



Environment and Natural Resources Trust Fund (ENRTF) M.L. 2014 Work Plan

Date of Report: February 3, 2014
Date of Next Status Update Report: February 1, 2015
Date of Work Plan Approval:
Project Completion Date: June 30, 2017
Does this submission include an amendment request? No

PROJECT TITLE: Prairie, Forest, and Savanna Restoration in the Greater Metropolitan Area

Project Manager: Tom Lewanski
Affiliation: Friends of the Mississippi River
Mailing Address: 360 North Robert Street, Suite 400
City/State/Zip Code: St. Paul, MN 55101
Telephone Number: (651) 222-2193
Email Address: tlewanski@fmr.org
Web Address: www.fmr.org

Location: Washington, Dakota, Ramsey, & Hennepin Counties

Total ENRTF Project Budget:	ENRTF Appropriation:	\$200,000
	Amount Spent:	\$0
	Balance:	\$200,000

Legal Citation: M.L. 2014, Chp. 226, Sec. 2, Subd. 06g

Appropriation Language:

\$200,000 the second year is from the trust fund to the commissioner of natural resources for an agreement with Friends of the Mississippi River to restore approximately 150 acres of prairie, forests, and oak savanna in the greater metropolitan area. A list of proposed restorations and enhancements must be provided as part of the required work plan. This appropriation is available until June 30, 2017, by which time the project must be completed and final products delivered.

I. PROJECT TITLE: Prairie, Forest, and Savanna Restoration in the Greater Metropolitan Area

II. PROJECT STATEMENT: The Twin Cities Metro Area contains numerous natural areas that provide important wildlife habitat and which serve as crucial components of a larger system of interconnected habitats across the landscape. Due to human influences, these areas have become degraded. Friends of the Mississippi River has been conducting restoration and land protection activities on some of the most important and highest quality habitat within the core metro and southeastern metro corridors for 13 years. The restoration activities presented in this proposal are designed to continue the work at these sites, ensuring that previous public investment in this habitat improvement is protected, and to expand on these successes by adding new projects sites within the designated corridors. With this funding we can continue the habitat restoration in a seamless fashion allowing us to benefit from a project structure and relationships that are already in place.

There are two overall goals for this project: increase the amount and connectivity of native habitat within specified focus areas of the Metro Conservation Corridors and restore the quality of existing habitat. These goals serve to increase the amount of various ecosystems, including those that are rare on the landscapes, such as prairie, and savanna. By removing and controlling exotic invasive plant species from existing prairie and woodland areas, conditions are improved for native plant species to successfully reproduce and thrive, which in-turn provide food, shelter and nesting sites for various wildlife, including species in greatest conservation need. Furthermore, by working to connect these distinct natural areas, we can provide opportunities for interaction between them, increasing the overall resiliency of the natural communities.

Restoration techniques and activities include prescribed burning, exotic invasive plant control, prairie installation (soil preparation, seeding, mowing, weed control, prescribed burning) & plant installation.

III. PROJECT STATUS UPDATES:

Project Status as of (February 1, 2015):

Project Status as of (August 1, 2015):

Project Status as of (February 1, 2016):

Project Status as of (August 1, 2016):

Project Status as of (February 1, 2017):

Overall Project Outcomes and Results:

IV. PROJECT ACTIVITIES AND OUTCOMES:

ACTIVITY 1:

Description: Prairie, Forest, and Savanna Restoration in the Greater Metropolitan Area. FMR will install 2 acres of prairie at the Old Mill Park site in Hastings and restore an additional 31 acres of prairie at several locations. In addition, FMR will restore 100 acres of existing forest and 14 acres of existing oak savanna. All of the project sites are within the designated Metro Conservation Corridors. All of the project sites will have a Natural Resource Management Plan in place and will be used as the guide for restoration activities. Restoration techniques and activities include prescribed burning, exotic invasive plant control, prairie installation (soil preparation, seeding, mowing, weed control, prescribed burning) and plant installation.

Summary Budget Information for Activity 1:

ENRTF Budget: \$ 200,000
Amount Spent: \$ 0
Balance: \$200,000

Activity Completion Date: June 30, 2017

Outcome	Completion Date	Budget-approximate
1. Install 2 acres of prairie	June 30, 2017	\$6,000
2. Restore 31 acres of existing prairie	June 30, 2017	\$28,000
3. Restore 100 acres of existing forest	June 30, 2017	\$138,000
4. Restore 14 acres of existing oak savanna	June 30, 2017	\$28,000

Activity Status as of (February 1, 2015):

Activity Status as of (August 1, 2015):

Activity Status as of (February 1, 2016):

Activity Status as of (August 1, 2016):

Activity Status as of (February 1, 2017):

Final Report Summary:

V. DISSEMINATION:

Description: When practical, FMR will reach out to media to write stories about these restoration projects. In addition, FMR will publish stories about these projects in its electronic newsletter, Mississippi Messages.

