



Environment and Natural Resources Trust Fund (ENRTF)

M.L. 2018 ENRTF Work Plan (Main Document)

Today's Date: March 1, 2018

Date of Next Status Update Report: TBD

Date of Work Plan Approval: ---

Project Completion Date: June 30th 2021

Does this submission include an amendment request? No

PROJECT TITLE: Swedish Immigrant Regional Trail Segment within Interstate State Park

Project Manager: Laird Mork

Organization: Chisago County Environmental Services

College/Department/Division: Parks & Trails

Mailing Address: P.O. Box 815

City/State/Zip Code: North Branch, MN 55056

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Email Address: Laird.mork@chisagocounty.us

Web Address: www.chisagocounty.us

Location: Taylors Falls, Chisago County, MN

Total ENRTF Project Budget:	ENRTF Appropriation	2,254,000
	Amount Spent:	\$0
	Balance:	\$2,254,000

Legal Citation: M.L. 2018, Chp. xx, Sec. xx, Subd. xx

Appropriation Language:

\$2,254,000 the second year is from the trust fund to the commissioner of natural resources for an agreement with Chisago County Environmental Services to construct an approximate ½ mile regional county trail segment within Interstate State Park from the end point of the existing trail at the park boundary to city hall including a trail bridge over the ravine. Conduct a natural and cultural review for a future section of the trail in the park to connect to city streets for an on-road connection to the main entrance of the State Park. This appropriation is available until June 30, 2021, by which time the project must be completed and final products delivered.

I. PROJECT STATEMENT:

General: The Swedish Immigrant Regional Trail is a multi-use non-motorized trail connecting the Sunrise Prairie Trail in Wyoming to the St. Croix River National Wild & Scenic River in Taylors Falls through Interstate State Park. The Swedish Immigrant Trail has been designated by the Greater Minnesota Regional Parks and Trails Commission as a Regional Trail. The trail master plan illustrates a planned 20 mile paved trail from Taylors Falls to Wyoming MN. The trail serves as an alternate transportation corridor namely for non-motorized pedestrian, bicycle, skiing with some snowmobile use where designated. The trail will also provide connectivity for the Gateway Trail when carried north from current terminus.

Chisago County Environmental Service/Parks Division performs the trail development work including liaison with agencies & local jurisdictions, public meetings, contract administration, right-of-way acquisition and other administrative functions. LCCMR funds will be used for environmental work, engineering work and construction. The County is experienced at leveraging funds, meeting specific funder requirements, matching non-state & non-federal sources and completion dates. The Taylors Falls/Interstate State Park segment will be funded by ENRTF dollars, will proceed with a Joint Powers Agreement with MN State DNR Parks and Trails Division and additional agreements with the City of Taylors Falls. The most prescriptive grantor(s) rules will be used advancing this project.

The Interstate State Park connection will link Taylors Falls and State Park visitors to Wildwood Campground with trail segments E, F, & G connecting to Shafer MN all to be complete and connected in 2018/19. With this project 6 of 8 segments will be complete, (Segment F "connection project is funded for construction in 2018 and Segment H is the subject of this project). The connection project segment F with Shafer currently funded by a Legacy grant and local funding. Chisago County is also funding land acquisition costs for trail segment F to ready the project for completion in 2018.

Specific: grant funds will be used for engineering and construction of the Swedish Immigrant Trail, including a bridge and paved trail within Interstate State Park connecting with existing trail that currently abuts to the State Park west boundary line. This project will also complete support amenities adjacent to the trail on Chisago County and City of Taylors Falls property. In addition, the project will complete preliminary work needed for segment C through the balance of the park. This would include conducting a Natural and Cultural resource review and, in keeping with the Commission intent discussed at its 10/17/17 and 11/30/17 meetings, preliminary design work only the extent needed to enable the natural and cultural resource review.

II. OVERALL PROJECT STATUS UPDATES:

First Update January 31, 2019

Second Update June 30, 2019

Third Update January 31, 2020

Fourth Update June 30, 2020

Fifth Update January 31, 2021

Final Update June 30, 2021

III. PROJECT ACTIVITIES AND OUTCOMES:

ACTIVITY 1:

Description: Cultural and natural resource evaluation of trail route Segment A & B.

Description: Site review and evaluation.

