



VISION

The Appleton Area OHV Park provides a unique environment for OHV users to experience the outdoors and socialize with other OHV enthusiasts from around the country, while also serving diverse recreational interests of the local community.

APPLETON AREA OHV PARK

Master Plan Summary

Adopted on: December 21, 2021

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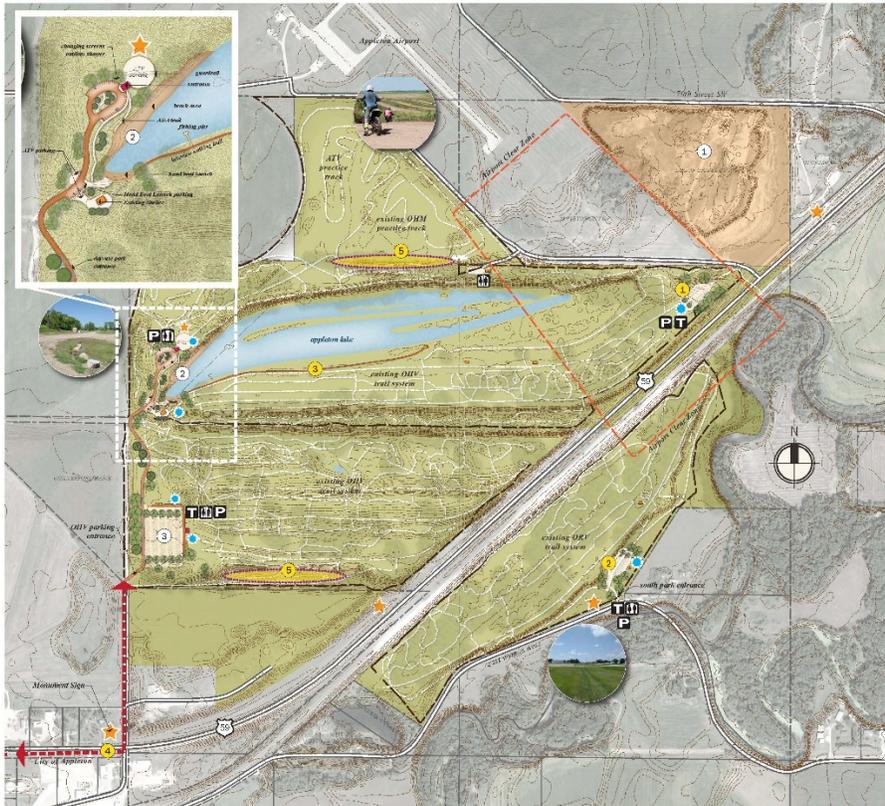
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Appleton Area OHV Park Masterplan

December 2021 - Swift County



VISION STATEMENT

The Appleton Area OHV Park will provide a unique family environment for OHV users to enjoy by experience the outdoors in a space specifically designed for off-highway vehicles, use it as well people from a round the country, and serve the normal recreation interests of the local community.

Goals of the Appleton Area OHV Park

- Retain character not previously an OHV park
- Serve multiple age groups so entire families can enjoy the park.
- Maximize the use of existing local camping facilities.
- Repair the park as critical greenbelt, high ground the steep hills and trees.
- Serve diverse user groups within the context of OHV focus.
- Improve connection to the City of Appleton to better serve the local community.
- Expand the park to take advantage of adjacent disturbed landscapes.
- Provide an opportunity for OHV users to avoid environmentally sensitive landscapes.
- Maintain the park in a manner that encourages people to return.
- Increase and strengthen community image and create sense of place.
- Provide a challenging and safe place for local residents and regional visitors.
- Improve facilities to attract new visitors and encourage repeat visits.

PARK LEGEND

- Park Area
- Future Acquisitions
- Trail head
- Passenger Car Parking Only
- Restroom
- Existing Structure
- Proposed Structure
- Water Soaps/Fontains
- Signed Trail Entrance
- Park Signage
- ATV/OHV/OTV Trail System
- Guardrails

In addition to the improvements listed below the partners involved in the Appleton OHV project are consistently working out grant funding to improve the quality of trails and park features at the park.

Phase 2 of Funding request

PHASE 1 IMPROVEMENTS

- 1 Land Acquisitions**
- 2 Day Use Beach Park**
 - Public Restroom
 - GEORVAT drive and parking areas
 - 200 spaces north turnaround
 - (L1) species field launch
 - Drudge view beach and hard boat launch
 - Impervious Boulder walls
 - Gravel Trails for ADA Restroom
 - Shelter and beach access
 - *13) Outdoor shower
 - *14) Screened changing areas for riders
 - *15) Water Soaps
 - *16) Water Soaps for designated parking street
- 3 Main Trailer Parking Lot**
 - Double Van & Trailer
 - (L1) Gravel Trail Spaces
 - *17) Vehicle Wash Stations
 - *18) Vehicle Wash Stations
 - *19) Water Soaps
 - *20) Signed Trail entrances
 - Measurement sign at Park Entrance

PHASE 2 IMPROVEMENTS

- 4 East Side Trailhead**
 - Regraded and formalize gravel parking
 - Area for (L2) Trailer Spaces
 - (L1) Vehicle Wash Station
 - (L1) Water Soaps
 - (L1) Signed Trail entrances
- 5 South Parcel Trailhead**
 - Single Van & Trailer
 - Gravel & Gravel Parking Area w/riders
 - (L1) Vehicle Wash Station
 - (L1) Water Soaps
 - (L1) Signed Trail entrances
- 6 Lakeside Walking Trail**
 - Walking trail out to parking pier & old structure
 - (L2) Benches at old structure for walkers
 - (L1) Existing path improvements
 - Soil Erosion Signage
 - Added ADA Signage
 - Planted for new hand boat launch
- 7 Formalize Observation Trail to Damping area**
 - Signage Signage and Striping
- 8 Spectator View Areas**
 - Regrade the areas on high points for viewing
 - (L1) Benches
 - (L1) Shade Trees



Regional Significance Statement

The Appleton Area OHV Park offers a robust OHV experience in a natural setting. The 325-acre Park provides a rare opportunity for all four OHV vehicle classes to have dedicated space with a practice track for OHM beginners. The Park is situated in an abandoned gravel pit providing 20 miles of trails with a variety of terrain. A man-made lake in the center of the park provides park users with beautiful views and water recreation.

