

Great Northern Regional Trail

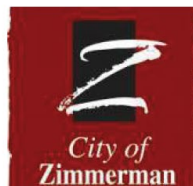
Partnership Overview & Legacy Grant Proposal



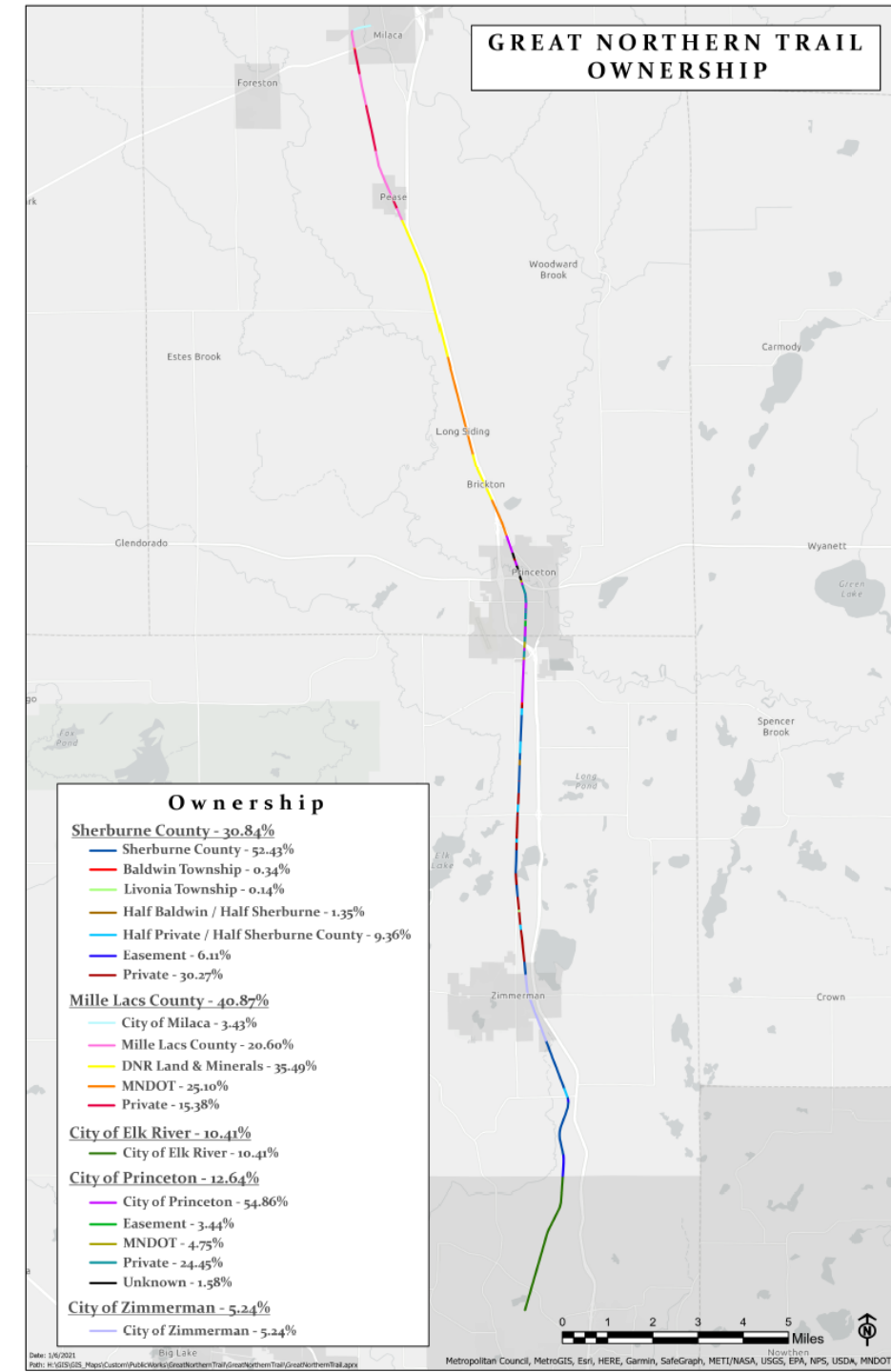
Great Northern Regional Trail Partnership



- Shared Amenity
- 5 Agencies
- Multiple Stakeholders



Partnership Committee Members



Great Northern Regional Trail Partnership MOU

- Established in 2020
 - Master Plan
 - Pursue Regional Designation
- Updated in 2023
 - Grant funding
 - Support implementation of Master Plan
 - Recommendations
 - Regulatory consistency
 - Maintenance standards
 - Guidelines for trail closures
 - Equitable cost participation
 - Easements/Fee title



