

2021.10.25 LBP Waterfront 30% Design Cost Estimate DRAFT

Project Element	Estimated Contract Cost	Design Contingency	Mobilization	Construction Contingency	MI Sales Tax	Escalation to 2024	Total Probable Cost			
		20.00%	10.00%	10.00%	10.10%	8.36%				
Large (>26') Powerboat Moorage	\$ 304,235	\$ 60,847	\$ 30,424	\$ 30,424	\$ 30,728	\$ 38,177	\$ 494,833			
Small (<26') Powerboat Moorage	\$ 1,071,020	\$ 214,204	\$ 107,102	\$ 107,102	\$ 108,173	\$ 134,395	\$ 1,741,996			
Non-Powered Watercraft Moorage	\$ 210,740	\$ 42,148	\$ 21,074	\$ 21,074	\$ 21,285	\$ 26,444	\$ 342,765			
Waterfront Access Improvements	\$ 37,464	\$ 7,493	\$ 3,746	\$ 3,746	\$ 3,784	\$ 4,701	\$ 60,935			
Stormwater Management Improvements	\$ 317,929	\$ 63,586	\$ 31,793	\$ 31,793	\$ 32,111	\$ 39,895	\$ 517,106			
Non-Eligible Project Elements	\$ 682,713	\$ 53,289	\$ 26,645	\$ 26,645	\$ 26,911	\$ 33,435	\$ 849,638			
<i>Plaza & Landscape Improvements</i>	\$ 113,287	\$ 22,657	\$ 11,329	\$ 11,329	\$ 11,442	\$ 14,216	\$ 184,259			
<i>On-grade ramp to Outdoor Classroom</i>	\$ 83,124	\$ 16,625	\$ 8,312	\$ 8,312	\$ 8,396	\$ 10,431	\$ 135,200			
Building Improvements	\$ 416,267						\$ 416,267			All costs included in base cost
<i>Outdoor Classroom</i>	\$ 116,136						\$ 116,136			All costs included in base cost
<i>Access Ramp</i>	\$ 76,993						\$ 76,993			All costs included in base cost
<i>Other Improvements</i>	\$ 223,137						\$ 223,137			All costs included in base cost
<i>Irrigation Intake</i>	\$ 29,745	\$ 5,949	\$ 2,975	\$ 2,975	\$ 3,004	\$ 3,733	\$ 48,380			
<i>North Beach Expansion</i>	\$ 15,224	\$ 3,045	\$ 1,522	\$ 1,522	\$ 1,538	\$ 1,910	\$ 24,762			
<i>Site Furnishings</i>	\$ 14,755	\$ 2,951	\$ 1,476	\$ 1,476	\$ 1,490	\$ 1,852	\$ 23,999			
<i>Plantings</i>	\$ 10,311	\$ 2,062	\$ 1,031	\$ 1,031	\$ 1,041	\$ 1,294	\$ 16,771			
Integrated Art @ 1%	\$ 26,241	\$ 5,248	\$ 2,624	\$ 2,624	\$ 2,650	\$ 3,293	\$ 42,681			
Total Project Construction Cost	\$ 2,650,342						\$ 4,049,953			
Total for Outdoor Classroom							\$ 328,330			