.**” [PHMSA’s “192 Corrosion Enforcement Guidance” at 134 (2014)]

The graphitization in the City of Donaldsonville's system means that the cast iron has degraded and corroded over time to the point of failure. Thus, even a small gas leak could have catastrophic consequences if it catches fire. According to PHSMA, many of the remaining cast-iron pipelines in the United States were installed more than 60 years ago. Some of them, such as those in the City of Donaldsonville, are nearly a century old. Due to the failures throughout the system, pipeline Safety inspections have required a reduction of operation pressure in Donaldsonville's system from 50 psi to 24 psi, severely limiting system capacity, in an effort to mitigate risk of loss of life and property in the event of a major system break. Such an event has disproportionately impacted the surrounding community, which has been identified as an Area of Persistent Poverty (APP), a Historically Disadvantaged Community (HDC), and a Transportation Disadvantaged Community (TDC). Through this project, the rehabilitated system will be able to safely return to industry standard operation pressures.

Output Criteria #2: Environment – The City's deteriorating natural gas pipeline infrastructure currently results in 40.2% of unaccounted-for gas losses annually (see attached "*U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration ANNUAL REPORT FOR CALENDAR YEAR 2021 GAS DISTRIBUTION SYSTEM*"). The largest component of natural gas is methane (60%-90%). Remediating the City's leak-prone pipelines will protect the environment and climate by reducing natural gas loss to the atmosphere and reducing methane and other hydrocarbon gas release in this disproportionately impacted area. Once this project is complete, the City anticipates that unaccounted-for annual gas losses will be reduced to an acceptable level (10-12%) in areas of the system that are rehabilitated.

Output Criteria #3: Job Creation – With an estimated construction cost of \$28.5M, this project can be expected to significantly impact the labor force and wages of the surrounding APP, HDC, and TDC community. According to the US Census Bureau's 2016-2020 ACS 5-year estimates, the City has a per capita income of \$16,826 and 45.2% of people in the City live in poverty. This project can be expected to create high-wage construction jobs in the community. The City supports free and fair choice for all workers to join a union and contracts issued through this project will incorporate applicable federal labor standards (such as the Davis-Bacon Act and the Related Acts), which may include use of prevailing wage rates and local hire provisions to support local workers in this historically disadvantaged and disproportionately impacted community. Utilizing employment multipliers provided by the Economic Policy Institute, a +/- \$30M construction investment in this community can be anticipated to create 165 direct jobs (5.5 jobs/\$1M) and an additional 327 indirect jobs, such as supplier and other induced jobs (10.9 jobs/\$1M) (<https://www.epi.org/publication/updated-employment-multipliers-for-the-u-s-economy/>). Once construction is complete, this project will enable the City to aggressively pursue residential and commercial development that the

existing system cannot currently support, resulting in exponentially increased job opportunities and wages for City residents.

Output Criteria #4: Equity –

According to the US Census Bureau’s 2016-2020 ACS 5-year estimates, the City of Donaldsonville is a predominantly Black or African American Community (83.5%) with per capita income of \$16,826 and 45.2% of residents living in poverty. In order to keep the system operational, the City must factor it’s 40.2% unaccounted-for gas losses into user fees, which dramatically drives up costs to the end consumer; this, in addition to high costs of natural gas currently, disproportionately affects the low-income users in the City of Donaldsonville. This project would reduce unaccounted-for gas losses from 40.2% to an acceptable loss rate (10%-12%) in areas of system improvement, dramatically lowering energy costs for the City’s underprivileged end users.

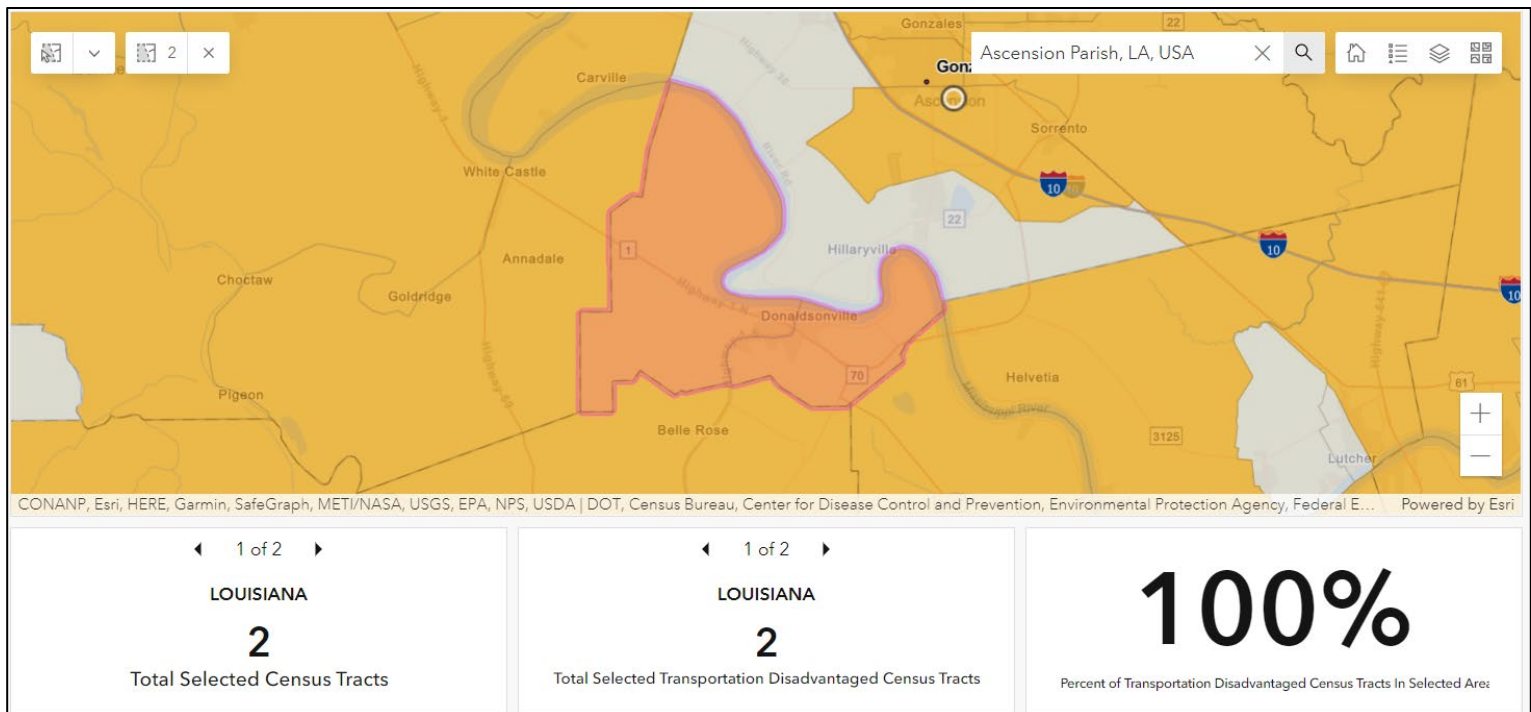
All Topics	Donaldsonville city, Louisiana	United States
Per capita income in past 12 months (in 2020 dollars), 2016-2020	\$16,826	\$35,384
Persons in poverty, percent	45.2%	11.4%

All Topics	Donaldsonville city, Louisiana	United States
Black or African American alone, percent (a)	83.5%	13.6%
Race and Hispanic Origin		
White alone, percent	15.1%	75.8%
Black or African American alone, percent (a)	83.5%	13.6%
American Indian and Alaska Native alone, percent (a)	0.0%	1.3%
Asian alone, percent (a)	0.0%	6.1%
Native Hawaiian and Other Pacific Islander alone, percent (a)	0.0%	0.3%
Two or More Races, percent	1.4%	2.9%
Hispanic or Latino, percent (b)	1.3%	18.9%
White alone, not Hispanic or Latino, percent	13.7%	59.3%

The project primarily benefits Areas of Persistent Poverty (APP), Historically Disadvantaged Communities (HDC), and Transportation Disadvantaged Communities (TDC). The project is located in Census Tracts 309 and 310. Both Census Tract 309 and Census Tract 310 qualify as APP's, HDC's, and TDC's. The information presented below was obtained by using the U. S. Department of Transportation's "Areas of Persistent Poverty Project (APP) and Historically Disadvantaged Community (HDC) Status Tool" (<https://datahub.transportation.gov/stories/s/tsyd-k6ij>):

A. State	B. County	C. Census Tract Name	E. APP - COUNTY Meets Definition?	F. APP - CENSUS TRACT Meets Definition?	G. HDC - CENSUS TRACT Meets Definition?
Louisiana	Ascension Parish	Census Tract 309	No	Yes	Yes
Louisiana	Ascension Parish	Census Tract 310	No	Yes	Yes
		APP = Area of Persistent Poverty			
		HDC = Historically Disadvantaged Community			

An image of the map tool outputs from the U. S. Department of Transportation's "Transportation Disadvantaged Community" tool are below (<https://usdot.maps.arcgis.com/apps/dashboards/d6f90dfcc8b44525b04c7ce748a3674a>):



7. Project Implementation and Management:

In accordance with procurement requirements outlined at 2 CFR 200.320(b)(2), the City has competitively procured R³, LLC, and McKim & Creed to provide all necessary professional support for implementation of this project.

R³, LLC, will support overall administration of this award. R³ has extensive experience in managing Federal grant programs, having overseen and administered in excess of \$1 billion dollars in federally funded projects across the Gulf South, ranging from disaster recovery projects in the aftermath of Hurricanes Katrina and Michael to projects restoring the environment and economy in the aftermath of the Deepwater Horizon oil spill.

McKim & Creed – Engineers, Surveyors, Planners –will perform all pre-construction activities such as design and permitting, as well as construction-phase engineering and resident project representative services. McKim & Creed is a regional firm with an expertise in subsurface utility engineering for projects of similar size and scope.

