

j:\LAK\13486\bridge\LAK002_0486C_sheets\02_0486CRL003.dgn 03-JUL-2008 1:52PM lntn

MARK	NUMBER			LENGTH	TYPE	DIMENSIONS					WB (LEFT) BRIDGE WEIGHT LBS.	EB (RIGHT) BRIDGE WEIGHT LBS.	TOTAL WEIGHT LBS.
	WB (LEFT) BRIDGE	EB (RIGHT) BRIDGE	TOTAL REQ'D			A	B	C	D	INC			
SUPERSTRUCTURE													
S401	475	430	905	30'- 0"	STR						9519	8617	18136
S402	95	86	181	19'- 10"	STR						1259	1139	2398
S501	555	475	1030	30'- 0"	STR						17366	14863	32229
S502	97	81	178	19'- 10"	STR						2007	1676	3683
S503		364	364	26'- 0"	STR							9871	9871
S504		371	371	20'- 10"	STR							8062	8062
S505	670	1110	1780	21'- 7"	STR						15083	24988	40071
		1	1	3'- 5"									
S506		SER. OF	SER. OF	TO	STR							440	440
		29	29	25'- 8"									
		2	2	4'- 2"									
S507		SER. OF	SER. OF	TO	STR							531	531
		21	21	20'- 1"									
		2	2	4'- 10"									
S508		SER. OF	SER. OF	TO	STR							560	560
		21	21	20'- 9"									
		1	1	3'- 8"									
S509		SER. OF	SER. OF	TO	STR							421	421
		28	28	25'- 2"									
		3	3	3'- 5"									
S510		SER. OF	SER. OF	TO	STR							876	876
		23	23	20'- 11"									
S511	16	16	32	3'- 0"	STR						50	50	100
		1	1	4'- 2"									
S512		SER. OF	SER. OF	TO	STR							410	410
		27	27	24'- 11"									
		1	1	4'- 7"									
S513		SER. OF	SER. OF	TO	STR							395	395
		26	26	24'- 7"									
S514		365	365	25'- 4"	STR							9644	9644
		1	1	4'- 0"									
S515		SER. OF	SER. OF	TO	STR							284	284
		22	22	20'- 9"									
S516	327		327	28'- 7"	STR						9749		9749
S517	321		321	31'- 2"	STR						10435		10435
		4	4	4'- 0"									
S518	SER. OF		SER. OF	TO	STR						1033		1033
		20	20	20'- 9"									
		1	1	4'- 0"									
S519	SER. OF		SER. OF	TO	STR						464		464
		28	28	27'- 9"									
		1	1	3'- 10"									
S520	SER. OF		SER. OF	TO	STR						551		551
		31	31	30'- 3"									
		1	1	6'- 7"									
S521	SER. OF		SER. OF	TO	STR						448		448
		25	25	27'- 9"									
		1	1	4'- 5"									
S522	SER. OF		SER. OF	TO	STR						542		542
		30	30	30'- 3"									
S523	331		331	24'- 6"	STR						8458		8458
S524	316		316	35'- 3"	STR						11618		11618
SUPERSTRUCTURE SUB-TOTAL											88,582	82,827	171,409

