

# Pedestrian Crossover Facilities



# What is a Pedestrian Crossover?

- As per the HTA:  
“any portion of a roadway...distinctly indicated for pedestrian crossing by signs on the highway and lines or other markings on the surface of the roadway”
- New Pedestrian Crossovers (PXOs) allow pedestrians to cross roads under a greater number of conditions
- Four types in total, Type A, B, C, and D

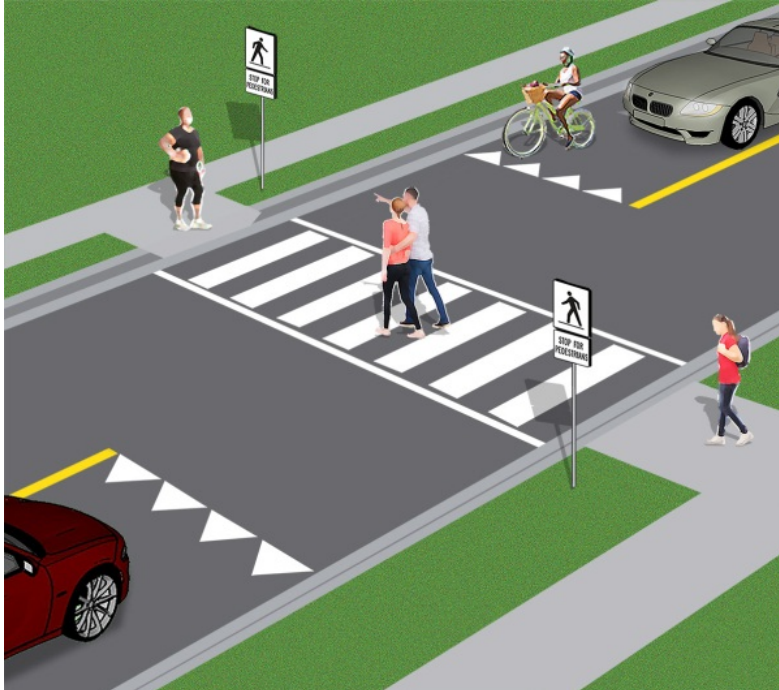
# Type A

- Most commonly used in the City of Toronto
- Concerns with drivers and pedestrians understanding use
- CGS has used traffic signals instead



# Type D

- Typically used on low traffic volume, low speed roads
- Can be used at crossing in channelized right turn lanes



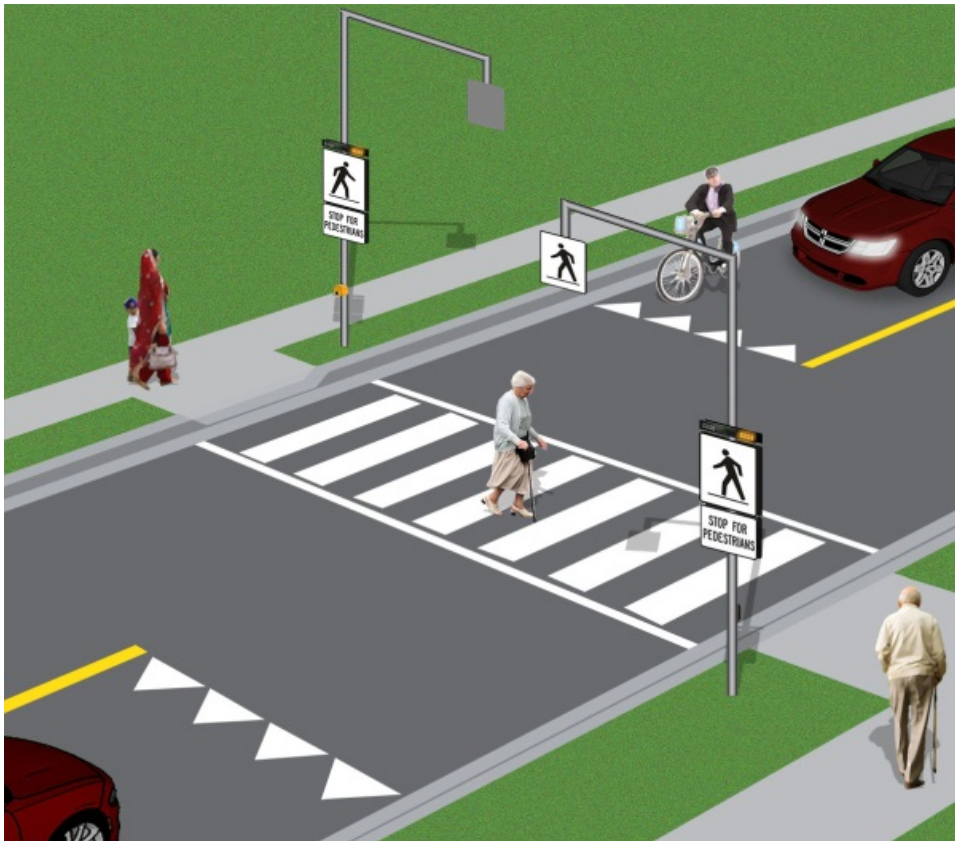
# Type C

- Same features as Type D PXOs but includes rapid rectangular flashing beacons



## Type B

- Same features as Type C but includes overhead signs





# Statutory Requirements

- PXOs can only be used on roads with a posted speed limit of 60 km/h or less
- Drivers required to stop while pedestrian is within a PXO and may not proceed until completely off the road
- Drivers are not permitted to pass another vehicle within 30 metres of a PXO
- Pedestrians must enter road only when it is safe and allow vehicles enough time to stop

# Where do you install PXOs?

- 100 or more pedestrians over 8 hours or 65 or more pedestrians over 4 hours
- Only on low speed roads (60 km/h or less)
- Low to moderate vehicle volume (AADT of 35,000 or less)
- Not within 200 metres of other controlled crossings
- No more than 4 lanes of two way traffic or 3 lanes of one way traffic



# Preliminary Review

- 36 locations reviewed
- 17 locations would qualify for PXOs
  - 2 Type B
  - 2 Type C
  - 13 Type D (3 mid-block, 10 channelized right turn lanes)

# Next Steps

- Costs for PXO can vary greatly
- Complete detailed design of recommended locations and prioritize based on expected construction costs and allocated budgets
- Develop a communication plan with Communication Services and Greater Sudbury Police Services to educate public on the safe use of PXOs



# Questions?

