

City of Graysville, AL

Statement Regarding Indirect Cost

Graysville is applying as a “city or township government.” and does not have a federally negotiated indirect cost rate. The 10% default rate is submitted pursuant to the new guidance, “Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards at 2 CFR §200 which provides that as an entity other state and local government and Indian tribes described in Appendix VII to 2 CFR Part 200(d)(1)(B)), we may choose this 10% de minimis rate.

City of Graysville, AL

Buy American Assurance

The City of Graysville will fully comply with all policies, recommendations, and mandates of the 2021 Infrastructure Investment and Jobs Act (“IIJA”), Pub. L. No. 117-58, which includes the Build America, Buy America Act (“the Act”). Pub. L. No. 117-58, §§ 70901-52. The Act strengthens Made in America Laws to bolster America’s industrial base, protect national security, and support high-paying jobs. As such, Graysville will work to ensure that “none of the funds made available for a Federal financial assistance program for infrastructure, including each deficient program, may be obligated for a project unless all of the iron, steel, manufactured products, and construction materials used in the project are produced in the United States.”

The Act affirms, consistent with Executive Order 14005, Ensuring the Future Is Made in All of America by All of America’s Workers (“the Executive Order”), this Administration’s priority to “use terms and conditions of Federal financial assistance awards to maximize the use of goods, products, and materials produced in, and services offered in, the United States.” The Act provides statutory authorities for the Made in America Office (“MIAO”) in the Office of Management and Budget (“OMB”) to maximize and enforce compliance with Made in America Laws. MIAO aims to increase reliance on domestic supply chains and reduce the need for waivers through a strategic process aimed at: achieving consistency across agencies; gathering data to support decision-making to make U.S. supply chains more resilient; bringing increased transparency to waivers in order to send clear demand signals to domestic producers; and concentrating efforts on changes that will have the greatest impact.

Per this policy, Graysville will ensure compliance with section 70914 of the Act, including by the incorporation of a Buy America preference in the terms and conditions of each award with an infrastructure project. Buy America preference will be made in the purchase and procurement processes to ensure:

- 1) All iron and steel used in the project are produced in the United States. This means all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States.
- (2) All manufactured products used in the project are produced in the United States. This means the manufactured product was manufactured in the United States, and the cost of the components of the manufactured product that are mined, produced, or manufactured in the United States is greater than 55 percent of the total cost of all components of the manufactured product, unless another standard for determining the minimum amount of domestic content of the manufactured product has been established under applicable law or regulation.
- (3) All construction materials are manufactured in the United States. This means that all manufacturing processes for the construction material occurred in the United States.

City of Graysville, AL

Procurement of Property and Services

Timeline

Project Component	Start Date	Completion Date
Grant Award notification to replace deteriorating cast iron pipelines	Feb 2023	March 2023
PHMSA's Environmental Review	Feb 2023	Apr 2023
Public engagement, work with PHMSA in contract bidding process for project	Mar 2023	Jun 2023
Bid Process to line new PE gas lines to replace 10 miles of 70+ years old cast iron pipelines.	May 2023	July 2023
Contractor selected and project completion timeline finalized	July 2023	July 2023
Work with all applicable federal, state, and local entities regarding permits, requirements, compliance, and best practices	May 2023	Aug 2023
Pipeline Replacement Work	Aug 2023	Aug 2024
Regulator Station Work	Sep 2024	Feb 2025
Testing to ensure the integrity of the system	Aug 2024	July 2025
Project Completion	Oct 2025	Dec 2025
Final Reporting	Dec 2025	Feb 2026

Project Summary

Activity	Deliverable
Grant Application Process	Grant funding
PHMSA's Environmental Review	Completion of Tier 1 & Tier 2 Assessments
Bid Process to line new PE gas lines to replace 10 miles of 70+ years old cast iron pipelines.	At least 2-3 qualifying bids for project
Contractor selected and project completion timeline finalized	Contract award and outline of project requirements and deliverables
Work with all applicable federal, state, and local entities regarding permits, requirements, compliance, and best practices	Completion of all required permits
Pipeline Replacement Work	Materials on site and initiation of project
Regulator Station Work	Replacement of antiquated components
Testing to ensure the integrity of the system	Quality Control and additional environmental reviews
Project Completion	New PE gas pipeline system in Graysville
Reporting and Compliance	Continued work with PHMSA to ensure compliance combined with continued maintenance, and assessment.

PIPELINE AND HAZARDOUS MATERIALS SAFETY ADMINISTRATION (PHMSA)

Procurement of Property and Services Form

2 CFR 200.320 – Methods of procurement to be followed:

The non-Federal entity must have and use documented procurement procedures, consistent with the standards of section CFR 2 Part 200.317, 200.318, and 200.319 for any of the following methods of procurement used for the acquisition of property or services required under a Federal award or sub-award.

Type	Cost (Estimate)	Description of Need
Contractual	\$4,534,994	The City of Graysville will utilize a competitive bid process to secure contractual services for the proposed much needed updates in infrastructure once funding is secured. The city's 70 year old cast iron gas lines are rapidly deteriorating. Graysville’s gas system serves 4,500 customers and despite the city’s work to upgrade the lines in recent years, over 10 miles of cast iron lines desperately need to be replaced. In addition to replacing the lines, six regulator stations in the system will be updated to eliminate the remaining cast iron elements in the system and to regulate the flow of gas throughout the infrastructure to ensure safety and to eliminate environmental concerns.

The United States Department of Transportation (USDOT)

Standard Title VI/Non-Discrimination Assurances

The City of Graysville, AL (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 City of Graysville, AL, 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.”

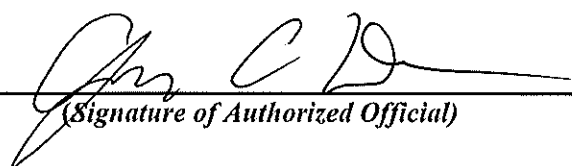
3. The Recipient will insert the clauses of Appendix A and E of this Assurance in every contract or agreement subject to the Acts and the Regulations.
4. The Recipient will insert the clauses of Appendix B of this Assurance, as a covenant running with the land, in any deed from the United States effecting 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 City of Graysville, AL, other recipients, sub-recipients, sub-grantees, contractors, subcontractors and the City of Graysville, AL, 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.

City of Graysville
City of Graysville _____
(Name of Recipient)

by  _____
(Signature of Authorized Official)

DATED 8/4/22

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 City of Graysville, AL + 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 City of Graysville, AL + 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 City of Graysville, AL + 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 City of Graysville, AL +, its successors and assigns.

The City of Graysville, AL +, 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]* City of Graysville, AL
(2) that the City of Graysville, AL 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 City of Graysville, AL 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: City of Graysville, AL
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, City of Graysville, AL 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 City of Graysville, AL 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 City of Graysville, AL 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 City of Graysville, AL 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, City of Graysville, AL 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, City of Graysville, AL will there upon revert to and vest in and become the absolute property of City of Graysville, AL 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.*).

City of Graysville, Alabama
DOT Natural Gas Distribution Infrastructure Safety and Modernization Grant Program
Budget Narrative

Personnel

<i>PERSONNEL</i>	<i>Year 1</i>	<i>Year 2</i>	<i>TOTAL</i>
Project Director (0.33 FTE)	20,000.00	20,000.00	40,000.00
Total Personnel	20,000.00	20,000.00	40,000.00

Project Director (0.33 FTE) will serve as an intermediary between the Graysville Water and Gas Utility, the contractors working on this project, the City of Graysville, and PHMSA. This individual will be tasked with the oversight of the project and the day to day coordination of the Gas Utility personnel in their work in the transition of the system and communication with gas customers impacted during the transition of services. This individual will also be responsible for grant compliance and reporting. Additionally, the Project Director will be the day-to-day point of contact for this grant and will be responsible for ensuring that all grant requirements are met, and that all reports are submitted in a timely and accurate manner. This individual will also be responsible for all data collection associated with this project and the supervision of the collection of data.

Contractual

The City of Graysville requested quotes in preparation of this grant application. However, the city will utilize a competitive bid process to secure contractual services for the proposed much needed updates in infrastructure once funding is secured. The initial itemized quotes are included on the following pages for an estimated total cost of **\$4,534,994.00**

Total Direct Costs: \$4,574,994.00

Indirect

The City of Graysville uses the 10% de minimus rate for indirect services. This 10% indirect rate is used for numerous services for each of our grant funded projects including: Accounting and Budgetary Control, Human Resources, Payroll, Quality Assurance, and Information Technology. Graysville's indirect rate also includes process related to the procurement of goods and services through competitive bidding processes, and sustainability efforts. The City of Graysville will provide oversight of all personnel and contractors associated with this project and will be responsible for all reporting and compliance issues in addition to the documentation of all funds spent.