The Great Northern Trail Master Plan

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August 2022

2024 Legacy Grant Proposal

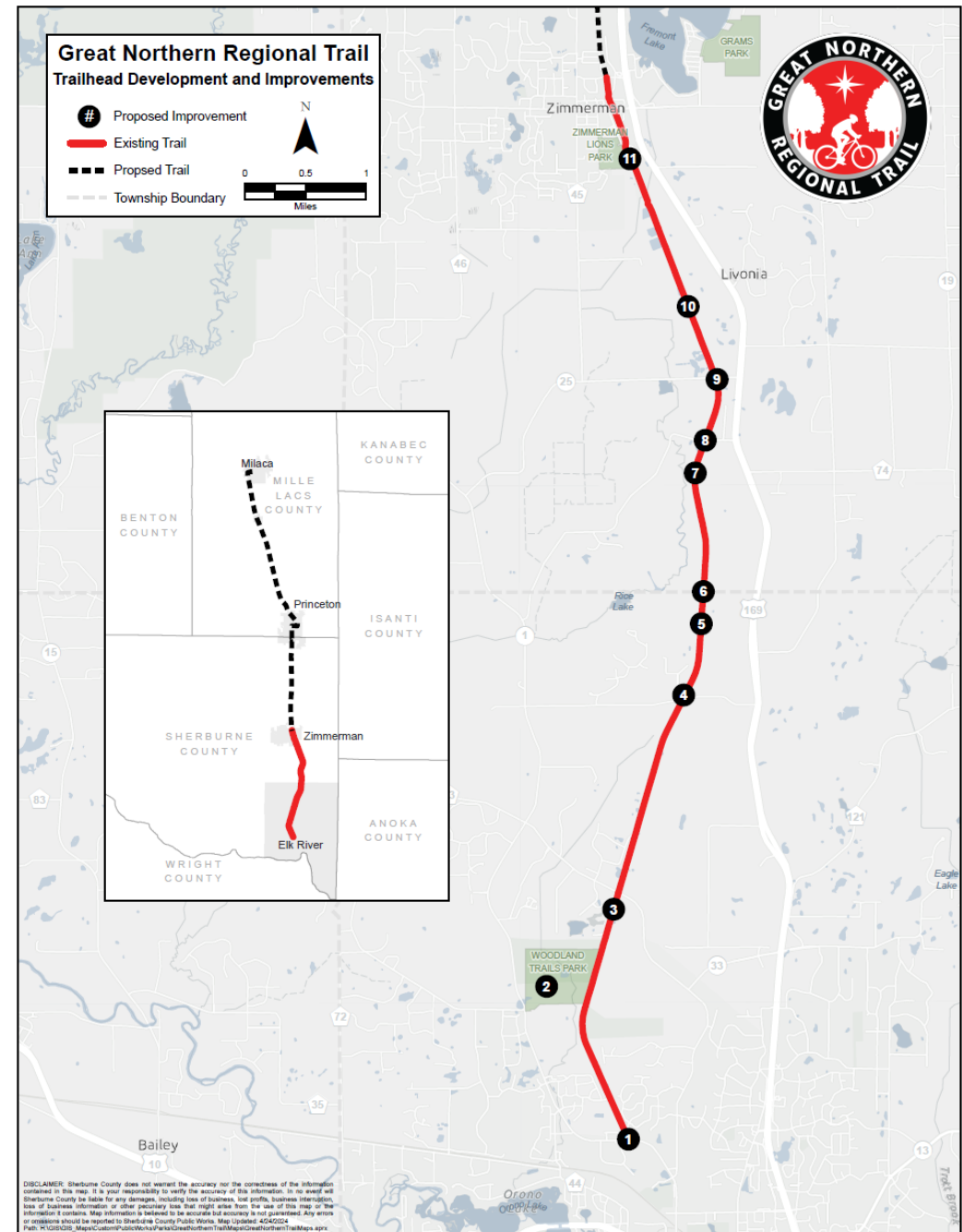
- **12 Features**

- Refine Branding
- Trailhead Features
- Interpretive Opportunities
- Trailside Amenities

- **2025-26 Design**

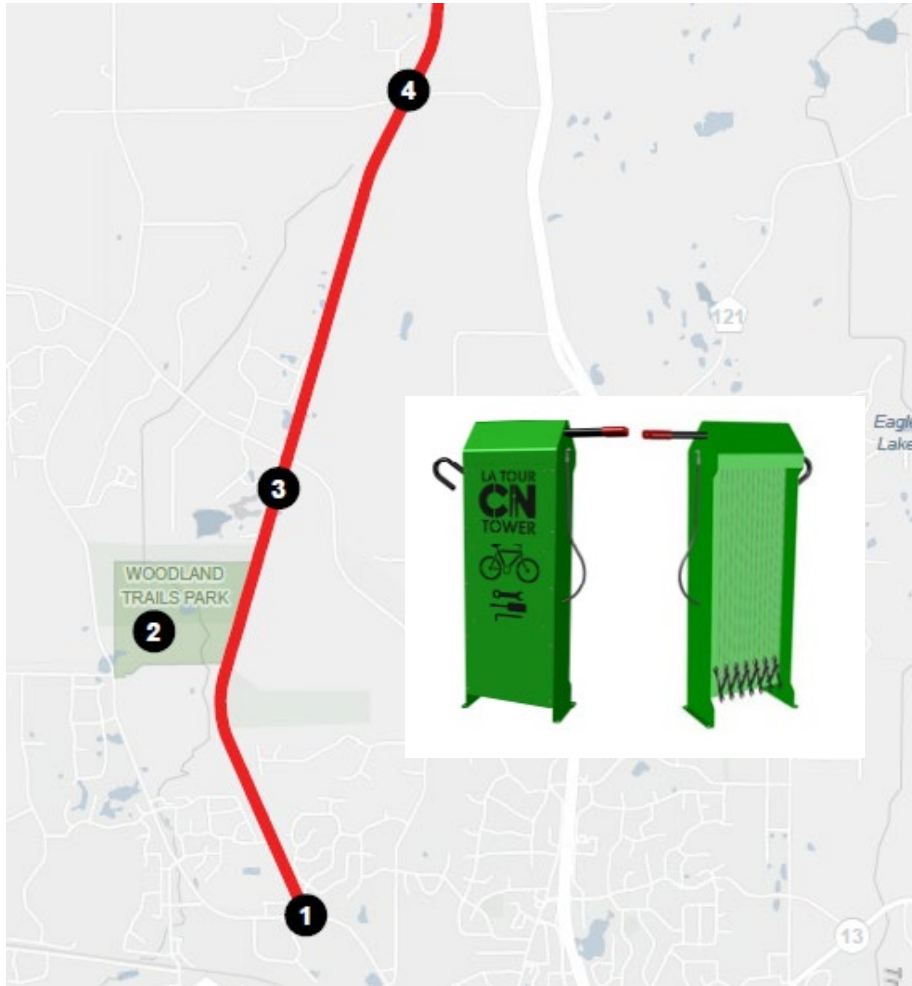
- **Public Engagement**
 - **Branding/logo**
 - **Options for south trailhead**

