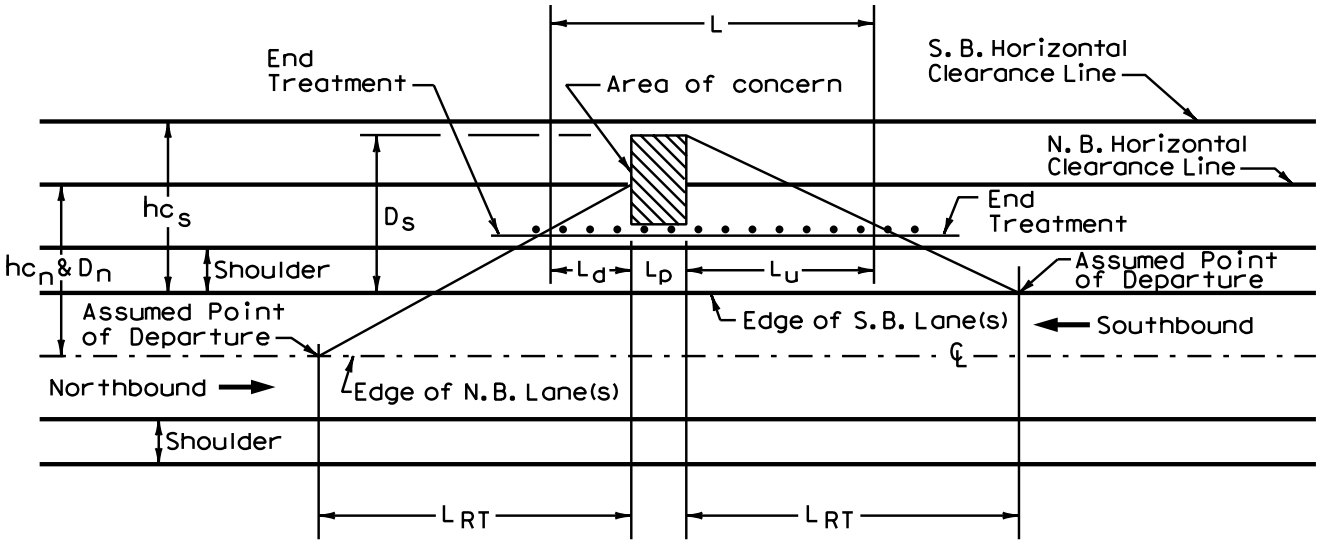

CURRENT ADT	hc	L_{RT}
750 or Less	16′ [4.9 m]	200′ [61 m]
More than 750	30′ [9.0 m]	250′ [76 m]

hc = Horizontal Clearance Width

hc_s = Horizontal Clearance for Southbound Traffic

hc_n = Horizontal Clearance for Northbound Traffic

L_{RT} = Length of Roadside Travel

D_s & D_n = Distance from edge of travel lane to far side of area of concern or to outside edge of horizontal clearance, whichever is least.

L_u = Guardrail Length Upstream of Area of Concern

L_p = Guardrail Length Parallel to Area of Concern

L_d = Guardrail Length Downstream of Area of Concern

L = Length of Guardrail Need = $L_u + L_p + L_d$

S. B. = Southbound Lanes

N. B. = Northbound Lanes

VARIABLES INVOLVED IN BARRIER LAYOUT