Indirect Costs: 457,499.00

Total Grant Request: \$5,032,493.00

EXHIBIT "C"

**PRELIMINARY OPINION OF PROBABLE COST
FOR
CITY OF GRAYSVILLE - REGULATOR STATION REPLACEMENTS
Revised 8/1/2022**

DESCRIPTION	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
Graysville Regulating Station	1	L.S.	94,500.00	94,500.00
Adamsville Regulating Station	1	L.S.	94,500.00	94,500.00
(Riderwood)	1	L.S.	99,500.00	99,500.00
Crumley Chapel Regulating Station (Pratt Hwy)	1	L.S.	99,500.00	99,500.00
Union Grove Regulating Station	1	L.S.	99,500.00	99,500.00
McDonald's Chapel Regulating Station	1	L.S.	94,500.00	94,500.00
Contingency @ 10%				58,200.00
TOTAL ESTIMATED CONSTRUCTION COST				\$ 640,200.00
ENGINEERING AND ADMINISTRATION				\$ 51,216.00
ESTIMATED CONSTRUCTION INSPECTION				\$ 48,000.00
TOTAL ESTIMATED COST				\$ 739,416.00

Notes:

1. Station equipment in these 6 stations is the original equipment installed in the 1960's, are obsolete (have not been manufactured for several decades) and no parts are available for repairs. Regulator pilots at these stations have continual bleed to atmosphere in order to operate thus needing replacement for compliance with PHMSA Section 114.
2. Stations include two (2) 2" gas regulator / monitor runs with 4" inlet and outlet piping, one(1) 2x3 relief valve and in-service connections (hot-taps) to existing 4" high-pressure inlet piping and 6" medium- pressure outlet piping. Includes abandonment and removal of existing station piping and modifications to fencing and site.

EXHIBIT "C"

**PRELIMINARY OPINION OF PROBABLE COST
FOR
CITY OF GRAYSVILLE - SUPPLEMENTAL NEEDED IMPROVEMENTS
8/1/2022**

ADDITIONAL REGULATOR STATION REPLACEMENTS				
DESCRIPTION	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
Docena Regulating Station	1	L.S.	94,500.00	94,500.00
Minor Regulating Station	1	L.S.	94,500.00	94,500.00
Trailer Park Regulating Station	1	L.S.	85,000.00	85,000.00
Border Station No. 1	1	L.S.	75,000.00	75,000.00
Contingency @ 10%				34,900.00
TOTAL ESTIMATED CONSTRUCTION COST				\$ 383,900.00
ENGINEERING AND ADMINISTRATION				\$ 30,712.00
ESTIMATED CONSTRUCTION INSPECTION				\$ 32,000.00
TOTAL ESTIMATED COST				\$ 446,612.00

MISCELLANEOUS NEEDED ITEMS				
DESCRIPTION	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
Rectifier Box with Ground Bed	6	Each	4,500.00	27,000.00
Gas Detector - Rover II	3	Each	5,200.00	15,600.00
Pressure Recorder - Paper Chart Type	11	Each	3,300.00	36,300.00
System Mapping w/ Valve Sheets	1	L.S.	65,000.00	65,000.00
Contingency @ 10%				14,390.00
TOTAL ESTIMATED COST				\$ 158,290.00

EXHIBIT "A"

**PRELIMINARY OPINION OF PROBABLE COST
FOR PROJECT 472-L
CITY OF GRAYSVILLE - CAST IRON GAS FACILITIES REPLACEMENT
7/13/2022**

DESCRIPTION	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
2" PE Pipe	27,065	L.F.	22.00	595,430.00
1-1/4" PE Pipe	15	L.F.	22.00	330.00
1" PE Pipe	160	L.F.	19.00	3,040.00
3/4" PE Service Line	2,045	L.F.	19.00	38,855.00
1/2" PE Service Line	8,000	L.F.	18.00	144,000.00
12-Gauge Locating Wire	37,285	L.F.	1.00	37,285.00
2" PE Valves w/Box	32	EA.	1,600.00	51,200.00
2" Bores	4,315	L.F.	30.00	129,450.00
Service Bores	1,800	L.F.	22.00	39,600.00
2" PE to 2-1/4" Cast Iron Connections	1	EA.	3,500.00	3,500.00
2" PE to 2" Steel Connections	6	EA.	3,000.00	18,000.00
2" PE to 1-1/4" PE Connections	4	EA.	3,000.00	12,000.00
2" PE to 2" PE Connections	17	EA.	3,000.00	51,000.00
2-1/4" Line Stopper Fittings	1	EA.	4,000.00	4,000.00
2" Line Stopper Fittings	6	EA.	3,500.00	21,000.00
Service Reconnections	41	EA.	1,000.00	41,000.00
Service Replacements	114	EA.	1,400.00	159,600.00
Asphalt Replacement - Jeffco	50	L.F.	200.00	10,000.00
Asphalt Replacement	50	L.F.	50.00	2,500.00
Rock Excavation Removal	8,070	L.F./F.D.	4.00	32,280.00
Line Markers	75	EA.	75.00	5,625.00
Contingency @ 10%				139,969.50
TOTAL ESTIMATED CONSTRUCTION COST				\$ 1,539,664.50
ESTIMATED ENGINEERING AND ADMINISTRATION				\$ 110,900.00
ESTIMATED CONSTRUCTION INSPECTION				\$ 104,000.00
TOTAL ESTIMATED PROJECT COST				\$ 1,754,564.50

EXHIBIT "B"

**PRELIMINARY OPINION OF PROBABLE COST
FOR PROJECT 472-M
CITY OF GRAYSVILLE - CAST IRON GAS FACILITIES REPLACEMENT
7/13/2022**

DESCRIPTION	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
4" PE Pipe	2,080	L.F.	30.00	62,400.00
2" PE Pipe	17,525	L.F.	22.00	385,550.00
1" PE Pipe	700	L.F.	19.00	13,300.00
3/4" PE Service Line	1,859	L.F.	19.00	35,321.00
1/2" PE Service Line	6,205	L.F.	18.00	111,690.00
12-Gauge Locating Wire	23,465	L.F.	1.00	23,465.00
4" PE Valves w/Box	2	EA.	1,800.00	3,600.00
2" PE Valves w/Box	40	EA.	1,600.00	64,000.00
4" Bores	365	EA.	35.00	12,775.00
2" Bores	2,063	L.F.	30.00	61,890.00
Service Bores	760	L.F.	22.00	16,720.00
6" Hot-Tap Connection	2	EA.	18,000.00	36,000.00
4" PE to 4" PE Connections	3	EA.	3,000.00	9,000.00
2" PE to 2" Steel Connections	1	EA.	3,000.00	3,000.00
2" PE to 1-1/4" PE Connections	2	EA.	3,000.00	6,000.00
2" PE to 2" PE Connections	9	EA.	3,000.00	27,000.00
2" PE to 1" Steel Connections	2	EA.	2,500.00	5,000.00
2" PE to 1" PE Connections	1	EA.	1,500.00	1,500.00
1" PE to 1" Steel Connections	5	EA.	3,000.00	15,000.00
2" Line Stopper Fittings	1	EA.	3,500.00	3,500.00
Service Reconnections	26	EA.	1,000.00	26,000.00
Service Replacements	76	EA.	1,400.00	106,400.00
Grout Fill Existing 6" CI Gas Line	1,675	L.F.	12.00	20,100.00
Grout Fill Existing 4" CI Gas Line	1,905	L.F.	5.00	9,525.00
Asphalt Replacement - Jeffco	85	L.F.	200.00	17,000.00
Asphalt Replacement	40	L.F.	50.00	2,000.00
Rock Excavation Removal	5,897	L.F./F.D.	10.00	58,965.00
Line Markers	72	EA.	75.00	5,400.00
Contingency @ 10%				114,210.10
TOTAL ESTIMATED CONSTRUCTION COST				\$ 1,256,311.10
ESTIMATED ENGINEERING AND ADMINISTRATION				\$ 91,800.00
ESTIMATED CONSTRUCTION INSPECTION				\$ 88,000.00
TOTAL ESTIMATED PROJECT COST				\$ 1,436,111.10

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	1236-Graysville Indirect Rate	Add Attachment	Delete Attachment	View Attachment
2) Please attach Attachment 2	1237-Graysville Buy American	Add Attachment	Delete Attachment	View Attachment
3) Please attach Attachment 3	1238-Graysville Procurement o	Add Attachment	Delete Attachment	View Attachment
4) Please attach Attachment 4	1239-Graysville NGDISM Title	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

Delete Mandatory Budget Narrative

View Mandatory Budget Narrative

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

Add Optional Budget Narrative

Delete Optional Budget Narrative

View Optional Budget Narrative

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 Graysville

* PRINTED NAME AND TITLE OF AUTHORIZED REPRESENTATIVE

Prefix: * First Name: Middle Name:
* Last Name: Suffix:
* Title:

* SIGNATURE:

* DATE:

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:

08/05/2022

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 Graysville

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

636001280

* c. UEI:

C7ANL7NC1LD3

d. Address:

* Street1:

PO Box 130

Street2:

246 South Main

* City:

Graysville

County/Parish:

* State:

AL: Alabama

Province:

* Country:

USA: UNITED STATES

* Zip / Postal Code:

35073-0130

e. Organizational Unit:

Department Name:

Division Name:

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

Prefix:

* First Name:

Kathy

Middle Name:

* Last Name:

Dumas

Suffix:

Title:

City Clerk

Organizational Affiliation:

* Telephone Number:

205-674-5643

Fax Number:

* Email:

kdumas@graysvillecity.org

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.):

Add Attachment

Delete Attachment

View Attachment

* 15. Descriptive Title of Applicant's Project:

Graysville Road Improvements to Ensure Economic Development and Environmental Sustainability

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 * b. Program/Project

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

17. Proposed Project:* a. Start Date: * b. End Date: **18. Estimated Funding (\$):**

* a. Federal	<input type="text" value="5,032,493.00"/>
* b. Applicant	<input type="text" value="0.00"/>
* c. State	<input type="text" value="0.00"/>
* d. Local	<input type="text" value="0.00"/>
* e. Other	<input type="text" value="0.00"/>
* f. Program Income	<input type="text" value="0.00"/>
* g. TOTAL	<input type="text" value="5,032,493.00"/>

*** 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

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: * First Name:

Middle Name:

* Last Name:

Suffix:

* Title: * Telephone Number: Fax Number: * Email: * Signature of Authorized Representative: * Date Signed:

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	\$ <input type="text" value="0.00"/>	\$ <input type="text"/>	\$ <input type="text" value="0.00"/>
2. Land, structures, rights-of-way, appraisals, etc.	\$ <input type="text" value="0.00"/>	\$ <input type="text"/>	\$ <input type="text" value="0.00"/>
3. Relocation expenses and payments	\$ <input type="text" value="0.00"/>	\$ <input type="text"/>	\$ <input type="text" value="0.00"/>
4. Architectural and engineering fees	\$ <input type="text" value="0.00"/>	\$ <input type="text"/>	\$ <input type="text" value="0.00"/>
5. Other architectural and engineering fees	\$ <input type="text" value="284,628.00"/>	\$ <input type="text"/>	\$ <input type="text" value="284,628.00"/>
6. Project inspection fees	\$ <input type="text" value="272,000.00"/>	\$ <input type="text"/>	\$ <input type="text" value="272,000.00"/>
7. Site work	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>
8. Demolition and removal	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>
9. Construction	\$ <input type="text" value="3,978,366.00"/>	\$ <input type="text"/>	\$ <input type="text" value="3,978,366.00"/>
10. Equipment	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>
11. Miscellaneous	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>
12. SUBTOTAL (sum of lines 1-11)	\$ <input type="text" value="4,534,994.00"/>	\$ <input type="text"/>	\$ <input type="text" value="4,534,994.00"/>
13. Contingencies	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>
14. SUBTOTAL	\$ <input type="text" value="4,534,994.00"/>	\$ <input type="text"/>	\$ <input type="text" value="4,534,994.00"/>
15. Project (program) income	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>
16. TOTAL PROJECT COSTS (subtract #15 from #14)	\$ <input type="text" value="4,534,994.00"/>	\$ <input type="text"/>	\$ <input type="text" value="4,534,994.00"/>
FEDERAL FUNDING			
17. Federal assistance requested, calculate as follows: (Consult Federal agency for Federal percentage share.) Enter the resulting Federal share.			Enter eligible costs from line 16c Multiply X <input type="text" value="100"/> % \$ <input type="text" value="4,534,994.00"/>

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
Kathy Dumas	Fire Chief
APPLICANT ORGANIZATION	DATE SUBMITTED
City of Graysville	08/05/2022

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

1-Cover Letter

Name and Title of NOFO: Natural Gas Distribution Infrastructure Safety and Modernization Grant Program

Organization: City of Graysville, Alabama

Mission: The mission of the City of Graysville is to promote and enhance the community to improve the downtown area with design and economic restructuring. We must improve the quality of life to make our community a better place to live and focus on four main processes: organization, economic restructuring, design, and promotion. The plan for the City of Graysville envisions a partnership among community leaders, businesses, and property owners working alongside public agencies for the betterment of Graysville.

Brief Overview of Graysville:

The City of Graysville, Alabama (Graysville) is requesting funding for the Graysville Municipal Gas System. This utility was established by the city in 1949, and it later became the Graysville Municipal Gas System. Considered to be state of the art 70 years ago, the cast iron gas lines are rapidly deteriorating. Graysville's gas system serves 4,500 customers and despite the city's work to upgrade the lines in recent years, over 10 miles of cast iron lines desperately need to be replaced. In addition to replacing the lines, six regulator stations in the system will be updated to eliminate the remaining cast iron elements in the system and to regulate the flow of gas throughout the infrastructure to ensure safety and to eliminate environmental concerns.

Graysville is requesting \$5,032,493 in grant funds to replace 10 miles of deteriorating cast iron gas pipelines owned and operated by the Graysville Municipal Gas System. The proposed project will replace 10 miles of cast iron lines with polyethylene (PE) pipe using directional drilling to "bore in" new lines parallel to the existing lines to minimize the costs and environmental impact of this project.

Contact Information:

Tommy Greene – Comptroller or Kathy Dumas – City Clerk
City of Graysville
246 South Main Street
P.O. Box 130
Graysville, AL 35073
Phone: (205) 674-5643 option 3
Fax: (205) 674-5646

<p align="center">City of Graysville, Alabama DOT Natural Gas Distribution Infrastructure Safety and Modernization Grant Program Project Narrative Table of Contents</p>	
Section	Page
1-Cover Letter	1
2-Applicant Eligibility	2
3-Project Summary	2
4-Detailed Project Description	6
5-Statement of Authority and Pipeline Infrastructure Safety and Modernization Capabilities	9
6-Projected Outputs and Objectives	10
7-Project Implementation and Management	11
8-Explanation of Evaluation and Criteria Equivalence	12
9-Statement Certifying Compliance with Equity Requirement	16
10-Buy America	16
11-Critical Infrastructure Security and Resilience	16
12-Environmental Analysis	17

2-Applicant Eligibility

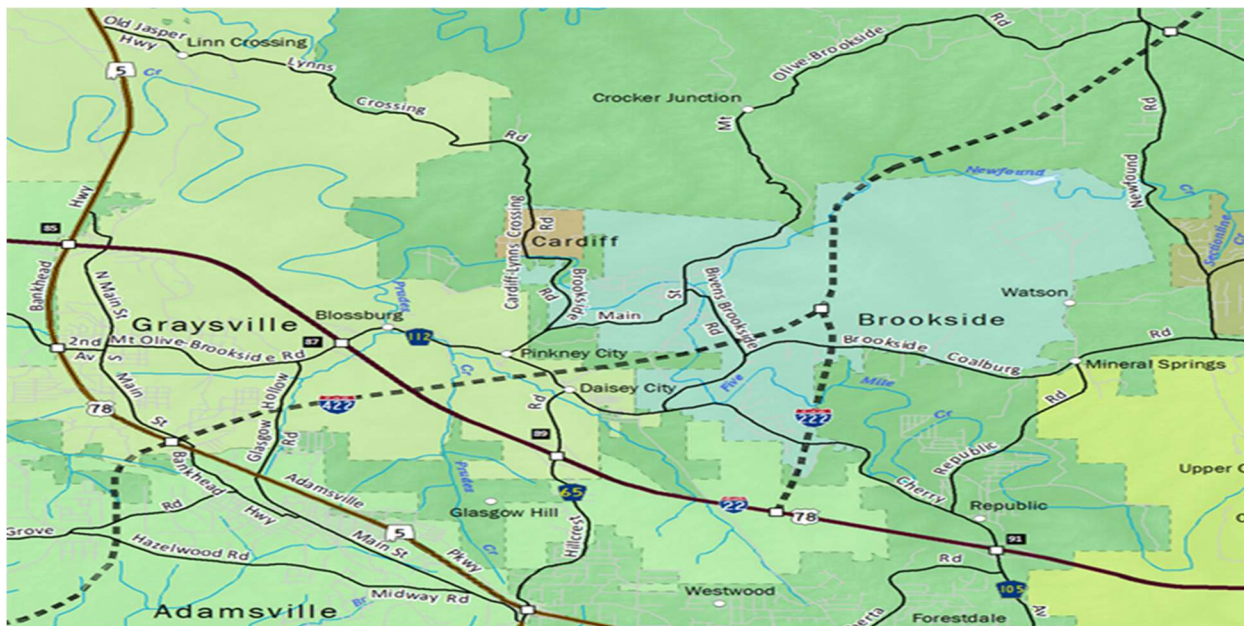
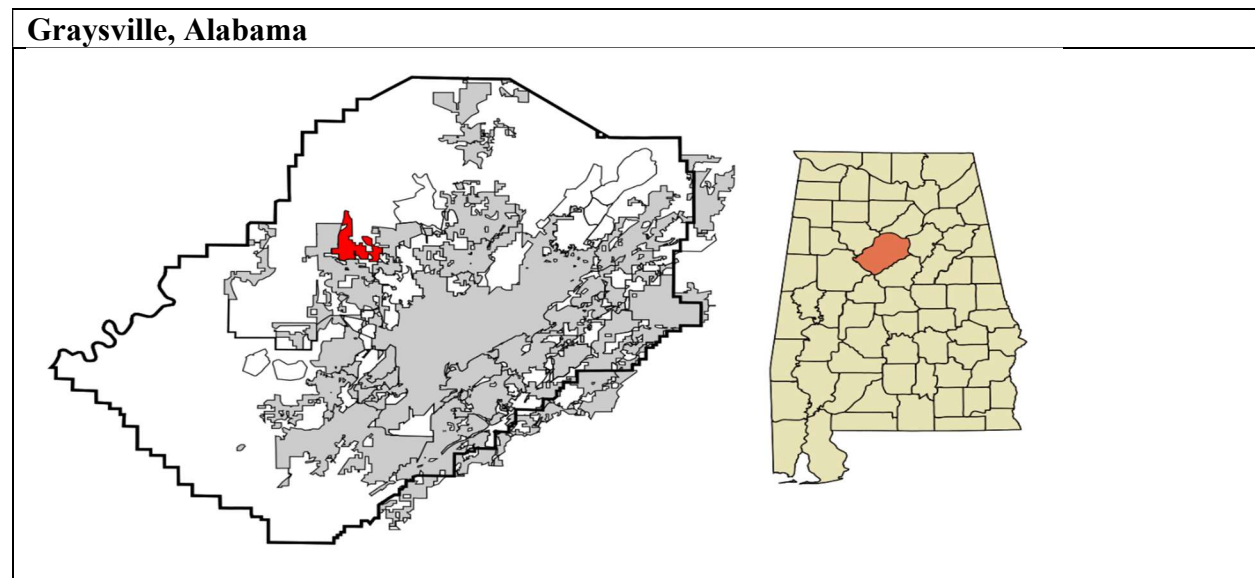
The Graysville Water and Gas Utility provides water and natural gas to the Graysville and Adamsville areas and natural gas service to the Forestdale and Docena areas. The Utility is owned by the City of Graysville Alabama and operated by the Graysville Water Board and by the Graysville Municipal Gas System. Graysville is applying as a “city or township government.”

