

# Queens Quay Working Group Meeting #6

November 16, 2010

# Agenda

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1. Welcoming remarks
2. Introduction and report back
3. Overview of streetfurnishing
4. Overview of tree and planting approach
5. Introduction to wayfinding and signage
6. Report back item: Typical intersection
7. 2 month outlook
8. Next steps

# Working Schedule

WORKING GROUP MEETING		SAMPLE AGENDA ITEMS
1	July 20, 2010	<ul style="list-style-type: none"> <li>• Queens Quay Working Group Terms of Reference, membership and work plan</li> <li>• Overview of public engagement process</li> <li>• Overview and design update</li> <li>• Update on phasing</li> <li>• 2 month outlook</li> </ul>
2	August 24, 2010	<ul style="list-style-type: none"> <li>• Walking tour</li> </ul>
3	September 21, 2010	<ul style="list-style-type: none"> <li>• Intersection design</li> <li>• Streetscape design (Central Waterfront)</li> <li>• Overview of bus inventory analysis</li> </ul>
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7	December 14, 2010	<ul style="list-style-type: none"> <li>• Curb management strategy</li> <li>• Bus management report back</li> </ul>
8	January 18, 2011	<ul style="list-style-type: none"> <li>• Accessibility</li> <li>• Electrification strategy</li> <li>• Review construction survey</li> </ul>
9	February 15, 2011	<ul style="list-style-type: none"> <li>• Wayfinding and signage detailed design strategy</li> </ul>
10	March 15, 2011	<ul style="list-style-type: none"> <li>• Heritage and art strategy</li> <li>• Construction management</li> </ul>

# STREET FURNISHINGS

## Materials

### Paving Surfaces

**Granite Mosaic**  
2-tone granite pavers forming mosaic leaf pattern (Outline and Silhouette)



Outline leaf mosaic

**Granite Types**  
Canadian Red and San Sebastian Grey for Mosaic; Caledonia Grey for curbstones on streetscapes



Royal Canadian Red



San Sebastian Grey



Caledonia Grey  
Granite cobbles  
Size: 90 x 90 x 80mm  
Top finish: Light Waterjet  
Side finish: Split  
Joints: 5-8mm

**Concrete unit paver**  
Paleo Tec auto-blocking precast pavers



Paleo Tec - light grey

### Materials & Finishes

**Wood**  
Yellow Cedar - Structural Timbers  
Ipe - Decking and Benches

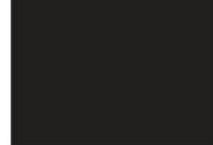


Yellow Cedar - Structural Glulam Timbers

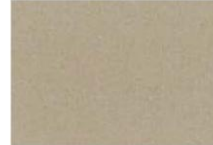


Ipe - Decking and Benches

**Metal Finishes**  
Laser cut steel and cast aluminum with paint system application  
Galvanized steel  
Stainless Steel - brushed



RAL 7016 Anthracite grey



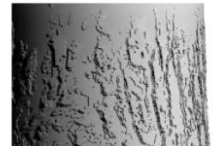
RAL 7048 Pearl mouse grey



Galvanized steel

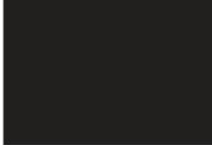


Stainless steel - brushed

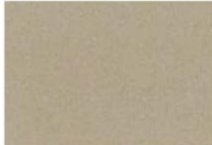


Cast Aluminum - sand mold, bark texture

**Colours**  
For use on signage applications



RAL 7016 Anthracite grey



RAL 7048 Pearl mouse grey



Pantone



Pantone



Pantone

**Details**  
For use throughout the waterfront



Stainless steel guiding spots



Stainless steel handrail



Stainless steel bollard



Galvanized steel mooring



Galvanized steel toe rail



Large sized toe rail



Garbage & Recycling bin



Preserve existing mooring elements where possible - paint anthracite grey (RAL 7016)

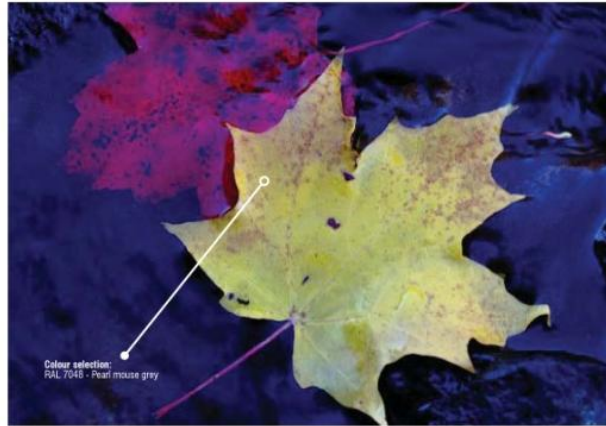
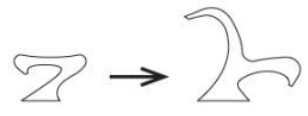