Once an award is made, the City will execute task orders with R³, LLC, and McKim & Creed to support pre-construction activities. R³ will support the City in administrative compliance related to this award, which may include activities such as required reporting, financial oversight, procurement compliance, documentation of environmental compliance, and documentation of applicable labor standards compliance. McKim & Creed will provide licensed professional engineering services to complete project design and permitting and oversee project construction. Construction-phase engineering services are included in the project budget, as are Resident Project Representative services. McKim & Creed will have an RPR on-site during construction activities to ensure that the project is built in accordance with the designs and specifications developed during project planning. The RPR will be overseen by a licensed engineer with necessary expertise and experience in projects of similar size and scope. Applicable Federal pipeline safety regulations are included in the City's Operations Manual and Emergency Plan and will be observed throughout project construction and post-construction systems operations.

The City's Distribution Integrity Management Program (DIMP) will be updated and kept up to date and required safety and performance checks will be made periodically throughout construction and post-construction operation.

8. Explanation of Evaluation and Selection Criteria Equivalence:

The City of Donaldsonville believes that this will be a "Highly Recommended" project in accordance with the evaluation criteria and selection criteria outlined in the Section E of NOFO 693JK322NF0018:

Technical Criteria:

This project will replace 246,380 linear feet (46.7 linear miles) of failing natural gas pipeline infrastructure in the City of Donaldsonville, an identified APP, HDC, and TDC disproportionately impacted area. 100-year-old cast-iron piping will be replaced with industry standard medium density polyethylene piping. The total estimated project cost is \$33,262,642.00, which includes current estimates for all necessary design, permitting, administration, and construction activities. The City expects that this project can be completed within the award's 36-month period of performance, in accordance with project schedules provided.

Measurable results and deliverables from this project include:

- A reduction in annual unaccounted-for gas losses from 40.2% to 10-12% in improved areas.
- An increase in allowable system pressure from the current 24 psi to 50-60 psi.
- An increase in the availability of good-paying, local jobs as a result of +/- \$28.5M in construction activities.
- Rehabilitation of \$28.5M in infrastructure in the City of Donaldsonville, an Area of Persistent Poverty, a Historically Disadvantaged Community, and a Transportation Disadvantaged Community, with per capita income of \$16,826 and 45.2% rate of poverty.

The current risk profile of the City's system is "high". 82.5% of the City's system (47 miles) consist of old cast iron constructed in the 1930's. Based on recent reporting, system currently has annual unaccounted-for gas losses of 40.2%. The system poses tremendous safety risks to the citizens of Donaldsonville, city employees who operate and maintain the system, and others who work in the vicinity of the City's natural gas facilities (e.g., other utility providers, contractors, etc.).

The attached Opinion of Probable Cost was compiled by the firm McKim & Creed, on behalf of the City of Donaldsonville, to provide an estimate of costs related to complete the scope of work described herein. After review of both the scope of work and estimated budget, the City has determined that: the scope of work is allowable and consistent with eligibility criteria provided in NOFO 693JK322NF0018; all outlined costs are allocable to the scope of work outlined in this application; and the scope of work and related costs are necessary and reasonable, given the condition of aged and failing natural gas infrastructure throughout the city.

The project will create high-wage construction jobs and the project can be expected to significantly impact the labor force and wages of the surrounding APP, HDC, and TDC community. According to the US Census Bureau's 2016-2020 ACS 5-year estimates, the City has a per capita income of \$16,826 and 45.2% of people in the City live in poverty. This project can be expected to create good-paying construction jobs in the community. The City supports free and fair choice for all workers to join a union and contracts issued through this project will

incorporate applicable federal labor standards, which may include use of prevailing wage rates and local hire provisions to support local workers in this historically disadvantaged and disproportionately impacted community. Once construction is complete, this project will enable the City to aggressively pursue residential and commercial development that the existing system cannot currently support, resulting in increased job opportunities and wages for City residents.

The City will ensure that all work is performed by appropriately skilled labor to ensure high-quality construction throughout the life of the project. To accomplish this, the City will require all bidders to provide references for projects of similar size and scope and the project engineer and RPR will oversee construction activities to ensure that all construction work is of a high standard. The City will encourage all bidders to hire qualified, local workers for construction activities.

This project is limited to rehabilitation activities; as such, specific job titles will not be funded.

This project will provide substantial benefit to the surrounding disadvantaged community by mitigating risks for loss of life due to a major line breakage and by decreasing environmental and health impacts caused by deteriorated infrastructure. In addition, this project will directly infuse approximately \$30M in construction activity into the local economy of this disproportionately impacted area. Utilizing employment multipliers provided by the Economic Policy Institute, a \$30M construction investment in this community will create 165 direct jobs (5.5 jobs/\$1M) and an additional 327 indirect jobs, such as supplier and other induced jobs (10.9 jobs/\$1M) (<https://www.epi.org/publication/updated-employment-multipliers-for-the-u-s-economy/>). Completion of this project will allow the city to aggressively pursue residential and commercial investment and expansion, exponentially increasing the number of jobs generated through this project.

To ensure a successful project, the City has competitively procured an experienced administration team to oversee compliance activities for this award. A licensed engineer with experience in projects of similar size and scope will be procured to oversee design, permitting, environmental compliance, and construction activities. Post-construction systems monitoring will ensure that leakage is decreased, and overall system functionality is increased.

The City of Donaldsonville does and will comply with Title VI of the Civil Rights Act of 1964, which prohibits discrimination on the basis of race, color, or national origin in programs and activities of any entity that receive federal assistance. Any contract executed as a result of this award will include provisions requiring compliance with Title VI of the Civil Rights Act of 1964.

Programmatic Criteria:

The City of Donaldsonville has developed the following timeline for anticipated project activities, which falls within the award's 36-month period of performance:

- Issuance of Task Orders for Pre-Construction Activities (Administration, Engineering/Design): Award + 1 Months
- Completion of Pre-Construction Activities (Design, Permitting, Environmental Compliance): Award + 15 Months
- Completion of Construction Procurement: Award + 18 Months
- Completion of Construction Activities: Award + 33 Months
- Project Closeout Completion: Award + 36 Months

The following Outputs and Goals for this project demonstrate the City's commitment to reducing risk and enhancing pipeline safety, environmental productions, and emissions reductions:

- A reduction in annual unaccounted-for gas losses from 40.2% to 10%-12% in improved areas.
- An increase in allowable system pressure from the current 24 psi to 50 psi.
- Rehabilitation of \$28.5M in infrastructure in the City of Donaldsonville, an Area of Persistent Poverty, a Historically Disadvantaged Community, and a Transportation Disadvantaged Community, with per capita income of \$16,826 and 45.2% rate of poverty.

This project will rehabilitate critical natural gas pipeline infrastructure in the City of Donaldsonville, an underserved community, consistent with Executive Order 13985.

The City has attached Forms SF-424 and SF-424C budget forms, as required by NOFO 693JK322NF0018. Because Form SF-424A is related to Non-Construction Programs, this form has not been attached; however, the City will promptly provide an additional budgetary information that may be needed. Note that this budget does not request funding for "Labor Costs", "Other" expenditures, or "Indirect Costs".

Additional Considerations:

Natural gas is a relatively clean and abundant domestic energy source. Natural gas is delivered directly from its source to customers for residential, commercial and industrial use through an extensive 2.4-million-mile pipeline system nationwide. Depending on the amount of natural gas being transported and the location of the pipeline, distribution systems vary in size, material type and pressure.

The distribution infrastructure has been constructed over time using construction methods and materials available throughout time - including cast iron, bare steel and copper. Today, most companies use only coated and cathodically protected steel and plastic. Cast and wrought iron pipelines are among

the oldest energy pipelines constructed in the United States. Many of these pipelines were installed over 60 years ago and still deliver natural gas to homes and businesses today. However, the degrading nature of iron alloys, the age of the pipelines, and pipe joints design have greatly increased the risk involved with continued use of such pipelines. The [Pipeline Safety, Regulatory Certainty, and Job Creation Act of 2011](#) calls for DOT to conduct a state-by-state survey on the progress of cast iron pipeline replacement. This survey has illustrated that the amount of cast and wrought iron pipeline in use has declined significantly in recent years, thanks to increased state and federal safety initiatives and pipeline operators' replacement efforts. Twenty-two states and one territory have completely eliminated cast or wrought iron natural gas distribution lines within their borders, including: Alaska, Arizona, Arkansas, Colorado, Hawaii, Iowa, Idaho, Minnesota, Montana, Nevada, New Mexico, North Carolina, North Dakota, Oklahoma, Oregon, Puerto Rico, South Carolina, South Dakota, Utah, Vermont, Washington, Wisconsin, and Wyoming.

Unfortunately, the City of Donaldsonville and its residents have suffered due to the historical installation of cast iron pipe during the first half of the 20th century and have yet been unable to fund the replacement of a city-wide cast iron system that is considered to be one of the most dangerous remaining in the United States.

Cast iron main has the following issues:

- Compared to steel or plastic, it is relatively brittle. Smaller diameter cast iron pipe, which comprises most of the City of Donaldsonville's system, is many times more prone to breakage or cracking than large diameter cast iron. The preferred handling of small diameter cast iron is replacement.
- Cast iron is susceptible to corrosion. In the case of cast iron, this process is known as graphitization. It is most frequently caused by stray currents from rail systems or by soil types that promote current flow, such as those found in South Louisiana. These issues are well known, and locations that have experienced graphitization have generally surfaced in the many decades since the last installation of cast iron main. However, throughout much of America, gas mains thus affected by graphitization have in most cases already been replaced.

For these reasons, cast iron, which is generally concentrated in certain older areas such as the City of Donaldsonville, has been identified as a high-risk material. According to a white paper by the American Gas Association entitled "Managing the Reduction of the Nation's Cast Iron Inventory", "it is desirable to accelerate the replacement of high-risk systems with more modern materials and construction techniques to continue improving the overall safety of the nation's gas distribution system."

