



Bus Stops with Protected Bike Lanes

A presentation to the Cycling Advisory Committee



Motivation

- Increase transit reliability – no need for bus to merge across bike lane to pick up passengers
- Improve safety for cyclists - no merging into traffic to pass a stopped bus
- Increase space for passenger amenities (benches, shelters, etc)
- Increase passenger landing area to make it easier to board with a mobility device



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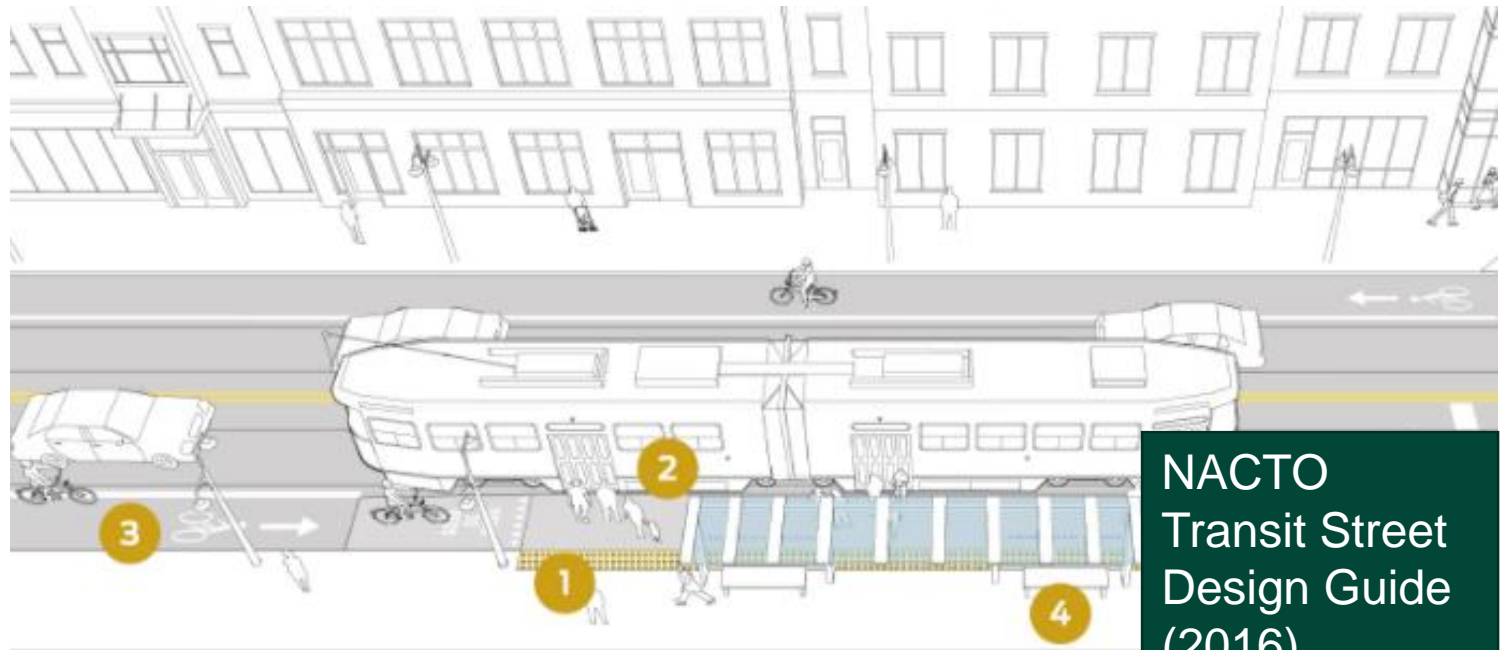
Design Best Practice



NACTO
Transit Street
Design Guide
(2016)