Status as of (February 1, 2015):

Status as of (August 1, 2015):

Status as of (February 1, 2016):

Status as of (August 1, 2016):

Status as of (February 1, 2017):

Final Report Summary:

VI. PROJECT BUDGET SUMMARY:

A. ENRTF Budget Overview:

Budget Category	\$ Amount	Explanation
Ecologist (2).	\$11,500	Restoration project planning, coordination & implementation. .06 FTE.
Conservation Director	\$2,500	Project and partner coordination. .01 FTE
Bookkeeper	\$500	Financial recordkeeping and invoicing. .003 FTE
Professional/Technical/Service Contracts:	\$179,000	To provide restoration and services. Vendor contracts will be awarded on a competitive and performance basis
Equipment/Tools/Supplies: (fence, posts, signs, gloves, hand tools, misc.)	\$2,000	Project supplies.
Travel Expenses in MN:	\$500	Travel to project sites and meetings.

Other (plant material): Native prairie seed and native shrubs and trees	\$4,000	Plant material.
TOTAL ENRTF BUDGET:	\$200,000	

Explanation of Use of Classified Staff: N/A

Explanation of Capital Expenditures Greater Than \$5,000: N/A

Number of Full-time Equivalents (FTE) Directly Funded with this ENRTF Appropriation: .073 FTE

Number of Full-time Equivalents (FTE) Estimated to Be Funded through Contracts with this ENRTF Appropriation: .4 (approximate)

B. Other Funds:

Source of Funds	\$ Amount Proposed	\$ Amount Spent	Use of Other Funds
Non-state			
Private landowners	\$40,000	\$	Restoration
LGUs	\$10,000	\$	Restoration
National Fish and Wildlife Foundation	\$20,000	\$	Restoration
Friends of the Mississippi River	\$ 6,000	\$	Restoration
State	\$	\$	
TOTAL OTHER FUNDS:	\$76,000	\$	Restoration

VII. PROJECT STRATEGY:

A. Project Partners: The following partners are not being funded through this grant but restoration will be conducted on land that they own: Minneapolis Park Board, St. Paul Parks, The City of Hastings, the City of Rosemount, The Minnesota Department of Natural Resources, The City of Cottage Grove, and private landowners.

B. Project Impact and Long-term Strategy: FMR has been strategically focused on specific areas within the designated corridors for over 13 years. This has allowed us to stay engaged with projects, landowners, partners and communities, helping to ensure the continuous improvement and expansion of the habitat values at these sites, while protecting the public investment that has been made in them. Starting with individual parcels, our project areas have grown by orders of magnitude to protect and restore large tracts of land, ultimately creating contiguous greenway corridors. The restoration projects presented in this work program are all part of larger projects both in the sense of time and area. The plants and animals dependent on these natural areas, many of which are SGCNs, will benefit from the activities conducted through this grant, by having more diverse habitat that provides their live requirements. FMR is committed to conducting fundraising from both public and private sources, for the ongoing restoration activities required at these sites over time.

C. Spending History:

Funding Source	M.L. 2008 or FY09	M.L. 2009 or FY10	M.L. 2010 or FY11	M.L. 2011 or FY12-13	M.L. 2012	M.L. 2013 or FY14
ENRTF	\$92,000	\$90,000		\$200,000		\$304,000
Outdoor Heritage Fund			\$25,300	\$243,374	\$375,000	\$50,000

VIII. ACQUISITION/RESTORATION LIST: See attached restoration list.


IX. VISUAL ELEMENT or MAP(S): See attached map.

X. ACQUISITION/RESTORATION REQUIREMENTS WORKSHEET:

XI. RESEARCH ADDENDUM:

XII. REPORTING REQUIREMENTS:

Periodic work plan status update reports will be submitted no later than February 1, 2015, August 1, 2015, February 1, 2016, August 1, 2016, and February 1, 2017. A final report and associated products will be submitted between June 30 and August 15, 2017.

Environment and Natural Resources Trust Fund						
M.L. 2014 Project Budget						
Project Title: <i>Prairie, Forest, and Savanna Restoration in the Greater Metropolitan Area</i>						
Legal Citation: <i>M.L. 2014, Chp. 226, Sec. 2, Subd. 06g</i>						
Project Manager: <i>Tom Lewanski.</i>						
Organization: <i>Friends of the Mississippi River.</i>						
M.L. 2014 ENRTF Appropriation: <i>\$200,000</i>						
Project Length and Completion Date: <i>3 Years, June 30, 2017</i>						
Date of Report: <i>1/20/2014</i>						
ENVIRONMENT AND NATURAL RESOURCES TRUST FUND BUDGET	Activity 1 Budget	Amount Spent	Activity 1 Balance	Total Budget	Total Balance	
BUDGET ITEM	<i>Fill in your activity title here.</i>					
Personnel (Wages and Benefits)	\$14,500	\$0	\$14,500	\$14,500	\$14,500	
<i>Conservation Director: \$2,500 (1) Project and partner coordination. 80% salary, 20% benefits. .01 FTE for 3 years.</i>						
<i>Bookkeeper:\$500 (1). Financial recordkeeping and invoicing. 80% salary, 20% benefits. .003 FTE for 3 years.</i>						
<i>Ecologist: \$11,500 (2). Restoration/enhancement project planning, coordination & implementation. 80% salary, 20% benefits. .06 FTE for 3 years.</i>						
Professional/Technical/Service Contracts						
<i>Prairie Installation: TBD. Vendor contracts will be awarded on a competitive and performance basis.</i>	\$12,300	\$0	\$12,300	\$12,300	\$12,300	
<i>Exotic invasive plant control.TBD. Vendor contracts will be awarded on a competitive and performance basis.</i>	\$140,790	\$0	\$140,790	\$140,790	\$140,790	
<i>Seeding/plant installation. TBD. Vendor contracts will be awarded on a competitive and performance basis.</i>	\$5,000	\$0	\$5,000	\$5,000	\$5,000	
<i>Prescribed burns. TBD. Vendor contracts will be awarded on a competitive and performance basis.</i>	\$20,910	\$0	\$20,910	\$20,910	\$20,910	
Equipment/Tools/Supplies: <i>Restoration supplies (signs, fence, gloves, posts, handtools, misc.).</i>	\$2,000	\$0	\$2,000	\$2,000	\$2,000	
Travel expenses in Minnesota <i>Travel to project sites and partner meetings</i>	\$500	\$0	\$500	\$500	\$500	
Other <i>Plant material: Native seed, trees, & shrubs.</i>	\$4,000	\$0	\$4,000	\$4,000	\$4,000	
COLUMN TOTAL	\$200,000	\$0	\$200,000	\$200,000	\$200,000	

