PUBLIC MEETING

WESTERN WATERFRONT MASTER PLAN

2008.04.03

DITORONTO planningAlliance

hall be Marinete



- 1. study overview
- 2. site analysis
- 3. alternatives
 - transportation
 - shoreline
 - facilities
 - natural heritage
 - stormwater + servicing
 - recreational programming
- 4. demonstration concept plan
- 5. conclusions + next stops

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WESTERN WATERFRONT MASTER PLAN

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We welcome your input on:

- 1. Our Identified Alternatives
- 2. Our Preliminary Concept Plan
- 3. Anything else you're about to see here tonight.

Please remember to register at the Front Desk, so we can keep in touch with you.

Please also remember to send us your completed comment form.

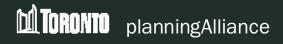
Please visit <u>www.toronto.ca/waterfront</u> for a copy of this presentation.





STUDY OVERVIEW





STUDY OVERVIEW

Four key milestones to date:

1. Public meeting on July 24, 2006

- a. Identified the need for a Master Plan as reflected in a strong message from the community and clear direction from Council
- b. Noted that a strong civic engagement process is critical.

2. Public meeting on June 7, 2007

- a. Reported that Council approved resources for the study in 2007 budget
- b. Asked for input on the Draft Terms of Reference for the study.

3. Public meeting on November 26, 2007

- a. Introduced the team and master planning process
- b. Reviewed opportunities and constraints for the Master Plan.

4. Educational seminar on February 13, 2008

a. Reviewed the history of the site, key precedents and preliminary directions.



Municipal Class EA for Infrastructure Related Improvements Problem/Opportunity Statement

The City of Toronto has initiated a planning process to revitalize the public realm along the Western Waterfront, which will include providing better connections from surrounding neighbourhoods to the parkland and improved amenities in the parkland to serve the local and regional needs. The public realm is in need of revitalization and improved accessibility.

- The existing infrastructure in the Western Waterfront Master Plan area, such as servicing, municipal water/wastewater, transit, and roads, may not meet the needs of the proposed accessibility, infrastructure, facility and commercial improvements outlined in the Plan.
- There is an opportunity through the planning process to identify changes or reconfiguration of the water, wastewater, stormwater, road, pedestrian and cycling facilities to implement a new vision for the area.

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Key issues identified at those meetings include the need for:

- 1. Meaningful public participation
- 2. Transparent decision-making
- 3. Comprehensive vision and land use concept
- 4. Improved connections to and within the Study Area
- 5. Encourage sustainable forms of transportation
- 6. Comprehensive parking strategy
- 7. Redesign of Lake Shore Boulevard
- 8. Improved water quality and beach quality
- 9. Enhanced natural heritage features and connections
- 10. Environmental sustainability
- 11. Diversity of year-round recreational activities
- 12. Celebration of cultural and natural heritage
- 13. Coordinate with TTC Streetcar West EA
- 14. Resolve Study Area boundaries.

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Study Purpose:

To prepare a Master Plan for the Western Waterfront that guides future decision-making regarding public realm improvements.

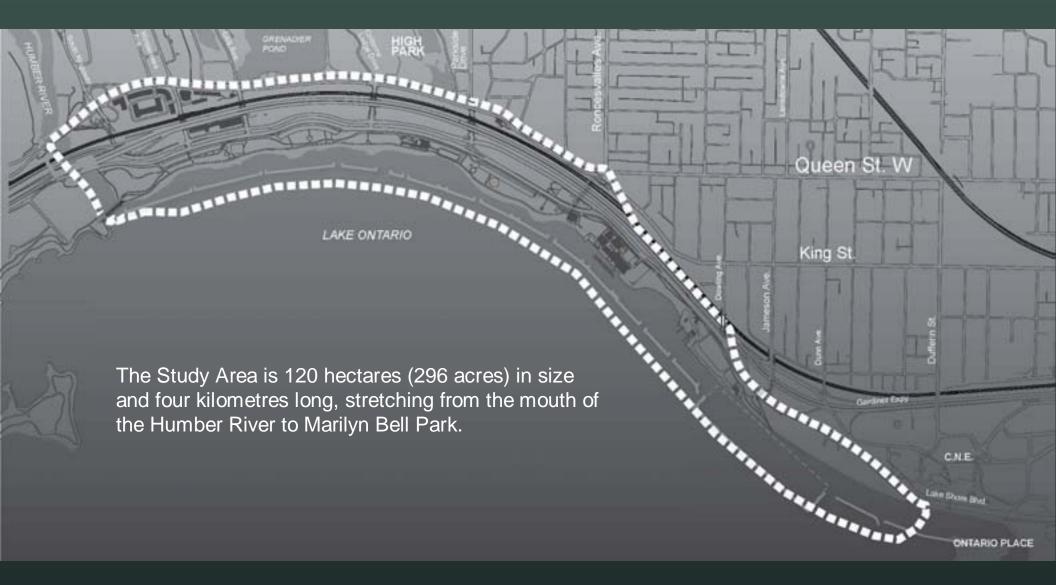
Key Deliverable:

A Comprehensive Plan that:

- 1. Defines an overall vision
- 2. Identifies specific improvements
- 3. Includes a detailed implementation strategy
- 4. Builds on an extensive Civic Engagement Strategy
- 5. Meets Phases 1 and 2 of the Municipal Class Environmental Assessment process for infrastructure-related improvements



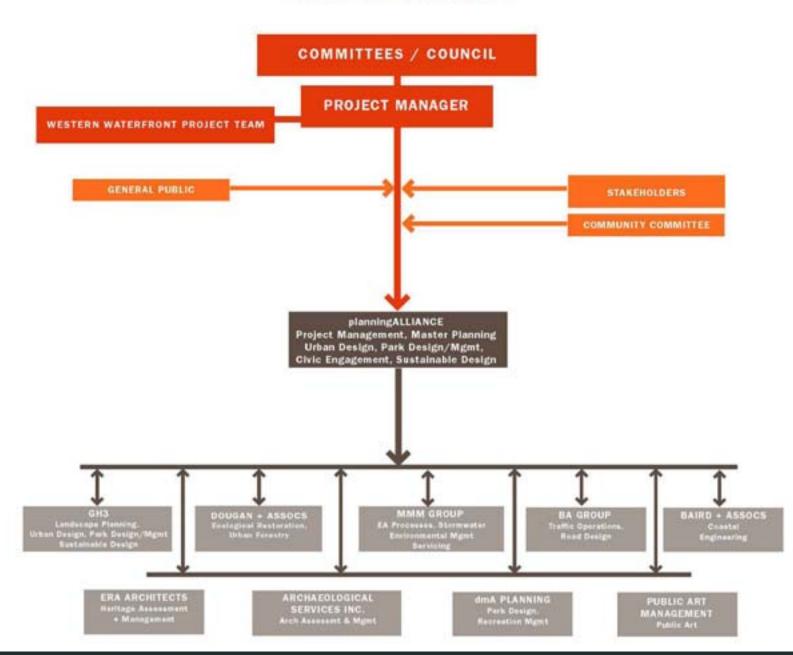
Study Area





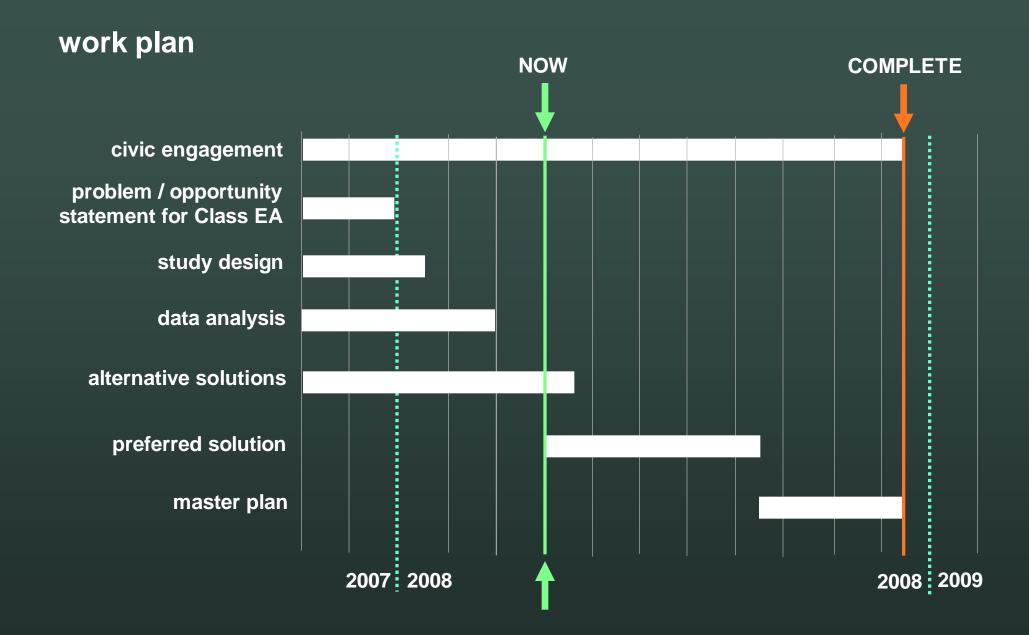


CITY OF TORONTO



WESTERN WATERFRONT 10

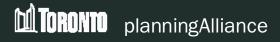
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SITE ANALYSIS





SITE ANALYSIS

Presented at Public Meeting #1 in late November

Topics included:

- 1. History of the Study Area
- 2. Archaeology
- 3. Cultural Heritage
- 4. Natural Heritage
- 5. Shoreline
- 6. Recreation
- 7. Transportation
- 8. Stormwater and Servicing
- 9. Planning and Civic Design.



Scales of Analysis



City



Neighbourhood

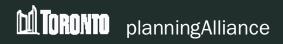


Study Area



Study Area Detail: Swansea South





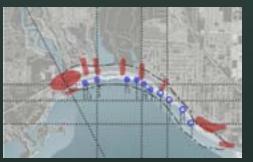
Key Analytical Maps



Wet Weather



Major Roads



Gateway / Nodes / Axes



Major Views



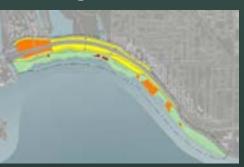
Public Transit



Buildings



Parking



Land Tenure



Bridges and Underpasses



Landmarks



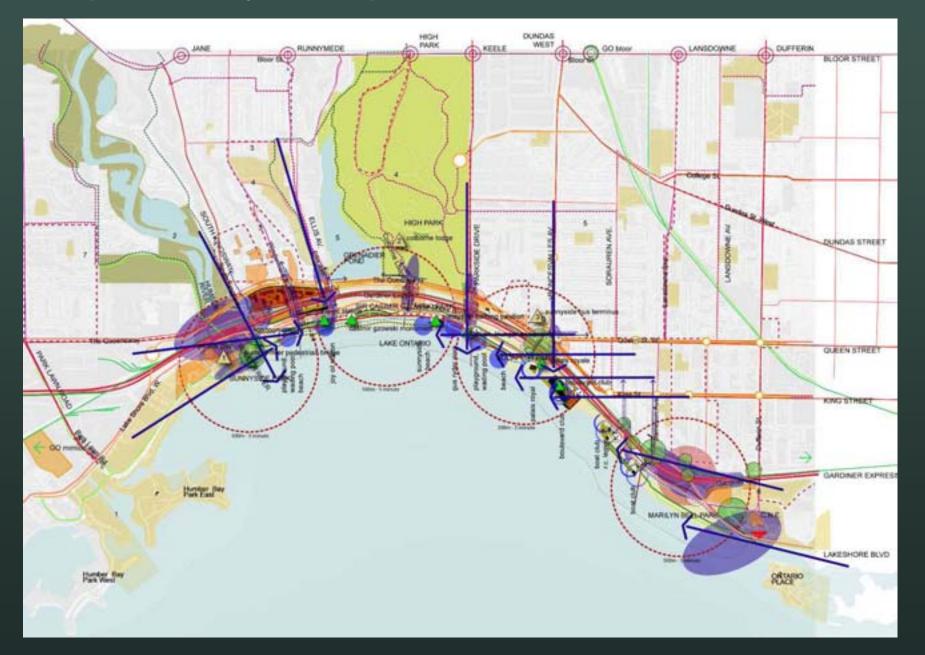
Corridors

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Composite Analytical Map





Potential Themes

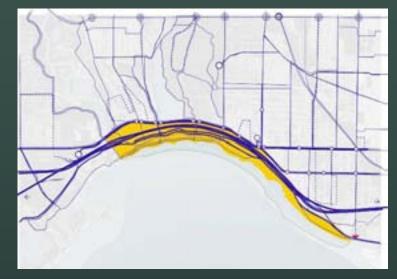
Existing Patchwork



Extension of City



Linear Park



Unique Place





Unique Place

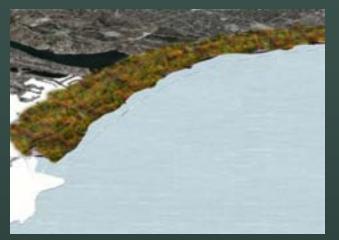
Meadow



Pleasure Ground



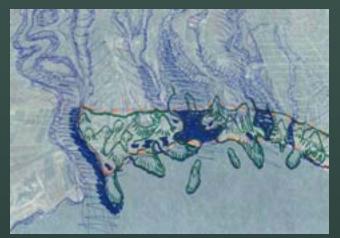
Forest



Beach

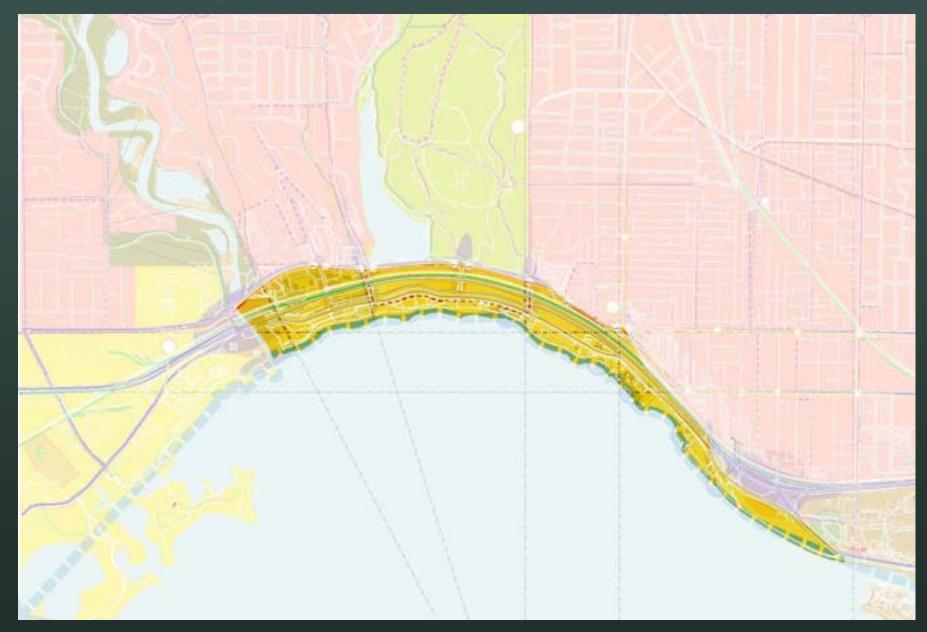


Super-Natural

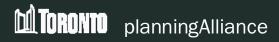




Overall Concept Plan



WESTERN WATERFRONT 19



ALTERNATIVES



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OVERVIEW OF ALTERNATIVES Categories

