

Report to Congress for Future Water Resources Development (WRRDA 7001) Submission Package

Proposal Name: Madison & St. Clair Counties, Illinois Water and Wastewater Assistance Project Authorization Increase

Submission Date: 08/23/2019

Proposal ID Number: a6037cde-c3dd-4bf3-8fb7-8df4338cb016

Purpose of Proposal: This request is to modify the existing Section 219 authority for Madison and St. Clair Counties, Illinois to raise the Federal authorization amount from \$10 million to \$45 million. This would allow for construction of additional water and wastewater infrastructure projects. An increase in Federal funding limit with local sponsor matching cost share could lead to an estimated six miles of sewer separation projects that would effectively reduce the need for wastewater treatment of combined sewer overflows and extend the operable life of the receiving wastewater treatment facilities. This would enable the initiation and completion of construction for the East Creek Sewer Separation project in Belleville, St. Clair County, Illinois, and State Street Area Sewer Separation project in Wood River, Madison County, Illinois. The Water Resources Development Act of 2018, signed into law on October 23, 2018, contains Section 1332 entitled Report on Future Water Resources Development, and provides for a Programmatic Modification of Section 7001 of the Water Resources Reform and Development Act of 2014 (33 U.S.C. 2282d(a)), as amended, allowing for modification to an environmental infrastructure program authority. The Environmental Infrastructure Program, also known as Section 219 (of WRDA 1992, as amended), authorizes the Corps to assist non-Federal interests in carrying out water-related environmental infrastructure and resource protection and development projects. Such assistance may be in the form of technical, planning, and/or design, construction assistance for water supply and storage; treatment and distribution systems; and wastewater treatment systems, including treatment plants.

1. Administrative Details

Proposal Name: Madison & St. Clair Counties, Illinois Water and Wastewater Assistance Project Authorization Increase

by Agency: Madison County Planning and Development Department

Locations: IL

POC Name: Steve Brendel, I.E., CESSWI, CFM

POC Phone: (618) 296-4665

POC Email: sdbrendel@co.madison.il.us

Date Submitted: 08/23/2019

Confirmation Number: a6037cde-c3dd-4bf3-8fb7-8df4338cb016

Supporting Documents

File Name	Date Uploaded
Wood River Letter of Support.pdf	08/23/2019
Madco Letter of Support 7-29-19.pdf	08/23/2019
City of Belleville Letter.pdf	08/23/2019
Madison and St. Clair Counties, Illinois.jpg	08/23/2019
St. Clair County Letter.pdf	08/23/2019

2. Provide the name of the primary sponsor and all non-Federal interests that have contributed or are expected to contribute toward the non-Federal share of the proposed feasibility study or modification.

Sponsor	Letter of Support
Madison County, IL (Primary)	Madison and St. Clair Counties, Illinois, and municipal jurisdictions within the counties fully support this authority and request for increasing the Federal funding limit. The jurisdictions will continue to serve as Local Sponsors, providing all required local match and technical and logistic support to the Corps of Engineers needed to implement projects. The U.S. Army Corps of Engineers St. Louis District has been successfully implementing projects under the Madison & St. Clair Counties, Illinois authority over a 12-year period. This work has reduced and controlled combined sewer overflows in the region, protecting the health and safety of the public, protecting water resources, and promoting economic growth and development. This project has been very successful to date but much work remains to be done. At present, two communities in Madison and St. Clair County, Illinois have over six miles of sewer separation projects that would effectively reduce the need for wastewater treatment of combined sewer overflows and extend the operable life of the receiving wastewater treatment facilities.
City of Wood River, IL	See Above
City of Belleville, IL	See Above
St. Clair County, IL	See Above

3. State if this proposal is for new feasibility study authority, a modification to an existing feasibility study authority, a modification to an existing USACE project authority, or a modification to an existing USACE Environmental Infrastructure Program authority. If it is a proposal for a modification to an existing study, project or program authority, provide the authorized water resources development feasibility study or project name.

[x] Modification to a USACE Environmental Infrastructure Program Authority

Environmental Infrastructure Program Authority Name:

Madison & St. Clair Counties, Illinois Section 219 (f) (55) of the Water Resource Development Act (WRDA) of 1992 (Public Law 102-580), as amended by Section 108 (d) (55) of the Consolidated Appropriations Act of 2001.

