



## General

This section provides the basic information about the park or trail and the organizations responsible for it.

<b>Park/Trail ID #</b> 16-015D	<b>Funding Application</b> 17-0096-F	<b>Park/Trail Name</b> Proctor Hermantown Munger Trail Spur
<b>Last Update</b> July 31, 2017		
<b>District</b> 1	<b>Project Name</b> Proctor Hermantown Munger Trail Spur	

### Project Description

The Proctor-Hermantown Munger Trail Spur will be a regional destination trail linking the communities of Proctor and Hermantown to the Munger State Trail and Duluth's trail system. The Munger Trail Spur would be a 16 mile, 10 foot wide paved trail and would be a unique regional resource as there are no paved trails above the ridge line today. In addition, Canosia Township which lies to the north of Hermantown is proposing their own trail segment which would hook into the proposed Munger Trail Spur. The trail will connect numerous destinations and activity centers within Proctor, Hermantown and Duluth including schools, parks, city halls/community centers, downtown business areas and the recently funded Regional Wellness Center to be built in 2018/2019 in Hermantown. In addition to the Munger State Trail, the proposed trail will connect to Spirit Mountain Recreation Area, the 300 mile Superior Hiking Trail, Duluth's Lakewalk, Cross City and Duluth Traverse trails creating a variety of recreational loop opportunities. The trail will highlight the communities' natural features including four creeks, northern hardwood forests, wetland areas and a variety of natural and active parks. The proposed trail route travels from the northern portion of Hermantown, starting at the Hermantown schools campus and the future Regional Health and Wellness Center being constructed in 2018/2019, the trail runs just north of Fichtner Fields Park and then east to the Hermantown City Hall area, the Lightning Drive Industrial Park area then to Stebner Park and the Hermantown Marketplace. From there, the trail alignment travels south to Keene Creek Park and then west along the Hermantown/Proctor municipal border to St. Louis River Road. In Proctor, the trail alignment heads south to the future North Proctor Park and then south to downtown Proctor, the Proctor Schools and Proctor Community Center. From there, the trail goes through south Proctor to Spirit Mountain via the Kirkus Street bridge over the rail line and the Ugstad Road underpass of I-35, then down the ridge through Spirit Mountain Recreation Area to Duluth's Cross City Trail and the Munger State Trail. The proposed Munger Spur Trail will provide a link to the greater system of trails that currently exist within the City of Duluth as well as provide access to the north shore and to the south as far as Hinckley. With the addition of the proposed trail system in Canosia Township

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which lies to the north of Hermantown, the Munger Spur Trail has the ability to provide non motorized connections to thousands of people in this region. This funding application is for is for two portions of the trail totaling 2.63 miles which are connected by the City's existing sidewalk system. The first section is for 0.43 miles of the 16 mile overall trail system and is proposed to provide connection from the Arrowhead Regional Wellness Center/Hermantown Schools Campus to the existing sidewalk system along Ugstad Road will provide connection to Fichtner Field Park and numerous existing residents in this area. The existing sidewalk system eventually connects to Stebner Park where trail users can then again access the Munger Trail Spur in order to reach Keene Creek park in the southeastern portion of the City. The second portion of the funding request is for a 2.2 mile segment which will provide a continuous connection from Keene Creek Park to Stebner Field Park at a distance of approximately 2.2 miles and will link multi-family developments (both existing and proposed) to these two park areas. In addition, these trail segments will provide a connection to the Hermantown Marketplace as well as provide a connection to 300 acres of development land which will be receiving sanitary sewer connection by the fall of 2019 and thus aid its development to multiple future residents.

