

C:\Project\CV000048A001\Drawing\LAK\13486\bridge\LAK002\_0530L\sheets\002\_0530CRL001.dgn 6/24/2008 5:11:35 PM mbechter

REINFORCING SCHEDULE												
BAR MARK	NO. REQUIRED			BAR LENGTH	BAR TYPE	DIMENSIONS						WEIGHT LBS.
	LEFT	RIGHT	TOTAL			A	B	C	D	E	INCR.	
<b>REAR ABUTMENT</b>												
F501		43	43	17' - 1"	1	3' - 2"	14' - 0"					764
<b>F502 NOT USED IN REAR ABUTMENT</b>												
F503	108	90	198	6' - 8"	1	1' - 11"	4' - 10"					1,368
F504	50	41	91	30' - 0"	ST.	30' - 0"						2,847
<b>F505 NOT USED IN REAR ABUTMENT</b>												
F506	11	12	23	14' - 6"	ST.	14' - 6"						348
F507		32	32	15' - 4"	ST.	15' - 4"						512
<b>F508 NOT USED IN REAR ABUTMENT</b>												
F509	9		9	12' - 3"	51	12' - 3"						115
F510	9	9	18	13' - 3"	50	13' - 3"						249
F511	18	18	36	4' - 4"	ST.	4' - 4"						163
F512	31	33	64	19' - 8"	1	1' - 6"	18' - 3"					1,310
F513		25	25	12' - 7"	5	3' - 6"	2' - 6"					327
F514		6	6	24' - 10"	ST.	24' - 10"						155
F515		2	2	13' - 9"	ST.	13' - 9"						29
<b>F516 THRU F518 AND F520 NOT USED IN REAR ABUTMENT (F519 NOT USED)</b>												
SERIES		2 SETS	2 SETS	3' - 10"	ST.	3' - 10"					7 7/8"	236
F521		OF 14	OF 14	12' - 4"		12' - 4"						
<b>F523 NOT USED IN REAR ABUTMENT (F522 NOT USED)</b>												
F524		9	9	28' - 8"	51	28' - 8"						269
<b>F525 THRU F534 NOT USED IN REAR ABUTMENT</b>												
F801		85	85	15' - 3"	1	1' - 6"	13' - 11"					3,452
F802	92	128	220	16' - 6"	26	14' - 8"						9,692
F803	21	23	44	14' - 6"	ST.	14' - 6"						1,703
<b>F804 NOT USED IN REAR ABUTMENT</b>												
F805	61	62	123	19' - 7"	1	1' - 6"	18' - 3"					6,418
F806		4	4	24' - 6"	ST.	24' - 6"						262
F807		1	1	18' - 6"	ST.	18' - 6"						49
SERIES		1 SET	1 SET	7' - 7"	25	6' - 8"					1'-6 3/4"	143
F808		OF 5	OF 5	13' - 10"		12' - 11"						
SERIES		1 SET	1 SET	7' - 7"	25	6' - 8"					10 5/8"	309
F809		OF 10	OF 10	15' - 7"		14' - 8"						
<b>F810 THRU F827 NOT USED IN REAR ABUTMENT</b>												
A501		11	11	12' - 11"	14	3' - 5"	2' - 3"	2' - 10"	2' - 10"	3' - 6"		148
SERIES		1 SET	1 SET	13' - 0"	14	3' - 5"	2' - 4"	2' - 10"	2' - 10"	3' - 6"	3/8"	264
A502		OF 19	OF 19	13' - 8"		3' - 1"	2' - 10"	2' - 10"	3' - 6"			
A503		14	14	13' - 9"	14	3' - 5"	3' - 1"	2' - 10"	2' - 10"	3' - 6"		200
A504		36	36	23' - 2"	ST.	23' - 2"						870
A505	38	34	72	4' - 4"	ST.	4' - 4"						325
A506		4	4	16' - 0"	ST.	16' - 0"						67
A507		100	100	2' - 5"	ST.	2' - 5"						252
A508		50	50	5' - 10"	2	3' - 5"	1' - 4"					304
A509	4	2	6	14' - 0"	50	14' - 0"						88
A510	4	2	6	3' - 4"	51	3' - 4"						21
A511		2	2	21' - 0"	ST.	21' - 0"						44
A512		4	4	5' - 2"	2	3' - 5"	1' - 0"					22
A513		8	8	2' - 3"	ST.	2' - 3"						19
A514		12	12	15' - 3"	14	3' - 5"	4' - 7"	2' - 10"	2' - 10"	3' - 6"		191
<b>A515 NOT USED IN REAR ABUTMENT</b>												
A516	11		11	13' - 6"	14	3' - 5"	3' - 2"	2' - 10"	2' - 10"	3' - 2"		155
A517		21	21	11' - 7"	ST.	11' - 7"						254
A518	21		21	10' - 8"	ST.	10' - 8"						234
A519	52		52	17' - 0"	ST.	17' - 0"						922
A520	42		42	6' - 0"	2	3' - 5"	1' - 5"					263
A521	136		136	2' - 6"	ST.	2' - 6"						355
A522	26		26	6' - 2"	2	3' - 5"	1' - 6"					167
SERIES	1 SET		1 SET	15' - 8"	14	3' - 5"	5' - 0"	2' - 10"	2' - 10"	3' - 6"	1/2"	215
A523	OF 13		OF 13	16' - 2"		5' - 6"						
A524	18		18	16' - 4"	14	3' - 5"	5' - 8"	2' - 10"	2' - 10"	3' - 6"		306