- **2027 Construction**



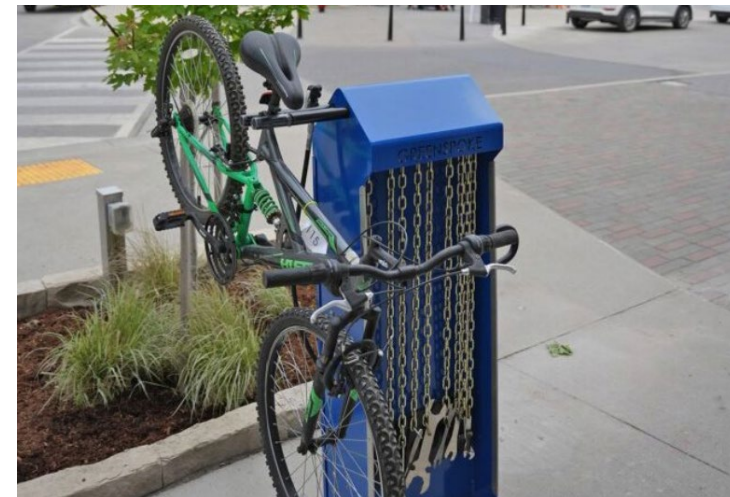


Feature 1 – South End Near Meadowvale School



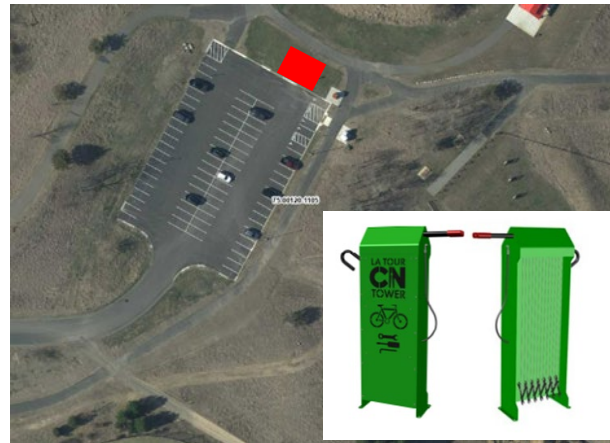
Design & Construct:

