

CDAP Public Infrastructure Grant  
Grant Awarded 10/23/2014

# City of Greenville

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## **HUD 8-Step Review for Construction within a Floodway**

**Review conducted 11/1/2014—12/1/2014**



APPROXIMATE SCALE



NATIONAL FLOOD INSURANCE PROGRAM

# FIRM FLOOD INSURANCE RATE MAP

BOND COUNTY,  
ILLINOIS  
(UNINCORPORATED AREAS)

PANEL 100 OF 150

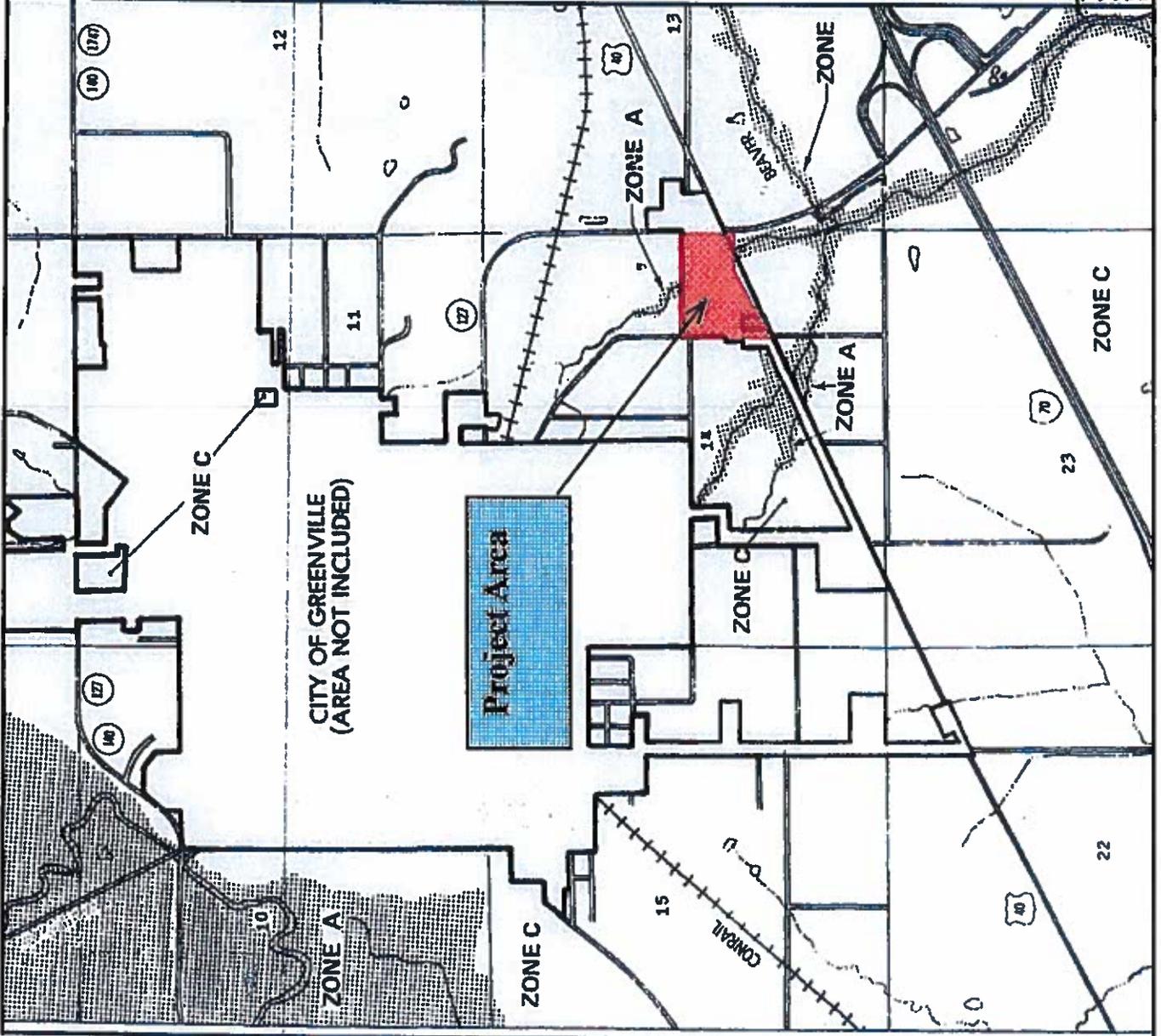
COMMUNITY-PANEL NUMBER  
170996 0100 B

EFFECTIVE DATE:  
JANUARY 4, 1985



Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at [www.mec.fema.gov](http://www.mec.fema.gov)



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U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT  
EIGHT STEP REVIEW AND DECISION MAKING PROCESS FOR PROJECT  
LOCATED IN A FLOODPLAIN

CITY OF GREENVILLE, ILLINOIS  
CDAP GRANT FOR PUBLIC INFRASTRUCTURE  
BOWMAN DRIVE WATERLINE REPLACEMENT

**Proposed Action:** The City of Greenville in Bond County is a community of 7,000 residents and operates its own water treatment plant and water distribution system. There are roughly 3,500 water customers. The proposed project involves the replacement of old, defective water pipe in the southeast section of the City along Bowman Drive between Illinois Route 127 and Ridge Street. This section of water main primarily serves a mobile home community of approximately 80 homes and a few adjacent permanent residences. Water main breaks have been a repeated problem for the targeted area since 2002. This project will also increase the number of fire hydrants serving this mobile home community from 1 to 5 hydrants, and will afford the Fire District more adequate resources for fighting fires in the Southeast quadrant of the intersection of Bowman Drive and Ridge Street.

**STEP 1- Determine whether the proposed action is located in a 100-year floodplain.**

A review of the FEMA Flood Rate Insurance Map (FIRM) has determined that sites in or around the proposed route of about 4,000 l.f. of 4", 6", and 8" PVC for replacement of a water distribution line for the public water system in the City of Greenville are within the 100- year floodplain of tributaries of Beaver Creek. The total project area is roughly 1,284,370± sq. ft. and the approximate area of floodplain affected is approximately 51,673 ± sq. ft.