**Environment and Natural Resources Trust Fund
2014 Restoration List**

Project Name: Prairie, Forest, and Savanna Restoration in the Greater Metropolitan Area

Legal Citation: M.L. 2014, Chp. 226, Sec. 2, Subd. 6g

Project Manager: Tom Lewanski

Organization: Friends of the Mississippi River.

M.L. 2014 ENRTF Appropriation: \$ 200,000

Project Length and Completion Date: 3 Years, June 30, 2017

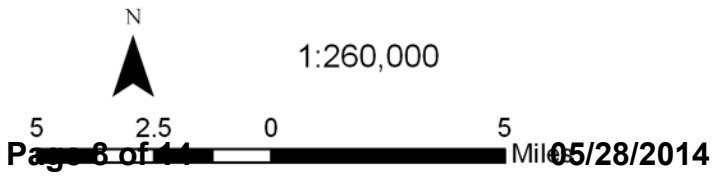
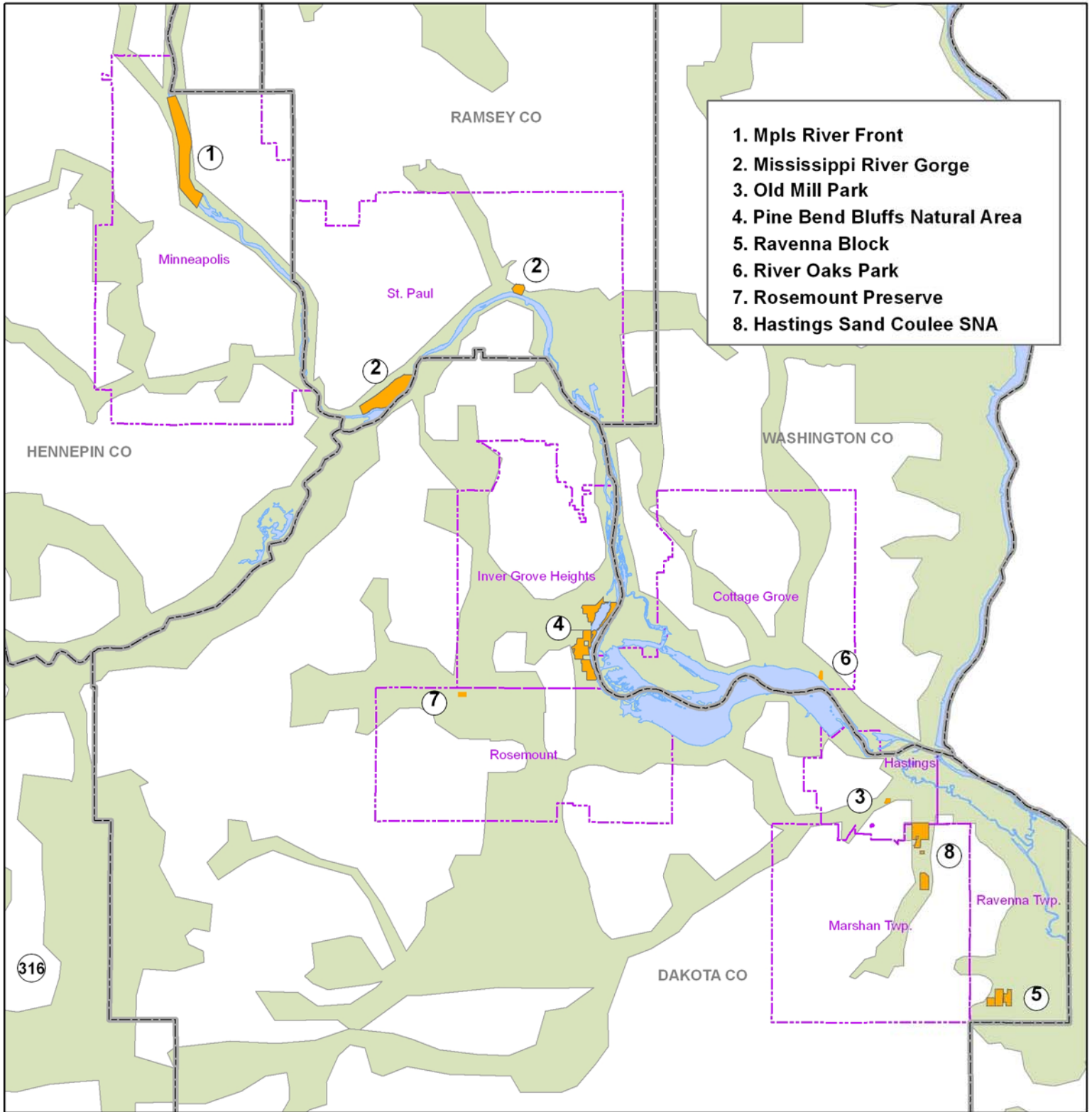
Date of Report: 1/20/2014