3-Project Summary

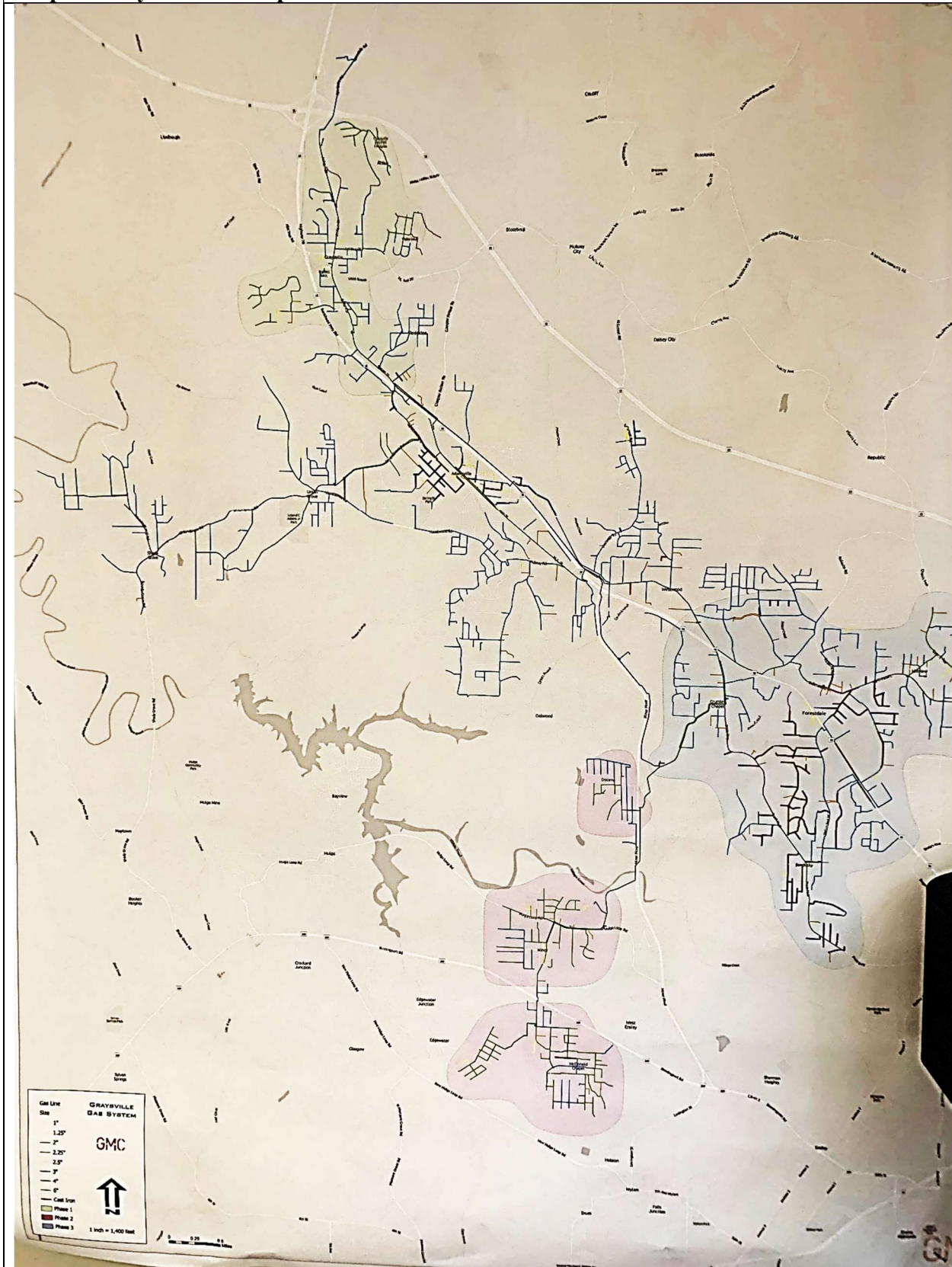
The City of Graysville, Alabama (Graysville) is requesting funding for the Graysville Municipal Gas System. This utility was established by the city in 1949, and it later became the Graysville Municipal Gas System. Considered to be state of the art 70 years ago, the cast iron gas lines are rapidly deteriorating. Graysville’s gas system serves 4,500 customers and despite the city’s work to upgrade the lines in recent years, over 10 miles of cast iron lines desperately need to be replaced. In addition to replacing the lines, six regulator stations in the system will be updated to eliminate the remaining cast-iron elements in the system and to regulate the flow of gas throughout the infrastructure to ensure safety and to eliminate environmental concerns. The proposed project will replace the cast iron lines with polyethylene (PE) pipe using directional drilling to “bore in” the new lines parallel to the existing lines to minimize the costs and environmental impact of this project. The map on page 4 provides an overview of the lines and stations that will be impacted by this project and the itemized budget details the components that will be utilized. As such, Graysville is requesting \$5,032,493 in grant funds to replace 10 miles of deteriorating cast iron gas pipelines owned and operated by the Graysville Municipal Gas System.

a-Project Location

Graysville, AL, is a city about 13.2 miles from Birmingham. It is located along I-22 and connects with AL HWY 78. The current poverty rate for Graysville is 16.3%, and our employment rate is a mere 44%. Meanwhile, Graysville meets the RAISE definition for Area of Persistent Poverty and meets classifications for Historically Disadvantaged, Transportation Disadvantaged, Economically Disadvantaged, and Environmentally Disadvantaged (Jefferson County Census Tract 121.04). Graysville has a total population of 1,950; 28% of our population is black or African American, 66% is white, 3% is Hispanic, 5% are two or more races, and 2% are other. Only 16% of our residents have a bachelor's degree or higher, and 24% of our population is classified as disabled.



Map of Graysville Gas Pipeline Infrastructure



b-Project Schedule

Project Component	Start Date	Completion Date
Grant Award notification to replace deteriorating cast iron pipelines	Feb 2023	March 2023
PHMSA's Environmental Review	Feb 2023	Apr 2023
Public engagement, work with PHMSA in contract bidding process for project	Mar 2023	Jun 2023
Bid Process to line new PE gas lines to replace 10 miles of 70+ years old cast iron pipelines.	May 2023	July 2023
Contractor selected and project completion timeline finalized	July 2023	July 2023
Work with all applicable federal, state, and local entities regarding permits, requirements, compliance, and best practices	May 2023	Aug 2023
Pipeline Replacement Work	Aug 2023	Aug 2024
Regulator Station Work	Sep 2024	Feb 2025
Testing to ensure the integrity of the system	Aug 2024	July 2025
Project Completion	Oct 2025	Dec 2025
Final Reporting	Dec 2025	Feb 2026

c-Project Eligibility

Originating in the late 1800s and early 1900s, the City of Graysville, Alabama, was incorporated in 1945. It was originally called Gin Town because it had the only cotton gin for miles. Local coal mines and steel mills attracted growth in the 1950s and 1960s, but recent economic downturns have significantly impacted jobs and economic development. During the 1980s and 1990s, Graysville expanded its city limits by annexing multiple acres in what was then unincorporated Jefferson County. Our population is less than 2,000 and we are like many small towns in that we often find ourselves between a rock and a hard place as we work to provide infrastructure and services with a severely limited tax base. Recent census data indicates that our poverty rate is 17.3%. The COVID-19 Pandemic has given us hardship after hardship, including losing the town's biggest employer, the Lowes store. Before the closing of Lowes, our 40.8% employment rate was significantly lower than the state (54.7%).