Classification

Special Recreational Feature Park

GENERAL DESCRIPTION

The Appleton Area OHV Park is located on a former gravel mining site with a small man-made lake in the northern section of the park. Mining left behind sand and gravel well suited to manipulation into climbs and dunes. Over time, trees have grown up in the park and many of the trails are wooded on both sides. Low elevation areas are prone to periodic flooding, creating ideal mud runs for OHVs in small areas of the park. The rolling topography, trees, and open areas on the north side of the park, provide for a variety of trail riding experiences and ample opportunities for shade. The man-made lake in the center of the park has some of the clearest water in the region providing water recreation and beautiful views.





Total Acreage or Mileage

The Appleton OHV Park currently covers 348 acres with approximately 20 miles of trails.

General Site Characteristics

The Appleton Area OHV Park is a landscape resulting from the mining of sand. Over time, trees have grown up in the park and many of the trails are wooded on both sides. The rolling topography, trees, and open areas on the north side of the park provide for a variety of trail riding experiences and ample opportunities for shade. Also on the north side of the park, a man-made lake provides a scenic focal point for the trails as well as an opportunity for kayaking, swimming, and fishing in the cleanest water in the region. Isolated from surrounding agricultural surface drainage, the spring fed lake is a rare asset for the park.

The scenic beauty of the park serves as an important greenspace for local residents to walk, and bike when OHV activity is low. Because of the low elevation leftover from mining, parts of the park are prone to flooding, especially the section of the park south of US Hwy 59. During these times of flooding, water settles into smaller areas which are ideal mud runs for OHVs. Because the topography of the park is a result of mining, there is significant variety in the nature of the trails, and the opportunity to manipulate conditions to appeal to the changing interests of OHV users. One of the primary benefits of siting an OHV park in a disturbed landscape such as this former mining site, is to restrict OHV here in the park and preserve more valuable landscapes outside of it. Inherent to the concentrated use of OHVs is the occurrence of erosion and environmental impact. Even though this is the case, Swift County has an interest in establishing trails and encouraging riders to ride in designated areas within the park. There are areas of the park that are appropriate for all age groups, ability levels, and OHV vehicle.



Public Involvement Summary

VISION STATEMENT

The Appleton Area OHV Park provides a unique environment for OHV users to experience the outdoors and socialize with other OHV enthusiasts from around the country, while also serving diverse recreational interests of the local community.

GOALS FOR THE PARK

AMENITIES: Improve park facilities to expand uses in the park, promote family use, and attract visitors.

CONNECTION: Improve connections for park users to the City of Appleton and camping locations.

EXPANSION: Address demand for the park by purchasing adjacent land appropriate for OHV use.

MAINTAIN: Maintain the park in a manner that encourages people to return.

OBJECTIVES

AMENITIES:

1. The park meets the needs of visitors.
2. The park serves multiple ages and ability levels.
3. Non-OHV activities are supported.

CONNECTION:

1. Wayfinding in the park is clear.
2. Connections to the City of Appleton are improved.
3. Existing camping facilities are fully utilized.

EXPANSION:

1. Locate entrances and parking areas for conflict resolution.
2. Develop new trails for all classes of OHV.
3. Total acreage of the park is increased.

MAINTAIN:

1. Avoid flood-prone and ecologically sensitive areas.
2. Users are encouraged to return to the park.
3. Secure traditional and non-traditional sources of funding.

COMMON THEMES, TRENDS AND VALUES OF THE PUBLIC

1. Generational Family Park: The park should serve multiple age groups so entire families can enjoy the park.
2. OHV: The park serves primarily OHV users.
3. Greenspace: The park serves an important function as a place for people to enjoy the outdoors. The trees and clean man-made lake are part of what makes the park special.

PRIORITIES AND KEY OUTCOMES FOR THE PARK

1. Maintain OHV character.
2. Enhance the visitor experience.
3. Provide greater access to the City of Appleton.
4. Establish wayfinding plan.
5. Provide a range of technical difficulty in trails.
6. Clarify usage.
7. Serve entire families.
8. Maintain the park in a manner that encourages people to return.

CHALLENGES AND CONSIDERATIONS

(1) This is primarily an OHV park.

Park improvements should be undertaken with the goal of preserving the park as a unique OHV destination for users throughout the country. Proposed improvements will draw more OHV enthusiasts.

(2) Mixed uses of the park – Will this be an issue if other non-motorized uses grow?

Reducing conflicts between OHV and non-OHV use is an important consideration in the planning of proposed improvements.

(3) Maintenance of proposed improvements and sustainable funding.

The county board will be approving the improvements with the idea of maintenance costs.

(4) Overnight camping and increased usage for a park that is not staffed.

Some of the ways to address this will be: clear rules on signage, local law enforcement alerted to the rules to monitor the park, surveillance cameras to be used and to have the park appeal to those who will take care of it. It is also recognized that the park staffing etc. may need some changes if/when usage increases.

It was decided to not allow overnight camping in the OHV park to alleviate these concerns and to close the park at night.

PUBLIC INVOLVEMENT

The Appleton Area OHV Park Master Planning process involved a very robust public engagement effort. The following activities helped get the public's input for the park:

(1) A PUBLIC SURVEY in the summer of 2020.

We receive 274 online and paper surveys through the following outreach methods:

- * Facebook
- * Press releases and newspaper ads.
- * Paper surveys at park shelters.
- * Prairie Waters and UMRDC social media.
- * Local users and groups shared via social media.
- * Poster with online survey link put up in Appleton locations.
- * ATV Association MN and MN4WD Association shared survey digitally

Who uses the park?

Highest age group was 36-54 (53%). The smallest age group was 16-21 (9%).

How long do people stay?

59% of responders stay a full day. Only 11% stay multiple days.

How do people learn about the park?

Just over half (51%) of park users found out about the park from friends or family. County website (10%), Facebook (19%) and some other way (35%). Many of the people in this "Other" category indicated the DNR website.

What do you do at the park?

Top votes were: 4x4 Off-road vehicle (53%), ATV Class 1 (43%), ATV Class 2 (35%), Off-highway motorcycle (13%), Snowmobile (5%). **Non-motorized:** Picnic shelter and Hiking/walking (7% each).

What would you like to see added?

