# Environment and Natural Resources Trust Fund 2017 Request for Proposals (RFP)

Project Title: ENRTF ID: 176-G  Mesabi Trail, Wetland Crossing and Bridge Rehab	
Category: G. Land Acquisition, Habitat and Recreation	_
otal Project Budget: \$ 1,231,500	
roposed Project Time Period for the Funding Requested: 3 years, July 2017 - June 2020	_
ummary: his project is needed to complete the TH 135 to Embarrass segment of the Mesabi Trail. Work needed is pecific to constructing a 4,000 LF floating dock over a wetland and rehabilitating a bridge (circa 1928) over the mbarrass River. Costs for constructing the dock and bridge are estimated to be \$.	Э
ame: Robert Manzoline	
ponsoring Organization: St Louis and Lake Counties Regional Railroad Authority	
ddress: 111 Station 44 Rd	
Eveleth MN 55734	
elephone Number: _(218) 744-2653	
mail bmanzoline@rrauth.com	
/eb Address _www.mesabitrail.com	-
ocation	-
egion: Northeast	
ounty Name: St. Louis	
ity / Township:	
Iternate Text for Visual:	
lap 1 of poject area and specific locations of dock & bridge. Map 2 overall Mesabi Trail	
Funding Priorities Multiple Benefits Outcomes Knowledge Base	
Extent of Impact Innovation Scientific/Tech Basis Urgency	
Canacity Readiness Leverage TOTAL %	

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## Environment and Natural Resources Trust Fund (ENRTF) 2017 Main Proposal

**Project Title:** [Insert "Project Title" here in document header]

# PROJECT TITLE: Mesabi Trail, Wetland Crossing and Bridge Rehabilitation for the TH 135 to Embarrass Trail Segment

#### I. PROJECT STATEMENT

**General:** Running from the Mississippi to the Boundary Waters, the Mesabi Trail is a 10' wide, 145 mile-long paved trail that serves as an alternate transportation corridor and recreational facility for non-motorized use namely pedestrian, bike, ski, and horses and in designated areas, winter snowmobile use. The Trail connects twenty-eight communities across two counties starting in Grand Rapids and ending in Ely. Approximately 118 miles of the trail has been constructed since its inception in 1996. Please review the attached map for locations of the completed trail and those areas yet to be built. The Mesabi Trail is owned and maintained by the St. Louis and Lake Counties Regional Railroad Authority (RRA). We proudly note that the Trail has been constructed in cooperation with local landowners and local governments, with no eminent domain proceedings. The LCCMR has been our solid partner as we proceed to finish this premier trail in Minnesota.

**Specific:** This project is needed to complete the TH 135 to Embarrass segment of the Mesabi Trail. Work needed is specific to constructing a 4,000 LF floating dock over a wetland and rehabilitating a bridge (circa 1928) over the Embarrass River. Costs for constructing the dock and bridge are estimated to be \$1,231,500.

In year 2014, we received a legacy grant to acquire land and evaluate crossing the Embarrass River and surrounding wetlands and floodplains. 3 routes were identified within the alternative analysis study. Route 1 was eliminated during the public meeting process as it lied within the Polyment Mine boundary that prohibits public entry do to EPA air quality standards. Routes 2 and 3 were advanced for further study including social, economic and environmental impacts. Route 2, shown on the attached map, has been identified as the preferred route alternative. For the most part, this work was completed in February 2016 with the assistance from the US Army Corp of Engineers, MN DNR Waters & Forestry (Darwin Meyers WMA), St. Louis County and local agencies.

In year 2015 we applied for an LCCMR grant in the amount of \$1.2 million to construct the TH 135 to Embarrass trail segment. This application is for the construction of a 6 mile long trail that connects to the existing Mesabi Trail at TH 135 and ends near the Embarrass campground and fairground. This application is currently being considered by the 2016 MN Legislature. Costs were estimated based on using alternative route No 1 that did not impact wetlands or necessitate the need for floating dock or bridge rehabilitation.

#### **II. PROJECT ACTIVITIES AND OUTCOMES**

**Activity 1:** Construct 4,000 LF, 8 foot wide floating dock and rehabilitate an existing 80 **Budget: \$1,231,500** LF long steel girder bridge.