Yellow coated warning spots



# Street furnishings

## Family of Benches











Street furnishing  
City of Toronto Public Facilities



Shelter



Garbage receptacle



Bike ring

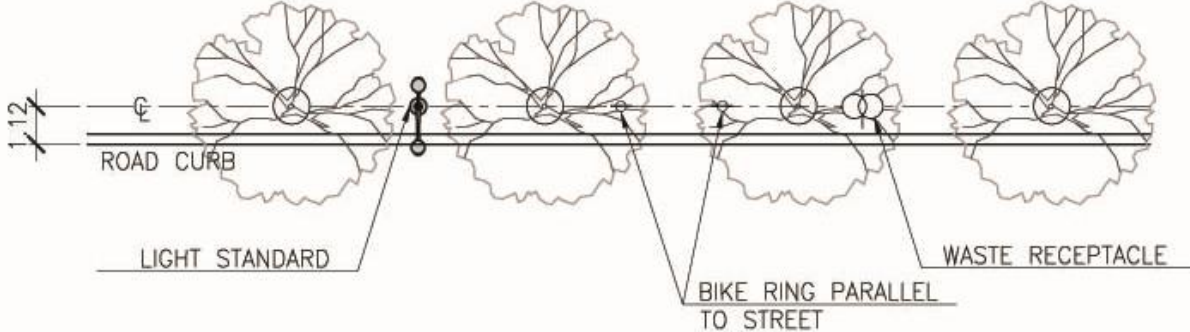


Bollards

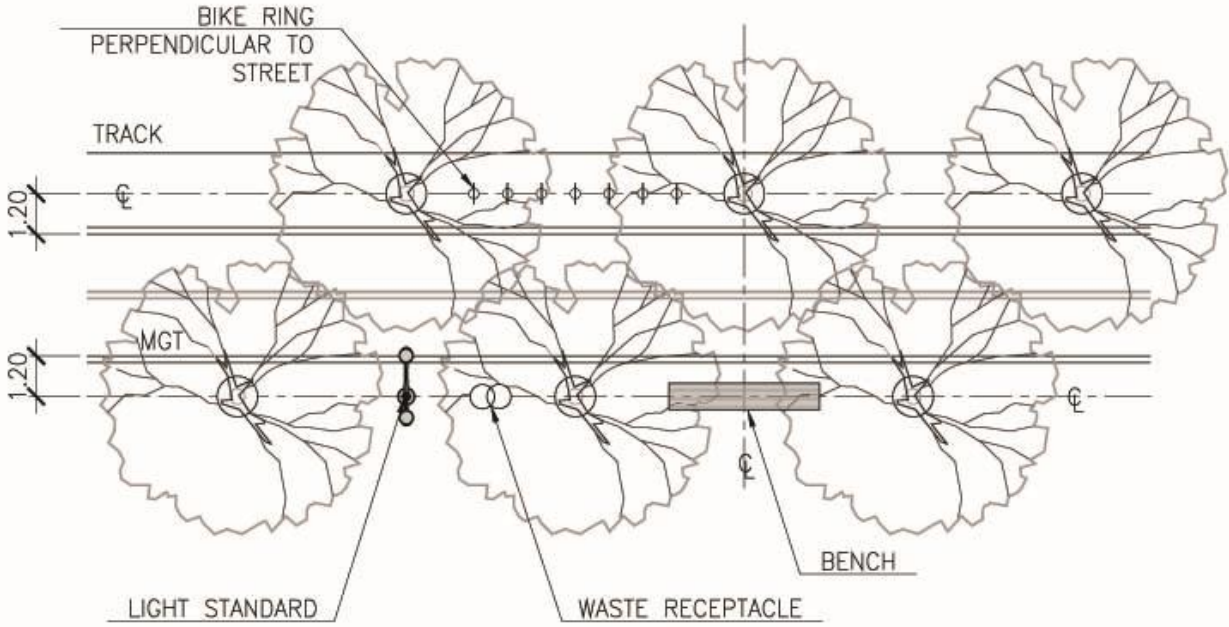
# Street furnishings

Placing strategy

## North side

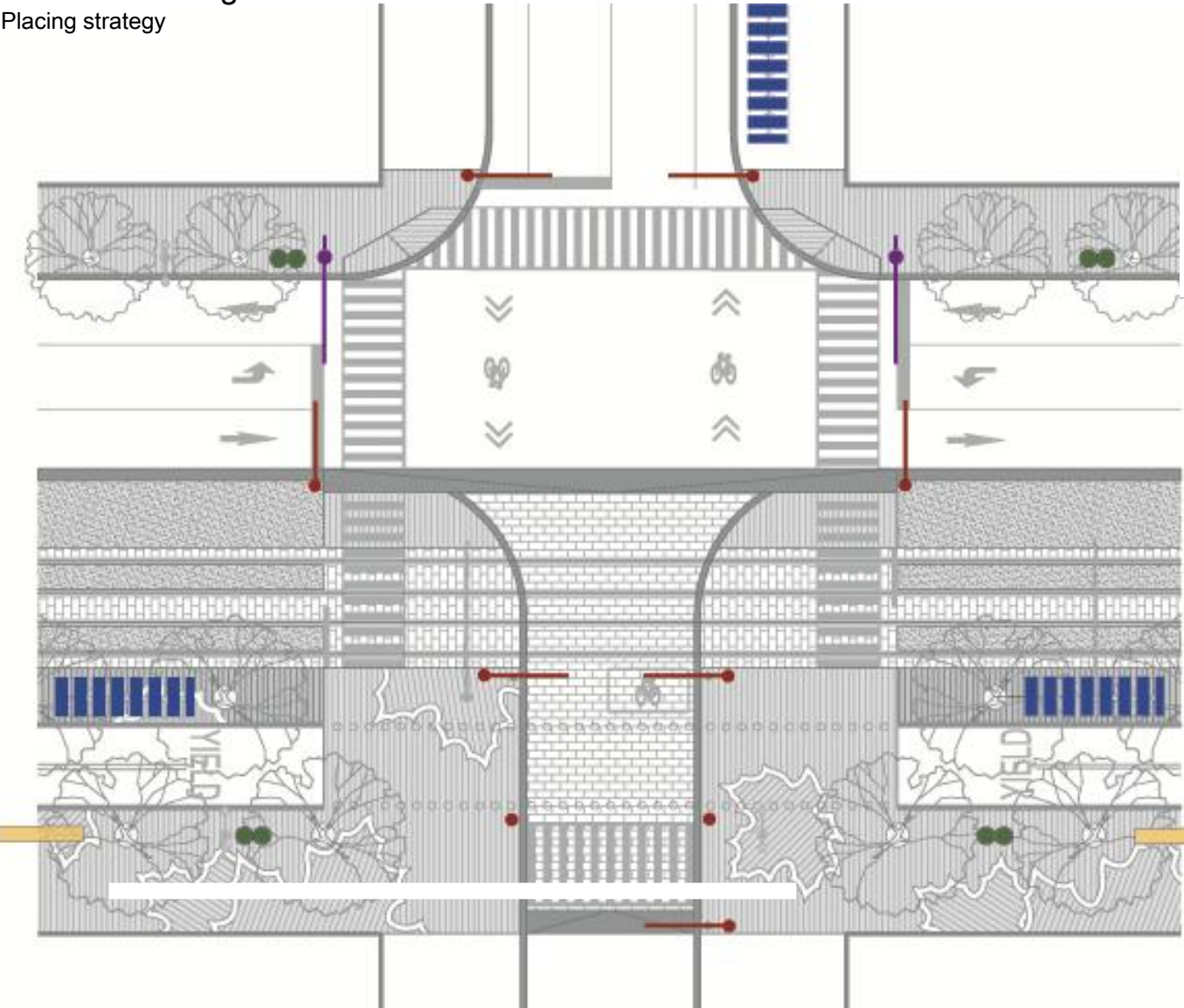


## South side



# Street furnishings

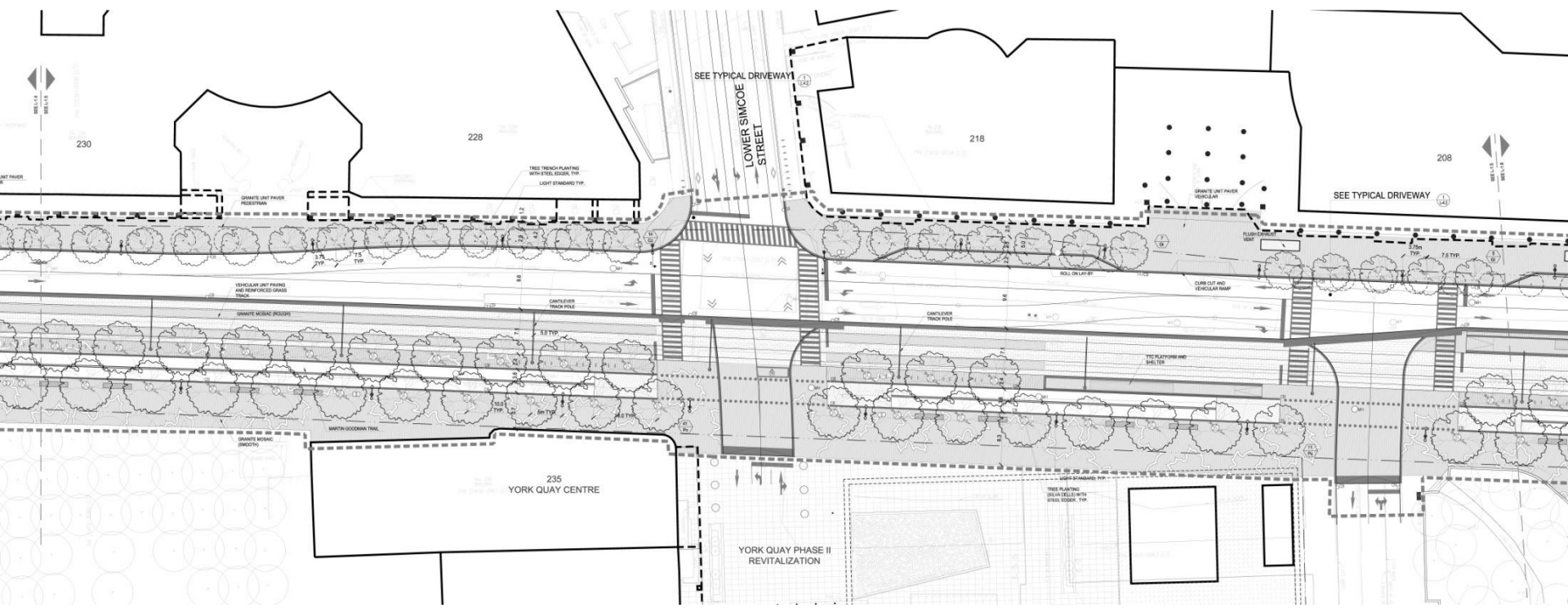
Placing strategy



-  Traffic signal /street light post
-  Traffic signal post
-  Garbage receptacle
-  Bench
-  Bike ring

