



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-3397

JB PRITZKER, GOVERNOR

JOHN J. KIM, DIRECTOR

Project Summary and Notice of Categorical Exclusion from Detailed Environmental Review

Date: DEC 16 2019

Loan Applicant: Village of Plainfield

IEPA Loan Project Number: L174666

To all interested persons:

Section 365.330 of the Illinois Procedures for Issuing Loans from the Water Pollution Control Loan Program requires that the Illinois Environmental Protection Agency (IEPA) publish a Notice of Categorical Exclusion for proposed wastewater projects which are of such limited scope and have little or no potential for causing negative environmental impacts. Prior to granting approval of the project plans, the Agency requires that the public be granted an opportunity to comment as to whether in fact the projects should be precluded from the formal environmental review process and public hearing.

The IEPA has reviewed the above cited project plan and concurs with the applicant's finding that the proposed project is technically appropriate and cost effective. Unless new information provided through the public comment process causes reconsideration, the Agency will approve this planning at the close of the public comment period.

The applicant is required to public notice that the Agency has issued the attached Notices of Intent to Issue a Categorical Exclusion. These documents, along with the project planning, must be made available for public inspection, allowing 10 days for public comment. During this comment period, written comments may be provided to the applicant or directly to the IEPA contact person identified in the attached document.

For information purposes only, a copy of this document is being provided to your local newspaper of record.

Your interest and participation in this process are appreciated.

Sincerely,

Heidi Allen
Pre-Construction Unit Manager
Infrastructure Financial Assistance Section
Bureau of Water

HA: JM: n:\bow\grants\com_docs\mallory\projects\wastewater\plainfield - 4666-catex (sewer lining).docx

Attachment

4302 N. Main Street, Rockford, IL 61103 (815) 987-7760
595 S. State Street, Elgin, IL 60123 (847) 608-3131
2125 S. First Street, Champaign, IL 61820 (217) 278-5800
2009 Mall Street Collinsville, IL 62234 (618) 346-5120

9511 Harrison Street, Des Plaines, IL 60016 (847) 294-4000
412 SW Washington Street, Suite D, Peoria, IL 61602 (309) 671-3022
2309 W. Main Street, Suite 116, Marion, IL 62959 (618) 993-7200
100 W. Randolph Street, Suite 4-500, Chicago, IL 60601

Notice of Intent to Issue a Categorical Exclusion

In accordance with the Illinois Environmental Protection Agency (IEPA) Loan Rules, Title 35, Subtitle F, Chapter II, Part 365.330 (State Environmental Review), the IEPA has determined that the proposed project, described below, may be excluded from a detailed environmental impacts review. The Agency may categorically exclude certain types of projects from environmental review if no potential for negative environmental impacts exist. Environmental sign-offs have been received from all applicable agencies, the construction of this project is taking place in previously disturbed areas, and there are no adverse environmental impacts anticipated.

This report is based on information submitted to the IEPA by the Village of Plainfield. Sources of information include the following documents: The Village of Plainfield's Wastewater Facility Plan dated March 2019, with a cover letter dated April 1, 2019 and the Updated Facility Plan dated November 2019; all prepared by Baxter & Woodman, Inc.

Part I – Project Information

Loan Applicant: Village of Plainfield

County: Will

Project Name: Sewer Lining

Project Number: L174666

Current Population Served: 42,933

Future Population (20 year): 105,470

Project Description: The Village of Plainfield is proposing to line a portion of the sanitary sewers with a cured in place method. This project will consist of lining 14,300 linear feet (LF) of sanitary sewers ranging in size from 8 to 15-inches. The service laterals for the 300 homes along the project route will be lined, which will include 10,500 LF of 6-inch sewer pipe.

Project Location: Construction will occur along the downtown area of Plainfield, including Lockport, Center, Amboy and Evans Street and Bartlett Avenue, West Chicago, East Chicago, Corbin, Dillman, Hartong, Ottawa, Union Place and West Union Street, and Lakeside Court. See attached maps for specific project locations.

Project Justification: Recent inspections of the sanitary sewers have shown many of the pipes in poor condition; sections of the pipes are broken due to root protrusion. Sewers in the area receive high quantities of infiltration and inflow (I/I) during wet weather events. These improvements are needed to reduce I/I, repair the pipes structurally, eliminate sagging and restore the systems performance.

The Village also plans on constructing a water main replacement project at the same time as this project. Constructing these projects together will allow the Village to reduce pavement and traffic disturbance. This water main project will be under a separate loan number and document.

