



## East-West Bikeway Evaluation



Cycling Advisory Committee – January 16, 2019



## Meeting Objectives

- Identify the preferred alternative for the east-west bikeway evaluation
- Identify the top three ranked corridors
- Next steps for east-west bikeway

2



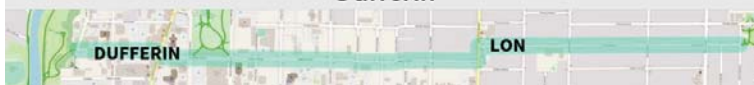
## Background

- Six corridors alternatives were evaluated as part of the East-West Bikeway Evaluation:
  - Dufferin Avenue
  - York Street
  - King Street and Queens Avenue couplet
  - Dundas Street – two-way unidirectional
  - Dundas Street OEV Hybrid
  - Dundas Street – two-way bidirectional

3



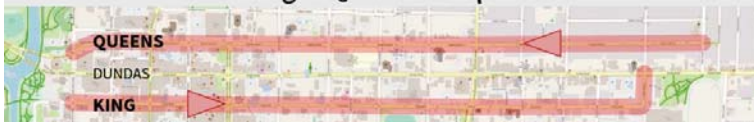
### Dufferin



### York



### King & Queens Couplet



4



### Dundas (two-way unidirectional and bidirectional)



### Dundas & Queens Hybrid OEV Couplet

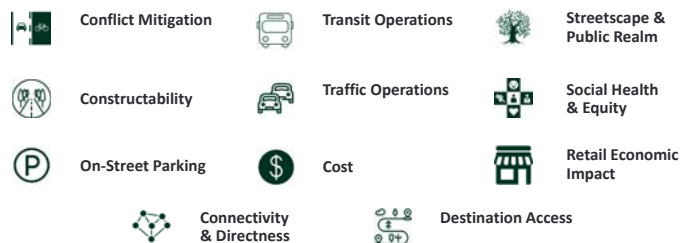


5



## Study Evaluation Criteria

- These criteria were developed using best practices from Ontario Traffic Manual (OTM) Book 18: Cycling Facilities and with input from key stakeholders



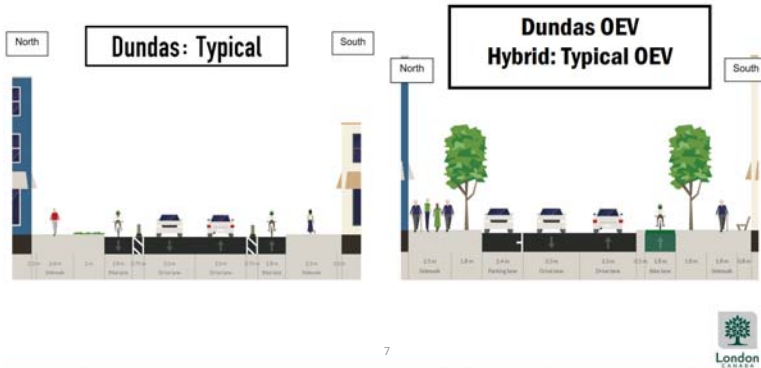
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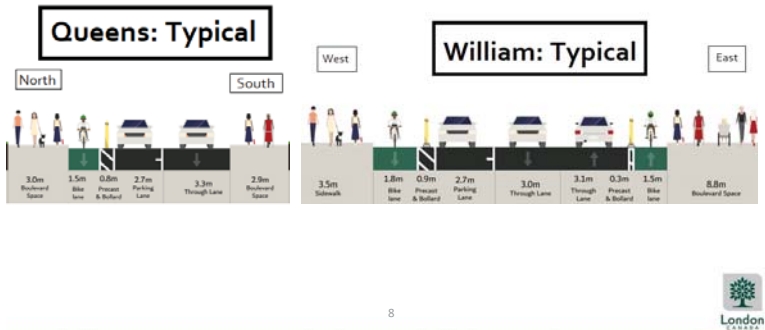
## Dundas Street Alternatives

- Preferred Alternative – Dundas OEV Hybrid



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## Enhancing the Pedestrian and Public Realm



New street features enhance the public realm and vitality of the OEV.

