



MEMORANDUM

TO: Mayor and City Councilors

FROM: Rich Olson, City Manager
Morgan Jethro, Community Development Manager

DATE: March 4, 2015

REF: Consideration - Call for a Public Hearing for North Carolina
Department of Commerce Small Cities Community
Development Block Grant (CDBG) Infrastructure Grant—Raw Water
Transmission Main

BACKGROUND:

City Staff intends to apply to the North Carolina Department of Commerce for a Small Cities Community Development Block Grant (CDBG) Infrastructure Grant. Twenty-six million dollars are available in a competitive grant process for infrastructure needs this year. Replacement of the City's raw water transmission main is of paramount importance. The City will request approximately \$900,000 in grant assistance for its replacement costs. There is no match requirement for this type of project via CDBG funds. A public hearing prior to grant submission is required and citizens are invited to make comments and express concerns about the current grant application.

ANALYSIS:

The raw water transmission main is over 70 years old and has endured repeated breaks. The cast iron pipes have reached life expectancy and have become brittle. In the event of a major break, the City loses the ability to transmit water from its well field to the Water Treatment Plant and thus, to its citizens.

The City of Elizabeth City Raw Water Transmission Main Replacement Project consists of two phases of construction due to budget constraints. Phase 1 was funded in part with help from the NC Rural Economic Development Center in 2012. In the first phase of the project, the older 10" pipe was replaced with a 14" PVC pipe from the Water Treatment Plant to and then under Knobbs Creek.

In the first phase of the project, the City also replaced the 12" pipe exposure to vehicular traffic with a 14" pipe under Knobbs Creek.

Phase two of this project involves the replacement of the existing 10" cast iron raw water transmission main with 9,000 linear feet of 14" PVC pipe beginning at Wellfield Road and continuing to the end of the Phase I project just north of Knobbs Creek. The increased size of the pipe from 10" to 14" will accommodate the anticipated growth and demand on the City's water supply, which is anticipated to be 2.63 MGD by 2028 according to the Preliminary Engineering Report prepared by Hyman and Robey. The estimated cost of the project is \$900,000. No local match is anticipated. The City is now asking for funding through CDBG to fund the second phase of this project.

The critical need to replace the raw water transmission pipe in Elizabeth City is mentioned in a letter to Mr. Paul Fredette, PE, Utilities Director, from Mr. David Tawes, of NCDENR -Public Water Supply, dated January 11, 2008.

The benefit of this project is to protect the sole water supply of the City of Elizabeth City and provide uninterrupted service to its 6,273 residential and 1,007 commercial customers depending daily on the water system. The City has a 57% low-moderate income population.

STAFF RECOMMENDATION:

By motion, call for a public hearing to be held on March 23, 2015 at 7:30 p.m. in Council Chambers of the Municipal Administration Building, in order to gather citizen input on the adoption of the attached resolution relating to the proposed CDBG infrastructure grant application for the raw water transmission line.

Attachment: Raw Water Transmission Main Project Map

RESOLUTION # 2015-03-_____
AUTHORIZING SUBMISSION OF CDBG APPLICATION TO
North Carolina Department of Environment & Natural Resources
(NCDENR) Division of Water Infrastructure for the
City of Elizabeth City Raw Water Transmission Main Project

WHEREAS, Title I of the Federal Housing and Community Development Act of 1974, as amended, has established the U.S. Housing and Urban Development (HUD) Community Development Block Grant (CDBG) Program, and has authorized the making of grants to aid eligible units of government in funding the cost of construction, replacement, or rehabilitation of water and wastewater infrastructure, and that the North Carolina Department of Environment & Natural Resources (NCDENR) Division of Water Infrastructure (DWI) was delegated the authority by the state legislature to administer the water and wastewater infrastructure portion of the state grant monies received from the U.S. HUD CDBG program by Session Law 2013-360, Section 15.15(a) as amended by Section 5.3 of Session Law 2013-363; and

WHEREAS, the City of Elizabeth City has need for and intends to construct a drinking water distribution system raw water transmission main project described as the replacement of the existing 10" cast iron raw water transmission main with 9,000 linear feet of 14" PVC pipe beginning at Wellfield Road and continuing to the end of the Phase I project just north of Knobbs Creek along Main Street Extended; and

WHEREAS, the City of Elizabeth City has already spent \$800,000 constructing Phase I of this project and NCDENR has placed a priority on Phase II of this project; and

WHEREAS, the City of Elizabeth City intends to request state grant assistance for the project.

NOW THEREFORE BE IT RESOLVED, by the City Council of the City of Elizabeth City:

1. That the City of Elizabeth City, hereinafter referred to as the Applicant, will adopt and place into effect on or before completion of the project a schedule of fees and charges and other available funds which will provide adequate funds for proper operation, maintenance, and administration of the system.
2. That the Applicant will provide for efficient operation and maintenance of the project on completion of construction thereof.
3. That Mayor Joseph W. Peel, hereinafter referred to as the Authorized Official and successors so titled, is hereby authorized to execute and file

an application on behalf of the Applicant with the State of North Carolina for a grant to aid in the construction of the project described above.

4. That the Authorized Official and successors so titled, is hereby authorized and directed to furnish such information as the appropriate State agency may request in connection with such application or the project; to make the assurances as contained above; and to execute such other documents as may be required in connection with the application.
5. That the Applicant has substantially complied or will substantially comply with all Federal, State, and local laws, rules, regulations, and ordinances applicable to the project and to Federal and State grants and loans pertaining thereto.

Adopted this the 23rd day of March 2015 at Elizabeth City, North Carolina.

Joseph W. Peel
Mayor

ATTEST:

Vivian D. White, CMC/NCCMC
City Clerk

CERTIFICATION BY RECORDING OFFICER

The undersigned duly qualified and acting City Clerk of the City of Elizabeth City does hereby certify: That the above/attached resolution is a true and correct copy of the resolution authorizing the filing of an application with the State of North Carolina, as regularly adopted at a legally convened meeting of the City Council duly held on the 23rd day of March, 2015; and further, that such resolution has been fully recorded in the journal of proceedings and records in my office.

IN WITNESS WHEREOF, I have hereunto set my hand this _____ day of March, 2015.

Vivian D. White, CMC/NCCMC
City Clerk



CITY OF ELIZABETH CITY RAW WATER TRANSMISSION MAIN REPLACEMENT



PROJECT LOCATION MAP
NTS