

C:\Project\CV000048A001\Drawing\LAK\13486\bridge\LAK002_0530L_sheets\002_0530CR1002.dgn 6/24/2008 5:11:40 PM mbechter

REINFORCING SCHEDULE												
BAR MARK	NO. REQUIRED			BAR LENGTH	BAR TYPE	DIMENSIONS						WEIGHT LBS.
	LEFT	RIGHT	TOTAL			A	B	C	D	E	INCR.	
FORWARD ABUTMENT												
F501 NOT USED IN FORWARD ABUTMENT												
F502		9	9	26' - 10"	51	26' - 10"						252
F503	122	86	208	6' - 8"	1	1' - 11"	4' - 10"					1,437
F504	41	41	82	30' - 0"	ST.	30' - 0"						2,566
F505	9	9	18	9' - 7"	50	9' - 7"						180
F506 THRU F507 NOT USED IN FORWARD ABUTMENT												
F508		42	42	16' - 5"	1	2' - 0"	14' - 6"					717
F509	9		9	12' - 3"	51	12' - 3"						115
F510 NOT USED IN FORWARD ABUTMENT												
F511	20	20	40	4' - 4"	ST.	4' - 4"						181
F512 NOT USED IN FORWARD ABUTMENT												
F513		23	23	12' - 7"	5	3' - 6"	2' - 6"					301
F514	18		18	24' - 10"	ST.	24' - 10"						466
F515 NOT USED IN FORWARD ABUTMENT												
F516	13		13	18' - 6"	ST.	18' - 6"						251
F517	17		17	22' - 5"	1	2' - 0"	20' - 6"					397
F518	11	11	22	16' - 9"	ST.	16' - 9"						384
F519 NOT USED												
SERIES		2 SETS	2 SETS	13' - 3"	ST.	13' - 3"					6 3/8"	574
F520		OF 16	OF 16	21' - 2"		TO 21' - 2"						
F521 NOT USED IN FORWARD ABUTMENT (F522 NOT USED)												
F523		16	16	22' - 2"	1	1' - 6"	20' - 9"					369
F524 NOT USED IN FORWARD ABUTMENT												
F525		12	12	24' - 2"	1	1' - 6"	22' - 9"					302
F526		4	4	10' - 0"	ST.	10' - 0"						42
F527		4	4	8' - 1"	41	3' - 2"	3' - 2"	2' - 0"				34
F528		6	6	17' - 11"	ST.	17' - 11"						112
F529		1	1	14' - 9"	5	3' - 6"	3' - 7"					15
F530		1	1	16' - 9"	5	3' - 6"	4' - 7"					17
SERIES		1 SET	1 SET	23' - 1"	1	1' - 6"	21' - 8"				4 3/8"	98
F531		OF 4	OF 4	24' - 2"		TO 22' - 9"						
F532		2	2	7' - 6"	ST.	7' - 6"						16
F533		1	1	24' - 2"	ST.	24' - 2"						25
F534 NOT USED IN FORWARD ABUTMENT												
F801 NOT USED IN FORWARD ABUTMENT												
F802	53	40	93	16' - 6"	26	14' - 8"						4,097
F803 NOT USED IN FORWARD ABUTMENT												
F804	34		34	22' - 4"	1	2' - 0"	20' - 6"					2,024
F805 THRU F806 NOT USED IN FORWARD ABUTMENT												
F807	26		26	18' - 6"	ST.	18' - 6"						1,284
F808 THRU F809 NOT USED IN FORWARD ABUTMENT												
F810	24	21	45	16' - 9"	ST.	16' - 9"						2,013
SERIES		1 SET	1 SET	5' - 11"		5' - 0"					1' - 9 5/8"	167
F811		OF 6	OF 6	14' - 11"	25	TO 14' - 0"						
SERIES		1 SET	1 SET	5' - 11"		5' - 0"					10 3/4"	306
F812		OF 11	OF 11	14' - 11"	25	TO 14' - 0"						
F813		83	83	16' - 4"	1	2' - 0"	14' - 6"					3,610
F814		4	4	4' - 11"	25	4' - 0"						53
F815		1	1	22' - 9"	ST.	22' - 9"						61
SERIES		1 SET	1 SET	22' - 6"	1	1' - 6"	21' - 2"				2 3/4"	497
F816		OF 8	OF 8	24' - 1"		TO 22' - 9"						
F817		30	30	22' - 1"	1	1' - 6"	20' - 9"					1,766
F818		23	23	24' - 1"	1	1' - 6"	22' - 9"					1,476
F819		4	4	17' - 3"	16	7' - 3"	2' - 0"	2' - 0"				184
F820		4	4	17' - 11"	ST.	17' - 11"						191
F822 THRU F827 NOT USED IN FORWARD ABUTMENT												