Outcome	<b>Completion Date</b>
1. Construct an 8 foot wide, 4,000 feet long floating dock across the Embarrass River	To coincided
wetland/floodplain. The choice of a floating dock is to minimize the impact to this	with the 2016
wetland by avoiding fill material and dissection of the wetland. Docks are designed to	LCCMR project (if
allow water flow under each dock section with room for animals, fishes, insects and other	awarded) but not
to pass through/under the dock. The dock minimizes the environmental footprint with	longer than
most significant impact being to vegetation. Floating docks have been successfully used	December 31,
on other trail segments in Eveleth and near Taconite.	2018.
Rehabilitate the existing Road 135 bridge that crosses over the Embarrass River. The	
bridge was constructed in year circa 1928 and has been closed to highway vehicle traffic	

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## Environment and Natural Resources Trust Fund (ENRTF) 2017 Main Proposal

**Project Title:** [Insert "Project Title" here in document header]

for many years. The bridge is located within the Darwin Meyers WMA managed by the MN DNR. MN DNR currently uses the bridge for light-duty maintenance equipment and foot travel.

The bridge is a through-truss, steel girder with a concrete deck. The bridge deck is deteriorated and needs to be replaced along with wing walls and railings. An engineering analysis has been conducted along with a report recommending repairs.

**Other Activities:** Current 2014 Legacy Grant and forthcoming 2016 LCCMR grant (if approved) will cover other project costs/work including environmental, right-of-way, engineering and construction management.

#### **III. PROJECT STRATEGY**

#### A. Project Team/Partners

St. Louis & Lake Counties Regional Railroad Authority (RRA) is project administrator and recipient of LCCMR funds. RRA works with many agencies during the planning and development process to assist with completing the work. Some of the following agencies may not be considered true "partners" but are invaluable resources for this project.

St. Louis County Environmental LGU, auditing, r-o-w and administrative assistance led by St. Louis County

Public Works Director Jim Foldesi.

Embarrass Township Public interaction and guidance led by Board Chair Gene Wright and Clerk Diane

Nelmark

Mesabi Trail Citizens advisory and advocacy group led by Chair Bob Whalen

Workgroup

MN DNR Waters Taking part in advising route selection(s) and permitting led by Amy Loiselle and staff

MN DNR Forestry Assisting with access and route selection, Mike Magnusun.

MN DNR Park & Trails Directing work, use and trail design through Darwin Meyers WMA, Paul Mauer & staff

US Fish & Wildlife Threatened species avoidance/impacts, St. Paul Office

US Corps of Engineers US Waters protection, avoidance and impact minimization, Daryl Wierzbinski

MN waters protection, avoidance and impact minimization, Lynda Peterson

MN State Historic Cultural resource protection, avoidance and impact minimization, Sarah Beimers

Preservation Office

There are many other individuals and communities involved with this project that are too numerous to mention but know who they are and are very much appreciated.

#### **B. Project Impact and Long-Term Strategy**

The Mesabi Trail long-term strategy is to complete the trail from Grand Rapids to Ely as seen on the attached map. This strategy has not changed for year 1996. Approximately 118 miles of the planned 145 mile long trail has been constructed where shown on the attached map. In year 2016 approximately 12 additional miles will be constructed within the Vermillion State Park, near Biwabik and near Bearhead State Park where shown on the attached map The attached map also indicates in "black" those sections of trail yet to be constructed. We have secured approximately\$3 million dollars to build part of the remaining trail sections and we are in need of approximately \$7 million additional dollars to complete this project.

#### C. Timeline Requirements

Timing of this project will coincide with our current 2016 LCCMR funding request (if approved) planned to begin construction summer of year 2017 and completed June 2018.

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### **2017 Detailed Project Budget**

Project Title: Mesabi Trail, Wetland Crossing and Bridged Rehabilitation for the TH 135 to Embarrass Trail Segment

Attach budget, in MS-EXCEL format, to your "2017 LCCMR Proposal Submission Form".

(1-page limit, single-sided, 10 pt. font minimum. Retain bold text and DELETE all instructions typed in italics. ADD OR DELETE ROWS AS NECESSARY. If budget item row is not applicable put "N/A" or delete it. All of "Other Funds" section must be filled out.)