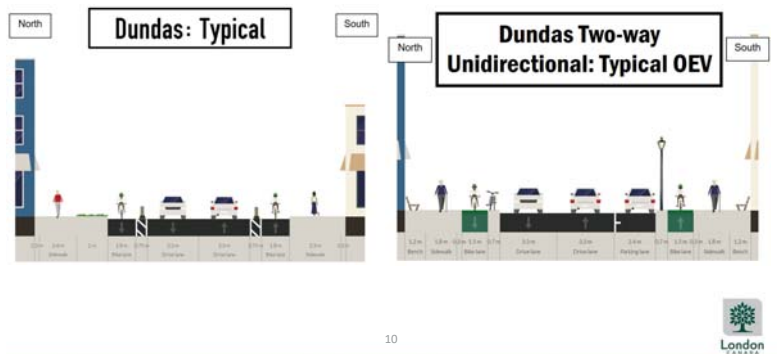
- Landscaping zones to beautify the street
- Patio space for local businesses
- Mid-block crossings for easier pedestrian movement
- Separated bikeway for eastbound cyclists

9



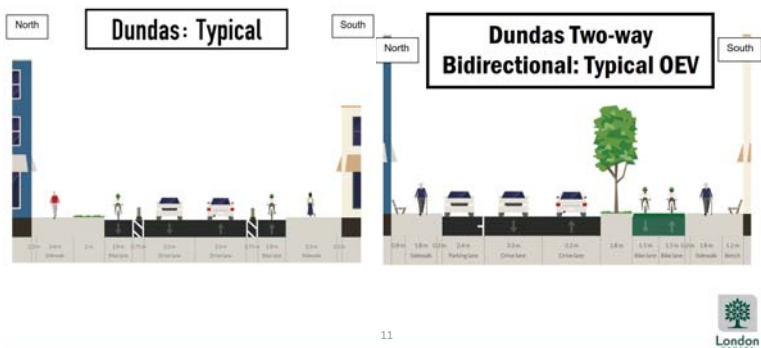
## Dundas Street Alternatives

- 2<sup>nd</sup> ranked alternative – two way unidirectional

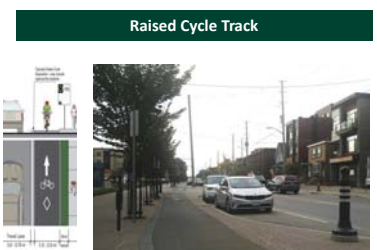


## Dundas Street Alternatives

- 3<sup>rd</sup> ranked alternative – two way bidirectional



## Proposed Separation Techniques



12







## Dundas & Colborne Protected Intersection



13



## Next Steps

- Report to Council
- Begin design phase for east-west bikeway
- Construction quickly follows
- Continue to work with CAC throughout the design phase

14



- 1 rating – least preferred
- 4 rating – most preferred

## Evaluation of Top 3 Ranked Alternatives

		1 Rating	2 Rating	3 Rating	4 Rating
1 <sup>st</sup>	Dundas OEV		<ul style="list-style-type: none"> <li>• Conflict Mitigation</li> <li>• Parking</li> <li>• Traffic Operations</li> </ul>	<ul style="list-style-type: none"> <li>• Constructability</li> <li>• Transit Operations</li> <li>• Connectivity &amp; Directness</li> <li>• Destination Access</li> <li>• Cost</li> <li>• Social Health &amp; Equity</li> </ul>	<ul style="list-style-type: none"> <li>• Streetscape &amp; Pedestrian Realm</li> <li>• Retail Economic Impact</li> </ul>
2 <sup>nd</sup>	Dundas two-way uni		<ul style="list-style-type: none"> <li>• Conflict Mitigation</li> <li>• Parking</li> <li>• Traffic Operations</li> <li>• Streetscape &amp; Public Realm</li> <li>• Retail Economic Impact</li> </ul>	<ul style="list-style-type: none"> <li>• Constructability</li> <li>• Transit Operations</li> <li>• Cost</li> </ul>	<ul style="list-style-type: none"> <li>• Connectivity &amp; Directness</li> <li>• Destination Access</li> <li>• Social Health &amp; Equity</li> </ul>
3 <sup>rd</sup>	Dundas two-way bi	<ul style="list-style-type: none"> <li>• Conflict Mitigation</li> <li>• Traffic Operations</li> </ul>	<ul style="list-style-type: none"> <li>• Constructability</li> <li>• Parking</li> <li>• Transit Operations</li> <li>• Streetscape &amp; Pedestrian Realm</li> <li>• Cost</li> <li>• Retail Economic Impact</li> </ul>		<ul style="list-style-type: none"> <li>• Connectivity &amp; Directness</li> <li>• Destination Access</li> <li>• Social Health &amp; Equity</li> </ul>



## Questions?

16

