



**Draft  
Design for  
Trail Curb  
Cut  
Standard**

Accessibility Advisory Committee (AAC)  
August 15, 2023

Presented by:

Daniel Waters, Trails Technologist, City of  
Guelph





# Agenda

1. Introduce the Trail Curb Cut Standard project
  2. Present the draft designs for the Trail Curb Cut Standard
  3. Gather AAC feedback on:
    - The draft design
    - Suggestions for locations
  4. AAC Motion
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# Project Overview

- Project Goal: To make our trail network more inclusive for cyclists and mobility device users.
- Curbs create barriers for people using bicycles or mobility devices from entering park and trail spaces from the road.
- There are a significant number of reported injuries, from our cycling community, related to mounting curbs.
- It is illegal for users to cycle on the sidewalk to enter a trail area.

# Example location for a Trail Curb Cut



Google

# Project Process

**Summer 2023** - Staff are creating an inventory of potential locations for a trail curb cut and developing a design standard for the trail curb cut.

- The finalized design standard will be added to the [City of Guelph Linear Infrastructure Standards](#) (LIS).

**Fall 2023** - Staff will develop a Decision Process to guide where trail curb cuts should be implemented, and which locations should be prioritized. The Decision Process will be guided by input from staff in Transportation Engineering to ensure that traffic safety concerns are fully considered. Staff will present the Decision Process to the AAC

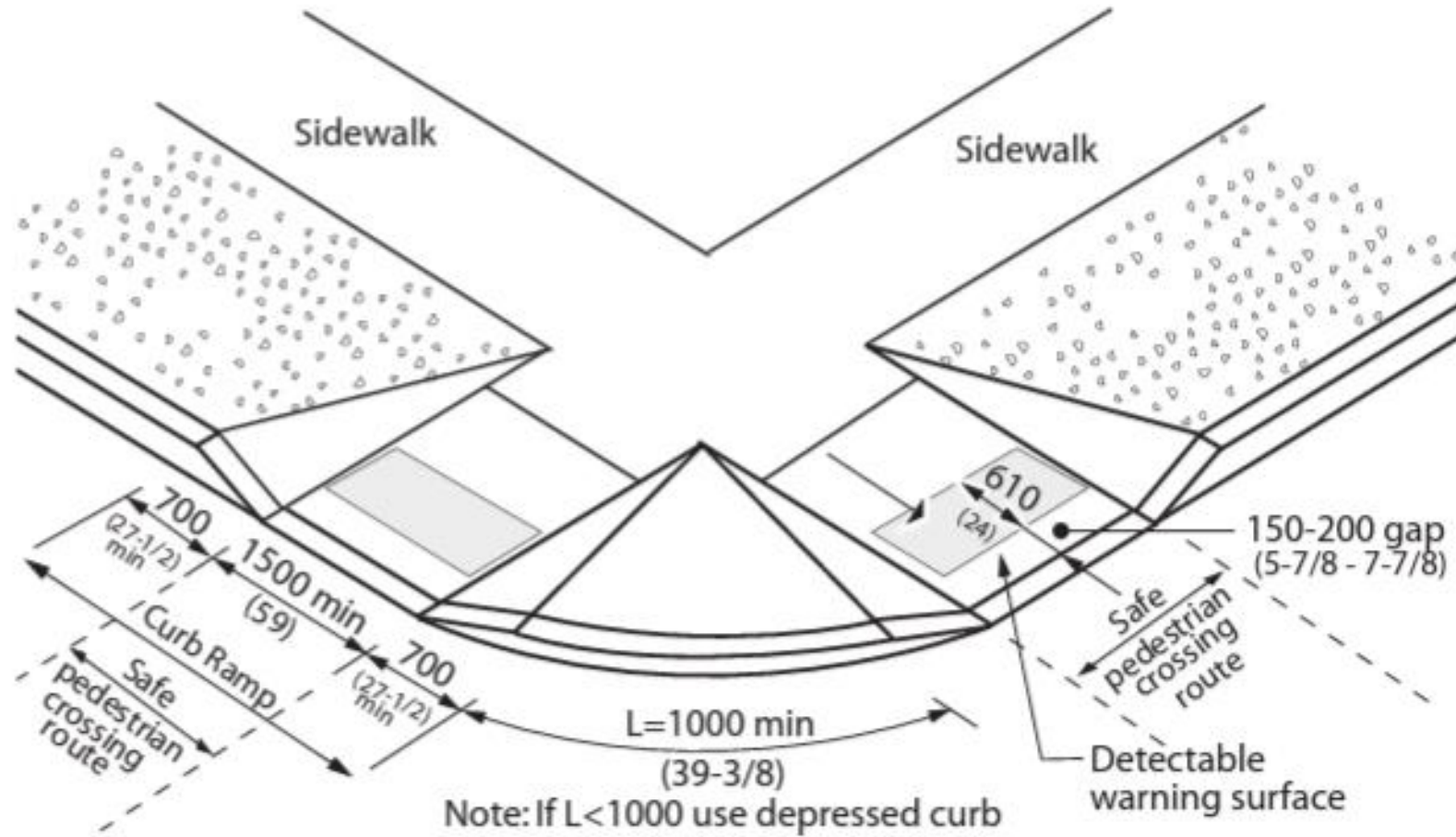
**2024** - Staff will pilot the trail curb cut standard at several.

