

IV IMPLEMENTATION

The implementation of improvements at Rose Oaks County Park will require coordination with the Oakland County Parks and Recreation Commission for funding allocations, grant assistance, and strategic planning to ensure that the capital improvements are installed in a meaningful order.

A PROJECT COSTS AND PRIORITIES

The implementation of the entire Master Plan has no timeframe and is based on the implementation strategies identified above. Part C of this section identifies current estimates based on year 2007 costs and should be escalated annually until the items are implemented.

The prioritization of these items is based on short-term and long-term opportunities with no timeframe attached. Short-term opportunities are based on immediate need, and the decision to fund these items will be contingent upon prioritization and availability of funding. Long-term opportunities are based on future needs, and the implementation timeframe will be contingent upon demand created by increased park use and available funding.

B FUNDING SOURCES

A variety of funding sources are available to parks and recreation departments for partial financing of capital improvements. The largest funding source available originates as grants from the MDNR. State and federal grants are available for habitat restoration and environmental programming; state and federal grants are available for recreation facilities; and unique donor opportunities from businesses, individuals, organizations and foundations are available for all types of improvement projects. Grants that require matching funding can be realized in the form of in-kind services associated with labor from volunteers and park staff. This method is most applicable and strongly encouraged for the implementation of habitat restoration projects, which typically occur through volunteer programs.

Millage Revenue¹

In 1966, Oakland County voters approved a ¼ mill tax levy that allowed the Oakland County Parks and Recreation Commission to acquire, maintain and operate park land throughout the county. The parks and recreation millage has been renewed six times, most recently in the summer of 2000. It will expire in 2011. The current revenue from the millage tax levy has increased from \$9,030,043 in 2002 to \$12,811,365 in 2005.

Fees and Charges¹

To offset the cost of maintaining high quality facilities, the Oakland County Parks and Recreation Commission annually adopts a graduated fee schedule for use of the county parks.

¹ Source: *2007 Oakland County Parks and Recreation Master Plan*

C ITEMIZED CONSTRUCTION COST ESTIMATE

<u>Description</u>	<u>Quantity</u>	<u>Total Cost</u>
I Fish Lake Road Trail Head Parking Area and Entrance Drive		
Entrance Drive (gravel surface 24' wide)	350 LF	\$ 20,000
Parking Lot Gravel Surface – 40 Stalls	40	\$ 40,000
Parking Lot Fencing	600 LF	\$ 9,000
Picnic Pavilion (long-term opportunity)	1	\$ 100,000
Restrooms (long-term opportunity)	1	\$ 15,000
Site Water (use existing well head)	1	\$ 5,000
Site Electric (long-term opportunity)	1	\$ 8,000
Park Gateway Sign and Gate	1	\$ 12,000
Trail Head Kiosk	1	\$ 4,000
Site Restoration	1	\$ 5,000
Engineering and Contingency		<u>\$ 54,000</u>
Total Fish Lake Road Trail Head Parking Area and Entrance Drive		\$ 272,000
2 Equestrian Parking Area and Trail Head		
Stabilized Turf Parking Area	1	\$ 35,000
Hitching Posts	150 LF	\$ 3,000
Manure Bin (wood enclosure)	1	\$ 1,000
Watering Trough	3	\$ 5,000
Trail Head Kiosk (secondary)	1	\$ 3,000
Site Restoration		\$ 3,000
Engineering and Contingency		<u>\$ 10,000</u>
Total Equestrian Parking Area and Trail Head		\$ 60,000

