When curved to the left:

- Vertical offset range for ramp right edge when mainline is curved to the left.

When on tangent or curved to the right:

- Vertical offset range for ramp right edge when mainline is curved to the right.

- When mainline on tangent or curved to the right, Max. cross slope allowed is 5%.

Max. cross slope allowed is 4%.

Min. cross slope allowed is 1.5%.

Min. cross slope allowed is 1.5%.

Max. cross slope allowed is 5%.

Refer to Sheet 3 for vertical offsets using e = 8%.

Range of initial ramp grades when mainline is curved to the right and e = 8% for R.

Referring to Sheet 3 for GENERAL NOTES.
DETAILS FOR DRAINAGE IN NEUTRAL AREA

The initial ramp grade (G) is based on the line generated through the PI that is 105' (32 m) past Section C-C and the point created by the vertical offset at Section D-D.

See plans for actual grades.

All pavement joints shall be detailed as shown on Standards 420001 and 483001.

See Standard 483001 for ramp shoulder details.

In the neutral area, provide a swale and flush inlet to enhance drainage.

When using grades expressed in %, the grade values shall be divided by 100 to obtain vertical offsets.

Where an exit ramp terminal is proposed adjacent to a mainline horizontal curve, construct the edge of the terminal by using offset widths, and for the terminal segment downstream from Section C-C to R, construct the ramp as a 141' (43 m) tangent section.

All dimensions are in inches (millimeters) unless otherwise shown.

GENERAL NOTES

S.E. = Superelevation Rate

Vertical offset values are calculated and based on the right edge of mainline pavement at 0.0 % grade.

The vertical offsets of these points are above the mainline pavement and lie on an upgrade in relationship to the mainline grade.

S.E. = Superelevation Rate

EXIT RAMP TERMINAL

(Sheet 3 of 3)