Construction Time Frame: Construction is projected to begin in March 2021 and will take approximately nine months to complete once in progress.

Project Cost Estimate: \$3,630,000

Part II – Project Affordability for Residents and Utility Customers

The estimated costs for the project are:

Construction	\$2,904,000
Contingency	\$290,400
Design Engineering	\$217,800
<u>Construction Engineering</u>	<u>\$217,800</u>
Total Project	\$3,630,000

The Village is proposing to finance the cost of the project through the IEPA Water Pollution Control Loan Program (WPCLP). A \$3,630,000 WPCLP loan with an estimated interest rate of 2.00% for a twenty (20) year period, would have an annual repayment of approximately \$220,363. If the annual loan repayment amount is divided between the Village's 13,679 sewer customers, each customer would pay \$16.08 per year, which equals \$1.34 per month.

The current loan program interest rate for the WPCLP is 2.00%. The interest rate adjusts annually on July 1st. All loans are subject to the interest rate in effect at the time a loan agreement is issued.

Source of Loan Repayment: The annual debt service cost will be covered by the 2020 and 2021 rate increases the Village has approved and adopted in their Ordinance Section 8-51.

Current Average Monthly Residential Cost of Service: \$25.56

How is the monthly residential cost of service calculated? Village residents receive a bill each month that reflects their water and sewer usage along with a capital improvement charge of \$6.50. The sewer rate structure reflected became effective February 1, 2019. Each user is charged a sewer rate of \$3.54 per 100 cubic foot (cf), with a minimum sewer bill of 300 cf per month. With the average residential usage of 722 cf per user per month this calculates to: \$25.56 per month: $\$3.54 \times 7.22$.

Projected Average Monthly Residential Cost of Service: \$29.46

Effective February 1, 2020 the sewer rates will increase by \$0.27. Beginning February 1, 2020, each user will be charged a sewer rate of \$3.81 per 100 cf, with a minimum sewer bill of 300 cf. With an average residential usage of 722 cf per user per month; this calculates to a monthly sewer charge of \$27.51, $(\$3.81 \times 7.22)$.

Beginning February 1, 2021, each user will be charged a sewer rate of \$4.08 per 100 cf, with a minimum sewer bill of 300 cf. With an average residential usage of 722 cf per user per month; this calculates to a monthly sewer charge of \$29.46, $(\$4.08 \times 7.22)$.

Number of Service Connections: 13,679

Median Household Income (MHI): \$121,746

Financial Impact of the proposed project: To evaluate the costs of the proposed project for the community, a percentage comparison of the MHI to the average, annual cost for water service is utilized. The MHI listed above is from the current fiscal year's census information. The projected average annual residential cost of services is \$353.52, which is 0.29% of the MHI for the area. The percentage is for comparison only and has no impact on whether a project qualifies for funding from the IEPA. The percentage comparison and MHI are two of several criteria used to determine whether a loan project qualifies for interest rate reductions or principal forgiveness.

