

1-A

GUARDRAIL QUANTITIES

CALC. BY DATE	LAKE COUNTY	OHIO
CHKD. BY DATE	LAK-90/271-1.88/0.00	FHWA REGION 5
BY DATE		FEDERAL PROJECT

40
185

GUARDRAIL AND RELATED QUANTITIES

SHEET NO.	REFERENCE NO.	EXISTING LOCATIONS		PROPOSED LOCATIONS		DIRECTION	SIDE	202		606							802		622	622	203	446
		FROM	TO	FROM	TO			LF	LF	LF	EA	EA	EA	EA	EA	EA	BARRIER REFLECTOR		CONCRETE BARRIER, AS PER PLAN	CONCRETE BARRIER, TYPE D.	LINEAR GRADING	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I, AS PER PLAN
																	TYPE "A"	TYPE "B"				
COST PARTICIPATION I																						
53	1G	133+39	134+64.62 =	132+93.62	134+64.62 =																	
		00+00.20	1+32	00+00.20	1+16.5	NB	RT	250		200												
	2G	133+90	134+64.62 =	133+54.92	134+64.62 =																	
		00+00.20	1+47	00+00.20	1+27.5	NB	LT	225		162.5	50											
	3G	134+28	134+64.62 =																			
		00+00.20	3+05	1+50	3+00	SB	RT	332.5		87.5												
	4G	0+87	2+73	1+14.5	3+00	SB	LT	187.5		123	50											
54	5G	18+78	20+38	18+75	20+37.5	NB	RT	162.5		125												
	6G	18+80	20+40	18+75	20+37.5	NB	LT	162.5		125												
	23G			3+00	4+00	SB	RT			75												
	116G			3+00	4+02	SB	LT			77												
TOTALS CARRIED TO GENERAL SUMMARY																						
								1320		975	100	5	4	2								
56	7G	53+89	56+62	53+65.5	56+28	NB	RT	275		162.5	12.5											
	8G	53+79	56+02	53+80	55+92.5	NB	LT	225		112.5	62.5											
	9G	54+26	56+12	54+37.5	56+50	SB	LT	187.5		125	50											
	10G	53+77	55+62	54+00	56+00	SB	RT	187.5		112.5												
57	11G	C 34+50	C 36+12.5	34+50	36+87.5	NB	RT	162.5		200												
	12G	C 34+60	C 36+22.5	34+60	37+72.5	NB	LT	162.5		275												
	13G	27+50	32+50	27+50	32+50	NB	RT	500		487.5												
	14G	27+50	27+84	27+50	32+60	NB	LT	34		497.5												
	15G	66+00	67+87.5	65+75	67+50	NB	RT	187.5		87.5												
	16G	65+88	67+75.5	64+07.5	67+57.5	NB	LT	187.5		312.5												
	17G	71+80	73+00			NB	RT	125														
	18G	71+28	73+00			NB	LT	172														
	19G	66+77	68+64.5	66+91.5	70+41.5	SB	LT	187.5		312.5												
	20G	66+42	71+17	67+00	69+25	SB	RT	475		137.5												
	21G	A 19+60	A 21+47.5	17+22.5	21+22.5	SB	LT	187.5		312.5												
	22G	A 19+38	A 21+25.5	18+27.5	20+90	SB	RT	187.5		175												
	24G	15+00	16+12			SB	RT	112														
58	25G	73+00	73+42.5	73+47.5	79+97.5	NB	RT	42.5		612.5												
	26G	73+00	73+40.5			NB	LT	40.5														
	27G	25+84	27+50	25+84	27+50	EB	RT	166		153.5												
	28G	25+84	27+50	28+84	27+50	EB	LT	166		153.5												
	29G	75+00	76+67.5			NB	RT	167.5														
	30G	75+64	79+14	73+67.5	78+92.5	NB	LT	350		487.5												
	31G	78+48	80+10.5			NB	RT	162.5														
	32G	15+84.5	16+00	15+84.5	16+00	NB	LT	15.5														
	33G	76+95	78+95	77+15.5	81+03	SB	LT	200		350												
	34G	76+48	79+48	76+67.5	78+80	SB	RT	300		175												
	35G	10+20	15+00	10+12.5	12+75	SB	RT	480		250												
	36G	30+00	35+79.29=	30+00	35+79.29=																	
		5+79.29	9+19	5+79.29	9+19	EB	LT	906.5		881.5	25											
*	37G	6+81.5	9+19	6+20.5	9+27	EB	RT	237.5		125												
	38G	17+97	19+97	18+97	19+97	WB	RT	200		75												
	39G	18+97	19+97	18+97	19+97	WB	LT	100		75												
TOTALS TO SHEET 43 ● COST PARTICIPATION II								7090		6649	150	17	12	11	2	50	97	66	210	410	9097	288

* SEE DETAIL SHEET NO. 81A

ACAD FILE : PL_QNTI.DWG