Public bathroom (63%), Camping near park (57%), Wash station (51%), Trail connection to town (48%)

Main Take Away by Location Group

Depending on how far away from the park you are, issues change

- **Appleton** –
 - Wide range of activities desired
 - All age groups represented – lower numbers of 0-15 than “Local”
 - Trail Connection, bathrooms, camping, playground, Hiking, XC skiing, Kayaking
 - Truck wash was less important overall
- **Local** – areas bordering Appleton
 - Wide range of ages represented
 - Same main interests in new amenities
 - Slight reduction in interest for kayaking, hiking, xc skiing, playground, etc.
- **Minnesota** – Other (In-State, but outside “Local”, Granite Falls is in this category)
 - Wide range of ages represented – less than “Local” above
 - Same main interests in new amenities
 - General reduction of other interests, but more interest in bicycle related activities
- **Out-of-State**
 - Mainly 36-54
 - Stay for full-day and regular visitors
 - 9 of 16 responses mention Camping Near Park
- **Over 200 Miles Away** (4 of 25 were from out-of-state)
 - 16 of 25 want camping near the park
 - 15 of 25 want bathrooms
 - 13 of 25 want a trail connection to town
 - 11 of 25 want a vehicle wash
 - 4 of 25 have never visited
 - Comments were generally reflective of other groups

(2) A PUBLIC SURVEY in the Fall of 2021.

A survey was conducted asking what people liked and disliked about the master plan. There were 17 surveys collected in September 2021. The results of this survey were:

Positive comments

- 1) Liked proposed amenities
- 2) Liked the expansion plans

Negative comments

- 1) Costs too much
- 2) Worried about sportsmen’s club conflicts
- 3) Worried about wayfinding between park and Appleton
- 4) Wish camping was in the plan.

Survey Results

Age

ANSWER CHOICES	RESPONSES	
0-15	18.43%	47
16-21	8.63%	22
22-35	38.04%	97
36-54	52.55%	134
55+	17.25%	44
Total Respondents: 255		

How long is your typical stay?

ANSWER CHOICES	RESPONSES	
Less than 1 hour	3.15%	8
1 - 2 hours	25.20%	64
Full day	58.66%	149
Multiple days	10.63%	27
Other (please specify)	9.45%	24
Total Respondents: 254		

How many times have you visited the park?

ANSWER CHOICES	RESPONSES	
0 - Never visited	8.24%	21
1 - This is my first visit	9.41%	24
2-10 - I've visited a few times	61.96%	158
10+ - I'm a regular visitor	20.78%	53
Total Respondents: 255		

What additions would you like to see at the park?

ANSWER CHOICES	RESPONSES	
Public bathroom	62.75%	160
Playground	13.33%	34
Camping near the park	56.86%	145
Hiking	10.59%	27
Mountain bike trail	6.67%	17
Winter fat-tire bike trails	3.92%	10
Cross country ski trail	8.24%	21
Kayaking/canoeing	12.16%	31
Dock/boat ramp	6.67%	17
Wash for ATV/Trucks	50.59%	129
Trail connection to Appleton across the highway	47.84%	122
No amenities should be added	2.35%	6
Other (please specify)	13.33%	34
Total Respondents: 255		

How did you learn about the park?

ANSWER CHOICES	RESPONSES	
Friend/family	51.17%	131
County website	10.16%	26
Facebook page	19.14%	49
Other (please specify)	35.16%	90
Total Respondents: 256		

Why do you visit the park?

ANSWER CHOICES	RESPONSES	
ATV Class 1	43.14%	110
ATV Class 2	34.90%	89
4x4 Off-road Vehicle	52.94%	135
Off Highway Motorcycle	13.33%	34
Swim	3.53%	9
Fish	6.27%	16
Picnic Shelter	7.06%	18
Hiking/walking	7.06%	18
Mountain bike (Off-road non-motorized bike)	1.18%	3
Fat-tire bike	0.39%	1
Snowmobile	4.71%	12
Ice skating	0.39%	1
Ice fishing	2.75%	7
Other (please specify)	4.71%	12
Total Respondents: 255		

