

C:\Project\CV000048A001\Drawing\LAK\13486\bridge\LAK002_0530L_sheets\002_0530CR1004.dgn 6/24/2008 5:11:50 PM mbechter

REINFORCING SCHEDULE

BAR MARK	NO. REQUIRED			BAR LENGTH	BAR TYPE	DIMENSIONS						WEIGHT LBS.
	LEFT	RIGHT	TOTAL			A	B	C	D	E	INCR.	
SUPERSTRUCTURE												
S401	1590	1712	3302	30' - 0"	ST.	30' - 0"						66,172
S402	156		156	7' - 8"	ST.	7' - 8"						799
S403		170	170	9' - 4"	ST.	9' - 4"						1,060
S501	264	248	512	8' - 6"	2	3' - 5"	2' - 8"					4,539
S502	134	124	258	7' - 10"	2	2' - 7"	2' - 9"					2,108
S503	1238	1212	2450	30' - 0"	ST.	30' - 0"						76,661
S504	158		158	13' - 0"	ST.	13' - 0"						2,142
S505	225	228	453	7' - 5"	20	3' - 2"	3' - 0"	1' - 1"	0' - 3"			3,504
S506	226	226	452	9' - 11"	20	4' - 5"	4' - 3"	1' - 1"	0' - 3"			4,675
S507		156	156	14' - 8"	ST.	14' - 8"						2,386
S508	6	6	12	7' - 5"	38	0' - 6"	1' - 9"	1' - 3"	2' - 0"			93
S509	4	4	8	6' - 9"	2	4' - 0"	1' - 6"					56
S510	4	4	8	7' - 10"	6	4' - 0"	2' - 5"	0' - 11"	1' - 6"			66
S511	4	4	8	4' - 3"	ST.	4' - 3"						35
S601	820	840	1660	30' - 0"	ST.	30' - 0"						74,800
S602	320	324	644	34' - 0"	ST.	34' - 0"						32,888
S603	2		2	18' - 4"	ST.	18' - 4"						55
S604	225	228	453	2' - 10"	1	1' - 1"	1' - 11"					1,928
S605	225	228	453	3' - 9"	43	1' - 9"	1' - 1"					2,552
S606	226	226	452	3' - 7"	1	1' - 1"	2' - 8"					2,433
S607	226	226	452	4' - 6"	43	2' - 6"	1' - 1"					3,064
SERIES	4 SETS		4 SETS	5' - 0" TO	ST.	5' - 0" TO					10 1/4"	4,308
S608	OF 36		OF 36	34' - 10"		34' - 10"						
S609	20		20	3' - 6"	ST.	3' - 6"						105
S610	794		794	35' - 8"	ST.	35' - 8"						42,536
S611	836		836	17' - 5"	ST.	17' - 5"						21,870
SERIES	2 SETS		2 SETS	5' - 0" TO	ST.	5' - 0" TO					9 3/8"	471
S612	OF 15		OF 15	15' - 11"		15' - 11"						
SERIES	2 SETS		2 SETS	4' - 10" TO	ST.	4' - 10" TO					10 3/4"	447
S613	OF 14		OF 14	16' - 5"		16' - 5"						
SERIES	2 SETS		2 SETS	4' - 4" TO	ST.	4' - 4" TO					10 3/8"	690
S614	OF 19		OF 19	19' - 10"		19' - 10"						
S615	826	2	828	21' - 4"	ST.	21' - 4"						26,531
SERIES	2 SETS		2 SETS	5' - 6" TO	ST.	5' - 6" TO					10 3/8"	696
S616	OF 18		OF 18	20' - 3"		20' - 3"						
S617	450	454	904	4' - 6"	53	4' - 0"	0' - 2"	0' - 6"				6,104
S618	450	454	904	3' - 5"	50	3' - 5"						4,639
SERIES	2 SETS		2 SETS	4' - 5" TO	ST.	4' - 5" TO					10 3/8"	1,434
S619	OF 29		OF 29	28' - 6"		28' - 6"						
SERIES	2 SETS		2 SETS	5' - 0" TO	ST.	5' - 0" TO					10 1/2"	1,503
S620	OF 29		OF 29	29' - 6"		29' - 6"						
SERIES	2 SETS		2 SETS	4' - 8" TO	ST.	4' - 8" TO					10 1/4"	1,274
S621	OF 27		OF 27	26' - 9"		26' - 9"						
S622	18	18	36	3' - 9"	ST.	3' - 9"						101
S623	818	818	1636	27' - 10"	ST.	27' - 10"						34,197
SERIES	2 SETS		2 SETS	5' - 0" TO	ST.	5' - 0" TO					10 1/2"	1,243
S624	OF 26		OF 26	26' - 10"		26' - 10"						
SERIES	2 SETS		2 SETS	4' - 8" TO	ST.	4' - 8" TO					10 1/8"	217
S625	OF 9		OF 9	11' - 5"		11' - 5"						
S626	860	860	1720	14' - 8"	ST.	14' - 8"						18,945
SERIES	2 SETS		2 SETS	5' - 0" TO	ST.	5' - 0" TO					10 3/8"	129
S627	OF 6		OF 6	9' - 4"		9' - 4"						
SERIES	2 SETS		2 SETS	5' - 4" TO	ST.	5' - 4" TO					10 1/8"	1,402
S628	OF 28		OF 28	28' - 0"		28' - 0"						
SERIES	2 SETS		2 SETS	10' - 6" TO	ST.	10' - 6" TO					10"	1,272
S629	OF 22		OF 22	28' - 0"		28' - 0"						
SERIES	2 SETS		2 SETS	3' - 6" TO	50	3' - 6" TO					5 1/8"	120
S630	OF 8		OF 8	6' - 6"		6' - 6"						

