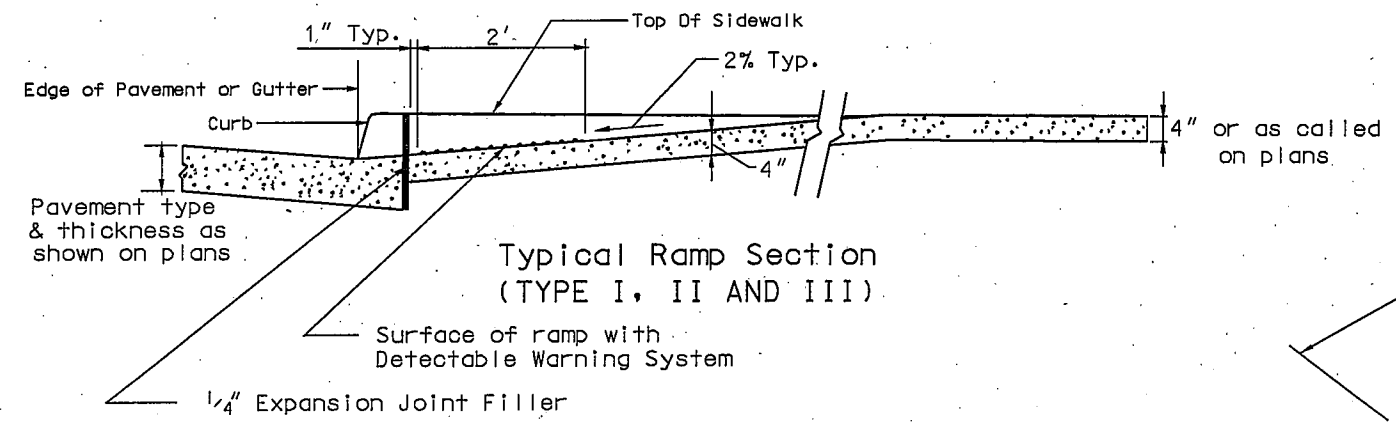
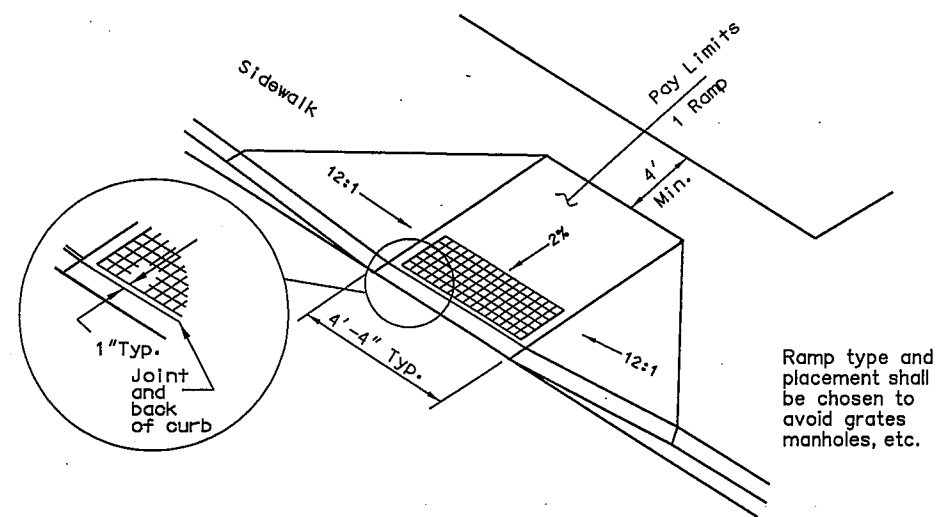


