

**Environment and Natural Resources Trust Fund
2016 Request for Proposals (RFP)**

Project Title:

ENRTF ID: 173-F

Restoring the City of Champlins Northern Gateway

Category: F. Methods to Protect, Restore, and Enhance Land, Water, and Habitat

Total Project Budget: \$ 2,000,000

Proposed Project Time Period for the Funding Requested: 2.5 years, July 2016 to December 2018

Summary:

Restoring Champlins Northern Gateway: A three phase project to improve habitat and water quality through Conservation, Protection and Restoration. Phase II to Restore Deep Water Habitat in the Mill Pond.

Name: Todd Tuominen

Sponsoring Organization: City of Champlin

Address: 11955 Champlin Drive
Champlin MN 55316

Telephone Number: (763) 923-7120

Email ttuominen@cdi.champlin.mn.us

Web Address www.ci.champlin.mn.us

Location

Region: Metro

County Name: Hennepin

City / Township: Champlin

Alternate Text for Visual:

Champlins Northern Gateway identifies the 3 Phases; Elm Creek Dam, Mill Pond Deep Water Habitat, and Elm Creek Habitat Restoration Areas

_____ Funding Priorities	_____ Multiple Benefits	_____ Outcomes	_____ Knowledge Base
_____ Extent of Impact	_____ Innovation	_____ Scientific/Tech Basis	_____ Urgency
_____ Capacity Readiness	_____ Leverage	_____ TOTAL	_____ %



PROJECT TITLE:

I. PROJECT STATEMENT

The City of Champlin's Northern Gateway is the three phase high priority project that in cooperation with the Elm Creek Watershed Management Commission will restore water resources in the Northern Gateway to the City. The City of Champlin Surface Water Management Plan developed in 2008 has identified goals for accelerating programs and projects for improved habitat, water quality and flood control through a variety of conservation measures in areas surrounding Champlin Minnesota. Prioritization and implementation of appropriate protection, enhancement and restoration measures on area lands, streams, ditches, rivers, lakes and wetlands within the City of Champlin and Elm Creek Watershed have been accelerated through use of conservation decision making tools which aid in determining high priority projects that are beneficial to the City of Champlin, Elm Creek Watershed and the Upper Mississippi River Watershed.

The Northern Gateway Project is divided into three phases. Phase 1 includes replacement of the existing Mill Pond dam. Engineering plans are complete and environmental permits have been acquired for the dam replacement in addition to acquisition of funding sources for this phase of the overall project. Currently dam decommissioning and construction of the new dam has begun in May of 2015 and will be completed by May of 2016. Phase 2 project is the Mill Pond Deep Water Habitat Restoration through installation of habitat structures and restoration of deep water habitat refuge lake depths by removal of excess nutrient laden sediments in the three bays of the Mill Pond. Sediment investigations, hydrologic evaluations, habitat restoration concept plans and project estimates have been completed for this phase of the project. Phase 2 will begin once funding has been attained.

Phase 3 is a continuation of an existing 3,000 linear feet Elm Creek stream restoration project. This phase includes 2,000 linear feet of stream bank restoration of Elm Creek which flows through the Mill Creek ponds and ultimately into the Mississippi River. Conceptual plans have been completed in cooperation with the MNDNR, Elm Creek Management Commission and Hennepin County. Elm Creek is impaired water with low dissolved oxygen, restoring the stream banks and providing habitat structure will reduce downstream sedimentation and provide native habitat improvements including root wads, boulder vanes and rock riffles with varied substrate to enhance aquatic species habitat including sensitive species such as Blanding Turtle. The riparian areas of the creek will be restored with native planting buffer using both plugs and native seeding that will filter sediments and nutrients from direct runoff.

Our current water plan has specific goals for accelerating programs for improved habitat, water quality and flood control. Phase 2 of this project allows the City of Champlin to meet these goals and open opportunities for the public that includes recreation, fishing and educational experiences. The project is time sensitive, it is essential to secure funding in conjunction with construction of the new dam.

II. PROJECT ACTIVITIES AND OUTCOMES

Activity 1: Phase 1: Mill Pond Dam Decommission and Construction of New Dam

This phase required evaluation of the existing dam, engineering and construction plans that specified decommission of the existing dam and construction of the new dam, environmental and dam safety permits. Phase I of the Northern Gateway project has currently started in April of 2015.



