

FOR GUARDRAIL DETAILS SEE SHEETS (54-58)

GUARDRAIL AND RELATED QUANTITIES

SHEET NO.	REFERENCE NO.	EXISTING LOCATIONS		PROPOSED LOCATIONS		DIRECTION	SIDE	LENGTH OF NEED (FOR FIXED OBJECTS)	202		606						622	517	203	448	626										
		FROM	TO	FROM	TO				L.F.	L.F.	L.F.	L.F.	ANCHOR ASSEMBLY, TYPE A	ANCHOR ASSEMBLY, TYPE E-98	ANCHOR ASSEMBLY, TYPE T	BRIDGE TERMINAL ASSEMBLY, TYPE 1	BRIDGE TERMINAL ASSEMBLY, TYPE 2	BRIDGE TERMINAL ASSEMBLY, TYPE 3	GUARDRAIL, MISC. ; CABLE MEDIAN BARRIER ANCHORAGE UNIT	L.F.	L.F.	STA.	C.Y.	L.F.	L.F.						
30	GR-1	226+15.00	227+65.00	225+90.00	227+65.00	EB	RT	132	150.0	87.5	25			/	/												1.8	7.2	3		
30	GR-2	233+75.00	235+25.00	233+75.00	235+50.00	WB	LT	136	150.0	87.5	25			/	/												1.8	7.2	3		
31	GR-3	239+57.00	241+07.00	239+30.00	241+05.00	EB	RT	128	150.0	87.5	25			/	/												1.8	7.2	3		
31	GR-4			248+70.50	252+08.00	WB	LT	276		275.0				/	/												3.4	13.2	4		
31	GR-5	* 252+75.00	1+50.00	* 252+16.00	1+28.50	EB/RAMP K	RT	161	150.0	125.0				/	/												1.9	7.6	3		
31	GR-6	262+15.00	264+65.00	261+80.00	264+53.50	EB	RT	136	250.0	87.5				/								136				2.8	10.8	2	1		
31,34	GR-7	264+87.50	267+50.00	265+12.50	267+61.00	WB	LT	105	250.0	62.5				/								136				2.5	9.9	2	1		
32	GR-10	6+40.00	15+08.00	6+40.00	15+08.00	RAMP I/J	LT		875.0	862.5					/												8.8	32.4	9		
32	GR-11	8+56.50	8+89.00	8+56.50	8+89.00	RAMP O	LT		37.5	25.0					/												0.4	1.4	2		
32	GR-12	6+44.00	8+88.50	6+00.00	8+88.50	RAMP O	RT		300.0	287.5					/												3.4	13.2	4		
33	GR-14	5+50.00	22+58.50	5+00.00	22+58.50	RAMP K/306	RT		375.0	375.0				/													4.3	16.4	5		
33	GR-15	23+21.50	2+02.50	23+21.50	2+03.50	306/RAMP M&N	RT		262.5	250.0				/													2.6	9.7	3		
33	GR-16	1+08.50	1+52.00	1+08.50	1+52.00	RAMP M&N	LT		75.0	50.0				/													0.8	2.8	1		
34	GR-18	** 1+72.00	277+05.00	** 1+53.50	277+96.50	RAMPO/WB	LT	195	150.0	162.5				/	/												2.3	9.0	3		
34	GR-19	289+75.00	291+25.00	289+75.00	291+50.00	WB	LT	130	150.0	87.5	25			/	/												1.8	7.2	3		
35	GR-21	297+52.00	299+39.50	296+39.50	298+14.50	EB	RT		75.0	125.0				/													1.8	7.2	3		
35	GR-22	300+18.50	302+06.00	301+43.50	303+18.50	WB	LT		75.0	125.0				/													1.8	7.2	3		
35,36	GR-23			319+92.00	323+29.50	EB	RT	276		275.0				/	/												3.4	13.2	4		
36	GR-26	327+75.00	329+25.00	322+62.50	329+50.00	WB	LT	136	150.0	600.0	25			/	/												6.9	26.2	7		
36	GR-27			331+51.00	334+88.50	EB	RT	276		275.0				/	/				/								3.4	13.2	4		
36	GR-28			336+14.00	339+51.50	WB	LT	276		275.0				/	/												3.4	13.2	4		
36	GR-29	345+80.00	347+55.00	343+75.00	347+50.00	EB	RT	276	175.0	275.0	25			/	/												3.6	14.1	4		
36	GR-30	345+04.00	346+79.00	345+09.50	348+47.00	WB	LT	276	175.0	275.0				/	/												3.4	13.2	4		
38	GR-31	378+75.00	380+25.00	378+50.00	380+25.00	EB	RT	130	150.0	87.5	25			/	/												1.8	7.2	3		
38	GR-32	***386+50.00	8+50.00	***388+63.00	8+50.00	EB/RAMP S	RT		1200.0	900.0	25			/	/												9.9	37.3	10		
38,39	GR-33	# 391+07.00	10+00.00	# 391+00.00	9+50.00	WB/RAMP Q	LT		900.0	812.5				/	/												8.5	31.5	9		
38	GR-34	396+90.00	401+40.00			EB	RT		62.5	62.5				/	/																
38	GR-35	398+87.50	401+75.00			WB	LT		25.0	25.0				/	/																
38	GR-37	403+94.00	408+56.50			WB	LT		50.0	50.0				/	/																
39,40	GR-38	4+50.00	11+50.00	3+87.50	11+50.00	RAMP T	RT		700.0	725.0				/	/													7.6	28.2	8	
40	GR-39	** 11+51.00	413+00.00	** 11+55.50	413+18.00	RAMP V/WB	LT	116	150.0	75.0	25			/	/												1.6	6.7	3		
40	GR-40	425+75.00	427+25.00	425+75.00	427+50.00	WB	LT	136	150.0	87.5	25			/	/												1.8	7.2	3		
	GR-41	439+84.00	442+72.00						576.0						/	/															
41	GR-42			\$ 437+62.50	442+25.00	EB	LT	331		400.0				/	/												4.6	17.8	5		
41	GR-43	439+75.00	444+00.00	439+86.50	443+96.00	EB	RT	126	425.0	275.0				/	/												72	4.1	15.9	4	1
41	GR-44			\$ 440+31.00	444+93.50	WB	RT	331		400.0				/	/												4.6	17.8	5		
41	GR-45	440+62.50	445+25.00	440+90.00	447+21.00	WB	LT	276	362.5	525.0				/	/												56	6.3	24.1	6	1

TOTALS TO GENERAL SUMMARY

8726 9563 250 3 27 25 4 2 2 400 118.9 457 139 4

\* - STA 252+75.00 BK = STA 0+00.00 AH RAMP K  
 \*\* - STA 0+00.00 BK RAMP O = STA 277+25.00 AH

\*\*\* - STA 393+80.00 BK = STA 3+80.00 AH RAMP S  
 \$ - GUARDRAIL OFFSET 4' FROM EDGE OF SHOULDER  
 # - STA 394+50.00 BK = STA 4+50.00 AH RAMP Q  
 \*\* - STA 13+00.00 BK RAMP V = STA 413+00.00 AH

CALCULATED  
G.J.N  
CHECKED  
LDH

GUARDRAIL QUANTITIES

LAKE COUNTY  
LAK-2-6.12