

C:\Project\CV000048A001\Drawing\LAK\13486\bridge\LAK002_0542C\sheets\002_0542CR.L003.dgn 6/26/2008 9:37:52 AM troxberry

REINFORCING SCHEDULE												
BAR MARK	NO. REQUIRED			BAR LENGTH	BAR TYPE	DIMENSIONS					WEIGHT LBS.	
	STEP 3 #	STEP 4 #	TOTAL			A	B	C	D	E		INCR.
SUPERSTRUCTURE												
S401	543	481	1024	30' - 0"	ST.	30' - 0"						20,521
S402	72	53	125	15' - 4"	ST.	15' - 4"						1,280
S403	1	7	8	29' - 9"	9	27' - 0"	1' - 0"	2' - 7"				159
S404		8	8	16' - 0"	9	13' - 3"	1' - 0"	2' - 7"				86
S405	1	1	2	4' - 9"	9	2' - 0"	1' - 0"	2' - 7"				6
S501	607	545	1152	30' - 0"	ST.	30' - 0"						36,046
S502	76	62	138	19' - 4"	ST.	19' - 4"						2,783
S503	65	59	124	26' - 6"	ST.	26' - 6"						3,427
S504	242	242	484	6' - 10"	ST.	6' - 10"						3,450
S505	243	243	486	10' - 5"	31	0' - 9"	3' - 2"	3' - 4"				5,280
S506	239	239	478	2' - 10"	2	1' - 1"	1' - 0"					1,413
S507	240	240	480	5' - 2"	2	1' - 5"	2' - 0"					2,587
S508	6	6	12	8' - 2"	10	0' - 6"	2' - 4"	2' - 8"				102
S509	12	12	24	3' - 0"	1	0' - 6"	2' - 8"					76
S510	21	21	42	4' - 5"	ST.	4' - 5"						193
S511	1	9	10	30' - 3"	9	27' - 6"	1' - 0"	2' - 7"				315
S512		10	10	21' - 2"	9	18' - 5"	1' - 0"	2' - 7"				221
S513	1	1	2	5' - 3"	9	2' - 6"	1' - 0"	2' - 7"				11
S514	59	44	103	8' - 3"	2	2' - 6"	3' - 0"					886
S515	55	44	99	15' - 7"	5	3' - 4"	4' - 2"					1,605
S516	3	14	17	8' - 1"	2	2' - 4"	3' - 0"					143
S517	3	14	17	15' - 3"	5	3' - 2"	4' - 2"					270
S518	4		4	10' - 11"	5	3' - 4"	1' - 10"					45
S519	4		4	8' - 9"	5	3' - 4"	0' - 9"					36
S601	892	892	1784	30' - 0"	ST.	30' - 0"						80,387
SERIES S602	2 SETS OF 19	2 SETS OF 19	4 SETS OF 19	5' - 5" TO 29' - 0"	ST.	5' - 5" TO 29' - 0"					1'-3 3/4"	1,964
SERIES S603	2 SETS OF 13		2 SETS OF 13	5' - 1" TO 20' - 10"	ST.	5' - 1" TO 20' - 10"					1'-3 3/4"	506
SERIES S604		2 SETS OF 7	2 SETS OF 7	5' - 8" TO 13' - 6"	ST.	5' - 8" TO 13' - 6"					1'-3 5/8"	202
SERIES S605	2 SETS OF 21	2 SETS OF 21	4 SETS OF 21	2' - 9" TO 29' - 0"	ST.	2' - 9" TO 29' - 0"					1'-3 3/4"	2,003
S606	904		904	22' - 3"	ST.	22' - 3"						30,211
SERIES S607	2 SETS OF 13		2 SETS OF 13	5' - 8" TO 21' - 5"	ST.	5' - 8" TO 21' - 5"					1'-3 3/4"	529
SERIES S608		2 SETS OF 6	2 SETS OF 6	5' - 10" TO 12' - 6"	ST.	5' - 10" TO 12' - 6"					1'-4"	165
S609		916	916	13' - 9"	ST.	13' - 9"						18,918
S801	24		24	25' - 8"	ST.	25' - 8"						1,645
S802		28	28	23' - 1"	ST.	23' - 1"						1,726
S803	28		28	10' - 0"	51	10' - 0"						748
S804		28	28	12' - 4"	50	12' - 4"						922
S805	2		2	17' - 6"	ST.	17' - 6"						93
S806	2		2	13' - 10"	ST.	13' - 10"						74
S807	4		4	8' - 2"	ST.	8' - 2"						87
S808	2		2	14' - 10"	ST.	14' - 10"						79
S809	2		2	16' - 8"	ST.	16' - 8"						89
S810	24		24	26' - 4"	ST.	26' - 4"						1,687
S811		28	28	22' - 4"	ST.	22' - 4"						1,670
S812	50	64	114	5' - 5"	13	3' - 2"	1' - 0"	1' - 0"				1,661
R501	64	64	128	30' - 0"	ST.	30' - 0"						4,005
R502	8	8	16	19' - 4"	ST.	19' - 4"						323
R503	18	18	36	7' - 8"	10	0' - 6"	2' - 4"	2' - 5"				288
R504	36	36	72	2' - 10"	1	0' - 6"	2' - 5"	-				210
R505	6	6	12	8' - 2"	10	0' - 6"	2' - 4"	2' - 8"				102
R506	12	12	24	3' - 0"	1	0' - 6"	2' - 8"					76
TOTAL SUPERSTRUCTURE WEIGHT (LBS.) =												231,311