### **Project Area Maps**

[http://dms.gmrptcommission.org/uploads/funding/17-0096-F/Regional Context Map\\_be3faf.JPG](http://dms.gmrptcommission.org/uploads/funding/17-0096-F/Regional Context Map_be3faf.JPG)

<b>Organization</b> City of Hermantown	<b>Lead Contact</b> <b>Full Name</b> Eric Johnson	<b>Lead Contact</b> <b>Title</b> Community Development Director
<b>Mailing Address</b> 5105 Maple Grove Road	<b>City</b> Hermantown	<b>State</b> Minnesota
<b>Zip</b> 55811	<b>Phone</b> 218-729-3618	<b>Email</b> eric.johnson@hermantownmn.com

## **Funding**

### **Legacy Pillars:**

- Connect People and the Outdoors
- Acquire Land and Create Opportunities
- Coordinate Among Providers

## **Project Outcomes**

### **Connection to Pillars**

The Proctor-Hermantown Munger Trail Spur addresses the pillars in the following manner:

**Connect People with the Outdoors:** The Proposed Munger Trail Spur will be a regional destination recreational trail that accommodates multiple non-motorized uses including walking, jogging, hiking, bicycling, inline skating and cross country skiing. There are many public trail opportunities in Duluth, but there is a gap above the ridgeline in Hermantown, Proctor and connecting communities. The proposed trail corridor is intended to offer a high quality natural, scenic trail experience. The trail will provide a high quality experience as a primarily off-road recreational corridor through diverse landscapes including natural, rural and urban. As

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a continuous trail that will be approximately 16 miles in length and will link the communities of Hermantown, Proctor and Duluth as well as provide opportunities by linking trail users to the Munger Trail as well as north shore trails, it is intended to function as both a regional destination trail and a local connector trail.

**Acquire Land and Create Opportunities:** Along the entire 16 mile trail alignment there are 58 private parcels with existing utility or roadway easements and seven (7) private parcels with no existing easements on which to coordinate land protection (not including the potential future Duluth segment and the interim alignment in south Proctor). In addition, there are three (3) railroad crossings (two in Proctor and one in Duluth) that all utilize existing road crossings or underpasses in order to lessen the conflict with the rail uses.

The City of Hermantown is currently undertaking a trunk sanitary sewer line extension which parallels 1.5 miles of the Munger Trail Spur. As part of the easement acquisition, the City will be acquiring the ability to construct a trail within this easement area as well. Easement acquisition will be starting in the fall of 2017. The City has entered into a contract with a company who will be coordinating the easement acquisitions and anticipates using this company in the future for the associated easements for the Munger Trail Spur.

In addition, the City of Hermantown has recently acquired a privately owned parcel in the Keene Creek Park area which now allows the City to have a contiguous connection of City owned property of over 1 mile in length. The City is currently undertaking field work to identify a trail corridor and will begin with clearing during the winter of 2017/2018 and then work with a local trail group for the installation of a soft surface trail along this alignment in the summer of 2018.

**Coordinate among Providers:** The City is planning on pursuing a Community Development Block Grant for the trail segment which links Stebner Road to Stebner Park. This 1/2 mile trail segment would provide an accessible route to the park from the multi-family housing development NW of the park. This trail would continue through Stebner park and meet up with the trail segment which overlays the sanitary sewer trunk line extension.

In addition, the City of Hermantown is currently undertaking a trunk sanitary sewer line extension which parallels 1.5 miles of the Munger Trail Spur. As part of the easement acquisition, the City will be acquiring the ability to construct a trail within this easement area as well. Easement acquisition will be starting in the fall of 2017. As part of this trunk line work, a gravel trail will be overlaid within the easement and will serve as the base for the future bituminous trail surface. This project is being paid for with City of Hermantown utility funds.

## **Connection to Regional Values**

Inherent to a regional destination trail is its ability to link recreation destinations and activity centers. The Proctor-Hermantown Munger Trail Spur will be a regional destination trail linking the communities of Proctor and Hermantown to the Munger State Trail and Duluth's trail system. In addition, it will connect to most of the major destinations within these communities including the following: In Hermantown - Regional Health and Wellness Center, Fichtner Field Park, City Hall Complex, the Hermantown Marketplace, Stebner Park and Keene Creek Park . In Proctor - Future North Proctor Park, South St. Louis County Fairgrounds, Egerdahl Field, Klang Park, downtown Proctor, Proctor Schools and the Community Center. In Duluth - the Munger State Trail, Spirit Mountain Recreation Area, 300- mile Superior Hiking Trail, Duluth's Lakewalk, Cross City, and Duluth Traverse trails. The trail route will highlight the communities' natural features, including four creeks, northern hardwood forests, wetland areas, and a variety of natural and active parks as well as creating a variety of recreational loop opportunities.