**2025 and beyond** – Trail curb cuts will be implemented on an annual basis, subject to funding and staff capacity.

# FADM Design Standards for Curb Cuts

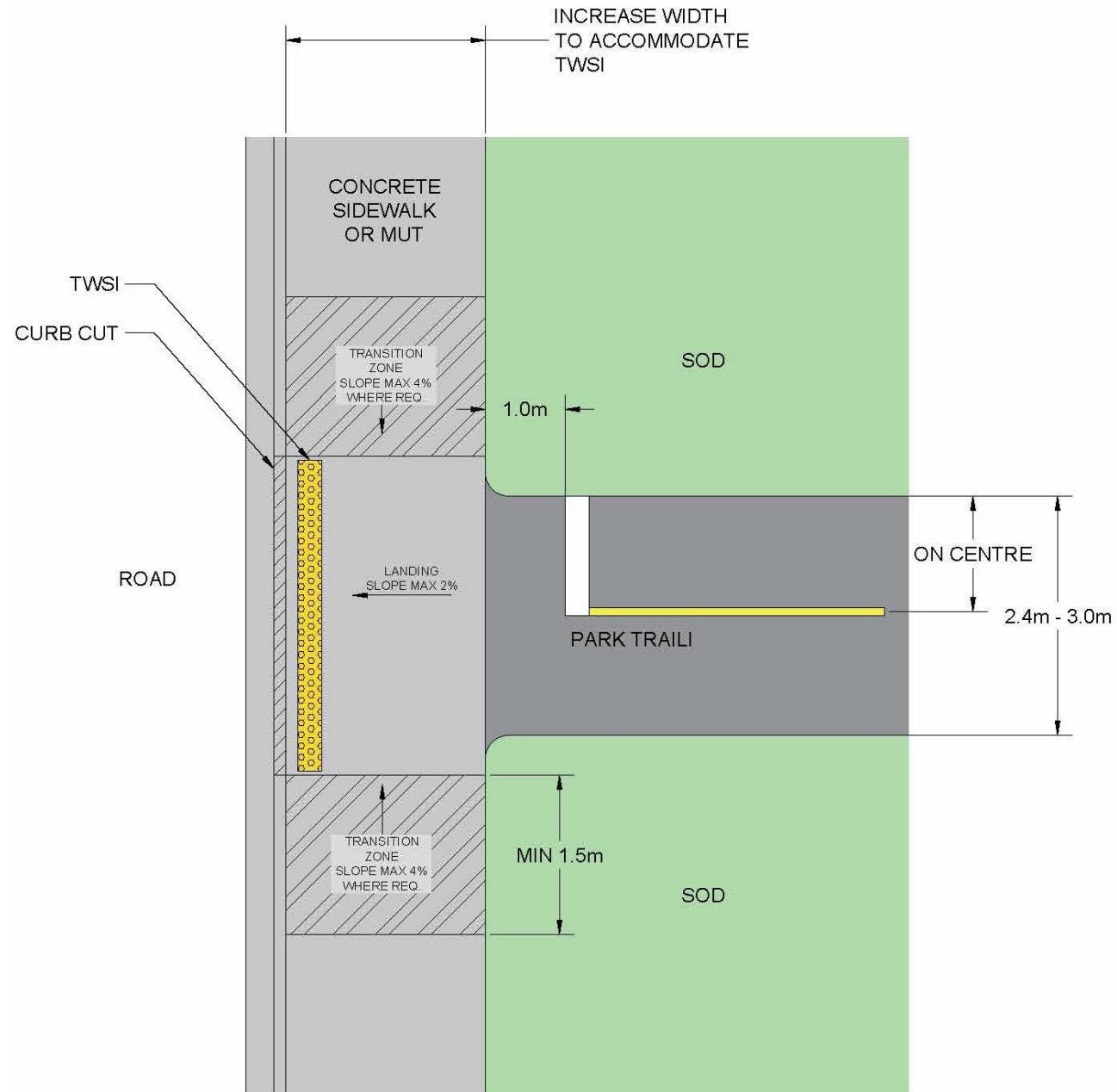
- The minimum width of curb ramps shall be 1500 mm (59 in.).
- The maximum allowable cross slope shall be no more than 1:50.
- The maximum slope on flared sides shall be no more than 1:10.
- Surfaces of curb ramps shall :
  - be slip-resistant;
  - have a smooth transition from the curb ramp to adjacent surfaces;
  - incorporate a truncated cone/dome detectable warning surface (TWSIs) located at the bottom of the curb ramp this shall be compliant with 4.4.8