**STEP 2- Notify the public at the earliest possible time of a proposal to consider an action in a floodplain, and involve the affected and interest public in the decision-making process.**

A "Notice of Early Public Review" was published in the *Greenville Advocate* on Wednesday, December 4, 2014. The notice described the proposed project, its location, and allowed public review and comment of preliminary construction plans. Public Comment was invited during the time period from December 4, 2014 through December 20, 2014. Proof of publication is included with the attachments.

**STEP 3- Identify and evaluate practicable alternatives to locating the proposed action in a floodplain.**

a. No Build Alternative.

As illustrated in the Attachments hereto, the defective waterline to be repaired/replaced is located within these same floodplain areas. Because of the location of the existing water distribution lines public health and safety require the remediation of a defective water line within a flood plain. As such, the NO Build Alternative is therefore not practicable in addressing the need and achieving the purpose of the proposed project.

b. Locate a Creek Crossing Elsewhere in the Project Area.

These tributaries of Beaver Creek and their location within the entire project area do not allow for an existing waterline replacement without a creek crossing involved. The planned creek crossing areas are the most logical and practicable for the proposed project, and an alternative location for the crossing is not a possible option. Any creek crossing in the project area would require working in the floodway/floodplain, so there is no practicable alternative to working in the floodway/floodplain that will address the need and achieve the purpose of the proposed project.

c. Locate Project Within Floodway/Floodplain

The proposed projects seeks to resolve a significant threat to public safety and health. Water distribution lines to be replaced lie underground in public rights-of-way along Bowman Drive and Ridge Street and will not be affected by inundation of the 100-year flood.

