

PICKAWAY TOWNSHIP

EIGHT STEP FLOODPLAIN REVIEW PROCEDURE

PROJECT DESCRIPTION: Pickaway Township 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: Construction of approximately 17 miles of water mains, service laterals and all related costs to provide potable water for currently un-served households in targeted areas in and around Pickaway Township with water from the EJ Water Cooperative – LP Phase 9. The total project cost is estimated to be \$612,638 (\$162,638-Local bank / EJ Water COOP funds and \$450,000-DCEO CDAP funds). The base floodplain affected includes (but not limited to) crossings of Robinson Creek in Shelby County.

1. Determine if the project is located in the base floodplain. If the project is not in the base floodplain, proceed to Step 4.

A portion of the proposed water lines are located in the base floodplain.

2. The grantee must make public its intent to locate a proposed project in the base floodplain. This notice must provide a description of the proposed project with ample lead time for meaningful input from the public. A sample notice is provided in Appendix 2-1-Q. This publication must allow for a 15 day comment period, not including the date of publication.

The “Early Public Review for Construction in a Floodplain” notice was made and advertised in the Shelbyville Daily Union on November 21, 2014. Comment period ended on December 10, 2014 (15 days)

3. Identify and evaluate the practicable alternative to locating in the base floodplain. This determination requires the grantee to consider:

The project objective is to make potable water available to primarily low to moderate income households that are currently using contaminated wells in order to alleviate a health and safety threat to those households.

- a. Avoiding the base floodplain through alternative siting:

The only alternative siting would be to construct the proposed water lines around the base floodplain. Because of the limited amount of funding that is available and the location of the households that require the potable water, this alternative is not feasible. By doing this alternative, the additional cost of construction would not make the project objective possible to accomplish.

- b. Modifying the project to minimize harm to the floodplain and still accomplish the project objectives.

The project has been modified to construct the new water lines under the water beds located in the base floodplain. This will allow minimum impact to the base floodplain and still accomplish the project objectives. In addition, the proposed project will cross the base floodplain on only a couple occasions, which is the minimum possible to accomplish the project objectives. Boring under the floodplain does not involve constructing a federally funded facility in the base floodplain.

4. For all proposed alternatives, the grantee must identify if the project has impacts in the base floodplain, directly or indirectly supports floodplain development that has additional impacts. If the proposed project is outside the base floodplain and has no identifiable impacts or support, the project can be implemented, go to step 8.

Alternative 1: Relocate the water lines around the base floodplain.

This alternative would have no impact on the base floodplain, however this alternative would not accomplish the project objectives as the water lines could not be built due to cost and location of existing water lines.

Alternative 2: Find a new water source (wells or another water district).

New wells would have no impact on the base floodplain, however this alternative would not accomplish the project objectives as the underground water in the area is not considered safe. Finding another water district would pose the same environmental issues as using the EJ Water Cooperative.

Alternative 3: Complete the project as proposed in the project description.

This alternative would have a minimal impact to the base floodplain and the project objectives can be accomplished as all work in the floodplain will be done underground and through boring.

Alternative 4: Do nothing.

This alternative would have no impact on the base floodplain. However this alternative would not accomplish the project objectives as the water lines would not be built. Households would still face the current health and safety threats that currently exist.

5. If the proposed project has identifiable impacts or support, these effects must be minimized. Further, natural and beneficial floodplain values must be restored and preserved.

Alternative 3: Complete the project as proposed in the project description.

This alternative would have a minimal impact to the base floodplain and the project objectives can be accomplished.

The construction of new water lines will have a minimal impact on the base floodplain. All water lines will be bored under water beds and construction in wetlands will require 1:1 mitigation measures. The Illinois Department of Natural Resources has signed-off on this project (See letter dated 11/18/14), however Interagency Wetland Policy Act Monitoring Provision for Minimal Impacts Meeting the 1:1 Mitigation Requirement requirements will be made as part of this project.