Environment and Natural Resources Trust Fund (ENRTF)
2016 Main Proposal
Project Title: Restoring the City of Champlin's Northern Gateway

Budget: \$7,100,000

Phase One Outcomes – Funding Secured	Completion Date
<i>1. Engineering and Construction Plans, Permits requirements, Environmental Studies and funding acquisition.</i>	<i>Completed 2014</i>
<i>2. Decommissioning of existing dam.</i>	<i>Completed May 15, 2015</i>
<i>3. Construction of the New Dam</i>	<i>May 31, 2016</i>

Activity 2: Phase 2: Mill Pond Deep Water Habitat Restoration

In 2013-2014 the City of Champlin invested funding resources in this phase through completion of sediment studies, conceptual planning and engineering plans. Once funding for this phase is secured final construction plans can be completed and permits acquired from government agencies prior to the start of habitat restoration construction services.

Budget: \$2,000,000

Phase Two Outcomes – Funding Request	Completion Date
<i>1. Conceptual Habitat and Restoration plan</i>	<i>Completed 2014</i>
<i>2. Sediment Analysis Study of Mill Pond</i>	<i>Completed 2014</i>
<i>3. Bathymetric Survey</i>	<i>Completed 2014</i>
<i>4. Engineering/ Construction Plans and Bid Specifications</i>	<i>September 2016</i>
<i>5. Permit requirements: MPCA, MNDNR, USCOE</i>	<i>September 2016</i>
<i>6. Restoration and habitat structure construction services</i>	<i>December 2017</i>

Activity 3: Phase 3: Elm Creek Stream Restoration

The City of Champlin has vested time and resources to develop a 2,000 linear feet stream restoration plan for Elm Creek up gradient from the Mill Ponds. This plan was completed in cooperation with Elm Creek Watershed Commission, MNDNR and Hennepin County. This phase of the project will be included in future funding requests.

Budget: \$530,000

Phase Three Outcomes – Future Funding Request	Completion Date
<i>1. 2,000 Linear Feet Stream Restoration plan for Elm Creek.</i>	<i>Completed 2014</i>
<i>2. Permit Requirements: MNDNR Public Waters, US Army COE, MPCA, MNWCA</i>	<i>August 2018</i>
<i>3. Bid Specifications and Construction Services.</i>	<i>December 2018</i>

III. PROJECT STRATEGY

A. Project Team/Partners

The City of Champlin will be the fiscal agent receiving funds for the project. The following local agencies will assist by providing technical input: Hennepin County Environmental Services, Elm Creek Watershed Commission, SWCD, Minnesota Natural Resources Conservation Service and the US Army Corps of Engineers. Outside services required to complete the project include environmental, GIS, engineering and construction.

B. Long-Term Strategy and Future Funding Needs

Long term goals of the project are to restore aquatic habitat and reduce annual total phosphorus/ Suspended Solids load directed by Elm Creek through the Mill pond and discharged into Mississippi River. The project will require future funding requests for Phase three of this project. A long term monitoring/maintenance plan will be implemented to assure all constructed habitat restoration measures are adequately functioning as designed for the project.

C. Timeline Requirements

The goal for timeline requirements of overall project is approximately 3 years. Phase II which we are requesting funding timeline requirements is approximately 1.5 years.