<u>Description</u>	<u>Quantity</u>	<u>Total Cost</u>
3 Buckhorn Lake Road Trail Head Parking Area and Entrance Drive		
Entrance Drive (gravel surface 24' wide)	110 LF	\$ 7,000
Parking Lot – 20 Stalls (gravel surface)	20	\$ 20,000
Parking Lot Fencing	600 LF	\$ 9,000
Picnic Pavilion (long-term opportunity)	1	\$ 100,000
Restrooms (long-term opportunity)	1	\$ 15,000
Site Water (long-term opportunity)	1	\$ 10,000
Site Electric (long-term opportunity)	1	\$ 5,000
Park Gateway Sign and Gate	1	\$ 12,000
Trail Head Kiosk	1	\$ 4,000
Site Restoration		\$ 2,000
Engineering and Contingency		<u>\$ 40,000</u>
Total Buckhorn Lake Trail Head Parking Area and Entrance Drive		\$ 224,000
4 Multi-Use Facility (Long-Term Opportunity)		
Multi-Use Small Building: 1,500 SF (building furnishings not included)	1	\$ 300,000
Site Improvements (patio, benches, landscape)	1	\$ 25,000
Site Utilities: Water, Electric	1	\$ 25,000
Paved Entrance Drive (24' wide)	3,000 LF	\$ 250,000
Paved Parking – 40 Stalls	40	\$ 55,000
Picnic Shelter	1	\$ 100,000
Hitching Post	50 LF	\$ 1,000
Park Gateway Sign and Gate	1	\$ 12,000
Site Interpretive Signage	5	\$ 10,000
Site Restoration		\$ 6,000
Engineering and Contingency		<u>\$ 200,000</u>
Total Multi-Use Facility		\$ 984,000

<u>Description</u>	<u>Quantity</u>	<u>Total Cost</u>
5 Gravel Trailway		
Gravel Surface (8' wide) with Grass Shoulders	5.2 Miles	\$ 400,000
Wood Boardwalk (8' wide)	450 LF	\$ 100,000
Wayfinding	16	\$ 4,000
Site Interpretive Signage	8	\$ 16,000
Site Restoration		\$ 10,000
Engineering and Contingency		<u>\$ 130,000</u>
Total Gravel Trailway		<u>\$ 660,000</u>
6 Asphalt Trailway		
Asphalt Pavement Surface (8' Wide) with Grass Shoulders	2.9 Miles	\$ 400,000
Wetland/Stream Crossing (box culvert or boardwalk)	1,200 LF	\$ 250,000
Wayfinding	10	\$ 2,500
Interpretive Signage	4	\$ 8,000
Site Restoration		\$ 9,000
Engineering and Contingency		<u>\$ 160,500</u>
Total Asphalt Trailway		<u>\$ 830,000</u>
7 Back-Country Trail		
Gravel Surface (5' wide) with Grass Shoulders	4.0 Miles	\$ 220,000
Wood Boardwalk (8' wide)	5,000 LF	\$1,000,000
Wayfinding	16	\$ 4,000
Interpretive Signage	12	\$ 24,000
Site Restoration		\$ 5,000
Engineering and Contingency		<u>\$ 300,000</u>
Total Back-Country Trail		<u>\$1,553,000</u>

<u>Description</u>	<u>Quantity</u>	<u>Total Cost</u>
8 Single Track		
Cleared Path on Existing Grade	2.4 Miles	\$ 65,000
Wood Boardwalk (5' wide)	1,100 LF	\$ 145,000
Wayfinding	4	\$ 1,000
Interpretive Signage	4	\$ 8,000
Site Restoration		\$ 1,000
Engineering and Contingency		<u>\$ 50,000</u>
Total Single Track		\$ 270,000
9 Floating Platforms		
Wood Floating Platforms (8' wide)	5	\$ 250,000
Wayfinding	4	\$ 1,000
Interpretive Signage	5	\$ 10,000
Site Restoration		\$ 1,000
Engineering and Contingency		<u>\$ 65,000</u>
Total Floating Platforms		\$ 327,000
10 Vistas		
Wood Viewing Platform (20' x 30')	1	\$ 24,000
On-Grade Pavement (10' x 20')	2	\$ 4,000
Benches	6	\$ 3,000
Interpretive Signage	4	\$ 8,000
Site Restoration		\$ 1,000
Engineering and Contingency		<u>\$ 10,000</u>
Total Vistas		\$ 50,000

<u>Description</u>	<u>Quantity</u>	<u>Total Cost</u>
11 Gated Maintenance Access		
Gravel Approach (15' x 60')	4	\$ 4,000
Gravel Drive Along ITC Corridor (15' wide)	2,000 LF	\$ 22,000
Bar Gates (12' Wide)	5	\$ 10,000
Security Signage	5	\$ 1,000
Site Restoration		\$ 2,000
Engineering and Contingency		<u>\$ 10,000</u>
Total Gated Maintenance Access		\$ 49,000
Total Park Improvements		\$5,279,000