# Street furnishings

## Placing strategy

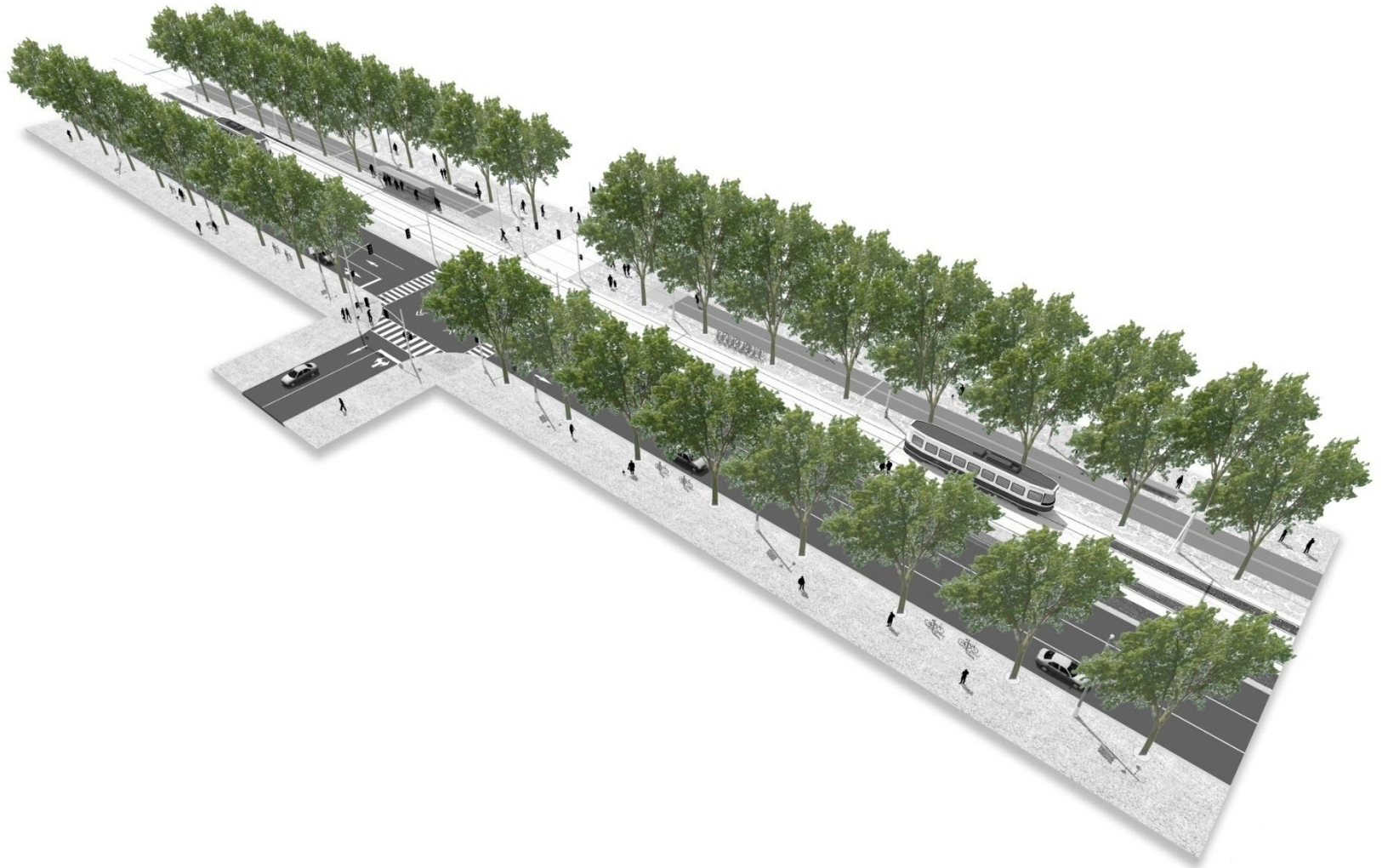








# TREE PLANTING

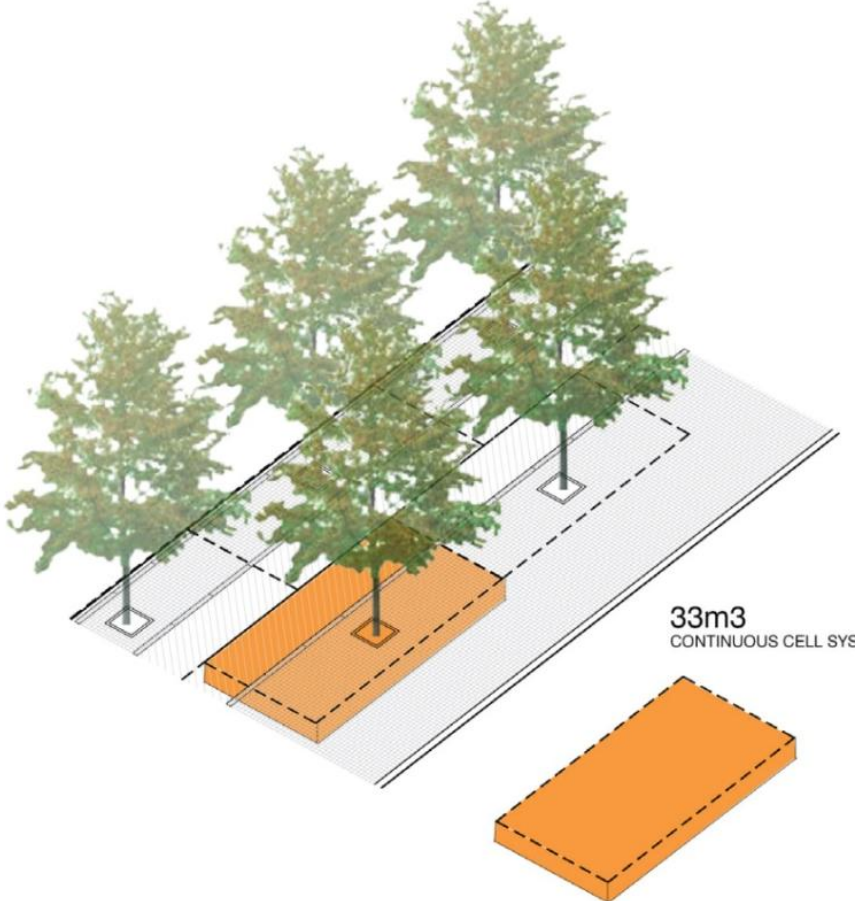


# Tree planting strategy

South and North side

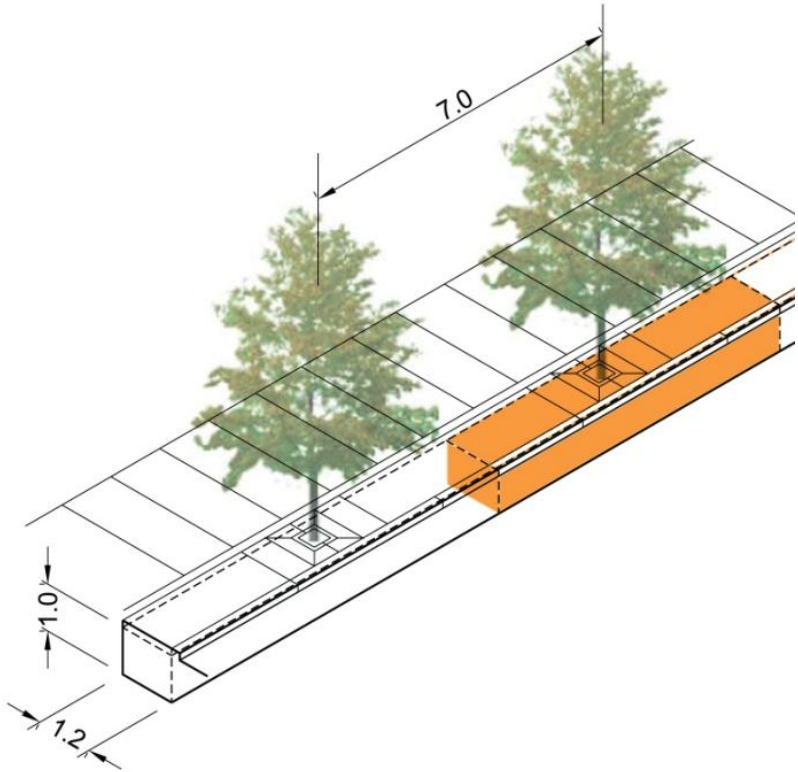
## South Side

Continuous silva cell system under trees and Martin Goodman Trail - approximately 33m<sup>3</sup>/tree



## North Side

Continuous tree trench system similar or greater than soil volume of City of Toronto Standard - approximately 8.7m<sup>3</sup>/tree



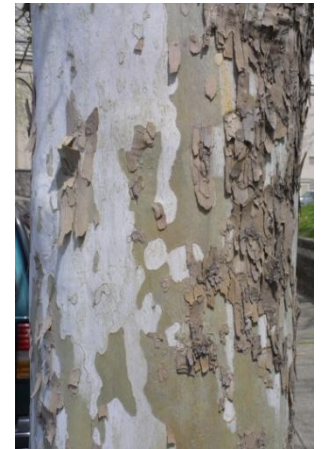


# Tree planting strategy

## Species selection

**South side:** 1 tree species in different cultivars

*Platanus occidentalis* (Plane tree)