Description of assistance provided to date:

To date, \$9.5M in Federal funding assistance has been provided. This assistance has enabled completion of three major construction packages. Completed packages occurred in the cities of East St. Louis and Belleville as sewer separation projects, and installation of gravity sewers and forces mains in the Madison County townships of Venice and Nameoki.

Total Federal cost of assistance provided to date:

\$9,713,812

4. Clearly articulate the specific project purpose(s) of the proposed study or modification. Demonstrate that the proposal is related to USACE mission and authorities and specifically address why additional or new authorization is needed.

This request is to modify the existing Section 219 authority for Madison and St. Clair Counties, Illinois to raise the Federal authorization amount from \$10 million to \$45 million. This would allow for construction of additional water and wastewater infrastructure projects. An increase in Federal funding limit with local sponsor matching cost share could lead to an estimated six miles of sewer separation projects that would effectively reduce the need for wastewater treatment of combined sewer overflows and extend the operable life of the receiving wastewater treatment facilities. This would enable the initiation and completion of construction for the East Creek Sewer Separation project in Belleville, St. Clair County, Illinois, and State Street Area Sewer Separation project in Wood River, Madison County, Illinois. The Water Resources Development Act of 2018, signed into law on October 23, 2018, contains Section 1332 entitled Report on Future Water Resources Development, and provides for a Programmatic Modification of Section 7001 of the Water Resources Reform and Development Act of 2014 (33 U.S.C. 2282d(a)), as amended, allowing for modification to an environmental infrastructure program authority. The Environmental Infrastructure Program, also known as Section 219 (of WRDA 1992, as amended), authorizes the Corps to assist non-Federal interests in carrying out water-related environmental infrastructure and resource protection and development projects. Such assistance may be in the form of technical, planning, and/or design, construction assistance for water supply and storage; treatment and distribution systems; and wastewater treatment systems, including treatment plants.

5. To the extent practicable, provide an estimate of the total cost, and the Federal and non-Federal share of those costs, of the proposed study and, separately, an estimate of the cost of construction or modification.

	Federal	Non-Federal	Total
Study	\$0	\$0	\$0
Construction	\$35,000,000	\$11,667,000	\$46,667,000

Explanation (if necessary)

Studies are not anticipated as part of this project. The focus of the project is delivery of construction packages providing environmental benefits.

6. To the extent practicable, describe the anticipated monetary and nonmonetary benefits of the proposal including benefits to the protection of human life and property; improvement to transportation; the national economy; the environment; or the national security interests of the United States.

Municipal jurisdictions within Madison and St. Clair Counties, Illinois, continue to update their wastewater treatment systems so that the most up to date improvements are in place and consistent with the goals of the Federal Clean Water Act of 1972. A significant focus of the county and municipal jurisdictions is the 100 plus years old combined sewer system. A combined wastewater collection system conveys storm and sanitary wastewater (domestic, commercial and industrial) through a single-pipe system to a wastewater treatment facility. These systems are not designed to current standards, and are not able to handle flows during significant rain events. Consequences include: sewage backups into buildings such as homes, schools, and businesses; street and overland flooding; and, discharges of untreated sewage (overflows) into the Mississippi River which impact the environment. The purpose of this project is to reduce and/or control combined sewer overflows. Benefits include: reduced residential and commercial property owner and insurance losses related to sewage backup damage to buildings and property; reduced disruption in traffic transportation movements and economic losses due to flooding; reduced incidence of public sickness and disease due to reduction in untreated sewage releases to the environment; and improvement in environmental conditions in the Mississippi River due to reduced releases of untreated sewage. To date, the amount of sewer separation projects exceed the current authorization limit.

7. Does local support exist? If 'Yes', describe the local support for the proposal.

Yes

Local Support Description

There is very strong local support as the public receives direct benefit from the projects sponsored by the jurisdictions in the geographic area of the authority. These benefits include: reduced sewage backups into residential and commercial structures, insurance losses related to sewage backup damage, reduced disruption in traffic/transportation movements and reduced incidence of public sickness and disease. County Comprehensive Plans and Municipal Long-Term Control Plans demonstrate continued progress toward achieving targets coupled with continued local investment supported by the public to make needed improvements to address capacity demands on wastewater treatment facilities and associated infrastructure.