**STEP 4 – Identify potential direct and indirect impacts associated with the occupancy or modification of the floodplain.**

The activity has no impact, direct or indirect, on the base flood elevation. It does not directly or indirectly support floodplain development that would have additional impacts.

- a. Occupancy of Floodplain: Because no vertical structures are proposed with this project, occupancy of the floodplain will be intermittent for the construction period only, and impacts will be minimal and temporary.
- b. Modification of Floodplain: Impacts associated with modifying the floodplain will be minimal. No net rise in water level during a 100-year inundation is anticipated as a result of this project.

Consultation with the Greenville City Flood Plain Administrator has been completed and the Administrator has advised that, in his opinion, any impact by this project upon the flood plain will be of a temporary nature and will be minimal. Consultation with Illinois Department of Natural Resources has resulted in an opinion the project would qualify for approval under Statewide Permit No. 8, and if those conditions are met no further consultation with IDNR will be necessary. Consultation with the US Army Corps of Engineers reveals that should a Section 404 permit be required a fairly simple nationwide permit process would be required.

**STEP 5 – Where practicable, design or modify the proposed action to minimize the potential adverse impacts within the floodplain and to restore and preserve its natural and beneficial values.**

Modifications to the proposed action within the floodplain were recommended by the project engineers, Henneghan & Associates, that work within the flood plain areas of this project could be accomplished by directional boring, if necessary, in order to minimize disturbance to the surface areas. In addition, appropriate

sediment and erosion control will be utilized. Following construction activities all disturbed ground will be restored to a final stabilization condition.

**STEP 6 – Reevaluate the Alternatives**

In order to achieve the purpose and address the need of this project, it is necessary to locate the project in the floodway/floodplain. Steps are proposed to minimize impacts to the natural value of the project site during and after construction. The proposed actions were reevaluated and were considered practicable in light of exposure to flood hazards.

**STEP 7 – Determination of No Practicable Alternative**

A joint notice of no practicable alternative, a Finding of No Significant Impact, and Intent to Request a Release of Funds will be published upon the expiration of the public review and comment period following December 20, 2014.

**STEP 8 – Implement the Proposed Action.**

No project activity will occur unless or until the environmental clearance and release of funds have been received from DCEO.

# The Greenville Advocate

## CERTIFICATE OF PUBLICATION

State of Illinois }  
County of Bond } SS.

I, Richard D. Reeves, do hereby certify that I am the Publisher of The Greenville Advocate, a semi-weekly secular newspaper of general circulation, published in the City of Greenville, County and State aforesaid, and that an advertisement, of which the annexed is a true copy, has been published in the said

The Greenville Advocate Once weeks in succession, beginning on the 4th day of December 2014

and ending on the 20 day of January 2015

and that the said The Greenville Advocate has been regularly published for more than one year prior to the first publication of said notice.

I further certify that said newspaper is a newspaper as defined in an Act to revise the law in relation to notices as amended by Act approved July 17, 1959 - Illinois Revised Statutes, Chap. 100, Para. 1 & 5.

Given under my hand this 2nd day of January 2015

No. 7880 THE GREENVILLE ADVOCATE  
s. Richard D. Reeves By Yonny B. Rankin

### EARLY NOTICE AND PUBLIC REVIEW OF

### A PROPOSED ACTIVITY IN A 100-YEAR FLOODPLAIN

Publication Date: 12/5/2014

This is to give notice that The City of Greenville has conducted an evaluation as required by Executive Order 11988 and/or 11990, in accordance with HUD regulations at 24 CFR 55.20 Subpart C Procedures for Making Determinations on Floodplain Management, to determine the potential effect that its activity in the floodplain will have on the human environment for a CDAP Public Infrastructure grant. The grant project will involve funding from Community Development Block Grant funds for the remediation of waterline problems on Bowman Drive between Illinois Route 127 and Ridge Avenue with a loop on Ridge Avenue, and will require the construction of approximately 4,000 l.f. of waterline replacement within public right-of-way. The project will cross approximately 52,000 sq. ft. of 100-year flood plain. The proposed project is located 1401-1499 Bowman Drive and 1800-1800 Ridge Avenue within the corporate limits the City of Greenville, Bond County.