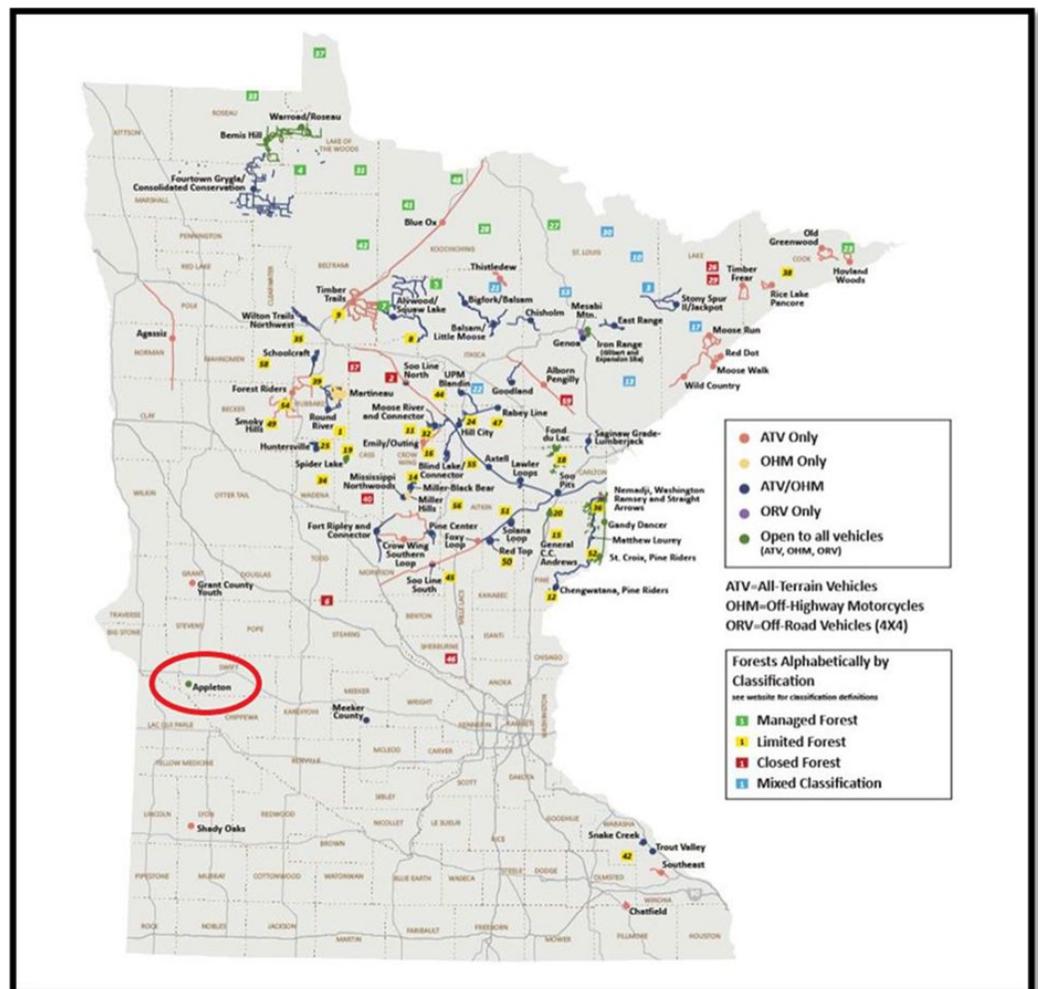
Regional Context

With an estimated 5% of Minnesotan owning 300,000 OHVs (Parks & Trails Council of Minnesota 2020), it is understandable that people would look for places to use those vehicles. The demand for this recreational opportunity is high since there are restrictions on OHV use in state lands and the limited opportunities for OHV use on private property. A designated OHV park prevents adverse environmental affects in sensitive areas and provides an appropriate place for this recreational opportunity.

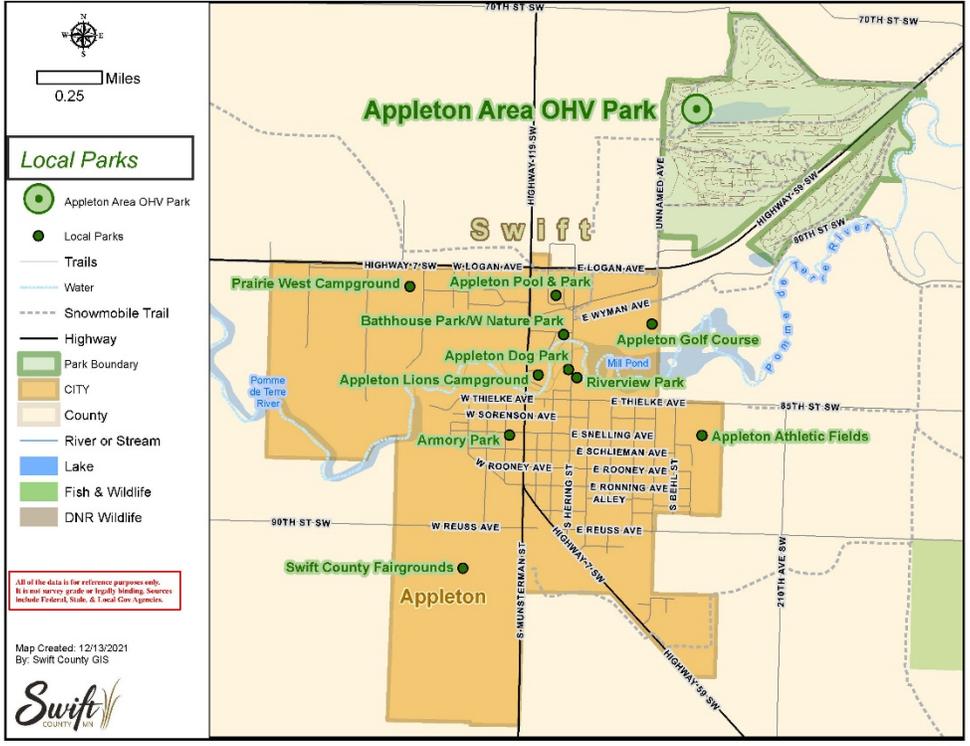
The Appleton Area OHV Park is filling a gap for OHV parks in our part of the state. Public OHV parks and trails are concentrated in the northeastern part of the state. According to the Minnesota DNR, there are only seven locations within the lower third of the state that are open to OHV users (Figure 5). Of these seven locations, only one – the Appleton Area OHV Park - is open to all classes of OHVs (Off-highway 2021).

The main user groups for the park include Class I and Class II ATV users, Off-highway motorcycle (OHM) users, and off-road vehicle (ORV) 4x4 truck users. The park in Appleton is unique, offering the opportunity for all four classes of and areas that are dedicated to off-highway motorcycles (OHM) and off-road vehicles (ORV) only. Park users benefit by having an area to ride designed specifically for them with limited instances of non-OHV user group conflict or the degradation of environmentally and socially sensitive areas.