In fact, In April 2011, the Secretary of Transportation announced the "Pipeline Safety Action Plan" that called for pipeline operators to accelerate their efforts to replace pipeline facilities and take other actions to enhance the integrity of systems. This call to action by DOT set expectations for operators and state commissioners to work on replacement efforts expeditiously and also included a recommendation for 'timely' cost recovery mechanisms to facilitate such efforts. To date, the City of Donaldsonville has been unable to access funding sufficient to replace its failing infrastructure, which is unfortunate given the fact that managing the reduction of the national cast iron gas main inventory has been in progress

for decades. The process has become part of formalized pipeline industry risk reduction practices, under Federal distribution integrity management regulations. Despite that, the City of Donaldsonville continues to face hardships due to its failing cast iron system that has yet to be replaced.

In addition to the obvious public health and safety benefits of system replacement, this project will also contribute to equitable economic strength and improvement of core infrastructure assets city-wide. The City's current system has deteriorated to the point of systemwide failure; recent annual unaccounted-for gas losses were 40.2%, and system operations have been reduced from 50 psi to 24 psi to mitigate the risk of loss of life and property damage. By investing in the rehabilitation of these core distribution pipeline infrastructure assets, this project will ensure the safe and environmentally sound delivery of natural gas to the surrounding disproportionately affected and disadvantaged community.

This project will support federal goals of **ensuring that investments meet equity and economic inclusion goals** in this underserved area. The City of Donaldsonville has been identified as an Area of Persistent Poverty, a Historically Disadvantaged Community, and a Transportation Disadvantaged Community. The population is 83.5% Black or African American, with a per capita income of \$16,826 and 45.2% rate of poverty. A +/- \$30M construction investment in this community will create 165 direct jobs (5.5 jobs/\$1M) and an additional 327 indirect jobs, such as supplier and other induced jobs (10.9 jobs/\$1M). Completion of this project will also allow the city to aggressively pursue residential and commercial investment and expansion, exponentially increasing the number of jobs generated through this project.

The City of Donaldsonville is committed to ensuring that all projects implemented by the city serve and provide access to all communities equally. The City commits to Title VI and Section 504 compliance and will work with the PHMSA's Office of Civil Rights to ensure effective and compliance programs promoting equality.

This project will increase community **resilience and address climate change** by drastically reducing the percentage of unaccounted-for gas losses that negatively impact the environment and contribute to climate change. Rehabilitation of the City's deteriorating natural gas system is anticipated to reduce losses from 40.2% to 10%-12% in improved areas.

The City is confident that the project schedule established is reasonable and that the project can be completed within 36 months. In accordance with 2 CFR 200.322 "Domestic preferences for procurements" ("Buy American"), the City will, to the greatest extent practicable under this award, provide a preference for the use of construction materials produced in the United States (including but not limited to iron, aluminum, steel, cement, and other manufactured products); at this time, the City anticipates that all materials and supplies will comply with "Buy American" requirements. The requirements included in 2 CFR 200.322 shall be included in all contracts and purchase orders for work under this award and all contractors will be highly encouraged to maximize use of domestic content.

9. Statement Certifying Compliance with Equity Requirement:

The City of Donaldsonville certifies that it will comply with Executive Order (EO) 13985 – Advancing Racial Equity and Support for Underserved Communities Through the Federal Government.

10. Buy America:

All proposed materials for use in this project are produced domestically. At this time, the City does not anticipate that a waiver will be required. The requirements included in 2 CFR 200.322 shall be included in all contracts and purchase orders for work under this award and all contractors will be highly encouraged to maximize use of domestic content.

11. Critical Infrastructure Security and Resilience:

Prior to signing of a grant agreement, effort will be made to consider and address any physical and cyber security risks that may be relevant to the City's natural gas distribution system.

12. Environmental Analysis:

The City of Donaldsonville understands that PHMSA will publish an "Environmental Assessment, Tier 1" in the Federal Register that will analyze the environmental impacts of this grant program on a nationwide basis and solicit public comment and that PHMSA will consider the public comments on the "Environmental Assessment Tier 1" in developing the "Tier 2 Environmental Questionnaire," which will consider any additional site-specific environmental impacts.


Once provisionally selected for funding, the City commits to completion of the PHMSA-provided Tier 2 Environmental Questionnaire, which will: analyze potential environmental effects caused by this project; detail actions to comply with state and Federal environmental, environmental justice, and historic preservation requirements; and detail additional mitigation actions to ensure that environmental impacts, such as those from excavation or the use of heavy equipment, are minimal and insignificant.

Any mitigative requirements identified in the Tier 2 Environmental Questionnaire will be addressed by the City and/or incorporated into construction contract documents, when appropriate, to ensure minimal environmental impact from construction activities.

ATTACHMENT A

NOTICE: This report is required by 49 CFR Part 191. Failure to report may result in a civil penalty OMB No. 2137-0629 as provided in 49 USC 60122.

OMB NO: 2137-0629
EXPIRATION DATE: 5/31/2024

 U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration	ANNUAL REPORT FOR CALENDAR YEAR 2021 GAS DISTRIBUTION SYSTEM	Initial Date Submitted:	02/27/2022
		Report Submission Type	INITIAL
		Date Submitted:	

A federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with a collection of information subject to the requirements of the Paperwork Reduction Act unless that collection of information displays a current valid OMB Control Number. The OMB Control Number for this information collection is 2137-0629. Public reporting for this collection of information is estimated to be approximately 16 hours per response, including the time for reviewing instructions, gathering the data needed, and completing and reviewing the collection of information. All responses to this collection of information are mandatory. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to: Information Collection Clearance Officer, PHMSA, Office of Pipeline Safety (PHP-30) 1200 New Jersey Avenue, SE, Washington, D.C. 20590.

Important: Please read the separate instructions for completing this form before you begin. They clarify the information requested and provide specific examples. If you do not have a copy of the instructions, you can obtain one from the PHMSA Pipeline Safety Community Web Page at <http://www.phmsa.dot.gov/pipeline/library/forms>.

PART A - OPERATOR INFORMATION		(DOT use only)	20220470-45432	
1. Name of Operator		DONALDSONVILLE, CITY OF		
2. LOCATION OF OFFICE (WHERE ADDITIONAL INFORMATION MAY BE OBTAINED)				
2a. Street Address		609 RAILROAD AVE		
2b. City and County		DONALDSONVILLE		
2c. State		LA		
2d. Zip Code		70346		
3. OPERATOR'S 5 DIGIT IDENTIFICATION NUMBER		3470		
4. HEADQUARTERS NAME & ADDRESS				
4a. Street Address		609 RAILROAD AVE		
4b. City and County		DONALDSONVILLE		
4c. State		LA		
4d. Zip Code		70346		
5. STATE IN WHICH SYSTEM OPERATES		LA		
6. THIS REPORT PERTAINS TO THE FOLLOWING COMMODITY GROUP (Select Commodity Group based on the predominant gas carried and complete the report for that Commodity Group. File a separate report for each Commodity Group included in this OPID.)				
Natural Gas				
7. THIS REPORT PERTAINS TO THE FOLLOWING TYPE OF OPERATOR (Select Type of Operator based on the structure of the company included in this OPID for which this report is being submitted.):				
Municipal Owned				

PART B - SYSTEM DESCRIPTION											
1. GENERAL											
	STEEL				PLASTIC	CAST/ WROUGHT IRON	DUCTILE IRON	COPPE R	OTHER	RECONDITION ED CAST IRON	SYSTEM TOTAL
	UNPROTECTED		CATHODICALLY PROTECTED								
	BARE	COATED	BARE	COATED							
MILES OF MAIN	0	0	0	5	12	43	0	0	0	0	60
NO. OF SERVICES	0	0	0	0	1223	481	0	1497	0	0	3201

2.MILES OF MAINS IN SYSTEM AT END OF YEAR							
MATERIAL	UNKNOWN	2" OR LESS	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8" THRU 12"	OVER 12"	SYSTEM TOTALS
STEEL	0	0	0	5	0	0	5
DUCTILE IRON	0	0	0	0	0	0	0
COPPER	0	0	0	0	0	0	0
CAST/WROUGHT IRON	0	19	21	3	0	0	43
PLASTIC PVC	0	0	0	0	0	0	0
PLASTIC PE	0	6	6	0	0	0	12
PLASTIC ABS	0	0	0	0	0	0	0
PLASTIC OTHER	0	0	0	0	0	0	0
OTHER	0	0	0	0	0	0	0
RECONDITIONED CAST IRON	0	0	0	0	0	0	0
TOTAL	0	25	27	8	0	0	60
Describe Other Material:							
3.NUMBER OF SERVICES IN SYSTEM AT END OF YEAR					AVERAGE SERVICE LENGTH: 25		
MATERIAL	UNKNOWN	1" OR LESS	OVER 1" THRU 2"	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8"	SYSTEM TOTALS
STEEL	0	0	0	0	0	0	0
DUCTILE IRON	0	0	0	0	0	0	0
COPPER	0	1497	0	0	0	0	1497
CAST/WROUGHT IRON	0	0	481	0	0	0	481
PLASTIC PVC	0	0	0	0	0	0	0
PLASTIC PE	0	1217	6	0	0	0	1223
PLASTIC ABS	0	0	0	0	0	0	0
PLASTIC OTHER	0	0	0	0	0	0	0
OTHER	0	0	0	0	0	0	0
RECONDITIONED CAST IRON	0	0	0	0	0	0	0
TOTAL	0	2714	487	0	0	0	3201
Describe Other Material:							
4.MILES OF MAIN AND NUMBER OF SERVICES BY DECADE OF INSTALLATION							

	UNKNOWN	PRE-1940	1940-1949	1950-1959	1960-1969	1970-1979	1980-1989	1990-1999	2000-2009	2010-2019	2020-2029	TOTAL
MILES OF MAIN	0	21	0	22	0	5	0	0	0	10	2	60
NUMBER OF SERVICES	0	1193	0	1985	0	0	0	0	0	14	9	3201

