

Mecosta County Parks

3/10/2022

Davis Bridge Natural Shoreline & Park Improvements

Engineers Estimate

MNRTF Development Grant

#2220353

<b>Site Work</b>	<b>Units</b>	<b>Quantity</b>	<b>Cost Per Unit</b>	<b>Total</b>
Removals and Grading	LS	1	\$ 25,000.00	\$ 25,000.00
Silt Fence/SESC	LF	750	\$ 2.50	\$ 1,875.00
4" Concrete Sidewalk	SF	5300	\$ 7.00	\$ 37,100.00
6" Aggregate Base Parking	SYD	7550	\$ 12.00	\$ 90,600.00
HMA Drive & Parking	TON	1175	\$ 175.00	\$ 205,625.00
<b>Amenities</b>				
BF Fishing Platform	LS	1	\$ 65,000.00	\$ 65,000.00
Shoreline Walkdown	LS	1	\$ 5,000.00	\$ 5,000.00
BF Kayak Launch & 20'Gangway	LS	1	\$ 60,000.00	\$ 60,000.00
BF Vault Restroom Building	EA	2	\$ 50,000.00	\$ 100,000.00
Picnic/table Structure (1 BF)	EA	4	\$ 12,000.00	\$ 48,000.00
Watertrail/Educational/Trailhead Signs	EA	3	\$ 1,500.00	\$ 4,500.00
Benches	EA	2	\$ 1,500.00	\$ 3,000.00
Directional Signage	EA	6	\$ 200.00	\$ 1,200.00
BF Parking Signage	EA	3	\$ 200.00	\$ 600.00
Parking Lot Striping	LS	1	\$ 2,500.00	\$ 2,500.00
Bike Repair Station	EA	1	\$ 2,500.00	\$ 2,500.00
Bike Rack Loops	EA	3	\$ 500.00	\$ 1,500.00
Traffic Control Boulders	EA	15	\$ 150.00	\$ 2,250.00
Trash Receptacles	EA	3	\$ 1,000.00	\$ 3,000.00
<b>Miscellaneous</b>				
Naturalized Slope Stabilization	LS	1	\$ 10,000.00	\$ 10,000.00
Restoration Turf Seeding w/topsoil	SYD	1900	\$ 4.00	\$ 7,600.00
Native Trees	Ea	5	\$ 450.00	\$ 2,250.00
Native Plantings	LS	1	\$ 4,500.00	\$ 4,500.00
EGLE Permit	Ea	1	\$ 500.00	\$ 500.00
MDNR Recognition Sign	Ea	1	\$ 250.00	\$ 250.00
			Subtotal	\$ 684,350.00
Contingency	10%			\$ 68,000.00
Engineering	10%			\$ 75,000.00
<b>TOTAL PROJECT COSTS</b>				<b>\$ 827,350.00</b>

<b>MDNR Trust Fund Grant</b>				
Grant Portion			36%	\$ 300,000.00
County Parks Match (25% Min)			64%	\$ 527,350.00

\*Exceeding minimum match earns additional points

\*This estimate is Not a guarantee of costs