## **Project Readiness**

### **Project Lead**

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The City of Hermantown has been studying this proposed trail extensively during the past year. City of Hermantown staff has been looking at the ability to phase the Munger Spur Trail portion that runs through its City limits. The City has prepared a trail segment map and associated cost estimate which identifies trail costs such as materials, easements, bridges as well as potential funding sources.

The City of Hermantown has had initial conversations with Canosia Township which lies to the north of Hermantown about their plans for a trail system that would eventually connect to the City's northern boundary. It is Canosia's goal to connect to the future Regional Wellness Center which received bonding this 2017 session and is envisioned to be completed in the spring of 2019. This connection with Canosia would extend the 16 miles being planned as part of the Munger Trail Spur and would further link this area to the trail systems that exist within the City of Duluth.

In addition, the City of Hermantown is currently undertaking a trunk sanitary sewer line extension which parallels 1.5 miles of the Munger Trail Spur. As part of the easement acquisition, the City will be acquiring the ability to construct a trail within this easement area as well. Easement acquisition will be starting in the fall of 2017.

The City has also had numerous discussions with the Cities of Proctor and Duluth as well as Canosia Township regarding their trail plans and development opportunities within each community.

### **Implementation Timeline**

City of Hermantown staff has been looking at the ability to phase the Munger Spur Trail portion that runs through its City limits. The City has prepared a trail segment map and associated cost estimate which identifies trail costs such as materials, easements, bridges as well as potential funding sources. This timeline identifies specific dates and construction activities associated with the trail segments that run throughout Hermantown. In addition, Hermantown City staff has had discussions with Proctor, Duluth and Canosia Township regarding their trail, park and development plans.

This timeline identifies multiple trail segments throughout the Hermantown City limits and outlines the timeline and associated construction activities for each year.

#### **Munger Trail Spur Trail Segment and Timeline Plan**

Segment #11: Summer 2017 – identify alignment  
Winter 2017 – clear and brush trail alignment  
Summer 2018 – work with trails group to install woodchip path  
2019 and beyond – Install gravel and bituminous as money becomes available

Segment #5: Summer/Fall 2017 – tree planning along path corridor  
Fall 2017 – apply for CDBG funding  
Winter 2017 – construction documents  
Summer 2018 – full buildout of trail segment

Segments #6 : Summer 2017 - identify alignment  
and #7 Winter 2017 – construction documents  
Fall 2018 to summer 2019 – full buildout of trail segment in conjunction with trunk sanitary sewer

Segment #1: Spring 2018 – construction documents  
Fall 2018 – full buildout of trail segment in conjunction with Wellness Center

Segment #2: Summer 2018 – identify alignment  
Winter 2018 – clear and brush trail alignment  
Summer 2019 – work with trails group to install woodchip path  
2019 and beyond – Install gravel and bituminous as money becomes available

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Segment #3: Summer 2018 – identify alignment  
and #4 Winter 2018 – clear and brush trail alignment  
Summer 2019 – work with trails group to install woodchip path  
2019 and beyond – Install gravel and bituminous as money becomes available

Segment #9: Summer 2019 – identify alignment  
Winter 2019 – clear and brush trail alignment  
Summer 2020 – work with trails group to install woodchip path  
2020 and beyond – Install gravel and bituminous as money becomes available

Segment #8: Summer 2019 – identify alignment in coordination with developer  
Summer 2019 – work with trails group to install woodchip path  
Summer 2020 – full buildout of trail segment in conjunction with Developer

Segment #10: Summer 2020 – construction documents  
Summer 2021 – full buildout of trail segment in conjunction with roadway work

Segment 12: Summer 2020 – identify alignment  
Winter 2020 – clear and brush trail alignment  
Summer 2021 – work with trails group to install woodchip path  
2021 and beyond – Install gravel and bituminous as money becomes available

Segment 13: Summer 2020 – identify alignment  
Winter 2021 – clear and brush trail alignment  
Summer 2021 – work with trails group to install woodchip path  
2021 and beyond – Install gravel and bituminous as money becomes available

### **Design Standards**

As part of the master planning process, a local engineering company was retained to look at the design standards associated with the trail design. The company looked at a number of items including the following: Pavement width and type, clear and recovery zones, drainage, steep grades, bridge design, water crossings, existing and proposed roadway crossings as well as railway crossings.