# FADM Curb Ramp Standard

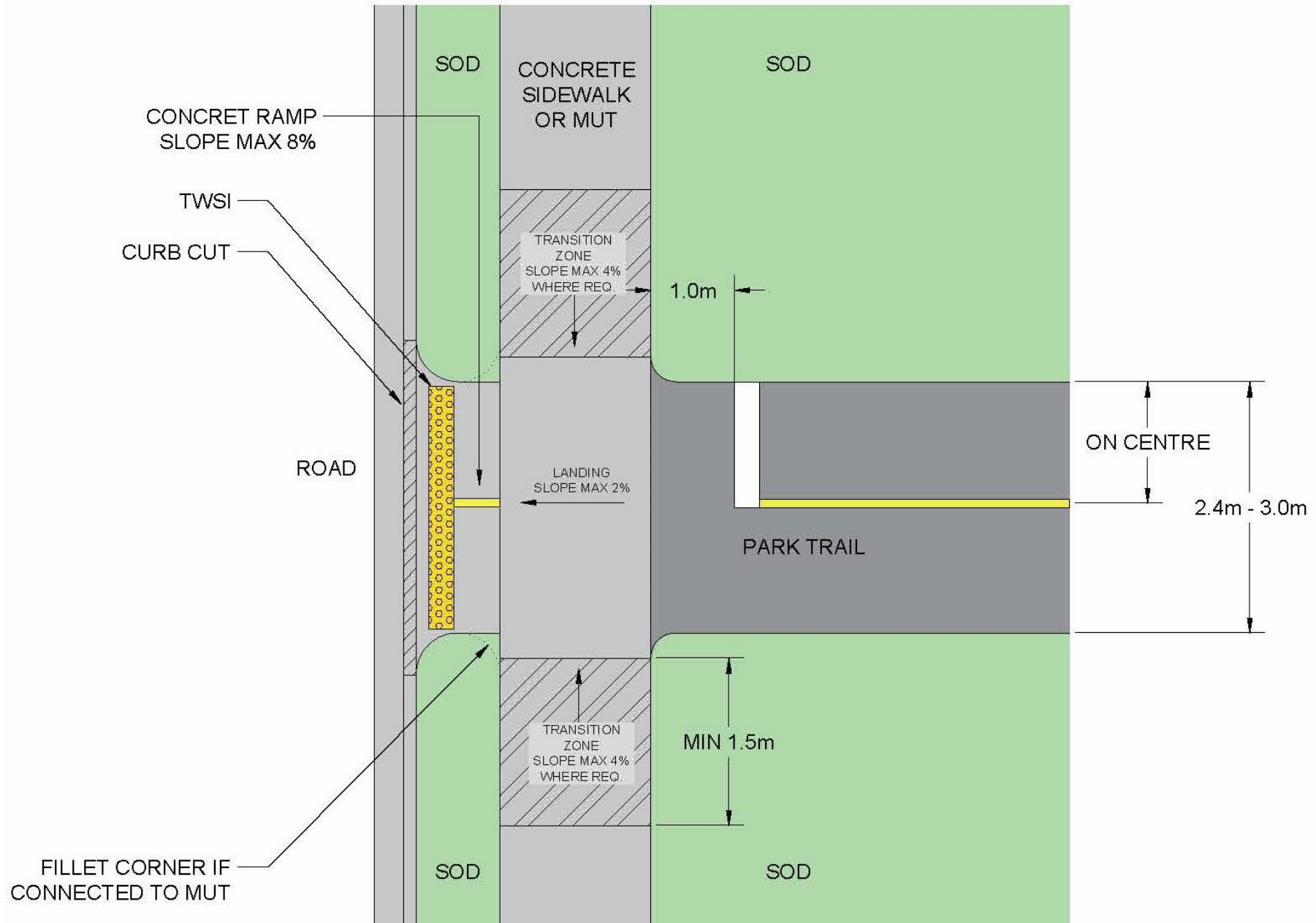


**Figure 4.1.10.3**  
Curb Ramp at Sidewalks with Wide Boulevards