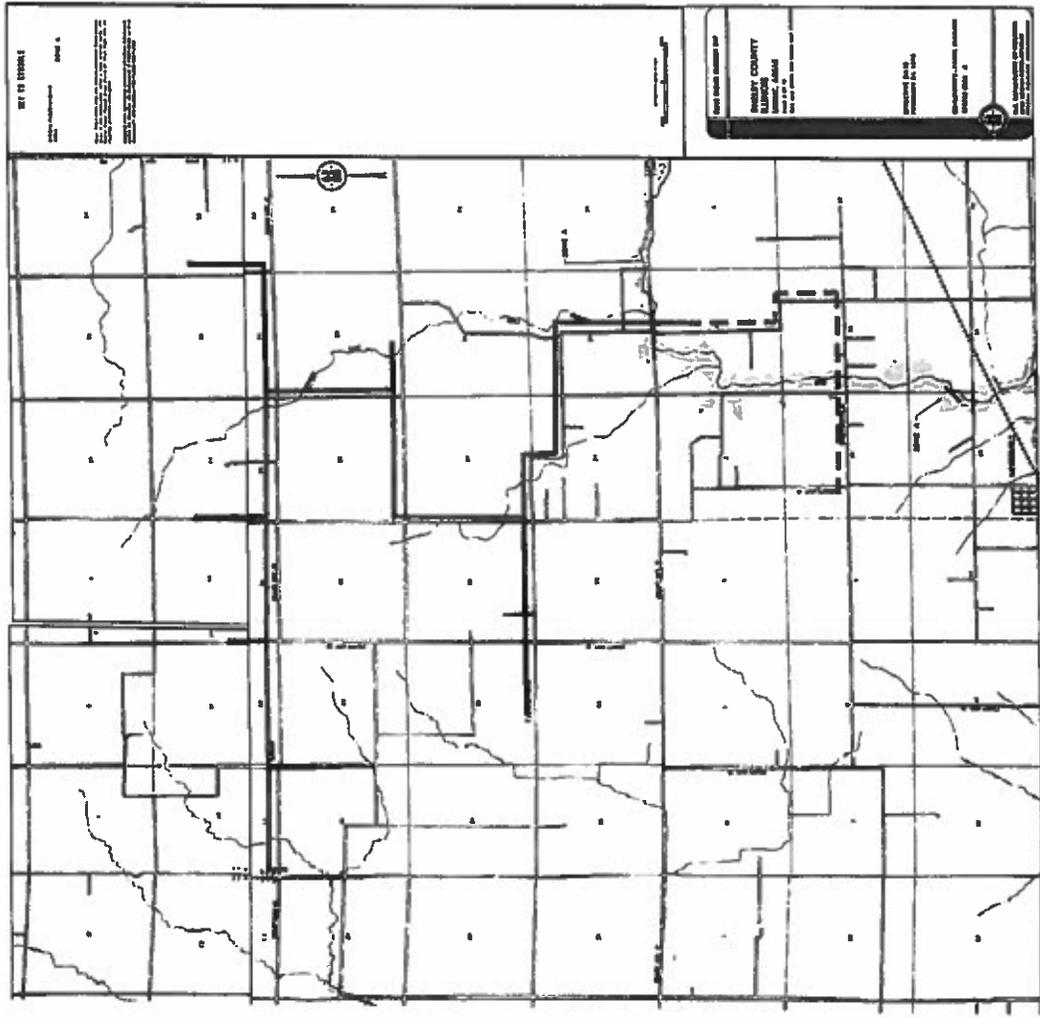
6. The proposed alternative can now be reevaluated taking into account the identified impacts, the steps necessary to minimize these impacts and opportunities to restore and preserve floodplain values.

After a reevaluation of the alternatives, it has been determined that the construction of the proposed project will have an impact on the base floodplain, however construction practices will be modified in order to minimize that impact. Natural Resources that are affected during construction will require 1:1 mitigation which will ensure that floodplain values are preserved. All work in the floodplain will be bored and underground. The reevaluation has determined the best alternative is to accomplish the project objectives as proposed in the grant application project description.

7. If the grantee finds that the only practicable alternative is locating in the base floodplain, public notice of the reasons must be given for this finding and the alternatives considered must be detailed. A sample of the second floodplain publication is provided in Appendix 2-1-R. This publication must allow for a 7-day comment period not including the date of publication.