- Bike Repair Station



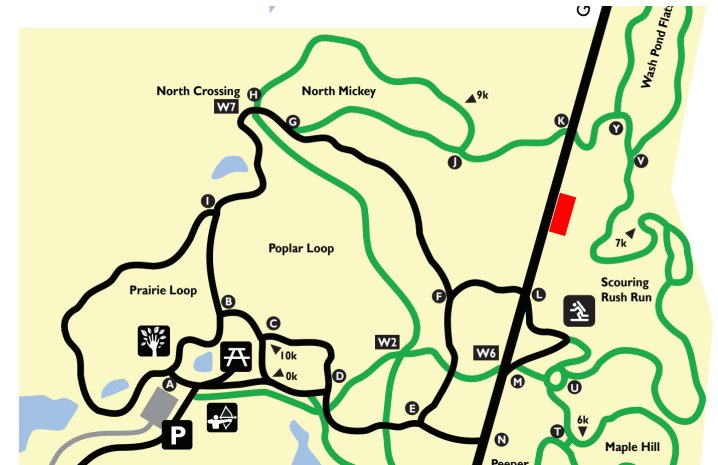


Feature 2 – Woodland Trails Regional Park



Design & Construct

- Bike Repair Station
- Bench with concrete pad

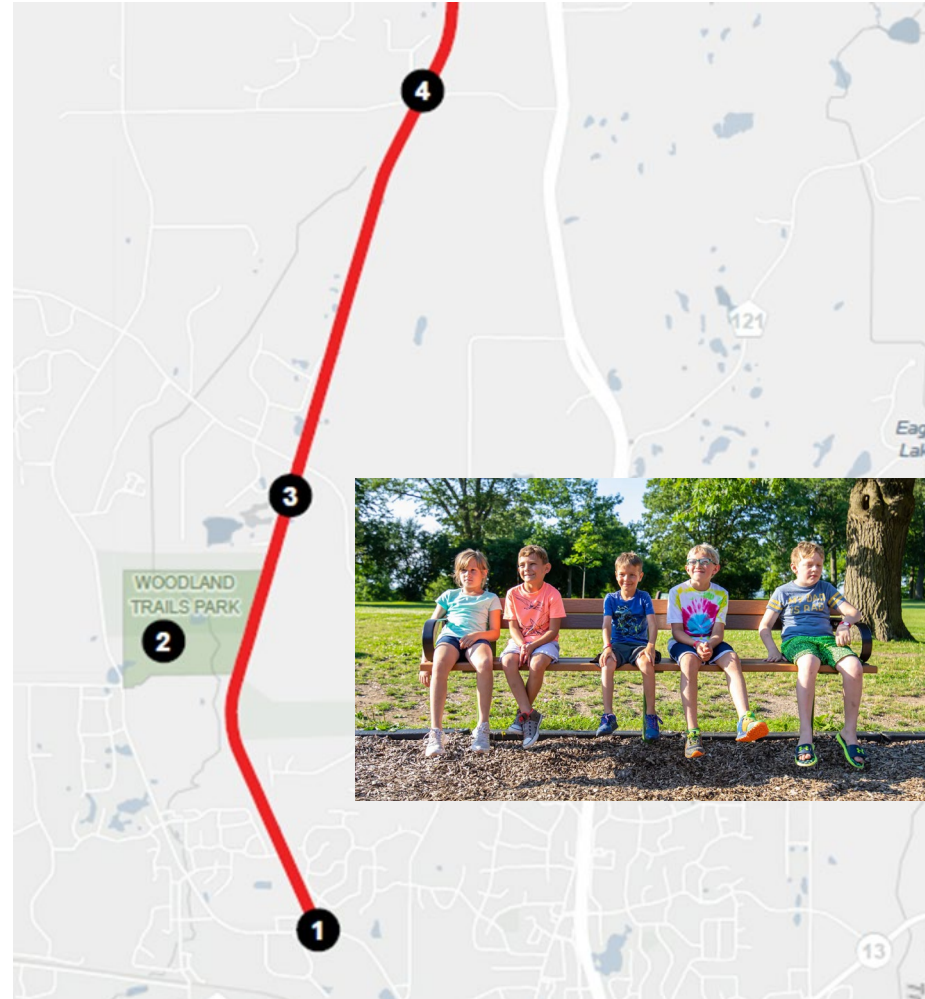




Feature 3 – CR 33 & Watson

Design & Construct

- Portable Screen with concrete pad
- Bench with concrete pad

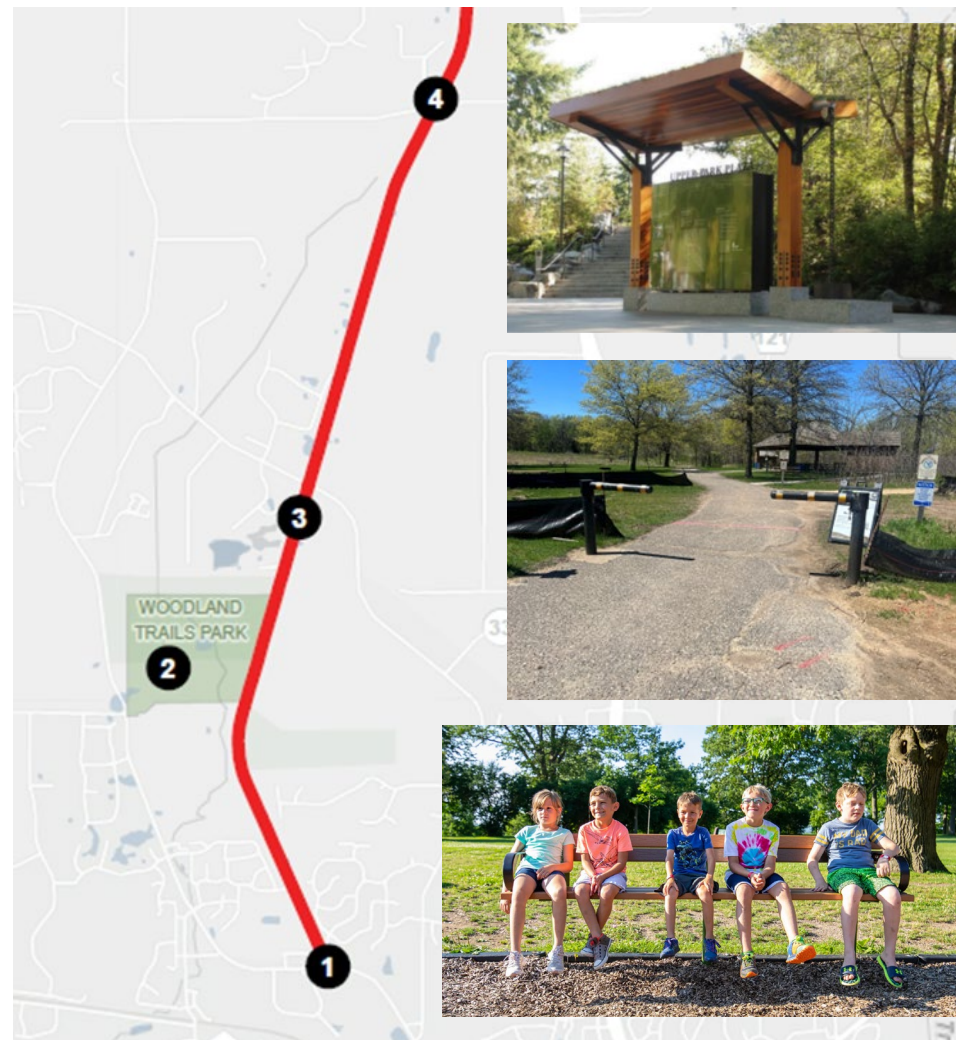




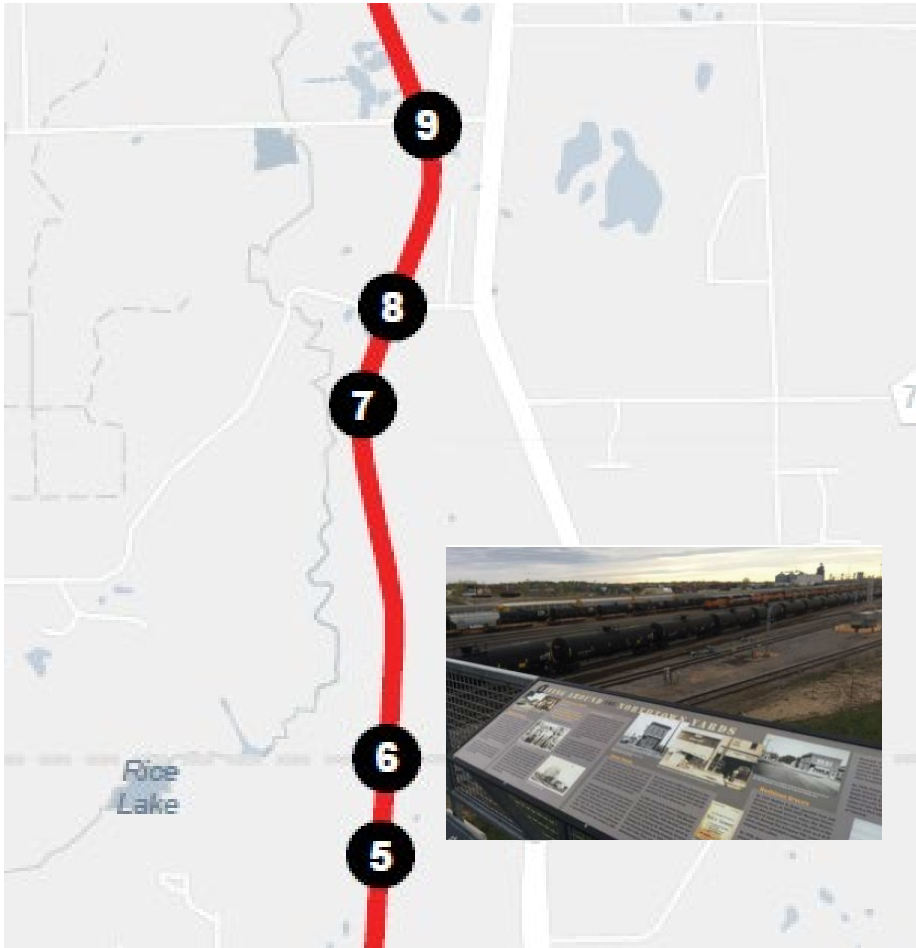
Feature 4 – 221st Ave Parking Lot

Design & Construct:

- GNRT Trailhead Sign
 - Map
 - Information
- Hi-viz - ADA Width Limiter Gates
- Bench with concrete pad