Summary Budget Information for Activity 1:

ENRTF BUDGET:	\$11,700
Amount Spent	\$0.00
Balance	\$11,700

Outcome	Completion Date
1. Process cultural and natural resource review and secure letter of concurrence regarding project with MN DNR Parks and Trails Division. Complete mitigation needed.	June 30, 2019

Activity 1, First Update January 31, 2019

Second Update June 30, 2019

Third Update January 31, 2020

Final Report on Activity 1, June 30, 2020

ACTIVITY 2 title: Engineering, survey, design and build trail, parking area and trail head

Description: Engineering, survey, design and build a.5 mile 10' wide hard surface trail, 180' bridge and finished parking area/ trail head. This includes all technical details, plans specification and construction management and all details that arise for Segment A, Segment B including parking area and trail head at the Taylors Falls City Hall. Preliminary design details will be outlined/included for Segment C to facilitate location detail for cultural and natural resource review in activity 3. Engineering work will be completed in accordance with the MN Dot Standards for Bicycle Trails.

Engineering work begins with route(s) identification needed for EPA work and then to more specific survey work once a preferred trail route alternative is determined. Engineer survey includes topographic detail, paying particular attention to horizontal alignment for Americans' with disabilities access and vertical curve for minimum speed, property lines and other features needed for design. Trail design is in accordance with MN Dot Standards, Federal Highway Administration (FHWA) and ASHTO and on-site conditions such as waterways, wetlands, hills, valleys determining the final trail design and plan. Engineer consultant is also required to provide planning documents for MN DNR review and approval for full compliance of the Joint Powers Agreement detailing the project roles and responsibilities. Plan is required to provide project specification document that includes special construction needs, bidding documents, contracts and other. Engineers will provide construction management that includes on-site inspections, testing oversight, processing payments, prevailing wage compliance and other work for a completed project.

This activity will include working closely with MN DNR Parks and Trails staff relocating sensitive vegetation, removal of vegetation from trail corridor contractor mobilization, clearing & grubbing as required to facilitate the project. Excavate and grade trail corridor, prepare trail subgrade and install base material. Complete pilings, abutments, bridge and deck with required site preparation and impact mitigation. Install 10' wide paved trail with 2-foot wide recovery zones. Finish final grading, erosion control, culverts, seed and vegetation. Misc. retaining wall, site corrections/hazard material cleanup. Install fencing signage, parking and trail head amenities.

Includes Engineering by Consultant, project administration, review and concurrence of all documents as required by MNDNR Parks and Trails Division.

Summary Budget Information for Activity 2:	ENRTF Budget:	\$ 2,039,950
	Amount Spent:	\$ 0
	Balance:	\$ 2,039,950

Outcome	Completion Date
Engineering plans, specification, bid documents all compliance & approvals	December 2018
Site preparation for trial, bridge, parking area and trail head	June 2019
Grading excavation, bridge construction/installation	December 2019
Construction Segments A & B surfacing and restoration	September 2020
Construction Install fencing, signage, parking and trail head, finish details	June 30 2021

Activity 2 as of January 31, 2019

Activity 2 Status as of June 30, 2019

Activity 2 Status as of January 31, 2020

Activity 2 Status as of June 30, 2020

Activity 2 Status as of January 31, 2021

Final Report Summary June 30 2021

ACTIVITY 3:

Description: Phase III Cultural and Environmental Review, Archaeological Investigation and Technical Report. Segment C determination of feasibility through state park, avoidance and or mitigation options.

Summary Budget Information for Activity 3:	ENRTF Budget:	\$ 202,350
	Amount Spent:	\$ 0
	Balance:	\$ 202,350

Outcome	Completion Date
Phase 3 Archeological review through proposed and alternate trail routing to Hill St. Locate approved trail routing with limitations identified Wetland delineation and mitigation Identify construction limitations and mitigations required	June 1, 2020

Activity 3 as of January 31, 2019

Activity 3 Status as of June 30, 2019

Activity 3 Status as of January 31, 2020

Activity 3 Status as of June 30, 2020

Activity 3 Status as of January 31, 2021

Final Report Summary June 30 2021

A. Preliminary ENRTF Budget Overview: See attached spreadsheet

Explanation of Capital Expenditures Greater Than \$5,000: Trail construction costs vary depending on the type of terrain or base being used. For example, constructing trail on an abandon railroad grade may cost \$200,000 per mile while construction through a rocky terrain with bridges may cost in excess of \$1,000,000 per mile. This Project includes the fourth and final bridge, a 180' bridge construction estimated to cost \$950,000.

