



$N_1$  &  $W_1$  = Mainline/Auxiliary Lane Width  
 $W_2$  = Ramp Pavement Width  
 $N_2$  = Same as Ramp Left Paved Shoulder  
 $Z_1$  &  $Z_2$  = See Table C-8-2

\* Same as Mainline Paved Shoulder Width  
 Nose Offset  
 ① ≤ 45 mph = 4' Min.  
 > 45 mph = 8'

$N_1 + ① + N_2 = 20'$  minimum  
 See AASHTO Green Book, Page 10-97

If ramp pavement structure design varies, use mainline design on side (A) and ramp design on the side (B).

**FIGURE C-8-2 RAMP GORE FOR EXIT RAMP – TAPER TYPE\***

\* Added 1/17