#	Acquisition or Restoration Parcel Name	Geographic Coordinates		County	Estimated Cost	Ecological Significance	Activity Description	# of Acres	# of Shoreline Miles	Type of Landowner	Status
		Latitude	Longitude								
1	Minneapolis River Front	45°0'13.327"N	93°16'33.829"W	Hennepin	\$10,477.00	Native plant community remnants in urban dominated landscape. Important Bird Area. Shoreline protection, riparian buffer, Mississippi river front.	Exotic plant control. Rx burning. Seeding.	5	0.35	Public - City	This is a continuation of restoration activities
2	Mississippi River Gorge	44°56'15.602"N	93°12'12.908"W	Hennepin / Ramsey	\$4,694.00	Rare plant community (oak savanna), Mississippi River corridor, Important Bird Area.	control. Rx burning. Seeding. Planting.	5	0	Public - City	continuation of restoration activities
3	Old Mill Park-Hstgs	44°43'34.86"N	92°50'33.12"W	Dakota	\$6,042.00	Rare plants, Vermillion River corridor, connected to other natural areas, rare plant community remnant (oak savanna).	Restore savanna habitat, reconstruct native prairie	10	0	Public - City	This is a continuation of restoration activities
4	Pine Bend Bluffs Natural Area	44°47'43.426"N	93°1'46.385"W	Dakota	\$83,359.00	Mississippi River corridor 1.5 miles riverfront, connected to other riverfront protected land, Important Bird Area, rare plant communities, diverse habitat.	Woodland - invasive species management.	60	0	Public - State	This is a continuation of restoration activities
5	Ravenna block greenway	44°38'26.94"N	92°46'10.051"W	Dakota	\$32,037.00	Large woodland, connected to other protected properties, wildlife corridor. Groundwater and surface water portection - ranked very high sensitivity to contaminants and soils are mostly highly erodible.	Woodland- invasive species management. Grassland - manage prairie restoration.	30	0	Private- permanently protected by conservation easement.	This is a continuation of restoration activities
6	River Oaks Park-Cott Grv	44°46'49.831"N	92°53'1.797"W	Washington	\$4,010.00	Rare bedrock bluff prairie and oak savanna. Mississippi River front.	Rx burn. Seed collection. Seeding.	2	0	Public - City	
7	Rosemount Preserve	44°46'22.382"N	93°6'12.897"W	Dakota	\$7,317.00	Portion of large contiguous forest. On-going restoration/restoement since 2006.	restore oak woodland - invasive species management	26	0	Public - City and private (Permanently protected by conservation	continuation of restoration activities
8	Sand Coulee SNA	44°42'47.932"N	94°49'13.728"W	Dakota	\$52,064.00	Rare sand-gravel prairie community, very diverse, 13 rare plant and animal species, largest prairie in Dakota County, habitat corridor.	restore oak forest, restore prairie, restore existing prairie.	80	0	Public-State	This is a continuation of restoration activities
9							Column Total	218			
10					\$200,000.00		Committed to in proposal	147			

NOTES:

committed Non-state match 30

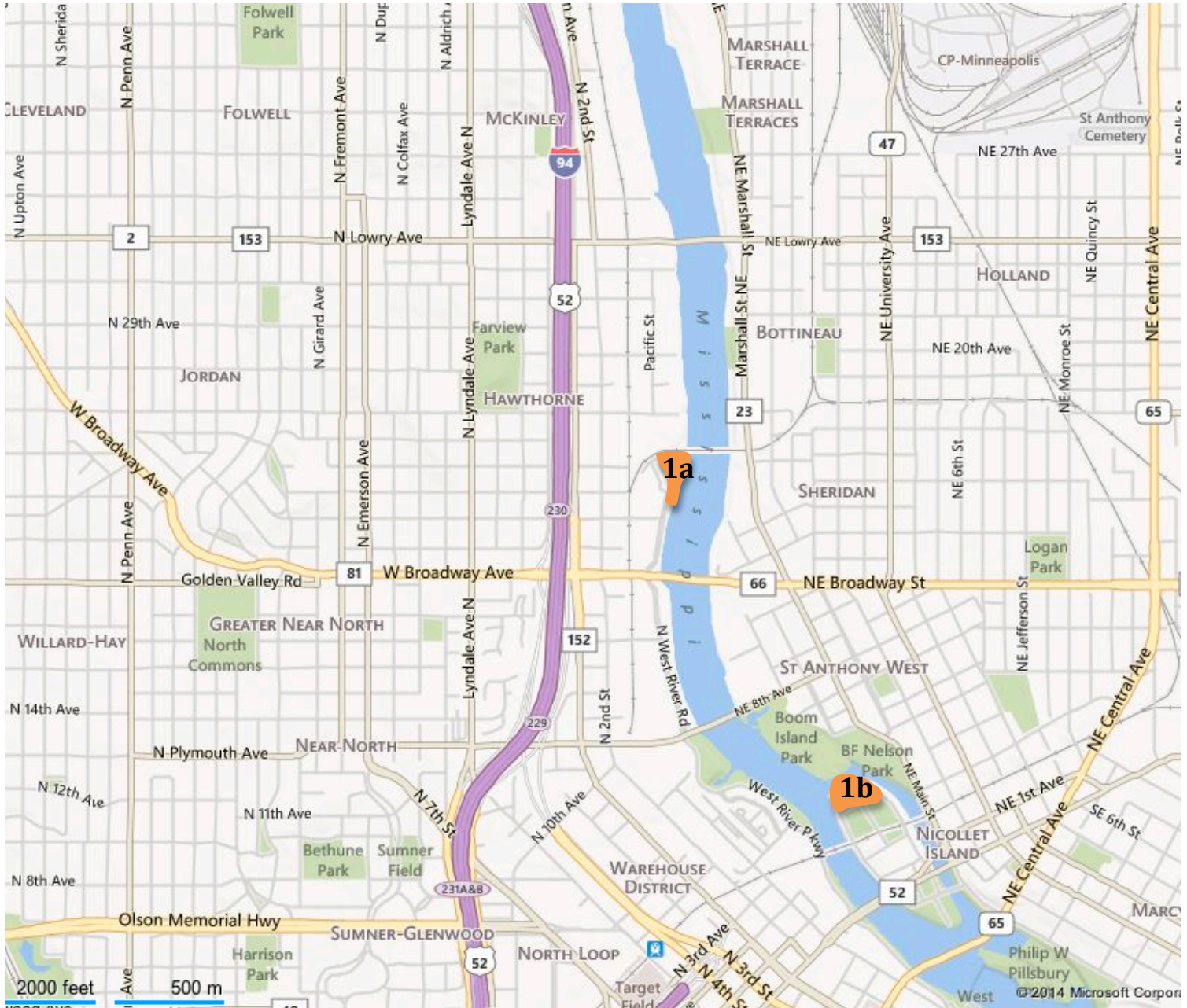
Environment and Natural Resources Trust Fund
 M.L. 2014 Restoration List
**PROJECT TITLE: Phase VIII- Friends of the Mississippi River
 Prairie, Forest, and Savanna Restoration in the Greater Metropolitan Area**



Legend

- Restoration & Enhancement Sites
- Metro Conservation Corridors

M.L. 2014 Restoration List
PROJECT TITLE: Phase VIII- Friends of the Mississippi River
Prairie, Forest, and Savanna Restoration in the Greater Metropolitan Area