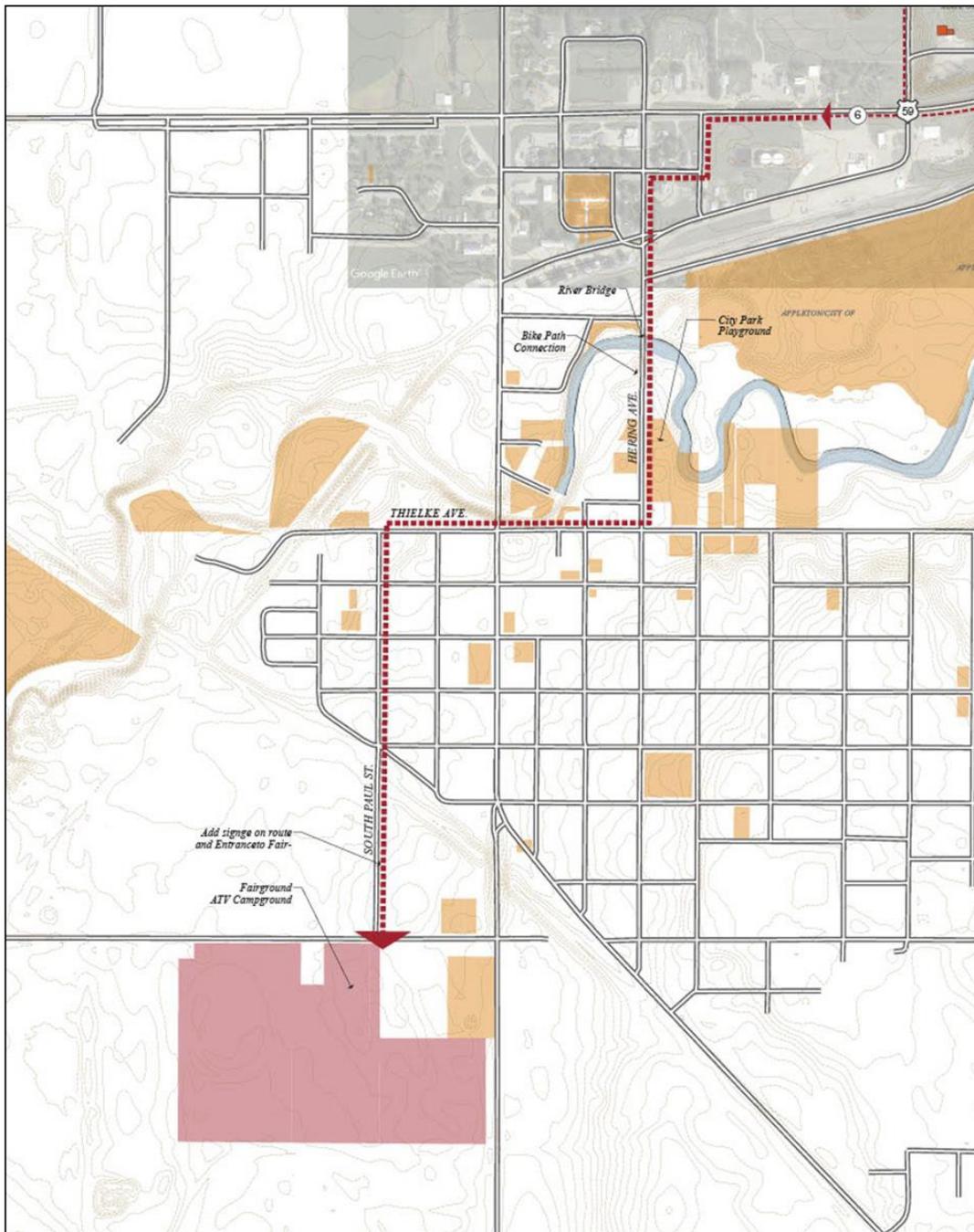
While the park is designed primarily for these OHV users, the park is also used for walking, fishing, kayaking, cross country skiing, and bike riding. People using the park for these activities have indicated that they monitor the OHV activity within the park and visit the park when there are few, or no, OHV riders.



Regional Context Maps



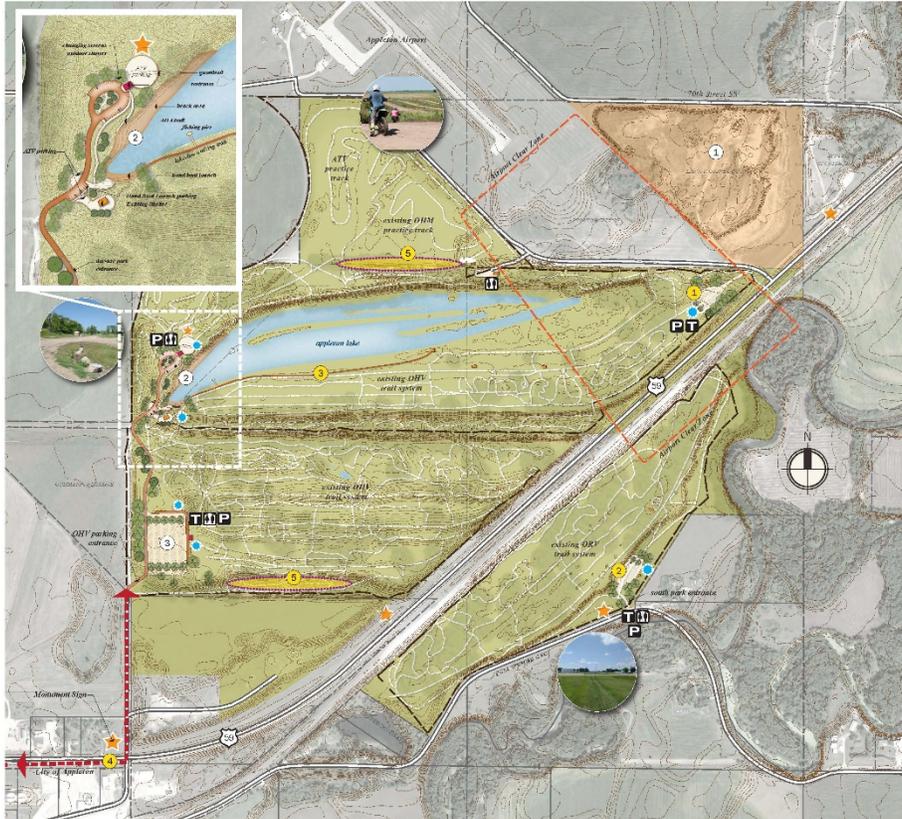
Camping in Appleton





Appleton Area OHV Park Masterplan

December 2021 - Swift County



VISION STATEMENT

The Appleton Area OHV Park will provide a unique family environment for OHV users to responsibly experience the outdoors in a space specifically designed for off-highway vehicles, accessible with people from around the county, and serve the diverse recreational interests of the local community.

Goals of the Appleton Area OHV Park

- Retain character as primarily an OHV park
- Serve multiple age groups so entire families can enjoy the park
- Maximize the use of existing local camping facilities
- Focus the park on certain questions, highlighting the clean lake and trails
- Serve diverse user groups within the context of OHV focus
- Improve connection to the City of Appleton to better serve the local community
- Expand the park to take advantage of adjacent undeveloped landscapes
- Provide an opportunity for OHV users to avoid environmentally sensitive landscapes
- Maintain the park as a haven that encourages people to return
- Increase and strengthen community image and create areas of place
- Provide a challenging and safe place for local residents and regional visitors
- Improve facilities to attract new visitors and encourage repeat visitors

PARK LEGEND

- | | |
|----------------------------|--------------------------|
| Park Area | Water (Sogota/Fountains) |
| Future Acquisitions | Signed Trail Entrance |
| Trailhead | Park Signage |
| Passenger Car Parking Only | ATV/OHV/OTV Trail System |
| Restroom | Guardrails |
| Existing Structure | |
| Proposed Structure | |

In addition to the improvements listed below the partners involved in the Appleton OHV project are constantly seeking out grant funding to improve the quality of trails and park features at the park.