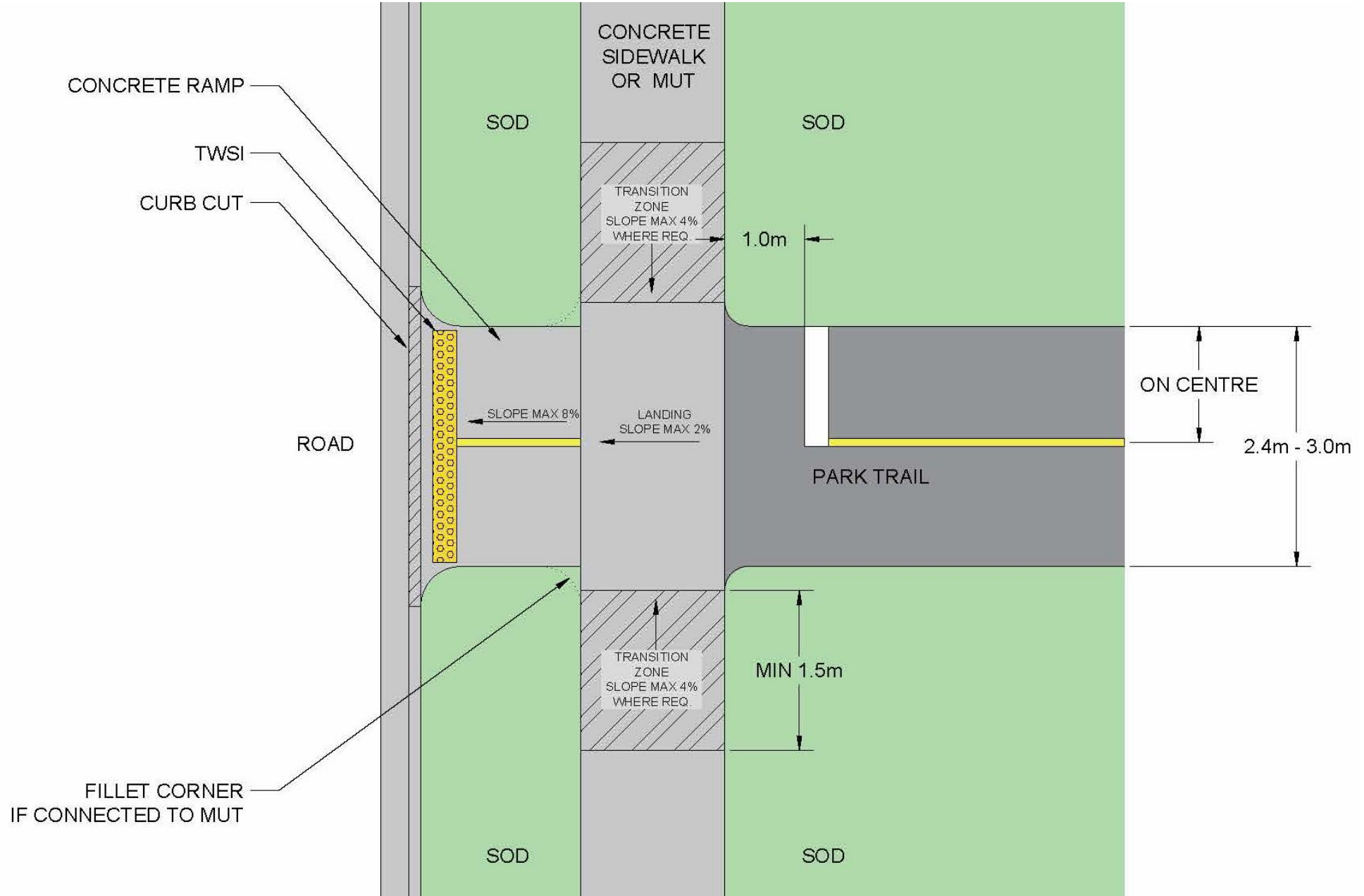
# Proposed Trail Curb Cut Standard – Sidewalk Adjacent Curb