PART C - TOTAL LEAKS AND HAZARDOUS LEAKS ELIMINATED/REPAIRED DURING THE YEAR

CAUSE OF LEAK	MAINS		SERVICES	
	TOTAL	HAZARDOUS	TOTAL	HAZARDOUS
CORROSION FAILURE	13	2	2	
NATURAL FORCE DAMAGE	4		1	
EXCAVATION DAMAGE	1	1		
OTHER OUTSIDE FORCE DAMAGE				
PIPE, WELD OR JOINT FAILURE				
EQUIPMENT FAILURE				
INCORRECT OPERATIONS				
OTHER CAUSE				
NUMBER OF KNOWN SYSTEM LEAKS AT END OF YEAR SCHEDULED FOR REPAIR : 103				
NUMBER OF HAZARDOUS LEAKS INVOLVING A MECHANICAL JOINT FAILURE : 0				

PART D - EXCAVATION DAMAGE

1. TOTAL NUMBER OF EXCAVATION DAMAGES BY APPARENT ROOT CAUSE: 1

- a. One-Call Notification Practices Not Sufficient: 0
- b. Locating Practices Not Sufficient: 0
- c. Excavation Practices Not Sufficient: 1
- d. Other: 0

2. NUMBER OF EXCAVATION TICKETS : 1528

PART E - EXCESS FLOW VALUE (EFV) AND SERVICE VALVE DATA

Total Number Of Services with EFV Installed During Year: 64

Estimated Number Of Services with EFV In the System At End Of Year: 301

* Total Number of Manual Service Line Shut-off Valves Installed During Year: 0

* Estimated Number of Services with Manual Service Line Shut-off Valves Installed in the System at End of Year: 2

**These questions were added to the report in 2017.*

PART F - LEAKS ON FEDERAL LAND

TOTAL NUMBER OF LEAKS ON FEDERAL LAND REPAIRED OR SCHEDULED TO REPAIR: 0

PART G-PERCENT OF UNACCOUNTED FOR GAS

UNACCOUNTED FOR GAS AS A PERCENT OF TOTAL CONSUMPTION FOR THE 12 MONTHS ENDING JUNE 30 OF THE REPORTING YEAR.

[(PURCHASED GAS + PRODUCED GAS) MINUS (CUSTOMER USE + COMPANY USE + APPROPRIATE ADJUSTMENTS)] DIVIDED BY (CUSTOMER USE + COMPANY USE + APPROPRIATE ADJUSTMENTS) TIMES 100 EQUALS PERCENT UNACCOUNTED FOR.

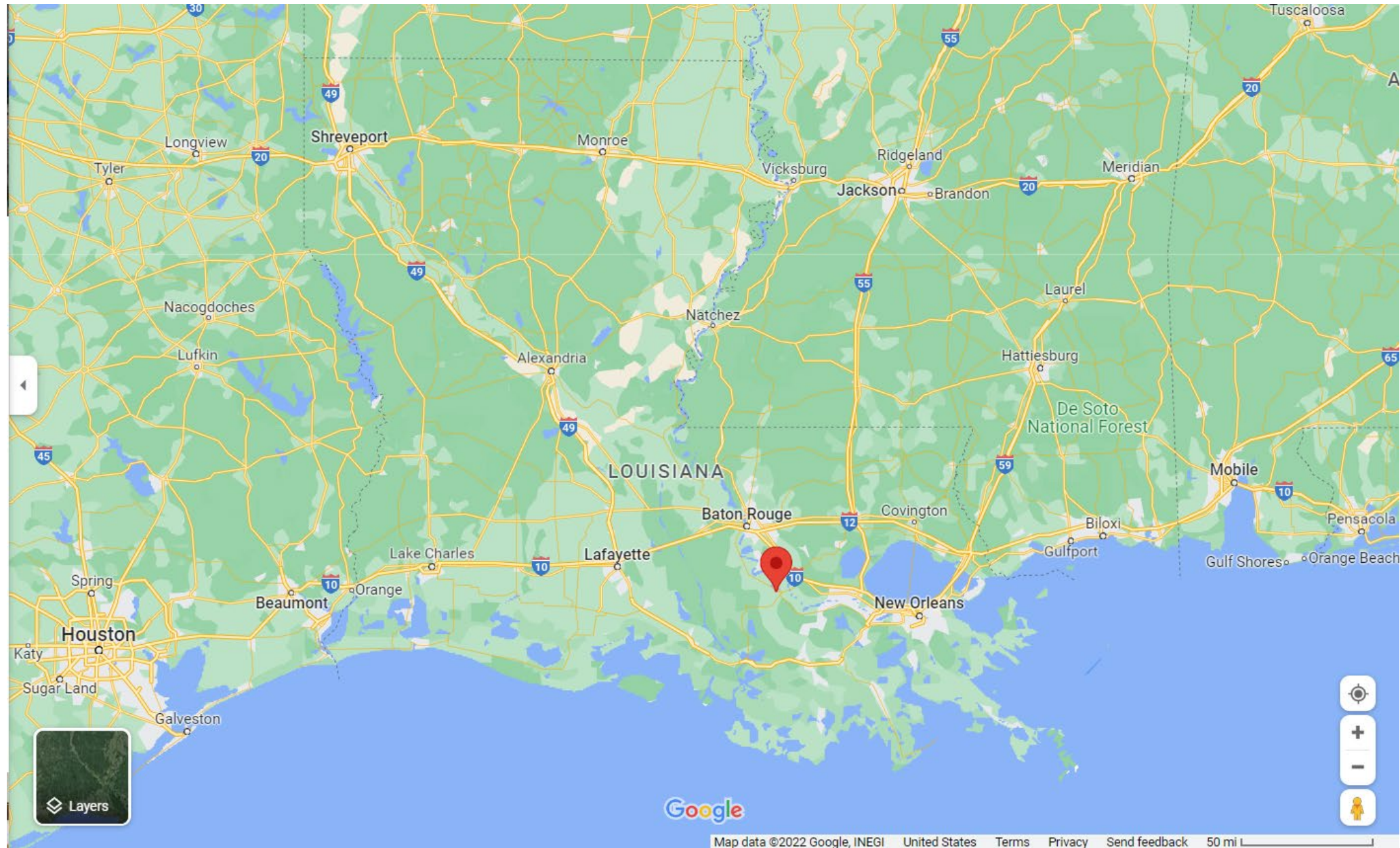
FOR YEAR ENDING 6/30: 40.2%

PART H - ADDITIONAL INFORMATION

PART I - PREPARER	
George Mouledoux Jr,Consultant (Preparer's Name and Title)	(504) 891-4711 (Area Code and Telephone Number)
george@nationalcorrosion.com (Preparer's email address)	(Area Code and Facsimile Number)

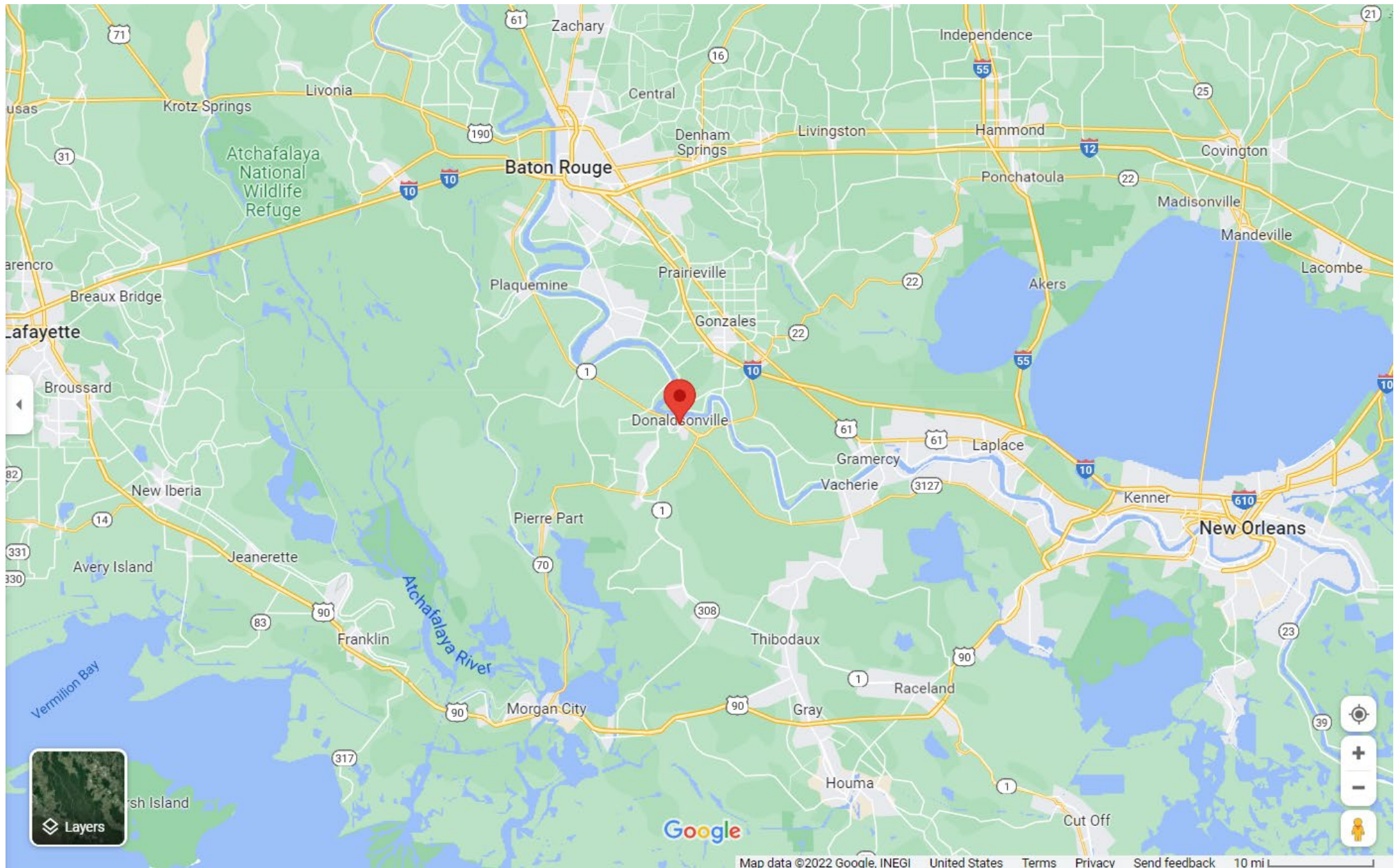
ATTACHMENT B: PROJECT LOCATION

Natural Gas System Infrastructure Improvements - Phase III
City of Donaldsonville, Louisiana



