

PHMSA Grant Awards

PHMSA FY 2022 Natural Gas Distribution Infrastructure Safety and Modernization Grants

The Bipartisan Infrastructure Law appropriated \$1 billion to DOT-PHMSA for the agency’s first-ever infrastructure grant for pipelines—aimed at mitigating safety risk from the highest-risk, legacy natural gas distribution pipes, particularly in underserved communities. Specifically, the statute provides \$200 million per year to be awarded to community- or municipally-owned gas distributional systems for the replacement, repair, or rehabilitation of high risk, leak-prone, legacy pipe. On Wednesday, April 5, 2023, PHMSA will announce it is awarding nearly \$196M in funding to modernize 270 miles of pipes in underserved and transportation-disadvantaged communities through 37 projects in 19 states (including grants for equipment to help pinpoint methane leaks for repair).

Applicant	State	Project Summary	Amount of Award (\$)	Miles
City of Tallassee	AL	The goal is to replace 17.75 miles of cast iron mains over a three-year period. Combined with the applicant’s existing cast iron main replacement program, the proposal will result in the full replacement of the cast iron mains in the west side of the applicant’s natural gas distribution system.	\$9,749,000	17.75
City of Lanett	AL	The goal is to replace approximately 7.55 miles of cast iron gas lines in its natural gas system with PE gas piping and service lines. The applicant also proposes to replace the gate station. In addition, the applicant proposes to acquire leak detection equipment.	\$4,303,235	7.55
Waterworks and Gas Board of the City of Cordova	AL	The goal is to replace approximately 6.6 miles of cast iron and bare steel mains with PE pipe. The applicant also proposes to replace 401 bare steel and plastic services.	\$2,794,896	6.6

City of Graysville	AL	The goal is to replace 10 miles of cast iron gas pipelines with PE pipe. The existing pipe was installed between the late 1940s through the 1960s. The applicant also proposes six regulator station replacements and three regulator station improvements.	\$5,032,493	10
Gas Board of the City of Fultondale	AL	The goal is to replace 2.71 miles of cast iron natural gas pipeline mains and 51 unprotected bare steel services. The applicant proposes to replace the cast iron main and services with PE pipe.	\$804,670	2.71
City of Trinidad	CO	The goal is to replace approximately 0.08 miles of bare steel pipe with PE pipe. The existing material was installed over 70 years ago. The applicant also proposes the replacement of two control valves and the installation of one additional valve. In addition, the applicant proposes the replacement of seven connections with PE connections and excess flow valves.	\$92,203	0.08
City of Norwich Department of Public Utilities	CT	The goal is to replace a total of 10.16 miles of pipeline mains over a five-year period. The pipeline mains comprise 8.3 miles of cast iron, 0.27 miles of wrought iron, 0.88 miles of bare steel, and 0.71 miles of coated steel. The applicant also proposes that 477 services will be either tied over to the new mains or replaced all together.	\$10,000,000	4.67
City of Milton	FL	The goal is to replace approximately 4.38 miles of cast iron natural gas lines and 7.91 miles of steel gas mains with PE pipe.	\$10,000,000	7.374

Lake Apopka Natural Gas District	FL	The goal is to replace approximately 13.13 miles of pre-code coated steel mains and plastic Aldyl A pipe with PE pipe. The applicant also proposes to replace 156 steel service lines in various areas of the service territory. In addition, the applicant proposes to install approximately 0.28 mile of steel casing.	\$3,125,027	13.13
City of Lawrenceville	GA	The goal is to replace 21.11 miles of pre-code, ineffectively coated steel with PE pipe. The current natural gas distribution pipelines at the center of this project are composed of pre-code, ineffectively coated steel, and legacy PE pipe. The applicant also proposes to acquire leak-detection equipment.	\$7,726,607	21.11
City of Hawkinsville	GA	The goal is to replace 5.38 miles of the gas distribution system's bare steel gas mains with PE gas mains.	\$680,316	5.38
Citizens Gas and Coke Utility	IN	The goal is to replace approximately 4.7 miles of cast iron natural gas distribution piping with PE piping. The existing piping was installed over 70 years ago.	\$7,525,014	4.7
Midwest Energy, Inc.	KS	The applicant's goal is to acquire 20 handheld laser leak detection devices. The applicant also proposes to acquire four ATVs.	\$580,800	0
City of Donaldsonville	LA	The goal is to replace 46.7 miles of cast iron natural gas distribution lines with PE lines. Most of the existing piping was installed in the 1930s.	\$10,000,000	4.62

City of Carencro	LA	The goal is to replace approximately 5 miles of cast iron natural gas pipeline mains and connecting service lines with PE pipe. The existing piping was installed in the early 1950s.	\$3,445,760	5
City of Morgan	LA	The goal is to replace 11.9 miles of PVC main with PE pipe. The applicant also proposes to replace 820 copper service lines with PE service lines. In addition, the applicant proposes to replace 675 aging residential meters for safety.	\$6,882,339	11.9
City of Alexandria	LA	The goal is to replace 6.25 miles of tape wrapped and coal tar coated steel gas mains and service lines with PE pipe. The existing piping was installed between 50 to 70 years ago. Many of the gas mains are constructed of steel that is tape wrapped or coal tar coated.	\$3,300,600	6.25
Gas Utility District #2 of East Feliciana	LA	The goal is to replace 4 miles of PVC natural gas distribution piping installed in the 1960s. The PVC gas mains and service lines will be replaced with PE piping and fittings.	\$825,576	4
Town of Woodworth	LA	The goal is to replace approximately 6.25 miles of PVC gas mains and 70 service lines with PE pipe.	\$2,064,007	6.25
Village of Montpelier	LA	The goal is to replace 3.94 miles of PVC gas mains with PE pipe. The existing piping was installed in the 1970s.	\$872,613	3.94