The City of Graysville is the applicant for this program and will be responsible for completing all elements of the proposed project.

d-Project Funding

Graysville is requesting \$5,032,493 in grant funds to replace 10 miles of deteriorating cast iron gas pipelines owned and operated by the Graysville Municipal Gas System. No other grant funds have been secured for this project, and there are currently no other pending applications for any of the components described in this application. It has been mandated that all cast iron infrastructure must be replaced by 2025. In recent years, Graysville has replaced 60 miles of the 70 miles of cast iron gas lines throughout our service region. Unfortunately, our city was dealing with extreme financial difficulties prior to the COVID-19 Pandemic, as we have been

continuously asked to do more with less. The pandemic provided Graysville with economic blow after blow. We have persevered and continue to work to address the needs of our residents. Yet rising prices in recent years combined the current realities of inflation, prevent us from replacing the remaining 10 miles of cast iron lines. Subsequently, we are desperately need funding to comply with the 2025 mandate, but most importantly, to address the safety and well-being of our community.

The original cast iron gas pipelines that transverse Graysville were installed in the 1940s-1960s. We are requesting PHMSA’s assistance to replace the remaining 10 miles or so of gas infrastructure at an estimated cost of \$503,250 per mile.

4-Detailed Project Description

a-Summary of Work

The Graysville Municipal Gas System will replace 10 miles of deteriorating and crumbling cast iron gas pipelines in our community. To minimize the environmental impact of this project, the new lines will be “bored in” next to the existing lines through directional drilling. As such, we anticipate minimal excavating and minimal surface demolition and repair. The new lines will be the recommended polyethylene (PE). The station equipment, for all six stations in Graysville, will also need to be replaced to regulate the flow of gas distribution throughout the system. The current regulator systems are also comprised of cast iron and will not be able to withstand the increased pressure requirements of the new lines. Additionally, the station equipment in these stations is the original equipment installed in the 1960's. This equipment and lines are obsolete (have not been manufactured for several decades) and no parts are available for repairs. The current regulator pilots at these stations have issues of “continual bleed to atmosphere” and subsequently need to be repaired to operate. Therefore, this infrastructure needs to be replaced in order to comply with PHMSA Section 114. Work at these stations will include replacing two (2) 2" gas regulator / monitor runs with 4" inlet and outlet piping, one (1) 2x3 relief valve and in-service connections (hot-taps) to existing 4" high-pressure inlet piping and 6" medium- pressure outlet piping. The project will also include the abandonment and removal of existing station piping and modifications to the fencing and site area.

b-Safety Risk Profile

The cast iron gas lines in Graysville were installed from the late 1940s through the 1960s and to state that they need to be replaced would be an understatement. We have replaced what we could, but we still have 10 miles of line that desperately need to be addressed. We fear that the current system is a ticking bomb that could possibly devastate our community. In its current state, the Graysville gas system is plagued with problems and leaks, as summarized in the following table:

Graysville Average Annual Gas Leaks
Grade 3: 100+ per year
Grade 2: 30-40/year
Grade 1: 5-10 most years

There have been several serious incidents with similar cast iron pipelines in recent decades which have caused a “resurging attention to the risks associated with cast and wrought iron pipelines.” Iron pipe is fraught with issues, from earth movement to degradation and the higher pressures that occur when old lines and connections meet new lines can have disastrous consequences.¹ Ongoing budget shortfalls and continued economic downturns have forced Graysville to continuously do more with less. Our citizens haven’t fared much better as many employers have left our community even more economically challenged. As a result, we are relying on band-aid fixes that only delay the inevitable.

“Aging pipes are a high-risk example of the nation's struggle to replace its crumbling infrastructure, a danger hidden beneath the ground until a pipe fails or is struck by something, and a spark ignites a monstrous blast. Natural gas is piped into 67 million homes and at least 5 million businesses, schools and other buildings across the country, with gas distribution and service lines snaking beneath most neighborhoods in American cities. Leaking gas accumulating in buildings, basements and crawl spaces — if ignited — can explode with a force akin to a small but concentrated earthquake. The rapidly expanding pressure can blow out windows, roofs and support beams, collapsing buildings in an instant.”²
<https://www.usatoday.com/story/news/nation/2014/09/23/gas-pipes-cast-iron-deaths-explosions-investigation/15783697/>

For several years, it has been argued that “aging pipes are a high-risk example of the nation's struggle to replace its crumbling infrastructure, a danger hidden beneath the ground until a pipe fails or is struck by something and a spark ignites a monstrous blast.”³ A similar instance occurred in gas pipeline in Marengo County, Alabama back in April 2022.⁴ This incident caused great concern throughout our community given our similar infrastructure elements. While not unique to our region, we desperately need to address this issue before we have a catastrophic event in our community. It is also important to note that Graysville’s close proximity to Birmingham combined with our location along I-22 and AL HWY 78, could be particularly troubling in the event of a line failure, distributing traffic, impacting the environment, and having a greater impact on the safety and well-being of the region as opposed to being isolated to our community.

“Alabama has 6,748 miles of interstate pipeline, plus more than 57,000 miles of smaller main and service lines that distribute product from a transmission pipeline. By comparison, Mississippi has 10,450 miles of interstate pipe, and Arkansas has 7,212 miles.”

--Pipeline Hazardous Material Safety Administration (PHMSA), which is housed in the U.S. Department of Transportation.⁵

¹ <https://www.phmsa.dot.gov/data-and-statistics/pipeline-replacement/cast-and-wrought-iron-inventory>

² <https://www.usatoday.com/story/news/nation/2014/09/23/gas-pipes-cast-iron-deaths-explosions-investigation/15783697/>

³ <https://www.usatoday.com/story/news/2018/09/14/boston-merrimack-valley-cast-iron-natural-gas-pipes-aging-infrastructure/1300246002/>

⁴ <https://pgjonline.com/news/2022/april/williams-natural-gas-pipeline-ruptures-in-alabama>

⁵ <https://birminghamwatch.org/alabama-has-thousands-of-miles-of-gas-and-oil-pipelines-mostly-out-of-sight-and-mind/>

An incident in Shelby County, Alabama back in 2016 had folks in the region sounding the alarm for the public and government action regarding the ongoing threats of the gas pipelines throughout our state. It was argued that our cast iron lines were a ticking time bomb waiting to explode as indicated by the fact that our state had already had more than 68 “significant incidents” in the past couple of decades. Yet six years later, small communities like Graysville are still desperately seeking solutions to diffuse the issues with deteriorating infrastructure.

“How safe are Alabama’s interstate pipelines? PHMSA calls a “significant incident” when a pipeline failure results in a fire or explosion, causes human death or hospitalization, or a cost of \$50,000 or more in total costs, or involves a large release of highly volatile liquids or a release that results in unintentional fire or explosion.”⁵

Cast iron pipes are prone to leaks and failure “but they are also vulnerable to overpressure”, which is often the case in explosions and similar incidents with gas systems throughout the country. “In order to deliver gas to customers, it must be compressed to a certain pressure. There are protections in place to prevent overpressure (e.g., pressure regulators), but those protections can fail. A pressure surge into aging pipeline can easily result in a leak or catastrophic failure.”⁶ Oftentimes, a “devastating chain of fires are caused by over-pressurization in the gas lines.”⁷ Graysville is particularly concerned about pressure issues and the integrity of our system as our regulator stations are all over 60 years old. Moreover, the stations are comprised of obsolete equipment that need parts that are no longer available, forcing us to continue utilizing the “band-aid fix” approach until we secure funding for the needed upgrades.

“The National Transportation Safety Board (NTSB) and the Pipeline and Hazardous Materials Safety Administration have been warning utilities that these aging pipelines need to be replaced” but unfortunately but “the cost of replacing these pipelines can exceed more than \$1 million a mile, with the costs passed on to consumers.”⁸ Despite our best efforts, neither the city of Graysville nor our customers have the resources to replace the crumbling cast iron pipes without the proposed grant funding. We are a poor rural community characterized by low household incomes and socially disadvantaged populations.

Moreover, Alabama sees more than its fair share of tornados and we fear that one catastrophic event could lead to the complete devastation of our region should a natural disaster impact lines connected to Graysville’s cast iron infrastructure. “Graysville, AL is a Very High Risk area for tornados” with an average of 3 tornados per year.⁹ Needless to say, the EF-1 tornado near Graysville back in January caused considerable alarm as it crossed I-22 and Lynns Crossing Rd. While we cannot prevent tornados from impacting our community, the proposed project will make our infrastructure considerably more stable in the event of a disaster.

⁶ <https://www.forbes.com/sites/rpapier/2018/09/17/deadly-dangers-lurk-in-natural-gas-distribution-lines/?sh=4bd7d5e94890>

⁷ <https://www.usatoday.com/story/news/2018/09/14/boston-merrimack-valley-cast-iron-natural-gas-pipes-aging-infrastructure/1300246002/>

⁸ <https://www.forbes.com/sites/rpapier/2018/09/17/deadly-dangers-lurk-in-natural-gas-distribution-lines/?sh=4bd7d5e94890>

⁹ <https://www.homefacts.com/tornadoes/Alabama/Jefferson-County/Graysville.html>

c-PHMSA's Environmental Review

Graysville recognizes that the current state of this infrastructure is a significant environmental concern as the crumbling lines are prone to continual leaks and are constantly leaching gas into the environment. Graysville will fully comply with PHMSA in the completion of all Environmental Assessments (Tier 1 and Tier 2) associated with this project. Our priority with this project is to replace the antiquated cast iron gas pipelines to ensure the safety of our residents while also reducing the environmental impact of this infrastructure upon our community. We will work closely with PHMSA and all other federal and state agencies to mitigate the impact of this project (including the utilization of heavy equipment) and the full compliance with all applicable regulations, policies, guidelines, and best practices will be a required element of the bidding and contractual process for work on this project.

