



Illinois DNR
Conservation 2000 - Ecosystems Program
Project Grant Application for FY 2007




Deadlines:
 online version: Wednesday, February 28, 2007
 paper version: Wednesday, January 31, 2007

Project Classification [leave blank]: **HBT PLG RSH O/E RE LA/E**

Ecosystem Partnership: Upper Rock River

DNR Project #
 # URR002-08

Applicant Information			
Applicant (Grantee if awarded)		Project Manager (Contact Person other than Applicant)	
Prefix	Mr.	Prefix	
First Name	Thomas	First Name	
Last Name	Hartley	Last Name	
Title	Dir. of Land & Develop.	Title	
Organization	Winnebago County Forest Preserve	Organization	
Address1	5500 Northrock Dr.	Address1	
Address2		Address2	
City	Rockford	City	
State	IL	State	
ZIP Code	61103	ZIP Code	
Telephone	815-877-6100	Telephone	
Fax	815-877-6124	Fax	
Email	thartley@wcfpd.org	Email	

Project Information				
Project Title:	Millrace Isle-Rock River Floodway Restoration			
Project Location(s)	County	Township	Range	Section(s)
Project Location 1	Winnebago			
Landowner(s)	Approval	Name	Type	Location #'s
Landowner 1		Winnebago County Forest Preserve	local government	T46N, R1E, Sec. 14

Project Abstract

This project is the partial restoration of floodway topography and improvement of Rock River hydrology by removal of an abandoned railroad embankment at Millrace Isle Forest Preserve.

Project Description

The proposed restoration project is located within Millrace Isle Forest Preserve. Millrace Isle is in Rockton, directly across from the Pecatonica-Rock River confluence. The preserve has both cultural and habitat significance. Its cultural significance spans the archaic, woodland, and historic periods. Habitat significance is that the site is located in the center of a growing natural area including the Natural Land Institute Nygren Wetlands (720 acres) and the J. Norman Jensen Forest Preserve (112 acres). The goal for the region is to increase natural area acreage to 1,100 acres. This proposed restoration is the removal of an abandoned railroad bed which bisects Millrace Isle Forest Preserve. The embankment is perpendicular to the Rock River water flow and is within the 100 year floodway. Removal of the embankment would allow a more complete, historically accurate site restoration and improve river hydrology. The project process would be simple. Necessary permits and archaeological site identification would be obtained prior to beginning work. Construction would involve invasive tree removal in the old railroad right-of-way and burning vegetation on site. The railroad embankment would be removed and the grade returned to its condition before the railroad. Unwanted fill would be trucked off site. Approximately 1/2 of the excavated material would be used to create a public access/trailhead for the preserve. The Forest Preserve District would pay for all work related to the public access and trailhead construction. The old railroad right-of-way would be seeded with a mesic prairie mix and planted with scattered indigineous flood plain trees. Millrace Isle Forest Preserve would be managed to evolve as a wet- mesic floodplain forest.

Start Date: 7/1/2008 End Date: 10/31/2008 Submit Date: 2/26/2007

Partnership Goals

Goal 1: Restore natural drainage pattern (consistant with partner goal to Winnebago County Surface Water Ordinance)

Program Guidance		
<input type="checkbox"/> High Quality Natural Resources	<input type="checkbox"/> Minimum functional Habitat Areas; Species, Guilds; Habitat Diversity	<input type="checkbox"/> Buffer to Protect Sensitive Habitats
<input type="checkbox"/> Connect Habitat Areas	<input type="checkbox"/> Ecosystem-Based Best Management Practices	<input checked="" type="checkbox"/> Restore and Naturalize Hydrologic Functions

Complementary Educational Strategies Research and Monitoring Integration Local, State and Federal Program Integration