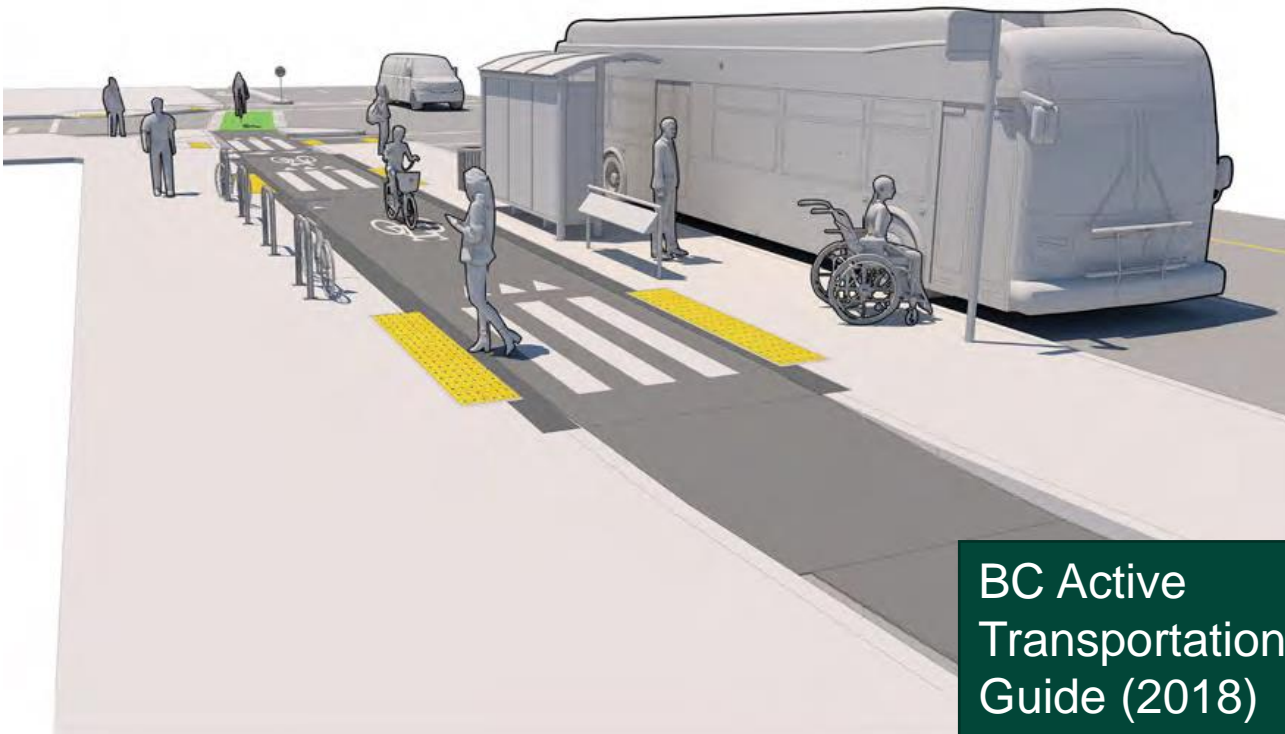
Design Best Practice



NACTO
Transit Street
Design Guide
(2016)



Design Best Practice



BC Active
Transportation
Guide (2018)



Design Best Practice

Figure 5.20 – Cycle Facility at Transit Stop
(Roncesvalles Avenue, Toronto)



Credit: Google, 2013

Figure 5.21 – Cycle Facility at Transit Stop
(Sherbourne Street, Toronto)