TRANSPORTATION

SHORELINE PROTECTION / LAND USE ENHANCEMENT

NATURAL HERITAGE

STORMWATER + SERVICING



Alternatives Considered

TRANSPORTATION	SHORELINE PROTECTION / ENHANCEMENT	LAND USE	NATURAL HERITAGE	STORMWATER + SERVICING
lakeshore alignment lakeshore character transit north/south connections MGT + boardwalk	shoreline protection water quality enhancement	facilities + concessions park surfaces recreational opportunity recreational focus	naturalized areas	stormwater water + wastewater

parking



LAND USE TRANSPORTATION SHORELINE PROTECTION / NATURAL STORMWATER + SERVICING HERITAGE lake shore lake shore north/south parking naturalized water quality facilities + stormwater water + alignment enhancement concessions areas wastewater

WESTERN WATERFRONT MASTER PLAN





TRANSPORTATION LAND USE NATURAL STORMWATER + SERVICING HERITAGE lake shore lake shore north/south parking naturalized water quality facilities + stormwater water + alignment enhancement concessions areas wastewater 1 1 1 1 1 1 2 2 2 2 2 2 2 3 3 3 3 3 3 3 3 4 5 5 5 5

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TRANSPORTATION







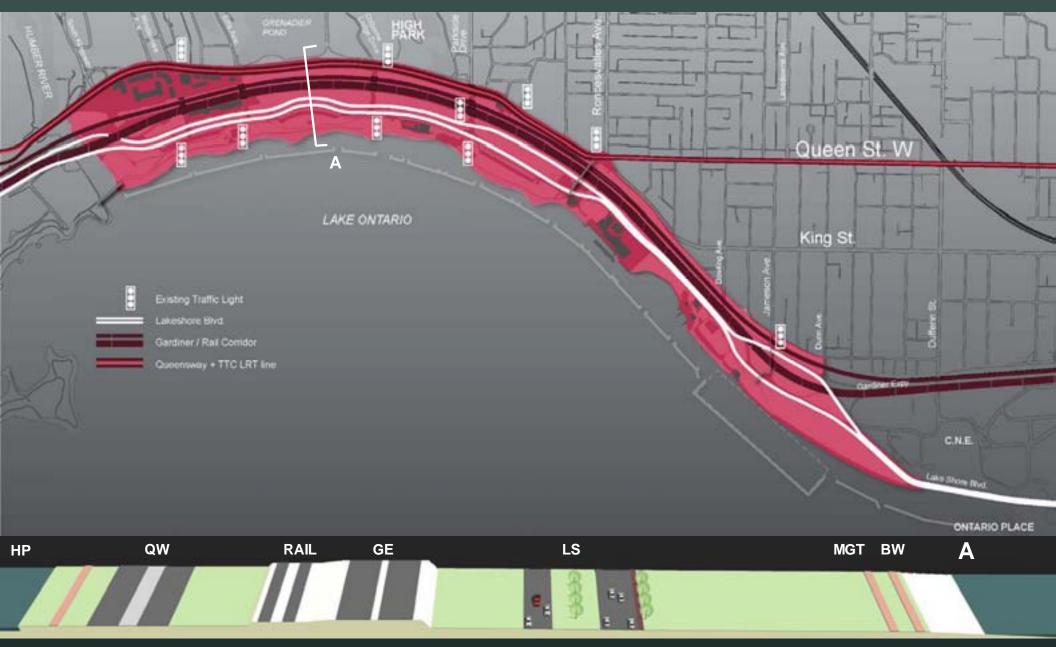
Lake Shore Alignment

Principles

- 1. Re-align LSB to increase useable park space on the Waterfront
- 2. Maintain basic function, utility and capacity of LSB / GE transportation corridor



LSB alignment ALTERNATIVE 1 / STATUS QUO



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LSB alignment ALTERNATIVE 2 / LSB MOVED HALFWAY "UP"



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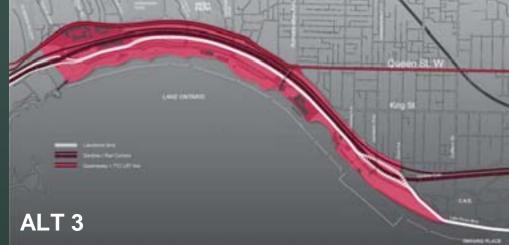
LSB alignment ALTERNATIVE 3 / LSB MOVED ALL THE WAY "UP"





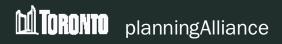




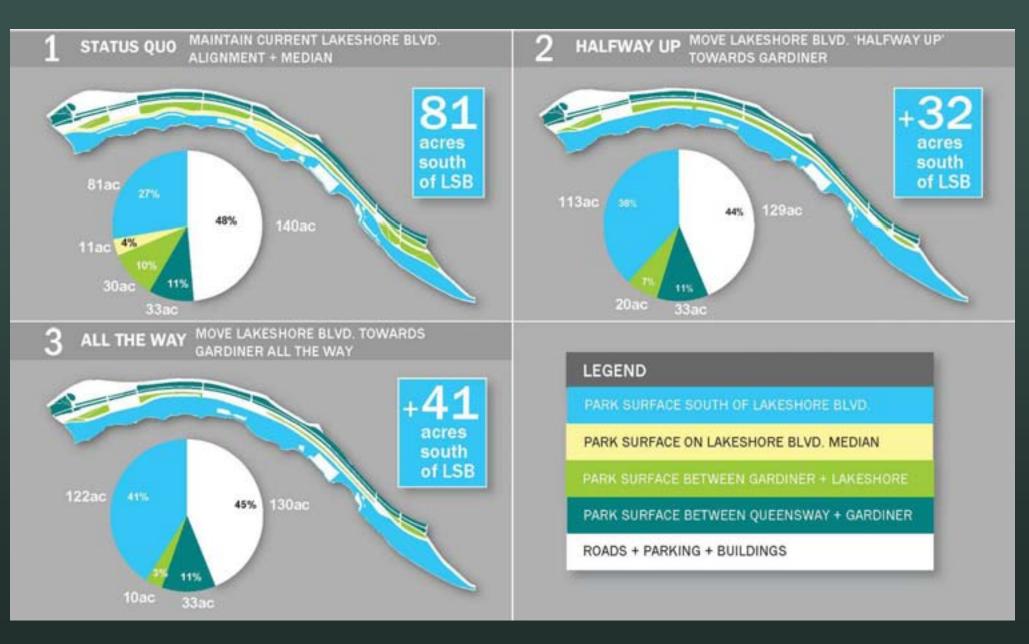








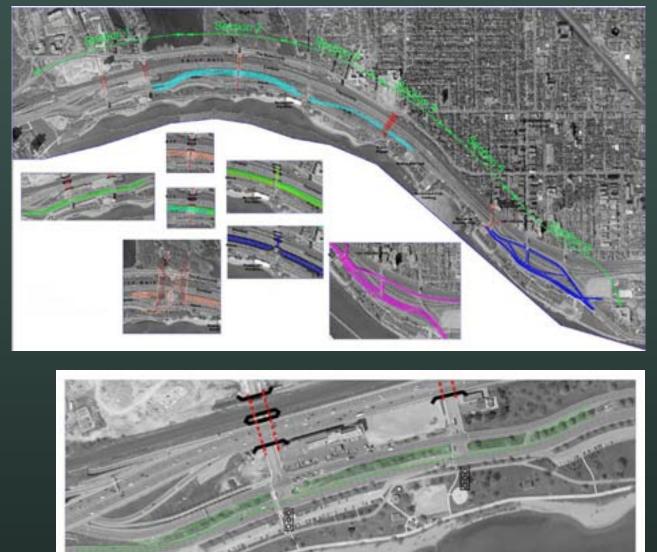
Case Study | Land Area Study



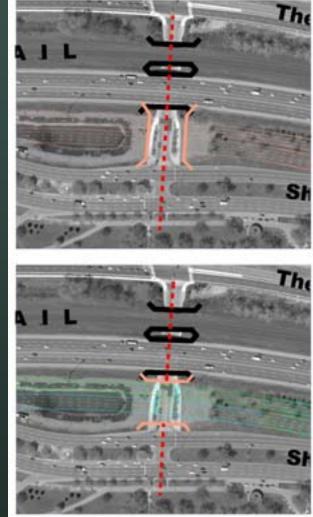
WESTERN WATERFRONT 31

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Case Study | Intersection Studies



Realign West Section LSB



Realignment of LSB Options at Colborrne Lodge

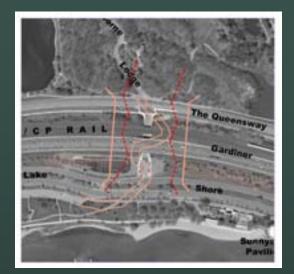


WESTERN WATERFRONT 32

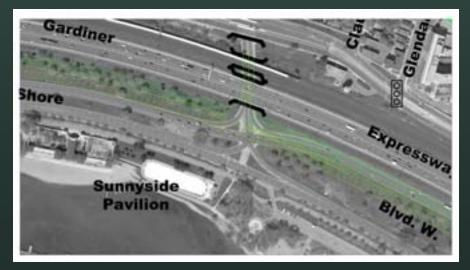
Case Study | Intersection Studies



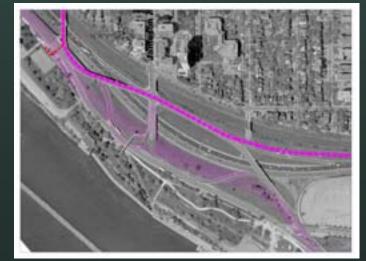
Grade Separation at Parkside



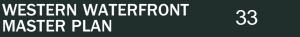
Realigned against Gardiner at Colborne Lodge

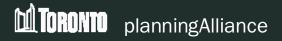


Normalized Intersection at Parkside

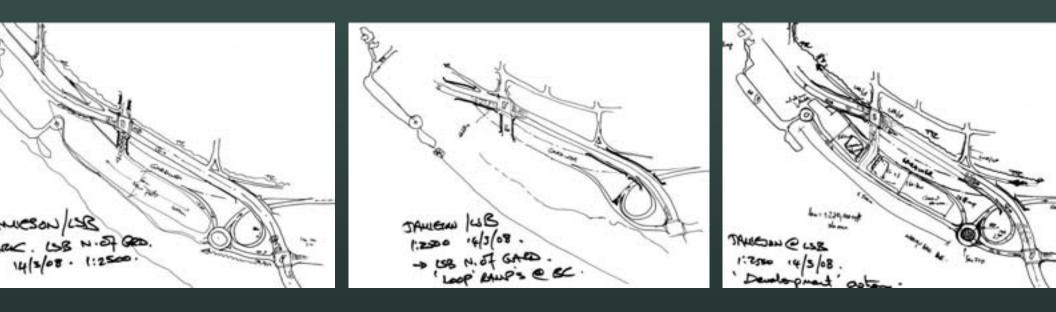


Realignment at "Spaghetti"





Case Study | Spaghetti





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Lake Shore Alignment Precedent





Lake Shore Drive, Chicago

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Lake Shore Character

Principles

- Improve pedestrian and cycling crossings
- Adopt physical changes to LSB to meet overall vision of study area
- Maintain basic function, utility and capacity of LSB / GE transportation corridor



LSB character ALTERNATIVE 1 \ STATUS QUO

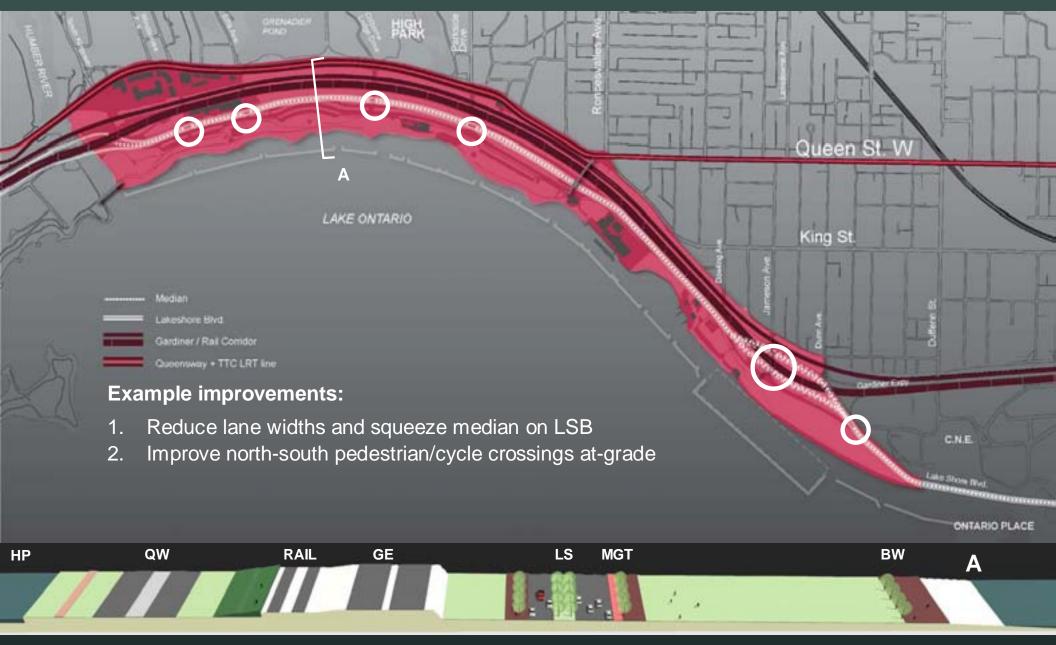


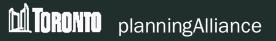
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LSB character ALTERNATIVE 2 / LSB AS BOULEVARD





LSB character ALTERNATIVE 3 / LSB AS GREAT STREET



WESTERN WATERFRONT MASTER PLAN



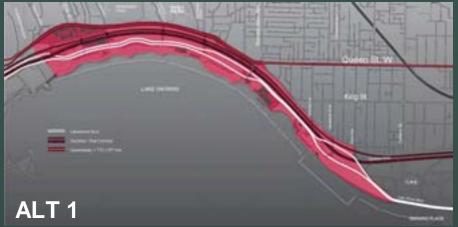
LSB character ALTERNATIVE 4 / LSB WITH GRADE SEPARATIONS

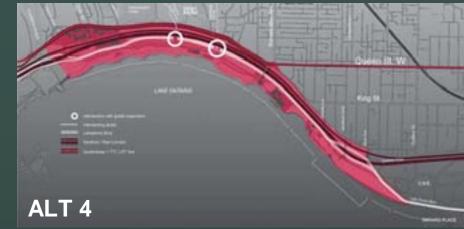


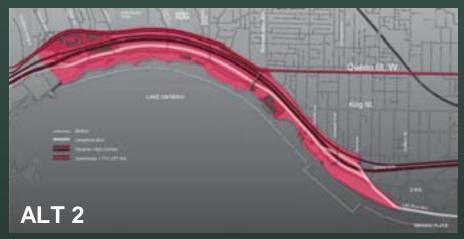
LSB character ALTERNATIVE 5 / LSB AS 4-LANE "MAIN STREET"

