



CI-0407

TAB 4: STATION INFRASTRUCTURE
Rail Platforms and Corridors

DESIGN REQUIREMENTS

| Feature | Description |
|---------------------|--|
| | UV stable pigmented asphalt surfacing system with glass beads. |
| Rail Platform Curbs | <ul style="list-style-type: none"> > Rail platform curbs at track-side, including mini-platform curbs shall be sealed pre-cast concrete, or sealed cast-in-place concrete. See Figure for Precast Rail Platform. |

MINIMUM PLATFORM WIDTHS

| DESIGN REQUIREMENTS | | |
|--|--|---|
| Conditions | Minimum Acceptable Dimension | Criteria |
| All new rail platform construction. | 2.4m (8'-0") (inclusive of the 0.6m distance from the platform safety line to the edge of the rail platform curb) | Preferred clearance width for passenger circulation, waiting and maintenance equipment zone from edge of platform to platform structures |
| Where 2.4m (8'-0") clearance is not achievable due to site constraints and existing conditions. | 2.1m (6'-10 ¾") (inclusive of the 0.6m distance from the platform safety line to the edge of the rail platform curb) | Minimum allowable clearance width for passenger circulation, waiting and maintenance equipment zone from edge of platform to platform structures |
| Permitted for passenger circulation only areas where 2.1m (6'-10 ¾") is not achievable due to site constraints. | 1.7m (5'-7") (inclusive of the 0.6m distance from the platform safety line to the edge of the rail platform curb) Note: The 1.7m (5'-7") minimum passenger circulation zone from edge of platform to platform structures was determined | Minimum passenger circulation zone , edge of platform to platform structures clearance |



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| | <p>by OBC requirements for minimum unobstructed width for the passage of wheelchairs by the following calculation:</p> <p>Minimum unobstructed width for the passage of wheelchairs as prescribed in the OBC + distance from the platform safety line to the edge of the rail platform curb = 1.1m +0.6m = 1.7m to the edge of the rail platform curb.</p> | |
| <p>When the minimum passenger circulation zone, edge of platform to platform structures clearance of 1.7m (5'-7") cannot be met due to existing site conditions including tapered platforms..</p> <p>Augment with yellow painted hatch markings on the platform (see attached sketch) augmented by warning signage indicate the reduced clearance.(See related signage and figure below)</p> <p>Location and orientation of signage as per site conditions. Final layout and specifications to be approved by GO Transit Signage Services and GO Transit Design Standards.</p> | <p>< than 1.7m (5'-7") (inclusive of the 0.6m distance from the platform safety line to the edge of the rail platform curb)</p> | <p>Reduced clearance width for passenger circulation and maintenance equipment zone from edge of platform to platform structures</p> |