2016 Detailed Project Budget

Project Title: Restoring the Northern Gateway

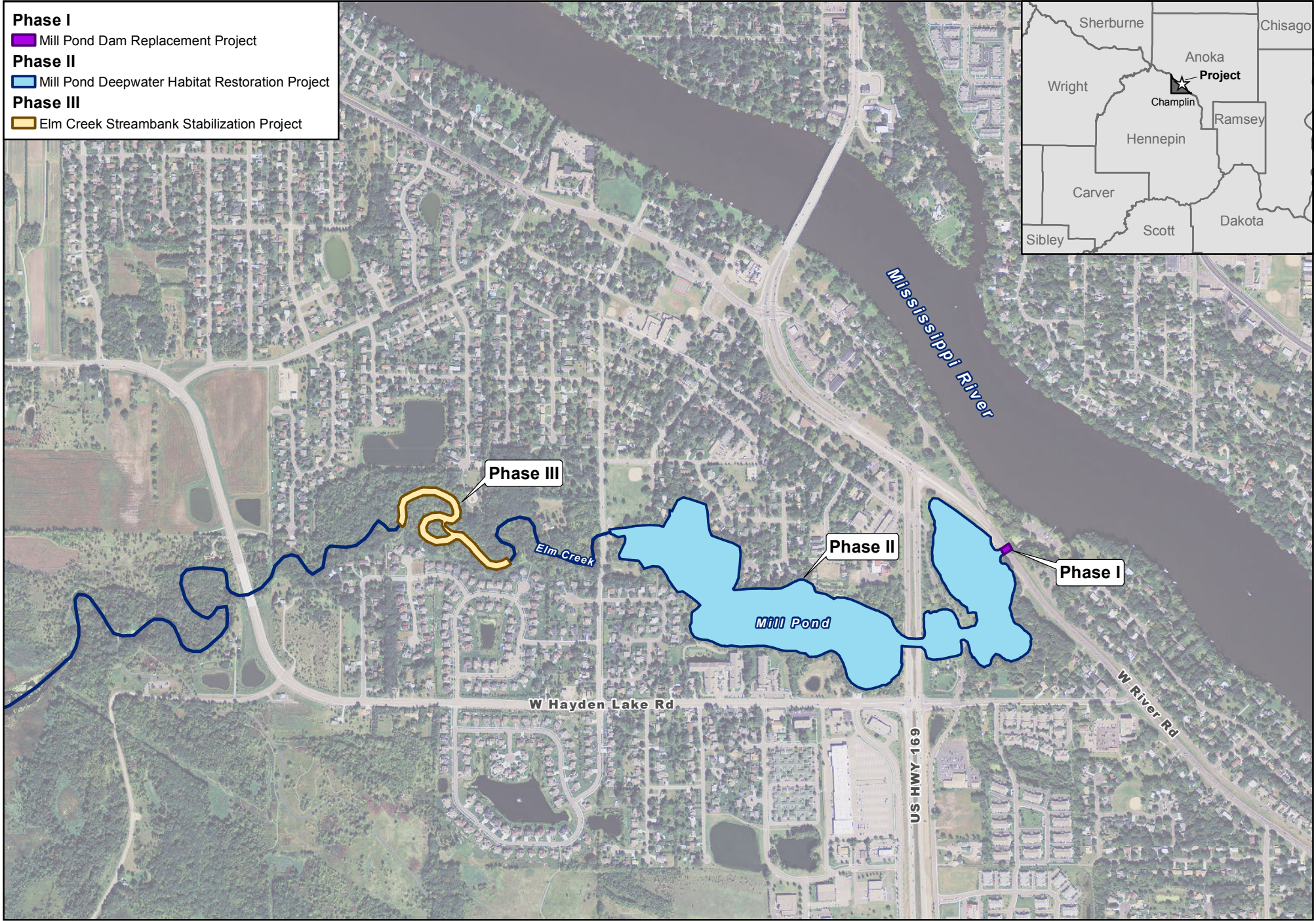
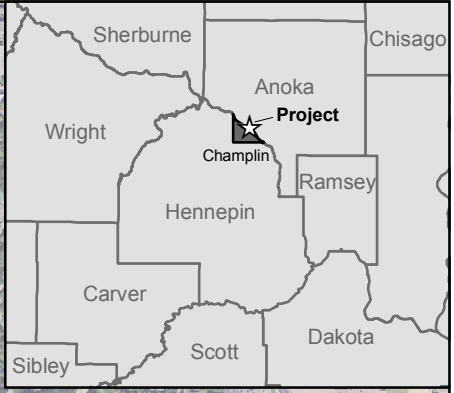
IV. TOTAL ENRTF REQUEST BUDGET 2 years

BUDGET ITEM (See "Guidance on Allowable Expenses", p. 13)	AMOUNT
Personnel: In this column, list who is getting paid to do what and what is the % of full-time employment for each position. List out by position or position type - one row per position/position type. For each, provide details in this column on the inputs: i.e., % dollars toward salary, % dollars toward benefits, time period for position/position type, and number of people in the position/position type.	\$0
Professional/Technical/Service Contracts: In this column, list out proposed contracts. Be clear about whom the contract is to be made with and what services will be provided. If a specific contractor is not yet determined, specify the type of contractor sought. List out by contract types/categories - one row per type/category. If an RFP will be issued, state that.	\$320,000
Equipment/Tools/Supplies: In this column, list out general descriptions of item(s) or item type(s) and their purpose - one row per item/item type.	N/A
Acquisition (Fee Title or Permanent Easements): In this column, indicate proposed number of acres and name of organization or entity who will hold title.	N/A
Travel: Be specific. Generally, only in-state travel essential to completing project activities can be included.	N/A
Additional Budget Items: In this column, list any additional budget items that do not fit above categories. List by item(s) or item type(s) and explain how number was determined One row per type/category.	N/A
TOTAL ENVIRONMENT AND NATURAL RESOURCES TRUST FUND \$ REQUEST =	\$ 320,000

