GRET Type	ADT		Clearances (ft)		Severity Index(2)		Installation Costs (3) ($)	Repair Costs ($) (4)		Guardrail Present Worth ($)	Equivalent Embarkment SI
	20-yr	Current	Lat	Long.(1)	Side	Face		Side	Face		
I	700	471	10	1300	2.8	2.5	13,900	500	1200	13,500	5.664
I	1000	673	10	1350	2.8	2.5	14,400	500	1200	14,200	5.238
I	1500	1009	10	1350	2.8	2.5	14,400	500	1200	14,800	4.765
I	2000	1346	12	1350	2.8	2.5	14,400	500	1200	15,000	4.637
I	3000	2019	12	1380	2.8	2.5	14,700	500	1200	16,300	4.242
I	6000	4038	12	1380	2.8	2.5	14,700	500	1200	19,400	3.610
I	9000	6057	12	1450	2.8	2.5	15,400	500	1200	23,400	3.360
I	12000	8076	12	1450	2.8	2.5	15,400	500	1200	26,600	3.205
I	18000	12113	12	1450	2.8	2.5	15,400	500	1200	32,900	3.050

Notes:

(1) Guardrail = 1000 ft + $2L_R$, where L_R is from Figure 49-5F.
Embankment = 1000 ft.

(2) Severity Index interpolated for design speed from Figures 49-10H and 49-10 I.

(3) Cost shown is based on $10/ft for guardrail + $900 for 2 GRET type I.
If 2 GRET type OS or MS used instead, cost increases by $6100.

(4) Repair Costs for side based on use of GRET type I. If GRET type OS or MS used instead, such cost becomes $4000.

BACKUP DATA FOR FIGURE 49-4B
(40 mph)

Figure 49-11A