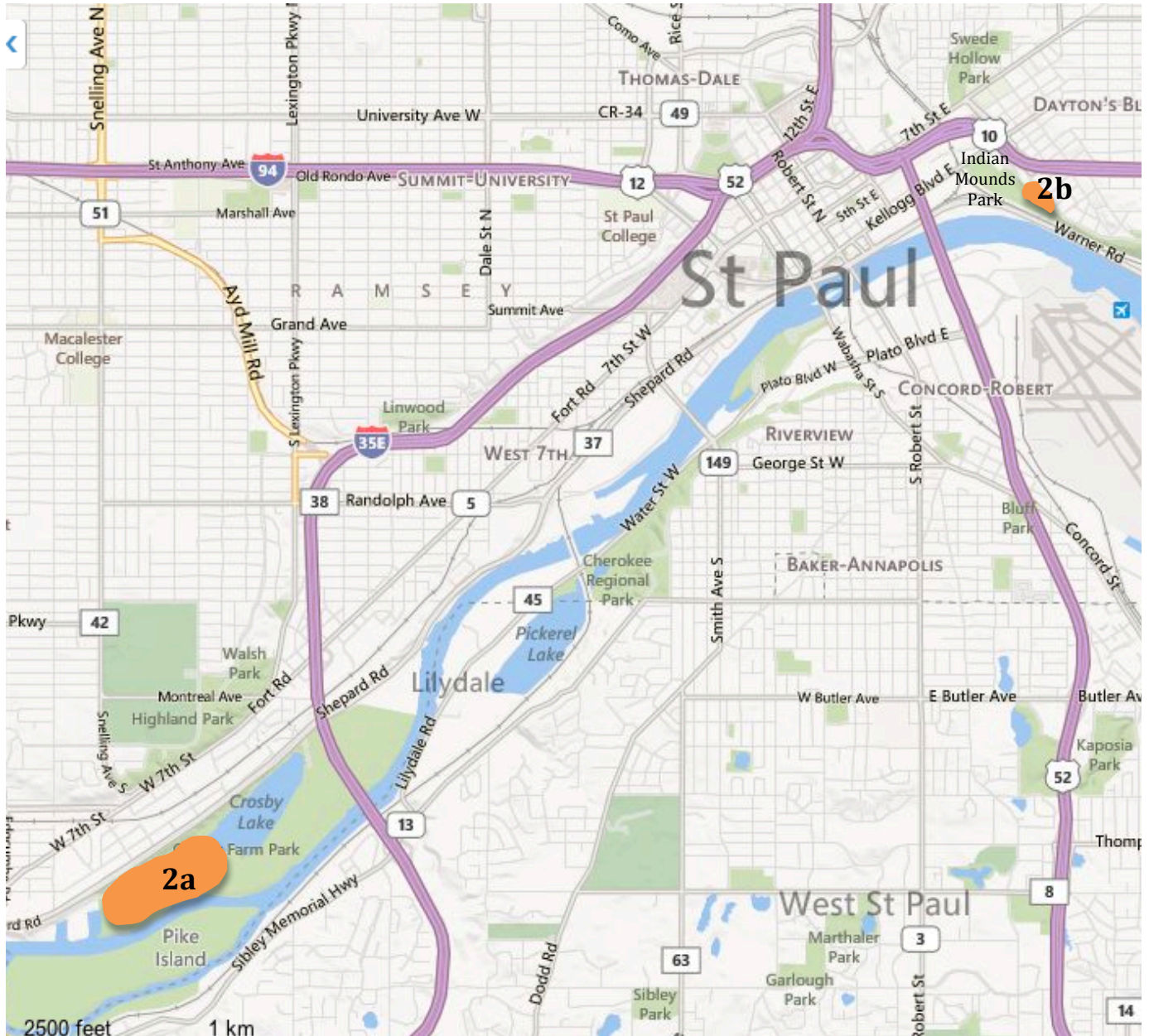


1. Minneapolis River Front

- 1a. Ole Olson Park
- 1b. Nicollet Island



M.L. 2014 Restoration List
PROJECT TITLE: Phase VIII- Friends of the Mississippi River
Prairie, Forest, and Savanna Restoration in the Greater Metropolitan Area