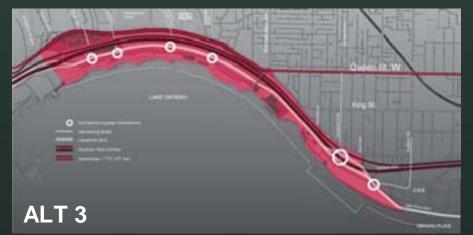


















Lake Shore Character Precedent



Waterfront Nice, France

Sunnyside Park / Sir Casimir Gzowski Park, Toronto, Ontario



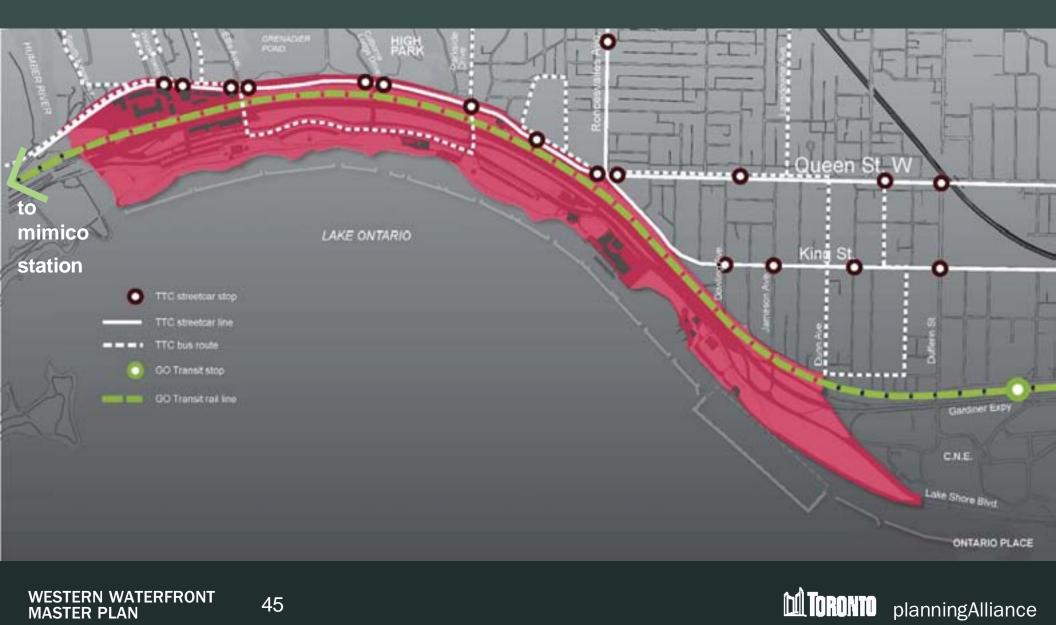
WESTERN WATERFRONT 43

Transit

Principles

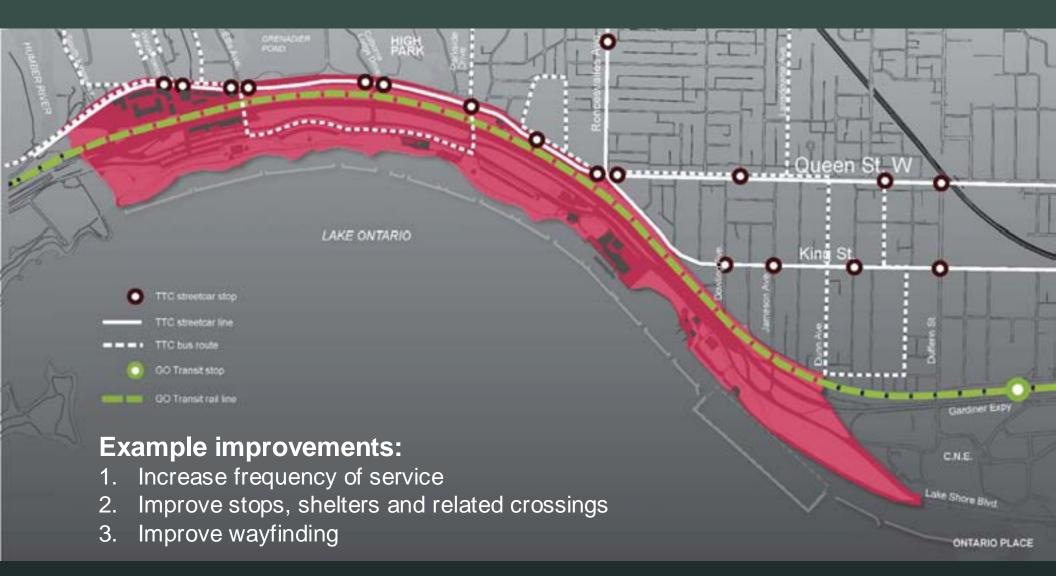
- Promote non-auto travel for visitors
- Improve access to existing transit services
- Enhance transit services, particularly during peak season

Transit ALTERNATIVE 1 / STATUS QUO



WESTERN WATERFRONT MASTER PLAN

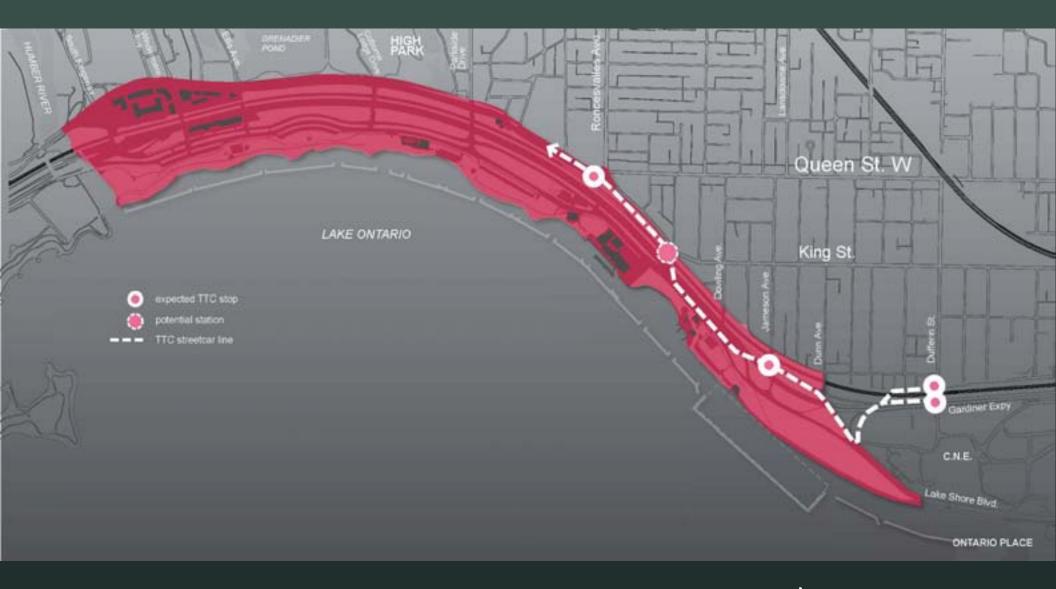
Transit ALTERNATIVE 2 / IMPROVE EXISTING



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WESTERN WATERFRONT 46

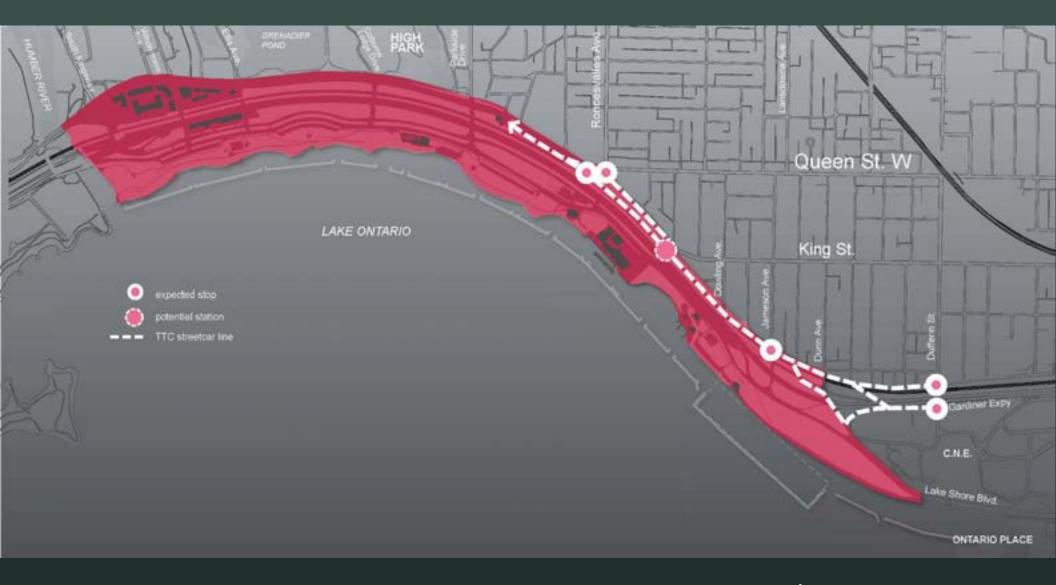
Transit ALTERNATIVE 3 / TTC ALTERNATIVE #1



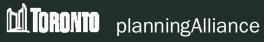
WESTERN WATERFRONT 47

Internet Description

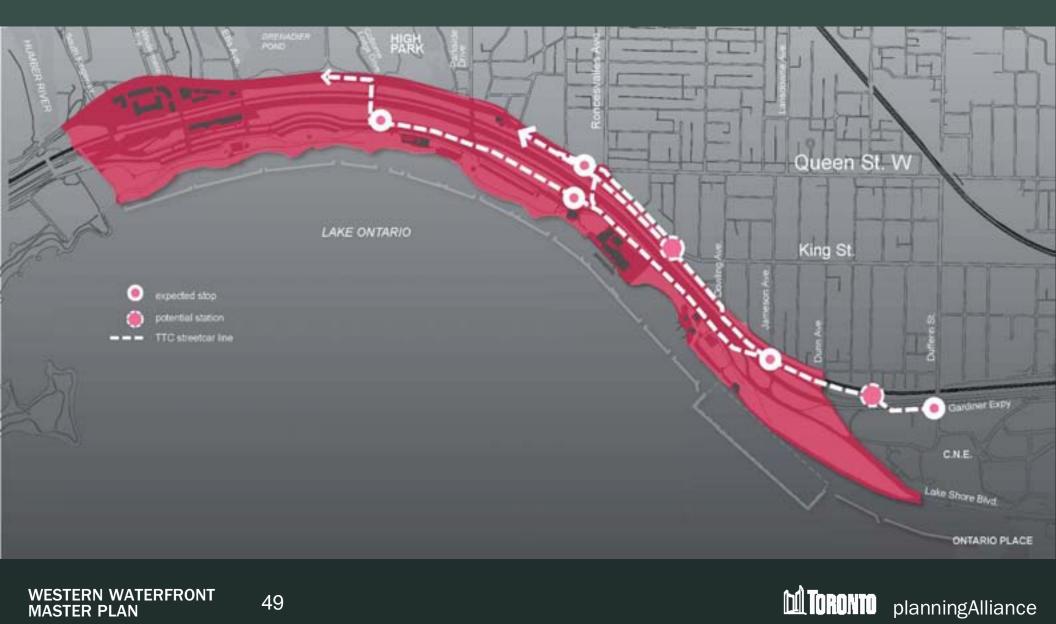
Transit ALTERNATIVE 4 / TTC ALTERNATIVE #2



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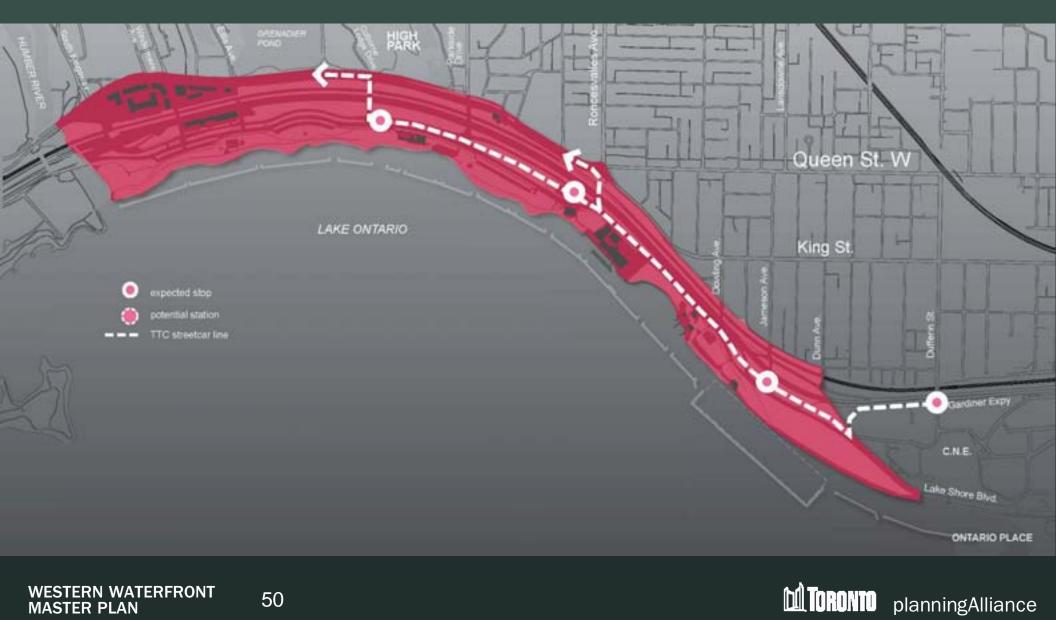


Transit ALTERNATIVE 5 / TTC ALTERNATIVE #3

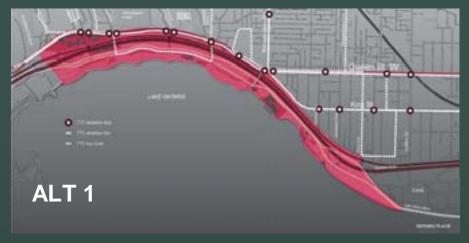


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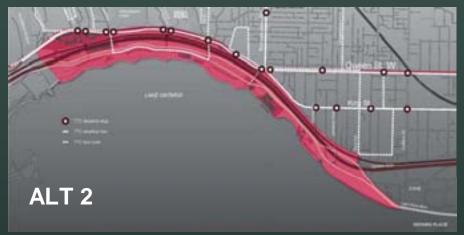
Transit ALTERNATIVE 6 / TTC ALTERNATIVE #4



WESTERN WATERFRONT MASTER PLAN















Transit Precedent

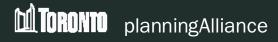


Queens Quay - Proposed Toronto

Streetcar ROW Dresden, Germany







North – South Connections

Principles

- Enhance existing -- and provide new -- north-south connections for pedestrians, bicyclists and transit
- Provide better access to the Waterfront for residents in neighbourhoods north of the Study Area
- Enhance wayfinding for visitors
- Reduce conflict between different modes of transportation



north-south connections ALTERNATIVE 1 \ STATUS QUO



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Internet Internet Internet

north-south connections ALTERNATIVE 2 \ CLOSE DOWLING AND COLBORNE LODGE



WESTERN WATERFRONT MASTER PLAN 55

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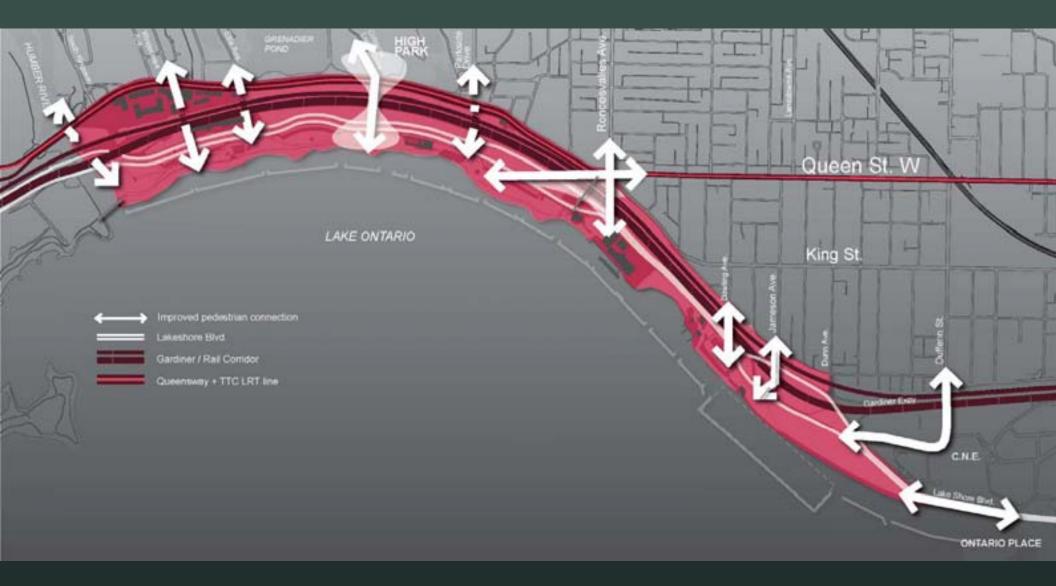
north-south connections ALTERNATIVE 3 \ IMPROVE EXISTING CONNECTIONS



