

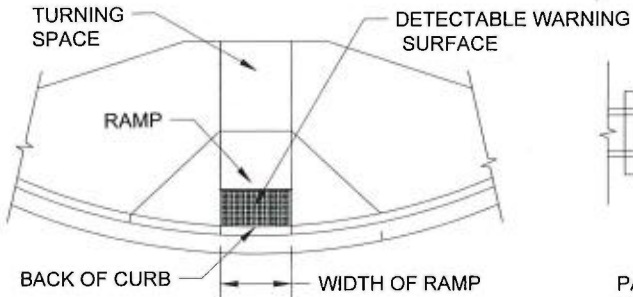
**DETECTABLE WARNING PLACEMENT CRITERIA FOR SINGLE DIRECTIONAL CURB RAMP**

USE LOCATION (A) IF DISTANCE FROM BACK OF CURB TO GRADE BREAK IS LESS THAN OR EQUAL TO 5 FT.

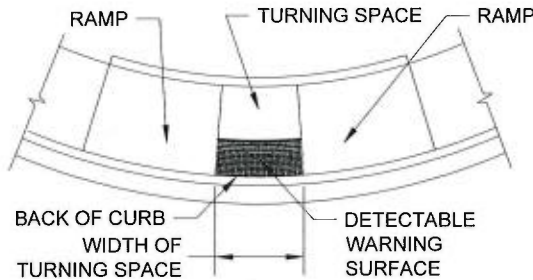
USE LOCATION (B) IF DISTANCE FROM BACK OF CURB TO GRADE BREAK IS GREATER THAN 5 FT.

POSSIBLE DETECTABLE WARNING SURFACE LOCATIONS PER PLACEMENT CRITERIA

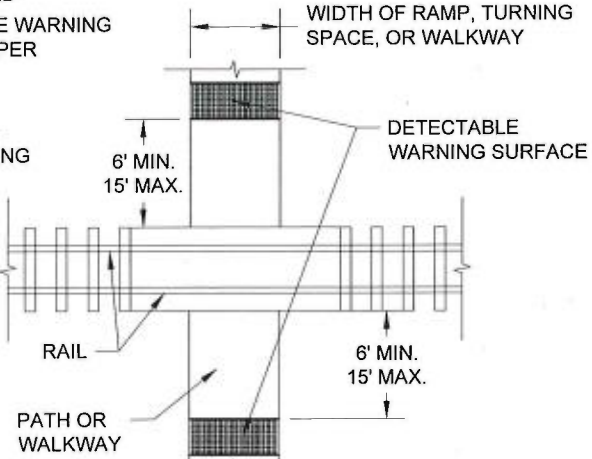
**SINGLE DIRECTION CURB RAMP**



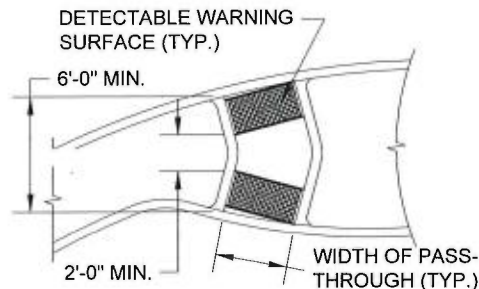
**PERPENDICULAR CURB RAMP (SEE SU-05A AND SU-05B)**



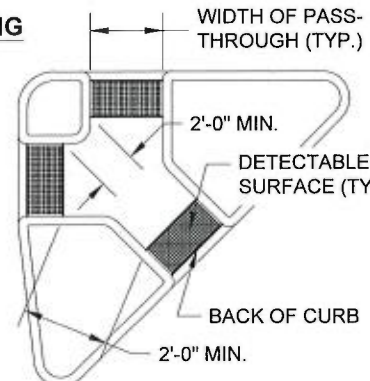
**PARALLEL CURB RAMP (SEE SU-05C, SU-05D, AND SU-05E)**



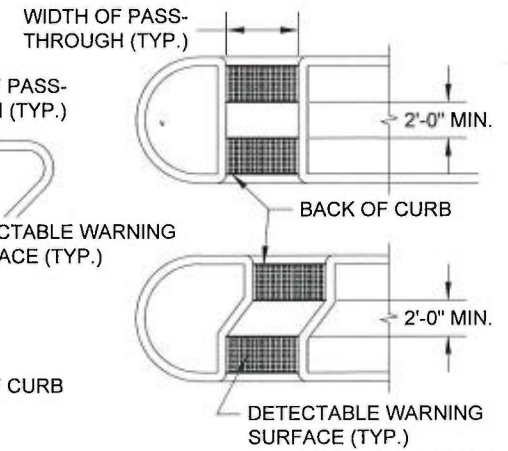
**PEDESTRIAN RAILROAD CROSSING**



**ROUNDABOUT SPLITTER ISLAND**



**ISLAND PASS-THROUGH**



**MEDIAN PASS-THROUGH**

**NOTES:**

1. The Detectable Warning Surface shall extend the full width of the curb ramp (exclusive of flares) or the turning space.
2. The edge of the Detectable Warning Surface shall be placed along the back of the curb line unless otherwise noted.
3. The Detectable Warning Surface shall be within 2" (max.) of the edge of the ramp.
4. The rows of truncated domes in the Detectable Warning Surface shall be parallel with the direction of travel.
5. See Standard Plans for sidewalk and curb ramp details.
6. If a curb is not present, place the Detectable Warning Surface at the edge of the pavement.
7. The Detectable Warning Pattern shall be installed using Vanguard ADA Systems, or Armor-Tile "Cast in Place Systems" as manufactured by Engineering Plastics Inc., or approved equal. Concrete shall be blocked out as required for the installation of the Detectable Warning Pattern material. See Standard Plan SU-05G for additional information.
8. The Detectable Warning Pattern area shall be yellow and shall match the color of Federal Standard 595a, Color Number 33538 unless otherwise noted.

DCS

REVIEWED BY **GMS**

PUBLIC WORKS

ENVIRONMENTAL SERVICES

NA

NA

TACOMA POWER

TACOMA WATER



APPROVED FOR PUBLICATION

*[Signature]* 8/16/16

CITY ENGINEER

DATE

CITY OF TACOMA

DETECTABLE WARNING SURFACE PLACEMENT GUIDELINES

STANDARD PLAN NO.

SU-05H