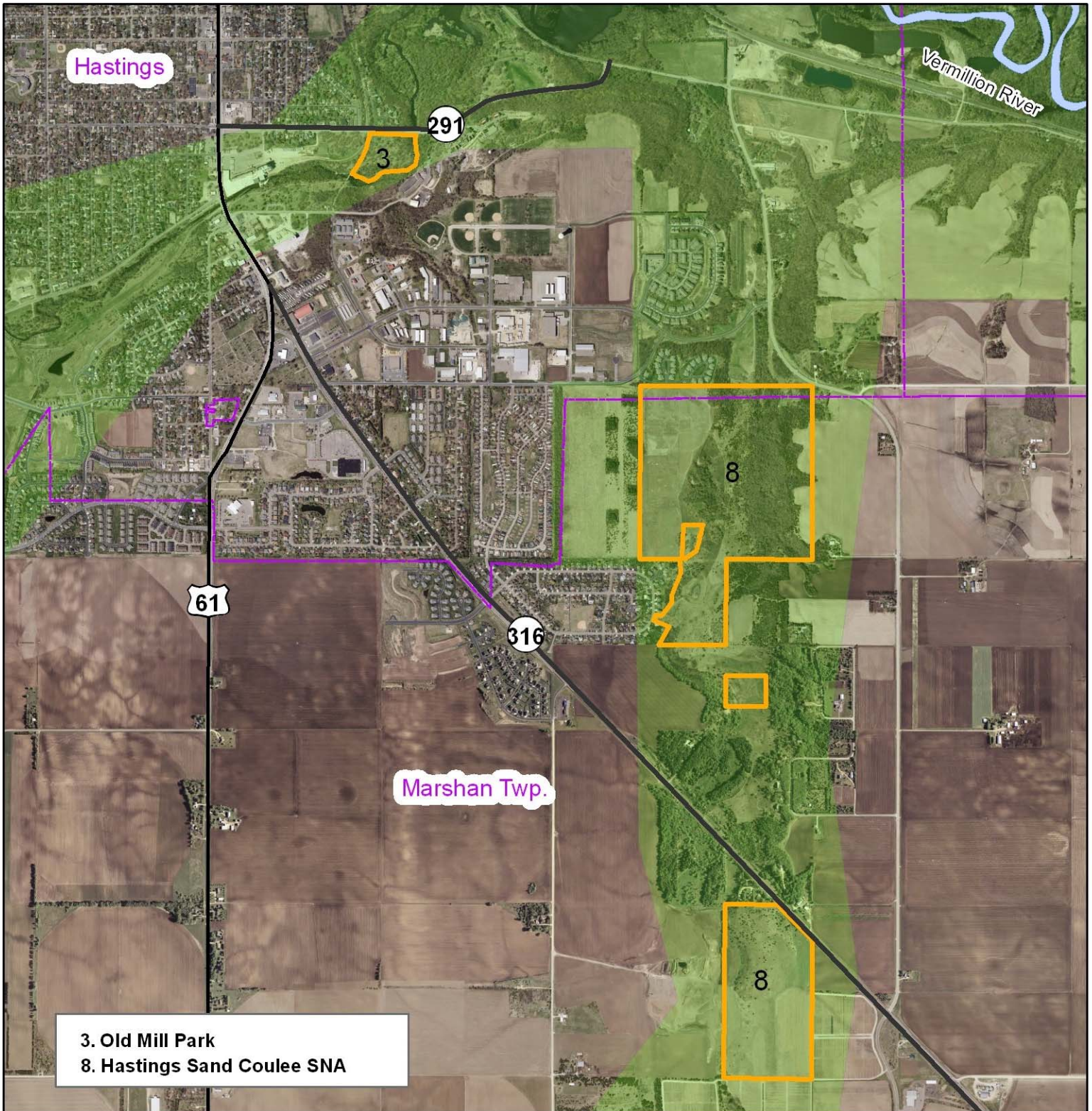


2. Mississippi River Gorge

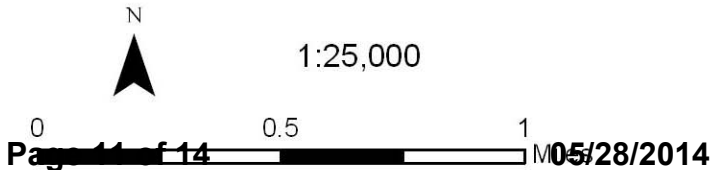
- 2a. Crosby Park
- 2b. Mounds Park



Environment and Natural Resources Trust Fund
M.L. 2014 Restoration List
PROJECT TITLE: Phase VIII- Friends of the Mississippi River
Prairie, Forest, and Savanna Restoration in the Greater Metropolitan Area



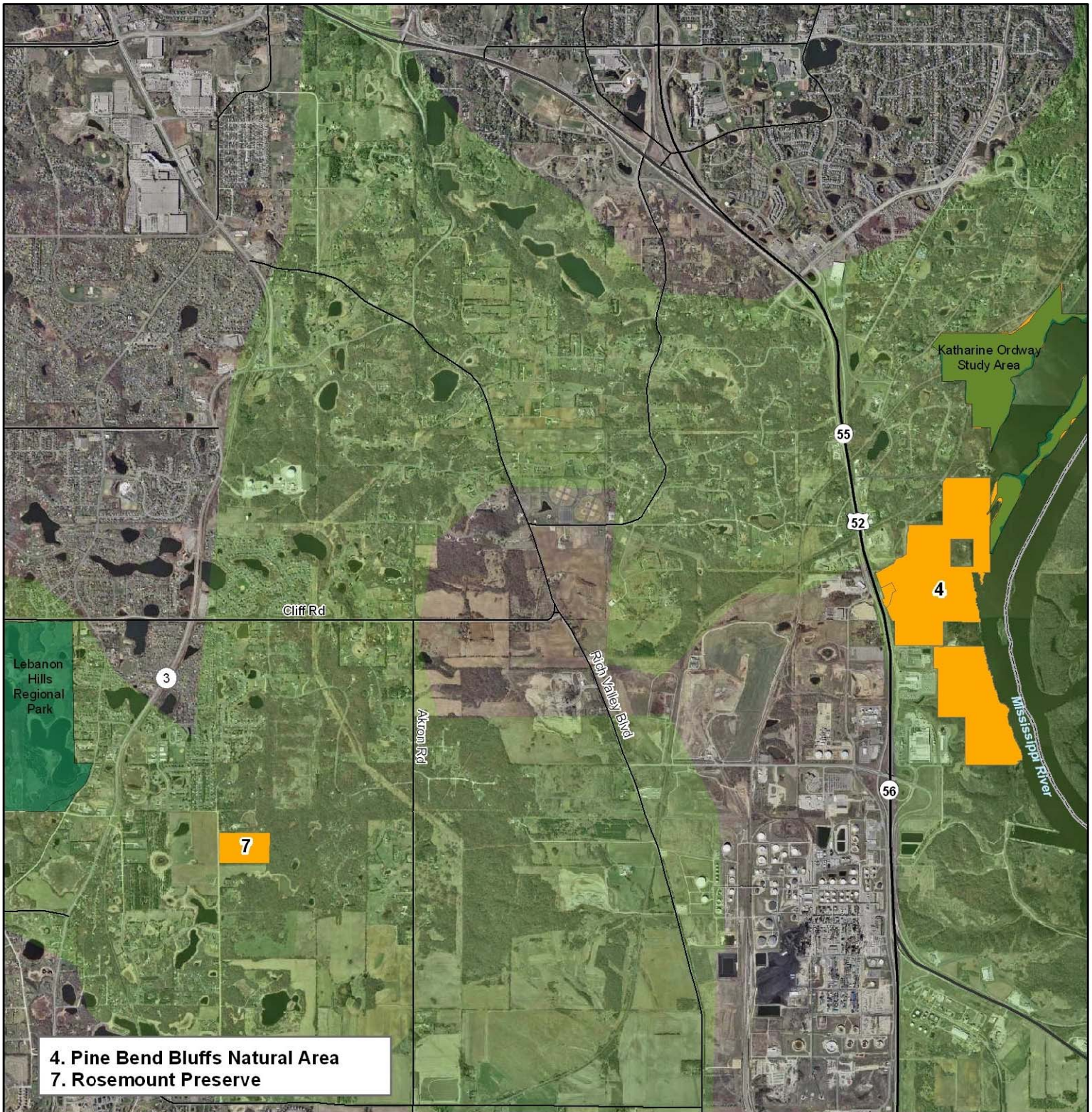
3. Old Mill Park
8. Hastings Sand Coulee SNA



