

C:\Project\CV000048A001\Drawing\LAK\13486\bridge\LAK002\_0542C\sheets\002\_0542CR004.dgn 6/26/2008 9:38:33 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.	
<b>REAR APPROACH SLAB</b>												
AS501		124	124	26' - 11"	ST.	26' - 11"						3,481
AS502		1	1	22' - 8"	ST.	22' - 8"						24
AS503		1	1	19' - 8"	ST.	19' - 8"						21
SERIES		1 SET	1 SET	19' - 8" TO	ST.	19' - 10" TO					1'-8 5/8"	93
AS504		OF 4	OF 4	25' - 0"		25' - 0"						
AS505	39	30	69	6' - 9"	ST.	6' - 9"						486
AS506	30	30	60	3' - 4"	2	1' - 7"	1' - 0"					209
AS507	33	27	60	3' - 7"	2	1' - 10"	1' - 0"					224
AS508	20	27	47	29' - 8"	ST.	29' - 8"						1,454
SERIES		1 SET	1 SET	27' - 6" TO	ST.	27' - 6" TO					7 3/8"	119
AS509		OF 4	OF 4	29' - 4"		29' - 4"						
AS510		3	3	27' - 4"	ST.	27' - 4"						86
SERIES		1 SET	1 SET	27' - 6" TO	ST.	27' - 6" TO					4 3/4"	178
AS511		OF 6	OF 6	29' - 6"		29' - 6"						
<b>AS512 NOT USED IN REAR APPROACH SLAB</b>												
AS513	130		130	23' - 4"	ST.	23' - 4"						3,164
SERIES	1 SET		1 SET	29' - 9" TO	ST.	29' - 9" TO					6 1/2"	161
AS514	OF 5		OF 5	31' - 11"		31' - 11"						
AS515	3		3	32' - 0"	ST.	32' - 0"						100
SERIES	1 SET		1 SET	29' - 9" TO	ST.	29' - 9" TO					4 5/8"	192
AS516	OF 6		OF 6	31' - 8"		31' - 8"						
<b>AS517 THRU AS519 NOT USED IN REAR APPROACH SLAB</b>												
AS520	7	7	14	8' - 4"	9	6' - 11"	0' - 6"	1' - 4"				121
AS521	7	7	14	8' - 3"	ST.	8' - 3"						120
AS522	14		14	27' - 2"	ST.	27' - 2"						397
AS523		14	14	22' - 7"	ST.	22' - 7"						330
AS524	4	4	8	8' - 2"	10	0' - 6"	2' - 4"	2' - 8"				68
AS525	8	8	16	3' - 0"	1	0' - 6"	2' - 8"	-				51
AS526	6	6	12	7' - 8"	10	0' - 6"	2' - 4"	2' - 5"				96
AS527	12	12	24	2' - 10"	1	0' - 6"	2' - 5"					70
AS528	7	7	14	4' - 9"	ST.	4' - 9"						69
<b>AS529 THRU AS530 NOT USED IN REAR APPROACH SLAB</b>												
AS601	37	32	69	10' - 5"	31	0' - 9"	3' - 3"	3' - 5"				1,080
AS602	3	3	6	5' - 1"	1	1' - 10"	3' - 5"					46
AS603	3	3	6	4' - 11"	1	1' - 10"	3' - 3"					44
AS1001	55	74	129	31' - 1"	25	29' - 8"						17,254
SERIES		1 SET	1 SET	28' - 11" TO	25	27' - 6" TO					2 3/8"	1,416
AS1002		OF 11	OF 11	30' - 11"		29' - 6"						
AS1003		2	2	28' - 9"	25	27' - 4"						247
AS1004	2		2	33' - 4"	25	31' - 11"						287
SERIES	1 SET		1 SET	31' - 2" TO	25	29' - 9" TO					2 1/2"	1,668
AS1005	OF 12		OF 12	33' - 5"		32' - 0"						
<b>AS1006 THRU AS1007 NOT USED IN REAR APPROACH SLAB</b>												
TOTAL REAR APPROACH SLAB WEIGHT (LBS.) =												33,355