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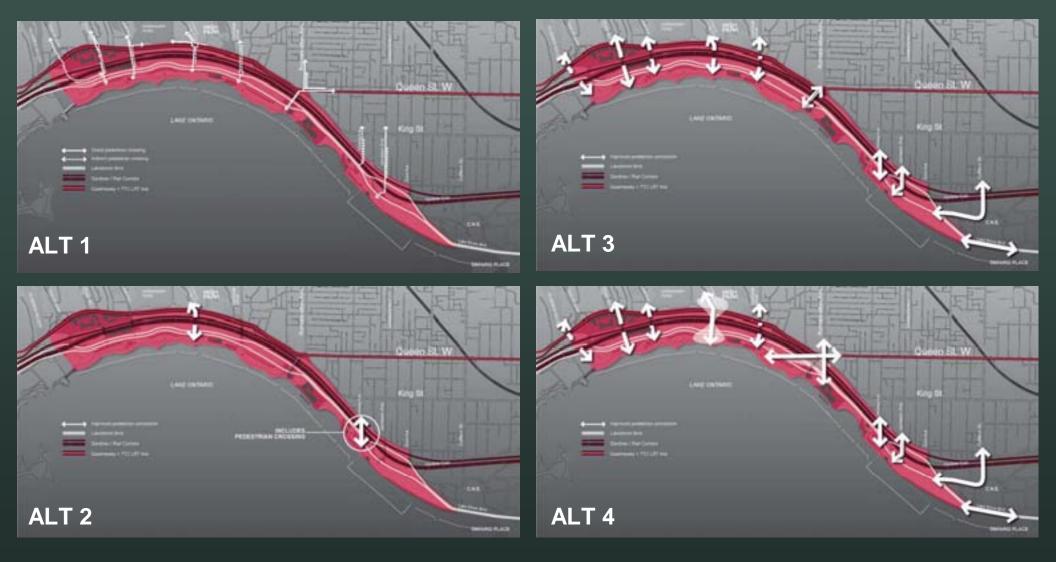
north-south connections ALTERNATIVE 4 \ LAND BRIDGES



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WESTERN WATERFRONT MASTER PLAN



North – South Connections Precedent



Land Bridge – Proposed London UK

Olympic Sculpture Park Seattle

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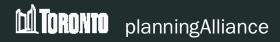


North – South Connections Precedent



Gardiner Rehabilitation Concept – Parliament Underpass Toronto

WESTERN WATERFRONT 60



North – South Connections Precedent



Gardiner Rehabilitation Concept – Parliament Underpass Toronto

WESTERN WATERFRONT 61



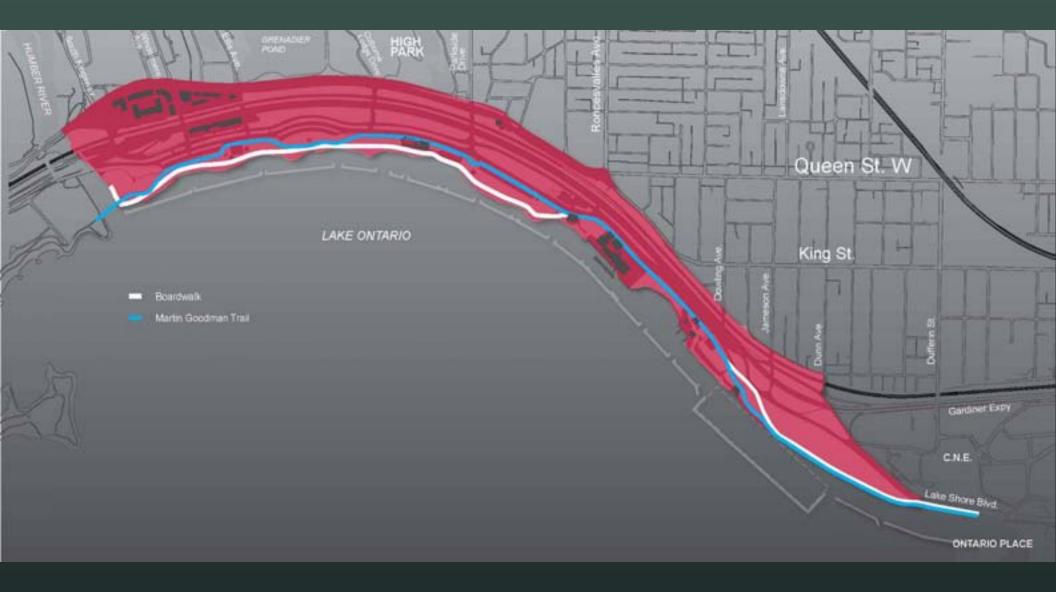
MGT and Boardwalk

Principles

- Reduce conflicts between the MGT and Boardwalk
- Improve connections to / from Trails
- Provide improved access along the water's edge
- Enhance overall user experience
- Link the MGT with the central north-south walk through High Park
- Possibility of defining 2 types of MGT:
 - Recreational (slower pace, interacts with park)
 - Commuter + Training (higher speeds, limited interaction with park, controlled intersections with other transportation)



MGT and boardwalk ALTERNATIVE 1 \ STATUS QUO

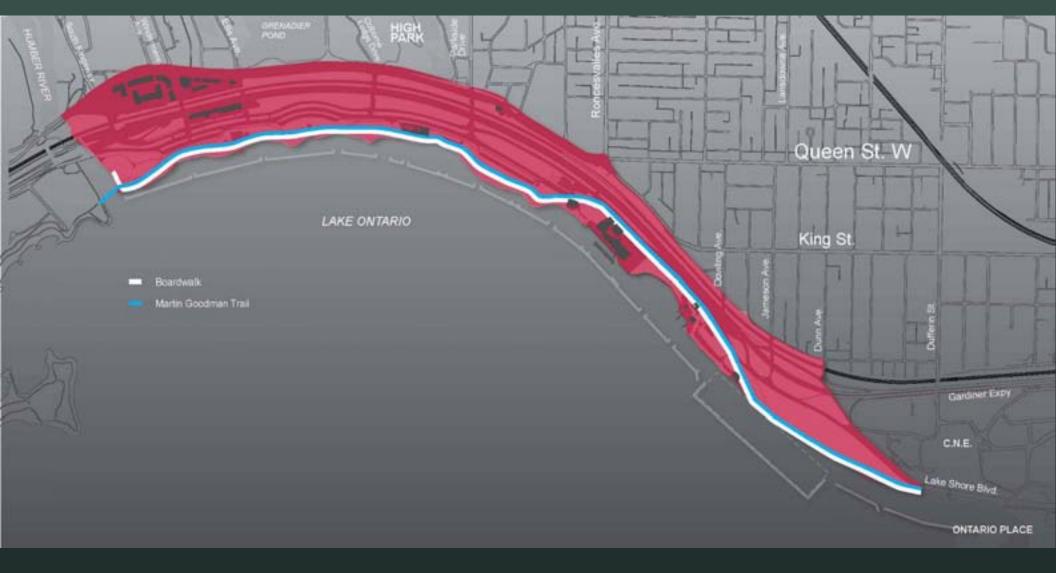


WESTERN WATERFRONT MASTER PLAN

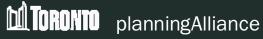
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MGT and boardwalk ALTERNATIVE 2 \ CONSOLIDATED MGT AND BOARDWALK ALONG WATER

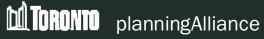


WESTERN WATERFRONT MASTER PLAN



MGT and boardwalk ALTERNATIVE 3 \ MGT SOUTH OF LSB WITH BOARDWALK ALONG WATER





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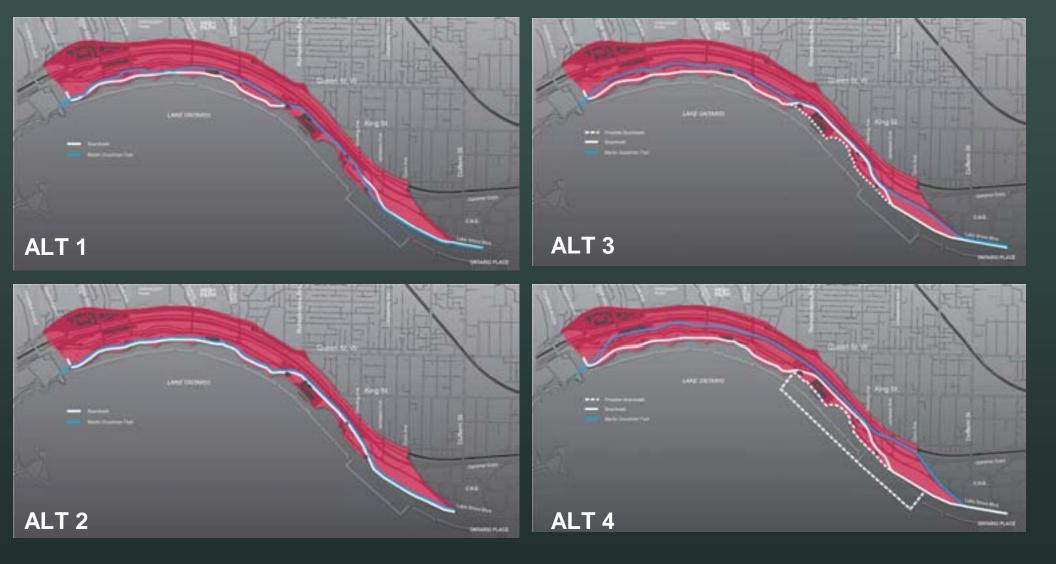
MGT and boardwalk ALTERNATIVE 4 \ MGT NORTH OF LSB WITH BOARDWALK ALONG WATER



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WESTERN WATERFRONT MASTER PLAN



Precedent



Harbourfront Centre Toronto







MGT and Boardwalk Precedent



Harbourfront Centre Toronto





Parking

Principles

- Reduce peak parking demand by improving pedestrian, cycling and transit infrastructure
- Re-configure permanent parking
- Provide temporary parking to meet peak demand
- Improve way-finding and accessibility
- Render parking less of a barrier to the Waterfront

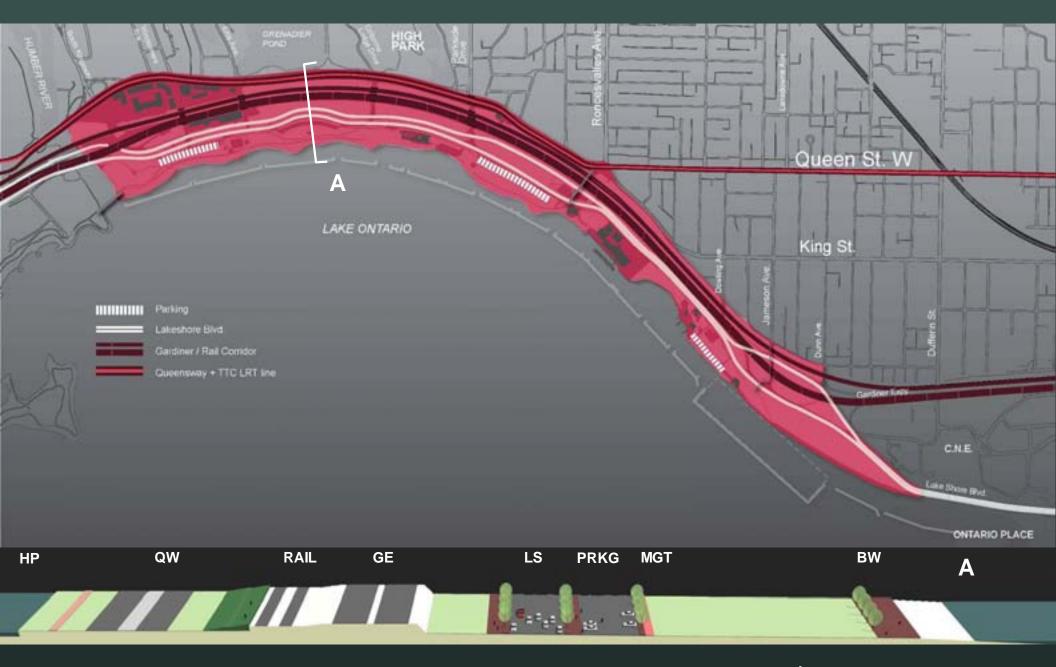
parking ALTERNATIVE 1 \ STATUS QUO



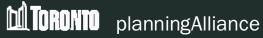
WESTERN WATERFRONT 71

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parking ALTERNATIVE 2 / CONSOLIDATED LOTS



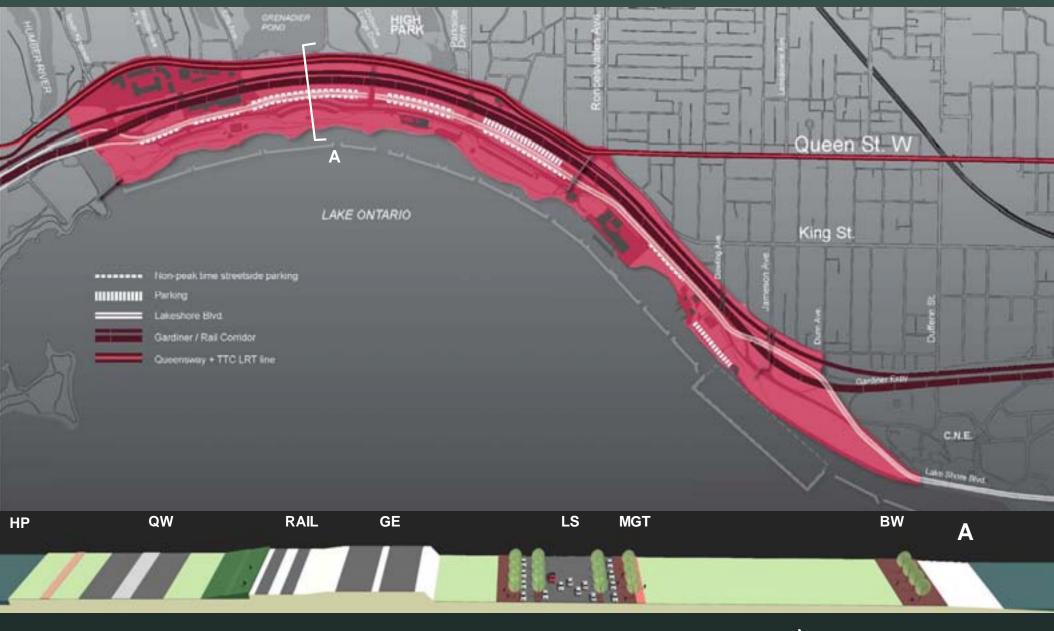




parking ALTERNATIVE 3 / CONSOLIDATED LOTS NORTH OF LSB



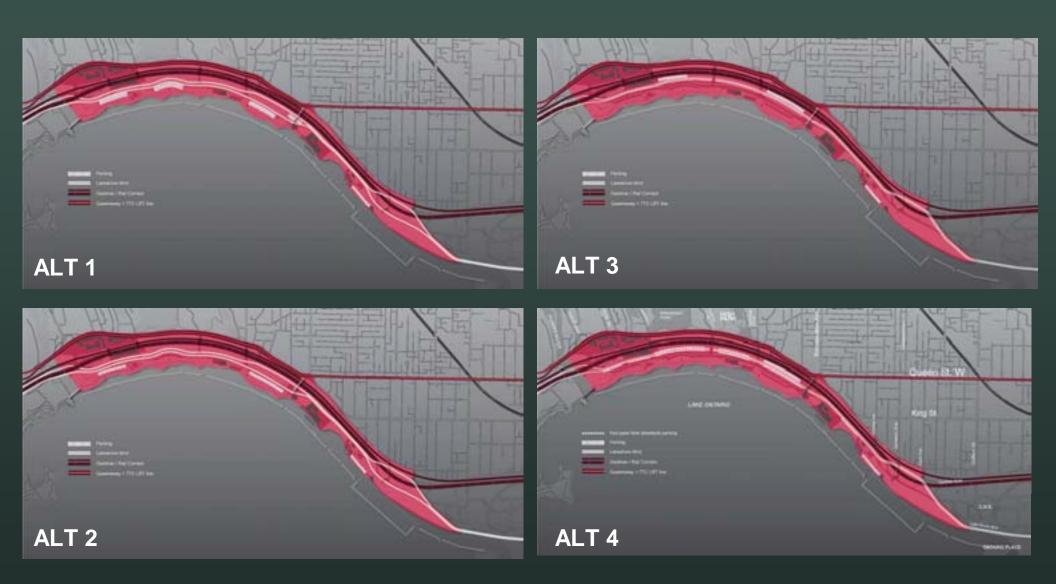
parking ALTERNATIVE 4 / CONSOLIDATED LOTS WITH STREET PARKING AT NON-PEAK TIMES



