

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

Proposal Name: Bangert Island Ecosystem Restoration Feasibility Study

Submission Date: 08/23/2019

Proposal ID Number: 473ca37d-c553-4250-b5b4-179cb1df6854

Purpose of Proposal: The City of Saint Charles, Missouri is proposing to prepare a new feasibility study to investigate the potential for an Ecosystem Restoration Project on Bangert Island. Bangert Island was once an island separated from the bluff of Saint Charles by a side channel. As a result of construction of river channel structures over time the channel separating Bangert Island from the shoreline gradually silted in. The deposition choked the original side channel entrance at the Missouri River to the point of closure by 1980 and effectively reattached Bangert Island to the bluff. The side channel previously provided a connection to the Missouri River and flow diversity not available in the main river channel. This flow diversity and shallow water aquatic habitat allowed for off river habitat for various aquatic species that thrive in complex natural ecosystems. An opportunity exists to restore a connection to the Missouri River and flow diversity and shallow water aquatic habitat on Bangert Island by transforming the old side channel to an area with a diversity of habitats that once existed including wetlands, riparian habitat, deep water habitat, and side channels. Bangert Island which is currently operated as a county park has a network of natural trails. Ecosystem restoration on Bangert Island will provide benefits, improving the quality of recreational opportunities and serving as a regional attraction. Ecosystem restoration on Bangert Island would also advance the opportunity for investment and development of the City of Saint Charles riverfront while restoring the aquatic ecosystem, while providing public recreation activities. In summary, the City of Saint Charles believes that implementation of a water resource project on Bangert Island will (1) result in restoration of valuable aquatic habitat, (2) provide public recreational activities, and (3) advance the opportunity for investment and development.

1. Administrative Details

Proposal Name: Bangert Island Ecosystem Restoration Feasibility Study

by Agency: City of St. Charles, Missouri

Locations: MO

POC Name:

POC Phone:

POC Email:

Date Submitted: 08/23/2019

Confirmation Number: 473ca37d-c553-4250-b5b4-179cb1df6854

Supporting Documents

File Name	Date Uploaded
Location Map.pdf	08/22/2019
US Army Corps of Engineers - WR-RDA7001 Proposal.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
City of St. Charles, Missouri(Primary)	St. Charles has supported and invested the restoration of Bangert Island since 2008 and has expended funds for the design and acquisition of property for the past Corps managed projects in the Missouri River Recovery program and for the current Planning Assistance to States Program. The City supports the completion of this project and has been a partner on the project for over a decade. This project is vital to the future of a quarter of the City's riverfront.

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.

New Feasibility Study Authority

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.

The City of Saint Charles, Missouri is proposing to prepare a new feasibility study to investigate the potential for an Ecosystem Restoration Project on Bangert Island. Bangert Island was once an island separated from the bluff of Saint Charles by a side channel. As a result of construction of river channel structures over time the channel separating Bangert Island from the shoreline gradually silted in. The deposition choked the original side channel entrance at the Missouri River to the point of closure by 1980 and effectively reattached Bangert Island to the bluff. The side channel previously provided a connection to the Missouri River and flow diversity not available in the main river channel. This flow diversity and shallow water aquatic habitat allowed for off river habitat for various aquatic species that thrive in complex natural ecosystems. An opportunity exists to restore a connection to the Missouri River and flow diversity and shallow water aquatic habitat on Bangert Island by transforming the old side channel to an area with a diversity of habitats that once existed including wetlands, riparian habitat, deep water habitat, and side channels. Bangert Island which is currently operated as a county park has a network of natural trails. Ecosystem restoration on Bangert Island will provide benefits, improving the quality of recreational opportunities and serving as a regional attraction. Ecosystem restoration on Bangert Island would also advance the opportunity for investment and development of the City of Saint Charles riverfront while restoring the aquatic ecosystem, while providing public recreation activities. In summary, the City of Saint Charles believes that implementation of a water resource project on Bangert Island will (1) result in restoration of valuable aquatic habitat, (2) provide public recreational activities, and (3) advance the opportunity for investment and development.