Through the proposed pipeline project, contractors will be selected through a competitive bid process, and environmental mitigation will be included in the bid criteria. One of this project's goals is to reduce the environmental impact of our gas pipeline infrastructure. Graysville will work with the PHMSA, the AL Gas Pipeline Safety Section, Alabama Department of Environmental Management (ADEM), and all other applicable agencies in the completion of the environmental analysis Tier 1 and Tier 2. The City's administrative team will coordinate with all state and federal regulatory agencies. All environmental certifications and approvals will be obtained within the first three to six months after the grant is awarded.

d-Compliance with Civil Rights Act, Section 504

The City of Graysville and its entities are fully compliant with all requirements under Title VI of the Civil Rights Act, Section 504 of the Rehabilitation Act, and their implementing regulations, including 28 CFR. The proposed project will operate in full compliance with these regulations and this policy will also apply to all contractors working on behalf of the City of Graysville. The signed Standard Title VI/Non-Discrimination Assurances is included in the attachments section.

5-Statement of Authority and Pipeline Infrastructure Safety and Modernization Capabilities

The Graysville Water and Gas Utility provides water and natural gas to the Graysville and Adamsville areas and natural gas service to the Forestdale and Docena areas. The Utility is owned by the City of Graysville Alabama and operated by the Graysville Water Board and by the Graysville Municipal Gas System. The Graysville Municipal Gas System has been in operation since 1949. After the great depression of the 1930s, the City of Graysville was incorporated November 27, 1945. The first meeting of the town council took place on January 16, 1946. Later that year the original city council established the Graysville Water Works system. In 1949, the city council made the bold move to establish the Graysville Gas Board that would eventually become the Graysville Municipal Gas System.

6-Projected Outputs and Objectives

Project Goal: To update and modernize the gas infrastructure in Graysville Alabama by February 2026.

Output Criteria #1: Safety

In recent years, Graysville has averaged over 100 Grade 3 and 30-40 Grade 2 incidences per year. But most alarmingly, we are having 5-10 Grade 1 incidences per year. Needless to say, we have much to be concerned about as a single spark near these breaks would be absolutely devastating. Our number one priority with this project is to improve the safety of our gas delivery system.

Objective 1.1: The Graysville Municipal Gas System will eliminate its use cast iron pipelines by replacing this infrastructure with PE pipes by Dec 2025, as measured by invoicing, reports and repair logs.

Output: Use of cast iron pipes replaced by recommended PE pipes.

Objective 1.2: The Graysville Municipal Gas System will significantly reduce the number of incidences by February 2026, as measured incident report data.

Outputs: Significant reductions in Grade 3, Grade 2, and Grade 1 incidences in all years following the completion of the project

Output Criteria #2: Environment

The current state of this infrastructure is a significant environmental concern as the crumbling lines are prone to continual leaks and are constantly leaching gas into the environment. Graysville will fully comply with PHMSA in the completion of all Environmental Assessments (Tier 1 and Tier 2) associated with this project. Our priority with this project is to replace the antiquated cast iron gas pipelines to ensure the safety of our residents while also reducing the environmental impact of this infrastructure upon our community.

Objective 2: The Graysville Municipal Gas System will significantly reduce and/or eliminate incidences of gas leakage and environmental concerns by February 2026, as measured by incident reports, environmental assessments, and repair logs.

Outputs:

- Use of cast iron pipes replaced by recommended PE pipes.
- Reduction in gas leaks from the system
- Significant reductions in Grade 3, Grade 2, and Grade 1 incidences in all years following the completion of the project
- Since the new system will not be plagued with leaks and other environmental degradation concerns, the proposed gas system upgrades will be better for the environment.

Output Criteria #3: Job Creation

We anticipate that this project will create at least 2 jobs for the duration of this project through our work with contractors associated with this project.

Objective 3: The Graysville Municipal Gas project will hire a contractor by July 2023 who will employ at least 4 workers who will work on this project.

Outputs:

- Employment of at least 4 individuals
- Support of local/regional economy

Output Criteria #4: Equity

Unfortunately, Graysville is the worst of the worst regarding poverty and disadvantage. As a whole, Jefferson County, which includes Birmingham, has consistently had a poverty rate of around 16% for decades. The current poverty rate for Graysville is 16.3%, and our employment rate is a mere 44%. Meanwhile, Graysville meets the RAISE definition for Area of Persistent Poverty and meets classifications for Historically Disadvantaged, Transportation Disadvantaged, Economically Disadvantaged, and Environmentally Disadvantaged (Jefferson County Census Tract 121.04). Graysville has a total population of 1,950; 28% of our population is black or African American, 66% is white, 3% is Hispanic, 5% are two or more races, and 2% are other. Only 16% of our residents have a bachelor's degree or higher, and 24% of our population is classified as disabled.

Graysville is actively working to bring industry and jobs to our community. These efforts have resulted in 100 new jobs through the Truckworx Company, a new B.P. service station, and additional restaurants. We anticipate that this improvement in infrastructure will enhance our ability to recruit businesses and industry to our community.

Objective 4: By February 2026, the Graysville Municipal Gas System will significantly improve infrastructure whereby city leadership can advocate to bring additional businesses to the community as indicated by industry inquires and employer outreach efforts and summaries.

Outputs:

The improved infrastructure will support efforts to encourage businesses to locate in Graysville and give our community an advantage over similar communities who have not yet updated their infrastructure and capacities.

7-Project Implementation and Management

The proposed project will be administered by the City Graysville and Graysville Municipal Gas Services. Upon grant award, we will work with PHMSA and the Alabama Department of Environmental Management (ADEM) to complete all required environmental assessments. Project work will be contracted through a competitive bidding process and full compliance with all applicable federal, state, and local regulations, policies, and recommendations, including the “Blue Book for Gas Service” will be a requirement of all contracted services.

A scoring rubric will be created to assist in the assessment of bids and contract bids will be reviewed by both the City Council and the Gas and Water Board to determine the best and most cost-effective applicant to complete this project while adhering to all applicable laws, regulations, policies, and best practices. To further ensure the success of this project, Heath Whitworth, the Field Supervisor for the Gas and Water Board, will oversee all aspects of this project and all contractors and all activities of this project.

8-Explanation of Evaluation and Selection Criteria Equivalence

Summary of Technical Elements

Project Scope:

The Graysville Municipal Gas System will replace 10 miles of deteriorating and crumbling cast iron gas pipelines in our community. To minimize the environmental impact of this project, the new lines will be “bored in” next to the existing lines through directional drilling. As such, we anticipate minimal excavating and minimal surface demolition and repair. The new lines will be the recommended polyethylene (PE). The station equipment, for all six stations in Graysville, will also need to be replaced to regulate the flow of gas distribution throughout the system. The current regulator systems are also comprised of cast iron and will not be able to withstand the increased pressure requirements of the new lines. Additionally, the station equipment in these stations is the original equipment installed in the 1960's. All of this equipment is obsolete and as such, the parts needed for the maintenance and repair of these systems have not been manufactured for several decades. The regulator pilots at these stations have issues leading to “continual bleed to atmosphere.” Therefore, these regulators desperately need to be replaced in order for the Graysville Gas System to operate in compliance with PHMSA Section 114. The work at these stations will include replacing two (2) 2" gas regulator / monitor runs with 4" inlet and outlet piping, one (1) 2x3 relief valve and in-service connections (hot-taps) to existing 4" high-pressure inlet piping and 6" medium- pressure outlet piping. The project will also include the abandonment and removal of existing station piping and modifications to fencing as well as additional needed site repair to ensure the safety and integrity of this system.

Activities and Deliverables:

Activity	Deliverable
Grant Application Process	Grant funding
PHMSA's Environmental Review	Completion of Tier 1 & Tier 2 Assessments
Bid Process to line new PE gas lines to replace 10 miles of 70+ years old cast iron pipelines.	At least 2-3 qualifying bids for project
Contractor selected and project completion timeline finalized	Contract award and outline of project requirements and deliverables
Work with all applicable federal, state, and local entities regarding permits, requirements, compliance, and best practices	Completion of all required permits

Pipeline Replacement Work	Materials on site and initiation of project
Regulator Station Work	Replacement of antiquated components
Testing to ensure the integrity of the system	Quality Control and additional environmental reviews
Project Completion	New PE gas pipeline system in Graysville
Reporting and Compliance	Continued work with PHMSA to ensure compliance combined with continued maintenance, and assessment.

Jobs and Labor Agreements:

Project work will be contracted through a competitive bidding process and full compliance with all applicable federal, state, and local regulations, policies, and recommendations, including the “Blue Book for Gas Service” will be a requirement of all contracted services. The awarded contract will include provisions for jobs, labor rates and wages, and adherence to all applicable non-discrimination policies.