MARK	NUMBER			LENGTH	TYPE	DIMENSIONS						WB (LEFT) BRIDGE WEIGHT LBS.	EB (RIGHT) BRIDGE WEIGHT LBS.	TOTAL WEIGHT LBS.	
	WB (LEFT) BRIDGE	EB (RIGHT) BRIDGE	TOTAL REQ'D			A	B	C	D	E	R				INC
SUPERSTRUCTURE															
	1		1	3'- 7"											
S525	SER. OF		SER. OF	TO	STR								718	718	
	36		36	34'- 8"											
	1		1	6'- 11"											
S526	SER. OF		SER. OF	TO	STR								319	319	
	20		20	23'- 8"											
	1		1	4'- 5"											
S527	SER. OF		SER. OF	TO	STR								707	707	
	35		35	34'- 4"											
	1		1	4'- 0"											
S528	SER. OF		SER. OF	TO	STR								354	354	
	24		24	24'- 3"											
S529	147	132	279	5'- 11"	2	2'-5"	1'-4"	2'-5"					907	815	1722
S530	4	4	8	6'-1"	2	2'-5"	1'-6"	2'-5"					25	25	50
S531	132	198	330	7'- 9"	2	2'-11"	2'-2"	2'-11"					1067	1600	2667
S532	2	6	8	7'- 7"	2	2'-8 1/2"	2'-5"	2'-8 1/2"					16	47	63
S533	34	66	100	7'- 2"	2	2'-7 1/2"	2'-2"	2'-7 1/2"					254	493	747
S534	2	2	4	7'- 2"	2	2'-6"	2'-5"	2'-6"					15	15	30
S535	4		4	7'- 10"	2	2'-10"	2'-5"	2'-10"					33	33	33
S536	66		66	8'- 1"	2	3'-1"	2'-2"	3'-1"					556	556	556
S537	32		32	7'- 5"	2	2'-9"	2'-2"	2'-9"					248	248	248
S538	14		14	6'- 11"	2	2'-6"	2'-2"	2'-6"					101	101	101
S539	NOT USED														
S540	6		6	22'- 6"	STR								141	141	141
S541	174	156	330	7'- 5"	23	1'-1"	3'-2"	3'-0"					1331	1207	2538
S542	8	8	16	24'- 0"	STR								200	200	400
S543	173	173	346	10'- 0"	23	1'-2 3/4"	4'-5"	4'-3"					2441	2441	4882
S544	NOT USED														
S545	NOT USED														
S546	NOT USED														
S547	NOT USED														
S548		6	6	5'- 6"	25	1'-8"	2'-5"	1'-4 1/4"	0'-1 1/2"	0'-5"				34	34
S549		10	10	5'- 6"	STR									57	57
S550		16	16	10'- 0"	STR									167	167
S551		4	4	6'- 7"	2	1'-5"	4'-0"	1'-5"						27	27
S552		4	4	7'-10"	29	2'-4 1/2"	4'-0"	0'-9"	1'-7"					33	33
S553		4	4	4'- 0"	STR									17	17
S554		6	6	7'- 7"	21	1'-4"	1'-9"	0'-6"	2'-0"					47	47
S555	4		4	6'- 4"	2	1'-8"	3'-3"	1'-8"					26	26	26
S556	4		4	7'-9"	29	2'-9"	3'-3"	0'-7 1/4"	1'-10"					32	32
S557	6		6	3'- 3"	STR									20	20
S558	6		6	8'- 7"	21	1'-4"	2'-0"	0'-6"	2'-6"					54	54
SUPERSTRUCTURE SUB-TOTAL											9,580	7,225	16,805		

ABBREVIATIONS:

RAD. = RADIUS
 INC. = INCREMENT
 LBS. = POUNDS
 STR. = STRAIGHT
 REQ'D = REQUIRED
 EB = EASTBOUND
 WB = WESTBOUND

NOTES:

- THE BAR SIZE NUMBER IS SPECIFIED ON THE PLANS IN THE BAR MARK COLUMN. THE FIRST DIGIT WHERE THREE DIGITS ARE USED, AND THE FIRST TWO DIGITS WHERE FOUR ARE USED, INDICATES THE BAR SIZE NUMBER. FOR EXAMPLE, P601 IS A NO. 6 BAR. BAR DIMENSIONS SHOWN ARE OUT TO OUT UNLESS OTHERWISE INDICATED. R INDICATES INSIDE RADIUS, UNLESS OTHERWISE NOTED. "STD." WRITTEN IN PLACE OF A DIMENSION INDICATES A STANDARD BEND AT THE END OF THE BAR.
- ALL REINFORCEMENT IS TO BE EPOXY COATED.
- FOR BAR BENDING DIAGRAM, SEE SHEET [69/70].

DESIGN AGENCY: PARSONS BRINCKERHOFF QUADE & DOUGLAS, INC. 614 W. SUPERIOR AVE., SUITE 400 CLEVELAND, OHIO 44115
 DATE: 6-19-08
 STRUCTURE FILE NUMBER: 4300696 (L) 4300726 (R)
 REVIEWED: RJO
 DRAWN: LEL
 DESIGNED: P.JL
 CHECKED: EBS
REINFORCING STEEL LIST
 BRIDGE NO. LAK-2-0486 L&R
 STATE ROUTE 2 OVER ERIE ROAD
LAK-2-3.32
 PID No. 13486
 66/70
 1458
 1679