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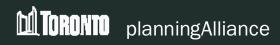


Parking Precedent



Permeable Paving





Parking Precedent



Parking Lane Tours France

WESTERN WATERFRONT MASTER PLAN



SHORELINE



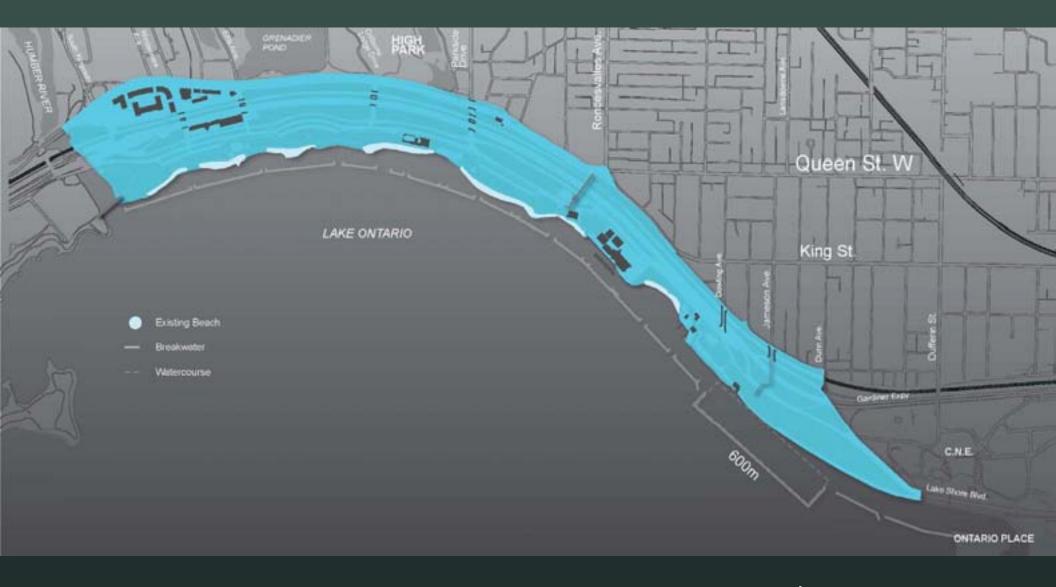
Shoreline Protection

Principles

- Stabilize the shoreline and enhance beach quality
- Enlarge sand beach areas that can survive storm action
- Remove redundant, ineffective and unsightly shore protection
- Continue to provide protected water for non-motorized boating activities



shoreline protection ALTERNATIVE 1 / STATUS QUO

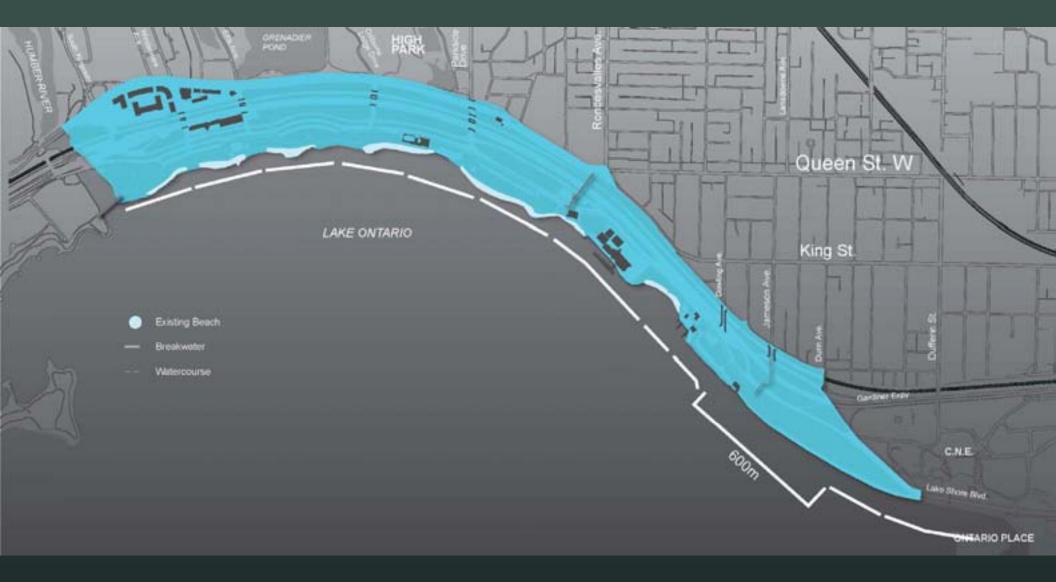


WESTERN WATERFRONT MASTER PLAN

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Internet Description

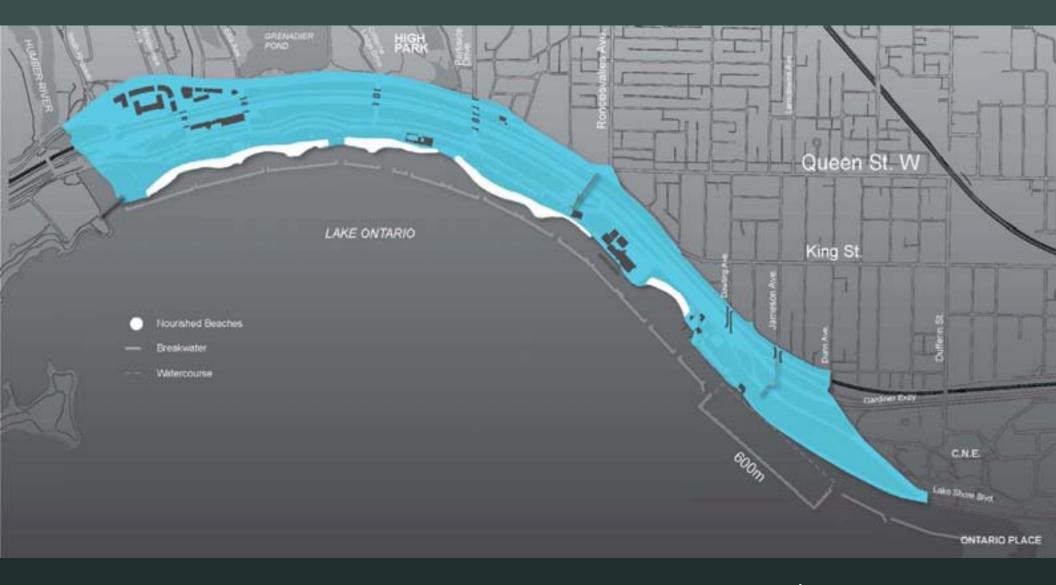
shoreline protection ALTERNATIVE 2 / RECONSTRUCTED BREAKWATER



WESTERN WATERFRONT 81

Internet Description

shoreline protection ALTERNATIVE 3 / BEACH NOURISHMENT

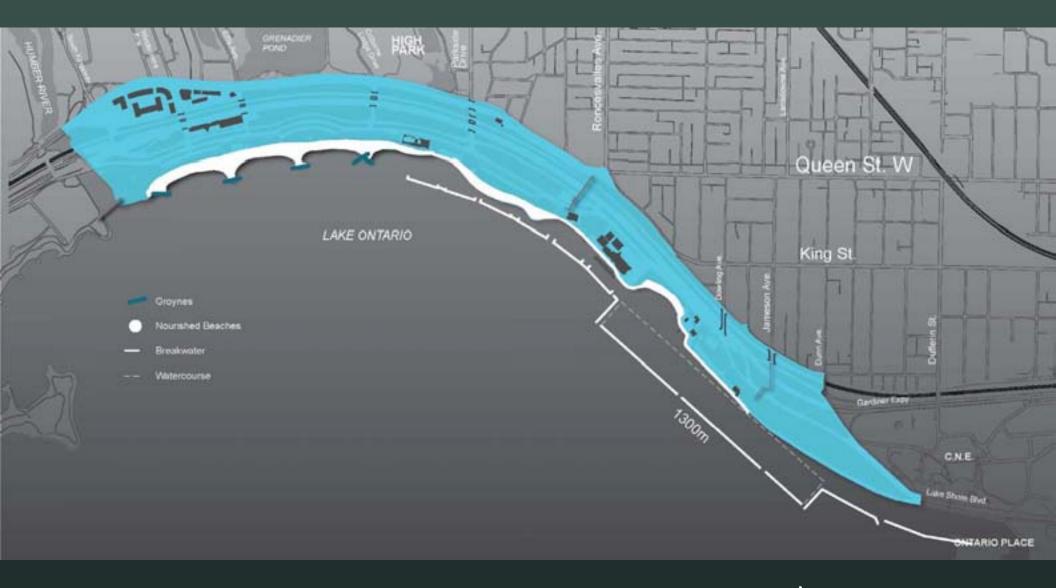


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shoreline protection ALTERNATIVE 4 / FURTHER BEACH NOURISHMENT WITH EXTENDED WATERCOURSE

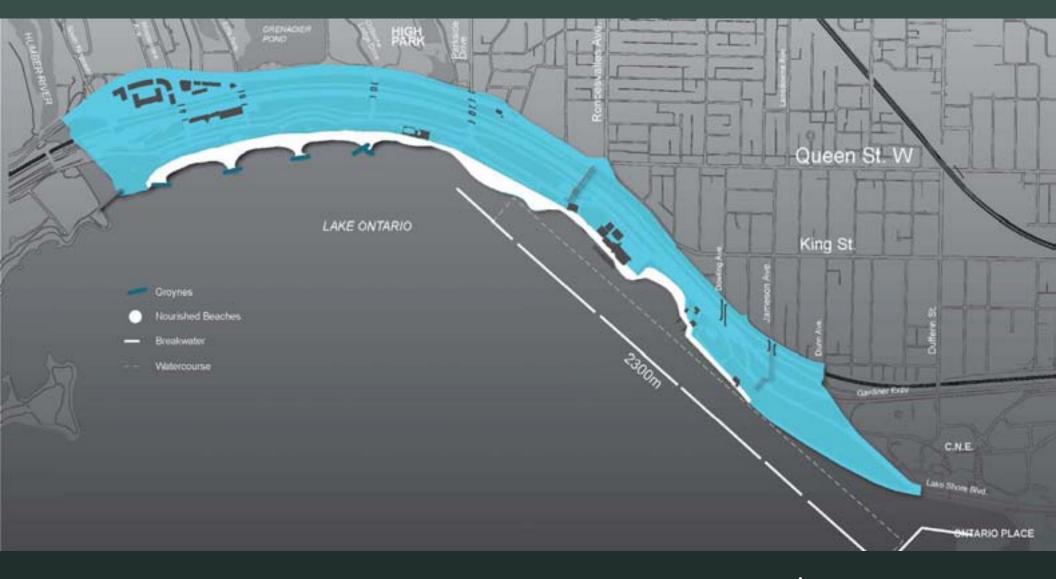


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shoreline protection ALTERNATIVE 5 / FURTHER BEACH NOURISHMENT WITH EXTENDED WATERCOURSE



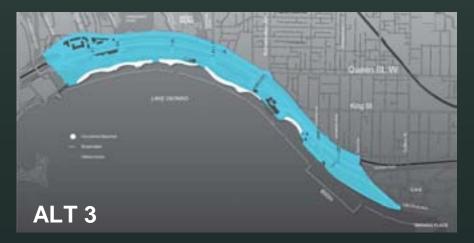
WESTERN WATERFRONT MASTER PLAN

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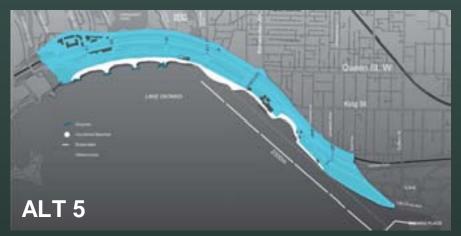






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Shoreline Protection Precedent



Rip Rap Banks

Eastern Beaches Toronto

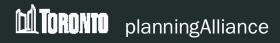




Shoreline Protection Precedent



Ogden Point Breakwater Victoria BC



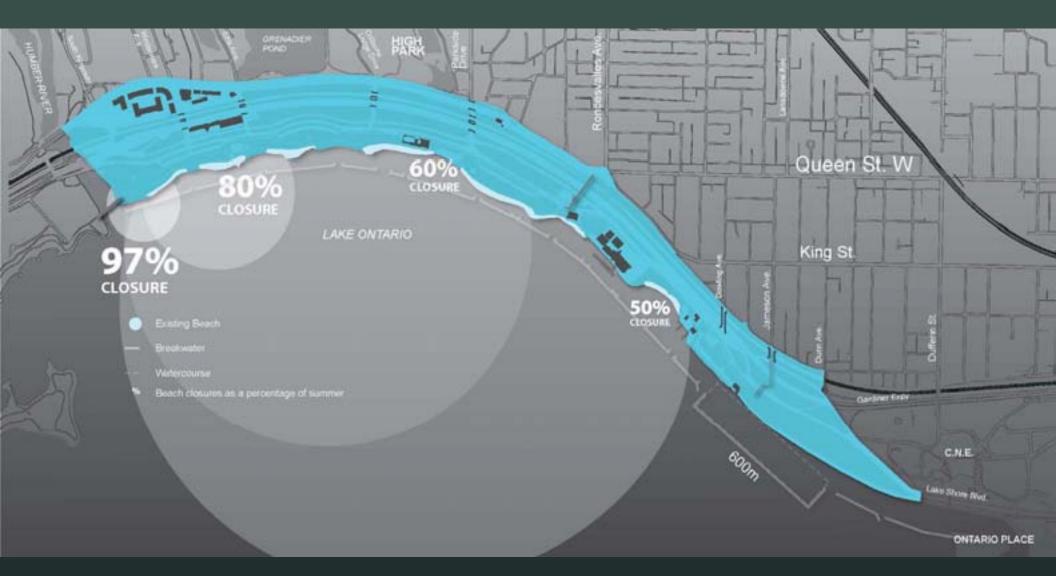
Water Quality

Principles

- Create a destination where people come to swim and celebrate our Waterfront and beach
- Reduce frequency of beach closures
- Improve water quality for all water-based recreational activities
- Improve fish habitat along the Waterfront