Benefits to disadvantaged rural populations:

As previously stated, the current poverty rate for Graysville is 16.3%, and our employment rate is a mere 44%. Meanwhile, Graysville meets the RAISE definition for Area of Persistent Poverty and meets classifications for Historically Disadvantaged, Transportation Disadvantaged, Economically Disadvantaged, and Environmentally Disadvantaged (Jefferson County Census Tract 121.04). Graysville has a total population of 1,950; 28% of our population is black or African American, 66% is white, 3% is Hispanic, 5% are two or more races, and 2% are other. Only 16% of our residents have a bachelor's degree or higher, and 24% of our population is classified as disabled.

Economic Impact and Growth:

Graysville is actively working to bring industry and jobs to our community. These efforts have resulted in 100 new jobs through the Truckworx Company, a new B.P. service station, and additional restaurants. The Pandemic has severely impacted these efforts, but we are dedicated to improving the quality of life for our citizens. Subsequently, the proposed investment in our gas infrastructure is necessary to ensure our community's safety while maintaining our greatest asset—our environment.

Monitoring and Evaluation:

The City of Graysville and the Graysville Municipal Gas System will work with the assigned contractor to ensure that the project complies with all applicable laws, regulations, and guidelines while monitoring the progress and quality of the efforts. Additionally, Heath Whitworth, the Field Supervisor for the Gas and Water Board, serve as the Project Director and will provide oversight for this project and will provide regular progress updates to the Mayor’s office and City Council.

Non-discrimination:

The City of Graysville policy prohibits discrimination on the basis of race, color, sex, religion, creed, age, and national origin. Additionally, the City of Graysville and its entities are fully

compliant with all requirements under Title VI of the Civil Rights Act, Section 504 of the Rehabilitation Act, and their implementing regulations, including 28 CFR. The proposed project will operate in full compliance with these regulations as well as contractors working on behalf of the City of Graysville.

Environmental Assessment:

As previously discussed, Graysville will fully comply with PHMSA in the completion of all Environmental Assessments (Tier 1 and Tier 2) associated with this project. Our priority with this project is to replace the antiquated cast iron gas pipelines to ensure the safety of our residents while also reducing the environmental impact of this infrastructure upon our community. We will work closely with PHMSA and all other federal and state agencies to mitigate the impact of this project (including the utilization of heavy equipment) and full compliance with all applicable regulations, policies, guidelines, and best practices will be a required element of the bidding and contractual process for work on this project.

Summary of Programmatic Elements

Timeline:

Project Component	Start Date	Completion Date
Grant Award notification to replace deteriorating cast iron pipelines	Feb 2023	March 2023
PHMSA's Environmental Review	Feb 2023	Apr 2023
Public engagement, work with PHMSA in contract bidding process for project	Mar 2023	Jun 2023
Bid Process to line new PE gas lines to replace 10 miles of 70+ years old cast iron pipelines.	May 2023	July 2023
Contractor selected and project completion timeline finalized	July 2023	July 2023
Work with all applicable federal, state, and local entities regarding permits, requirements, compliance, and best practices	May 2023	Aug 2023
Pipeline Replacement Work	Aug 2023	Aug 2024
Regulator Station Work	Sep 2024	Feb 2025
Testing to ensure the integrity of the system	Aug 2024	July 2025
Project Completion	Oct 2025	Dec 2025
Final Reporting	Dec 2025	Feb 2026

Outputs, Goals, and Objectives:

Project Goal: To update and modernize the gas infrastructure in Graysville Alabama by February 2026.
<p><u>Objective 1.1:</u> The Graysville Municipal Gas System will eliminate its use cast iron pipelines by replacing this infrastructure with PE pipes by Dec 2025, as measured by invoicing, reports and repair logs.</p> <p><u>Output:</u> Use of cast iron pipes replaced by recommended PE pipes.</p> <p><u>Objective 1.2:</u> The Graysville Municipal Gas System will significantly reduce the number of incidences by February 2026, as measured incident report data.</p> <p><u>Outputs:</u> Significant reductions in Grade 3, Grade 2, and Grade 1 incidences in all years following the completion of the project</p>
<p><u>Objective 2:</u> The Graysville Municipal Gas System will significantly reduce and/or eliminate incidences of gas leakage and environmental concerns by February 2026, as measured by incident reports, environmental assessments, and repair logs.</p> <p><u>Outputs:</u></p> <ul style="list-style-type: none">• Use of cast iron pipes replaced by recommended PE pipes.• Reduction in gas leaks from the system• Significant reductions in Grade 3, Grade 2, and Grade 1 incidences in all years following the completion of the project• Since the new system will not be plagued with leaks and other environmental degradation concerns, the proposed gas system upgrades will be better for the environment.
<p><u>Objective 3:</u> The Graysville Municipal Gas project will hire a contractor by July 2023 who will employ at least 4 workers who will work on this project.</p> <p><u>Outputs:</u></p> <ul style="list-style-type: none">• Employment of at least 4 individuals• Support of local/regional economy
<p><u>Objective 4:</u> By February 2026, the Graysville Municipal Gas System will significantly improve infrastructure whereby city leadership can advocate to bring additional businesses to the community as indicated by industry inquires and employer outreach efforts and summaries.</p> <p><u>Output:</u></p> <p>The improved infrastructure will support efforts to encourage businesses to locate in Graysville and give our community an advantage over similar communities who have not yet updated their infrastructure and capacities.</p>

Budget Summary

Graysville is requesting \$5,032,493.00 to address our failing gas system infrastructure. This process will include directional drilling to “bore in” new lines parallel to the current cast iron lines and replacing the 60-year-old components of 6 regulator stations. A detailed budget narrative is included in the attachments sections.

9-Statement Certifying Compliance with Equity Requirement

Once funded, Graysville will fully comply with Executive Order 13985 (EO 13985), Advancing Racial Equity and Support for Underserved Communities Through the Federal Government as funds are required to be distributed equitably under this grant. As such, equity means the consistent and systematically fair, just, and impartial treatment of all individuals, including individuals who belong to underserved communities that have been denied such treatment such as Black, Latino, and Indigenous persons, Asian Americans and Pacific Islanders; other persons of color; members of religious minorities; lesbian, gay, bisexual, transgender, and queer (LGBTQ+) persons; persons with disabilities; persons who live in rural areas; and persons otherwise adversely affected by persistent poverty or inequality. Additionally, the completed Standard Title VI/Non-Discrimination Assurances document is included in the attachments.

10-Buy America

Graysville and its contracted employees will follow all state and federal provisions to align with the Buy American requirements concerning construction and labor materials. But is important to note that this provision has been a priority for the folks in Graysville for decades as we work to support jobs and opportunities for our local community and other communities throughout the US. We strive to purchase products that are manufactured domestically, and this will include—efforts to source project components, including our PE lines and related items, from US based companies that are making their product in the US and providing US jobs. Moreover, this provision will be included in our bidding and contract process for this project. The Buy American Assurance is included in the attachments section.

11-Critical Infrastructure Security and Resilience

Graysville has been cognizant of our town’s needs to maintain the security and resilience of our critical infrastructure since the horrific events of 9-11. As such, we make every effort to ensure that the safety and security of ALL infrastructure elements in our community. All city workers are regularly trained to watch for potential threats, our citizens are encouraged to report suspicious activity and our first responders are continuously at the ready. Law enforcement regularly patrol the community, including areas containing potentially exposed critical infrastructure. City personnel have attended various threat mitigation and homeland security training sessions and the Fire Department regularly provides additional inspection services of these elements, including our gas pipelines. Moreover, Graysville has established numerous safety protocols and procedures to further ensure the integrity of our systems and our response in the event of an emergency.

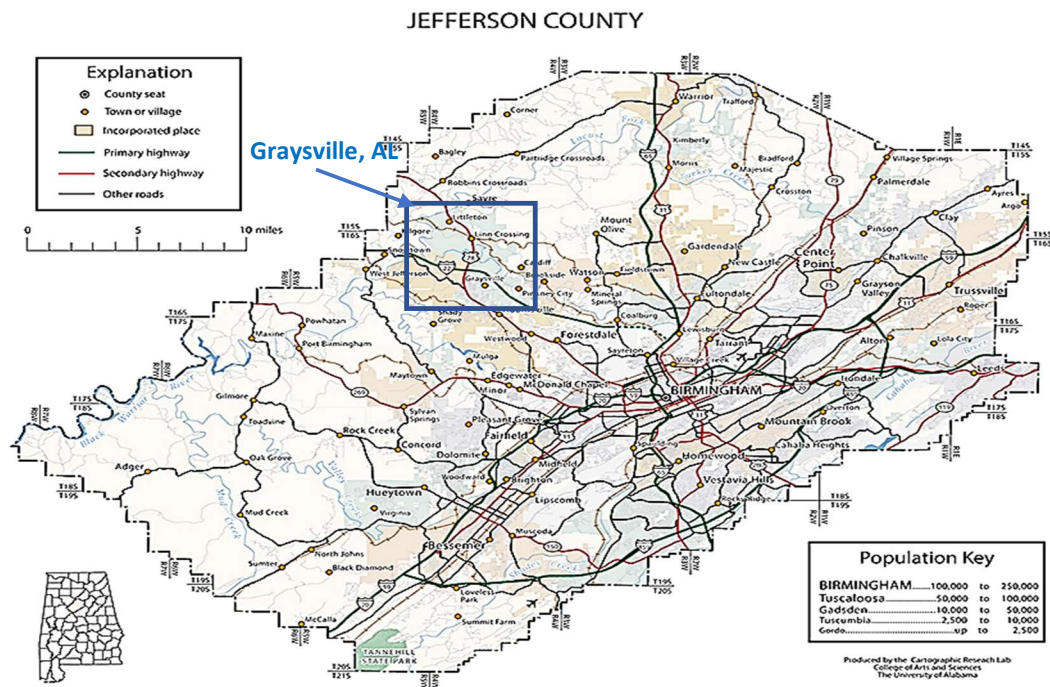
12-Environmental Analysis

Graysville will fully comply with PHMSA in the completion of all Environmental Assessments (Tier 1 and Tier 2) associated with this project. Our priority with this project is to replace the antiquated cast iron gas pipelines to ensure the safety of our residents while also reducing the environmental impact of this infrastructure upon our community. We will work closely with PHMSA and all other federal and state agencies to mitigate the impact of this project (including the utilization of heavy equipment) and in full compliance with all applicable regulations, policies, guidelines, and best practices will be a required element of the bidding and contractual process for work on this project. As such, the following elements are currently being explored in Graysville's environmental analysis as we prepare for the Tier 1 and 2 process as described in the following sections.

