CURB RAMP DETAILS

1. Ramp width is the same as the portion of the island, excluding flares. Match up to ramp with existing sidewalk width of minimum of 5' for island ramps. Match ramps with existing island curb path width. Minimum ramp length is 15'.
2. Operable curb ramp space is 9' x 9' or larger with a minimum gap of 8 x 4'. The maximum slope for turning spaces is 2% (if any setback).
3. Match detectable warning panel width to ramp width. Radial panels are spaced: 3.5% on grade and two radial panels within the lower warning space.
4. Provide a continuous 4' minimum width to detection access across more than 2% concrete area (excluding flares).
5. Modify existing ground slopes with landscaping, as needed. If not possible, install a horizontal curb tangent as shown in the detail below. The Engineer will measure cuts at the unit price bid for "Curb - Type I" and final cut.
6. Where 1%) the grade of the island curb ramp is less than 2%, provide a minimum distance of 2' between warning panels. If the grade of the island curb ramp is greater than 3%, provide a turning space between the ramps.

NOTES:

1. Shared Use Path
2. Type I
3. Type II
4. Type III
5. Type IV
6. Shared Use Path

Concrete Apron for Shared Use Paths with Curb and Gutter

Concrete Apron for Shared Use Paths without Curb and Gutter

L: Detectable Warning Panel

LEGEND:

- sidewalk
- curb
- curb height
- shared use path
- concrete apron
- landscaping
- flares
-警告面板
- transitional tie-in segment if needed
- landscaping
- curb height

North Dakota Department of Transportation

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