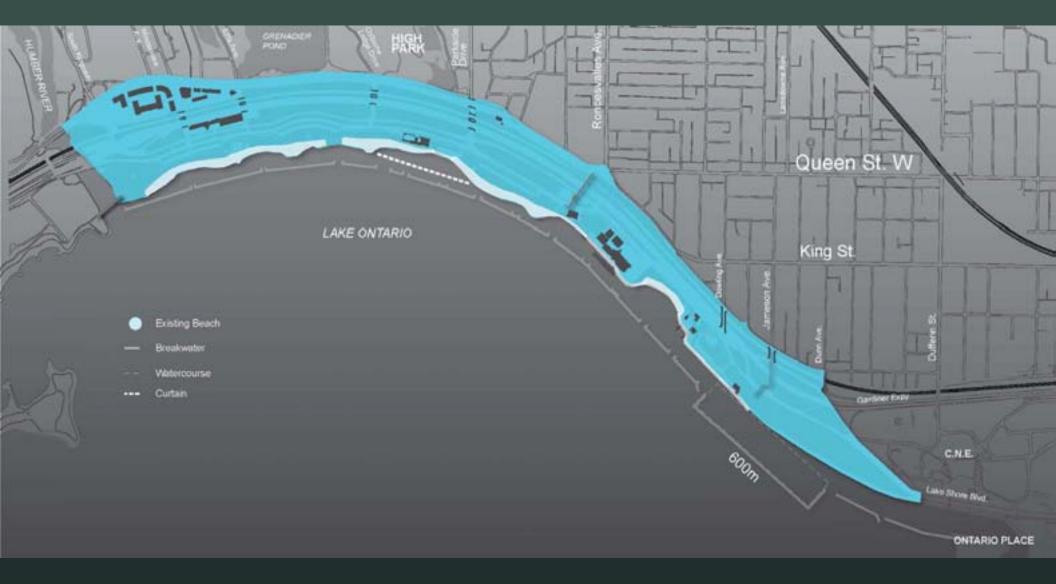
water quality ALTERNATIVE 1 / STATUS QUO



WESTERN WATERFRONT MASTER PLAN



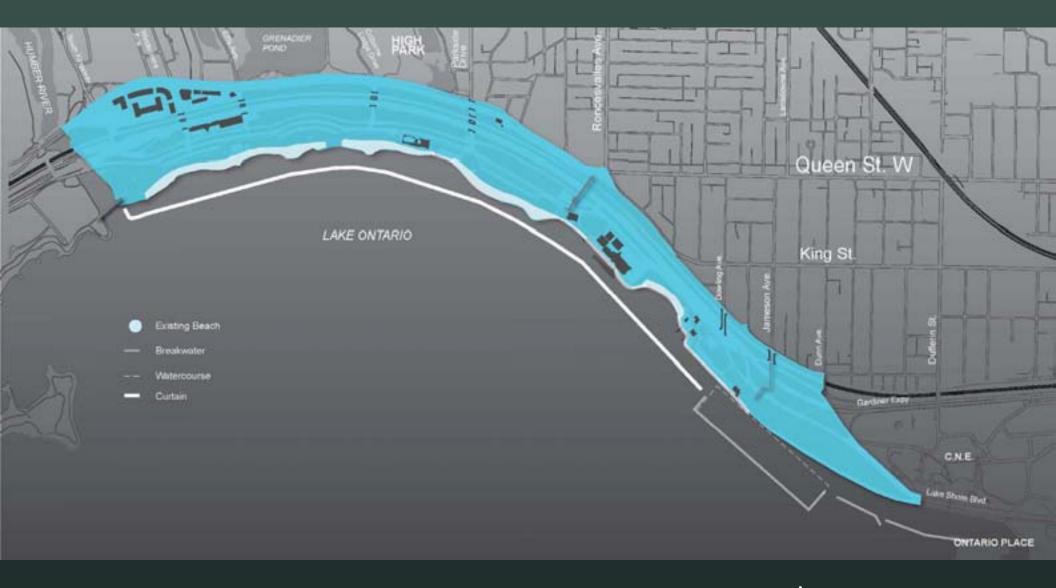
water quality ALTERNATIVE 2 / BEACH CURTAIN



WESTERN WATERFRONT MASTER PLAN



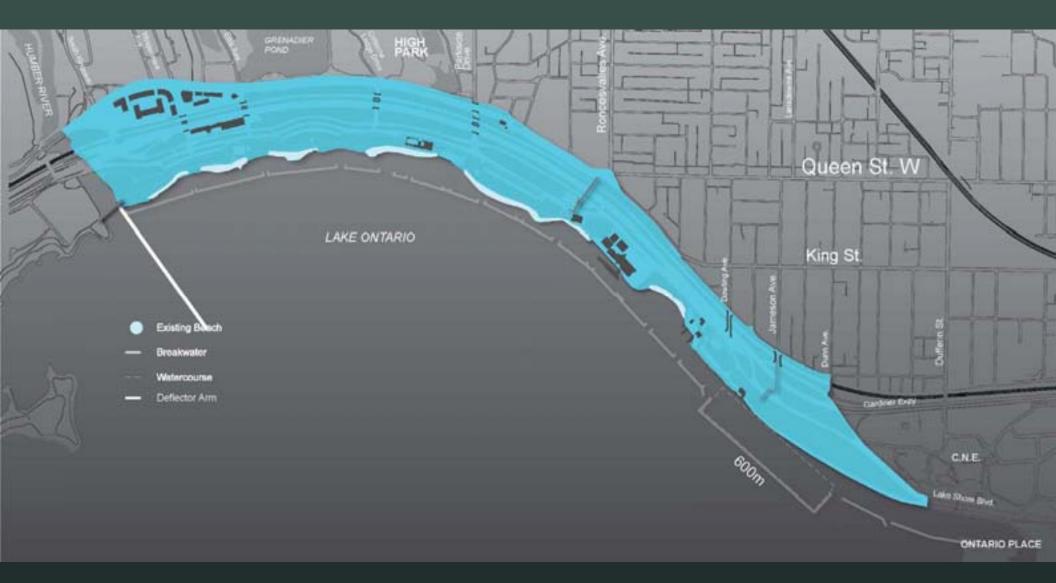
water quality ALTERNATIVE 3 / WATERFRONT CURTAIN



WESTERN WATERFRONT 91

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water quality ALTERNATIVE 4 / DEFLECTOR ARM

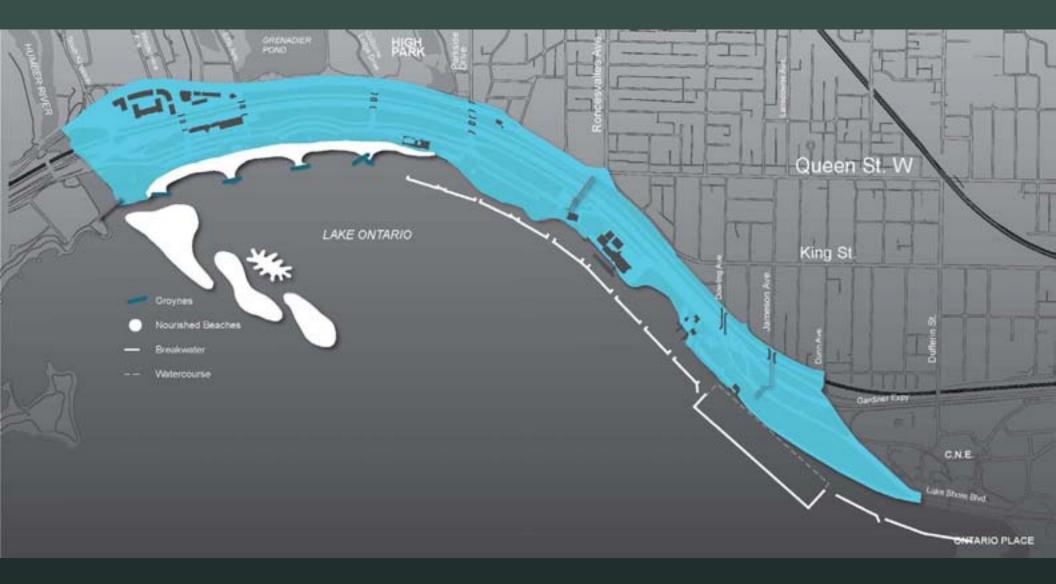


WESTERN WATERFRONT MASTER PLAN

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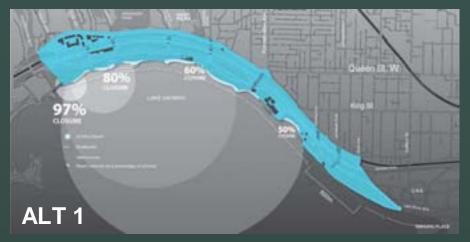
water quality ALTERNATIVE 5 / DEFLECTOR ISLANDS

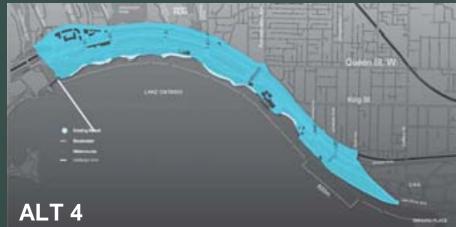


WESTERN WATERFRONT MASTER PLAN

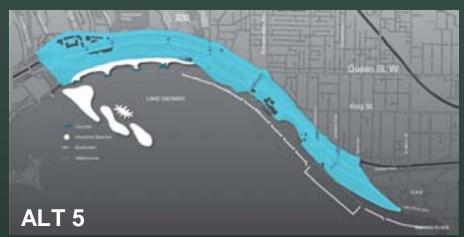
93

Internet Description













Water Quality Precedent



Wetland Construction

Deflector Arm







LAND USE

WESTERN WATERFRONT MASTER PLAN



Facilities + Concessions

Principles

- Upgrade existing facilities and amenities
- Explore need for different facilities and amenities, particularly for youth
- Provide opportunity for needed recreation and convenience services
- Balance need for public space with provision of revenue generating opportunities
- Define a "front" to the City.



Potential Facilities + Concessions

Indoor Facilities

- 1. Parking facilities
- 2. Community facilities e.g.
 - meeting spaces
 - reception spaces
- 3. Recreational facilities e.g.
 - swimming facilities
 - fitness facilities
 - yoga facilities
- 4. Related amenities e.g.

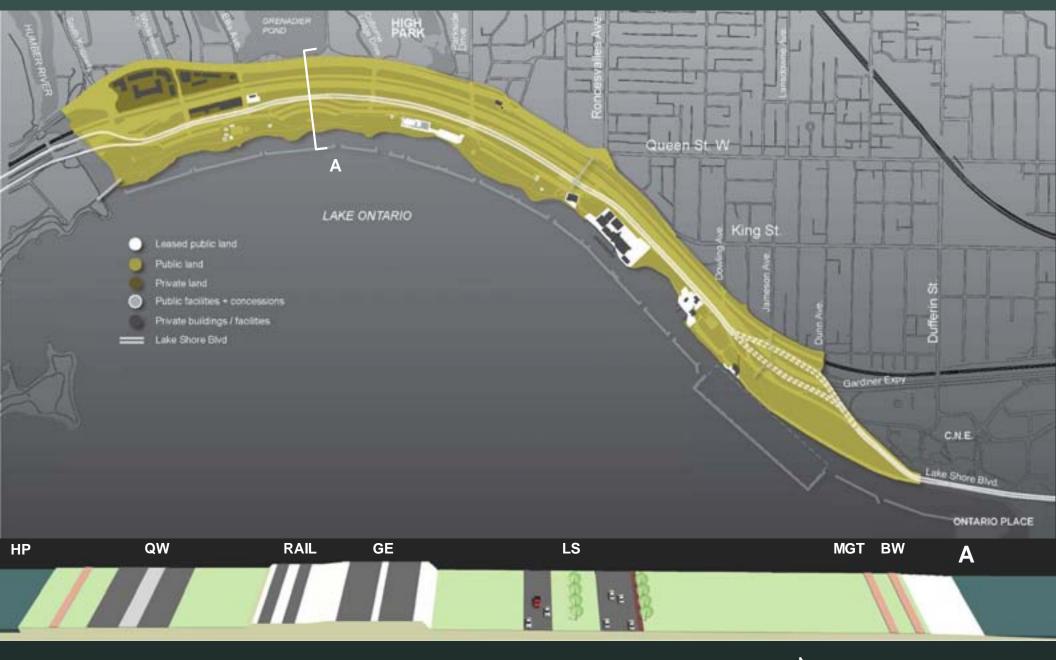
98

- washrooms
- water fountains

Concessions

- 1. Food + beverage stands
- 2. Rental shops
 - bicycles
 - ice skates
- 3. Coffee shops
- 4. Clothing / gift shops
- 5. Restaurants / bars
- 6. Internet cafes
- 7. Carnival activities

facilities + concessions ALTERNATIVE 1 \ STATUS QUO



WESTERN WATERFRONT MASTER PLAN

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facilities + concessions ALTERNATIVE 2 \ ELIMINATE ALL LEASES



WESTERN WATERFRONT MASTER PLAN

100

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facilities + concessions ALTERNATIVE 3 \ MINIMUM EXPANSION OF LEASES



WESTERN WATERFRONT 101

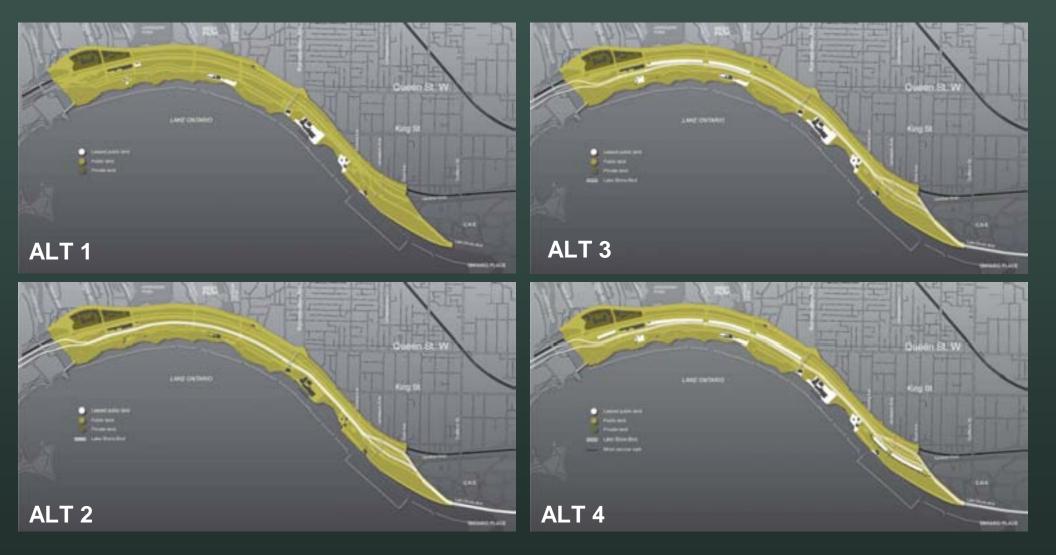
Internet Description

facilities + concessions ALTERNATIVE 4 \ MAXIMUM EXPANSION OF LEASES



WESTERN WATERFRONT 102

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WESTERN WATERFRONT 103



Facilities + Concessions Precedent



Wasaga Beach

Venice Beach Boardwalk Los Angeles

ITORONTO planningAlliance



WESTERN WATERFRONT 105



Facilities + Concessions Precedent



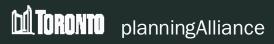
Parc de Bercy Paris, France

WESTERN WATERFRONT MASTER PLAN 106 **Internet** planningAlliance

Park Surfaces for Recreation

Principles

• Provide a balance between hard and soft surfaces in the overall area dedicated to parkland.