REINFORCING SCHEDULE												
BAR MARK	NO. REQUIRED			BAR LENGTH	BAR TYPE	DIMENSIONS					WEIGHT LBS.	
	STEP 3 #	STEP 4 #	TOTAL			A	B	C	D	E		INCR.
PIER												
F901	33	33	66	12' - 9"	1	1' - 3"	11' - 7"					562
F801 THRU F806 NOT USED IN PIER												
F807	88	83	171	13' - 6"	26	11' - 8"						6,164
F808	32	32	64	30' - 0"	ST.	30' - 0"						5,126
F809	32		32	30' - 7"	ST.	30' - 7"						2,613
F810		32	32	21' - 0"	ST.	21' - 0"						1,794
SP401	3	3	6	18' - 10"	19	2' - 6"	4 1/2"	18' - 10"				1,943
P501	260	192	452	8' - 10"	2	1' - 9"	3' - 8"					4,164
P502		40	40	8' - 2"	2	1' - 9"	3' - 4"					341
P503		8	8	22' - 5"	ST.	22' - 5"						187
P504	8		8	22' - 10"	ST.	22' - 10"						191
P601	6	6	12	11' - 8"	5	2' - 8"	2' - 9"					210
P602	4	4	8	4' - 3"	1	1' - 8"	2' - 9"					51
P901	33	33	66	22' - 8"	ST.	22' - 8"						5,086
P902	10	10	20	4' - 1"	1	1' - 8"	2' - 9"					280
P1001		16	16	26' - 6"	ST.	26' - 6"						1,824
P1002		10	10	20' - 0"	25	18' - 7"						861
P1003		16	16	28' - 5"	ST.	28' - 5"						1,956
P1004		4	4	37' - 9"	ST.	37' - 9"						650
P1005		10	10	34' - 6"	ST.	34' - 6"						1,485
P1006	6		6	13' - 5"	25	12' - 0"						346
P1007	10		10	20' - 11"	25	19' - 6"						900
P1008	10		10	40' - 6"	1	37' - 4"	3' - 6"					1,743
TOTAL PIER WEIGHT (LBS.) =												38,478

- STAGE 1, PHASE B CONSTRUCTION

NOTES

1. FOR ADDITIONAL NOTES AND DETAILS SEE SHEET [44][47].

DESIGN AGENCY
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DESIGNED RBB CHECKED CMD	DRAWN MPB REVISED	REVIEWED FJG STRUCTURE FILE NUMBER 4300823
DATE 6/06		

REINFORCING SCHEDULE
 BRIDGE NO. LAK-2-0542
 LOST NATION ROAD OVER STATE ROUTE 2

LAK-2-3.32
PID 13486

46 / 47

1592
 1679