8. Does the primary sponsor named in (2.) above have the financial ability to provide for the required cost share?

Yes

Other Non-Federal Sponsors Letter(s) of Support

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Wood River Letter of Support.pdf



111 Wood River Avenue
Wood River, IL 62095-1938

Telephone 618-251-3100
Fax 618-251-3102

August 20, 2019

COL Bryan K. Sizemore
Commander, St. Louis District
U.S. Army Corps of Engineers
1222 Spruce Street
St. Louis, MO 63103-2833

RE: Request for Modification to a USACE Environmental Infrastructure Program Authority

Dear COL Sizemore:

In response to the U.S. Army Corps of Engineers (Corps) 2019 Request for Proposals under Section 7001 of the Water Resources Reform and Development Act of 2014, as amended, the City of Wood River, Madison County, Illinois, supports modification to an existing environmental infrastructure program authority.

An increase to the Federal funding limit for the Madison & St. Clair Counties, Illinois, authority from \$10 million to \$45 million, will enable water-related infrastructure projects. Specifically, this increase will allow for continued construction assistance of sewer separation projects, assisting the city with meeting local water resources infrastructure needs as well as resource protection of receiving waters. Construction assistance or implementation of water and wastewater projects for the Madison & St. Clair Counties, Illinois, is authorized by Section 219 (f) (55) of the Water Resource Development Act (WRDA) of 1992 (Public Law 102-580), as amended by Section 108 (d) (55) of the Consolidated Appropriations Act of 2001.

The City of Wood River has the financial capability to serve as the Non-Federal Sponsor and we understand our role as the Sponsor will be to provide 25 percent cost share for construction projects that occur within the City limits and may result from the modified authority.

Increasing the authorized federal funding limit would allow the Corps and City of Wood River (as the cost-share sponsor) to construct sewer separation projects that keep waste water facilities functional, foster economic growth and development, and are a requirement to protect the health and safety of the public. Thank you for your consideration of this proposal.

Sincerely,


Cheryl Maguire
Mayor, City of Wood River



Primary Sponsor Letter of Support

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Madco Letter of Support 7-29-19.pdf



Madison County Government
Planning and Development Department

Matt Brandmeyer, AICP • Administrator
Madison County Administration Building
157 N. Main Street, Suite 254 • Edwardsville, IL 62025-1964
Phone (618) 692-7040 ext. 4468 • Fax (618) 692-8982
E-Mail zoning@co.madison.il.us
<http://www.co.madison.il.us/Planning>

Kurt Prenzler, CPA
County Board Chairman

July 29, 2019

COL Bryan K. Sizemore
Commander, St. Louis District
U.S. Army Corps of Engineers
1222 Spruce Street
St. Louis, MO 63103-2833

RE: Request for Modification to a USACE Environmental Infrastructure Program Authority

Dear COL Sizemore:

In response to the U.S. Army Corps of Engineers (Corps) 2019 Request for Proposals under Section 7001 of the Water Resources Reform and Development Act of 2014, as amended, Madison County, Illinois, requests modification to an existing environmental infrastructure program authority.

Our request to modify an existing environmental infrastructure program authority is seeking to increase the Federal authorization amount for the Madison & St. Clair Counties, Illinois, for water and wastewater assistance from \$10 million to \$45 million. This increase will continue Federal assistance between the Corps and communities within Madison County and enable water-related infrastructure projects. Specifically, this increase will allow for continued construction assistance of sewer separation projects, assisting communities in Madison County with meeting local water resources infrastructure needs as well as resource protection of receiving waters. Construction assistance or implementation of water and wastewater projects for the Madison & St. Clair Counties, Illinois, is authorized by Section 219 (f) (55) of the Water Resource Development Act (WRDA) of 1992 (Public Law 102-580), as amended by Section 108 (d) (55) of the Consolidated Appropriations Act of 2001.