# Tree planting strategy

## Species selection

**North side** Diverse variety of native species and hardy cultivars, planted to suit available soil conditions

*Acer / Sunset Maple*



*Corylus colurna / Turkish*



*Gleditsia / Sunset Honeylocust*



*Ulmus / Princeton Elm*



*Tilia / Greenspire Linden*



*Quercus / Pin Oak*



*Celtis / Hackberry*



*Phellodendron / Amur*







*Corylus columna* / Turkish



*Gleditsia triacanthos* 'Skyline' / Sunset



# Tree planting strategy

## Planting strategy

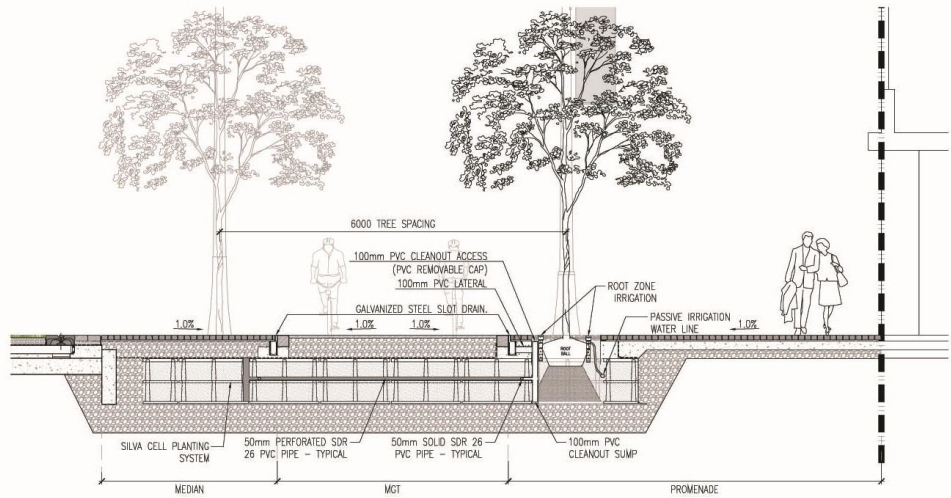
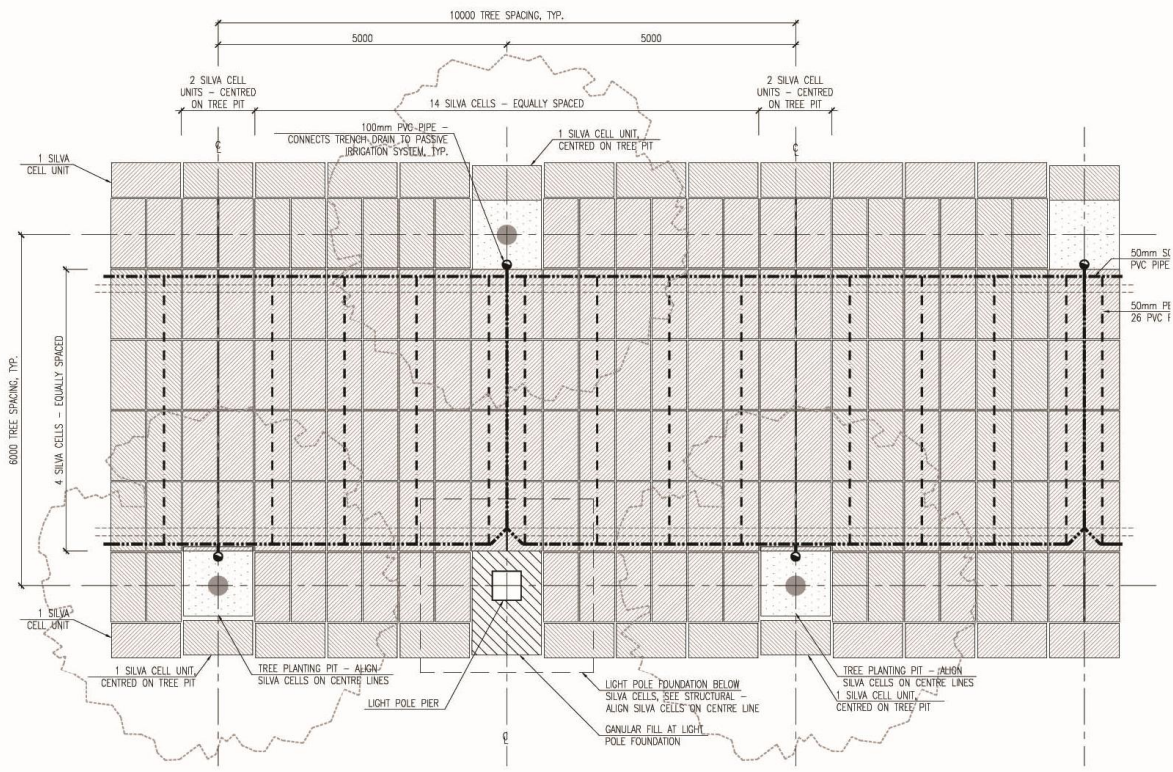
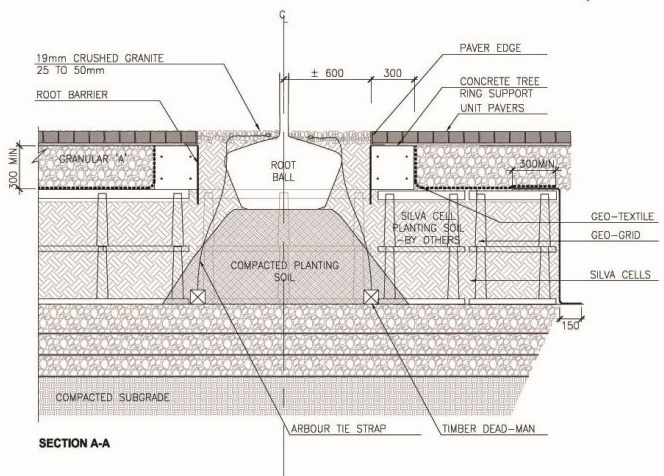
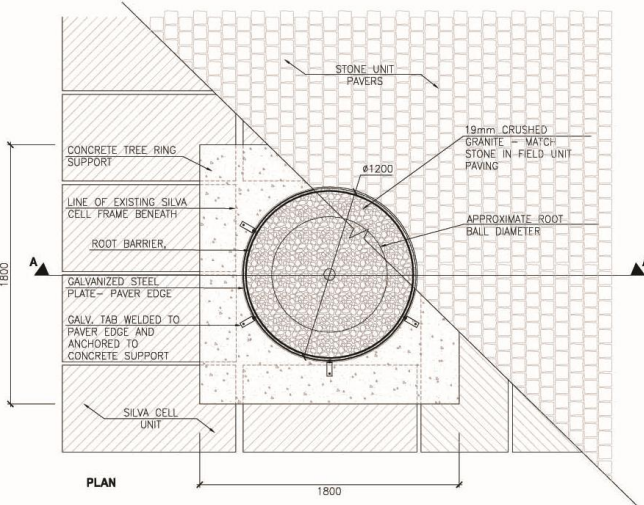
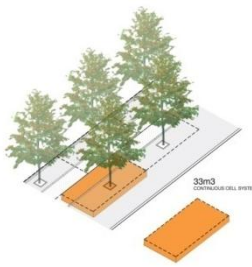


*Platanus occidentalis* (Plane tree)



# Tree planting strategy

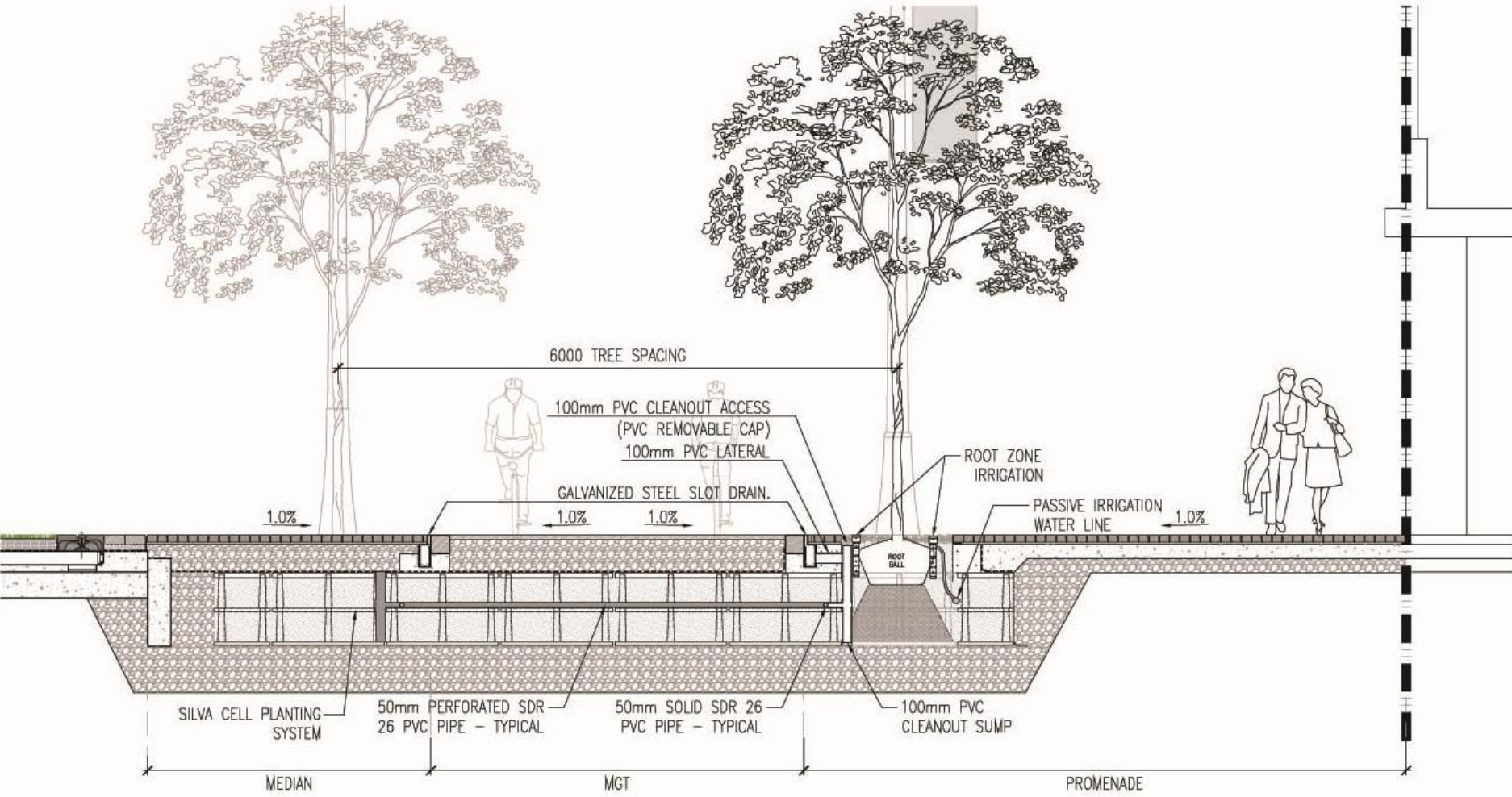
## South side walk - typical section + details Promenade