Explanation of Use of Classified Staff: County Staff

Direct expenses related to Chisago County Public Works for Support Services, Survey, Finance and Engineer services directly related to and necessary for the appropriation. Services are billed internally to divisions based on rates developed for each area of service.

County Public Works Staff do not typically work in for Environmental Services/Parks Division these costs are not otherwise paid for. This project does not include ENRTF funding to pay for County Environmental Services/project management staff time.

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

Enter Total Estimated Personnel Hours: 4160	Divide by 2,080 = TOTAL FTE:
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Total Number of Full-time Equivalents (FTE) Estimated to Be Funded through Contracts with this ENRTF Appropriation:

Enter Total Estimated Personnel Hours: 16,640	Divide by 2,080 = TOTAL FTE: 10
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B. Other Funds:

SOURCE OF AND USE OF OTHER FUNDS	Amount Proposed	Amount Spent	Status and Timeframe
Other Non-State \$ To Be Applied To Project During Project Period:			

In-kind Contribution, land for parking area and trail head by city.	\$ 50,000		
Other State \$ To Be Applied To Project During Project Period:			
In-kind land for trail within State Park	\$ 40,000	\$	
Past and Current ENRTF Appropriation:			
N/A	\$ 0	\$	
Other Funding History:			
MN DNR Local Trails Grants Segment E	\$ 300,000	\$	Complete
Legacy Funding Segment F	\$621,000		Currently in process, complete in 2018
County Funding Segment F	\$69,000		
Legacy Funding Segment G	\$1,338,000		Complete in 2018
County Funding, Grant/local Share	\$212,000		
Legacy Funding Segment G	\$157,500		Complete in 2017
County Funding Segment G	\$17,500		
Parks and Trails Foundation	\$10,000		

VI. PROJECT PARTNERS:

A. Partners receiving ENRTF funding

Name	Title	Affiliation	Role
Agency MN DNR MN DNR	Parks Division Parks Division	Supporting Partner Contracted service	Provide land trail route Cultural & Resource
Chisago County	Environmental Services/Parks Division	Project Sponsor	Project Management

B. Partners NOT receiving ENRTF funding

Name	Title	Affiliation	Role
City of Taylors Falls	City Government	Supporting Partner	Provide land for parking & trail head amenities

VII. LONG-TERM- IMPLEMENTATION AND FUNDING:

Long-term strategy for the Swedish Immigrant Trail is to construct an east/west trail from Taylors Falls to Wyoming connecting 6 communities along the way as seen on enclosed map. The trail serves as a hub with existing north/south Sunrise Prairie Trail and Hardwood Creek regional trail as well as future Gateway trail connectivity.

The Chisago County Board and Environmental Services Department has committed to maintain the trail through multiple funding contract commitments. Chisago County is in its 20th year operating the Sunrise Prairie Trail a 16 mile route on the former Burlington Northern Railroad that connects with Washington County, Forest Lake and Hugo MN. Chisago County provides long term funding and staff through Environmental Services Department/ parks division budget and public works personnel.

VIII. REPORTING REQUIREMENTS:

- The project is for three years, will begin on July/1/2018, and end on June/30/2021.
- Periodic project status update reports will be submitted 6/30 and 1/31 of each year.