### IV. TOTAL ENRTF REQUEST BUDGET [Insert # of years for project] years

BUDGET ITEM (See "Guidance on Allowable Expenses", p. 13)	<u>AMOUNT</u>
Additional Budget Items: construction of an 8 foot wide, 4,000 LF long floating dock and	\$1,231,500
rehabilitation of an 80 LF long, existing steel girdor bridge	
TOTAL ENVIRONMENT AND NATURAL RESOURCES TRUST FUND \$ REQUEST =	\$ 1,231,500

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

SOURCE OF EUROS	· · · · · · · · · · · · · · · · · · ·	Ctatus
SOURCE OF FUNDS	<u>AMOUNT</u>	<u>Status</u>
Other Non-State \$ To Be Applied To Project During Project Period: Indicate any additional non-	N/A	Indicate:
state cash dollars secured or applied for to be spent on the project during the funding period. For		Secured or
each individual sum, list out the source of the funds, the amount, and indicate whether the funds		Pending
are secured or pending approval.		
Other State \$ To Be Applied To Project During Project Period: \$330,000 2014 Legacy Grant has	\$ 1,530,000	legacy grant
been sevured for this project and is being used for envirnmental, preliminary engineering and land		secured,
aquistion, Legacy Grant expires June 30, 2016. \$1.2 million LCCMR request is currently being		LCCMR
reviewed by MN Legislature for year 2016 funding.		pending
In-kind Services To Be Applied To Project During Project Period: Indicate any additional in-kind	N/A	Indicate:
service(s) secured or applied for to be spent on the project during the funding period. For each type		Secured or
of service, list type of service(s), estimated value, and indicate whether it is secured or pending. In-		Pending
kind services listed must be specific to the project.		
Funding History: LCCMR 2005 to present \$1,000,000; and State Bond 2005 to present \$950,000;	\$ 16,374,000	
and State 1995 to 2005 \$2,500,000; and MN Legacy 2012 & 2014 \$\$842,000; and Federal		
Enhancement TAP, Trails, ARRA \$8,082,000; and Local RRA, IRRRB, SLC \$3,000,000		
Remainmaining From Current ENRTF Appropriation: year 2015 \$1.0 million	\$1,000,000	\$877,000
		unspent

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## Mesabi Trail™

From the Mississippi to the Boundary Waters

The Mesabi Trail offers an abundance of natural and outdoor experiences. Bike, hike, skate, ski, snowshoe and in some areas snowmobile, along the Trail as it

traverses over 120 miles through 28 communities. Explore historic buildings, mining artifacts, early industry and ethnic history, plus other treasures well worth the discovery. Forests teeming with wildlife can be found between rolling hills. Streams and creeks provide habitat for birds and animals. Grand heaps of earth provide man-made mountains that are becoming regrowth forests lining the edges of some of the world's largest mines. These former mines are fast becoming a linked chain of watery passageways. Come enjoy a quality guest experience in

## **Get your Mesabi Trail Wheel Pass:**

the Land of Mesabi, via the Mesabi Trail.

- · Online at mesabitrail.com
- · At any local Wheel Pass vendor
- · At self pay boxes along the Trail

## **Lodge to Lodge Bicycling**

Let us design a package to suit your style! A romantic B&B getaway, a family bike camping trip, a trip for two . . . or a trip for 20! We can help you plan lodging, luggage shuttles, box lunches and we can shuttle you and your bikes back to your vehicle.

Packages include suggestions on great places to eat, awesome overlooks, cool historical sites to visit, and practical things like convenience stores and rest stops! Hosted rides, group rides for up to 25, and sagwagon supported rides are available too.

The Mesabi Trail Shuttle Service is based at the Giants Ridge Golf and Ski Resort in Biwabik:

- · 1-800-688-7669 ext. 8025
- · 218-865-8025
- · chris.johnson@giantsridge.com

# Love the trail?

## Join the Club!

Have you fallen in love with the Mesabi Trail? Show your love by joining Club Mesabi! Membership supports the Mesabi Trail, plus you get some great perks -

like your annual wheel pass, discounts from Mesabi Trail Town merchants, on Trail merchandise and the Great River Energy Mesabi Trail Tour.