# Tree planting strategy

South side walk - typical section + details Promenade





# Tree planting strategy

## Silva Cells



2 layers of silva Cells over granular base



Electrical ducts and irrigation through Silva Cells



Top deck of Silva Cells



Tree pit opening in top deck of Silva Cells





Formwork for tree pit over Silva Cells



Granular over Silva Cells



Tree planting in Silva Cells



Finished surface over Silva Cells







# REPORT BACK ITEM - INTERSECTION

Working group meeting 16.11.2010

## DESIGN



# INTRODUCTION TO WAYFINDING AND SIGNAGE

Working group meeting 16.11.2010

**Debbie Adams**

**ADAMS + ASSOCIATES DESIGN CONSULTANTS INC.**

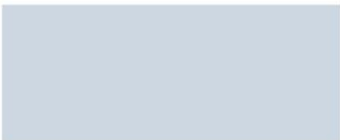




from left to right  
 1 Exterior information pylons  
 2 Garden Identification  
 3 Garden ID/didactic pylons



A+a



The new Toronto Botanical Garden is a cultural attraction and gardening resource centre at Edwards Gardens in Toronto. It is comprised of extensive and diverse display gardens, new retail premises and reconfigured and renovated existing buildings including a children's centre, Canada's largest gardening library, special events spaces, several gardening clubs, meeting rooms and offices. The design of the signage program responds to both the architecture of the new and renovated buildings and the landscape architecture of the gardens.

TORONTO BOTANICAL GARDEN



from left to right  
 1 Site identification  
 2 Building identification  
 3 Entrance identification  
 4 Plant identification (template provided, produced in-house)

A+a



The signage program includes site identification, wayfinding, donor commemoration, didactic information in gardens, information pylons and environmental graphics for a range of amenities. Sandblasted stainless steel and back printed glass are utilized as primary exterior materials, informed by colours and fonts found in the centre's new brand identity.

TORONTO BOTANICAL GARDEN





from left to right

- 1 Garden ID/didactic pylon, detail
- 2 Exterior wayfinding
- 3 Garden ID/didactic panel, wall mounted
- 4 Outdoor space identification



from left to right  
 1 Water Park mural  
 2 Cor-Ten interpretive pylon  
 3 Stainless Steel interpretive pylon

A+a



A+a developed environmental graphics in the Forks of the Thames river park system, City of London, Ontario. For a water park, we designed a series of wall panels that are experienced from several viewing distances—from stainless steel channel letters spelling 'LONDON' to be seen from across the river, to illustrations depicting aspects of the Thames' history viewed from across the park and texts relating to rivers and history, to be read close-up. In collaboration with David Dennis Design, we also designed a series of pylons placed along the river providing river heritage interpretive information

FORKS OF THE THAMES RIVER PARK  
 CITY OF LONDON, ONTARIO



A+a



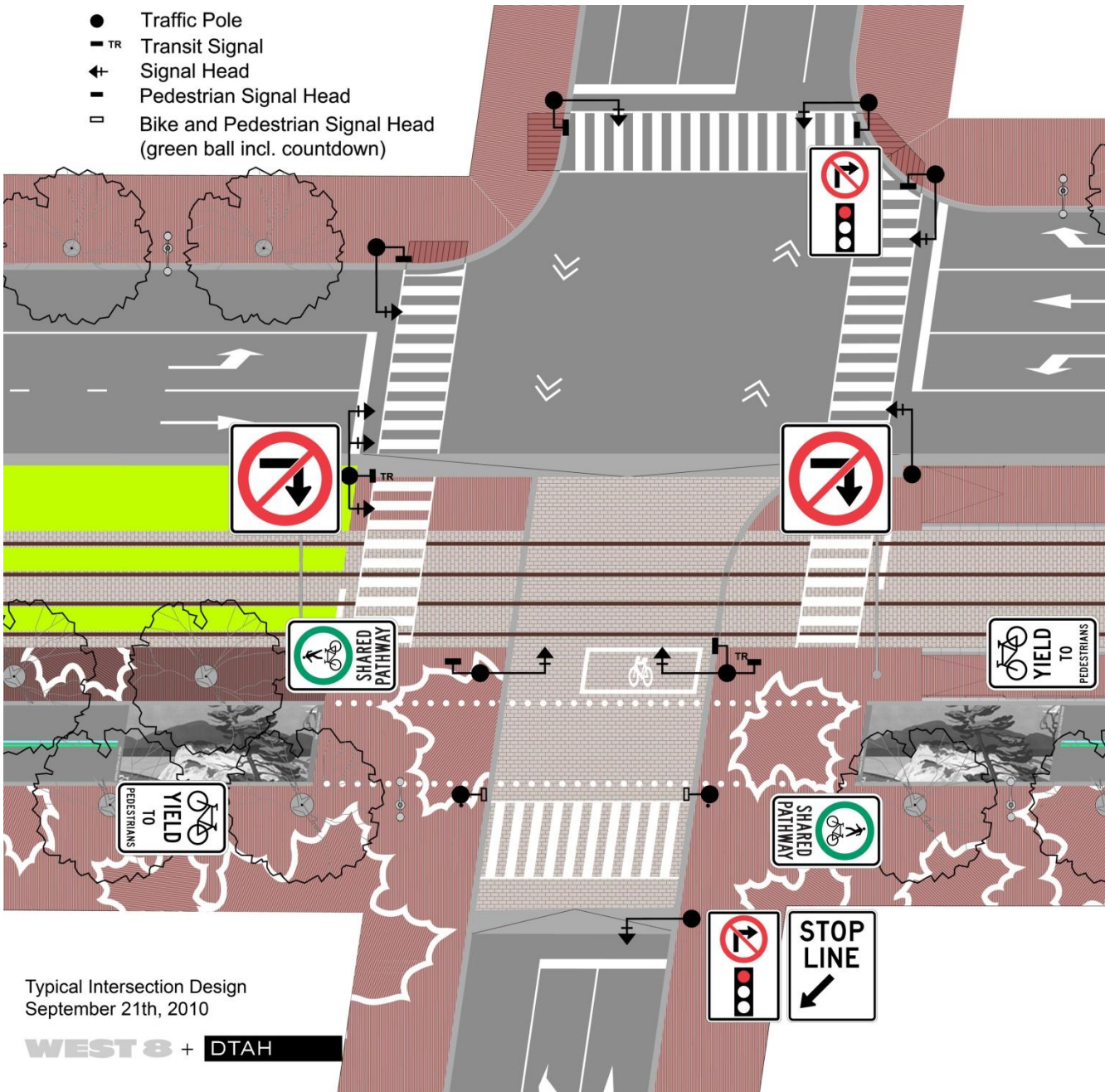
Evergreen Brick Works is a project that repurposes an industrial brick manufacturing plant into a model of urban sustainability. In development, A+a has designed an exterior and interior signage and wayfinding plan that includes site identification, vehicular and pedestrian wayfinding, and interior building signage.

EVERGREEN BRICK WORKS





- Traffic Pole
- <sup>TR</sup> Transit Signal
- ⊕ Signal Head
- ⊖ Pedestrian Signal Head
- Bike and Pedestrian Signal Head (green ball incl. countdown)