The trail will be designed as a 10-foot wide paved regional trail that meets the Trail Planning, Design, and Development Guidelines of the Minnesota Department of Natural Resources (MN DNR). Additional width may need to be added at sections where geometrics or hazards require additional space for safety concerns. It also may be necessary in certain conditions to provide a separation between bicycle and pedestrian traffic which would require additional width. The trail will provide a high-quality experience as a primarily off-road recreational corridor through diverse landscapes, including natural, rural, and urban. As a continuous trail that will be approximately 16 miles in length, it is intended to function as both a regional destination trail and a local connector trail. The trail will be designed as a fully accessible ADA compliant regional trail for people of all ages and with physical limitations.

### **Project Cost Breakdown**

The City of Hermantown is requesting a grant of \$840,000.00 for the construction of the following items:

\$145,000 - 2300 linear feet of bituminous trail connection from the proposed (spring 2019 opening) Arrowhead Regional Wellness Center and Hermantown Schools Campus to the intersection of Lavaque Junction and Ugstad Road. There is an existing sidewalk at this location which connects to Fichtner Fields Park. This section is primarily within the City right of way.

\$155,000 - bituminous paving of the 2975 linear foot section of trail associated with the Hermantown sanitary

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sewer trunk line extension. The City will have already cleared and installed a class 5 base along this trail segment. This segment will provide access to Stebner Park from the south to Anderson Road and will connect into the trail segment that is planned to be funded by a Community Development Block Grant and eventually connect to Stebner Road and provide access to the Hermantown Marketplace and existing multi-family residential developments. This section also plans for three pedestrian bridge crossings at the cost of \$105,000.

\$115,000 - 1600 linear feet of full trail construction from Anderson Road through a private development area which is planned for a multi-family development. This section parallels Keene Creek and wetland areas.

\$200,000 - 2300 linear feet of full trail construction and easement acquisition from Hermantown Road to Okerstrom Road. This section is anticipated to have one bridge crossing and multiple boardwalk areas as there are numerous wetlands in this segment.

\$150,000 - 2400 linear feet of full trail construction and easement acquisition from Okerstrom Road to Morris Thomas Road. This section is anticipated to be both in the public right of way as well as on private land with the potential for multiple boardwalk areas as there are numerous wetlands in this segment.

\$75,000 - 2300 linear feet of full trail construction (minus clearing which will be performed by the City) from Morris Thomas Road to Keene Creek Park with its future dog park and existing soft surface system of trails and cross county ski trails. This entire segment is projected to be \$175,000, however the City is anticipating utilizing \$100,000 from park dedication fees for this trail segment as well.

This work will provide a continuous connection from Keene Creek Park to Stebner Field Park at a distance of approximately 2.2 miles and will link multi-family developments (both existing and proposed) to these two park areas. In addition, these trail segments will provide to connection to the Hermantown Marketplace as well as provide a connection to 300 acres of development land which will be receiving sanitary sewer connection by the fall of 2019 and thus aid its development to multiple future residents.

The proposed segment linking the Arrowhead Regional Wellness Center/Hermantown Schools Campus to the existing sidewalk system along Ugstad Road will provide connection to Fichtner Field Park and numerous existing residents in this area. The existing sidewalk system eventually connects to Stebner Park where trail users can then again access the Munger Trail Spur in order to reach Keene Creek park in the southeastern portion of the City.

## Funding Request Breakdown

Please use valid currency formats (e.g. \$100,000/100,000/100000)

### Grant Funding Request

\$840,000

#### Local Match #1

\$100,000

#### Funder #1

0

#### Local Match #2

\$300,000

#### Funder #2

0

#### Local Match #3

\$135,000

#### Funder #3

0

#### Local Match #4

#### Funder #4

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0

0

**Local Match #4**

**Funder #5**

0

0

**Non-Eligible Local Match**

0

**Non-Eligible Item Description**

Not applicable.