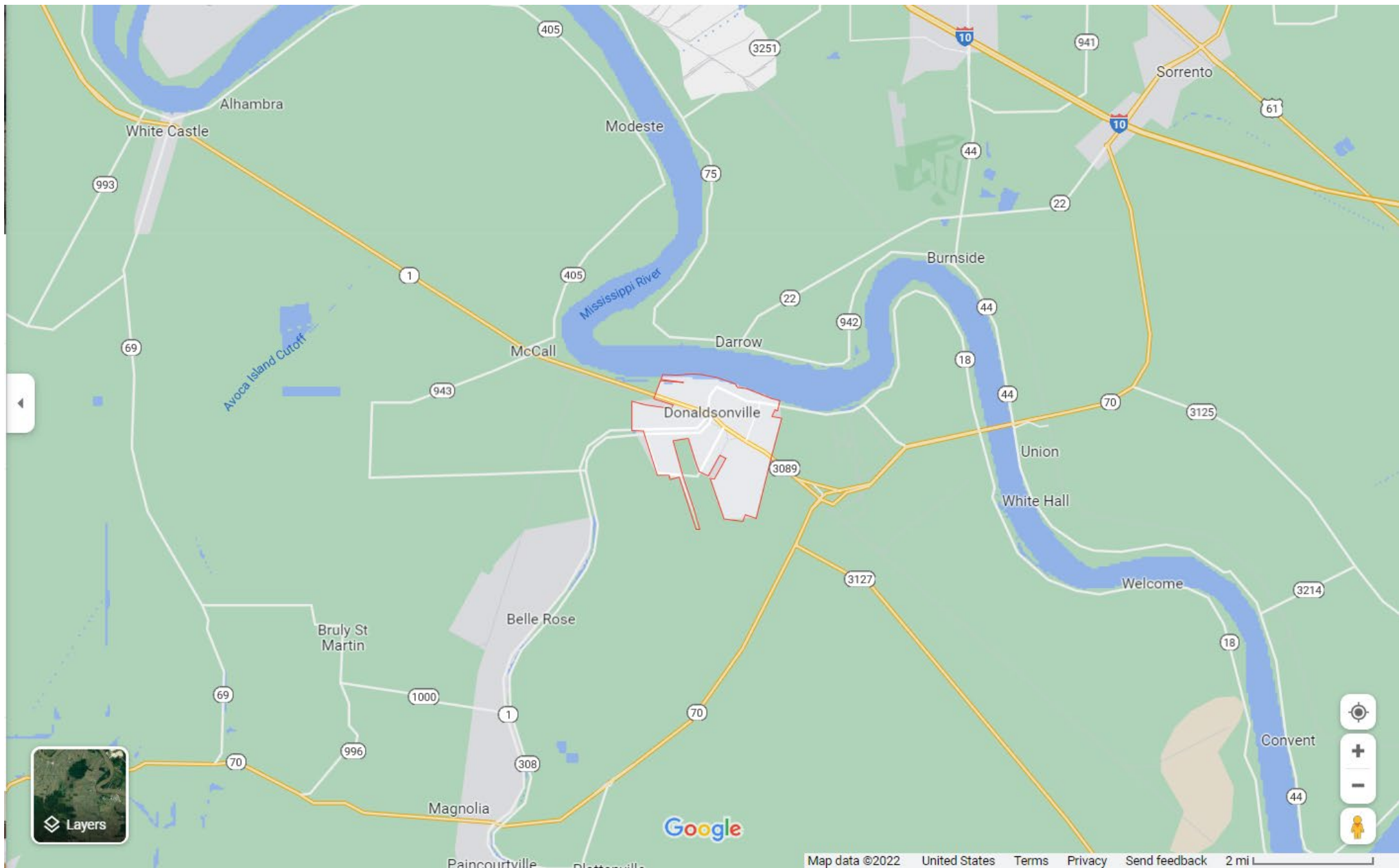
ATTACHMENT B: PROJECT LOCATION

Natural Gas System Infrastructure Improvements - Phase III
City of Donaldsonville, Louisiana



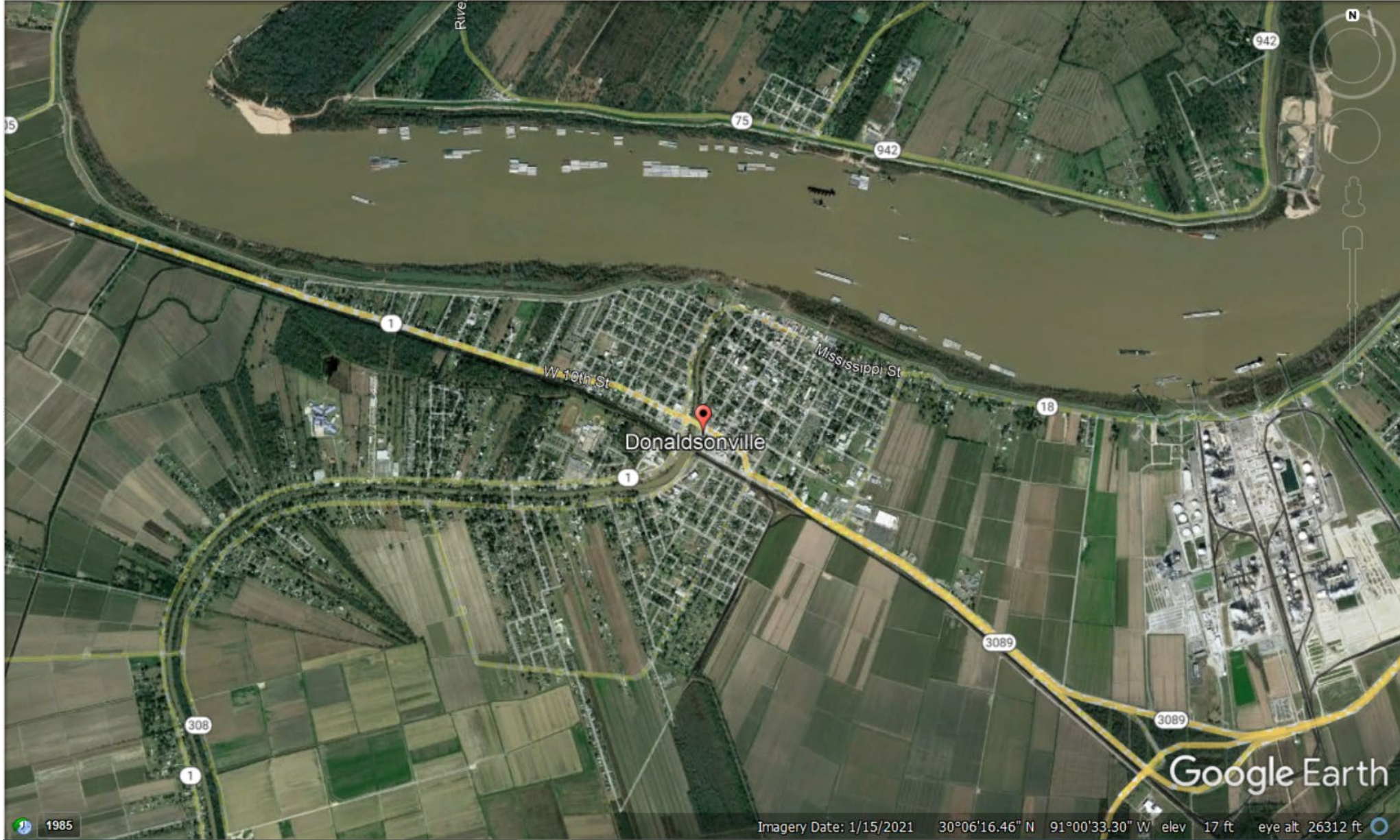
ATTACHMENT B: PROJECT LOCATION

Natural Gas System Infrastructure Improvements - Phase III
City of Donaldsonville, Louisiana



ATTACHMENT B: PROJECT LOCATION

Natural Gas System Infrastructure Improvements - Phase III
City of Donaldsonville, Louisiana



Natural Gas System Infrastructure Improvements - Phase III
City of Donaldsonville, Louisiana

Attachment C: Detailed Project Budget and Opinion of Probable Cost

Administrative and Legal Fees	\$ 1,660,000.00
Land, Structures, Rights-of-Way, Appraisals, etc.	\$ -
Relocation Expenses & Payments	\$ -
Architectural & Engineering Fees	\$ 2,135,000.00
Other Architectural and Engineering Fees	\$ 387,500.00
Project Inspection Fees	\$ 436,800.00
Site Work	\$ -
Demolition & Removal	\$ -
Construction	\$ 28,573,342.00
Equipment	\$ 70,000.00
Miscellaneous	\$ -
SUBTOTAL	\$ 33,262,642.00
Contingencies	\$ -
SUBTOTAL	\$ 33,262,642.00
Project (Program) Income	\$ -
TOTAL	\$ 33,262,642.00

Administrative and Legal Fees

	Description		Total
Task 1	Administrative Fees (Contractual - Gouras & Associates, LLC)	5% of Total Award (Estimated)	\$ 1,660,000.00
	TOTAL ADMINISTRATIVE AND LEGAL FEES		\$ 1,660,000.00

Architectural & Engineering Fees

	Description		Total
Task 2	Engineering Fees (Contractual - McKim & Creed)	7.5% of Construction Costs (Estimated)	\$ 2,135,000.00
	TOTAL ARCHITECTURAL & ENGINEERING FEES		\$ 2,135,000.00

