

## Lakelands Trail Restroom and Amenities Project 2023

Grant: Spark Grant (MDNR)

Deadline: Unknown

Website: <https://www.michigan.gov/dnr/buy-and-apply/grants/rec/sparkgrants>

Suggested Match: Gravel/Grading upgrades in existing Gravel Lots - (Estimated value below)

Trailhead	Scope Item	Type	Contractor	Estimated Cost	Est. Rec'd	Sanitary Sewer	Vault
<b>Village Trailhead (Downtown Hamburg)</b>							
	<b>Restroom</b>						
<b>Improvements Include:</b>	Building (Modular)	Pre-fab building connect to sewer	<a href="#">Easi-Set Buildings</a>	\$ 75,000.00	X	\$ 75,000.00	
Extension of Parking (Township Match)	Sanitary Sewer	Option 1	Hamburg Township	\$ 27,631.68	X	\$ 27,631.68	
Accessible Pathways to facilities	Electrical			\$ 10,000.00		\$ 10,000.00	\$ 10,000.00
Bike Repair Station	Building (Vault)	No Sewer	<a href="#">Green Flush Restrooms</a>	\$ 100,850.00	X		\$ 100,850.00
Garbage Cans	Concrete Work			\$ 20,000.00		\$ 20,000.00	\$ 20,000.00
Bike Racks	Pavillion (30'x60')	Wooden Frame with Shingle					
Restroom	Pavillion (30'x60')	Steel structure with metal roof		\$ 100,000.00		\$ 100,000.00	\$ 100,000.00
Picnic Pavilion on Accessible Surface	Picnic Tables (6)	\$1,700 each plus freight		\$ 11,000.00	X	\$ 11,000.00	\$ 11,000.00
	Bike Repair Station			\$ 1,200.00	X	\$ 1,200.00	\$ 1,200.00
	Garbage Cans	Multi part with recycle option		\$ 1,700.00	X	\$ 1,700.00	\$ 1,700.00
	Bike Rack			\$ 1,500.00	X	\$ 1,500.00	\$ 1,500.00
	Excavating			\$ 10,000.00		\$ 10,000.00	\$ 10,000.00
	Well Drilling & Water Supply			\$ 10,000.00		\$ 10,000.00	
<b>Total Village Trailhead</b>						<b>\$ 268,031.68</b>	<b>\$ 256,250.00</b>
<b>Merrill Trailhead (Across from Twp. Hall)</b>	Building (Modular)	Pre-fab building connect to sewer	<a href="#">Easi-Set Buildings</a>	\$ 75,000.00	X	\$ 75,000.00	
Extension of Parking (Township Match)	Sanitary Sewer	Option 1	Hamburg Township	\$ 21,954.96	X	\$ 21,954.96	
Accessible Pathways to facilities	Sanitary Sewer	Option 2	Hamburg Township	\$ 22,591.53	X		\$ 22,591.53
Bike Repair Station	Electrical			\$ 10,000.00		\$ 10,000.00	\$ 10,000.00
Garbage Cans	Building	No Sewer	<a href="#">Green Flush Restrooms</a>	\$ 100,850.00	X		\$ 100,850.00
Bike Racks	Concrete Work			\$ 5,000.00		\$ 5,000.00	\$ 5,000.00
Restroom	Picnic Tables (2)			\$ 3,750.00	X	\$ 3,750.00	\$ 3,750.00
	Bike Repair Station			\$ 1,200.00	X	\$ 1,200.00	\$ 1,200.00
	Garbage Cans			\$ 1,700.00	X	\$ 1,700.00	\$ 1,700.00
	Bike Rack			\$ 1,500.00	X	\$ 1,500.00	\$ 1,500.00
	Excavating			\$ 15,000.00		\$ 10,000.00	\$ 10,000.00
	Well Drilling & Water Supply			\$ 10,000.00		\$ 10,000.00	
<b>Total Merrill Trailhead</b>						<b>\$ 140,104.96</b>	<b>\$ 156,591.53</b>
<b>Pettysville Trailhead (M-36/Pettysville)</b>	Building (Modular)	Pre-fab building connect to sewer	<a href="#">Easi-Set Buildings</a>	\$ 75,000.00	X	\$ 75,000.00	
Extension of Parking (Township Match)	Sanitary Sewer	Option 1	Hamburg Township	\$ 27,865.83	X	\$ 27,865.83	
Accessible Pathways to facilities	Sanitary Sewer	Option 2	Hamburg Township	\$ 24,007.83	X		
Bike Repair Station	Electrical			\$ 10,000.00		\$ 10,000.00	\$ 10,000.00
Garbage Cans	Building (Vault)	No Sewer	<a href="#">Green Flush Restrooms</a>	\$ 100,850.00	X		\$ 100,850.00
Bike Racks	Concrete Work			\$ 5,000.00		\$ 5,000.00	\$ 5,000.00
Restroom	Picnic Tables (2)			\$ 3,750.00	X	\$ 3,750.00	\$ 3,750.00
	Bike Repair Station			\$ 1,200.00	X	\$ 1,200.00	\$ 1,200.00
	Garbage Cans			\$ 1,700.00	X	\$ 1,700.00	\$ 1,700.00
	Bike Rack			\$ 1,200.00	X	\$ 1,200.00	\$ 1,200.00
	Excavating			\$ 15,000.00		\$ 10,000.00	\$ 10,000.00
	Well Drilling & Water Supply			\$ 10,000.00		\$ 10,000.00	
<b>Total Pettysville Trailhead</b>						<b>\$ 145,715.83</b>	<b>\$ 133,700.00</b>

