

# EVALUATION CRITERIA

The Alternatives will be assessed using the Evaluation Criteria to identify which Alternative(s) best meet the Project Vision and Objectives (for each Shoreline Segment).

**Objective: Protect and Enhance Terrestrial & Aquatic Natural Features and Linkages**

CRITERIA	INDICATORS
Extent of aquatic habitat enhanced or diminished	<ul style="list-style-type: none"> <li>Ability to create or improve aquatic habitat.</li> <li>Potential to improve aquatic habitat connectivity.</li> <li>Amount and quality of aquatic habitat lost.</li> <li>Amount of habitat compensation required.</li> <li>Potential for impact on Species at Risk.</li> </ul>
Extent of terrestrial habitat attributes enhanced or diminished	<ul style="list-style-type: none"> <li>Ability to create or improve terrestrial habitat.</li> <li>Potential to improve opportunities for terrestrial habitat connections.</li> <li>Potential for loss of terrestrial habitat, including consideration of quality of habitat.</li> <li>Potential for impact on Areas of Natural or Scientific Interest (ANSIs) or Environmental Sensitive Areas (ESAs).</li> <li>Potential for impact on Species at Risk.</li> </ul>
Ability to contribute to improved water quality	<ul style="list-style-type: none"> <li>Ability to use, improve, or manage local sources of stormwater.</li> </ul>
Resilience and adaptability of new habitat features to potential climate change impacts	<ul style="list-style-type: none"> <li>Potential for aquatic habitat features to adapt to changes to lake and shoreline processes resulting from climate change.</li> <li>Ability of new terrestrial habitat features to adapt to changes to lake and shoreline processes potentially resulting from climate change.</li> </ul>

**Objective: Manage Public Safety and Property Risk**

CRITERIA	INDICATORS
Ability to minimize public safety risk and property loss as a result of slope erosion/failure	<ul style="list-style-type: none"> <li>Ability to provide safe public access along the water's edge in a manner that is sensitive to the potential for slope erosion/failure.</li> <li>Ability to address the potential loss of public property as a result of slope erosion/failure.</li> <li>Potential for impact on nearshore and alongshore sediment transport.</li> </ul>
Ability to minimize public safety risk as a result of coastal processes	<ul style="list-style-type: none"> <li>Ability to provide safe public access along the water's edge in a manner that is sensitive to lake wave action/icing.</li> <li>Potential for altered or new shoreline configurations to introduce new risk conditions along the shoreline.</li> </ul>
Improve Emergency Services access to the waterfront	<ul style="list-style-type: none"> <li>Ability to provide additional Emergency Services access to the waterfront.</li> </ul>
Ability to accommodate source water protection areas	<ul style="list-style-type: none"> <li>Potential for impacts on water quality at water intake pipe locations.</li> </ul>
Resilience of shoreline protection works to potential climate change impacts	<ul style="list-style-type: none"> <li>Potential for shoreline works to accommodate natural changes resulting from climate change.</li> </ul>

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## Objective: Provide an Enjoyable Waterfront Experience

CRITERIA	INDICATORS
Improve public access to the waterfront	<ul style="list-style-type: none"> <li>• Potential to provide improved public access along the water's edge, including considerations for AODA accessibility.</li> <li>• Potential to improve access from the tablelands to the shoreline, including considerations for AODA accessibility.</li> <li>• Ability to provide safe, direct public access to the water.</li> </ul>
Improve views and viewscales of shoreline	<ul style="list-style-type: none"> <li>• Opportunities to provide/improve views/viewscales to Lake Ontario and to the Bluffs.</li> </ul>
Ability to minimize change to existing bluff character	<ul style="list-style-type: none"> <li>• Potential for impacts to the physical/geological character of the Cathedral Bluffs, Needles Formation, and East Point Park Bluffs.</li> </ul>
Potential for changes to the use of the waterfront for recreation	<ul style="list-style-type: none"> <li>• Potential for change to existing sand beaches at Bluffer's Park and East Point Park.</li> <li>• Ability to accommodate a multi-use trail.</li> </ul>

## Objective: Consistency and Coordination with other Initiatives

CRITERIA	INDICATORS
Ability to integrate with City and other agency plans and initiatives	<ul style="list-style-type: none"> <li>• Ability to integrate with new and proposed infrastructure.</li> <li>• Compatibility with existing land uses and infrastructure.</li> <li>• Consistency with the goals of the MNRF Fish Community Objectives for Lake Ontario.</li> <li>• Consistency with the goals and objectives of the Management Plan for Guild Park and Gardens.</li> <li>• Consistency with the Bikeway Trails Implementation Plan.</li> <li>• Consistency with the Integrated Shoreline Management Plan.</li> </ul>
Potential impact on archaeological resources, built heritage resources, and cultural heritage landscapes	<ul style="list-style-type: none"> <li>• Potential for impact on traditional land uses and valued cultural features.</li> <li>• Potential to impact known or potential archaeological sites.</li> <li>• Potential to impact known built heritage sites, and cultural heritage landscapes.</li> </ul>

## Objective: Achieve Value for Cost

CRITERIA	INDICATORS
Estimated capital cost	<ul style="list-style-type: none"> <li>• Estimated cost to construct (relative to each other).</li> <li>• Potential amount of waterlot and property acquisition required (relative to each other).</li> </ul>
Potential for project phasing	<ul style="list-style-type: none"> <li>• Potential to construct the project in phases.</li> </ul>
Maintenance and operations costs	<ul style="list-style-type: none"> <li>• Relative maintenance and operation costs.</li> </ul>