City of Holyoke Gas and Electric Department	MA	The goal is to replace cast iron gas mains installed in the late 1800s and bare steel services installed in the early 1900s. The applicant also proposes the purchase and installation of a tertiary safety measure device.	\$10,000,000	1.62
Westfield Gas and Electric Light Dept.	MA	The goal is to replace approximately 21 miles of cast iron pipe with PE pipe. The proposal accelerates the applicant's existing cast iron main replacement program by 50%. The applicant also proposes to renew an estimated 1,400 services.	\$10,000,000	11.55
Wakefield Municipal Gas & Light Department	MA	The goal is to replace 1.07 miles of bare steel mains, 0.15 miles of cast iron mains, and 0.15 miles of coated steel mains with PE pipe. The applicant also proposes to replace 37 steel services and transition 50 sets of meters from inside to outside for safety.	\$1,275,059	1.37
City Utilities of Springfield	MO	The goal is to replace 39 miles of Aldyl A plastic pipe and the estimated 3,300 plastic gas services and meter sets associated with those gas mains.	\$10,000,000	11.7
City of New Albany Gas Department	MS	The goal is to replace a 3.2-mile section of non-standard, thin-wall steel gas main, commonly referred to as "Invasion Pipe." This pipe was installed as part of the original gas distribution system in 1951.	\$4,851,000	3.2

Metropolitan Utilities District	NE	The goal is to replace 58 miles of cast iron main and 4,988 services with PE pipe. The applicant also proposes to replace 3,593 inside meters and 2,468 outside meters for safety. In addition, the applicant proposes to replace two regulator stations.	\$10,000,000	23.2
Village of Stuart	NE	The goal is to replace approximately 1 mile of steel and PVC gas mains with PE pipe. The applicant also proposes to install 20 new valves. In addition, the applicant proposes to acquire a GPS system and an advanced metering infrastructure system.	\$216,662	1
City of Las Cruces	NM	The goal is to replace approximately 21 miles of acrylonitrile butadiene styrene (ABS) and poly vinyl chloride (PVC) pipe with PE pipe. The existing pipe was installed between 36 to 42 years ago.	\$10,000,000	11.9
Village of Deshler	OH	The goal is to replace 4.5 miles of bare steel pipe natural gas lines that were installed in the late 1950s with PE pipe. The applicant also proposes to replace two metering stations. In addition, the applicant proposes the purchase of a vacuum pump trailer.	\$2,218,193	4.5
City of Philadelphia, Philadelphia Gas Works	PA	The goal is to replace approximately 23.81 miles of cast iron pipe with PE pipe. The proposal consists of 39 discreet projects scheduled over a five-year performance period. The proposal accelerates the applicant's existing cast iron main replacement program by 16%.	\$10,000,000	5.23

Borough of Chambersburg	PA	The applicant proposes this project, where the goal is to replace roughly 3.5 miles of cast iron and unprotected steel natural gas pipeline mains with polyethylene (PE) mains. The existing piping was installed over 100 years ago. The applicant also proposes to replace every steel service line, many of which are old, bare steel services, with PE services.	\$5,227,953	3.5
Laurens Commission of Public Works	SC	The goal is to replace 8 miles of main and 717 steel services with PE pipe. The existing pipelines consist of pre-code steel and bare steel. The applicant also proposes to replace approximately 0.22 miles of pre-code 8-inch high-pressure distribution pipeline with new modern coated steel.	\$5,083,760	8.22
York County Natural Gas Authority	SC	The goal is to replace approximately 13.6 miles of steel and Driscopipe and Chevron plastic pipe with steel and PE pipe. The existing piping was installed over 70 years ago.	\$5,580,794	13.6
Middle Tennessee Natural Gas Utility District	TN	The goal is to acquire infrared laser ethane detectors and 57 multi-gas detectors.	\$311,845	0
City of Richmond	VA	The goal is to replace 13.92 miles of cast iron mains with PE and coated steel welded pipe. The proposal accelerates the applicant's existing cast iron main replacement program by five years.	\$10,000,000	9.74

City of Charlottesville	VA	The goal is to replace the last mile of cast iron natural gas piping with PE pipe. The cast iron main has been in service for nearly 100 years. The applicant also proposes to replace sections of first-generation PE pipe. In addition, the applicant proposes the removal of 20 gas meters from the interior of various buildings to enhance safety.	\$7,120,650	2.48
Welch Gas Cooperative Association	WV	The goal is to replace approximately 3.27 miles of Aldyl A pipe with PE pipe. The existing pipe was installed between 1965 and 1972.	\$3,769,158	3.27
Totals			\$195,460,230	259.094