BASIS OF CRITERIA

A typical GO Rail Station Site comprises the following key components:

- Site access;
- Rail platform(s) including mini-platform(s);
- Platform maintenance access;
- Platform access including at-grade rail crossings, pedestrian tunnels or bridges and associated stairs, ramps, elevators and service rooms;
- Bus loops and platforms where applicable;
- Station building(s);
- Platform shelters or integrated shelters;
- Passenger Drop-off and Pick-up area;
- Parking facilities;
- Landscaped components (berms, swales, retaining walls, planter beds, trees, lawns, rockeries, etc.);
- Fences; and
- Signage.

DESIGN REQUIREMENTS

UNOBSTRUCTED PATHWAYS/SIDEWALKS, WALKWAYS

Every accessible exterior and interior route: shall have unobstructed minimum widths and where adjacent to a vehicular route be provided with a physical separation.

The minimum width of a pedestrian walkway shall be 1.6 m wide.

The Principal Entrance to GO facilities: shall be mobility accessible and shall be located on a level that would provide access to elevators and or ramps.

They shall be accessible to people using wheelchairs or scooters. The following features shall form part of an accessible entrance:

- Power assisted door operators, with guards;
    - Power door operators when mounted onto a wall surface shall be 150 mm in diameter at all door entrances.
    - Power door operators when mounted on shelter guardrails shall be 50 mm in width and 100 mm in height.
- Accessible entrances shall be clearly marked with the International Symbol of Accessibility;
- Can be easily opened with one hand;
- Canopies or other sheltering devices where present, shall have adequate headroom; and
- Mats shall be level with the floor and door thresholds are bevelled so they do not create a tripping hazard.

ACCESSIBLE CURBS

- Accessible curbs (curb cuts) shall be provided where pedestrian paths intersect with vehicular roads, at barrier-free parking spaces, and wherever there is change in level along a barrier-free path of travel.
- Where an accessible curb is provided, the surface shall have tactile indicators on its surface that meet the following requirements:
    - have raised tactile profiles
    - have a high tonal contrast with the adjacent surface
    - are set back between 150 mm and 200 mm from the curb edge
    - extend the full width of the curb
    - have a minimum of 610 mm in depth
    - have a maximum running slope of 1:15

PEDESTRIAN AND BICYCLE PATHS

- Provide dedicated and continuous and direct routes for pedestrians throughout the station and connections to surrounding areas.
- Pedestrians should not be required to cross the parking lot in order to access the station building.
- Ensure pedestrian pathways are separated from vehicular traffic whenever possible.
- Walkways shall be minimum 1.6 m wide.
- When an entrance is provided from a recreational trail, a clear opening between 850 mm to 1000 mm is required, whether the entrance includes a gate, bollard, or other barrier.
- The exterior path must meet the following requirements:
    - It must have a 1:2 bevel at changes in level between 6 mm and 13 mm.
    - It must have a maximum running slope of 1:8, or be designed as a ramp, at changes in level greater than 13 mm and less than 75 mm.
    - It must have a maximum running slope of1:10, or be designed as a ramp, at changes in level greater than 75 mm or less than 200 mm.
    - It must be designed as a ramp, meeting all requirements and codes pertaining to ramps at changes in level greater than 200 mm.
- Sidewalk and walkways shall be raised and constructed of hard and sustainable level materials that are slip resistant. They shall be smooth with few joint connections (similar to standard sidewalk pads and asphalt) and visually distinct from surrounding areas.
- Provide curb cuts at all crossings to enable access for people using mobility devices.
- Provide dedicated or shared bicycle lanes along primary vehicular roads leading to and from the station. Depending on the station configuration, it may be preferable to introduce a separate bicycle entrance. The width of a dedicated bike lane shall be no less than 1.5 m.
- The bike route shall be distinguished with specially coloured paving, line painting, or graphic.
- Ensure bicycle access routes are free of obstacles such as curbs and signs. Provisions for bicycle ramps and gutters shall be considered where barriers are unavoidable.