a-Project Description and Location

The City of Graysville, Alabama (Graysville) is requesting funding for the Graysville Municipal Gas System. This utility was established by the city in 1949, and it later became the Graysville Municipal Gas System. Considered to be state of the art 70 years ago, the cast iron gas lines are rapidly deteriorating. Graysville's gas system serves 4,500 customers and despite the city's work to upgrade the lines in recent years, over 10 miles of cast iron lines desperately need to be replaced. In addition to replacing the lines, six regulator stations in the system will be updated to eliminate the remaining cast-iron elements in the system and to regulate the flow of gas throughout the infrastructure to ensure safety and to eliminate environmental concerns.

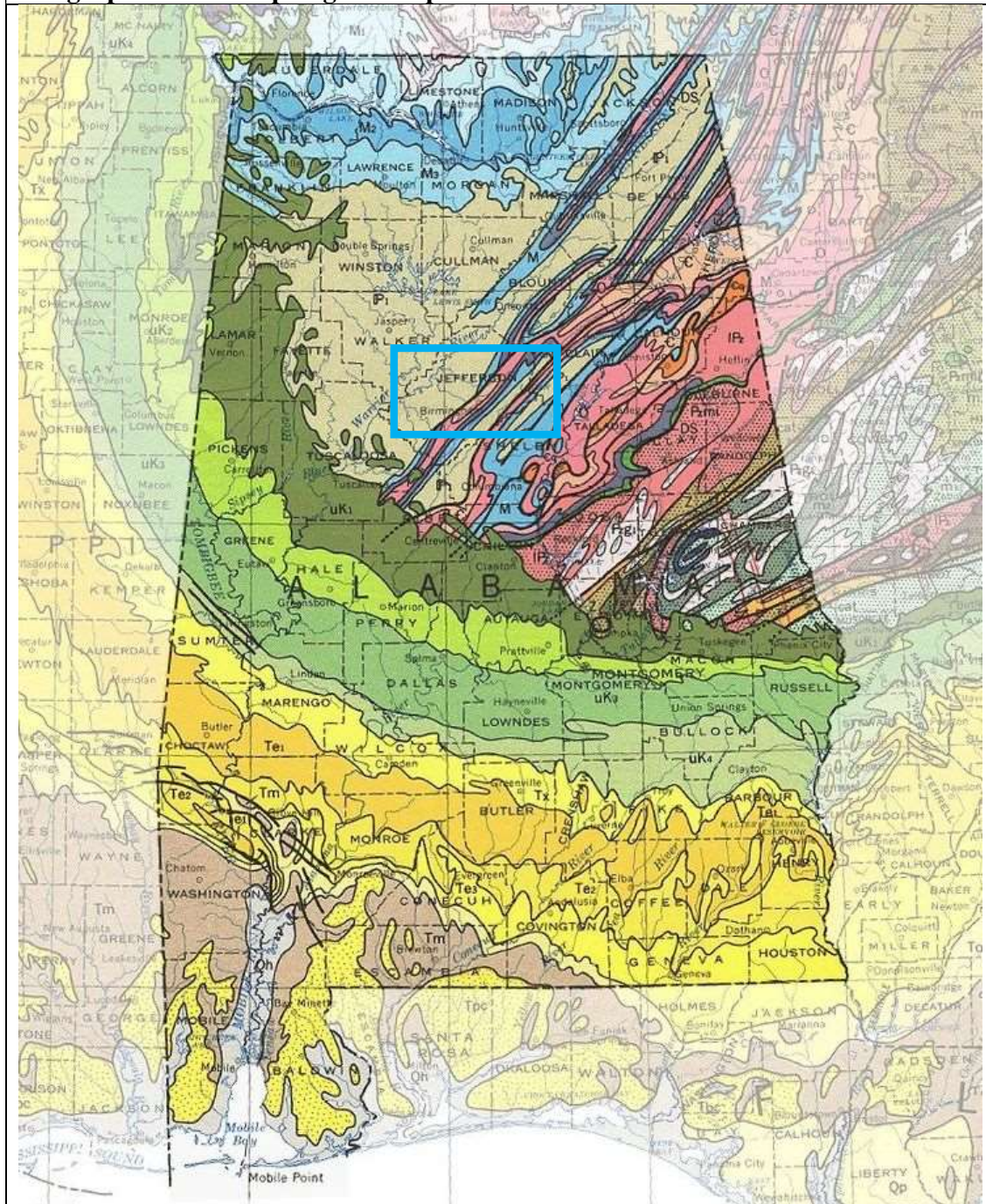
b-Maps



Map of Graysville Gas Pipeline Infrastructure



Geographical and Topological Map



c-Property Changes

The proposed project will utilize the existing utility right away as new lines will be installed adjacent to existing lines so that there will be no changes in the vicinity of the lines. There will be some disturbance as the new lines are installed but this construction process will be relatively minimal in its net impact. There will be no foreseeable property changes during this process.

d-Wetlands

N/A. The proposed project will not impact wetlands as we update the gas infrastructure in Graysville.

e-Threatened and Endangered Species

N/A. The proposed project will not impact threatened and endangered species.

f-Floodplains.

The portions of Graysville that have been identified as 100-year floodplains are identified in the following graphic. The proposed project is not anticipated to transect any of these areas. However, all project activities will work to mitigate any potential issues and should any gas within the Graysville Municipal Gas district, impact property identified by FEMA as a floodplain, all upgrades will be consistent with the Federal Flood Risk Management Standards in Executive Order 14030, Climate-Related Financial Risk (86 FR 27967) and 13690, as we comply with all regulations regarding Establishing a Federal Flood Risk Management Standard and a Process for Further Soliciting and Considering Stakeholder Input (80 FR 6425).

Additionally, to further ensure flood mitigation and the environmental impacts of storm water runoff, Graysville is currently a member of Storm Water Management Authority, Inc. (SWMA) which has a membership of 21 cities within Jefferson County. The Alabama Department of Environmental Management (ADEM) is responsible for issuing the permits in Alabama as well as inspecting municipal storm sewer systems. The duration of each permit is five years. And SWMA helps the member cities cost share many of the requirements of the permit. The Components of the permit are as follows:

Public Education and Public Involvement on Storm Water Impacts
Illicit Discharge Detection and Elimination (IDDE) Program
Construction Site Storm Water Runoff Control
Post-Construction Storm Water Management in New Development and Redevelopment
Pollution Prevention/Good Housekeeping for Municipal Operations

Every year Graysville submits an Annual Report to ADEM and citizens are regularly reminded to contact City Hall regarding:

- An unknown liquid entering a stormwater drain, stream or river.
- Mud in the street from a construction site.
- Mud leaving a construction site due to improper construction practices.

In the event of a spill, the Graysville Fire Department is contacted.

The 2019 FEMA Flood Risk Map for Graysville is included on the following page.

[illegible]

For more information of data used for this non-regulatory map, please consult the Locust Fork Flood Risk Database and Flood Risk Report.

g-Historic Properties

N/A. The proposed project will not impact any historic properties in the region. No landmarks or properties of historic, cultural, or religious significance are located within a quarter mile radius of the project area.

h-Coastal Areas

N/A. The proposed project is not located within the boundaries of a coastal zone management area (CZMA).

i-Brownfields

N/A. The proposed project is not located within a brownfield site.

The Imperative Need for Gas Distribution Infrastructure Safety in Graysville, AL

Recent issues with similar gas pipelines (some in an arguably better condition than those in our community) have made the City of Graysville increasingly more alarmed regarding the potential for devastating consequences if our crumbling gas infrastructure is not addressed. Due to continued budget shortfalls and exponentially increasing inflation, our little community does not have the resources to address the needs of the gas distribution infrastructure without the proposed grant funding. Subsequently, we implore the DOT and PHMSA to support the proposed project as we replace cast iron pipelines and equipment that are over 60 years old. In addition to greatly improving the safety of this system, the proposed improvements will tremendously benefit the environment in our region as we work to eliminate leakage and leaching that are unfortunately inherent in our current system.