Phase 2 of Funding request

PHASE 1 IMPROVEMENTS

- 1 **Land Acquisitions**
- 2 **Day-Use Beach Park**
 Flush Restroom
 200' x 100' paved area and parking area
 (80) asphalt north turn-around
 (1) paved hand launch
 Dredge New Beach & hand boat launch
 Improve 11 Boulder walls
 Great Trail for ADA Restroom, Shelter and Beach access
 * (1) Outdoor shower
 * (1) Screened changing areas for riders
 * (2) Water Spout
 * (2) ATV guardrail for designated parking areas
- 3 **Main Trailer Parking Lot**
 Double Walk Trails
 (75) Drive Trailer Spaces
 (12) Vehicle Wash Stations
 * (2) Water Spouts
 * (4) Signed Trail entrances
 * Monument sign at Park Entrance

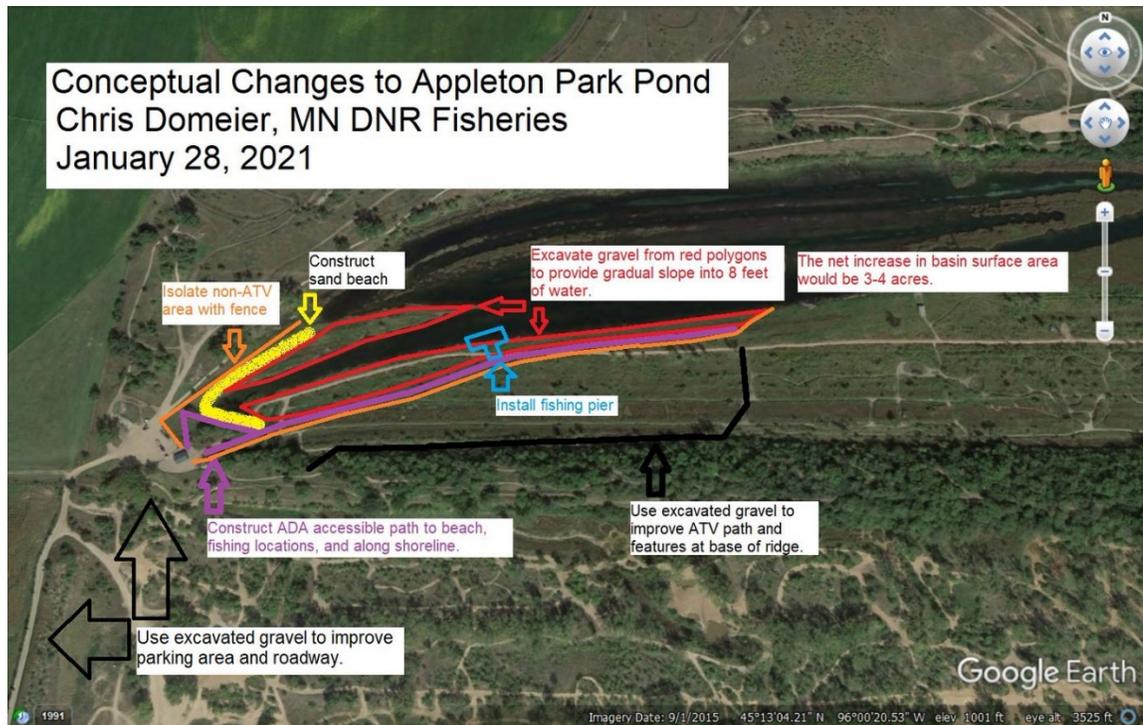
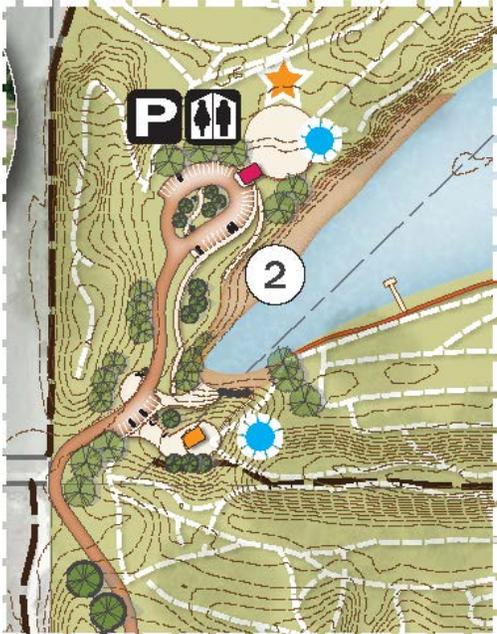
PHASE 2 IMPROVEMENTS

- 1 **East Side Trailhead**
 Re-grade and formalize gravel parking area for (12) Trailer Spaces
 (1) Vehicle Wash Station
 (1) Water Spout
 (2) Signed Trail entrances
- 2 **South Parcel Trailhead**
 Single Vehicle Toilet
 Drive & Gravel Parking Area w/islands
 (1) Vehicle Wash Station
 (1) Water Spout
 (1) Signed Trail entrance
- 3 **Lakeview Walking Trail**
 Walking Trail out to fishing pier & old structure
 (2) Recline at old structure for visitors
 (8) existing path improvements
 Split Rail Fencing
 Additional Signage
 Fishing Pier near hand boat launch
- 4 **Formalize Connection Trail to Camping area**
 Upgrade Signage and Striping
- 5 **Spectator View Areas**
 Re-grade flat areas on high-points for viewing
 (1) Benches
 (3) Shade Trees



DAY-USE BEACH PARK

This area located on the NW section of the man-made lake will include a 500 sq ft flush restroom facility, GEOPAVE drive with parking area, boulder walls, beach with hand boat launch, ADA gravel trails, outdoor shower and changing screens, water spigot, guardrails, septic system, regulatory trail entrance signs, landscaping and well to supply water.



MAIN TRAIL PARKING LOT

This area will see significant upgrades including two vehicle wash stations with concrete pads, two water spigots, parking lot surface improvements, landscaping, trail entrance signs, double vault toilet, well to service water spigots and entrance signage.

EAST SIDE TRAILHEAD

This area will see updates to the existing trailhead including regrade and formalize the gravel parking area for (12) Trailer Spaces, add one (1) Vehicle Wash Stations, add one (1) Water Spigot, and allow for two (2) Signed Trail entrances

SOUTH PARCEL TRAILHEAD

This area located on the south side of Hwy 59 will add a Single Vault Toilet, enhance the parking area to a class 5 Gravel Parking Area w/islands, add one (1) Vehicle Wash Stations, add (1) Water Spigot and one (1) entrance sign.

