



MiWay Bus Stop Standards

Tactile Walking Surface Indicators (TWSIs)

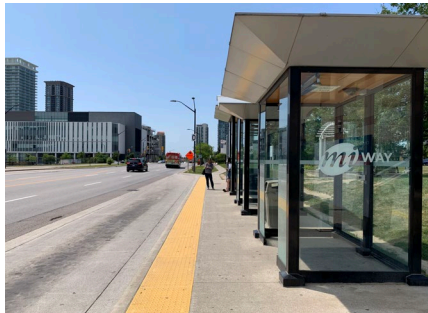
MiWay Infrastructure Growth Plan (MIGP)

A strategic plan to direct the effective allocation of funding investments to transit infrastructure.



Infrastructure Direction

Comprehensive barrier-free transit infrastructure that enhances the customer experience, attracts new passengers, and strengthens the connection between land use and transit.



Barrier-free infrastructure

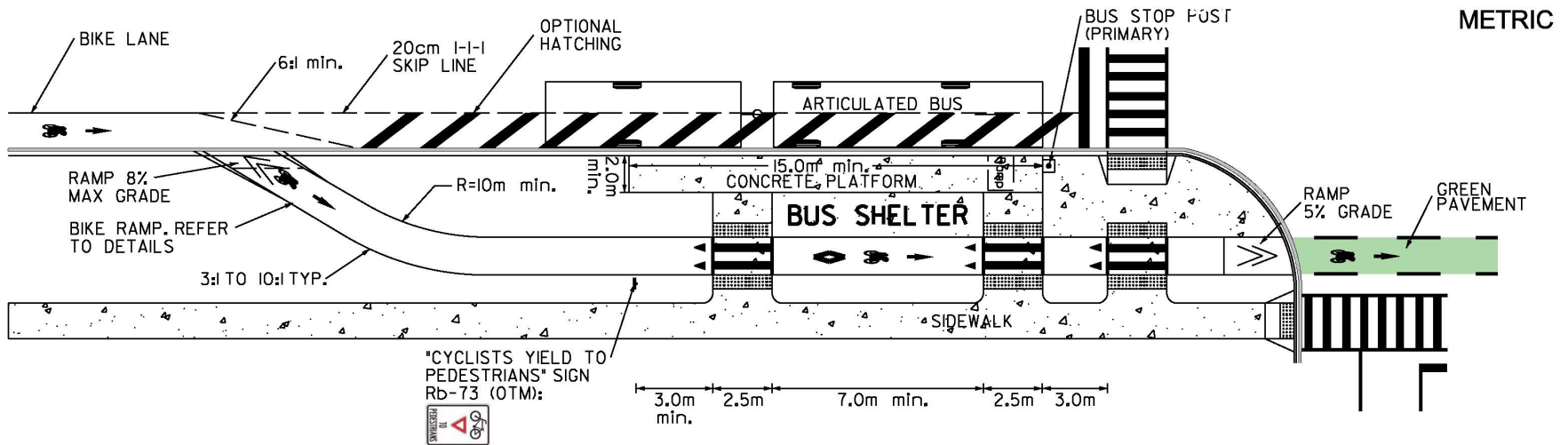
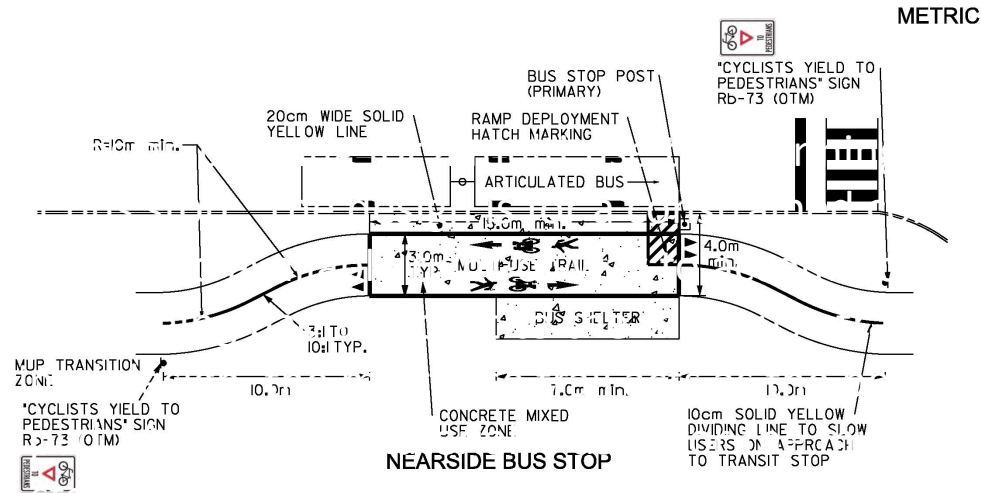