Increasing the authorized federal funding limit would allow the Corps, county and/or municipal governments in the county to construct sewer separation projects that keep waste water facilities functional, foster economic growth and development, and are a requirement to protect the health and safety of the public. Thank you for your consideration of this proposal.

Sincerely,

A handwritten signature in black ink, appearing to read "M. Brandmeyer".

Matt Brandmeyer, AICP
Planning & Development Administrator

Other Non-Federal Sponsors Letter(s) of Support

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City of Belleville Letter.pdf

CITY OF BELLEVILLE, ILLINOIS



MARK W. ECKERT, MAYOR
101 SOUTH ILLINOIS STREET
BELLEVILLE, ILLINOIS 62220-2105
(618) 233-6810

August 15, 2019

COL Bryan K. Sizemore
Commander, St. Louis District
U.S. Army Corps of Engineers
1222 Spruce Street
St. Louis, MO 63103-2833

RE: Request for Modification to a USACE Environmental Infrastructure Program Authority

Dear COL Sizemore:

In response to the U.S. Army Corps of Engineers (Corps) 2019 Request for Proposals under Section 7001 of the Water Resources Reform and Development Act of 2014, as amended, the City of Belleville, St. Clair County, Illinois, supports modification to an existing environmental infrastructure program authority.

An increase to the Federal funding limit for the Madison & St. Clair Counties, Illinois, authority from \$10 million to \$45 million, will enable water-related infrastructure projects. Specifically, this increase will allow for continued construction assistance of sewer separation projects, assisting the city with meeting local water resources infrastructure needs as well as resource protection of receiving waters. Construction assistance or implementation of water and wastewater projects for the Madison & St. Clair Counties, Illinois, is authorized by Section 219 (f) (55) of the Water Resource Development Act (WRDA) of 1992 (Public Law 102-580), as amended by Section 108 (d) (55) of the Consolidated Appropriations Act of 2001.

The City of Belleville has the financial capability to serve as the Non-Federal Sponsor and we understand our role as the Sponsor will be to provide 25 percent cost share for construction projects that occur within the city limits and may result from the modified authority.

Increasing the authorized federal funding limit would allow the Corps and City of Belleville (as the cost-share sponsor) to construct sewer separation projects that keep waste water facilities functional, foster economic growth and development, and are a requirement to protect the health and safety of the public. Thank you for your consideration of this proposal.