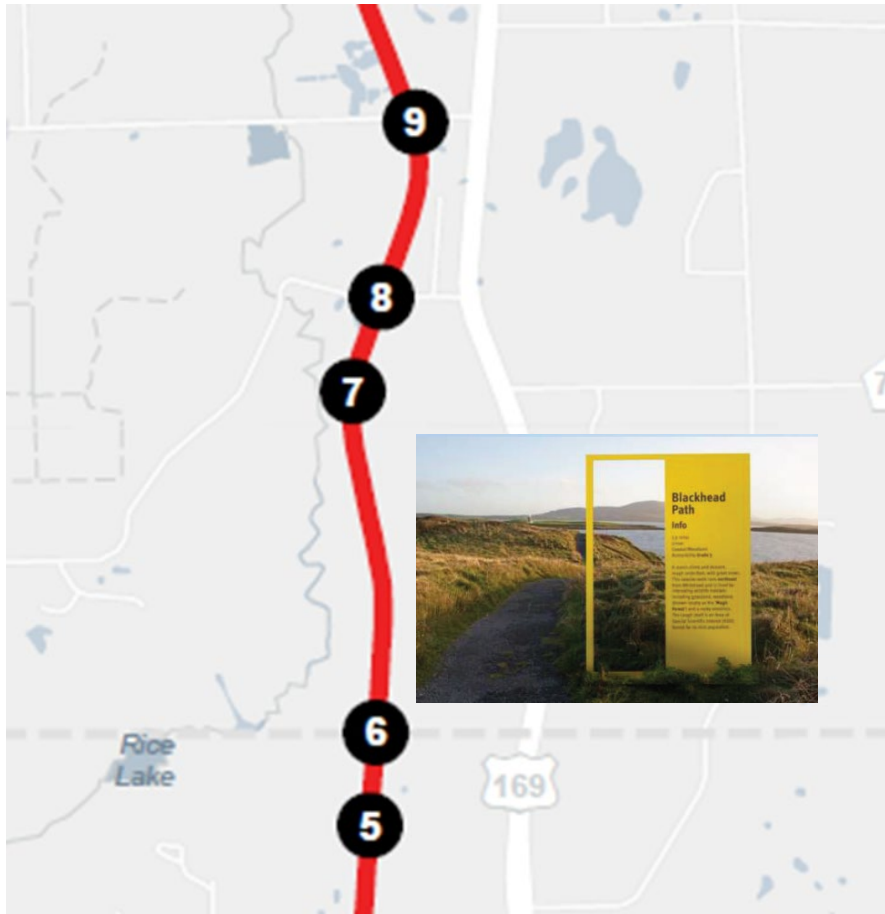
Feature 5 – North of 221st



Design & Construct:

- Interpretive Panel - *Landfill*

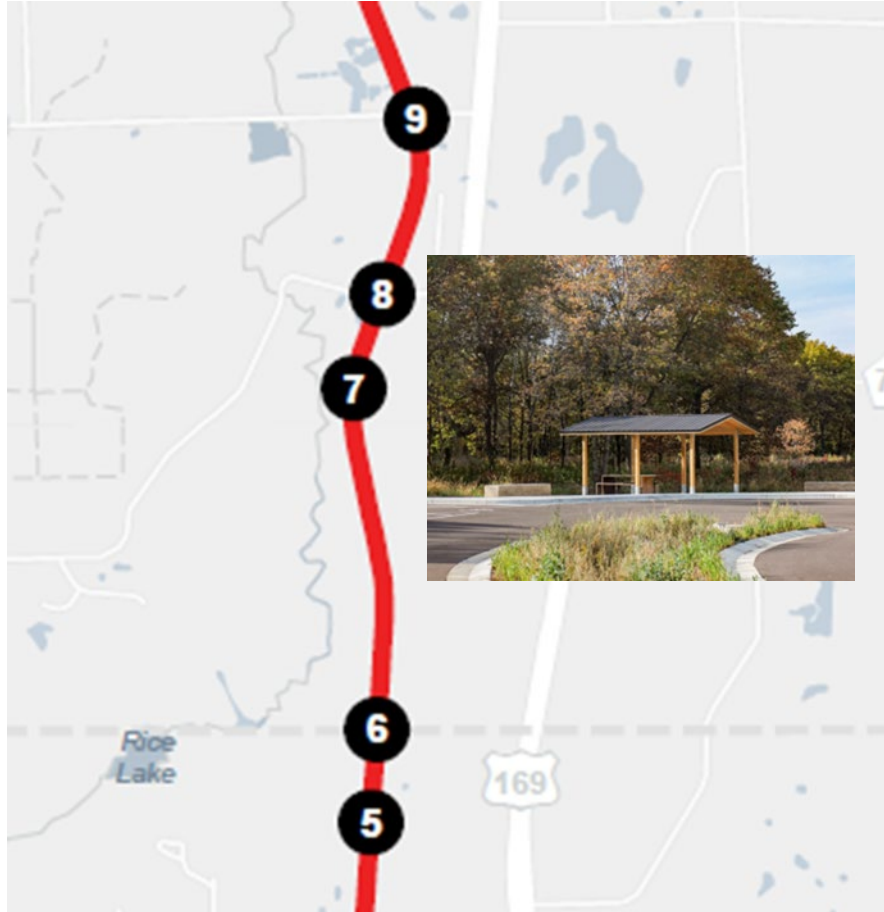
Feature 6 – 4 ¾ Mile Marker



Design & Construct:

- Interpretive Sign - *Tamarack Bog*

Feature 7 – North of the Overlook



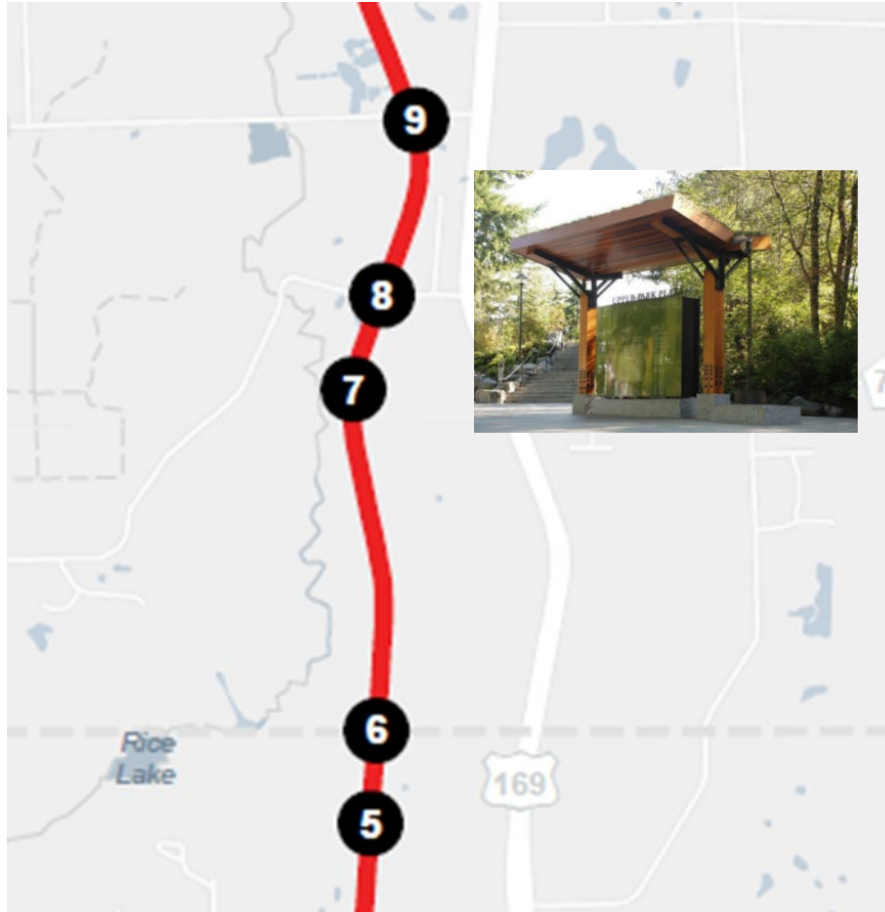
Design & Construct

- Shade Structure
- Picnic Table
- Trash Receptacle





Feature 8 – 239th Avenue

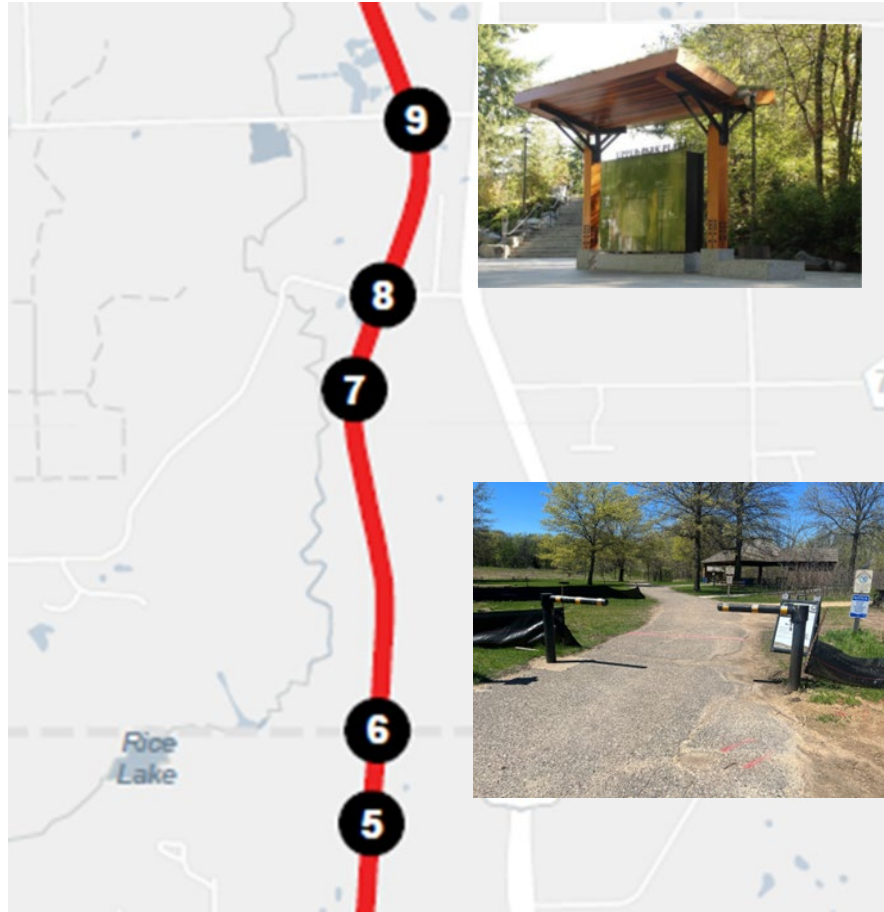


Design & Construct:

- GNRT Trailhead Sign
- Map
- Information
- ADA Width Limiter



Feature 9 – CSAH 25 Parking Lot

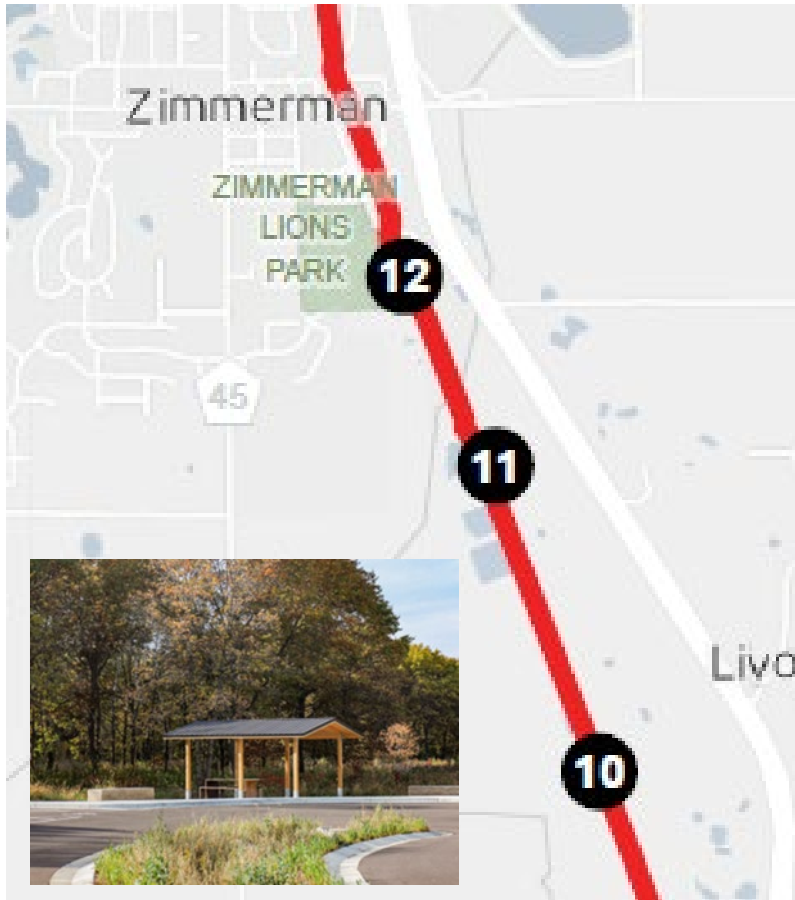


Design & Construct:

- GNRT Trailhead Sign
- ADA Width Limiters
- Portable Screen
- Benches



Feature 10 – South of Zimmerman



Design & Construct

- Shade Structure
- Picnic Table
- Interpretive Feature
- Trash Receptacle



Great Northern Railroad Network



Princeton Depot

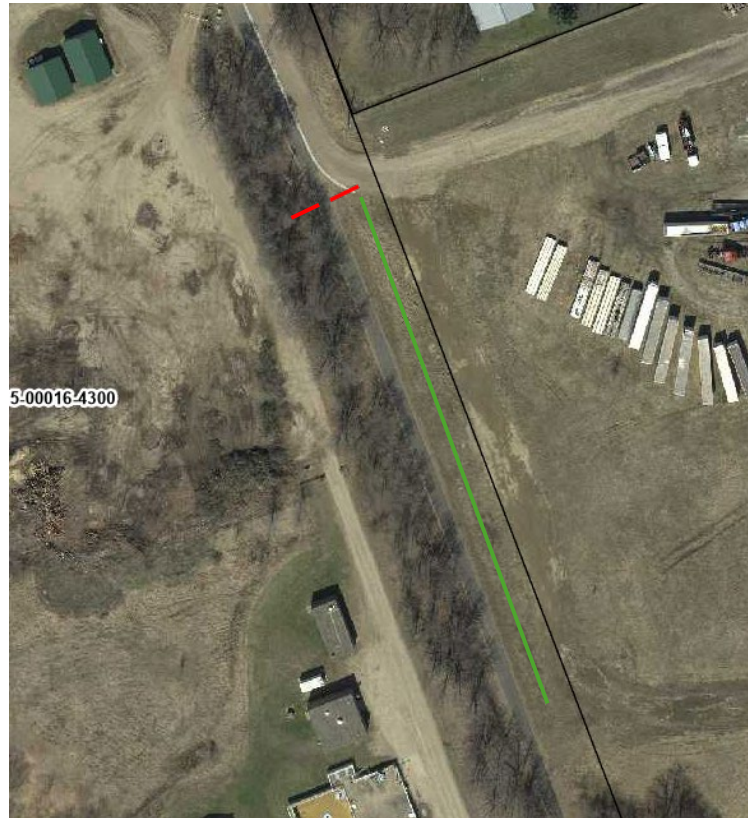
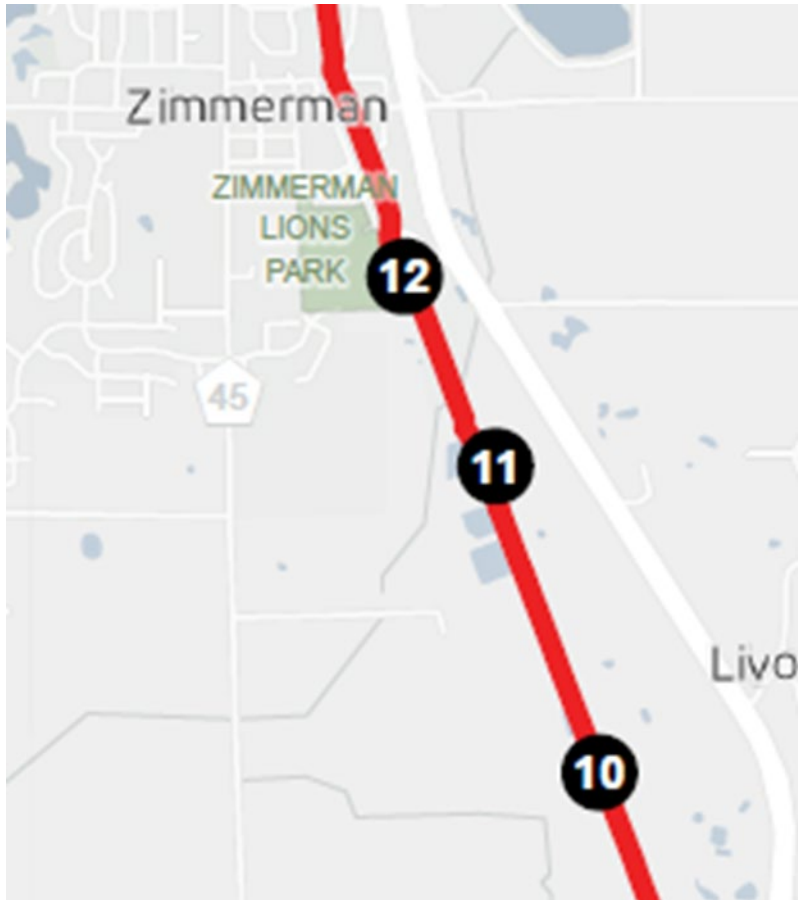


