

Mecosta County Parks

Brower Park Shallow Water Boat/Kayak/Fishing Improvements

2/24/2021

Engineers Estimate - Concept 2

MNRTF Development Grant

#2210208

Site Work	Units	Quantity	Cost Per Unit	Total
Removals and Grading	LS	1	\$ 15,000.00	\$ 15,000.00
Silt Fence	LF	500	\$ 2.50	\$ 1,250.00
4" Concrete Sidewalk	SF	1350	\$ 7.00	\$ 9,450.00
6' Boardwalk & BF Fishing Overlook	SF	375	\$ 90.00	\$ 33,750.00
6" Parking Lot Gravel	SYD	2600	\$ 12.00	\$ 31,300.00
Parking Lot HMA	TONS	425	\$ 125.00	\$ 54,000.00
Shallow Water Launch Improvements	Ea	1	\$ 40,000.00	\$ 40,000.00
Boat Wash Off Station	EA	1	\$ 5,000.00	\$ 5,000.00
BF Vault Restroom Building	EA	1	\$ 40,000.00	\$ 40,000.00
Split Rail Fence	LF	300	\$ 15.00	\$ 4,500.00
Amenities				
Benches	EA	2	\$ 1,500.00	\$ 3,000.00
Directional Signage	EA	4	\$ 200.00	\$ 800.00
Parking Lot Striping	LS	1	\$ 1,500.00	\$ 1,500.00
BF Parking Signage	EA	1	\$ 200.00	\$ 200.00
BF Kayak Launch & 20' Gangway	Lsum	1	\$ 60,000.00	\$ 60,000.00
Watertrail/Fishing/Aquatic Invasive Signs	EA	3	\$ 1,500.00	\$ 4,500.00
Trash Receptacles	EA	3	\$ 1,000.00	\$ 3,000.00
Miscellaneous				
Restoration Turf Seeding w/topsoil	SYD	1750	\$ 4.00	\$ 7,000.00
Stormwater Bioswale/ Raingarden	SYD	90	\$ 25.00	\$ 2,250.00
Native Trees	Ea	5	\$ 450.00	\$ 2,250.00
Native Plantings	LS	1	\$ 2,500.00	\$ 2,500.00
EGLE Permit	Ea	1	\$ 500.00	\$ 500.00
MDNR Recognition Sign	Ea	1	\$ 250.00	\$ 250.00
			Subtotal	\$ 322,000.00
Contingency (10%)				\$ 32,000.00
Engineering (15%)				\$ 48,000.00
TOTAL PROJECT COSTS				\$ 402,000.00

MDNR Trust Fund Grant				
Grant Portion			74%	\$ 298,000.00
County Parks Match (25% Min)			26%	\$ 104,000.00

*Exceeding minimum match earns additional points

*This estimate is Not a guarantee of costs

70%	\$ 281,400.00
30%	\$ 120,600.00