Park Surfaces for Recreation

Hard Outdoor Surfaces

- Skatepark (skateboard + others)
- Basketball court
- Ice skating rinks / loops
- Splash pad / Water-play feature
- Bouldering wall
- Trail + boardwalk
- Tennis court
- Playground

Soft Outdoor Surfaces

- Athletic fields
 - Soccer / Mini soccer
 - Ultimate
 - Rugby
 - Softball / Baseball
- Naturalized areas
- Informal / flexible play field
- Beach volleyball courts
- BBQ / picnic areas
- Bocce ball court



park surfaces ALT 1 / STATUS QUO (MINIMUM HARD SURFACES)



WESTERN WATERFRONT 109

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park surfaces ALT 2 / SMALL INCREASE IN HARD SURFACES



WESTERN WATERFRONT 110

DI TORONTO planningAlliance

park surfaces ALT 3 / MEDIUM INCREASE IN HARD SURFACES



WESTERN WATERFRONT 111 MASTER PLAN

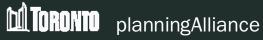


park surfaces ALT 4 / LARGE INCREASE IN HARD SURFACES



WESTERN WATERFRONT MASTER PLAN

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Recreational Opportunity

Principles

- Provide a balance of active and passive recreational opportunities
- Assign priority to uses requiring a waterfront location and consider uses elsewhere on the waterfront when selecting preferred recreation uses
- Enhance in particular beach recreation and outdoor swimming opportunities
- Encourage year-round activities and respond to a variety of interests in recreation
- Create distinct recreational use areas (hubs) that minimize conflicts with incompatible uses.

Recreational Opportunity

SUMMER / HARD SURFACE

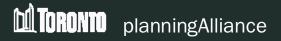
SUMMER / SOFT SURFACE

WINTER

LAND ACTIVE	SKATEPARK (SKATEBOARD + OTHERS) BASKETBALL COURT SPLASH PLAYGROUND CYCLING / ROLLERBLADING PATH BOULDERING WALL RUNNING PATH	BEACH VOLLEYBALL COURT SOCCER FIELD SOFTBALL / BASEBALL DIAMOND OPEN GREEN SPACE FOR PLAY KITE FLYING SPACE BOCCE BALL COURT HORSESHOE PITS	ICE SKATING RINKS / LOOPS CROSS-COUNTRY SKIING TRAIL WALKING PATH HIKING TRAIL
LAND PASSIVE	YOGA / FITNESS AREA BOARDWALK OBSERVATION PLATFORM INTO LAKE	BEACH / LOUNGING AREA NATURE WATCHING AREA OUTDOOR AMPHITHEATRE DOG WALKING AREA BBQ / PICNIC AREA COMMUNITY GARDEN MULIT-PURPOSE LEISURE AREA CAMPING AREA	ICE SCULTPTURE AREA SLEIGH RIDING PATH NATURE WATCHING AREA
WATER	SWIMMING AREA		

ACTIVE SWIMMING AREA ACTIVE SAILING + WIND SURFING RENTAL / LAUNCH ROWING COURSE DRAGON BOAT COURSE

WATERFISHING PIERPASSIVECANOE + KAYAK RENTAL / LAUNCH



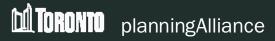
Recreational Opportunity

Active Recreation

- Skateparks (skateboard + others)
- Basketball courts
- Ice skating rinks / loops
- Bouldering areas
- Cycling / Rollerblading paths
- Soccer fields
- Beach volleyball courts
- Cross-country skiing
- Swimming
- Softball Diamonds
- Running paths
- Rowing course
- Dragon boat course
- Hiking trails

Passive Recreation

- Nature watching areas
- Splash playground
- Yoga / Fitness areas
- Multi-purpose open field
- Leisure green space
- Outdoor amphitheatre
- Fishing piers
- Dog walking areas
- BBQ / Picnic areas
- Canoe + kayak rental / launch
- Boardwalk
- Beach
- Community garden
- Camping



recreational opportunity ACTIVE VS PASSIVE ALT 1 / STATUS QUO (MINIMUM ACTIVE)



WESTERN WATERFRONT 116

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recreational opportunity ACTIVE VS PASSIVE ALT 2 / SMALL ACTIVE INCREASE



WESTERN WATERFRONT 117 MASTER PLAN

DITORONTO planningAlliance

recreational opportunity ACTIVE VS PASSIVE ALT 3 / MEDIUM ACTIVE INCREASE



WESTERN WATERFRONT 118

TORONTO planningAlliance

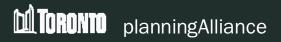
recreational opportunity ACTIVE VS PASSIVE ALT 4 / LARGE ACTIVE INCREASE





Recreational Opportunity Precedents













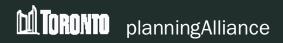




















Recreational Focus

Principles

- 1. Balance local and regional needs and opportunities for recreation and, wherever possible, provide facilities that accommodate both types of uses
- 2. Provide facilities and amenities both temporary and permanent for special events.



Recreational Focus

Local

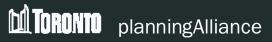
Neighbourhood events Neighbourhood park features

- Trail / boardwalk
- Skatepark (skateboard + other)
- Athletic fields
- Rock climbing wall
- Rollerblading / Rollerderby
- Playgrounds / water play areas
- Beach + swimming areas

City

Metropolitan events Regional park features

- Trail / boardwalk
- Concert theatre
- Art centre + gallery
- Landscaped gardens
- Athletic fields
- Nature / Ecology centre
- Meeting / Reception rooms



recreational focus ALT 1 / STATUS QUO (MINIMUM METROPOLITAN EVENTS + FEATURES)



WESTERN WATERFRONT 13

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recreational focus ALT 2 / SMALL INCREASE IN METROPOLITAN EVENTS + FEATURES



WESTERN WATERFRONT 131

Internet Description

recreational focus ALT 3 / MEDIUM INCREASE IN METROPOLITAN EVENTS + FEATURES



WESTERN WATERFRONT 1 MASTER PLAN

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recreational focus ALT 4 / LARGE INCREASE IN METROPOLITAN EVENTS + FEATURES



WESTERN WATERFRONT 1: MASTER PLAN

133

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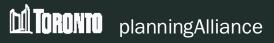
NATURAL HERITAGE



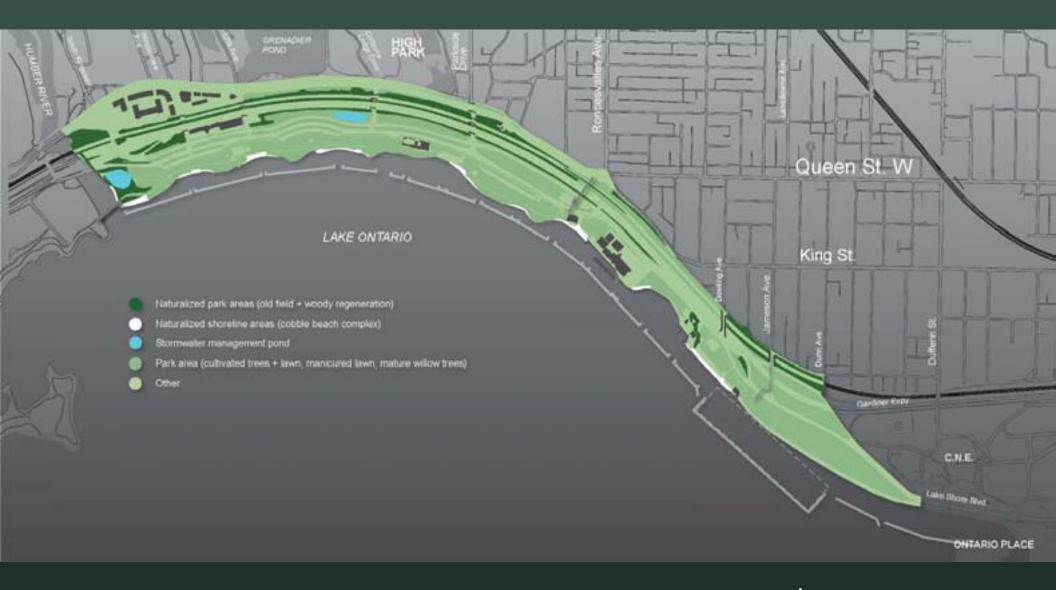
Natural Heritage

Principles

- Protect and enhance where possible the existing natural heritage features and functions
- Connect the Study Area to the adjacent network of natural areas
- Create new "natural" areas and landscapes to complement the Western Beaches

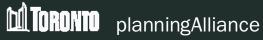


natural heritage ALTERNATIVE 1 \ STATUS QUO

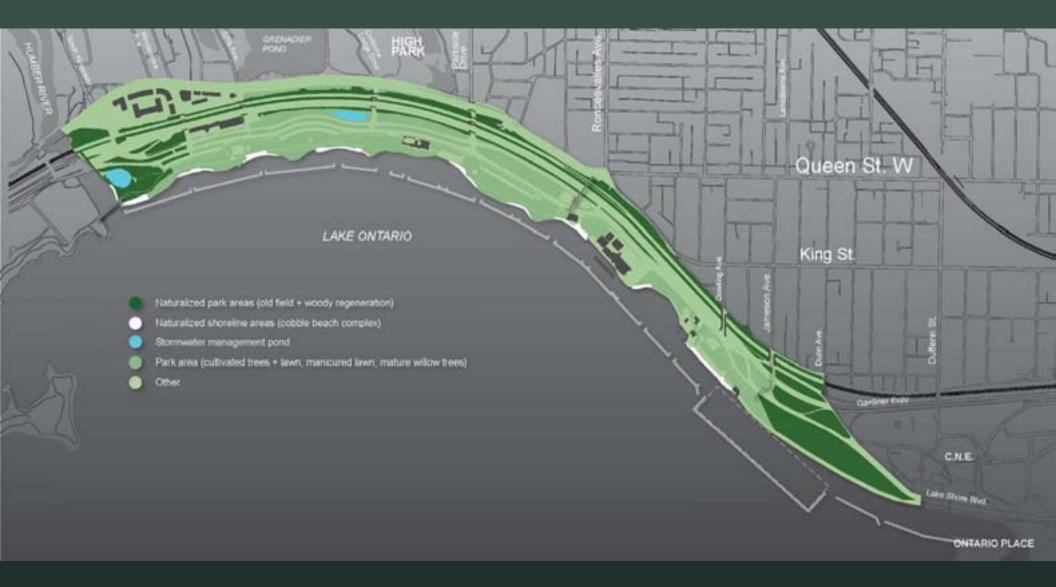


WESTERN WATERFRONT 13 MASTER PLAN

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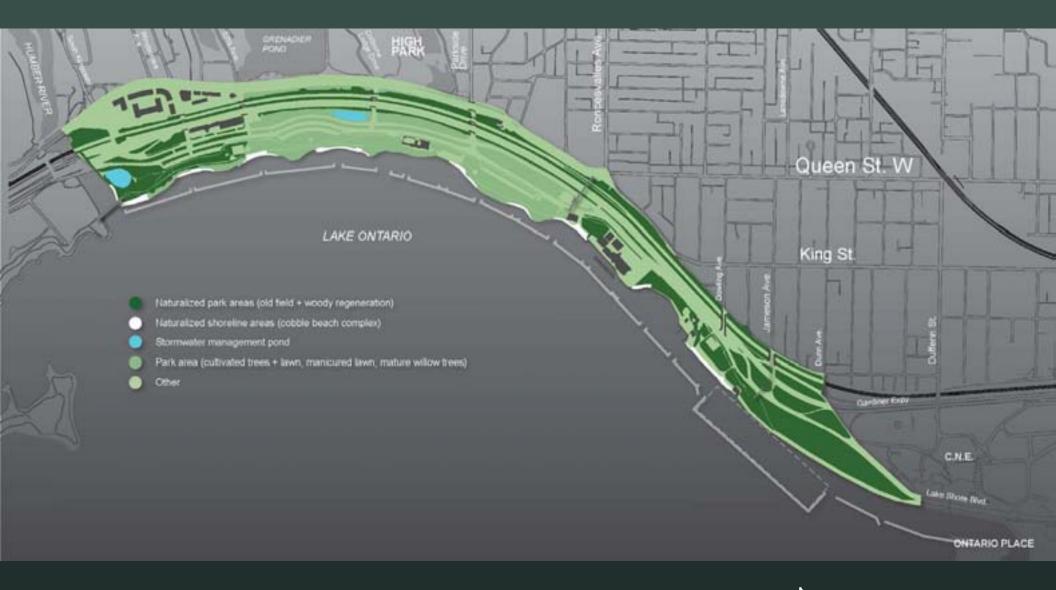
natural heritage ALTERNATIVE 2 \ MINIMUM EXPANSION



WESTERN WATERFRONT 137

DITORONTO planningAlliance

natural heritage ALTERNATIVE 3 \ MODERATE EXPANSION

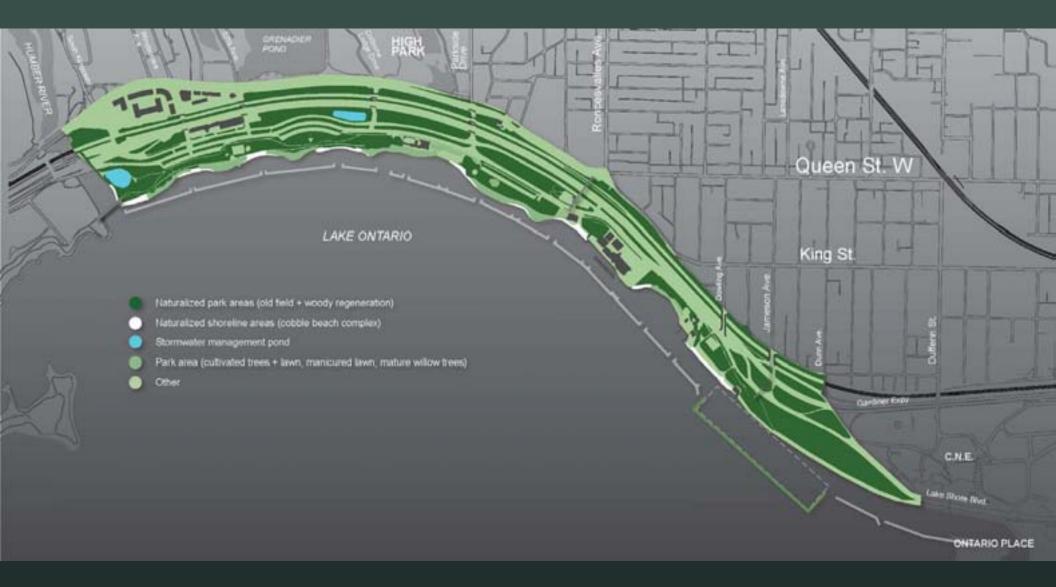


WESTERN WATERFRONT MASTER PLAN

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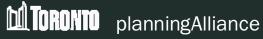
International International I

natural heritage ALTERNATIVE 4 \ MAXIMUM EXPANSION



WESTERN WATERFRONT 13

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Natural Heritage Precedent



Great Lakes Sandy Beaches

Terrestrial Forest / Wooded Area

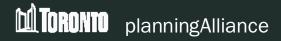
WESTERN WATERFRONT 141 MASTER PLAN







STORMWATER MANAGEMENT + SERVICING



Stormwater Management

Principles

- Meeting the guidelines for stormwater management in the City of Toronto's Wet Weather Flow Management Master Plan (WWFMMP)
- Improve the current stormwater management facilities and where possible promote the implementation of green design practices

Stormwater Management

Alternatives

- 1. Status Quo
- 2. Reconstruct/rehabilitate/adapt existing storm sewers/SWM ponds
- 3. Construct new storm sewers/SWM ponds to service new buildings
- 4. Install enhanced stormwater treatment using non-mechanical systems (i.e., oil and grit separators)
- 5. Install enhanced stormwater treatment using mechanical systems (i.e., ultra violet disinfection facilities).