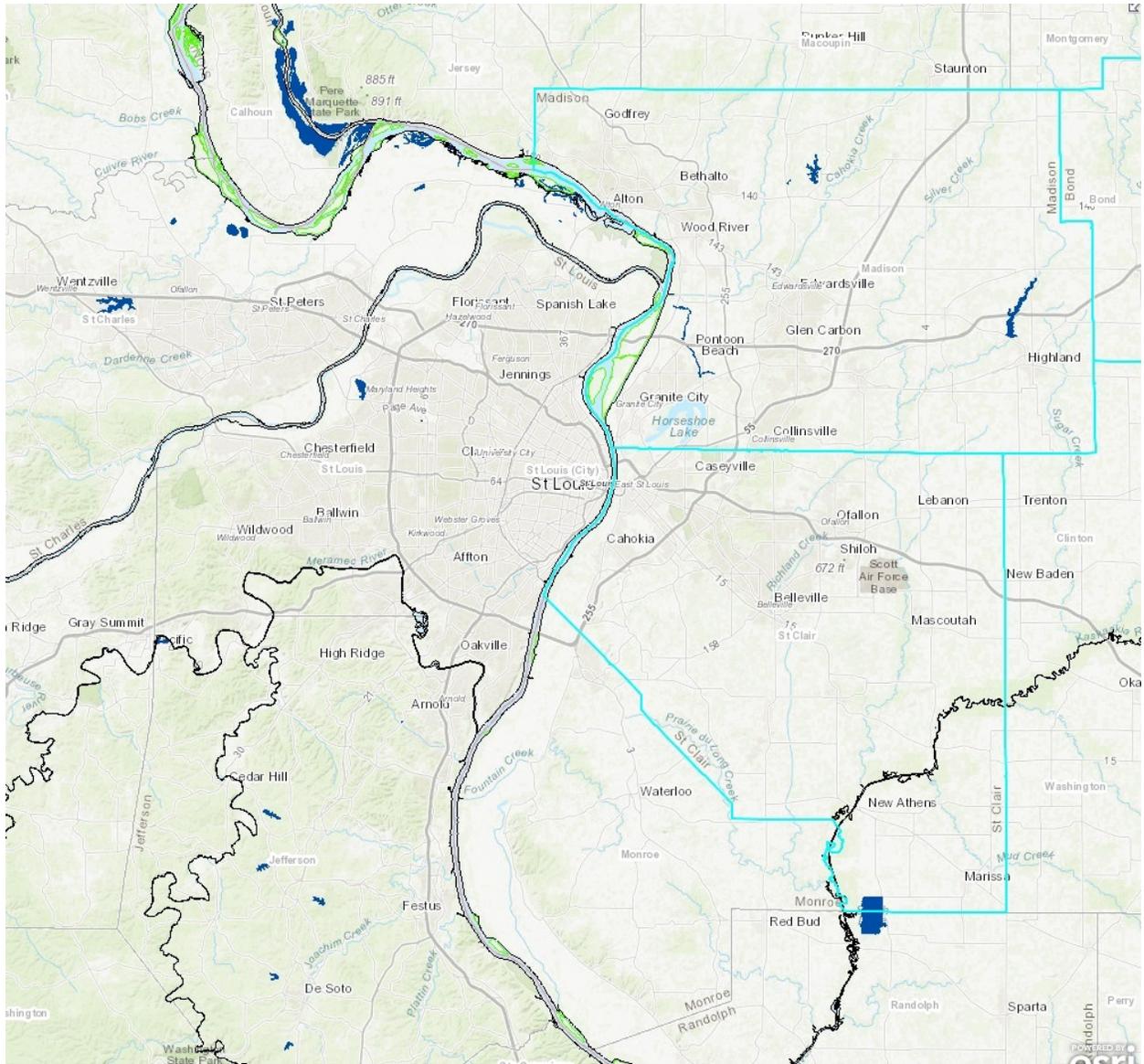
Sincerely,

Mark Eckert, Mayor
City of Belleville

Map Document

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Madison and St. Clair Counties, Illinois.jpg



Other Non-Federal Sponsors Letter(s) of Support

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St. Clair County Letter.pdf



ST. CLAIR COUNTY BOARD

10 Public Square • Room B561 • Belleville, Illinois 62220-1623

MARK A. KERN
CHAIRMAN



(618) 277-6600
Fax (618) 825-2740

August 22, 2019

COL Bryan K. Sizemore
Commander, St. Louis District
U.S. Army Corps of Engineers
1222 Spruce Street
St. Louis, MO 63103-2833

RE: Request for Modification to a USACE Environmental Infrastructure Program Authority

Dear COL Sizemore:

In response to the U.S. Army Corps of Engineers (Corps) 2019 Request for Proposals under Section 7001 of the Water Resources Reform and Development Act of 2014, as amended, St. Clair County, Illinois, requests modification to an existing environmental infrastructure program authority.

Our request to modify an existing environmental infrastructure program authority is seeking to increase the Federal authorization amount for the Madison & St. Clair Counties, Illinois, for water and wastewater assistance from \$10 million to \$45 million. This increase will continue Federal assistance between the Corps and communities within St. Clair County and enable water-related infrastructure projects. Specifically, this increase will allow for continued construction assistance of sewer separation projects, assisting communities in St. Clair County with meeting local water resources infrastructure needs as well as resource protection of receiving waters. Construction assistance or implementation of water and wastewater projects for the Madison & St. Clair Counties, Illinois, is authorized by Section 219 (f) (55) of the Water Resource Development Act (WRDA) of 1992 (Public Law 102-580), as amended by Section 108 (d) (55) of the Consolidated Appropriations Act of 2001.

Increasing the authorized federal funding limit would allow the Corps, county and/or municipal governments in the county to construct sewer separation projects that keep waste water facilities functional, foster economic growth and development, and are a requirement to protect the health and safety of the public. Thank you for your consideration of this proposal.

Sincerely,

Mark A. Kern, Chairman
St. Clair County Board