The "Findings and Public Explanation for Construction in a Floodplain" notice was made and advertised in the Shelbyville Daily Union on December 12, 2014. Comment period ended on December 22, 2014 (7 days).

8. After allowing a reasonable period for the public response, the proposed project can be implemented.



LEGEND

- EXISTING 4" WATER MAIN
- EXISTING 6" WATER MAIN
- EXISTING 8" WATER MAIN
- PROPOSED 4" WATER MAIN
- PROPOSED 6" WATER MAIN

FEMA FLOOD PLAINS
 LP PHASE B
 WATER DISTRIBUTION SYSTEM
 EJ WATER COOPERATIVE INC.
 PICKAWAY TOWNSHIP
 SHELBY COUNTY

MILANO & GRUNION ENGINEERS, LLC
 114 WEST WASHINGTON
 PITTSBURGH, PENNSYLVANIA 15222
 PHONE: (412) 347-7282
 FAX: (412) 347-2714
 WWW.SHELBYENGINEERS.COM
 DESIGN FIRM # 154-003108
 FILE NAME: S:\DWG\08\08400\dwg\FEMA Maps.dwg
 PLOT DATE: 01/22/14

Certificate Of Publication

STATE OF ILLINOIS, SHELBY COUNTY, SS.

Shelbyville, Illinois

I, Paul E. Semple do certify that I am the authorized agent and the publisher of the Shelbyville Daily Union, a secular newspaper of general circulation published bi-weekly, in Shelby County, City of Shelbyville, and the State of Illinois and that I am authorized to make this certificate for the said Newspaper that the notice or advertisement of

EJ Water Cooperative

relating to the matter of

Pickaway Twp/Construction of Floodplain

A true copy of which is hereto annexed, has been printed and published in the said Shelbyville Daily Union as follows:

the first on the 21st day of Nov, 2014

the second on the day of

the third on the day of

the fourth on the day of

and that the said newspaper was regularly published for a period of one year prior to the date of the first publication of this notice.

I Further certify that the face of the type in which each publication of the said notice was made the same as the body type and the classified advertising in the issue of the said newspaper in which such publication was made.

I Further certify that said newspaper is the newspaper as defined in 'An Act to revise the law in relation to notices' as amended by Act approved July 17, 1959. - Ill. Revised Statuts. Chap. 100. Para. 1-10.

PICKAWAY TOWNSHIP
EARLY PUBLIC REVIEW FOR CONSTRUCTION IN
A FLOODPLAIN

November 21, 2014

Pickaway Township

RR1 Box 64

Findlay, IL 62534

TO ALL INTERESTED AGENCIES, GROUPS, AND PERSONS:

As required by Executive Order 11988, and in accordance with Executive Order 11514 (Appendix E) and Section 102(2)(c) of the National Environmental Policy Act of 1969, this notice is an early public dissemination to promote public understanding and provide opportunities for public involvement.

Pickaway Township proposes to use funds allocated under Title I of the Housing and Community Development Act of 1974 (Public Law 93-388) for the following project: Construction of approximately 17 miles of water mains, service laterals and all related costs to provide potable water for currently un-served households in targeted areas in and around Pickaway Township with water from the EJ Water Cooperative - LP Phase B. The total project cost is estimated to be \$612,636 (\$182,636 Local bank / EJ Water COOP funds and \$430,000-DOED ODAP funds). The base floodplain affected includes (but not limited to) crossings of Robinson Creek in Shelby County.

Project activities are in a floodplain and require an eight step floodplain review. The review will be conducted by Milano and Grunion Engineers, 114 W. Washington, P.O. Box 887, Effingham, Illinois 62401. Comments should be directed to Pickaway Township (Lara Madrin), RR1 Box 64, Findlay, Illinois 62534, between the hours of 9:00am and 4:00pm. This review will detail the following: identification and evaluation of alternatives; identification of impacts; ways to restore, minimize, preserve, and re-evaluation of alternatives and findings.

