GRET Type	AADT		Clearances (ft)		Severity Index (2)		Installation Costs (3) ($)	Repair Costs ($) (4)		Guardrail Present Worth ($)	Equivalent Embankment SI
	20-yr	Current	Lat	Long.(1)	Side	Face		Side	Face		
I	700	471	10	1540	3.8	3.4	16,300	500	1200	18,600	5.284
I	1000	673	10	1580	3.8	3.4	16,700	500	1200	20,600	5.011
OS or MS	1500	1009	10	1580	3.8	3.4	22,800	4000	1200	23,400	4.575
OS or MS	2000	1346	12	1580	3.8	3.4	22,800	4000	1200	25,000	4.432
OS or MS	3000	2019	12	1640	3.8	3.4	23,400	4000	1200	31,200	4.222
OS or MS	6000	4038	12	1640	3.1	3.4	23,400	4000	1200	52,800	4.063
OS or MS	9000	6057	12	1710	3.1	3.4	24,100	4000	1200	70,800	3.937
OS or MS	12000	8076	12	1710	3.1	3.4	24,100	4000	1200	86,900	3.809
OS or MS	18000	12113	12	1710	3.1	3.4	24,100	4000	1200	119,200	3.681

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, or based on $10/ft for guardrail + $7000 for 2 GRET type OS or MS.

(4) Repair Cost of $500 for side based on use of GRET type I.
Repair Cost of $4000 for side based on use of GRET type OS or MS.

BACKUP DATA FOR FIGURE 49-4E(55)

Figure 49-11D