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	\$1,500,000	\$1,500,000	\$3,000,000
Construction	\$0	\$0	\$0

Explanation (if necessary)

Total cost \$3,000,000; Proposed Study: \$1,500,000 Federal (50%), \$1,500,000 Non-Federal (50%)

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.

The City of Saint Charles is the ninth largest city in Missouri with a population of 62,293. The transformation of the Bangert Island riverfront in Saint Charles, including ecosystem restoration, water quality benefits, and improved recreational opportunities, will help improve the quality of life for the citizens of the City of Saint Charles and the region. Natural areas and recreation opportunities encourage places for families to visit. There are plans for residential and commercial development that would invigorate the surrounding area transforming it into a thriving center of activity. Investment in infrastructure will create opportunities for complimentary uses such as entertainment, dining, and recreation. These will help bring in more revenue for the City which can be returned to the citizens through better public services. The Bangert Island riverfront transformation project has formed partnerships across the City and the State. Partnerships on the project include public government entities, private developers, federal agencies, community groups, the regional planning agency, business groups, and a vast amount of political support from elected officials. The project is expected to create 4,000 new jobs for the region and have a \$1.5 billion economic impact. The impact of the Bangert Island riverfront transformation will create an opportunity for economic growth that is unparalleled in the region or the state.

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

Yes

Local Support Description

The project has received unequivocal support from community leaders including Governor Mike Parson, U S Senator Roy Blunt, US Senator Josh Hawley, US Congressman Blain Luetkemeyer, US Congresswoman Ann Wagner, County Executive Steve Ehlmann, State Senator Bill Eigel, State Senator Bob Onder, and many other business and community leaders. For a complete listing please visit <https://www.riverpointe-stc.com/project-support>.

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

Yes

Map Document

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Location Map.pdf



**BANGERT ISLAND
 RIVERFRONT TRANSFORMATION PROJECT**



Checked by: _____ Drawn by: _____ Project No.: _____ Date: _____	GENERAL LAYOUT	REV. NO. DATE REVISIONS DESCRIPTION BY	CITY OF SAINT CHARLES DEPARTMENT OF ENGINEERING 200 NORTH SECOND STREET SAINT CHARLES, MO 63301 TEL: 636.949.3237 FAX: 636.940.4601 www.scharlescitymo.gov/202/engineering	
	BANGERT ISLAND DEVELOPMENT PUBLIC INFRASTRUCTURE IMPROVEMENTS			
	SAINT CHARLES, MISSOURI			
2017	REVISIONS			

Primary Sponsor Letter of Support

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US Army Corps of Engineers - WRRDA7001 Proposal.pdf



August 22, 2019

U.S. Army Corps of Engineers
WRRDA7001 Proposal

To Whom It May Concern:

I am writing you to express my support for the Bangert Island Ecosystem Restoration Feasibility Study and its inclusion as a funded project in the Report to Congress on Future Water Resources Development.

The City has been working with the Corps and numerous stakeholders for over a decade to restore the shallow water riverine and freshwater emergent wetlands area that existed in this location prior to the construction of river training structures in the 1930s and 1940s that led to deposition in this area which erased this valuable habitat by the 1980s. This area represents approximately a quarter of our City's riverfront, and is adjacent to Interstate 70 which carries over 1 million vehicles a week. The construction of this project will not only enhance the environmental conditions but also spur economic development and growth in my City.

The City has been a faithful partner to the U.S. Army Corps of Engineers on this project by first cost sharing on the hydraulic and sediment response study completed by the Corps for this site in 2011, and then acquiring the property during a previous Missouri River Recovery Program Project, and then transitioning to be a cost sharing agency in the Planning Assistance to States Program. We seek to further these prior investments and bring this project one step closer to construction under this program. The City is willing to commit to match funding with this program to complete the work.

Our vision for the riverfront in St. Charles depends on the success of this project. The City has prepared a comprehensive website on this project where we have received over 7,000 views, <https://www.riverpointe-stc.com/>. This unique project is multifaceted and will have extraordinary benefits for the environment and economic growth. Please consider our proposal, and I look forward to completing this landmark project with the U.S. Army Corps of Engineers.

Sincerely,



Daniel J. Borgmeyer, Mayor
City of St. Charles, Missouri



Dan Borgmeyer
Office of the Mayor

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