Pickaway Township will accept comments and objections to this floodplain notice until December 30, 2014. This is in accordance with requirements set forth by the Floodplain Disaster Protection Act of 1973 (Public Law 93-284), Title 24, Chapter X, Subchapter B, the National Flood Insurance Program (44 CFR 60-70), Executive Order 11988, and the Governor's Executive Order IV. Any and all objections must be received no later than December 10, 2014 by Pickaway Township.

Lara Madrin
Pickaway Township Supervisor
Legal #1418 11/21/14

Shelbyville Daily Union

as agent of the Shelbyville Daily Union

Certificate Of Publication

STATE OF ILLINOIS, SHELBY COUNTY, SS.

Shelbyville, Illinois

NOTICE

PICKAWAY TOWNSHIP FINDINGS AND PUBLIC EXPLANATION FOR CONSTRUCTION IN A FLOODPLAIN

December 12, 2014 Pickaway Township RR1 Box 84 Findlay, IL 62534

TO ALL INTERESTED AGENCIES, GROUPS, AND PERSONS:

As required by Executive Order 11988, and in accordance with executive Order 11514 (Appendix E) and Section 102(2)(c) of the National Environmental Policy Act of 1969, this is a notice of Findings and Public Explanation for Construction in a Floodplain.

Pickaway Township 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: Construction of approximately 17 miles of water mains, service laterals and all related costs to provide potable water for currently un-served households in targeted areas in and around Pickaway Township with water from the EJ Water Cooperative - LP Phase 9. The total project cost is estimated to be \$612,638 (\$162,638-Local bank / EJ Water COOP funds and \$450,000-DCEO CDAP funds). The base floodplain affected includes (but not limited to) crossings of Robinson Creek in Shelby County.

An eight step floodplain has been conducted by Pickaway Township. This record is on file at the Pickaway Township Hall. It is available to be public on request by contacting Lara Macklin, RR1 Box 84, Findlay, Illinois 62449 between the hours of 9:00am and 4:00pm.

The review resulted in a finding that the proposed action must be located in the base floodplain, because in order to meet the project objectives, this project must be constructed as designed. The proposed water lines must be located in the base floodplain to serve those identified low-to-moderate income households with potable water to alleviate the threat to the health and safety of these residents. The alternatives considered include: re-routing the water lines around the base floodplain, construct the water lines as designed, and to do nothing. Re-routing the water lines could not be built because the cost could not meet project objectives in the low-to-moderate income household target area. The re-routing the water lines alternative and do-nothing alternative are not feasible because they would not meet project objectives. After a reevaluation of the alternatives, it has been determined that the construction of the proposed project as designed will have an impact on the base floodplain, however construction practices will be modified in order to minimize that impact.

The review details the following: identification and evaluation of alternatives; identification of impacts; ways to restore, minimize, preserve; and reevaluation of alternatives 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 (44 CFR 59-75); Executive Order 11988 and the Governor's Executive Order IV. Any and all objections must be received no later than December 22, 2014 by Pickaway Township.

Lara Macklin Pickaway Township Supervisor

Legal # 1491 12/12/14

I, Paul E. Semple do certify that I am the authorized agent and the publisher of the Shelbyville Daily Union, a secular newspaper of general circulation published bi-weekly, in Shelby County, City of Shelbyville, and the State of Illinois and that I am authorized to make this certificate for the said Newspaper that the notice or advertisement of

Pickaway Township relating to the matter of

Public Notice

A true copy of which is hereto annexed, has been printed and published in the said Shelbyville Daily Union as follows:

the first on the 12th day of Dec. 2014
the second on the day of
the third on the day of
the fourth on the day of

and that the said newspaper was regularly published for a period of one year prior to the date of the first publication of this notice.

I Further certify that the face of the type in which each publication of the said notice was made the same as the body type and the classified advertising in the issue of the said newspaper in which such publication was made.

I Further certify that said newspaper is the newspaper as defined in 'An Act to revise the law in relation to notices' as amended by Act approved July 17, 1959. - Ill. Revised Statutes. Chap. 100. Para. 1-10.

Shelbyville Daily Union

Paul E Semple

as agent of the Shelbyville Daily Union