> Join the Club: mesabitrail.com 218-749-4331 PO Box 139, Virginia, MN 55792 tourinfo@mesabitrail.com

## **Rules for Conduct**

- · Wheel Pass required for ages 18 years and older using a bicycle, inline skates or other nonmotorized wheeled device.
- Passes must be displayed while on the Trail.
- The Mesabi Trail is a non-motorized trail, except snowmobiles where designated.
- Non-motorized vehicles and motorized wheelchairs shall not exceed 36" in width.
- · Keep pets on a leash no longer than 6' long
- · Holes or trenches may not be dug.
- No signs or advertisements.
- · Start fires only in officially designated fire rings, stove or grills. Do not leave a fire unattended. Be sure fire is extinguished before leaving the area.
- · No hunting, loaded weapons or alcohol.
- · Do not remove, alter, injure or destroy any tree, plant, rock, soil or mineral.
- · Camping and horseback riding are allowed only in designated areas.
- · EMERGENCY CALL 911.
- · Report all violations to the Mesabi Trail office at
- (218) 744-1388
- Audible signal when passing: "on your left"

Snowmobiles allowed within the corridor of these areas only: Grand Rapids to Hwy 61; Coleraine to connection of Taconite Trail, and; Hibbing to Buhl.

## Mesabi Trail™ Shuttle Service

Call the Mesabi Trail Shuttle Service and we'll "portage" you and/or your gear to your hotel or to the next completed trail segment - all you have to do is enjoy the ride! We can also help you plan your trip. Email us at: chris.johnson@giantsridge.com

### **Hours & Dates of Operation**

May 1-31: 10 a.m. to 4 p.m. June 1 - August 31: 9 a.m. to 6 p.m. September 1 - October 15: 10 a.m. to 4 p.m.

For more information and to make reservations: 218-865-8024 or 800-688-7669 (ext 8024 or 8025) or 218-780-4541 (cell) or 218-749-9278 (cell)

The Mesabi Trail Shuttle Service is based out of Giants Ridge Golf & Ski Resort near Biwabik

#### **Service Areas and Pricing**

Shuttle services are available to trail users from Grand Rapids to Aurora and all points in between, up to 12 bikes and passengers per trip. Prices vary with distance traveled but are packaged into two zones. For regular shuttle service, please call at least one day in advance.



Zone 2: Nashwauk-West 1Person: \$54 2 People: \$64 3 People: \$74 4 People: \$84

5 or 6 People: \$104

7+ people: Call for details

Zone 1: Nashwauk-East 1 Person: \$39 2 People: \$49 3 People: \$59 4 People: \$69 5 or 6 People: \$89 7+ people: Call for details

Due to fuel cost, printed prices are subject to change without notice. Shuttle must be booked with a credit card. Cancellations less than 24 hours prior to scheduled shuttle will be charged a 25% cancellation fee (inclement weather is an exception).

Longer distance shuttles beyond zones one and two are available with advance notice and a deposit. Group rates available for more than six people. Please call for details.