LAKEVIEW WALKING TRAIL

This area will add a walking trail out to fishing pier & old structure, (2) Benches at old structure for walkers. The path will be reshaped into an 8' class 5 dedicated walking trail and fence, with signage. A fishing pier will be added near hand boat launch.

FORMALIZE CONNECTION TRAIL

This item will help people connect to services in the city of Appleton with an upgrade to signage and stripping along Hwy 59.

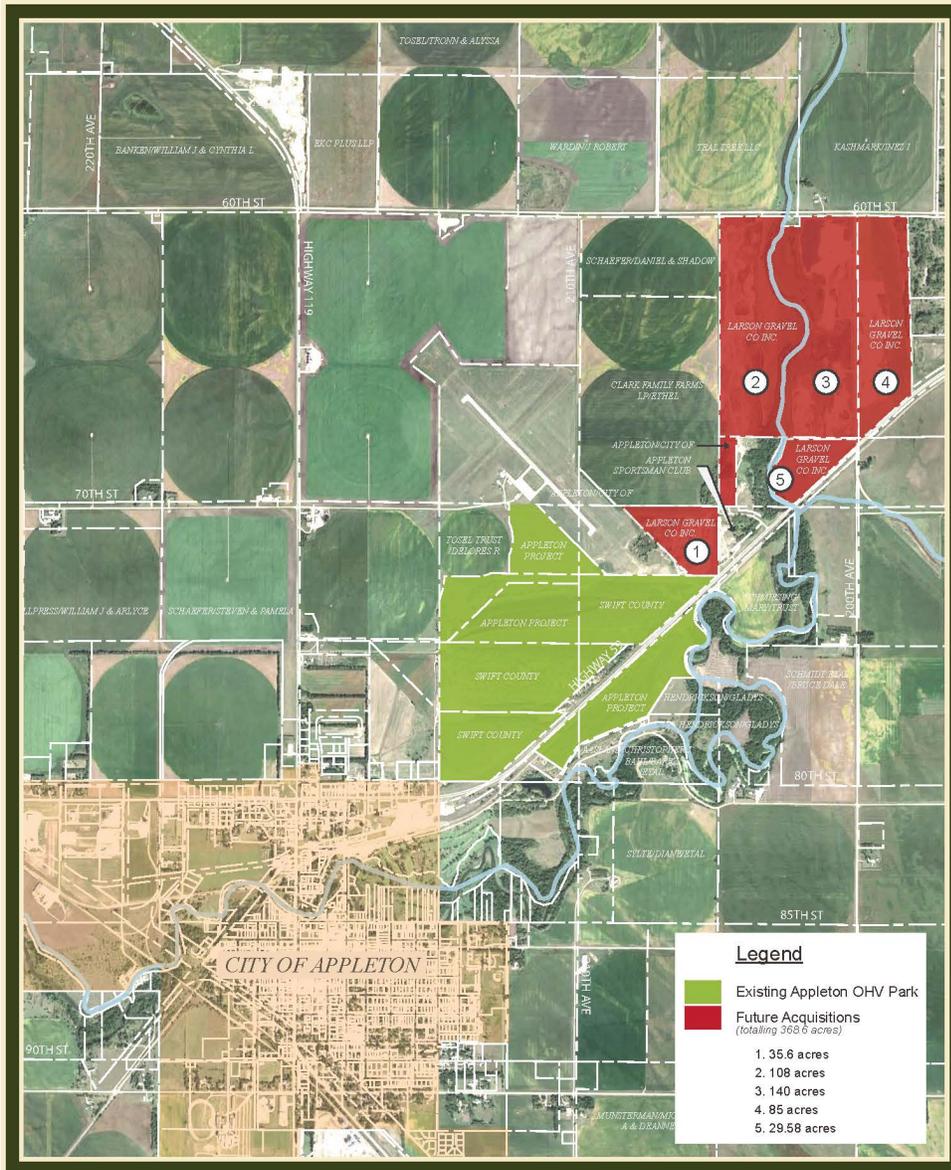
SPECTATOR VIEW AREAS

This will re-grade flat areas on two different high points for viewing adding five (5) benches and five (5) shade trees.



LAND ACQUISITION

There are multiple areas around the park identified for acquisition. There are four parcels identified on the Acquisition Map and one MnDOT property adjacent to the southwest edge of the park. Swift County is actively working to purchase the property adjacent to the east side of the park and is in negotiations with MnDOT on their property. All properties other than the MnDOT property have been or are currently being mined for gravel making for ideal additions to the existing park. Acquisition of all identified properties would double the size of the park.



Appleton OHV Park Acquisition Map

Swift County Parks System

Scale 1:30,000

0 1,000 2,000 US Survey Feet



Funding resources

Some of the funding resources available to the Appleton Area OHV Park include:

- Swift County: Matching dollars will be available through the county. These funds are allocated from the general fund.
- Department of Natural Resources Off-highway vehicle Grant-In-Aid Program (DNR OHV GIA): provides funds for trail construction and maintenance per mile. Can be used for both Acquisition and Development for new trail and Maintenance for existing trails. Needs a local sponsor.
- Federal Recreational Trails Program: This is a federal funding source for new trail acquisition and development. Requires a local unit of government (LUG) as a sponsor (counties can often play this role). \$150,000 maximum award, and also requires a match in funding. Appleton has been awarded funding from the DNR OHV GIA program to match the FRTP requirement. NOTE: In 2002, this was called the National Recreation Trail Program
- Bonding dollars through the State Legislature
- T.R.A.I.L.S. grant program offered by OHV manufacturer, Polaris: This grant is intended to support the activities of ATV clubs and other local rider groups that help maintain local parks. Grant awards are capped at \$10,000 but groups may apply twice per year. The deadlines for applications are on March 1st and September 1st.
- EDA Travel, Tourism & Outdoor Recreation program 2021-2022. To help communities that have been hardest hit by Covid-19 Pandemic challenges facing the travel, tourism and outdoor recreation sectors to invest in infrastructure, workforce or other projects to support the recovery of the industry and economic resilience of the community in the future.
- DNR Staff Resource: DNR is able to do maintenance on trails with their existing staffing capacity.