Enhanced customer experience



Land use and transit connections

Standard Drawing Updates (Examples)



Use of Tactile Walking Surface Indicators (TWSIs)

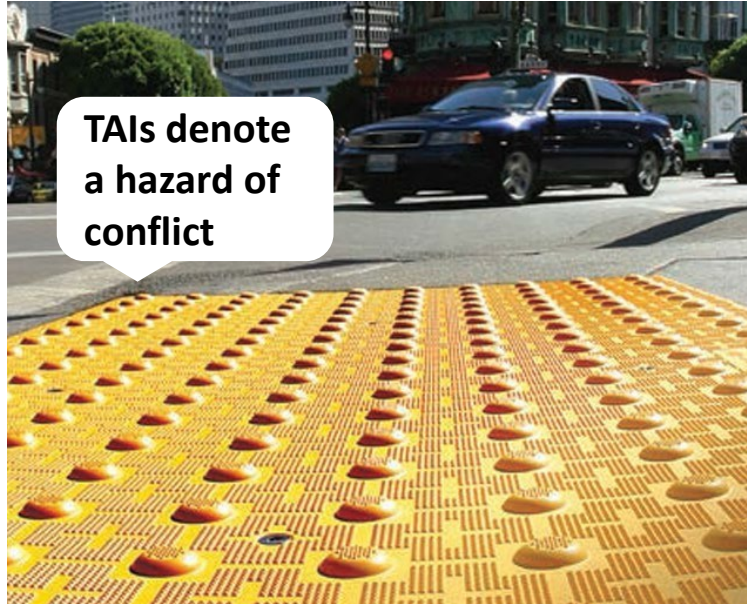
- Accessibility practices are changing and evolving as related to surface applications at on-street transit bus stops particularly in areas that interact with in-boulevard cycling and shared-use facilities
- Confirm with AAC the recommended uses of tactile walking surface indicators (TWSIs) at transit stops with active transportation facilities

Best Practices Industry Scan

- **Various policies and guidelines** for designing accessible transit stops interfacing with active transportation facilities were reviewed
- The purpose was to **identify and understand practices** that inform the use of TWSIs at these facilities
- Focused primarily on practices in **Ontario**

Types of Indicators

Tactile Attention Indicator (TAI)



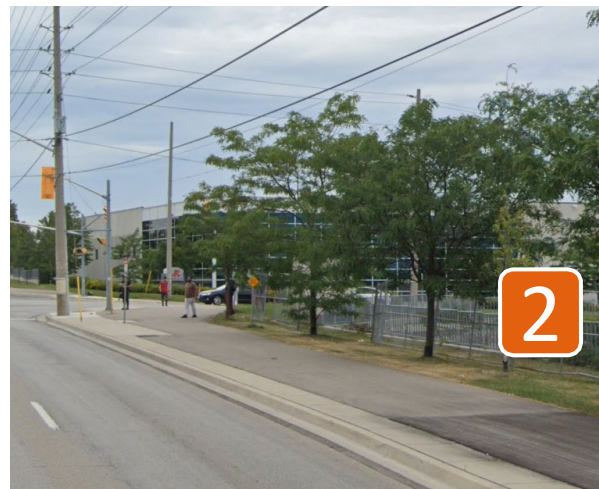
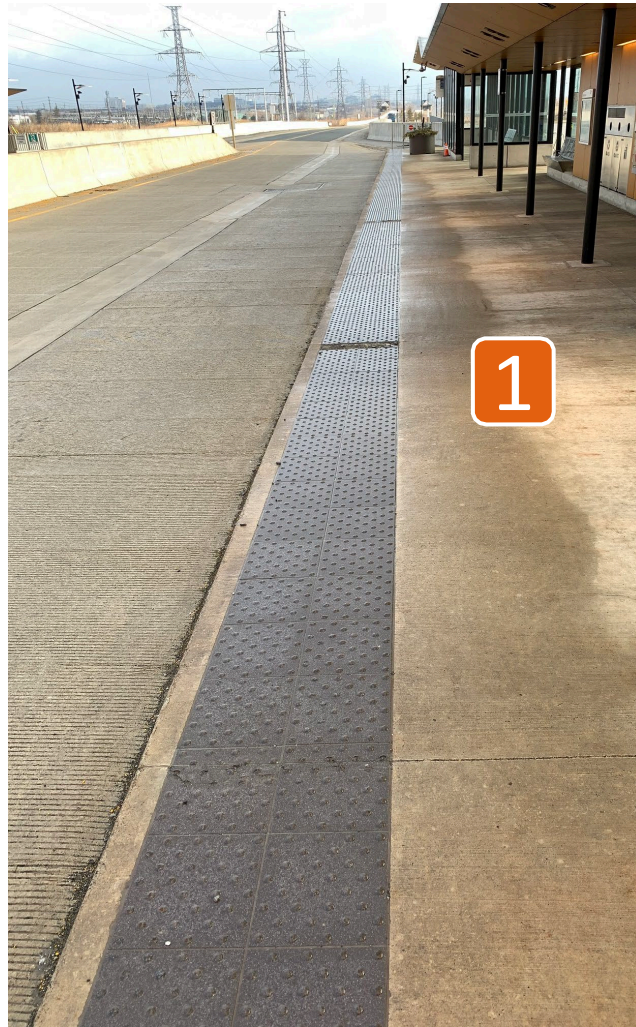
Linear cone-like pattern, easily detected by foot or cane