There are three primary purposes for this notice. First, people who may be affected by activities in floodplains and those who have an interest in the protection of the natural environment should be given an opportunity to express their concerns and provide information about these areas. Second, an adequate public notice program can be an important public educational tool. The dissemination of information about floodplains can facilitate and enhance Federal efforts to reduce the risks associated with the occupancy and modification of these special areas. Third, as a matter of fairness, when the Federal government determines it will participate in actions taking place in floodplains, it must inform those who may be put at greater or continued risk.

Written comments must be received by Sue Ann Nelson, City Clerk at the following address on or before 12/30/2014: City Clerk, Greenville Municipal Building, 404 South 3rd Street, Greenville, IL 62248 and 618-664-1644. Certifying Officer: Alan Gaffner, Mayor. Comments may also be submitted or further information can be requested via email at [lragsesser@slmapc.com](mailto:lragsesser@slmapc.com). A full description of the project may also be reviewed from 9:00 a.m. to 4:00 p.m. at the Municipal Building at the address shown above.

# The Greenville Advocate

## CERTIFICATE OF PUBLICATION

State of Illinois }  
County of Bond } SS.

I, Richard D. Reeves, do hereby certify that I am the Publisher of The Greenville Advocate, a semi-weekly secular newspaper of general circulation, published in the City of Greenville, County and State aforesaid, and that an advertisement, of which the annexed is a true copy, has been published in the said

The Greenville Advocate once weeks in succession, beginning on the 25th day of December 2014

and ending on the 26th day of December 2014 and that the said The Greenville Advocate has been regularly published for more than one year prior to the first publication of said notice.

I further certify that said newspaper is a newspaper as defined in an Act to revise the law in relation to notices as amended by Act approved July 17, 1959 — Illinois Revised Statutes, Chap. 100, Para. 1 & 5.

Given under my hand this 2nd day of January 2015

No. 1 THE GREENVILLE ADVOCATE  
By Richard D. Reeves

### COMBINED FINDING OF NO SIGNIFICANT IMPACT/NOTICE OF INTENT TO REQUEST RELEASE OF FUNDS, AND FINDINGS/EXPLANATIONS FOR CONSTRUCTION IN A FLOODPLAIN

City of Greenville, Illinois  
404 S. 3rd Street  
Greenville, IL 62246-1795  
618-664-1844

#### TO ALL INTERESTED AGENCIES, GROUPS AND PERSONS:

On or about January 9, 2015 the above named City of Greenville will request the Department of Commerce and Economic Opportunity to release federal funds under Title I of the Housing and Community Development Act of 1974, as amended, for the following project:

- Replacement of approximately 4,000 l.f. of old, defective water line in the southeast section of the City along Bowman Drive between IL-127 and Ridge Street, with a loop on Ridge Street.

#### FINDING OF NO SIGNIFICANT IMPACT

It has been determined that such request for release of funds will not constitute an action significantly affecting the quality of the human environment and accordingly the City of Greenville has decided not to prepare an Environmental Impact Statement under the National Environmental Policy Act of 1969 (PL 91-190).

An Environmental Review Record respecting the within project has been made by the City of Greenville which documents the environmental review of the project and more fully sets forth the reasons why such Statement is not required. This Environmental Review Record is on file at the

City Municipal Building, 404 S. 3rd Street, Greenville, and is available for public examination and copying at requester's expense upon request between the hours of 9:00 a.m. and 4:00 p.m. Monday through Friday, excluding holidays.

No further environmental review of such project is proposed to be conducted prior to a request for release of federal funds.