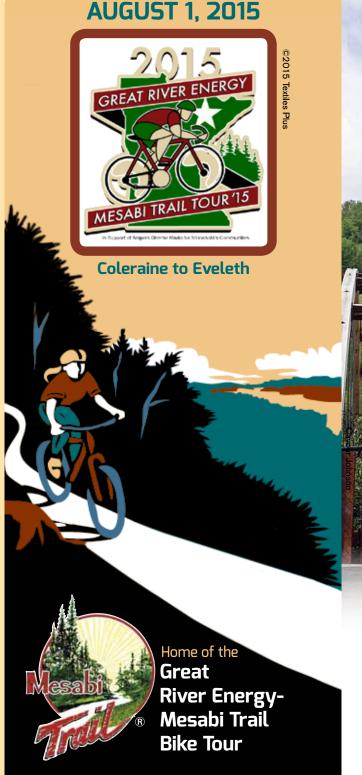
## Mesabi Trail™wheel pass vendors

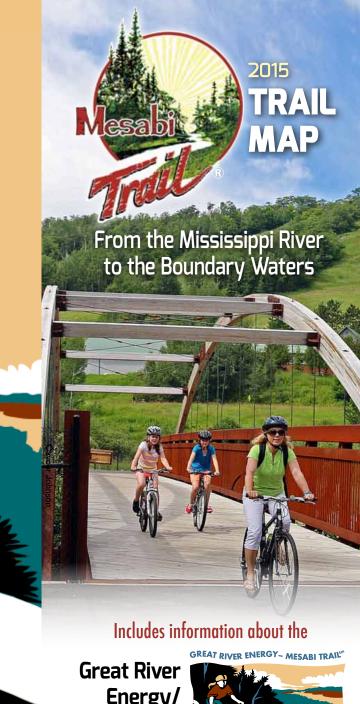
A wheel pass is required for ages 18 and over using a wheeled device such as a bicycle or inline skates. Hikers, joggers and walkers are not required to purchase a pass. Cost is \$15 for an annual and \$5 for a three-day pass. Revenue from Wheel Pass sales helps support the Mesabi Trail. Passes are available at mesabitrail.com, at any of these vendors, or at self-pay boxes along the Trail.



Towns are listed from West to East. All Numbers (218) Area Code

Grand Rapids	Itasca Trail Sports	326-1716 316 NE 4th St.
Grand Rapids	Reed Drug Store	326-3453 417 NW 1st Ave
Grand Rapids	Glen's Army-Navy Store	326-1201 701 NW 4th St.
Grand Rapids	Morning Glory B & B	326-3978 726 NW 2nd Ave
Grand Rapids	TimberLake Lodge	866-800-2200 144 SE 17th St.
Bovey	Hollywood Bait Shop	245-1612 50 County Rd 10
Marble	Ron's Korner Market	247-7351 Hwy 169
Pengilly	Swan Lake Sinclair	885-3806 31277 Hwy 65
Nashwauk	Nashwauk Little Store	885-3105 121 1st St.
Keewatin	Keewatin Sinclair	778-6140 210 N First St.
Hibbing	Bikes on Howard	262-0899 407 E Howard St.
Hibbing	HIbbing Park Hotel	262-3481 1402 E Howard St.
Hibbing	Hibbing Parks & Rec.	362-5940 400 E 23rd St.
Hibbing	Hibbing Tourism Center	262-4166 1202 E Howard St.
Hibbing	Hull-Rust Mineview	262-4900 401 Penobscott Rd.
Chisholm	Chisholm Inn & Suites	254-2000 501 Iron Dr. (Hwy 169
Chisholm	Chisholm Area Chamber	800-422-0806 223 West Lake St
Chisholm	Minnesota Discovery Center	800-372-6437 801 Hwy 169
Buhl	Buhl City Hall	258-3226 300 Jones Ave
Mtn. Iron	Spring Creek Outfitters	735-8719 8873 Main St.
Mtn. Iron	Holiday Inn Express/Suites	741-7411 8570 Rock Ridge Rd
Mtn. Iron	AmericInn Lodge & Suites	741-7839 5480 Mtn. Iron Drive
Virginia	Mesabi Recreation	749-6719 720 9th St. N
Virginia	Natural Harvest Foods	741-4663 505 3rd St. N
Virginia	The Shop Coffee House	248-8157 235 Chestnut Street
Eveleth	Iron Range Tourism Bureau	749-8161 111 Station Road
Eveleth	Super 8	744-1661 US Hwy 53
Gilbert	Sherwood Forest Cmpgnd	748-2221 301 Ore-Be-Gone Dr.
Biwabik	Biwabik City Hall	865-4183 321 Main St.
Biwabik	Giants Ridge Bike Shop	865-8024 6325 Giants Ridge Rd
Biwabik	The Villas at Giants Ridge	865-4155 6266 Giants Ridge Ro
Ely	Piragis Northwoods Co.	365-6745 105 N. Central Ave.





Energy/ Mesabi Trail **Bike Tour '15** 



# **EXPERIENCE**

Ride for the fun or for the challenge either way, mark your

calendar for August 1, 2015, when Great River Energy and the Mesabi Trail join forces in northern Minnesota to support two state traditions: recreational trails and Ampers -Diverse Radio for Minnesota's Communities. The Great River Energy Mesabi Trail Tour

'15 offers great food, music and family entertainment. Charitable proceeds will be donated to Ampers and the Mesabi Trail.