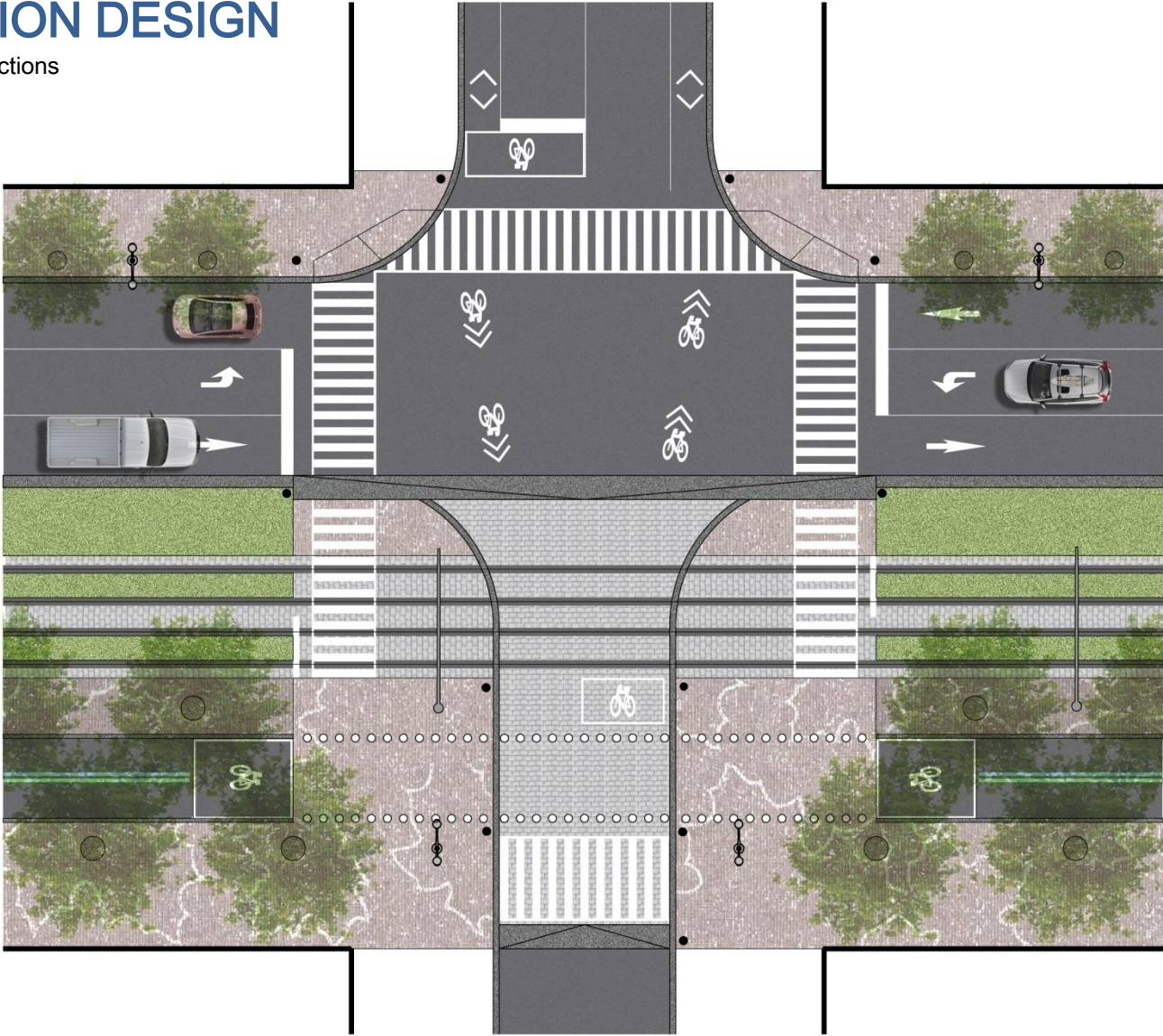


Typical Intersection Design  
September 21th, 2010



# INTERSECTION DESIGN

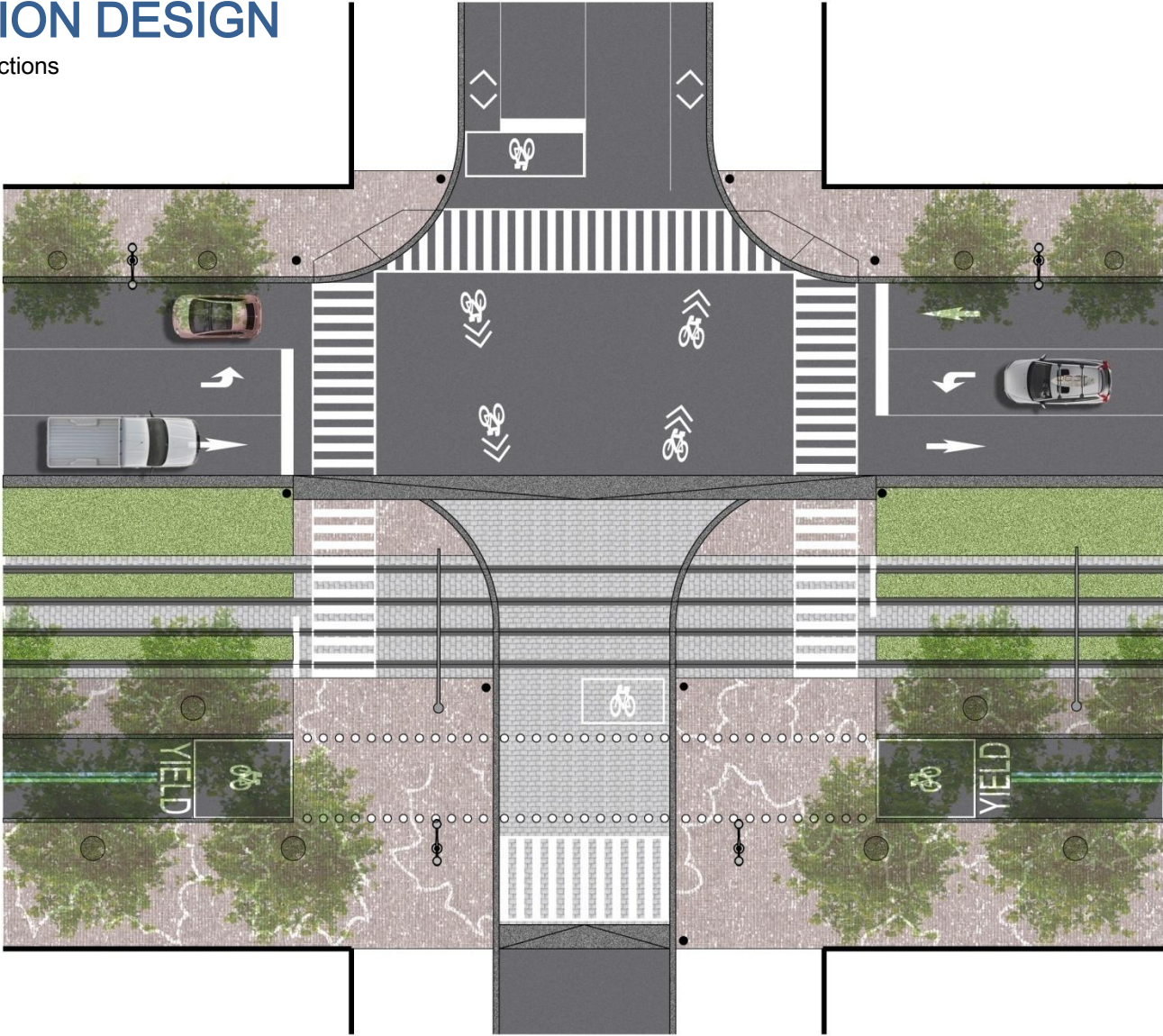
Cycling strategy at intersections



White bike boxes

# INTERSECTION DESIGN

Cycling strategy at intersections

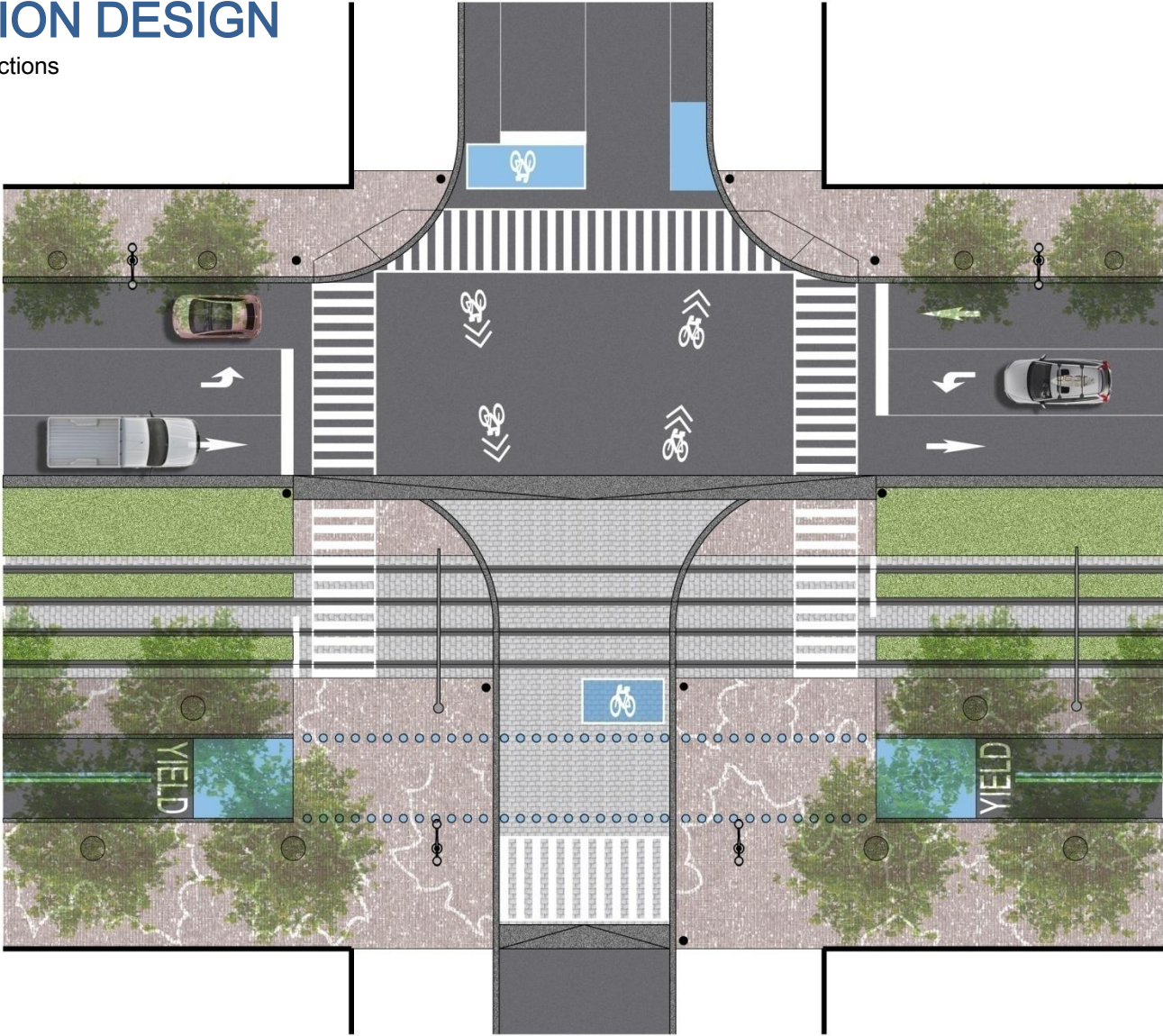