Cost Estimates

Appleton OHV Park Cost Estimate								
Phase	Map #	Tentative Construction Year	Item Description	Unit	Quantity	Unit Cost	Total	
1	1		Land Acquisitions					
		2021-2022	Larson Gravel Co. # 01-0091-000 (36.5 acres)	LS	1		\$ -	
		2022-2023	Larson Gravel Co. # 01-0001-000 (108 acres)	LS	1		\$ -	
		2023-2024	Larson Gravel Co. # 01-0001-000 (140 acres)	LS	1		\$ -	
		2023-2024	Larson Gravel Co. # 01-0001-000 (85 acres)	LS	1		\$ -	
			Total Cost Land Acquisitions				\$ -	
		2023-2025	<i>All improvements listed by priority</i>					
1	2		Day-Use Beach Park					
		2023	Beach area (dredging and sand)	CY	4,589	\$ 40.00	\$ 183,560.00	
		2023	Boulder Walls	SF	200	\$ 20.00	\$ 4,000.00	
		2023	GEOPAVE Drive and parking areas	SY	7,200	\$ 30.00	\$ 216,000.00	
		2024	Flush Restroom Building (500sf)	EA	1	\$ 65,000.00	\$ 65,000.00	
		2024	Septic system	EA	1	\$ 20,000.00	\$ 20,000.00	
		2024	Drill Well	EA	1	\$ 15,000.00	\$ 15,000.00	
		2025	6' Class 5 Gravel Trails w/ stabilizer	SF	5400	\$ 3.00	\$ 16,200.00	
1	3		Main Trailer Parking Lot					
		2023	Double Vault Toilet	EA	1	\$ 35,000.00	\$ 35,000.00	
		2023	6" Class 5 Gravel Parking area with concrete curb islands	SY	3,500	\$ 25.00	\$ 87,500.00	
		2023	Stormwater Pond	LS	1	\$ 30,000.00	\$ 30,000.00	
		2025	Vehicle Wash Station - 2 areas w/2 hoses at each area	LS	2	\$ 7,500.00	\$ 15,000.00	
		2025	Water Spigots	EA	2	\$ 500.00	\$ 1,000.00	
		2025	Drill Well	EA	1	\$ 15,000.00	\$ 15,000.00	
			Total Cost Phase 1				\$ 703,260.00	
		2026-2031						
2	1		East Side Trailhead (potential relocation based on acquisition)					
		2027	Re-grade, topdress, gravel parking area and entrance drive with islands	SY	4757	\$ 5.00	\$ 23,785.00	
		2027	Vehicle Wash Station -1 areas w/1 hose	LS	1	\$ 5,000.00	\$ 5,000.00	
		2027	Drill Well	EA	1	\$ 15,000.00	\$ 15,000.00	
		2030	Trail Entrance Signs (regulatory)	EA	2	\$ 350.00	\$ 700.00	
2	2		South Parcel Trailhead					
		2027	Single Vault Toilet	LS	1	\$ 25,000.00	\$ 25,000.00	
		2027	Class 5 Gravel Parking area with islands	SY	1,200	\$ 25.00	\$ 30,000.00	
		2028	Vehicle Wash Station -1 areas w/1 hose	LS	1	\$ 5,000.00	\$ 5,000.00	
		2028	Drill Well	EA	1	\$ 15,000.00	\$ 15,000.00	
		2028	Water Spigots	EA	1	\$ 500.00	\$ 500.00	
2030	Entrance Sign	LS	1	\$ 5,000.00	\$ 5,000.00			
2	3		Lakeview Walking Trail					
		2028	fishing pier	EA	1	\$ 35,000.00	\$ 35,000.00	
		2029	reshape existing for 8' class 5 dedicated walking trail	SF	1900	\$ 3.00	\$ 5,700.00	
		2030	split rail fencing	LF	175	\$ 25.00	\$ 4,375.00	
2030	regulatory signage (small on t-posts)	EA	4	\$ 150.00	\$ 600.00			
2	4		Formalize Connection Trail to Camping Area					
		2030	regulatory signage (small on t-posts)	EA	8	\$ 150.00	\$ 1,200.00	
		2030	pavement stripping and symbols	LF	3650	\$ 1.00	\$ 3,650.00	
2	5		Spectator Viewing Areas					
		2030	Re-grade, topdress, gravel area	SY	9000	\$ 3.50	\$ 31,500.00	
		2030	Benches (2 locations)	EA	10	\$ 1,000.00	\$ 10,000.00	
		2030	Shade Trees (2 locations)	EA	10	\$ 500.00	\$ 5,000.00	
			Additional Items to complete Phase 1 Areas					
1	1	2026	Outdoor Shower and Changing Screens (4 screens)	EA	1	\$ 5,000.00	\$ 5,000.00	
		2026	Water Spigots	EA	2	\$ 500.00	\$ 1,000.00	
1	1	2026	Trail Entrance Signs (regulatory)	EA	4	\$ 350.00	\$ 1,400.00	
		2026	Landscaping (parking islands, perimeter canopy trees)	LS	1	\$ 7,000.00	\$ 7,000.00	
1	1	2026	Guardrails	LF	500	\$ 10.00	\$ 5,000.00	
		2026	Trail Entrance Signs (regulatory)	EA	4	\$ 400.00	\$ 1,600.00	
2	2	2026	Monument Sign at Park Entrance	LS	1	\$ 5,000.00	\$ 5,000.00	
		2026	Landscaping (parking islands, perimeter canopy trees)	LS	1	\$ 10,000.00	\$ 10,000.00	
			Total Cost Phase 2				\$ 258,010.00	
			Construction Total				\$ 961,270.00	
			Design/Engineering Cost (8% of total)				\$ 76,901.60	
			15% Contingency				\$ 144,190.50	
			Total Project				\$ 1,182,362.10	
Notes and Assumptions:								
1. Cost estimate does not include demolition and disposal of existing features.								
2. Phase 1 is anticipated to proceed into construction within the next 1-3 years.								
3. Phase 2 is anticipated to proceed into construction within the next 3-7 year.								
4. Additional 30,000 CY of material assumed to be moved on south shore is not included in estimate.								
and parking delineators.								
6. Dredging beach area assumes all material can stay on site and will not be hauled off-site. Assumes excavation min. of 2' over all areas.								