The "CenturyLink Ride" All 100k riders earn a

route is sponsored by:

# Century**Link** "special" t-shirt!

For more information, registration and event updates:

mesabitrail.com 877-637-2241

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# August 1, 2015 Color Charles on Minnesota's Premier paved bike trail!



The Great River Energy Mesabi Trail™ Tour is designed for families and serious trail riders alike. Four starting points allow riders to customize their route, from 11 to 72 miles. At the end of the day, all trails lead to Eveleth, for a picnic and concert. Whichever start point you choose, you'll encounter historic and scenic points of interest with fun stops along the way. We'll even transport you and your bike to your start point.



(72 MILES) Coleraine

The start point for the "CenturyLink Ride" is the Hodgkins-Berardo



Nashwauk 9:00 - 10:00 a.m.

Center. This is also a rest

stop, with music, food

and refreshments.

Start the 53 mile route at the Nashwauk Recreation



10:30 - 11:30 a.m. 11:00 - 12:00 noon The Community Center in Buhl is the start of the 25 mile route and is also a rest stop with music, food



Virginia **Starting Time:** 

Olcott Park and is also a rest stop with music, food and refreshments.



## The finish for all routes

is at Mesabi Station in Eveleth. Riders can catch the FREE bus shuttle here on Saturday morning to all start points. The finish line party is here with a picnic and concert.

### For more detailed schedule information: finish line in Eveleth to all start locations: mesabitrail.com or 877-637-2241

**Bicycle Transportation:** Since this is not a circular route, you will end your ride at a different location from where you start. The goal is to get your bike to your chosen start point and have your vehicle waiting for you at the finishing point. We can do it for you, or you can do-ityourself on Friday night or Saturday morning.

Rider Bus Transportation: Saturday morning from the

· 7:00 a.m. to Coleraine · 10:00 a.m. to Buhl · 8:00 a.m. to Nashwauk · 10:30 a.m. to Virginia There is no transportation of bikes/riders at the end of day.

**Entertainment:** 12:30 – 5:00 p.m. Mesabi Station in Eveleth, and at most start points. Food: Snacks and beverages at five rest stops. Picnic

dinner at Mesabi Station/11:30 a.m. to 5 p.m.



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for Minnesota's Communities

## What riders said about the 2014 tour:

"Best Ride in Minnesota."

"A number one, class act event"

"A delightful tour. Done top notch year in and year out

## **Great River Energy** Mesabi Trail<sup>™</sup> Tour '15 in support of

Ampers and THE MESABI TRAIL™ A Great Deal for a Great Cause

To register online, and for more information mesabitrail.com

or toll free: 877-637-2241

**Registration Fees: AFTER JULY 22, 2015** Individual: \$ 60.00 Individual: \$ 45.00 \$ 90.00 Couple: \$ 90.00 Family: \$ 120.00 Family:

## Kids 18 and under ride free when accompanied by an adult. **ŪJoin Club Mesabi**∫ and SAVE 10%

Contact Club Mesabi at 218-749-4331 about group discounts including – scout troops, church groups, bike clubs, family reunions or workplace wellness programs

**SUPPORTING SPONSORS** 











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**TRAILS** 

TASK FORCE























THRIVENT

ENRTF ID: 176-G





### Project Manager Qualifications for ENRTF 2016 Proposal

Project manager is Robert Manzoline, Executive Director of the St. Louis & Lake Counties Regional Railroad Authority, hereafter referred to as the "Rail Authority".

Rail Authority has been working on the development of the Mesabi Trail since year 1995 and has constructed 110 miles of the trail thus far. Another 7 miles of the Mesabi Trail is planned for construction in year 2015.

The project, TH 135 to Embarrass segment of the Mesabi Trail is very similar to most other segments of the Mesabi Trail constructed to date. The Rail Authority is experienced with all aspects of this project including public involvement, agency contacts, environmental, engineering, construction and budgets and funding.

The Rail Authority has worked with many grant agencies over the years including LCCMR, MN State Bond, MN Legacy, MN DEED, MN IRRB and Federal Enhancement, TAP and Recreational Trails grants. Mesabi Trail grants have totaled in excess of \$10 million dollars.

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