White bike boxes + Yield + no traffic light



# INTERSECTION DESIGN

Cycling strategy at intersections

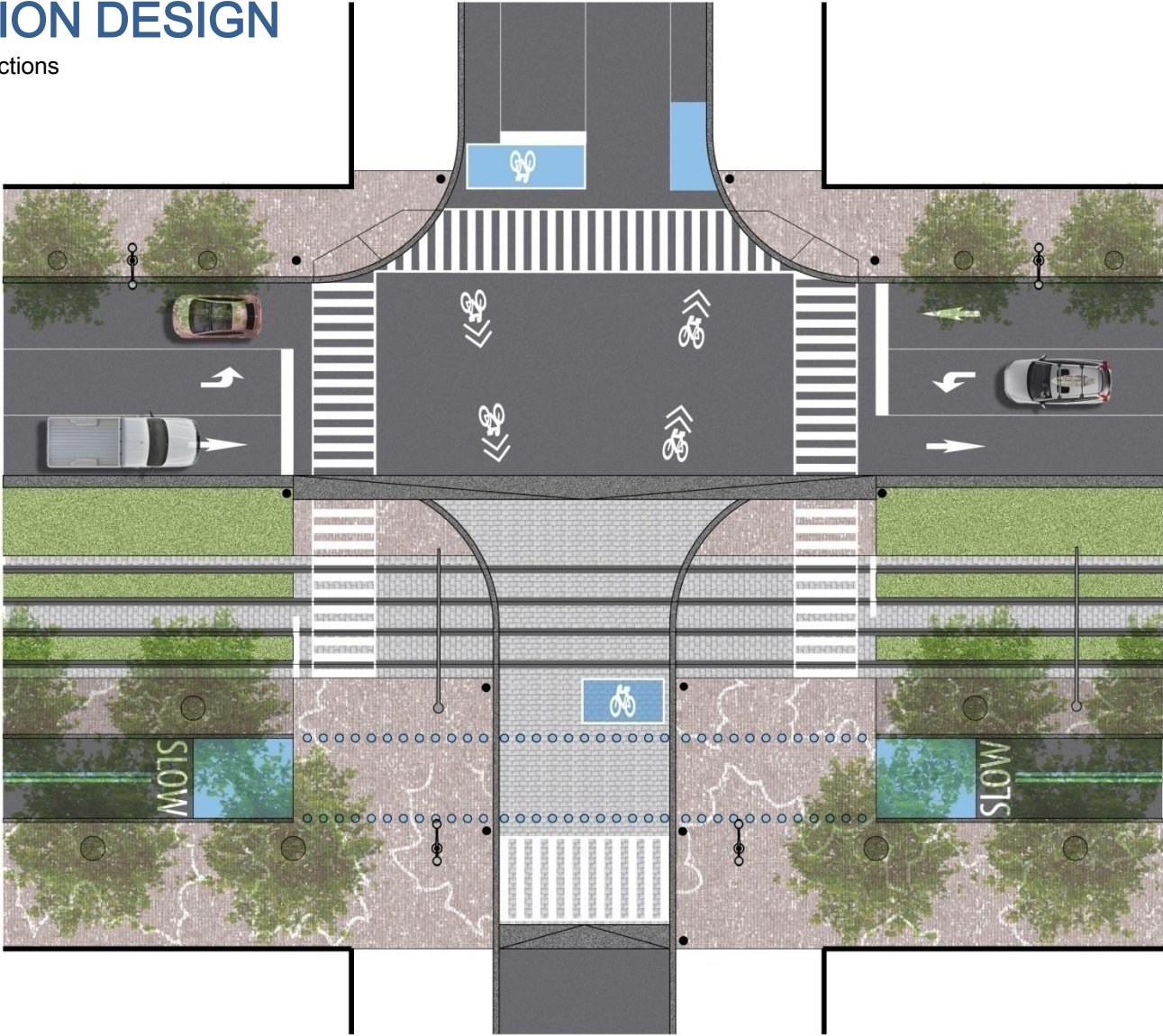


Color as guiding + Yield + no traffic lights



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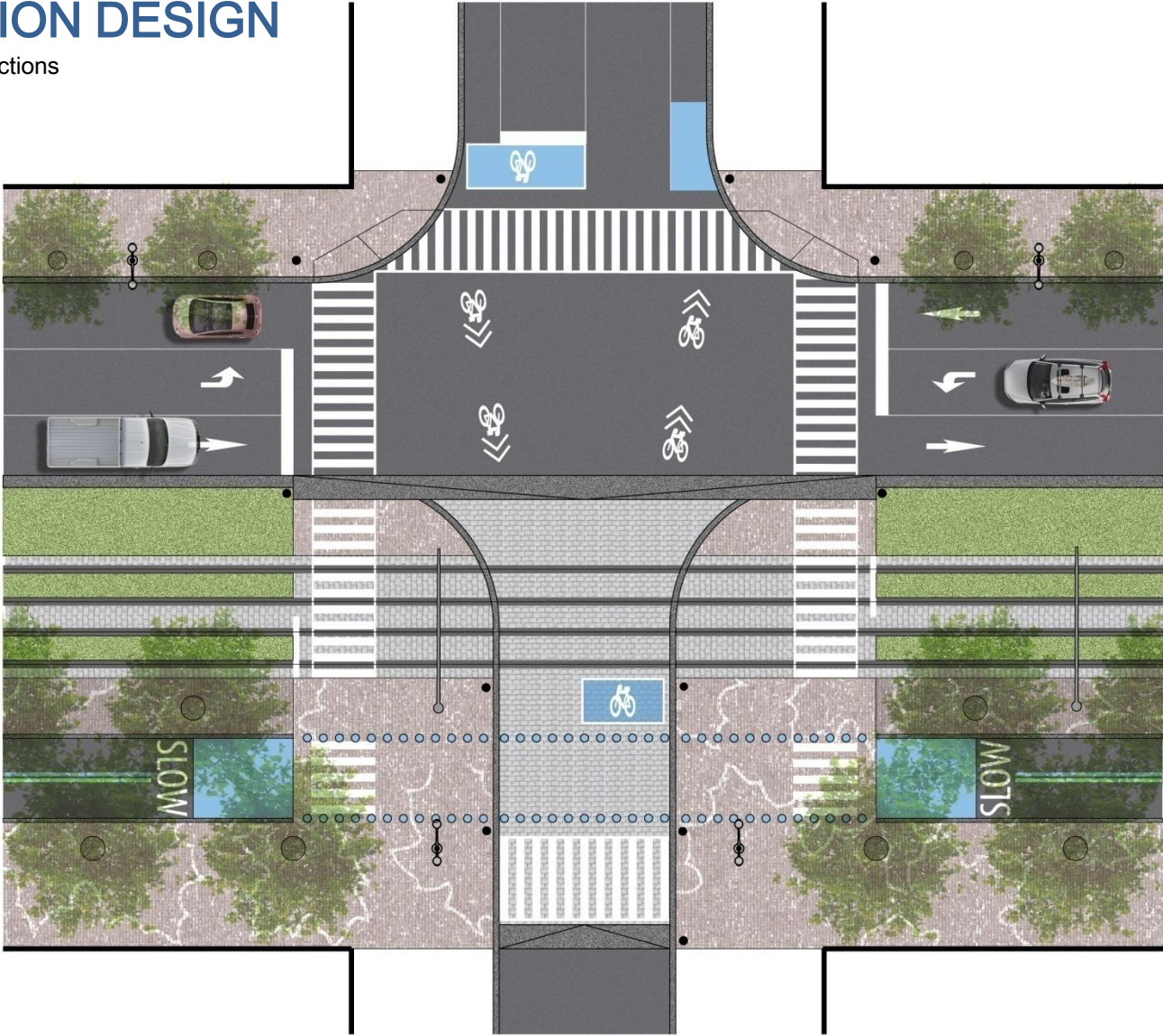
Cycling strategy at intersections