Servicing (Water and Wastewater / Sanitary)

Principles

- Identify water serving requirements and recommend alternatives to meet the current and future needs of the Western Waterfront
- Minimize conventional servicing requirements and suggest alternatives to meet the current and future needs of the Western Waterfront, potentially through the application of green design practices

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Servicing (Water)

Alternatives

- Leave water facilities as is, depending on capacity review of proposed initiatives
- Rehabilitate existing water facilities (no expansion)
- Reconstruct and enlarge existing water facilities to create additional capacity
- Construct new water facilities (extend existing facilities)



Servicing (Wastewater / Sanitary Sewer)

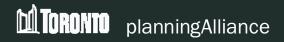
Alternatives

- Leave sanitary services as is
- Rehabilitate existing services (no expansion)
- Implement alternative sanitary facilities that conform to green design practices
- Connect some facilities without expansion of existing services (i.e., 'beachside' City of Toronto-run facilities)
- Construct new sanitary sewers to expand existing service (connect all buildings).



DEMONSTRATION CONCEPT PLAN

WESTERN WATERFRONT 149

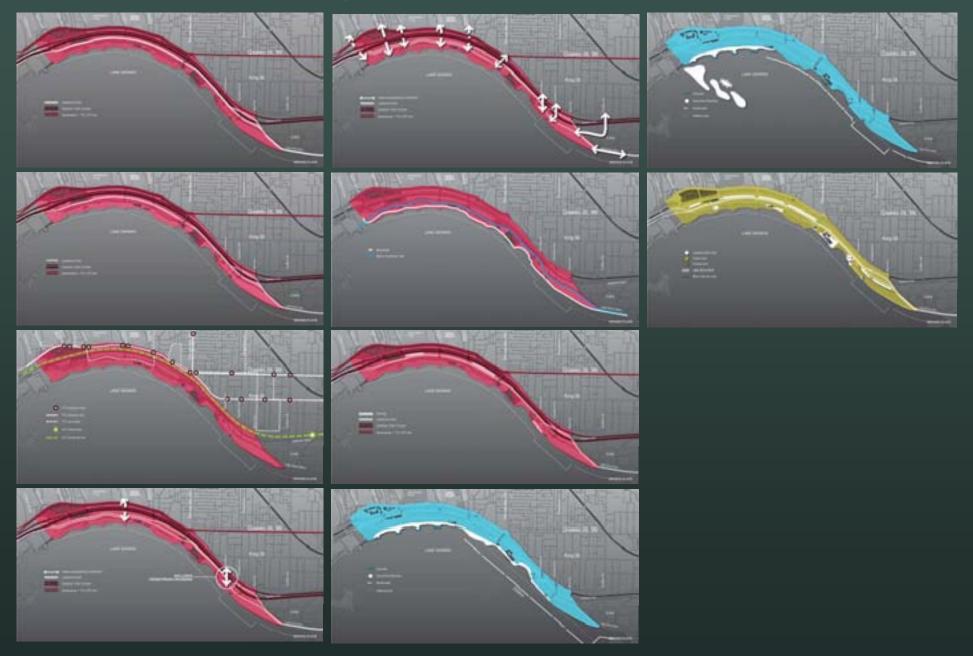


TRANSPORTATION LAND USE NATURAL STORMWATER + SERVICING HERITAGE lake shore lake shore north/south parking water quality facilities + naturalized stormwater water + alignment enhancement concessions areas wastewater 1 1 1 1 1 1 2 2 2 2 2 2 2 3 3 3 3 3 3 3 3 4 5 5 5 5

WESTERN WATERFRONT 150



demonstration concept



Internet Description

demonstration concept plan COMBINATION OF ALTERNATIVES

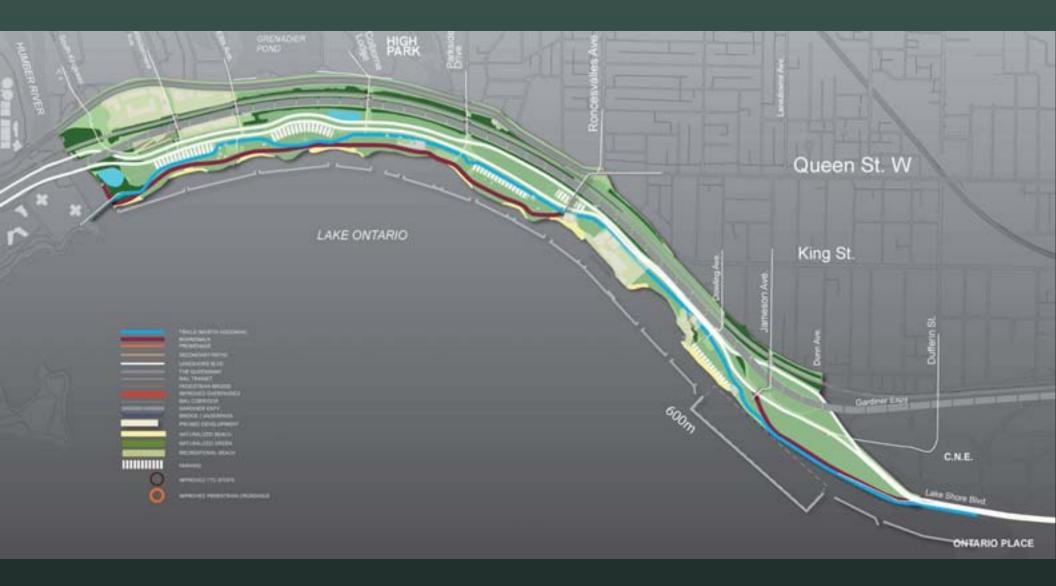


WESTERN WATERFRONT 1 MASTER PLAN

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demonstration concept plan STATUS QUO



WESTERN WATERFRONT 153

DTORONTO planningAlliance

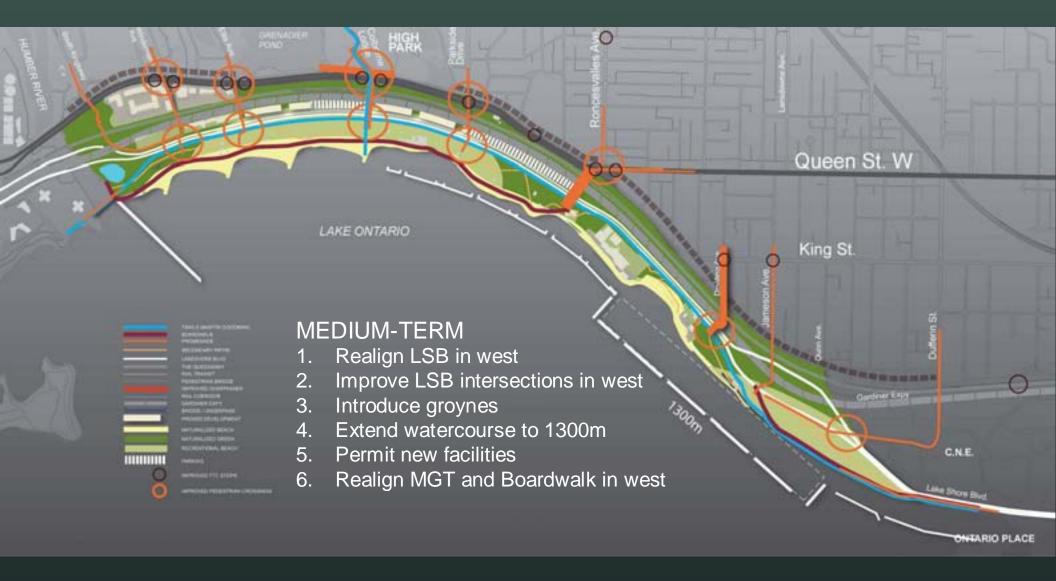
demonstration concept plan SHORT TERM



WESTERN WATERFRONT 154

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demonstration concept plan MEDIUM TERM



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WESTERN WATERFRONT

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demonstration concept plan LONG TERM



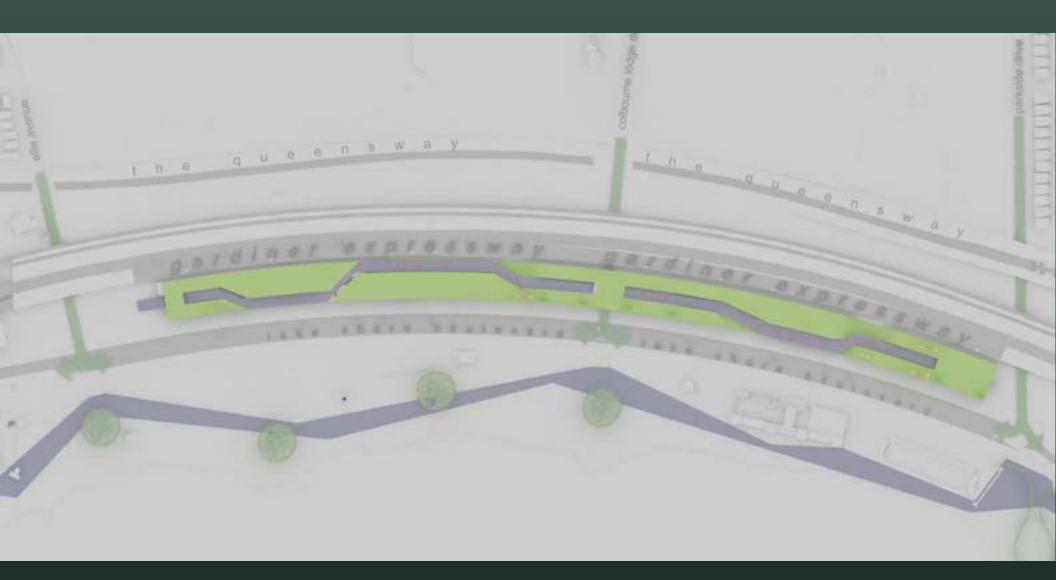
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WESTERN WATERFRONT 1

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early conceptual PLAN



WESTERN WATERFRONT 157



early conceptual VIEW 1



WESTERN WATERFRONT 15 MASTER PLAN

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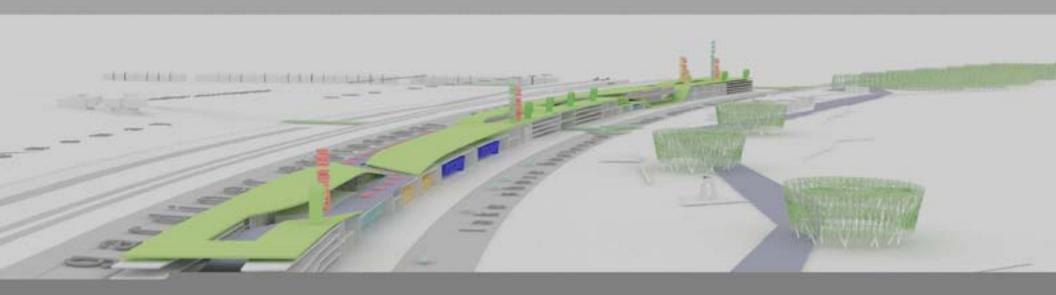
early conceptual VIEW 2



WESTERN WATERFRONT 159

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early conceptual VIEW 3





CONCLUSION + NEXT STEPS

WESTERN WATERFRONT 161



CONCLUSIONS AND NEXT STEPS

Summary of Next Steps:

- 1. Finalize List of Alternatives
- 2. Define Evaluation Criteria
- 3. Evaluate Alternatives and Select Preliminary Preferred
- 4. Combine into Preliminary Concept Plan(s)
- 5. Hold Workshop with CAG in May
- 6. Hold Next Public Meeting in May/June.



CONCLUSIONS AND NEXT STEPS

We welcome your input on:

- 1. Our Identified Alternatives
- 2. Our Demonstration Concept Plan
- 3. Anything else you've seen here tonight.

Please remember to register at the Front Desk, so we can keep in touch with you.

Please also remember to send us your completed comment form.

Please visit www.toronto.ca/waterfront for a copy of this presentation.



WADGINGH Overview of potential park activities and features - COLEDRINE LOOGE ROAD AC - RONCESVALLES PUBLIC FEEDBACK SHEET WE. SHARE YOUR PREFERRED LOCATION BY LETTER FROM MAP. 2. RATE ACTIVITIES AND FEATURES BELOW BY DEGREE OF DESIRABILITY - COWLING 0 APRI, 2005 V ANE. Y - VERY DESIRABLE S = SOMEWHAT DESIRABLE L - LESS DESIRABLE U = UNDEBRABLE ACTIVE RECREATION PASSIVE RECREATION PLEASE LIST ADDITIONAL OR UNWANTED ACTIVITIES HERE: Continue on back of page if you need more space information will be collected in accordance with the Municipal Pres don of information and Protection of Privacy Act, With the exception of personal information, all comments will become part of the public reased NAME: ADDRESS PODDE. EMAL TEL

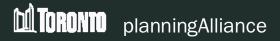
WESTERN WATERFRONT MASTERPLAN

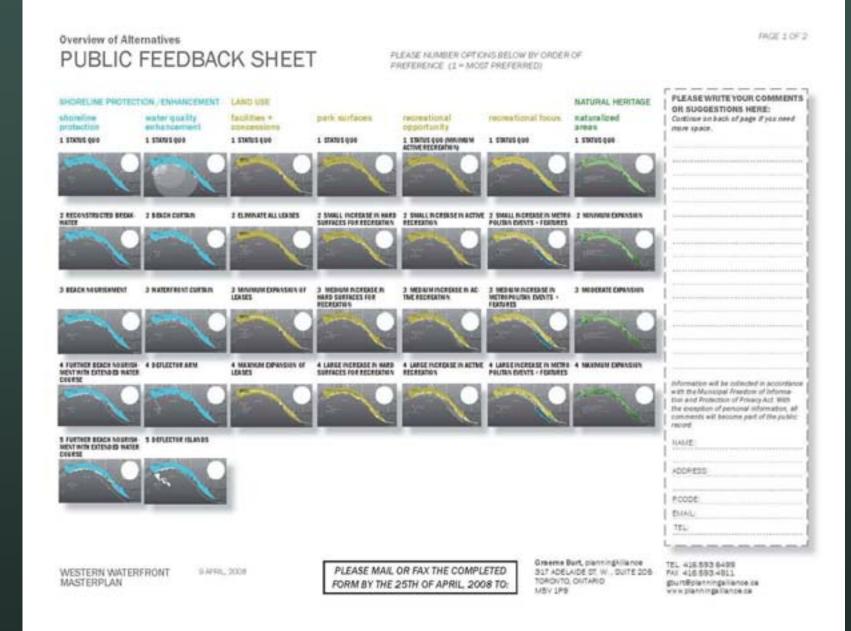
PLEASE MAIL OR FAX THE COMPLETED FORM BY THE 25TH OF APRIL 2008 TO:

M5V 1P9

Graeme Burt, planningAtionce TEL 415 593 6499 317 ADELAIDE ST. W., SUITE 205 HAX 416.593,4911 TORONTO, ONTARIO gburt@planningslilance.ca

www.planningslitance.ca





Materia Toronto planningAlliance

CONCLUSIONS AND NEXT STEPS

If you require further information or would like to be on our mailing list, please contact:

Graeme Burt, planningAlliance p 416.593.6499 e <u>gburt@planningalliance.ca</u>

