End Treatment	AADT		Clearances (m)		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	3.0	470	3.8	3.4	14,779	500	1200	18,597	5,284
I	1000	673	3.0	480	3.8	3.4	15,074	500	1200	20,646	5,011
MS or OS	1500	1009	3.0	480	3.8	3.4	15,074	500	1200	23,427	4,575
MS or OS	2000	1346	3.6	480	3.8	3.4	15,074	500	1200	25,019	4,432
MS or OS	3000	2019	3.6	500	3.8	3.4	15,665	500	1200	31,196	4,222
MS or OS	6000	4038	3.6	500	3.1	3.4	21,765	500	1200	52,794	4,063
MS or OS	9000	6057	3.6	520	3.1	3.4	22,356	500	1200	70,768	3,937
MS or OS	12000	8076	3.6	520	3.1	3.4	22,356	500	1200	86,906	3,809
MS or OS	18000	12113	3.6	520	3.1	3.4	22,356	500	1200	119,173	3,681

(1) Guardrail = 300 m + (2 x L_R), where L_R is from Figure 49-5F
Embankment = 300 m

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

(3) $29.53/m for guardrail + (2 x $450 for type I) or (2 x $3500 for MS or OS)

(4) Repair Costs for:

face (guardrail) = $1,200
side (type I) = $500 or (MS or OS) = $4000

BACKUP DATA FOR FIGURE 49-4E
(90m/h)

Figure 49-11D