REINFORCING SCHEDULE												
BAR MARK	NO. REQUIRED			BAR LENGTH	BAR TYPE	DIMENSIONS						WEIGHT LBS.
	STEP 3 #	STEP 4 #	TOTAL			A	B	C	D	E	INCR.	
<b>FORWARD APPROACH SLAB</b>												
AS501		130	130	26' - 11"	ST.	26' - 11"						3,650
<b>AS502 THRU AS504 NOT USED IN FORWARD APPROACH SLAB</b>												
AS505	30	39	69	6' - 9"	ST.	6' - 9"						486
AS506	30	30	60	3' - 4"	2	1' - 7"	1' - 0"					209
AS507	27	33	60	3' - 7"	2	1' - 10"	1' - 0"					224
AS508	20	27	47	29' - 8"	ST.	29' - 8"						1,454
<b>AS509 NOT USED IN FORWARD APPROACH SLAB</b>												
AS510	3		3	27' - 4"	ST.	27' - 4"						86
SERIES	1 SET		1 SET	27' - 6" TO	ST.	27' - 6" TO					4 3/4"	178
AS511	OF 6		OF 6	29' - 6"		29' - 6"						
<b>AS512 NOT USED IN FORWARD APPROACH SLAB</b>												
AS513	124		124	23' - 4"	ST.	23' - 4"						3,018
<b>AS514 NOT USED IN FORWARD APPROACH SLAB</b>												
AS515		3	3	32' - 0"	ST.	32' - 0"						100
SERIES		1 SET	1 SET	29' - 9" TO	ST.	29' - 9" TO					4 5/8"	192
AS516		OF 6	OF 6	31' - 8"		31' - 8"						
AS517	1		1	16' - 3"	ST.	16' - 3"						17
AS518	1		1	19' - 3"	ST.	19' - 3"						20
SERIES	1 SET		1 SET	16' - 5" TO	ST.	16' - 5" TO					1'-8 3/8"	79
AS519	OF 4		OF 4	21' - 6"		21' - 6"						
AS520	7	7	14	8' - 4"	9	6' - 11"	0' - 6"	1' - 4"				121
AS521	7	7	14	8' - 3"	ST.	8' - 3"						120
AS522		14	14	27' - 2"	ST.	27' - 2"						397
AS523	14		14	22' - 7"	ST.	22' - 7"						330
AS524	4	4	8	8' - 2"	10	0' - 6"	2' - 4"	2' - 8"				68
AS525	8	8	16	3' - 0"	1	0' - 6"	2' - 8"	-				51
AS526	6	6	12	7' - 8"	10	0' - 6"	2' - 4"	2' - 5"				96
AS527	12	12	24	2' - 10"	1	0' - 6"	2' - 5"					70
AS528	7	7	14	4' - 9"	ST.	4' - 9"						69
SERIES	1 SET		1 SET	27' - 4" TO	ST.	27' - 4" TO					6 3/4"	148
AS529	OF 5		OF 5	29' - 7"		29' - 7"						
SERIES		1 SET	1 SET	29' - 9" TO	ST.	29' - 9" TO					7 5/8"	128
AS530		OF 4	OF 4	31' - 8"		31' - 8"						
AS601	32	37	69	10' - 5"	31	0' - 9"	3' - 3"	3' - 5"				1,080
AS602	3	3	6	5' - 1"	1	1' - 10"	3' - 5"					46
AS603	3	3	6	4' - 11"	1	1' - 10"	3' - 3"					44
AS1001	55	74	129	31' - 1"	25	29' - 8"						17,254
<b>AS1002 NOT USED IN FORWARD APPROACH SLAB</b>												
AS1003	2		2	28' - 9"	25	27' - 4"						247
AS1004		2	2	33' - 4"	25	31' - 11"						287
<b>AS1005 NOT USED IN FORWARD APPROACH SLAB</b>												
SERIES	1 SET		1 SET	28' - 9" TO	25	27' - 4" TO					2 3/8"	1,541
AS1006	OF 12		OF 12	30' - 11"		29' - 6"						
SERIES		1 SET	1 SET	31' - 2" TO	25	29' - 9" TO					2 3/8"	1,523
AS1007		OF 11	OF 11	33' - 2"		31' - 9"						
TOTAL FORWARD APPROACH SLAB WEIGHT (LBS.) =												33,332

# - STAGE 1, PHASE B CONSTRUCTION

NOTES

1. FOR ADDITIONAL NOTES AND DETAILS SEE SHEET 44/47.

DESIGN AGENCY: **ARCADIS**  
 ARCADIS, a subsidiary of Hochtief AG, is a leading provider of infrastructure services and engineering solutions. We are currently seeking qualified candidates for the position of **DESIGNER** for the project **LAK-2-3.32**.  
 100 Superior Avenue, Suite 1250 Cleveland, Ohio 44114  
 Tel: 216-781-6277 Fax: 216-781-6243 www.arcadis-us.com

DATE: 6/06  
 REVISION: F JG  
 DRAWN: MPB  
 CHECKED: CMD  
 STRUCTURE FILE NUMBER: 4300823

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

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

47/47  
 1593  
 1679