"Hustle Mucker" GNR Engine



Zimmerman Depot

Feature 11 – South of Compost Site



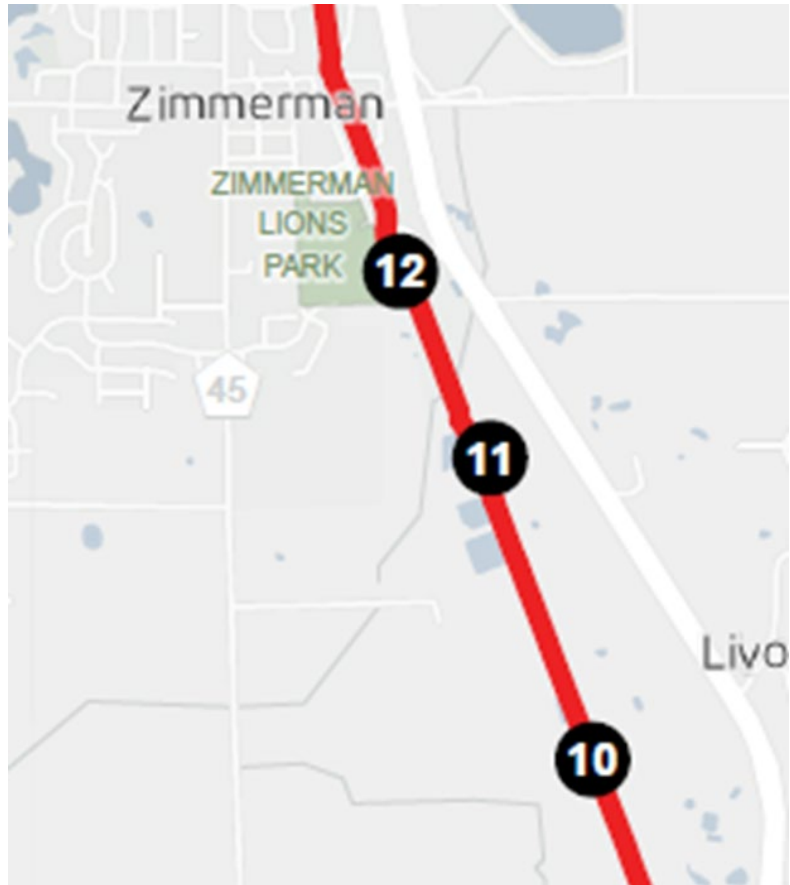
Design & Install

- Living 515' Screen
- ADA Width Limiter





Feature 12 – Zimmerman Park & Ride



Project Budget



Great Northern Regional Trail		24-006F		
Sherburne County				
Reference	Eligible Item Details	Quantity	Unit Cost/Item	Total Cost
A	Mobilization	1	35,000.00	35,000.00
B	Initial Grading/removal (SY)	3500	25.00	87,500.00
C	Retaining Wall (SF)	200	80.00	16,000.00
D	Paving (SY)	3500	45.00	157,500.00
E	Grading, seeding (acre units)	1	500.00	500.00
F	Branded Trailhead signs	4	35,000.00	140,000.00
G	Bike Repair Station	2	4,500.00	9,000.00
H	Shade Structure/Rain Shelter	3	35,000.00	105,000.00
I	Portable Toilet Screens Fence(LF) w/ concrete pad	3	6,500.00	19,500.00
J	EV-Charging	1	19,000.00	19,000.00
K	E-Bike Charging	4	2,500.00	10,000.00
L	Water Filling Station	1	10,000.00	10,000.00
M	Picnic Tables	4	2,500.00	10,000.00
N	LED Solar Lighting	3	15,000.00	45,000.00
O	Tree Planting	60	500.00	30,000.00
P	Native Planting (1-gallon pots)	500	25.00	12,500.00
Q	Interpretive Panels	2	2,500.00	5,000.00
R	Waste Receptacle	4	500.00	2,000.00
S	ADA Width Limiter Gate	8	750.00	6,000.00
T	Benches with concrete pad	4	3,000.00	12,000.00
		Subtotal		731,500.00

		GMRPTC	Local Match
Construction Total	\$731,500		
Design/Eng/Const. Admin	\$146,300		
Soft Cost Total	\$146,300		
Total Project Cost	\$877,800	\$702,240	\$175,560



Cost Participation, Features 1-4

Elk River Project Components	Quantity	Cost/Unit	Total Cost	Percent Construction Cost	Match Amount	Eng./Design/Const.Admin.	Soft Costs	Total Out of Pocket
1/3 Mobilization	0.3333	35,000	\$11,666.67					
Trailhead Sign at 221st	1	35,000	\$35,000.00					
Bike Repair Station	2	4,500	\$9,000.00					
Portable Toilet Screen LF	1	6,500	\$6,500.00					
Benches with concrete pad	3	3,000	\$9,000.00					
ADA Width Limiter Gates	2	750	\$1,500.00					
			\$72,666.67	0.099339257	\$17,440.00	Grant funded	\$14,533.33	\$31,973.33



Cost Participation, Features 5-11

Sherburne County Project Components	Quantity	Cost/Unit	Total Cost	Percent Construction Cost	Match Amount	Eng./Design/Const.Admin.	Soft Costs	Total Out of Pocket
1/3 Mobilization	0.3333	35,000	\$11,666.67					
Trailhead Sign	2	35,000	\$70,000.00					
Shade Structure	2	35,000	\$70,000.00					
Picnic Tables	2	2,500	\$5,000.00					
Waste Receptacle	2	500	\$1,000.00					
Portable Toilet Screen Fence (LF)	1	6,500	\$6,500.00					
Interpretive Panels (Tamarack, GNRR)	2	2,500	\$5,000.00					
ADA Width Limiter Gates	6	750	\$4,500.00					
			\$173,666.67					
			7	0.237411711	\$41,680.00	Grant funded	\$34,733.33	\$76,413.33



Cost Participation, Feature 12

Zimmerman Project Components	Quantity	Cost/Unit	Total Cost	Percent Construction Cost	Match Amount	Eng./Design/Const.Admin.	Soft Costs	Total Out of Pocket
1/3 Mobilization	0.3333	35,000	\$11,666.67					
Initial Grading/removal (SY)	3500	25	\$87,500.00					
Retaining Wall (SF)	200	80	\$16,000.00					
Paving (SY)	3500	45	\$157,500.00					
Grading, seeding (acre units)	1	500	\$500.00					
Trailhead Sign	1	35000	\$35,000.00					
Portable Toilet Screen Fence (LF)	1	6,500	\$6,500.00					
Shade Structure	1	35,000	\$35,000.00					
EV-Charging	1	19,000.00	\$19,000.00					
E-Bike Charging	4	2,500.00	\$10,000.00					
Water Filling Station	1	10,000.00	\$10,000.00					
Picnic Tables	2	2,500.00	\$5,000.00					
Waste Receptacles	2	500.00	\$1,000.00					
LED Solar Lighting	3	15,000.00	\$45,000.00					
Tree Planting	60	500.00	\$30,000.00					
Native Planting (1-gallon pots)	500	25.00	\$12,500.00					
Bench	1	3,000.00	\$3,000.00					
			\$485,166.67	0.663249032	\$116,440.00	Grant funded	\$97,033.33	\$213,473.33

As provided via email from Joe Stremcha: The following are items to prioritize for the grant application and we can take action on at our next meeting on July 10:

** \$10,000 - 2 Bike repair stations – installed (one near woodlands parking lot and one near meadowvale school – suggest alternate location or hold on CSAH 1 and Meadowvale – add one at Meadowvale in future with trailhead development).

1 trail head sign as Watson \$35K – hold on CSAH 1 as a trailhead facility grant proposal for future.

~~** \$12,500 - Water fixture for refilling waterbottles, users, dogs near Meadowvale school. (wait on meadowvale location) Wait until trailhead facility. Keep in near b~~

** \$104,500 - parking lot expansion near Meadowvale school – speak with Dave? Watson makes more sense. Parcel for sale by daycare. Suggest as a future grant request with Watson as a short-term parking lot. Wait – but include in RFP for the design of this project: public engagement to explore southern trailhead options, develop concept design and develop cost estimate for southern trail head.

Add Watson Parking – useful in short and long term.

If funding is available, alternative project:

** \$12,000 - 4 Park Benches woodlands along the GNRT within the park – within vicinity of where paved trails come out to the GNRT, Watson, 221st. Jeff will get locations to me this afternoon. With concrete pads. along the trail and placed in shaded areas – wait on benches.