TOTAL SUPERSTRUCTURE WEIGHT 521,474

REINFORCING SCHEDULE

BAR MARK	NO. REQUIRED			BAR LENGTH	BAR TYPE	DIMENSIONS						WEIGHT LBS.
	LEFT	RIGHT	TOTAL			A	B	C	D	E	INCR.	
SUPERSTRUCTURE CONT.												
SERIES		2 SETS	2 SETS	4' - 4" TO	51	4' - 4" TO					10 5/8"	831
S631		OF 21	OF 21	22' - 0"		22' - 0"						
S632		10	10	3' - 6"	51	3' - 6"						53
S633		826	826	23' - 3"	51	23' - 3"						28,845
S634		870	870	9' - 7"	50	9' - 7"						12,523
SERIES		2 SETS	2 SETS	4' - 4" TO	ST.	4' - 4" TO					10 5/8"	831
S635		OF 21	OF 21	22' - 0"		22' - 0"						
S636	225	227	452	5' - 1"	54	0' - 3"	0' - 5"	2' - 2"	0' - 8"			3,448
S801	3	22	25	30' - 0"	ST.	30' - 0"						2,003
S802	3	32	35	17' - 0"	ST.	17' - 0"						1,589
S803		7	7	19' - 0"	ST.	19' - 0"						355
S804	3	10	13	11' - 10"	50	11' - 10"						411
S805		14	14	18' - 4"	51	18' - 4"						685
S806		3	3	14' - 8"	52	14' - 8"						117
S807		7	7	18' - 4"	ST.	18' - 4"						343
S808	11	17	28	14' - 8"	50	14' - 8"						1,096
S809		4	4	27' - 3"	51	27' - 3"						291
S810		7	7	12' - 10"	50	12' - 10"						240
S811		16	16	24' - 6"	ST.	24' - 6"						1,047
S812	63	64	127	5' - 4"	13	3' - 1"						1,822
S813	4	8	12	22' - 1"	ST.	22' - 1"						708
S814	4		4	22' - 1"	51	22' - 1"						236
S815	3		3	19' - 3"	50	19' - 3"						154
S816	18	18	36	23' - 2"	ST.	23' - 2"						1,113
S817	18	18	36	23' - 2"	51	23' - 2"						1,113
S818	6	6	12	17' - 7"	52	17' - 7"						282
S819	14	14	28	7' - 5"	50	7' - 5"						277
S820	56	14	70	26' - 6"	ST.	26' - 6"						4,953
S821	14		14	32' - 0"	ST.	32' - 0"						1,196
S822		4	4	24' - 11"	55	7' - 4"	0' - 3"	4' - 11"	12' - 8"	0' - 6"		266
S823		20	20	25' - 0"	ST.	25' - 0"						1,335
S824		4	4	26' - 6"	51	26' - 6"						283
S825		3	3	13' - 10"	52	13' - 10"						111
S826	3		3	20' - 2"	51	20' - 2"						162
S827	4		4	15' - 6"	9	7' - 10"	0' - 8"	7' - 8"				165
S828	4		4	31' - 11"	55	7' - 4"	0' - 3"	9' - 6"	15' - 0"	0' - 7"		341
TOTAL SUPERSTRUCTURE WEIGHT												521,474

NOTES

1. FOR REINFORCING BAR DIAGRAMS AND ADDITIONAL NOTES SEE SHEET 56/56.

REINFORCING SCHEDULE

BRIDGE NO. LAK-2-0530 L&R
STATE ROUTE 2 OVER CHAGRIN RIVER

LAK-2-3.32
PID 13486

DESIGN AGENCY: **ARCADIS**
ARCADIS, C&M of Ohio, Inc.
100 Superior Avenue, Suite 1250 Cleveland, Ohio 44114
Tel: 216-781-6777 Fax: 216-781-6243 www.arcadis-us.com

DESIGNED: FJC
CHECKED: MVD

DRAWN: CAF
REVISED:

REVIEWED: RBB
STRUCTURE FILE NUMBER: 4300750 (L)
4300785 (R)

DATE: 12/07

55/56

1517
1679