* - REINFORCING INCLUDED WITH RESPECTIVE ITEM 524 FOR PAYMENT

NOTES

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

REINFORCING SCHEDULE													
BAR MARK	NO. REQUIRED			BAR LENGTH	BAR TYPE	DIMENSIONS						WEIGHT LBS.	
	LEFT	RIGHT	TOTAL			A	B	C	D	E	INCR.		
FORWARD ABUTMENT CONT.													
A501 THRU A504 NOT USED IN FORWARD ABUTMENT													
A505	44	38	82	4' - 4"	ST.	4' - 4"						371	
A506	2		2	16' - 0"	ST.	16' - 0"						33	
A507 THRU A508 NOT USED IN FORWARD ABUTMENT													
A509	4	2	6	14' - 0"	50	14' - 0"						88	
A510	4	2	6	3' - 4"	51	3' - 4"						21	
A511 NOT USED IN FORWARD ABUTMENT													
A512		6	6	5' - 2"	2	3' - 5"	1' - 0"					32	
A513	88	94	182	2' - 3"	ST.	2' - 3"						427	
A514 NOT USED IN FORWARD ABUTMENT													
A515	27	4	31	30' - 0"	ST.	30' - 0"						970	
A516 THRU A520 NOT USED IN FORWARD ABUTMENT													
A521	44		44	2' - 6"	ST.	2' - 6"						115	
A522	22		22	6' - 2"	2	3' - 5"	1' - 6"					142	
A523 THRU A524 NOT USED IN FORWARD ABUTMENT													
A525	1		1	15' - 1"	ST.	15' - 1"						16	
A526		36	36	7' - 3"	2	1' - 2"	3' - 2"					272	
A527	1		1	17' - 10"	ST.	17' - 10"						19	
A528 THRU A529 NOT USED IN FORWARD ABUTMENT													
SERIES	1 SET		1 SET	15' - 7"		TO 14	3' - 5"	4' - 11"	2' - 10"	2' - 10"	3' - 6"	1/4"	511
A530	OF 31		OF 31	16' - 1"		TO 5' - 5"							
A531	23	2	25	11' - 2"	ST.	11' - 2"							291
A532	28	47	75	5' - 8"	2	3' - 5"	1' - 3"						443
SERIES	1 SET		1 SET	5' - 6"		TO 2	3' - 5"	1' - 2"			1 3/8"	106	
A533	OF 16		OF 16	7' - 2"		TO 3' - 0"							
A534	11		11	13' - 8"	14	3' - 5"	3' - 0"	2' - 10"	2' - 10"	3' - 6"			157
A535	4		4	12' - 9"	ST.	12' - 9"							53
A536		11	11	14' - 11"	14	3' - 5"	4' - 3"	2' - 10"	2' - 10"	3' - 6"			171
A537		25	25	10' - 5"	ST.	10' - 5"							272
A538		12	12	2' - 0"	ST.	2' - 0"							25
A539		16	16	13' - 6"	14	3' - 5"	2' - 10"	2' - 10"	2' - 10"	3' - 6"			225
SERIES		1 SET	1 SET	12' - 11"		TO 14	3' - 5"	2' - 3"	2' - 10"	2' - 10"	3' - 6"	1/2"	164
A540		OF 12	OF 12	13' - 5"		TO 2' - 9"							
A541		13	13	12' - 9"	14	3' - 5"	2' - 1"	2' - 10"	2' - 10"	3' - 6"			173
SERIES	4 SETS		4 SETS	1' - 0"		TO 11"							24
A542	OF 3		OF 3	2' - 10"	ST.	2' - 10"							
A543		50	50	19' - 3"	ST.	19' - 3"							1,004
A544		12	12	6' - 0"	ST.	6' - 0"							75
A545		38	38	23' - 6"	ST.	23' - 6"							931
SERIES	1 SET		1 SET	18' - 4"		TO 2	3' - 5"	7' - 7"			2 1/2"	58	
A546	OF 3		OF 3	18' - 9"		TO 3' - 10"							
A547		4	4	15' - 8"	ST.	15' - 8"							65
A548		2	2	18' - 4"	ST.	18' - 4"							38
A549		2	2	19' - 0"	ST.	19' - 0"							40
A801 NOT USED IN FORWARD ABUTMENT													
A802	5	10	15	27' - 7"	ST.	27' - 7"							1,105
A803	10	5	15	23' - 3"	ST.	23' - 3"							931
A804	10	5	15	8' - 0"	50	8' - 0"							320
A805	10	5	15	18' - 8"	51	18' - 8"							748
A806 NOT USED													
A807	5	5	10	18' - 8"	ST.	18' - 8"							498
A808		14	14	15' - 6"	ST.	15' - 6"							579
SP401 NOT USED IN FORWARD ABUTMENT													
SP402	9	7	16	17' - 1"	19	1' - 2"	0' - 5"	17' - 1"					548 *
SP403	4	13	17	13' - 10"	19	2' - 8"	0' - 5"	13' - 10"					1,100 *
DS1001	40	130	170	18' - 2"	25	16' - 9"							13,289 *
DS1002	36	28	64	18' - 6"	25	17' - 1"							5,095 *
TOTAL FORWARD ABUTMENT WEIGHT												38,093	

REINFORCING SCHEDULE

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

LAK-2-3.32
PID 13486

DESIGN AGENCY: **ARCADIS**
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DATE: 12/07
REVIEWED: RBB
DRAWN: CAF
DESIGNED: FJC
CHECKED: MVD

53/56

1515
1679