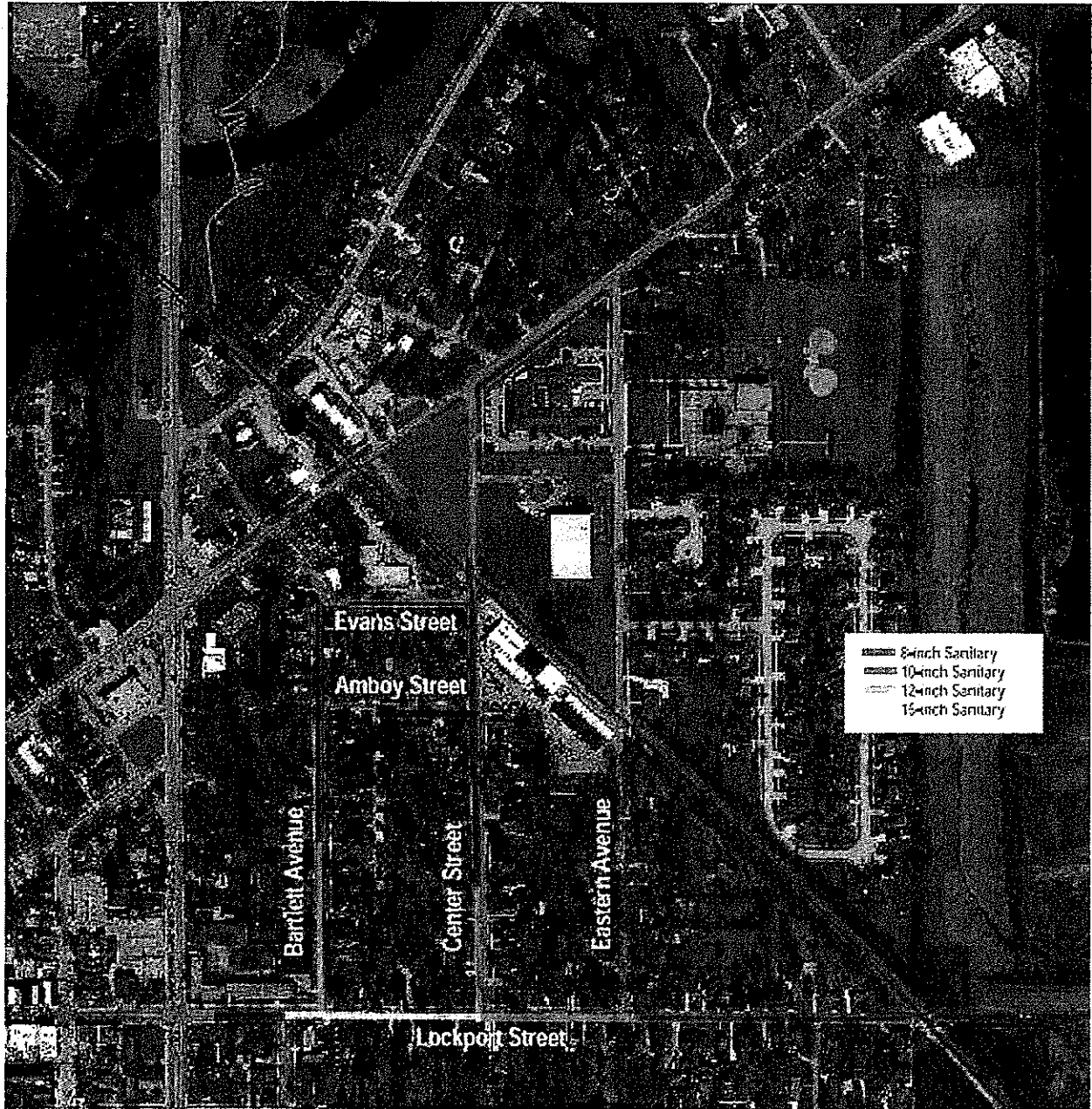
Public comments are invited on the proposed project. For further information contact:

Jasmine Mallory, Project Manager
Infrastructure Financial Assistance Section
Illinois Environmental Protection Agency
Bureau of Water

1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276
(217)782-2027

VILLAGE OF PLAINFIELD WASTEWATER FACILITY PLAN

SITE MAP



SANITARY LINING SITE MAP



Mailing List – Environmental Review

Project: Village of Plainfield

L17: 4666 (ww)

Check entities to receive Preliminary Environmental Impacts Determination/Notice of Categorical Exclusion. Agencies may be omitted if they have already provided an unconditional written sign-off on the planning.

_____ Illinois Historic Preservation Agency (SHPO)

_____ Illinois Department of Natural Resources
Office of Realty & Environmental Planning (for rare/endangered species, natural areas, and Interagency Wetlands Policy Act)

_____ Illinois Department of Natural Resources
Office of Water Resources (for lakes, rivers and stream crossings, floodway/floodplain construction)

_____ Illinois Department of Agriculture

U.S. Army Corps of Engineers – Check Appropriate Regional Office

_____ Rock Island District

_____ St. Louis District

_____ Chicago District

Designated 208 Areawide Planning Agency – Check Appropriate Agency

CMAP

_____ GERPDC

_____ SWIPC

Green Infrastructure Coordinator: _____ Chris Covert

IEPA Field Office (_____)

Loan Applicant

Allen Persons, Public works Director

Village of Plainfield

22401 west Lockport St.

Plainfield, Il. 60544

(Continued on Back)

Local Newspaper of Record

The Plainfield Enterprise

23856 Andrew Rd.

Plainfield, Fl. 60585

Consulting Engineer

Baxter & Woodman, Inc.

8678 Ridgely Rd.

Crystal Lake, Fl. 60012

Other Interested Parties

Planning file

Chron file

Project Manager: Jasmine Mallory

Date: 12/10/2019

Copies of the Preliminary Environmental Impacts Determination/Notice of Categorical Exclusion have been mailed to the above entities.

Signed: Shuly Orr

Date: 12/16/19