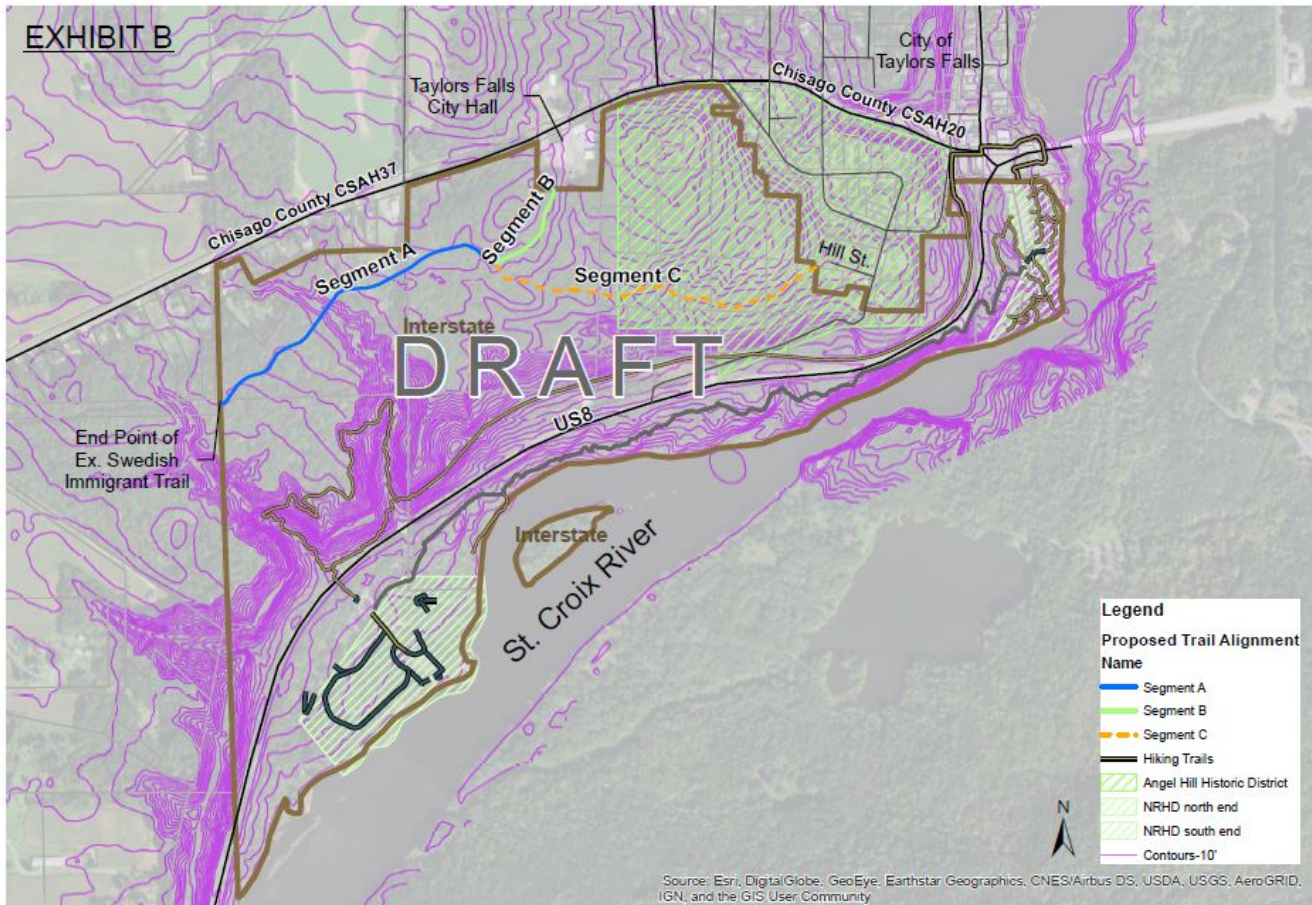
- A final report and associated products will be submitted between June 30, and August 15, 2021.