Tactile Directional Indicator (TDI)



Elongated, flat-topped bars that outline an important direction of travel.

Tactile Approaches Platform Edges



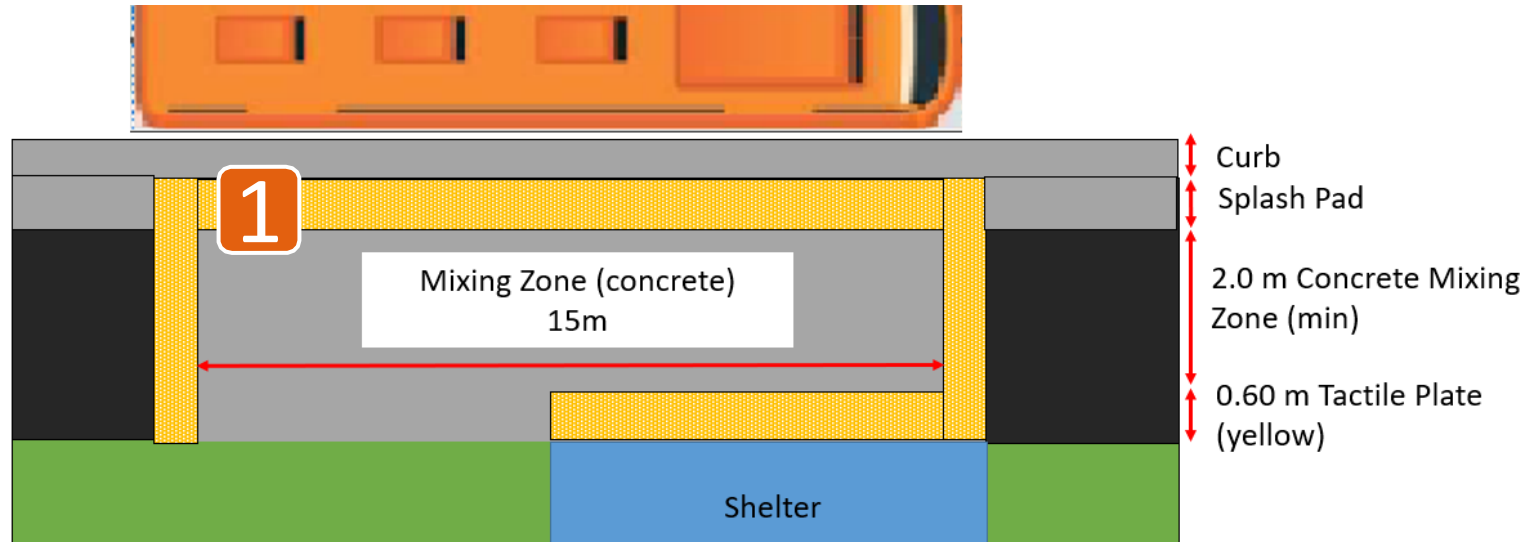
Source: Google Streetview

Source: OTM Book 18

- Intent for #1?
- Policy direction?