**Total Funding**

\$1,375,000

**Percentage of local match**

0.39

**Completion Timeframe**

June 2020

**Funder #1**

City of Hermantown

**Funder #1 Resolutions**

[http://dms.gmrptcommission.org/uploads/funding/17-0096-F/2017 Approving Grant from GMPTC for Munger Trail Spur Connection\\_b65c64.pdf](http://dms.gmrptcommission.org/uploads/funding/17-0096-F/2017%20Approving%20Grant%20from%20GMPTC%20for%20Munger%20Trail%20Spur%20Connection_b65c64.pdf)

<http://dms.gmrptcommission.org/uploads/funding/17-0096-F/>

**Funder #2**

N/A

**Funder #3**

N/A

**Funder #4**

N/A

**Funder #5**

N/A

## Attachments

Doc Name	Description	Url
Project Area Map		<a href="http://dms.gmrptcommission.org/uploads/funding/17-0096-F/Regional%20Context%20Map_be3faf.JPG">http://dms.gmrptcommission.org/uploads/funding/17-0096-F/Regional Context Map_be3faf.JPG</a>
Additional Attachment		<a href="http://dms.gmrptcommission.org/uploads/funding/17-0096-F/">http://dms.gmrptcommission.org/uploads/funding/17-0096-F/</a>
Additional Attachment		<a href="http://dms.gmrptcommission.org/uploads/funding/17-0096-F/Table%205-11%20Operations%20and%20Maintenance%20Cost%20Estimates_54a0dc.JPG">http://dms.gmrptcommission.org/uploads/funding/17-0096-F/Table 5-11 Operations and Maintenance Cost Estimates_54a0dc.JPG</a>

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Additional Attachment	<a href="http://dms.gmrptcommission.org/uploads/funding/17-0096-F/5-3-17MungerTrailSpurProposedTimeline_51aba4.pdf">http://dms.gmrptcommission.org/uploads/funding/17-0096-F/5-3-17Munger Trail Spur Proposed Timeline_51aba4.pdf</a>
Additional Attachment	<a href="http://dms.gmrptcommission.org/uploads/funding/17-0096-F/">http://dms.gmrptcommission.org/uploads/funding/17-0096-F/</a>
Additional Attachment	<a href="http://dms.gmrptcommission.org/uploads/funding/17-0096-F/ProjectedTrailCosts_2da912.pdf">http://dms.gmrptcommission.org/uploads/funding/17-0096-F/Projected Trail Costs_2da912.pdf</a>
Additional Attachment	<a href="http://dms.gmrptcommission.org/uploads/funding/17-0096-F/">http://dms.gmrptcommission.org/uploads/funding/17-0096-F/</a>
Additional Attachment	<a href="http://dms.gmrptcommission.org/uploads/funding/17-0096-F/TrailSegmentMap_76b7a5.pdf">http://dms.gmrptcommission.org/uploads/funding/17-0096-F/Trail Segment Map_76b7a5.pdf</a>
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Additional Attachment	<a href="http://dms.gmrptcommission.org/uploads/funding/17-0096-F/PotentialLandAcquisition-EasementCosts_6ffa4a.JPG">http://dms.gmrptcommission.org/uploads/funding/17-0096-F/Potential Land Acquisition-Easement Costs_6ffa4a.JPG</a>
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Additional Attachment	<a href="http://dms.gmrptcommission.org/uploads/funding/17-0096-F/MungerTrailSpurProposedAlignment_ecc5f0.JPG">http://dms.gmrptcommission.org/uploads/funding/17-0096-F/Munger Trail Spur Proposed Alignment_ecc5f0.JPG</a>
Additional Attachment	<a href="http://dms.gmrptcommission.org/uploads/funding/17-0096-F/">http://dms.gmrptcommission.org/uploads/funding/17-0096-F/</a>
Funder Resolution One	<a href="http://dms.gmrptcommission.org/uploads/funding/17-0096-F/2017ApprovingGrantfromGMPTCforMungerTrailSpurConnection_b65c64.pdf">http://dms.gmrptcommission.org/uploads/funding/17-0096-F/2017 Approving Grant from GMPTC for Munger Trail Spur Connection_b65c64.pdf</a>
Funder Resolution One	<a href="http://dms.gmrptcommission.org/uploads/funding/17-0096-F/">http://dms.gmrptcommission.org/uploads/funding/17-0096-F/</a>