



CI-0401

TAB 4: STATION INFRASTRUCTURE
Station Buildings

TICKET VENDING MACHINE (TVM) PLACEMENT GUIDELINES

TVM PLACEMENT PHILOSOPHY

- > Each Rail Line Station and GO Bus Terminal should provide, when possible a minimum of 2 Ticket Vending Machines (TVM) at the following mandatory locations:
 - o 1 TVM located within the vicinity of the station building. If no station building is provided, 1 TVM will be placed at main entrance to platform (as per site conditions) along the Barrier free path of travel in such a way that the path remains barrier free.
 - o 1 TVM to be located at an additional platform access point.
- > Additional TVM's locations to be considered at the following pedestrian access points for the following areas within Rail Line and Bus Station sites:
 - o Main Bus Loop/Platform;
 - o Parking Structure;
 - o Pedestrian bridge, mid span, as site conditions allow;
 - o Satellite surface parking lot.
 - o Any additional areas as determined by GO Design Standards staff.
- > Park and Ride Facilities may be provided 1 TVM located on passenger platform adjacent to the shelter where power and communication infrastructure is available.

TVM CONFIGURATION CRITERIA

- > When site configuration allows, it is encouraged to locate TVM's that satisfy both mandatory and preferred locations. The intention is to maximize TVM accessibility and convenience to customers with the use of a single TVM. The TVM must be visible from main entrance and located where there is a high volume of passengers. Ensure that placement does not block major egress locations
- > Location of TVM to be coordinated with the location of CDQ tower, S4 Digital Information Sign and the SFTP tower where possible. When a cluster of all 4 devices is possible, the TVM and CQD should be placed adjacent to each other. A minimum 500 mm horizontal clearance is required between the CQD and the TVM.
- > TVM to be weather sheltered where possible. Preference is for a shelter over the TVM. TVM's are to utilize sunshade top (both large and smaller sized sunshades) as site conditions warrant where a full shelter is not possible (Refer to Section CI-0401 Figure: Ticket Vending Machine- Detailed Graphic Layout-With Sunshade).
- > A minimum queuing space in front of TVM shall be 3 customers. Queuing space shall be increased based on historical peak station demand information provided by GO staff. Placement and orientation of TVM's and queuing areas should not adversely impact the main flow of customers
- > TVM concrete base installation details as per GO Standard Drawings TVM-001, TVM-002 and TVM-003.
- > TVM Electrical and Communication details as per Tab 7 CI-0703 Electrical and CI-0704 Communications.



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FIGURE: TVM DETAILED GRAPHIC LAYOUT-WITH SUNSHADE

SECTION:
Tab 4-Station
Infrastructure

FIGURE:
Ticket
Vending
Machine-
Detailed
Graphic
Layout-With
Sunshade