Quarterly Tasks

Quarterly Reporting Period	Task Description for Quarter
*Jan 1 - Mar 31, 2008:	Submit for construction permits-- obtain project permits
*Apr 1 - Jun 30, 2008:	Bid project
*Jul 1 - Sep 30, 2008:	Begin construction, remove vegetation, embankment removal, public access development, finished grading and seeding
*Oct 1 - Dec 31, 2008:	Complete contract, project acceptance
*Jan 1 - Mar 31, 2009:	
*Apr 1 - Jun 30, 2009:	
*Jul 1 - Sep 30, 2009:	
*Oct 1 - Dec 31, 2009:	
*Jan 1 - Mar 31, 2010:	
Specify Period	

Anticipated Results

	Wetland (acres)	Prairie (acres)	Forest (acres)	Stream (feet)	Lakes (acres)	Riparian (acres)	Soil Saved (tons/acre/year)
Habitat Restoration		4					
Sites Monitored							

	Teachers Trained	Students Educated	Volunteers Enlisted	Citizens Contacted or Affected
People				

Land Acquisition

Will C2000 funds be used for acquisition of land? If "yes", specify type of Acquisition:
 No Yes Fee Simple Acquisition Permanent Easement 30 - Year Easement

Does there exist legal access for ingress/egress to the parcel to be acquired fee simple or to be encumbered by a conservation easement? If "no", please explain:
 No Yes

Are there any pre-existing real estate purchase agreements encumbering the property? If "yes", please explain:
 No Yes

Has the property been encumbered by a federal or state program? If "yes", please explain:
 No Yes

Is there drain tiling? If "Yes", will it be destroyed/removed?
 No Yes Yes No Don't know

Have landowners been contacted about this proposed project? If "no", please explain:
 No Yes

Land Disturbance

Will there be land disturbance? If "yes", show the access route on the site map and indicate if it is an existing route (choose one):
 No Yes dirt road gravel road paved road no existing route

Will the land disturbance involve heavy equipment? If "yes", list types of equipment:
 No Yes earth moving equipment and dump trucks

Will it involve tree removal? If "yes", describe the dominant tree cover, and number and average size (d.b.h) of trees being removed:
 No Yes boxelder 12"d.b.h.

Will there be in-stream construction? If "yes", estimate duration and season of channel disturbance:
 No Yes

Will there be designated borrow and deposition sites for soil? If "yes", describe locations:
 No Yes Fill site adjacent to Rockton Road labeled as public access site on plan attachment

Will wetland or water retention structures be constructed? If "yes", detail depth of excavation and estimated water depth [10 words = 50 characters] and show proposed structures clearly on map:
 No Yes

Budget Information

Personnel

Name or Position Title	Hourly Rate (\$)	Hours Worked	Total \$ Amount	
Total, Personnel:			\$0.00	
Equipment				
Description	Quantity	Price per item (\$)	Total \$ Amount	
Total, Equipment:			\$0.00	
Commodity				
Description	Quantity	Units	Price per item (\$)	Total \$ Amount
Prairie seed	10	pounds	\$480.00	\$4,800.00
container trees	25	items	\$10.00	\$250.00
Total, Commodities:			\$5,050.00	
Contractual				
Description	Category	Other	Total \$ Amount	
Archaeology	Other	survey & on-site assessment	\$5,000.00	
Grading, excavation, replacement	Heavy		\$139,000.00	
Total, Contractual Services:			\$144,000.00	
Land Acquisition				
Description	Total Acres	Cost Per Acre	Other Costs	Total \$ Amount
Total, Land Acquisition:			\$0.00	
Other				
Description			Total \$ Amount	
Total, Other:			\$0.00	
Total Budget:			\$149,050.00	

Budget Summary			
	Project Total	C2000 Funds Requested	Matching Funds
Personnel	\$0.00	\$0.00	\$0.00
Equipment	\$0.00	\$0.00	\$0.00
Commodities	\$5,050.00	\$0.00	\$5,050.00
Contractual Services	\$144,000.00	\$50,000.00	\$94,000.00
Acquisition/Easement	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$149,050.00	\$50,000.00	\$99,050.00

Source(s) of Matching Funds	
Source(s):	Amount:
Winnebago County Forest Preserve	\$99,050.00
Total Match:	\$99,050.00



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