Legend

- Metro Conservation Corridors
- City & Township

Environment and Natural Resources Trust Fund
M.L. 2014 Restoration List
PROJECT TITLE: Phase VIII- Friends of the Mississippi River
Prairie, Forest, and Savanna Restoration in the Greater Metropolitan Area



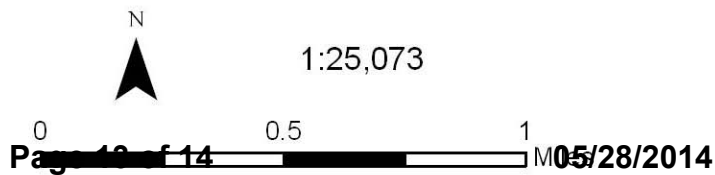
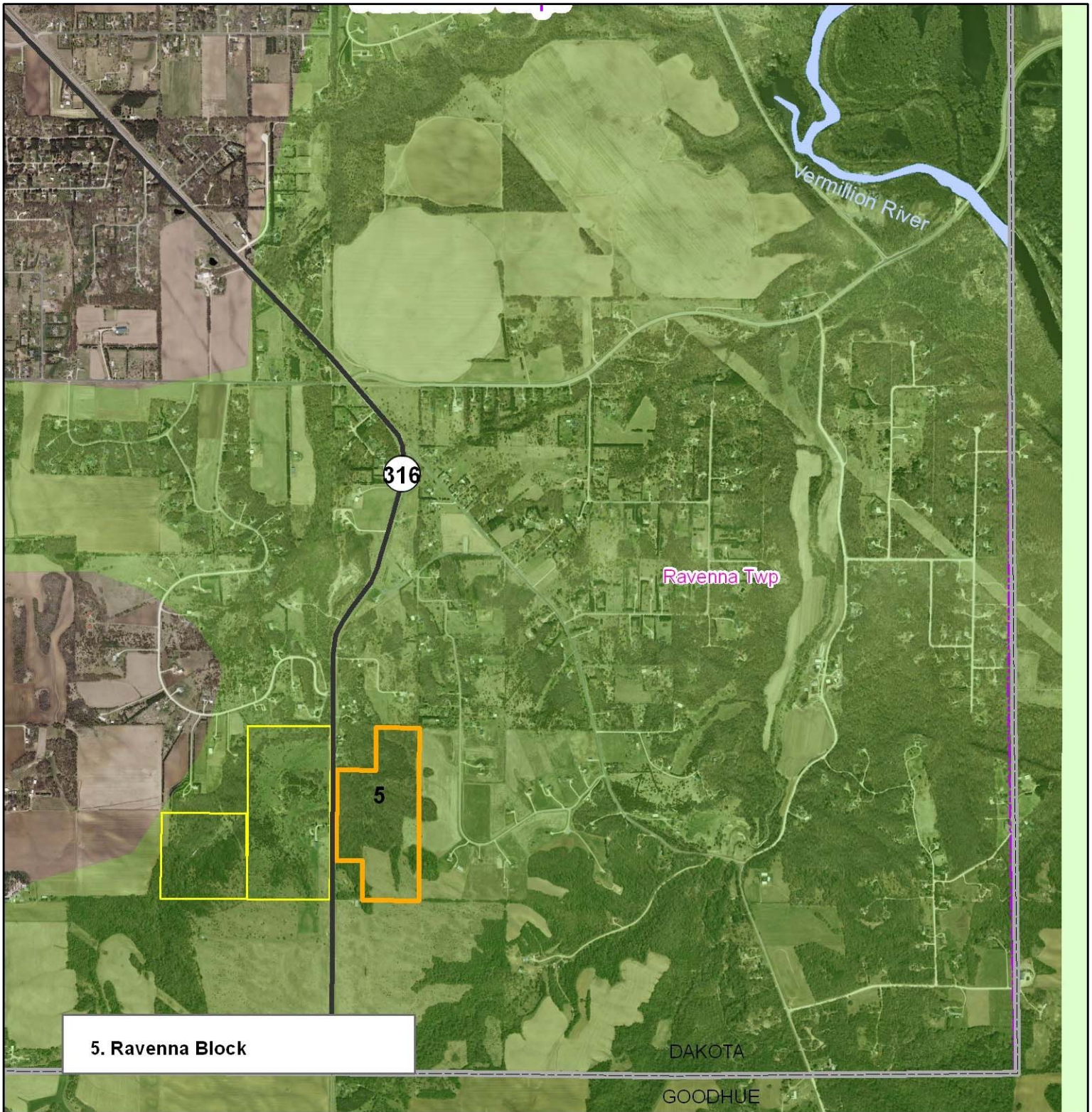
1:45,000



Metro Conservation Corridors

Subd. 06g

Environment and Natural Resources Trust Fund
M.L. 2014 Restoration List
PROJECT TITLE: Phase VIII- Friends of the Mississippi River
Prairie, Forest, and Savanna Restoration in the Greater Metropolitan Area



- Ravenna Block - non-project units
- Metro Conservation Corridors
- City & Twp boundaries

Subd. 06g

Environment and Natural Resources Trust Fund
M.L. 2014 Restoration List
PROJECT TITLE: Phase VIII- Friends of the Mississippi River
Prairie, Forest, and Savanna Restoration in the Greater Metropolitan Area