V. OTHER FUNDS (This entire section must be filled out. Do not delete rows. Indicate "N/A" if row is not applicable.)

SOURCE OF FUNDS	AMOUNT	Status
Other Non-State \$ To Be Applied To Project During Project Period: Indicate any additional non-state cash dollars secured or applied for to be spent on the project during the funding period. For each individual sum, list out the source of the funds, the amount, and indicate whether the funds are secured or pending approval.	750,00/ 250,000	Secured/ Pending
Other State \$ To Be Applied To Project During Project Period: Indicate any additional state cash dollars (e.g., bonding, other grants) secured or applied for to be spent on the project during the funding period. For each individual sum, list out the source of the funds, the amount, and indicate whether the funds are secured or pending approval.	N/A	N/A
In-kind Services To Be Applied To Project During Project Period: Indicate any additional in-kind service(s) secured or applied for to be spent on the project during the funding period. For each type of service, list type of service(s), estimated value, and indicate whether it is secured or pending. In-kind services listed must be specific to the project.	\$60,000	Secured
Funding History: Indicate funding secured but to be expended prior to July 1, 2016, for activities directly relevant to this specific funding request, including past and current ENRTF funds. State specific source(s) of fund and dollar amount.	N/A	N/A
Remaining \$ From Current ENRTF Appropriation: Specify dollar amount and year of appropriation from any current ENRTF appropriation for any directly related project of the project manager or organization that remains unspent or not yet legally obligated at the time of proposal submission. Be as specific as possible. Indicate the status of the funds.	N/A	N/A

- Phase I**
-  Mill Pond Dam Replacement Project
- Phase II**
-  Mill Pond Deepwater Habitat Restoration Project
- Phase III**
-  Elm Creek Streambank Stabilization Project



CITY OF CHAMPLIN REFERENCES AND QUALIFICATIONS

Mr. Todd Tuominen, Assistant City Engineer for the City of Champlin, will be the Project Manager for the Mill Pond Deep Water Habitat Restoration Improvement Project. Mr. Tuominen has over 25 years of experience in project management and coordination with the City of Champlin. Mr. Tuominen has managed previous projects related to stream and habitat restoration including the recent Elm Creek stream restoration, upstream of the proposed improvement project. This project utilized partial funding via the Clean Water Legacy Funds, and was successfully completed as such the project met all grant obligations including reporting. Other experience includes the management of the Elm Creek Dam Project currently under construction which involved multiagency regulatory and state bond funding requirements. Related work in the project area includes management of pre-design tasks including Sediment Study of the Mill Pond and Vegetation Surveys related to DNR Permitting.

Mr. Tuominen has regulatory experience and currently manages the MPCA MS-4 Permit Program including the City's Storm Water Protection Plan Program (SWPPP). In addition, he serves as Stake Holder for the Elm Creek Watershed Management Commission and the West Mississippi Watershed Management Commission.

Management tasks for the Restoring the City of Champlin's Northern Gateway project will required project oversight of phase two of the project includes the Mill Pond Deep Water Habitat Restoration services. These project services include engineering, environmental, and construction inspection services. Mr. Tuominen will manage the overall project including: City and Watershed approval, design, permitting, construction, restoration, public relations and project financials. The project financials will include Capital Improvement planning, funding and managing expenditures for this natural resource improvement project.

The City of Champlin has experience as the lead agency in several cooperative improvements projects. It is intended that the City of Champlin will provide the leadership and good financial standing that is required for this project. The City has a AA+ Bond Rating and has numerous awards in Financial Planning. The City is currently the lead agency for the reconstruction of the Elm Creek Dam. This cooperative project partners with MN-DNR, State of MN-MMB, Hennepin County, West Mississippi Watershed District and the Elm Creek Watershed District.

The City of Champlin has developed a phased approach to addressing the construction and environmental needs for the Northern Gateway Phase I, Dam Replacement and Phase II, Mill Pond Restoration Projects. It is anticipated that the City will coordinate all aspects of the Mill Pond project including financial management, construction and maintenance to successfully complete all required tasks and regulatory requirements.