Other Architectural and Engineering Fees

	Description		Total
Task 3	Permitting	See attached "COST ESTIMATE FOR CITY WIDE GAS MAIN AND SERVICE PIPE REPLACEMENT" for Additional Detail	\$ 42,500.00
	Survey		\$ 230,000.00
	Geotechnical		\$ 30,000.00
	Hydraulic Modeling		\$ 85,000.00
	TOTAL OTHER ARCHITECTURAL & ENGINEERING FEES		\$ 387,500.00

Project Inspection Fees

	Description		Total
Task 4	Construction Phase Inspection / Resident Project Representative (Contractual - McKim & Creed)	1.5% of Construction Costs (Estimated)	\$ 436,800.00
	TOTAL PROJECT INSPECTION FEES		\$ 436,800.00

Construction

	Description	Units	Cost per Unit	Total
Task 5	Construction of Natural Gas System Infrastructure Improvements - Phase III	See attached "COST ESTIMATE FOR CITY WIDE GAS MAIN AND SERVICE PIPE REPLACEMENT" for Additional Detail		\$ 28,573,342.00
	TOTAL CONSTRUCTION			\$ 28,573,342.00

Equipment

	Description	Units	Cost per Unit	Total
Task 6	E50 R2-Series Bobcat Compact Excavator	See attached "Product Quotation / Quotation Number: MMB-00984" for Additional Detail		\$ 70,000.00
	TOTAL CONSTRUCTION			\$ 70,000.00



NATURAL GAS SYSTEM INFRASTRUCTURE IMPROVEMENTS PHASE III
COST ESTIMATE FOR CITY WIDE GAS MAIN
AND SERVICE PIPE REPLACEMENT
CITY OF DONALDSONVILLE, LA
PROJECT NO. 2020-09
August 8, 2022



McKIM & CREED
GSA
CONSULTING ENGINEERS

Cost estimate by Zones					
Description	Size	Quantity	Unit of Measurement	Unit Cost	Cost Extension
Zone 1 (Areas 1 and 2)					
Construction Costs					
Exploratory Excavation		33	EA	\$ 3,850.00	\$ 127,050.00
Service Pipe	1	312	LF	\$ 13.75	\$ 4,290.00
Anodeless Service Riser	1	312	EA	\$ 660.00	\$ 205,920.00
Service Tap W/Integral Excess Flow Valve	1	312	EA	\$ 880.00	\$ 274,560.00
Location Marker		312	EA	\$ 165.00	\$ 51,480.00
MDPE Gas Main	2	11630	LF	\$ 33.00	\$ 383,790.00
MDPE Gas Main	3	10775	LF	\$ 38.50	\$ 414,837.50
MDPE Gas Main	6	18350	LF	\$ 55.00	\$ 1,009,250.00
Remove & Replace Asphalt Street Pavement		33	Sq Yd	\$ 165.00	\$ 5,445.00
Remove & Replace Concrete Street Pavement		33	Sq Yd	\$ 330.00	\$ 10,890.00
Remove & Replace Concrete Drive Pavement		83	Sq Yd	\$ 275.00	\$ 22,825.00
Remove & Replace Concrete Walk Pavement		16	Sq Yd	\$ 220.00	\$ 3,520.00
Limestone		165	in-Sq Yd	\$ 22.00	\$ 3,630.00
Relocation of Infrastructure and Removal of Structures and Obstructions		1	LS	\$ 27,293.00	\$ 27,293.00
Construction Photographs		1	LS	\$ 910.00	\$ 910.00
Audio/Video Survey		1	LS	\$ 1,820.00	\$ 1,820.00
Mobilization		1	LS	\$ 318.42	\$ 318.42
Contingency		1	LS	\$ 636,957.23	\$ 636,957.23
Estimated Subtotal Construction Costs					\$ 3,184,786.16
Non-Construction Costs					
Survey		1	LS	\$ 38,045.50	\$ 38,045.50
Geotechnical (For Railroad and Bayou Lafourche crossings)		1	LS	\$ 4,962.46	\$ 4,962.46
Hydraulic Modeling		1	LS	\$ 14,060.29	\$ 14,060.29
Engineering Design		1	LS	\$ 289,476.62	\$ 289,476.62
Bidding		1	LS	\$ 4,962.46	\$ 4,962.46
Engineering Services During Construction		1	LS	\$ 53,759.94	\$ 53,759.94
Resident Project Representative		1	LS	\$ 72,253.36	\$ 72,253.36
Contract Closeout		1	LS	\$ 4,962.46	\$ 4,962.46
Estimated Subtotal Non-Construction Costs					\$ 482,483.09
Total Estimated Cost					\$ 3,667,269.25

Zone 2 (Area 3)					
Construction Costs					
Exploratory Excavation		149	Ea	\$ 3,850.00	\$ 573,650.00
Service Pipe	1	226685	LF	\$ 13.75	\$3,116,918.75
Anodeless Service Riser	1	1413	Ea	\$ 660.00	\$ 932,580.00
Service Tap W/Integral Excess Flow Valve	1	1413	Ea	\$ 880.00	\$1,243,440.00
Location Marker		1413	Ea	\$ 165.00	\$ 233,145.00
MDPE Gas Main	2	88735	LF	\$ 33.00	\$2,928,255.00
MDPE Gas Main	3	32325	LF	\$ 38.50	\$1,244,512.50
MDPE Gas Main	4	37300	LF	\$ 44.00	\$1,641,200.00
MDPE Gas Main	6	25890	LF	\$ 55.00	\$1,423,950.00
MDPE Valve W/ CI Box	2	130	Ea	\$ 1,925.00	\$ 250,250.00
MDPE Valve W/ CI Box	3	90	Ea	\$ 2,200.00	\$ 198,000.00
MDPE Valve W/ CI Box	4	70	Ea	\$ 2,750.00	\$ 192,500.00
MDPE Valve W/ CI Box	6	20	Ea	\$ 3,300.00	\$ 66,000.00
MDPE Reducer	2X4	5	Ea	\$ 880.00	\$ 4,400.00
MDPE Reducer	3X4	5	Ea	\$ 990.00	\$ 4,950.00
MDPE Reducer	4X6	1	Ea	\$ 1,100.00	\$ 1,100.00
Tie to Existing MDPE Pipe	3	20	Ea	\$ 3,300.00	\$ 66,000.00
Tie to Existing MDPE Pipe	4	10	Ea	\$ 4,400.00	\$ 44,000.00
Tie to Existing MDPE Pipe	6	14	Ea	\$ 6,600.00	\$ 92,400.00
Remove & Replace Asphalt Street Pavement		150	Sq Yd	\$ 165.00	\$ 24,750.00
Remove & Replace Concrete Street Pavement		374	Sq Yd	\$ 330.00	\$ 123,420.00
Remove & Replace Concrete Drive Pavement		747	Sq Yd	\$ 275.00	\$ 205,425.00
Remove & Replace Concrete Walk Pavement		747	Sq Yd	\$ 220.00	\$ 164,340.00
Limestone		37391	In-Sq Yd	\$ 22.00	\$ 822,602.00
Relocation of Infrastructure and Removal of Structures and Obstructions		1	LS	\$ 123,391.00	\$ 123,391.00
Project Sign		1	LS	\$ 1,650.00	\$ 1,650.00
Construction Photographs		1	LS	\$ 4,113.00	\$ 4,113.00
Audio/Video Survey		1	LS	\$ 8,226.00	\$ 8,226.00
Mobilization		1	LS	\$ 1,439,570.00	\$1,439,570.00
Contingency		1	LS	\$ 4,293,684.56	\$4,293,684.56
Estimated Subtotal Construction Costs					\$ 21,468,422.81
Non-Construction Costs					
Permitting					
Railroad		3	Ea	\$ 7,500.00	\$ 22,500.00
Bayou Lafourche		1	Ea	\$ 5,000.00	\$ 5,000.00
LADOTD		5	Ea	\$ 3,000.00	\$ 15,000.00
Survey		1	LS	\$ 172,000.00	\$ 172,000.00
Geotechnical (For Railroad and Bayou Lafourche crossings)		1	LS	\$ 22,435.00	\$ 22,435.00
Hydraulic Modeling		1	LS	\$ 63,565.00	\$ 63,565.00
Engineering Design		1	LS	\$ 1,308,700.00	\$1,308,700.00
Bidding		1	LS	\$ 22,434.00	\$ 22,434.00
Engineering Services During Construction		1	LS	\$ 243,044.00	\$ 243,044.00
Resident Project Representative		1	LS	\$ 326,651.00	\$ 326,651.00
Contract Closeout		1	LS	\$ 22,435.00	\$ 22,435.00
Estimated Subtotal Non-Construction Costs					\$ 2,223,764.00
Total Estimated Cost					\$ 23,692,186.81

