

Water's Edge Summary Table

Category	Preferred Feature of Concept A (Stone Lookouts)	Preferred Features of Concept B (Planted Piers)
Natural Environment	Preferred <ul style="list-style-type: none"> Improves protection of the shoreline^[a] which is a key requirement for redeveloping this Zone. 	Less Preferred <ul style="list-style-type: none"> Provides some protection to shoreline, but less than Concept A.
	Less Preferred <ul style="list-style-type: none"> Requires design modification to integrate vegetation providing opportunity for habitat and improvement to air quality. 	Preferred <ul style="list-style-type: none"> Opportunity to enhance natural environment with increased vegetation. Vegetation provides greater contribution to overall habitat quality and quantity, and better chance of improving air quality. Slightly lower wildlife mortality risk during construction.
	Preferred <ul style="list-style-type: none"> Continuous Public Walkway located further from the shoreline, which maintains water quality by reducing the potential for salt from winter maintenance to flow toward Lake Ontario. Design can also be modified to add vegetation. 	Less Preferred <ul style="list-style-type: none"> Opportunity for increasing water quality parameters through the use of vegetation in the soft shoreline component. Continuous Public Walkway is closer to Lake Ontario, increasing the potential for salt from winter maintenance to reach the water.
<i>Preference</i>	Preferred Greater shoreline protection. Modifications to design will include increasing vegetation.	Less Preferred
Social Environment	Preferred <ul style="list-style-type: none"> Allows for more seating; however, the seating along the stone lookouts is only partially accessible to all site users. Allows site users to step or climb down closer to the water to enjoy close proximity to the lake. 	Less Preferred <ul style="list-style-type: none"> Keeps site users at a higher level away from the edge of Lake Ontario.
	Less Preferred <ul style="list-style-type: none"> Design can also be modified to add vegetation (preferred from public feedback), but this option will result in less vegetation than Concept B. 	Preferred <ul style="list-style-type: none"> Public feedback indicates a strong preference for Concept B including vegetation throughout the shoreline design.
<i>Preference</i>	Preferred Allows site users close proximity to the lake and modification to design will include some vegetation to soften the stone look of the shoreline design.	Less Preferred
Cultural Environment	Preferred Greater potential to integrate the Hough principles while maximizing the opportunity for the public to be near the water.	Less Preferred Limits proximity to the lake and does not integrate Hough principles.
	Preferred <ul style="list-style-type: none"> Greater flood protection (<i>Conservation Strategies for Climate Change from the Strategic Conservation Plan</i>) with the entire shoreline a hard shoreline. Existing art on site could be relocated to this zone. 	Less Preferred <ul style="list-style-type: none"> Shoreline is mix of hard and soft shoreline which reduces flood protection opportunity.
	Less Preferred <ul style="list-style-type: none"> Hard shoreline reduces ability to protect or enhance habitat. Modification to design provides some opportunity for vegetation and to plant culturally significant plant species. 	Preferred <ul style="list-style-type: none"> Slightly greater opportunity to integrate feedback from Indigenous communities since there is a combination of hard and soft shoreline to protect or enhance habitat, and provides more area to plant culturally significant plant species.
<i>Preference</i>	Preferred Modifications to design will include some vegetation while offering flood protection.	Less Preferred
Technical Environment	Preferred <ul style="list-style-type: none"> Provides a thickened and elevated shoreline that will meet or exceed the 100-year storm event criteria. 	Preferred <ul style="list-style-type: none"> Greater amount of vegetative cover, with less impervious surface in total. Provides a thickened and elevated shoreline that will meet or exceed the 100-year storm event criteria.
	Preferred <ul style="list-style-type: none"> Similar for obtaining permits, meeting applicable planning objectives and standards, and increasing the elevation at the shoreline. Creates a positive change to the existing pedestrian and cycling networks. 	Preferred <ul style="list-style-type: none"> Similar for obtaining permits, meeting applicable planning objectives and standards, and increasing the elevation at the shoreline. Creates a positive change to the existing pedestrian and cycling networks.
	Less Preferred <ul style="list-style-type: none"> Shoreline access areas will be closed during the winter months to reduce potential safety concerns due to slippery surface. 	Preferred <ul style="list-style-type: none"> No shoreline access area so area remains open during winter months.
<i>Preference</i>	Less Preferred Some closure of access areas during winter but modifications to design can increase vegetation.	Preferred No closure of access areas during winter and has less impervious surface.

Economic Environment	Preferred <ul style="list-style-type: none"> Requires less maintenance compared to Concept B but similar construction costs. Provides some economic opportunity during construction (e.g., jobs). 	Less Preferred <ul style="list-style-type: none"> Requires more maintenance than Concept A but similar construction costs. Provides some economic opportunity during construction (e.g., jobs).
<i>Preference</i>	Preferred Requires less maintenance.	Less Preferred
Sustainability	Less Preferred <ul style="list-style-type: none"> Design can be modified to increase vegetation cover but not to the extent of coverage of Concept B. 	Preferred <ul style="list-style-type: none"> Greater chance of reducing the heat island effect and withstanding a changing climate since there is an increase in vegetative cover.
	Preferred <ul style="list-style-type: none"> Contributes to sustainability through no continuous emissions (such as, air, greenhouse gases) and increases multi-use pathways and park area compared to existing conditions. 	Preferred <ul style="list-style-type: none"> Contributes to sustainability through no continuous emissions (such as, air, greenhouse gases) and increases multi-use pathways and park area compared to existing conditions.
<i>Preference</i>	Less Preferred Design modification will increase vegetation. Multi-use pathways and park area provided.	Preferred Greater vegetative cover to reduce heat island effect. Multi-use pathways and park area provided
OVERALL PREFERENCE	Preferred Modification to design provides additional vegetative features (e.g., planted edges, lake edge planting) and the ability for visitors to get closer to the lake. This concept provides greater opportunity for long-term shoreline protection, and additional seating along the shoreline without having to step or climb down the stone lookouts increasing its accessibility.	Less Preferred

Notes

[a] Shoreline: where the water meets the land