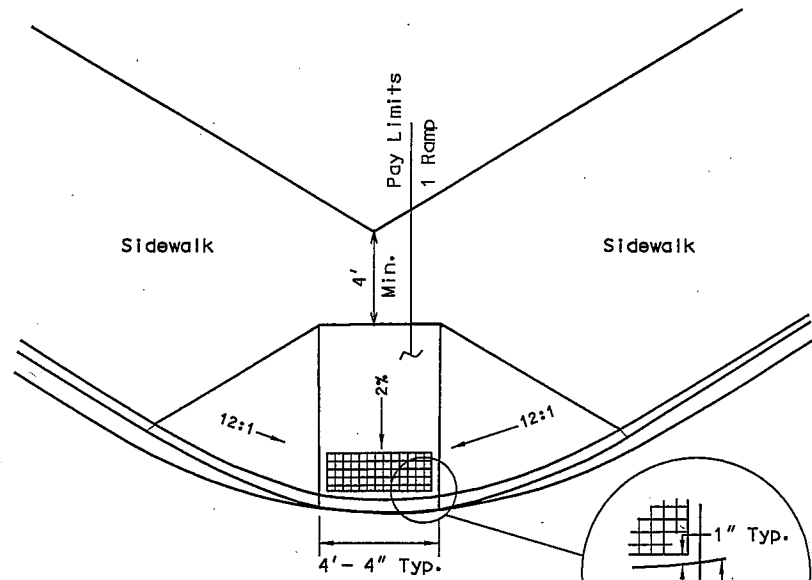
TYPICAL RAMP LAYOUT AT INTERSECTIONS



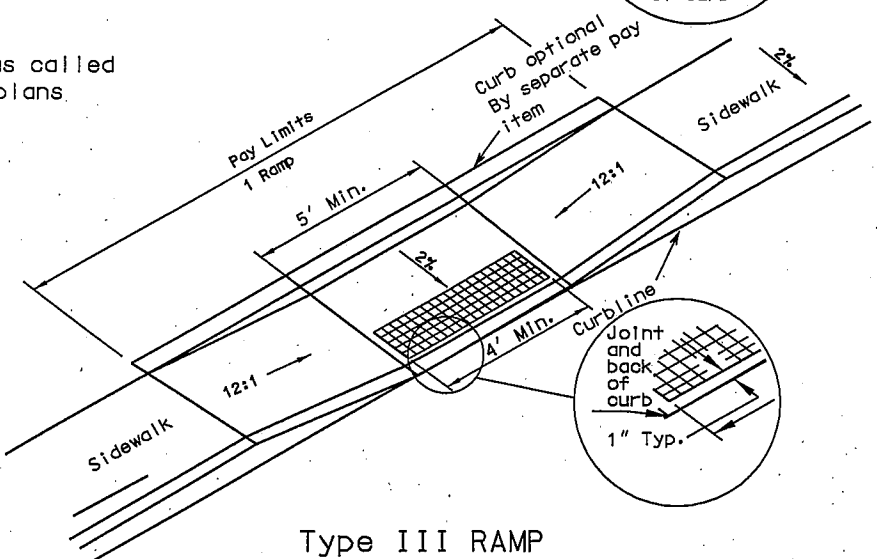
Typical Ramp Section (TYPE I, II AND III)



Type I RAMP



Type II RAMP



Type III RAMP

NOTES

Ramp and flare slopes shall not be steeper than 12:1 unless otherwise shown or specified.
 Ramp concrete shall meet the requirements of Section 609 of the Specifications. Ramp surface shall include a "Detectable Warning Surface" (See PVT7 Sht. 2 OF 2) As Shown For Each Ramp Type. A coarse broom finish, transverse to flare slopes, or equal non-skid finish shall be provided on concrete surfaces.
 Normal gutter flow line and profile shall be maintained through the ramp area, unless otherwise shown or specified.
 1/4" preformed expansion joint filler, meeting the requirements of Section 609 of the Specifications, shall be placed at all locations where curb contacts the ramp, the gutter line between the sidewalk ramp and concrete pavement for Type VI Ramps, and in addition, when the ramp is poured separately from the sidewalk, the expansion material shall be placed at all locations where the normal sidewalk and the ramp abut. Drainage structures shall not be placed in line with ramps.

Location of the ramp shall take precedence over location of the drainage structure, except where existing structures are being utilized in the new construction.

Payment for the construction of sidewalk ramps shall be per each.

The type of ramp to be used shall be as specified on the plans. The following can be considered guidelines in selecting ramp types, but are included here for information only.

If the 12:1 slope cannot be obtained due to grade of the adjacent roadway the sloped portion of the ramp shall be extended to a maximum length of 8'-0".

Each wheelchair access point constitutes a separate ramp system for payment.

NORMAL RAMPS
(For general use)

TYPE I Ramp is for general use at intersections or anywhere in the block where the sidewalk extends to the curb side.

TYPE II Ramp is for general use at intersections, especially where pedestrians are allowed to cross diagonally. Type II ramps are not preferred where alternatives exist.

SPECIALTY RAMPS

(For occasional use where space is limited or obstructions unavoidably encountered)

TYPE III Ramp is for use where a narrow width sidewalk exists or is necessary, and widening of the sidewalk is not feasible.

TYPE IV SHT. PVT7 2 OF 2 Ramp is for use where wheelchair access can occur from only one side of the ramp.

TYPE V SHT. PVT7 2 OF 2 Ramp is for use where features of Ramp Types III and IV must be combined.

TYPE VI SHT. PVT7 2 OF 2 Ramp is for use in areas where the sidewalk is set back from the street, and wheelchair access from either side of the ramp is not likely to occur because the side approach area is unpaved; i.e. covered by grass, gravel, etc. Also ramp is for use where area for providing ramp is very limited due to obstructions on both sides of the ramp.

WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 STANDARD DETAIL

REVISED STANDARD DETAIL

Prepared 7-1-99
REVISION DATE
07/21/10

SIDEWALK RAMPS
(SHEET 1 OF 2)

FOR DETECTABLE WARNING SURFACE
 NOTES SEE PVT7 SHT. 2 OF 2

NOT TO SCALE