Color + Slow + traffic light

# INTERSECTION DESIGN

Cycling strategy at intersections

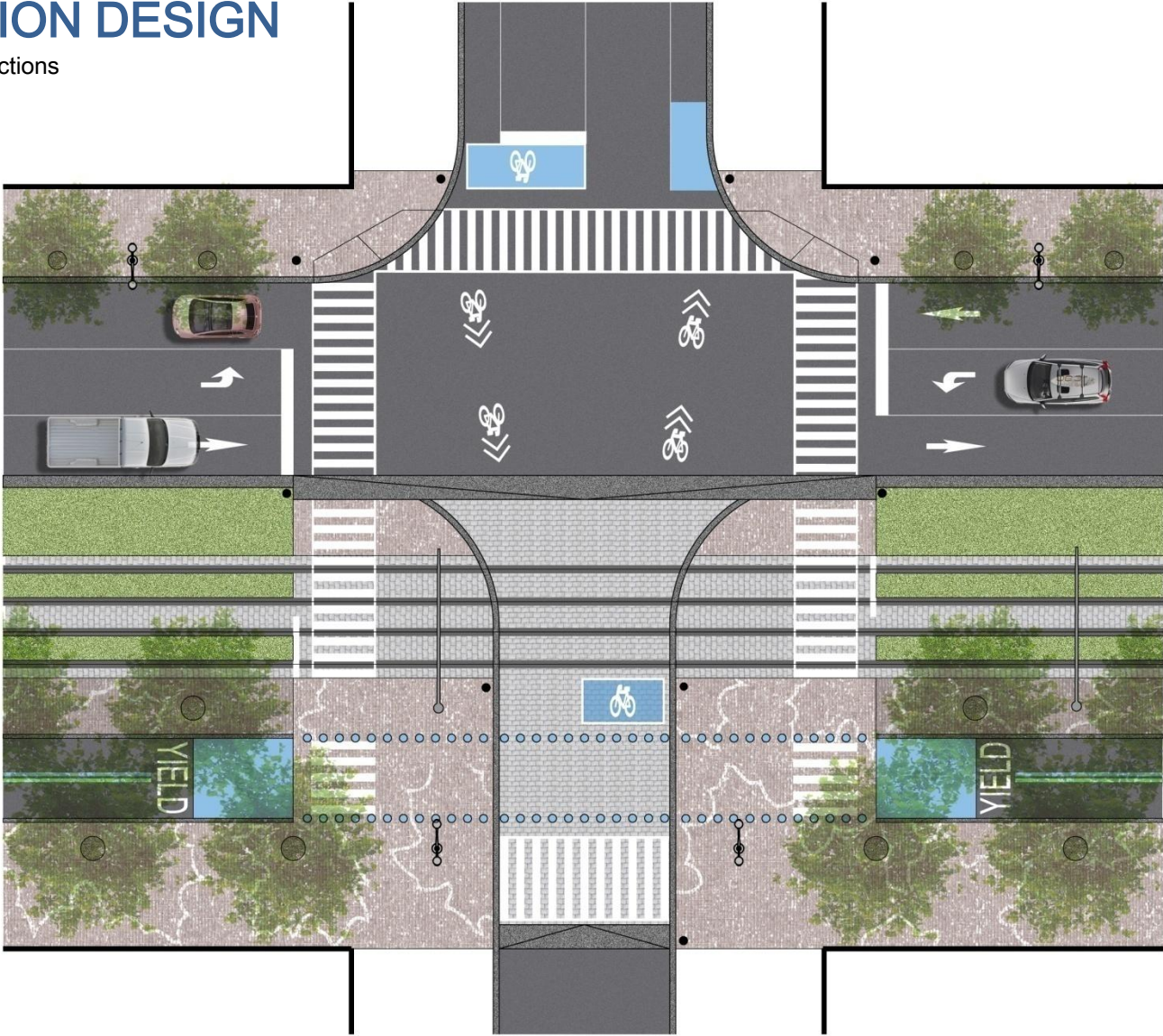


Color + cross walks MGT + Slow + traffic light



# INTERSECTION DESIGN

Cycling strategy at intersections

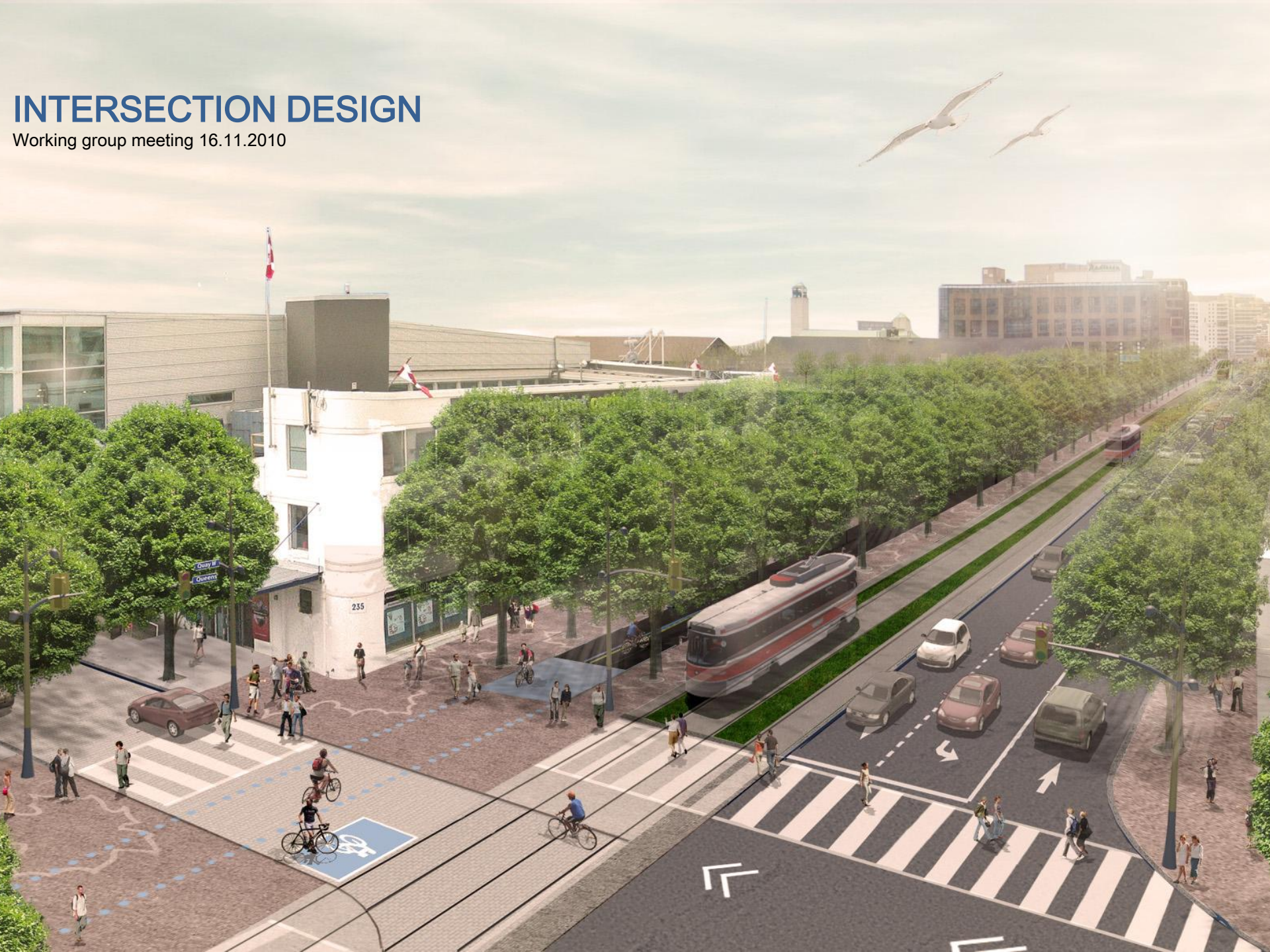


Color + cross walks MGT + Yield + no traffic light



# INTERSECTION DESIGN

Working group meeting 16.11.2010





# 2 Months Outlook

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Complete 100% Schematic Design

Start Detailed Design

Wayfinding / signage

Heritage and Art strategy

Accessibility Review

Bus management

Electrification Plan for Queens Quay

Street and Tree Lighting Strategy

Extent of Construction for the First Phase

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# Next Steps

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- Queens Quay Working Group Meeting # 7 scheduled for December 14
- Community Update Meeting #2 scheduled for November 17
- Drop-in session scheduled for January 19

<http://www.waterfrontoronto.ca/qqconsultation>

# QUEENS QUAY



Design Update  
2010.11.16 Queens Quay Working Group Meeting 6  
Presentation

West 8 + DTAH