#### Gravel Lot Improvements/Extension

Gravel Upgrades for 3 Trailheads	Based on prior bids plus 20%	Grading, Gravel	Bob Myers Excavating	\$	8,750.00	X	\$	8,750.00	\$	8,750.00
Dust Control	Based on prior bids plus 20%	Mineral Well Brine	Chloride Solutions	\$	13,500.00	X	\$	13,500.00	\$	13,500.00
Asphalt ADA Spaces	All 3 trailheads			\$	30,000.00		\$	30,000.00	\$	30,000.00
Timed Locks for Restrooms	All 3 trailheads			\$	6,000.00		\$	6,000.00	\$	6,000.00
Surveillance System	All 3 trailheads			\$	5,000.00		\$	5,000.00	\$	5,000.00
Well (Water Source)	All 3 trailheads	11,450 each location	Roberts Well Drilling	\$	34,350.00	X	\$	34,350.00	\$	34,350.00
<b>Total Lot Improvements</b>							\$	<b>97,600.00</b>	\$	<b>97,600.00</b>

<b>Sub Total for Grant Request</b>							\$	<b>651,452.47</b>	\$	<b>644,141.53</b>
<b>Engineering/Design/Permits 25%</b>							\$	<b>162,863.12</b>	\$	<b>161,035.38</b>
<b>Contingency 20%</b>							\$	<b>130,290.49</b>	\$	<b>128,828.31</b>
<b>Installation 30%</b>							\$	<b>195,435.74</b>	\$	<b>193,242.46</b>
<b>Anticipated Total Project</b>							\$	<b>1,140,041.82</b>	\$	<b>1,127,247.68</b>
<b>Maximum Spark Grant Request</b>							\$	<b>1,000,000.00</b>	\$	<b>1,000,000.00</b>
<b>Anticipated Match if Awarded as Proposed</b>							\$	<b>140,041.82</b>	\$	<b>127,247.68</b>

<b>Estimated Annual Legacy Costs</b>	Restrooms 3 (6 REU)	Sewer O & M (Sewered)	\$155.50/per 1/4 per REU	\$	3,732.00	X	\$	3,732.00		
Will need to have DPW or B&G help with water delivery	Restrooms	Honey Wagon (Vault)	.26 per gallon average/1,000	\$	260.00				\$	2,080.00
	Restrooms	Water Deliver (Vault)	1,000 gallon/DPW/Est	\$	250.00				\$	2,000.00
	Restrooms	10 hrs Cleaning (Part-time Staff)	Hamburg Township	\$	10,000.00	x	\$	10,000.00	\$	10,000.00
Used average of 30.00 per mo x 3 locations	Gravel lots - 3 trailheads	Maintenance annually		\$	22,250.00		\$	22,250.00	\$	22,250.00
	Electric	EP 15.00 per mo/WP 55.00 per mo	Hamburg Township	\$	1,080.00	x	\$	1,080.00	\$	1,080.00
							\$	<b>37,062.00</b>	\$	<b>37,410.00</b>

*What if we suggested improvements at Merrill Trailhead that changed the topography to support ADA Parking for the Canoe Launch?  
This would allow for us to do the project properly (as long as we can clear the creek, and address our bittersweet issue.*