Zone 3 (Areas 4 and 5)					
Construction Costs					
Exploratory Excavation		18	Ea	\$ 3,850.00	\$ 69,300.00
Service Pipe		75848	LF	\$ 13.75	\$ 1,042,910.00
Anodeless Service Riser		164	Ea	\$ 660.00	\$ 108,240.00
Service Tap W/Integral Excess Flow Valve		164	Ea	\$ 880.00	\$ 144,320.00
Location Marker		164	Ea	\$ 165.00	\$ 27,060.00
MDPE Gas Main	2	8280	LF	\$ 33.00	\$ 273,240.00
MDPE Gas Main	3	2210	LF	\$ 38.50	\$ 85,085.00
MDPE Gas Main	4	10885	LF	\$ 44.00	\$ 478,940.00
Remove & Replace Asphalt Street Pavement		17	Sq Yd	\$ 165.00	\$ 2,805.00
Remove & Replace Concrete Street Pavement		93	Sq Yd	\$ 330.00	\$ 30,690.00
Remove & Replace Concrete Drive Pavement		170	Sq Yd	\$ 275.00	\$ 46,750.00
Remove & Replace Concrete Walk Pavement		237	Sq Yd	\$ 220.00	\$ 52,140.00
Limestone		12444	In-Sq Yd	\$ 22.00	\$ 273,768.00
Relocation of Infrastructure and Removal of Structures and Obstructions		1	LS	\$ 14,316.00	\$ 14,316.00
Construction Photographs		1	LS	\$ 477.00	\$ 477.00
Audio/Video Survey		1	LS	\$ 954.00	\$ 954.00
Mobilization		1	LS	\$ 485,111.58	\$ 485,111.58
Contingency		1	LS	\$ 784,026.63	\$ 784,026.63
Estimated Subtotal Construction Costs					\$ 3,920,133.20
Non-Construction Costs					
Survey		1	LS	\$ 19,954.50	\$ 19,954.50
Geotechnical (For Railroad and Bayou Lafourche crossings)		1	LS	\$ 2,602.54	\$ 2,602.54
Hydraulic Modeling		1	LS	\$ 7,374.71	\$ 7,374.71
Engineering Design		1	LS	\$ 151,823.38	\$ 151,823.38
Bidding		1	LS	\$ 2,603.54	\$ 2,603.54
Engineering Services During Construction		1	LS	\$ 28,196.06	\$ 28,196.06
Resident Project Representative		1	LS	\$ 37,895.64	\$ 37,895.64
Contract Closeout		1	LS	\$ 2,602.54	\$ 2,602.54
Estimated Subtotal Non-Construction Costs					\$ 253,052.91
Total Estimated Cost					\$ 4,173,186.11
Total Project Cost All Phases Construction and Non-Construction Cost					\$ 31,532,642.17



Bobcat

Product Quotation

Quotation Number: MMB-00984

Date: 2022-08-08 13:35:37

Customer Name/Address:

Bobcat Delivering Dealer

ORDERS TO BE PLACED WITH:
Contract Holder/Manufacturer

CITY OF DONALDSONVILLE
Attn: MAYOR LEROY SULLIVAN
609 RAILROAD AVE
DONALDSONVILLE, LA 70346

Emery Equipment Sales & Rental,
Inc., Baton Rouge
12181 AIRLINE HWY
BATON ROUGE LA 70817
Phone: (225) 753-0541
Fax: (225) 756-8839

Clark Equipment Company
dba Bobcat Company
250 E Beaton Dr
West Fargo, ND 58078
Phone: 701-241-8719
Fax: 855-608-0681
Contact: Heather Messmer
Heather.Messmer@doosan.com

Description	Part No	Qty	Price Ea.	Total
E50 R2-Series Bobcat Compact Excavator	M3319	1	\$52,790.50	\$52,790.50
HB1180 Hydraulic Breaker with Nail Point	7115923	1	\$9,373.84	\$9,373.84
--- X-Change Mounting Cap - HB1180/HB1380/NB170	7117325	1	\$547.96	\$547.96
--- Hose Kit - E60, E42 & E50 R2 All Arms	7175244	1	\$247.76	\$247.76

Total of Items Quoted	\$62,960.06
Dealer Assembly Charges	\$0.00
Other Charges: Material and Logistics	\$6,661.00
Quote Total - US dollars	\$69,621.06

Notes:

***Prices per the Louisiana State Contract - 4400017962**

***Terms Net 60 Days. Credit cards accepted.**

***FOB Destination**

***State Sales Taxes apply. IF Tax Exempt, please include Tax Exempt Certificate with order.**

***TID# 38-0425350**

***Orders Must Be Placed with Clark Equipment Company dba Bobcat Company, Govt Sales, 250 E Beaton Drive, West Fargo, ND 58078.**

***Quote valid for 30 days**

ORDER ACCEPTED BY:

SIGNATURE

DATE

PRINT NAME AND TITLE

PURCHASE ORDER NUMBER

DELIVERY ADDRESS: _____

BILLING ADDRESS (if different than Ship To): _____

TAX EXEMPT? _____ **YES** _____ **NO**

Exempt in the State of _____

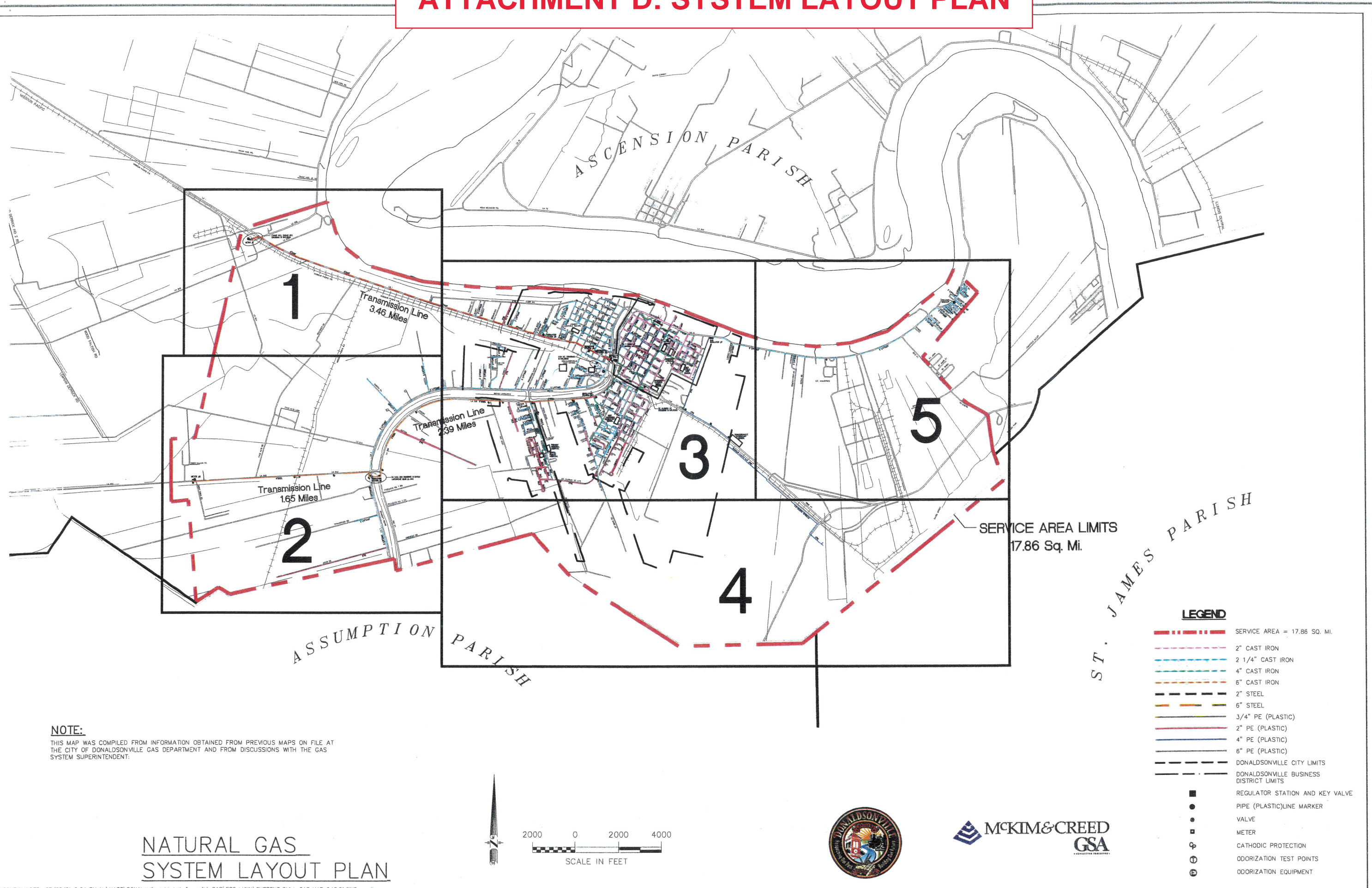
Tax Exempt ID:

FEDERAL - _____

STATE - _____

Expiration Date: _____

ATTACHMENT D: SYSTEM LAYOUT PLAN

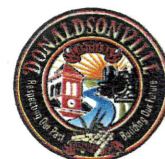


NOTE:
THIS MAP WAS COMPILED FROM INFORMATION OBTAINED FROM PREVIOUS MAPS ON FILE AT THE CITY OF DONALDSONVILLE GAS DEPARTMENT AND FROM DISCUSSIONS WITH THE GAS SYSTEM SUPERINTENDENT.

NATURAL GAS SYSTEM LAYOUT PLAN



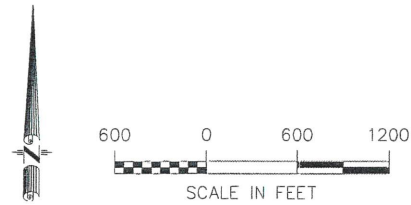
2000 0 2000 4000
SCALE IN FEET



MCKIM & CREED
GSA
CONSULTING ENGINEERS

LEGEND

- SERVICE AREA = 17.86 SQ. MI.
- 2" CAST IRON
- 2 1/4" CAST IRON
- 4" CAST IRON
- 6" CAST IRON
- 2" STEEL
- 6" STEEL
- 3/4" PE (PLASTIC)
- 2" PE (PLASTIC)
- 4" PE (PLASTIC)
- 6" PE (PLASTIC)
- DONALDSONVILLE CITY LIMITS
- DONALDSONVILLE BUSINESS DISTRICT LIMITS
- REGULATOR STATION AND KEY VALVE
- PIPE (PLASTIC) LINE MARKER
- VALVE
- METER
- ⊕ CATHODIC PROTECTION
- ⊕ ODORIZATION TEST POINTS
- ⊕ ODORIZATION EQUIPMENT