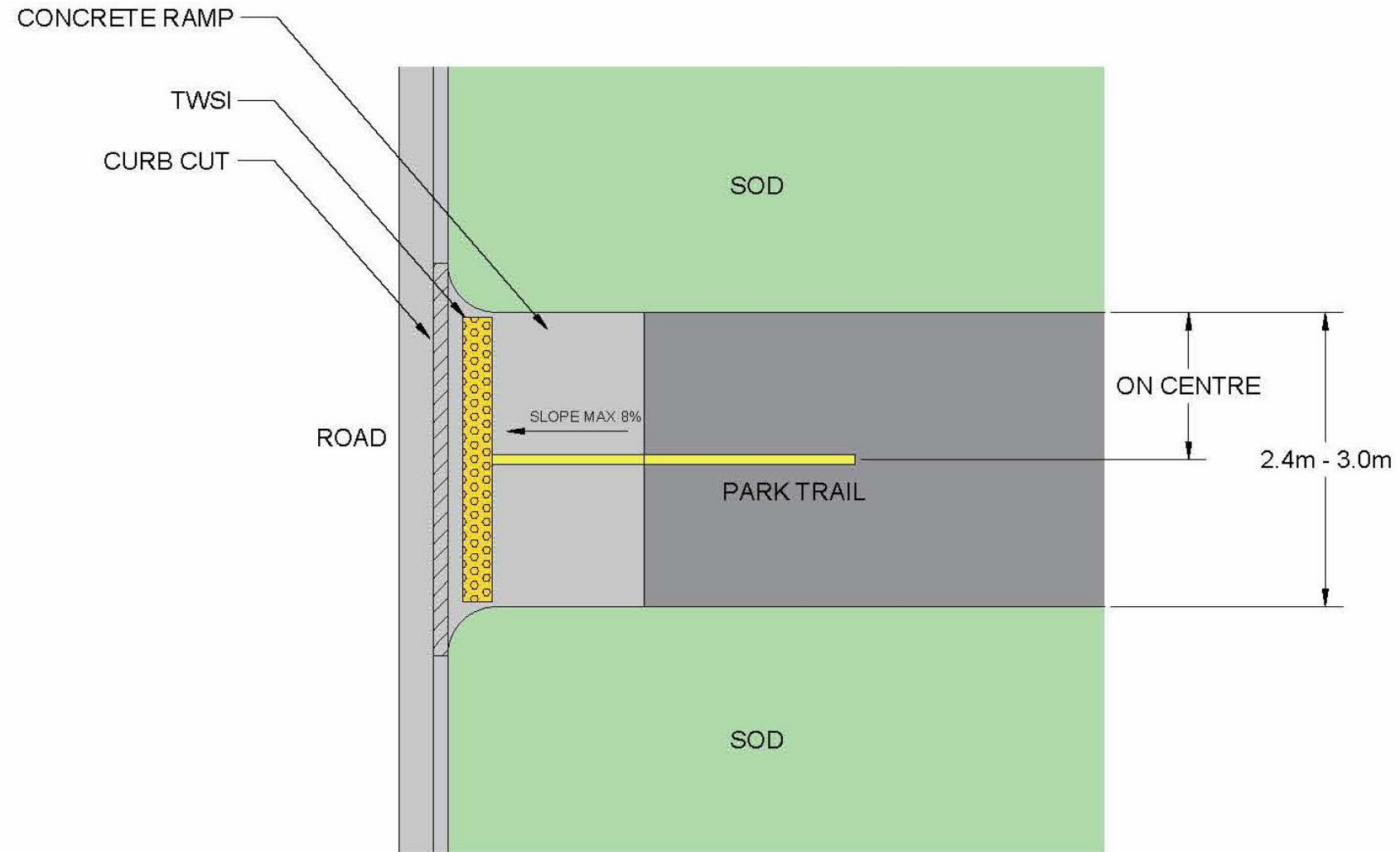
# Proposed Trail Curb Cut Standard – Sidewalk 1m from Curb



# Proposed Trail Curb Cut Standard – Sidewalk 2m from Curb



# Proposed Trail Curb Cut Standard – No Sidewalk



# AAC Feedback on the draft designs

The draft designs presented meet the City's FADM, including:

- The geometry
- The grading
- The use of tactile warning safety indicators (TWSIs)

New elements of the draft designs, outside of the City's FADM include:

- Pavement markings

## Questions for the AAC:

1. Do you recommend any additional features for consideration in the design?
2. Are there locations in Guelph that you recommend staff should consider for installation of a trail curb cut?

# **Recommended Motion:**

That the AAC supports the draft designs for the Trail Curb Cut Standard, and that city staff consider installation of curb cuts at the following locations: (insert list of locations).



Thank  
you!

Feel free to contact me with any additional questions or comments regarding the Trail Curb Cut Standard.

Daniel Waters

519-822-1260 extension 2010

[daniel.waters@guelph.ca](mailto:daniel.waters@guelph.ca)

We will come back to share the Decision Process with you later in 2023.