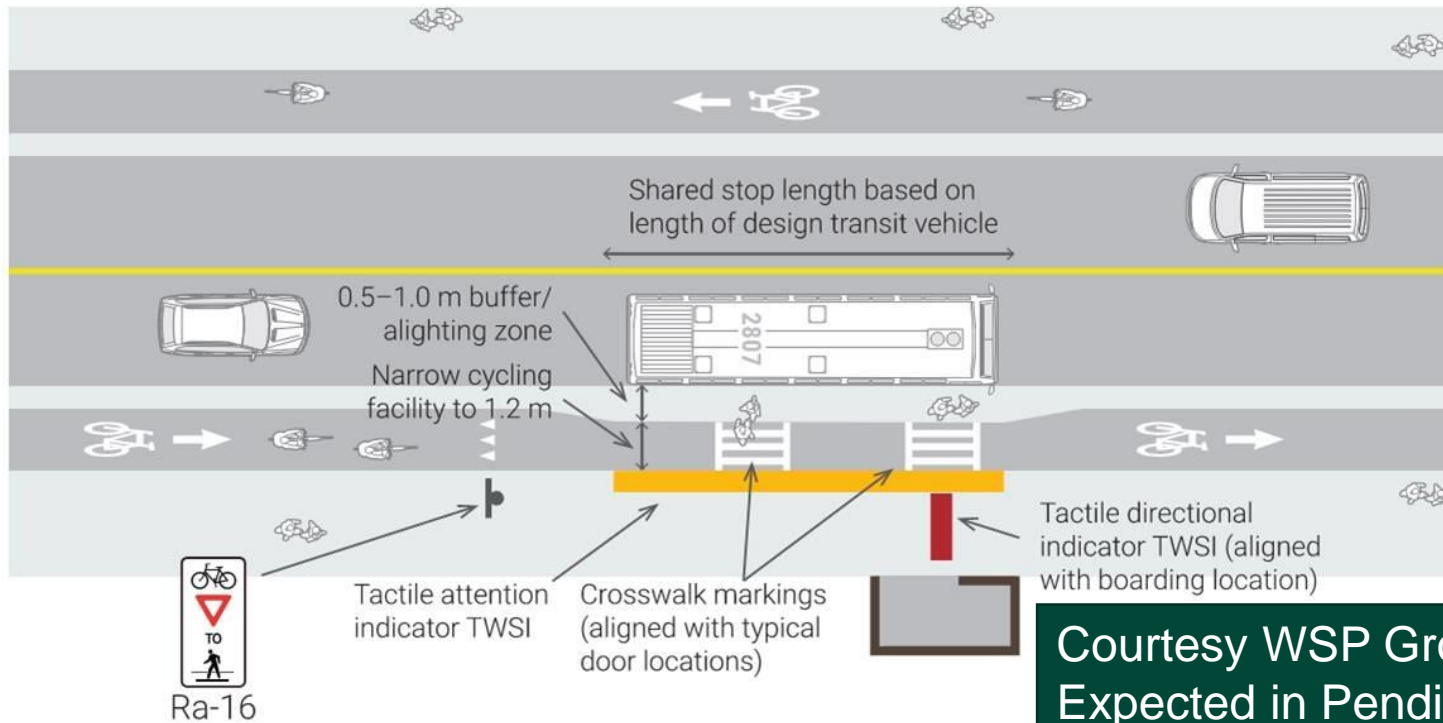


Credit: City of Toronto

Ontario Traffic Manual
Book 18



Design Best Practice



Courtesy WSP Group
Expected in Pending
Ontario Traffic Manual
Book 18 (2021)

Transit Islands

Transit islands require more width and therefore are only possible where space allows and transit volumes warrant



Space to wait and for shelter and bike parking

Crosswalk Markings

Tactile strip and plates

Stop for Pedestrians

Shared Stop

Shared or integrated stops can fit in constrained areas





Mitigating Conflicts

- Signs instruct people on bikes to stop for pedestrians
- Ramps, lateral shifts and/ or bike lane narrowing used to slow cyclists on approach
- Pavement markings indicate where to stop and who has priority
- Communication campaign including short- and longer-term tactics to increase awareness and educate users of their responsibilities at these new stops



Communication

Initial actions:

- Launch social media campaign and videos
- Host meetings with cycling groups
- Conduct onsite media interviews
- Update road safety information on london.ca
- Post internal messaging for LTC drivers
- Install posters on buses

Moving forward:

- Monitor stops
- Collect feedback from LTC passengers, Advisory Committees and cycling groups
- Consider additional onsite education opportunities



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Questions?