REINFORCING SCHEDULE												
BAR MARK	NO. REQUIRED			BAR LENGTH	BAR TYPE	DIMENSIONS						WEIGHT LBS.
	LEFT	RIGHT	TOTAL			A	B	C	D	E	INCR.	
<b>REAR ABUTMENT CONT.</b>												
<b>A525 NOT USED IN REAR ABUTMENT</b>												
A526		32	32	7' - 3"	2	1' - 2"	3' - 2"					242
A527		52	52	17' - 10"	ST.	17' - 10"	-					967
A528		1	1	7' - 6"	2	1' - 5"	3' - 2"					8
SERIES	1 SET		1 SET	16' - 6"	2	3' - 5"	6' - 8"				3"	52
A529	OF 3		OF 3	17' - 0"		3' - 11"						
<b>A530 THRU A541 NOT USED IN REAR ABUTMENT</b>												
SERIES	4 SETS		4 SETS	1' - 0"	ST.	1' - 0"					11"	24
A542	OF 3		OF 3	2' - 10"		2' - 10"						
A543	2		2	19' - 3"	ST.	19' - 3"						40
<b>A544 THRU A549 NOT USED IN REAR ABUTMENT</b>												
A801		5	5	12' - 0"	ST.	12' - 0"						160
A802	5	5	10	27' - 7"	ST.	27' - 7"						736
A803	10	15	25	23' - 3"	ST.	23' - 3"						1,552
A804	10	5	15	8' - 0"	50	8' - 0"						320
A805	10	5	15	18' - 8"	51	18' - 8"						748
<b>A806 NOT USED</b>												
A807	10	5	15	18' - 8"	ST.	18' - 8"						748
A808	1		1	15' - 6"	ST.	15' - 6"						41
<b>SP401 NOT USED IN REAR ABUTMENT</b>												
SP402	8	7	15	17' - 1"	19	1' - 2"	0' - 5"	17' - 1"				1,613 *
SP403	6	13	19	13' - 10"	19	2' - 8"	0' - 5"	13' - 10"				3,861 *
DS1001	60	130	190	18' - 2"	25	16' - 9"						14,853 *
DS1002	32	28	60	18' - 6"	25	17' - 1"						4,776 *
<b>TOTAL REAR ABUTMENT WEIGHT</b>												42,043

\* - REINFORCING INCLUDED WITH RESPECTIVE ITEM 524 FOR PAYMENT

NOTES

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

DESIGN AGENCY: **ARCADIS**  
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DATE: 5/07  
 REVISION: RBB  
 STRUCTURE FILE NUMBER: 4300750 (L)  
 4300785 (R)

DRAWN: CAF  
 CHECKED: MVD  
 DESIGNED: FJC

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

**LAK-2-3.32**  
**PID 13486**

52/56  
 1514  
 1679