

FINAL PUBLIC NOTICE

The Federal Emergency Management Agency (FEMA) has received a subgrant application for the City of Folly Beach. Pursuant to Executive Order 11988 and 44 CFR Part 9.12, final notice is hereby given of FEMA's intent to provide funding for this project under the Hazard Mitigation Grant Program (HMGP).

An initial disaster-wide Public Notice was published Friday, May 1, 2020, for DR-4542 for South Carolina Severe Storms, Tornadoes, and Straight-line Winds. Under the National Environmental Policy Act (NEPA), federal actions must be reviewed and evaluated for feasible alternatives and for social, economic, historic, environmental, legal, and safety considerations. - Executive Order (EO) 11988 and EO 11990 requires FEMA to consider alternatives - and provide a public notice of any proposed actions in or affecting floodplains or wetlands. EO 12898 requires FEMA to provide the opportunity for public participation in the planning process and to consider potential impacts to minority and low-income populations. This notice may also fulfill requirements under Section 106 of the National Historic Preservation Act (NHPA).

President Biden issued new Executive Orders 13985 and 14008 in January 2021 to further address the need to achieve environmental justice and equity across the federal government. The issuance of the new executive orders more than 20 years after Executive Order 12898 was signed indicates the administration's directive to federal agencies to renew their energy, effort, resources and attention to environmental justice. FEMA is working with applicants/subapplicants to identify communities with Environmental Justice concerns and provide an avenue for local groups and non-profits with an Environmental Justice mission to self-identify so that FEMA Programs can start to work with them on specific projects from the beginning of the application process.

This notice serves as a project- specific final notice for FEMA's funding action located within a Special Flood Hazard Area. FEMA has determined the only practicable alternative is to fund the installation of a redundant water main within the Special Flood Hazard Area prior to future storm events. Funding for the proposed project will be conditional upon compliance with all applicable federal, tribal, state and local laws, regulations, floodplain standards, permit requirements and conditions. This action complies with the National Flood Insurance Program (NFIP) requirements.

Responsible Entity: FEMA Hazard Mitigation Grant Program

Applicant: City of Folly Beach

Project Title(s): HMGP 4542-25 Backup to Primary and ONLY Water Source to Folly Beach

Location of Proposed Work and Floodplain Insurance Rate Map (FIRM) Panels:

Site Name	GPS Coordinates	FIRM Panel
Proposed water main project start- at the intersection of Terns Nest Rd and Folly Rd	32.6858°N, 79.9596°W	0687
Proposed water main project end- off Center St and W Arctic Ave	32.6525°N, 79.9427°W	0687

All Panels effective 11/17/2004. Sites are located within regulatory floodways. Sites are located within or adjacent to wetlands.

Proposed Work and Purpose: The project includes installation of an additional 12" ductile iron pipe water main to provide additional capacity and better reliability for the City of Folly Beach. Installation will include open cut installation in highland areas and horizontal directional drilling to avoid environmentally sensitive areas and cross the Folly Creek and Folly River. The current water supply is through a single pipeline, which connects the City's water system with the Charleston Water system infrastructure. This project will help meet fire demands, seasonal peak demands and enhance water system reliability during emergencies and natural disasters.

Project Alternatives:

- (1) Aquifer Storage Recovery System – Installation of an Aquifer Storage Recovery (ASR) System within the City of Folly Beach and connect to the existing water system. This process utilizes a manmade well that stores water underground and is later recovered for distribution and use. The initial construction cost for this project is approximately 20% more than that of the redundant water main and annually it requires maintenance costs that are 7 times greater than that associated with a water main. This alternative is not as cost effective as installing the proposed water main.
- (2) No action alternative – The alternative of no action is not viable because the existing system does not provide

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redundancy in case of a system failure or emergency. There currently are not any measures in place to provide water supply to the City of Folly Beach in the event of a failure of the only water supply. With the no action alternative negative impacts may be experienced.

Comments: This will serve as the final public notice regarding the above-described action funded by the FEMA HMGP program. Interested persons may submit comments, questions, or request a map of this specific project by writing to the Federal Emergency Management Agency, Region 4, 3005 Chamblee-Tucker Road, Atlanta, Georgia 30341, or by emailing FEMA-R4EHP@fema.dhs.gov. Comments should be sent in writing with the subject line "HMGP 4542-25 Backup to Primary and ONLY Water Source to Folly Beach" at the above addresses within 15 days of the date of this notice.

THIS NOTICE MAY BE REMOVED FROM PUBLIC VIEW ON THE 15th DAY FROM ORIGINAL DATE OF POSTING

NOTICE WAS POSTED ON 12th **DAY OF** JULY **2022**