IX. SEE ADDITIONAL WORK PLAN COMPONENTS:

A. Budget Spreadsheet

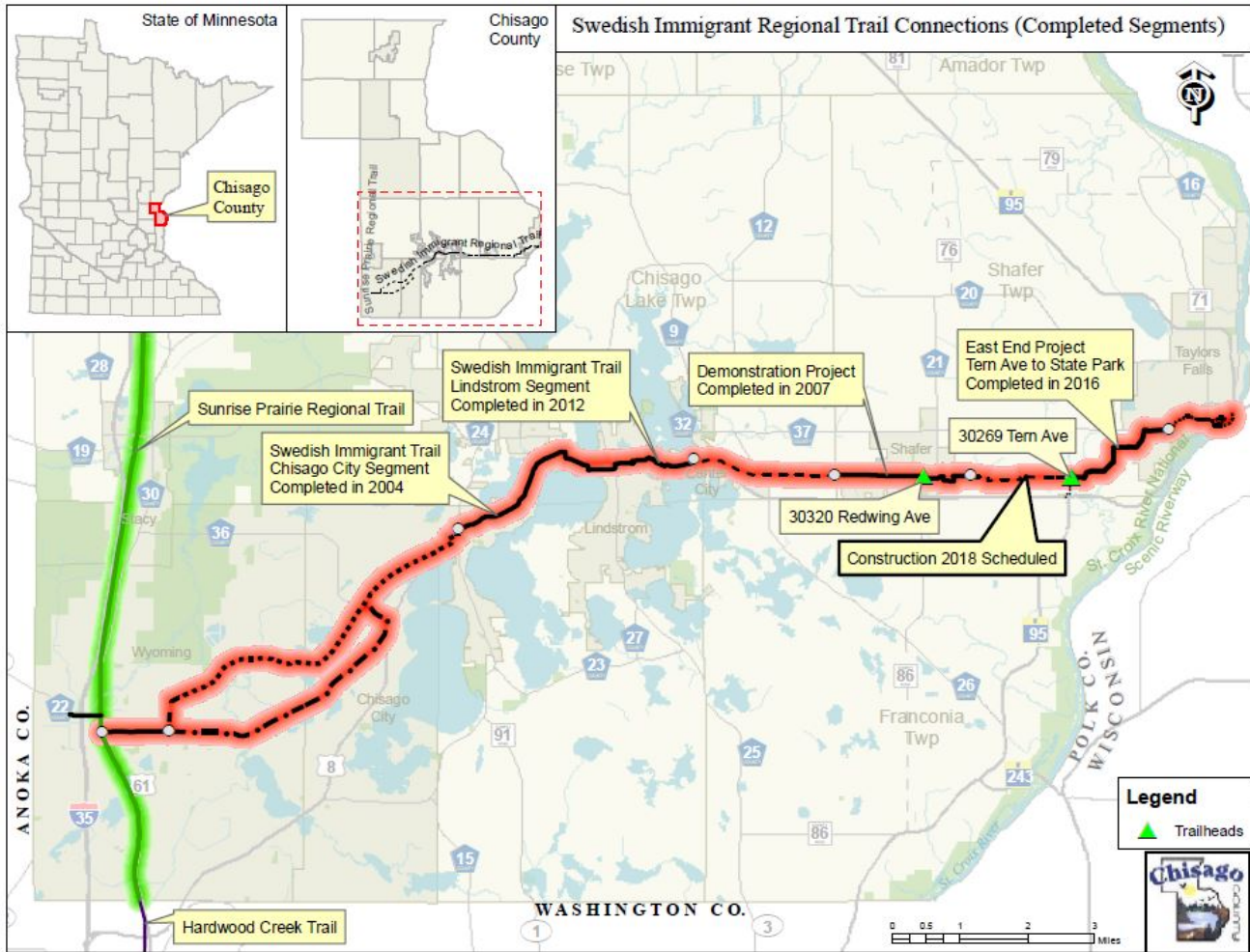
B. Visual Component or Maps

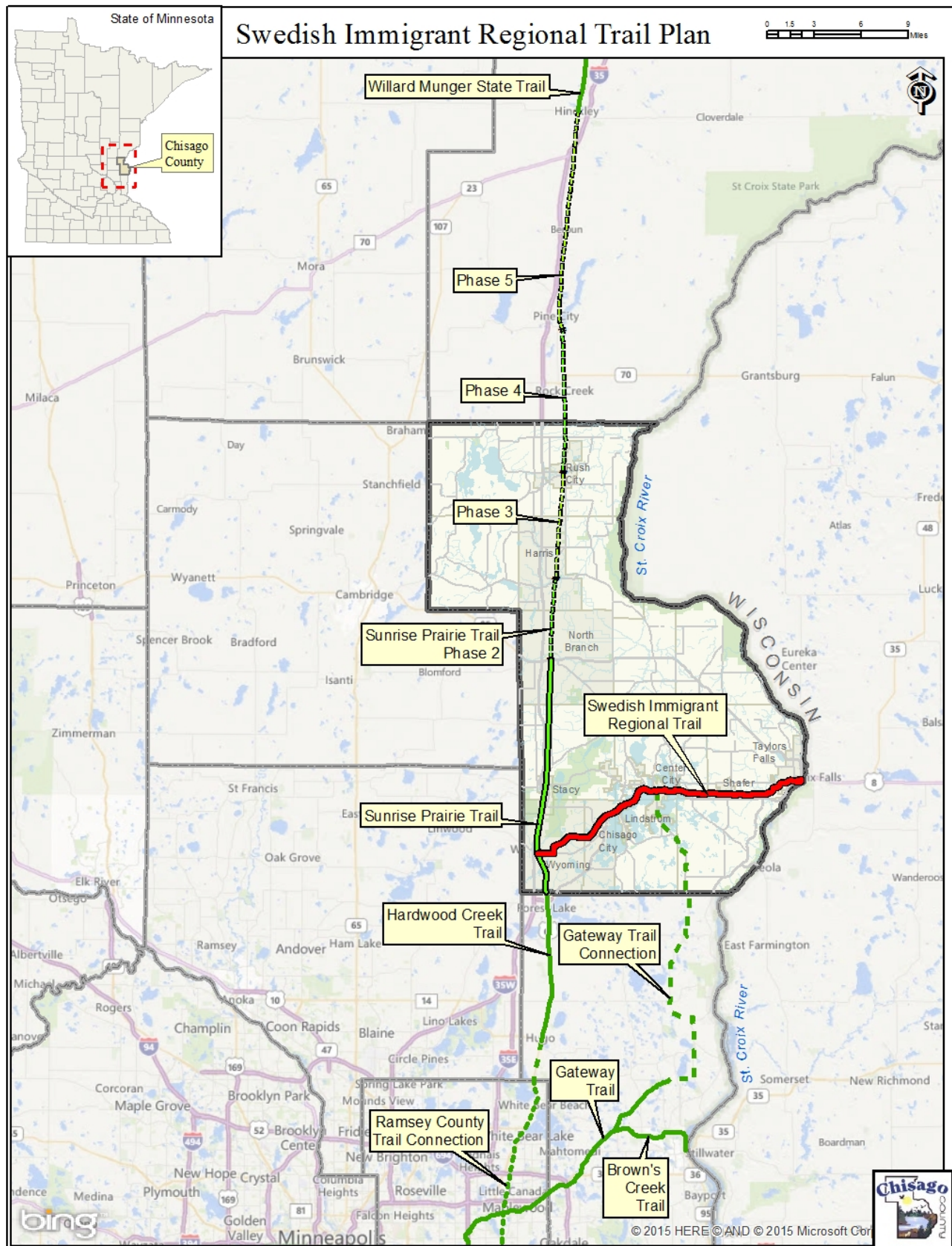
- Trail illustration within state park
- Other completed trail segments & segment to be completed in 2018
- Regional trail map



Interstate State Park
-Swedish Immigrant Trail Segments

0 0.125 0.25 0.5 Miles





Environment and Natual Resources Trust Fund

M.L. 2018 Project Budget

Project Title Swedish Immigrant Trail Development

Legal Citation:

Project Manager Laird Mork

Organization: Chisago County Env. Services

M.L. 2018 ENRTF Appropriation: \$2,254,000

3 year June 31, 2021

Date of Report: March 1, 2018



ENVIRONMENT AND NATURAL RESOURCE TRUST FUND	TOTAL BUDGET	TOTAL SPENT	TOTAL BALANCE
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BUDGET ITEM

Professional/Technical/Services Contracts			
Environmental/cultural review work preliminary to construction segment A & B. Contractor will be selected through competitive bid or by agreement with MN DNR via established inhouse service agreement.	\$ 11,700	\$ -	\$ 11,700
Engineering for Trail, plans, specifications, bidding construction administration. Contractor will be selected through competitive bid.	\$ 236,335	\$ -	\$ 236,335
Trail constructions, 180' bridge, grade, trail surfacing, Contractor will be selected through competitive bid.	\$ 1,533,615	\$ -	\$ 1,533,615
Trail head and parking, signs and other. Contractor will be selected through competitive bid.	\$ 202,000	\$ -	\$ 202,000
Environmental/cultural review work segment C. Contract with MN/DNR and MHS per proposal.	\$ 202,350	\$ -	\$ 202,350
Contract with MNDNR for project specific staff regarding design details, required mitigation tasks, engineering details, and cultural and environmental review, per proposal.	\$ 50,000		\$ 50,000
County Public Works Survey, Finance & Engineering	\$ 18,000		\$ 18,000
COLUMN TOTAL	\$ 2,254,000	\$ -	\$ 2,254,000