LEGEND

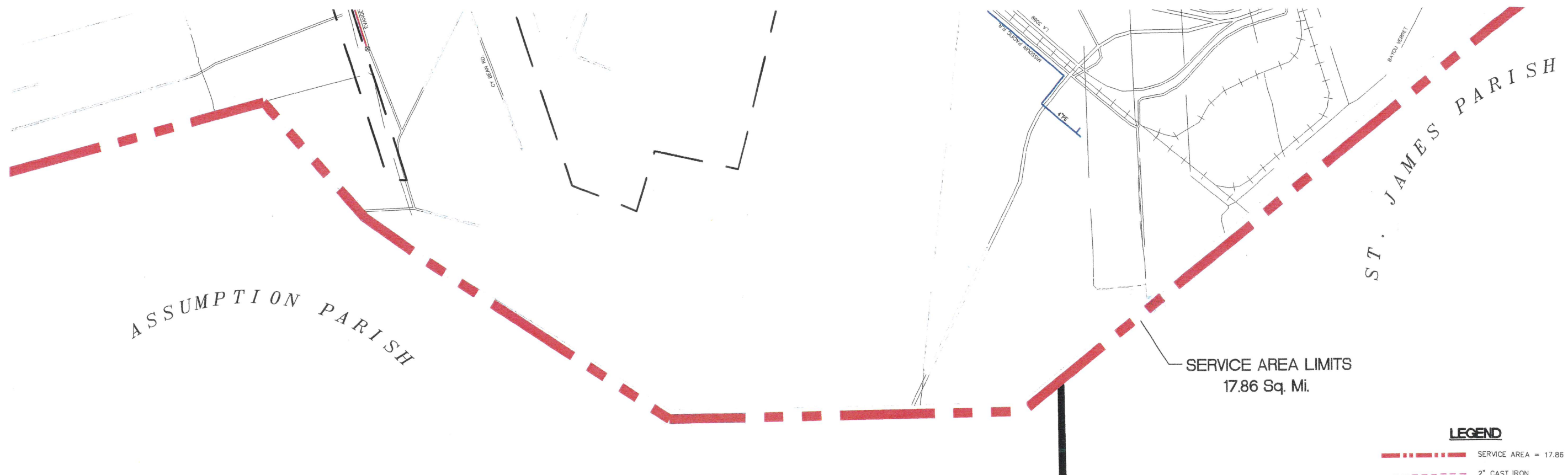
- SERVICE AREA = 17.86 SQ. MI.
- 2" CAST IRON
- 2 1/4" CAST IRON
- 4" CAST IRON
- 6" CAST IRON
- 2" STEEL
- 6" STEEL
- 3/4" PE (PLASTIC)
- 2" PE (PLASTIC)
- 4" PE (PLASTIC)
- 6" PE (PLASTIC)
- DONALDSONVILLE CITY LIMITS
- DONALDSONVILLE BUSINESS DISTRICT LIMITS
- REGULATOR STATION AND KEY VALVE
- PIPE (PLASTIC) LINE MARKER
- VALVE
- METER
- ⊕ CATHODIC PROTECTION
- ⊙ ODORIZATION TEST POINTS
- ⊙ ODORIZATION EQUIPMENT

NOTE:

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NATURAL GAS SYSTEM LAYOUT PLAN





NOTE:

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NATURAL GAS
SYSTEM LAYOUT PLAN

LEGEND

- SERVICE AREA = 17.86 SQ. MI.
- 2" CAST IRON
- 2 1/4" CAST IRON
- 4" CAST IRON
- 6" CAST IRON
- 2" STEEL
- 6" STEEL
- 3/4" PE (PLASTIC)
- 2" PE (PLASTIC)
- 4" PE (PLASTIC)
- 6" PE (PLASTIC)
- DONALDSONVILLE CITY LIMITS
- DONALDSONVILLE BUSINESS DISTRICT LIMITS
- REGULATOR STATION AND KEY VALVE
- PIPE (PLASTIC) LINE MARKER
- VALVE
- METER
- ⊕ CATHODIC PROTECTION
- ⊕ ODORIZATION TEST POINTS
- ⊕ ODORIZATION EQUIPMENT



600 0 600 1200
SCALE IN FEET

LEGEND

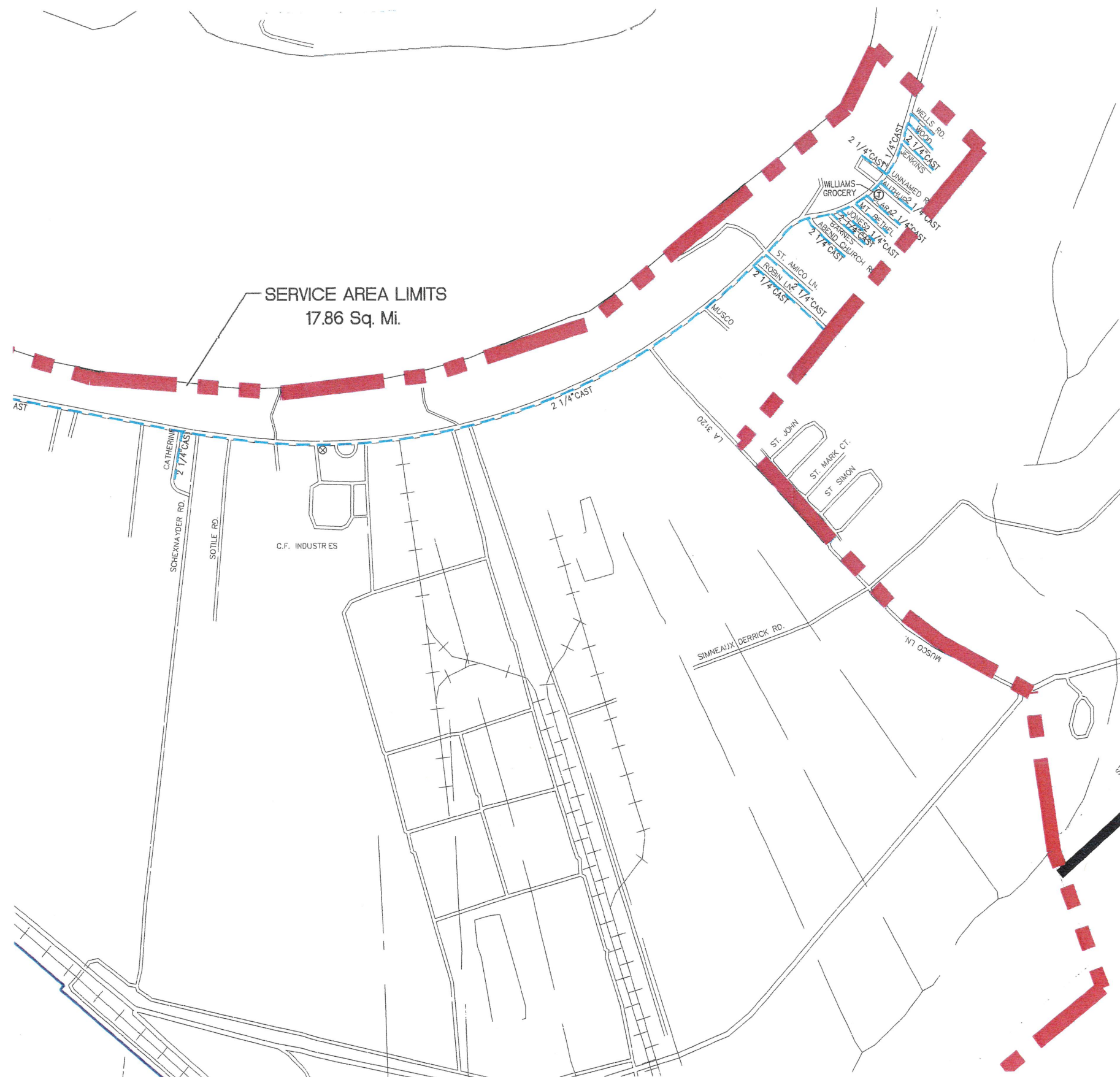
- SERVICE AREA = 17.86 SQ. MI.
- 2" CAST IRON
- 2 1/4" CAST IRON
- 4" CAST IRON
- 6" CAST IRON
- 2" STEEL
- 6" STEEL
- 3/4" PE (PLASTIC)
- 2" PE (PLASTIC)
- 4" PE (PLASTIC)
- 6" PE (PLASTIC)
- DONALDSONVILLE CITY LIMITS
- DONALDSONVILLE BUSINESS DISTRICT LIMITS
- REGULATOR STATION AND KEY VALVE
- PIPE (PLASTIC) LINE MARKER
- VALVE
- METER
- ⊕ CATHODIC PROTECTION
- ⊕ ODORIZATION TEST POINTS
- ⊕ ODORIZATION EQUIPMENT

**NATURAL GAS
SYSTEM LAYOUT PLAN**

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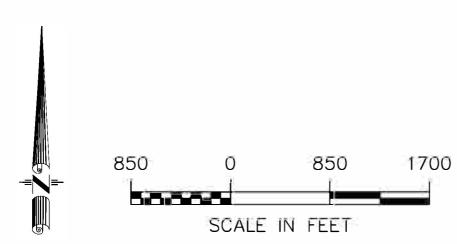
NOTE:

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NATURAL GAS SYSTEM LAYOUT PLAN

NOTE:
THIS MAP WAS COMPILED FROM INFORMATION OBTAINED FROM PREVIOUS MAPS ON FILE AT THE CITY OF DONALDSONVILLE GAS DEPARTMENT AND FROM DISCUSSIONS WITH THE GAS SYSTEM SUPERINTENDENT.



LEGEND	
	SERVICE AREA = 17.86 SQ. MI.
	2" CAST IRON
	2 1/4" CAST IRON
	4" CAST IRON
	6" CAST IRON
	2" STEEL
	6" STEEL
	3/4" PE (PLASTIC)
	2" PE (PLASTIC)
	4" PE (PLASTIC)
	6" PE (PLASTIC)
	DONALDSONVILLE CITY LIMITS
	DONALDSONVILLE BUSINESS DISTRICT LIMITS
	REGULATOR STATION AND KEY VALVE
	PIPE (PLASTIC) LINE MARKER
	VALVE
	METER
	CATHODIC PROTECTION
	ODORIZATION TEST POINTS
	ODORIZATION EQUIPMENT