#### PUBLIC COMMENTS ON FINDING

All interested agencies, groups and persons disagreeing with this decision are invited to submit written comments for consideration by the City of Greenville. Such written comments should be received at the office of the City Manager on or before January 8, 2015. All such comments received will be considered and the City will not request the release of federal funds or take any administrative action on the within project prior to the date specified in the preceding sentence.

#### RELEASE OF FUNDS

The City of Greenville will undertake the project described above with Community Development Assistance Program (CDAP) funds, from the Illinois Department of Commerce and Economic Opportunity (DCEO) under Title I of the Housing and Community Development Act of 1974, as amended. The City of Greenville is certifying to DCEO that the City of Greenville, and Mr. Alan Gaffner in his official capacity as Mayor, consent to accept the jurisdiction of the federal courts if an action is brought to enforce responsibilities in relation to environmental review, decision making and action; and that these responsibilities have been satisfied. The legal effect of the certification is that upon its approval the City of Greenville may use the CDAP funds, and DCEO will have satisfied its responsibilities under the National Environmental Policy Act of 1969.

#### OBJECTIONS TO STATE RELEASE OF FUNDS

DCEO will accept an objection to its approval only if it is on one of the following bases: a) that the certification was not in fact executed by the certifying officer or other officer of applicant approved by DCEO; b) the applicant has failed to make one of the two findings pursuant to 58.40 or to make the written determination required by 58.35, 68.47 or 58.63 for the project as applicable; c) that the applicant's environmental review record for the project indicated omission of a required decision finding or site applicable to the project in the environmental review process; d) the applicant has committed funds or incurred costs not authorized by this paragraph before release of funds and approval of the environmental certificate by the state. Objections must be prepared and submitted in accordance with the required procedure (24 CFR Part 58.75) and may be addressed to Illinois Department of Commerce and Economic Opportunity, 500 East Monroe Street, 5th Floor, Springfield, Illinois 62701.

#### FINDINGS AND PUBLIC EXPLANATION FOR CONSTRUCTION IN A FLOODWAY

As required by Executive Order 11988, and in accordance with Executive Order 11514 (Appendix E) and Section 102 (2)(c) of the National Environmental Protection Act of 1969; this is a notice of Findings and Public Explanation for Construction in a Floodway. The City of Greenville proposes to use funds allocated under Title I of the Housing and Community Development Act of 1974 (Public Law 93-383) for the following project:

The City of Greenville, the applicant, proposes to construct approximately 4,000 l.f. of 4", 6" and 8" waterline along Bowman Drive between IL-127 and Ridge Street with a loop on Ridge Street. The entire project will be completed within the public right-of-way, and approximately 4' of the project will be within the 100-year flood plain. The cost of the improvements is estimated to be approximately \$475,000 including engineering and grant administration.

An eight step floodplain review has been conducted by Southwestern Illinois Metropolitan and Regional Planning Commission (SIMAPC). This record is on file at the Municipal Building, 404 S. 3rd Street, Greenville. It is available to the public on request between the hours of 9:00 a.m. and 4:00 p.m., Monday through Friday.

The review resulted in a finding that the proposed action must be located in the base floodplain because the project will replace defective waterline, portions of which are within the base floodplain. All other options will not correct the defective waterline. The only other feasible alternative is to not complete the project. This alternative is not feasible because of the health and safety issues facing the residents of this sector of the City.

The review details the following issues: identification and evaluation of alternatives; identification of impacts; ways to minimize, restore, and preserve; re-evaluation of alternative; and findings.

This is in accordance with requirements set forth by: The Floodplain Disaster Protection Act of 1973 (Public Law 93-234), Title 24, Chapter X, Subchapter B; the National Flood Insurance Program (44CFR 59-7); Executive Order 11988 and the Governor's Executive Order IV. Any and all objections must be received no later than January 8, 2015 at 4:00 p.m. at the office of the City Manager, 404 S. 3rd Street, Greenville.

Alan Gaffner, Mayor  
City of Greenville  
404 S. 3rd Street  
Greenville, IL 62246