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	202 LENGTH OF NEED (FOR FIXED OBJECTS) L.F.	202 GUARDRAIL REMOVED L.F.	606 GUARDRAIL, TYPE 5 L.F.	606 GUARDRAIL, TYPE 5 BARRIER DESIGN L.F.	606 GUARDRAIL, TYPE 5A L.F.	606 THRIE BEAM RAIL AND TRANSITION SECTION L.F.	606 ANCHOR ASSEMBLY, TYPE E-98 EACH	606 ANCHOR ASSEMBLY, TYPE T EACH	606 IMPACT ATTENUATOR, TYPE I-98 (BIDIRECTIONAL) EACH	606 IMPACT ATTENUATOR, TYPE I-98 (UNIDIRECTIONAL) EACH	606 BRIDGE TERMINAL ASSEMBLY, TYPE 1 EACH	606 BRIDGE TERMINAL ASSEMBLY, TYPE 2 EACH	606 BRIDGE TERMINAL ASSEMBLY, TYPE 3 EACH	606 BRIDGE TERMINAL ASSEMBLY, TYPE 4, AS PER PLAN EACH	606 GUARDRAIL, MISC.: CABLE MEDIAN BARRIER ANCHORAGE UNIT EACH	622 CONCRETE BARRIER, TYPE D L.F.	517 RAILING, MISC.: TBR RAILING L.F.	203 LINEAR GRADING, METHOD A STA.	448 ASPHALT CONCRETE INTERMEDIATE COURSE TYPE I, PG64-22 (UNDER GUARDRAIL) C.Y.	626 BARRIER REFLECTOR, TYPE A L.F.	626 BARRIER REFLECTOR, TYPE B 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

30
93

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