FOR GUARDRAIL DETAILS SEE SHEETS (54-62)

GUARDRAIL AND RELATED QUANTITIES

SHEET NO.	REFERENCE NO.	EXISTING LOCATIONS FROM	EXISTING LOCATIONS TO	PROPOSED LOCATIONS FROM	PROPOSED LOCATIONS TO	DIRECTION	SIDE	LENGTH OF NEED (FOR FIXED OBJECTS)	202 GUARDRAIL REMOVED	606 GUARDRAIL, TYPE 5	606 GUARDRAIL, TYPE 5 BARRIER DESIGN	606 GUARDRAIL, TYPE 5A	606 THRIE BEAM RAIL AND TRANSITION SECTION		606 ANCHOR ASSEMBLY, TYPE E-98	606 ANCHOR ASSEMBLY, TYPE T	606 IMPACT ATTENUATOR, TYPE I-98 (BIDIRECTIONAL)	606 IMPACT ATTENUATOR, TYPE I-98 (UNIDIRECTIONAL)	606 BRIDGE TERMINAL ASSEMBLY, TYPE 1	606 BRIDGE TERMINAL ASSEMBLY, TYPE 2	606 BRIDGE TERMINAL ASSEMBLY, TYPE 3	606 BRIDGE TERMINAL ASSEMBLY, TYPE 4, AS PER PLAN	606 GUARDRAIL, MISC.: CABLE MEDIAN BARRIER ANCHORAGE UNIT	622 CONCRETE BARRIER, TYPE D	517 RAILING, MISC.: TBR RAILING	203 LINEAR GRADING, METHOD A	448 ASPHALT CONCRETE INTERMEDIATE COURSE TYPE IL-P064-22 (UNDER GUARDRAIL)	626 BARRIER REFLECTOR, TYPE A	626 BARRIER REFLECTOR, TYPE B
								L.F.	L.F.	L.F.	L.F.	L.F.	L.F.		EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	L.F.	L.F.	STA.	C.Y.	L.F.	L.F.
39	GR-46	626+45.00	627+95.00	626+43.00	628+18.00	WB	RT	127	150	87.5		25			1	1										1.8	7.1	3	
39	GR-47	626+45.00	627+95.00	626+55.00	628+80.00	WB	LT$	200	150	162.5					1	1										2.3	8.9	3	
40	GR-48	638+75.00	640+25.00	638+75.00	640+50.00	WB	RT	137	150	75			37.5		1	1										1.8	7.1	3	
40	GR-49	647+80.50	652+43.00	646+15.00	652+15.00	EB	RT		462.5	450					1				1			2		60		5.6	19.1	4	2
40	GR-50	649+45.00	653+45.00	649+52.50	654+37.50	WB	RT	114	400	325			37.5		1	1			1	1				60		4.9	16.3	5	1
40	GR-51	650+56.00	653+43.50	651+70.50	655+08.00	WB	LT$	280	287.5	275					1	1										3.4	19.3	4	
40	GR-52	650+56.00	653+43.50	648+87.00	652+24.50	EB	LT$	280	287.5	275					1	1										3.4	19.3	4	
41	GR-53			42+86.00	44+86.00	SB	RT	171		137.5					1	1										2.0	8.0	3	
42	GR-54	10+50.00	15+50.00	8+88.00	15+63.00	NB	RT		500	612.5					1	1										6.8	25.6	8	
42,43	GR-55	27+46.00	7+50.00	27+46.00	10+62.50	SB	RT		387.5	637.5					1	1										7.0	26.5	8	
42	GR-56	74+20.00	76+82.50	74+21.00	76+56.00	NB	RT	130	262.5	75					1				1					110		2.4	5.2	2	2
42	GR-57	74+50.00	77+00.00	74+70.00	77+05.00	SB	RT	130	250	75					1				1					110		2.4	5.2	2	2
42	GR-58			74+18.00	77+08.00		MED			200	25	200					2									4.9	18.1	8	
43	GR-59	90+00.00	92+37.50	88+65.00	92+27.50	NB	RT		237.5	300					1	1										3.6	14.0	7	
43	GR-60	91+34.00	92+96.50	91+35.00	94+97.50	SB	RT		162.5	300					1	1										3.6	14.0	5	
43	GR-61	100+60.00	102+60.00	99+75.00	104+37.50	SB	RT		200	400					1	1										4.6	17.7	5	
44	GR-62	110+50.00	114+12.50	109+90.00	114+52.50	NB	RT		362.5	400					1	1										4.6	17.7	5	
44	GR-63	112+00.00	115+00.00	111+75.00	116+87.50	SB	RT		300	450					1	1										5.1	19.6	6	
44	GR-64	131+50.00	133+00.00	128+62.50	133+50.00	NB	RT		150	425					1	1										4.9	18.6	5	
44	GR-65	132+37.50	134+00.00	132+50.00	135+50.00	SB	RT		162.5	237.5					1	1										3.0	11.7	4	
62	GR-66	186+11.00	188+06.00	186+11.00	188+06.00	NB	RT		50	50											2				145			2	
62	GR-67	186+36.00	186+61.00	186+36.00	188+06.00	NB	LT		25	25											1				145			2	
62	GR-68	188+34.00	188+59.00	186+89.00	188+59.00	SB	LT		25	25											1				145			2	
62	GR-69	186+89.00	188+84.00	186+89.00	188+84.00	SB	RT		50	50											2				145			2	
39	GR-70	611+00.00	611+95.00	611+00.00	611+95.00		MED																1						
39	GR-71	614+55.00	615+75.00	614+55.00	615+75.00		MED																1						
40	GR-72	649+85.00	650+80.00	649+85.00	650+80.00		MED																1						
40	GR-73	653+12.00	653+85.00	653+12.00	653+85.00		MED																1						
TOTALS TO GENERAL SUMMARY									5012.5	6050	25	225	75		19	16	2		4	1	6	2	4	340	580	78.1	299	102	7

$ - GUARDRAIL OFFSET 4' FROM EDGE OF SHOULDER
# - STA 312+45.00 BK = STA 0+00.00 AH RAMP G

CALCULATED EMK
CHECKED LDH

GUARDRAIL QUANTITIES

LAKE COUNTY
LAK-2/44-13.05/4.14

PLOTTED FROM: I:\PROJECTS\Pid18391\dgn\18391gsa.dgn