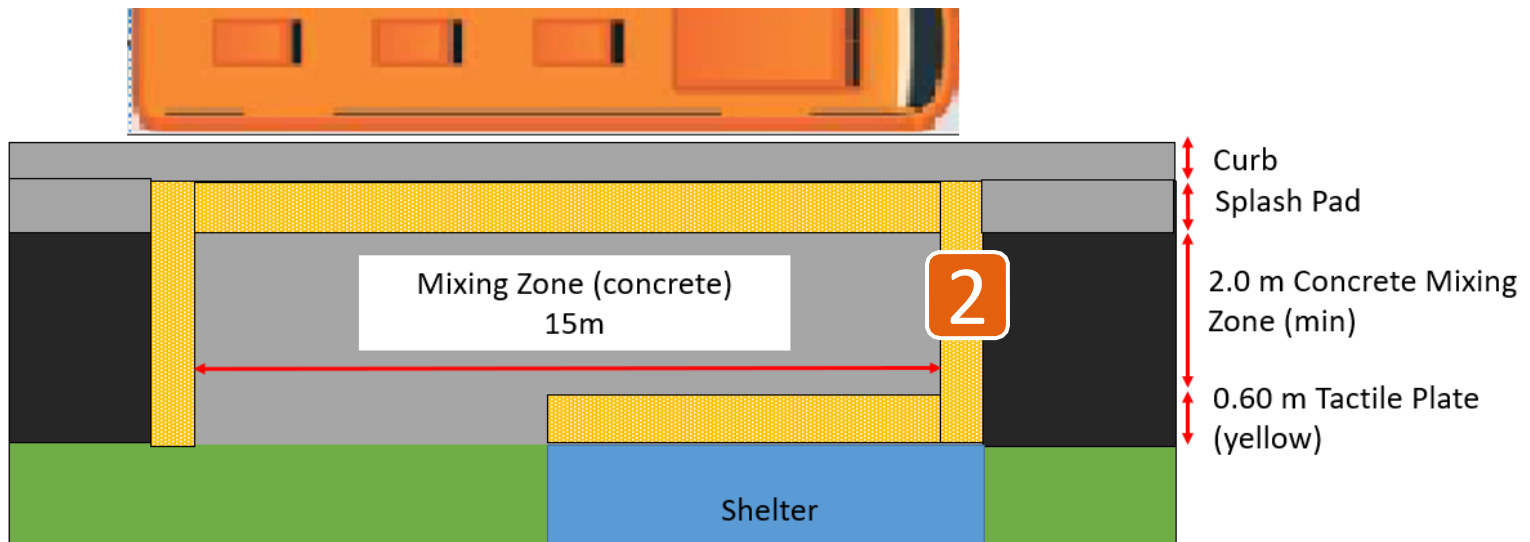
- More or less need for tactile indicator in #2 or #3

Integrated Transit Stops with Multi-Use Trails (#1)



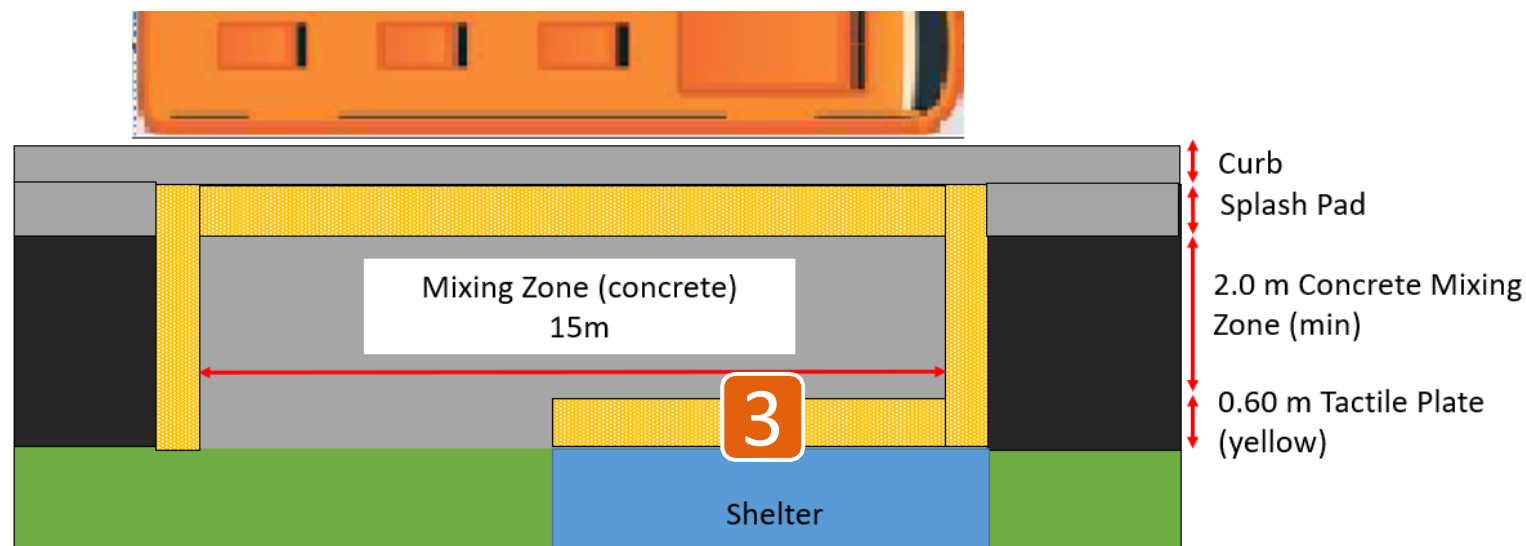
- Are tactile plates required when stepping off a bus onto a multi-use trail?

