

C:\Project\CV000048A001\Drawing\LAK\13486\bridge\LAK002\_0530L\_sheets\002\_0530CR1003.dgn 6/24/2008 5:11:45 PM mbechter

REINFORCING SCHEDULE											
BAR MARK	NO. REQUIRED			BAR LENGTH	BAR TYPE	DIMENSIONS					WEIGHT LBS.
	LEFT	RIGHT	TOTAL			A	B	C	D	E	
<b>PIER 1</b>											
F501 THRU F518, F520, F521 AND F523 THRU F533 NOT USED IN PIER 1 (F519 AND F522 NOT USED)											
F534	12	36	48	4' - 4"	ST.	4' - 4"					217
F801 THRU F822 NOT USED IN PIER 1											
F823	45	101	146	17' - 7"	5	5' - 8"	2' - 7"				6,854
F824	12		12	31' - 6"	26	29' - 8"					1,009
F825		12	12	26' - 7"	26	24' - 9"					852
F826		24	24	25' - 10"	25	24' - 11"					1,655
F827 NOT USED IN PIER 1											
F1001	89	201	290	14' - 5"	1	1' - 6"	13' - 3"				17,990
F1002	2	12	14	11' - 3"	ST.	11' - 3"					678
P501	15		15	12' - 1"	3	1' - 1"	4' - 4"				189
P502		12	12	9' - 1"	56	3' - 2"	1' - 0"	1' - 0"			114
P503	28		28	29' - 10"	ST.	29' - 10"					871
P504	3		3	23' - 8"	ST.	23' - 8"					74
P505	24	64	88	3' - 8"	ST.	3' - 8"					337
P506	10	10	20	21' - 2"	ST.	21' - 2"					442
P507	5		5	31' - 5"	ST.	31' - 5"					164
P508	122		122	3' - 3"	ST.	3' - 3"					414
P509		27	27	28' - 4"	ST.	28' - 4"					798
P510		5	5	19' - 2"	ST.	19' - 2"					100
P511		50	50	22' - 7"	ST.	22' - 7"					1,178
P512	61	48	109	5' - 9"	2	2' - 2"	1' - 11"				654
P513	45	107	152	9' - 9"	2	2' - 0"	4' - 0"				1,546
P514		96	96	3' - 0"	ST.	3' - 0"					300
P515		3	3	14' - 9"	ST.	14' - 9"					46
P516 THRU P523 NOT USED IN PIER 1											
P601	9	15	24	10' - 8"	5	2' - 2"	2' - 9"				383
P602	6	10	16	4' - 3"	1	1' - 8"	2' - 9"				102
P901	6	10	16	2' - 2"	ST.	2' - 2"					118
P902	15	25	40	4' - 1"	1	1' - 8"	2' - 9"				561
P1001	90		90	18' - 11"	ST.	18' - 11"					7,326
P1002		86	86	17' - 3"	ST.	17' - 3"					6,384
P1003		131	131	14' - 10"	ST.	14' - 10"					8,361
P1004 THRU P1005 NOT USED PIER 1											
P1006	3		3	19' - 9"	ST.	19' - 9"					255
SP401	3	7	10	11' - 0"	19	3' - 2"	0' - 5"	11' - 0"			1,924
DS1101	42	98	140	15' - 6"	25	13' - 11"					11,529
<b>TOTAL PIER 1 WEIGHT</b>											59,970

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	
<b>PIER 2</b>											
F501 THRU F518, F520, F521 AND F523 THRU F533 NOT USED IN PIER 2 (F519 AND F522 NOT USED)											
F534	12	36	48	4' - 4"	ST.	4' - 4"					217
F801 THRU F822 NOT USED IN PIER 2											
F823	44	99	143	17' - 7"	5	5' - 8"	2' - 7"				6,713
F824 NOT USED IN PIER 2											
F825		12	12	26' - 7"	26	24' - 9"					852
F826		24	24	25' - 10"	25	24' - 11"					1,655
F827	12		12	30' - 5"	26	28' - 7"					975
F1001	89	197	286	14' - 5"	1	1' - 6"	13' - 3"				17,742
F1002	4	12	16	11' - 3"	ST.	11' - 3"					775
P501	15		15	12' - 1"	3	1' - 1"	4' - 4"				189
P502		13	13	9' - 1"	56	3' - 2"	1' - 0"	1' - 0"			123
P503		3	3	29' - 10"	ST.	29' - 10"					93
P504 NOT USED IN PIER 2											
P505	26	74	100	3' - 8"	ST.	3' - 8"					382
P506 THRU P507 NOT USED IN PIER 2											
P508		68	68	3' - 3"	ST.	3' - 3"					231
P509	5	31	36	28' - 4"	ST.	28' - 4"					1,064
P510		5	5	19' - 2"	ST.	19' - 2"					100
P511		48	48	22' - 7"	ST.	22' - 7"					1,131
P512	46	47	93	5' - 9"	2	2' - 2"	1' - 11"				558
P513	43	106	149	9' - 9"	2	2' - 0"	4' - 0"				1,515
P514	92	26	118	3' - 0"	ST.	3' - 0"					369
P515 NOT USED IN PIER 2											
P516	28		28	28' - 11"	ST.	28' - 11"					844
P517	3		3	15' - 3"	ST.	15' - 3"					48
P518	3	3	6	16' - 3"	ST.	16' - 3"					102
P519	5		5	12' - 6"	ST.	12' - 6"					65
P520	5		5	31' - 9"	ST.	31' - 9"					166
P521	15		15	5' - 1"	2	2' - 2"	1' - 7"				80
P522	30		30	2' - 6"	ST.	2' - 6"					78
P523		10	10	19' - 10"	ST.	19' - 10"					207
P601	9	15	24	10' - 8"	5	2' - 2"	2' - 9"				383
P602	6	10	16	4' - 3"	1	1' - 8"	2' - 9"				102
P901	6	10	16	2' - 2"	ST.	2' - 2"					118
P902	15	25	40	4' - 1"	1	1' - 8"	2' - 9"				561
P1001	86		86	18' - 11"	ST.	18' - 11"					7,000
P1002		86	86	17' - 3"	ST.	17' - 3"					6,384
P1003 NOT USED IN PIER 2											
P1004	3		3	20' - 2"	ST.	20' - 2"					260
P1005		129	129	15' - 4"	ST.	15' - 4"					8,511
P1006 NOT USED IN PIER 2											
SP401	3	7	10	11' - 0"	19	3' - 2"	0' - 5"	11' - 0"			1,924 *
DS1101	42	98	140	15' - 6"	25	13' - 11"					11,529 *
<b>TOTAL PIER 2 WEIGHT</b>											59,592

\* - REINFORCING INCLUDED WITH RESPECTIVE ITEM 524 FOR PAYMENT

DESIGN AGENCY  
**ARCADIS**  
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DATE  
12/07

REVIEWED  
RBB

DRAWN  
CAF

DESIGNED  
FJC

CHECKED  
MVD

STRUCTURE FILE NUMBER  
4300750 (U)  
4300785 (R)

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

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

54/56

1516  
1679