Integrated Transit Stops with Multi-Use Trails (#2)



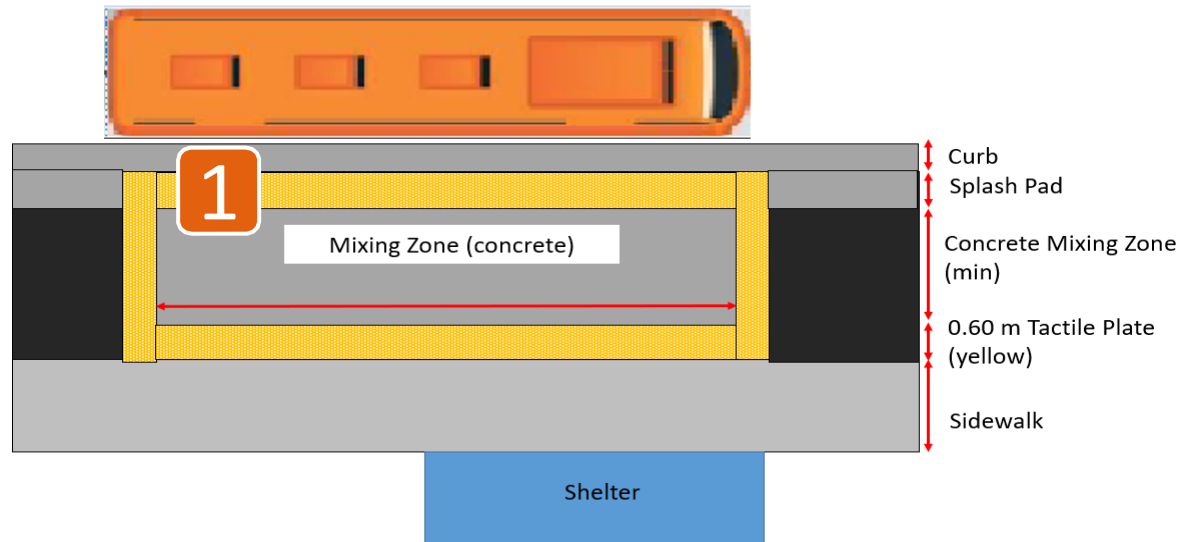
- Are tactile plates required for the MUT at this location?
- If yes, should the application be the directional tactiles or the warning tactiles?

Integrated Transit Stops with Multi-Use Trails (#3)



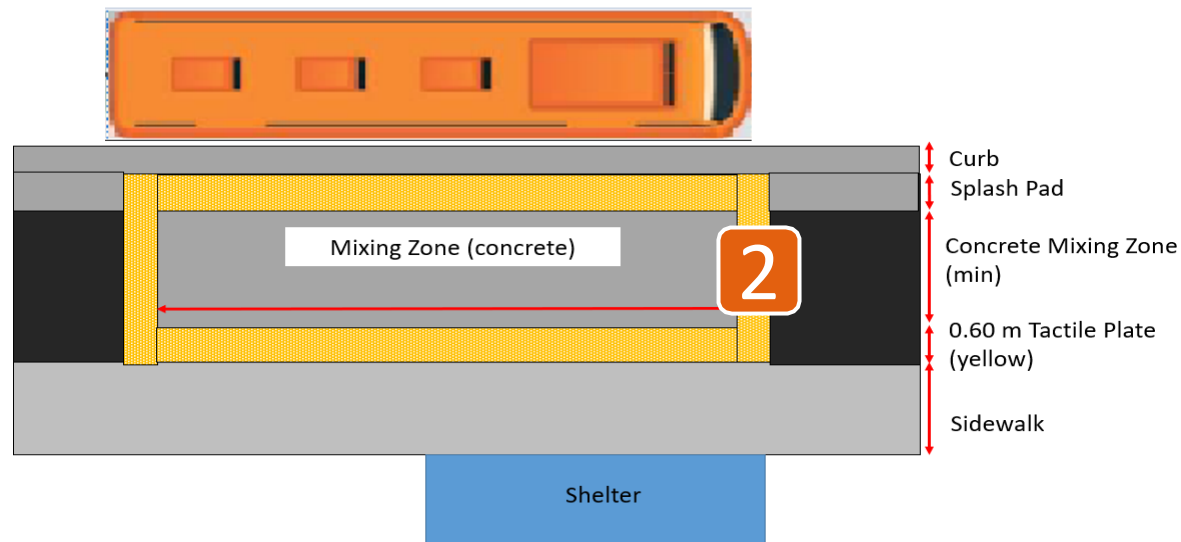
- Are tactile plates required at the shelter opening?
- If yes, should the application be directional tactiles or warning tactiles?

Integrated Transit Stops with Cycle Tracks (#1)



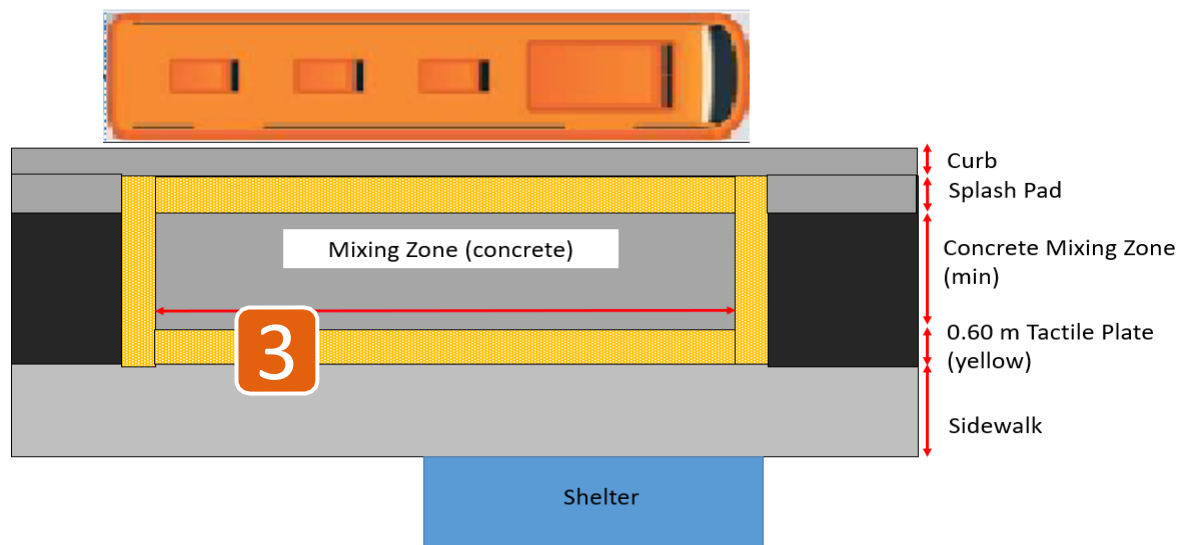
- Are tactile plates required when stepping off a bus onto a cycle track?

Integrated Transit Stops with Cycle Tracks (#2)



- Are tactile plates required for the cycle tracks?
- If yes, should the application be the directional tactiles or the warning tactiles?
- Tactile plates have been used to note “caution proceed” and “caution do not enter”. How does the user know which “message” is being portrayed?

Integrated Transit Stops with Cycle Tracks (#3)



- In agreement that this is required.

Questions?