

j:\LAK\13486\bridge\LAK002_0486C\sheets\002_0486CRL004.dgn 03-JUL-2008 1:53PM 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	E	INC			
SUPERSTRUCTURE														
S601		20	20	3'-10"	16	3'-2"							115	115
S602		22	22	2'-10"	14	0'-10"	0'-11"	0'-9"	0'-6"	0'-5"			94	94
S603		2	2	3'-2"		2'-6"								
		SER. OF	SER. OF	TO	16	TO						0'-1"	118	118
		11	11	4'-0"		3'-4"								
		2	2	3'-10"		3'-2"								
S604		SER. OF	SER. OF	TO	16	TO						0'-1"	140	140
		11	11	4'-8"		4'-0"								
S605		2	2	30'-1"	19	25'-11"	4'-2"	0'-4"					90	90
S606	174	156	330	3'-9"	29	1'-1"	1'-9"	1'-1"					980	879
S607	174	156	330	2'-7"	1	1'-1"	1'-8"						675	605
S608	10	7	17	30'-0"	STR								451	315
S609	1	1	2	27'-4"	STR								41	41
S610		1	1	33'-9"	STR									51
S611	NOT USED													
S612	1		1	25'-10"	STR								39	39
S613	173	173	346	2'-4"	19	1'-9"	0'-1 1/2"	0'-8"					606	606
S614	173	173	346	2'-4"	1	1'-9"	0'-8 1/2"						606	606
S615	173	173	346	1'-0"	STR								260	260
S616	173	173	346	1'-10"	19	1'-0 1/2"	0'-2 1/4"	0'-11"					476	476
S801	56	28	84	30'-0"	STR								4486	2243
S802		10	10	25'-11"	STR									692
S803		4	4	25'-0"	STR									267
S804	7	7	14	22'-11"	STR								428	428
S805	4	4	8	22'-7"	STR								241	241
S806	7	7	14	22'-2"	STR								414	414
S807	5	5	10	21'-10"	STR								291	291
S808	5	5	10	23'-3"	STR								310	310
S809		10	10	25'-7"	STR									683
S810		4	4	24'-8"	STR									263
S811	10		10	17'-3"	STR								461	461
S812	4		4	15'-5"	STR								165	165
S813	10		10	14'-0"	STR								374	374
S814	4		4	12'-2"	STR								130	130
SUPERSTRUCTURE SUB-TOTAL												12,791	11,368	24,159
BRIDGE TOTAL												110,953	101,420	212,373

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			
APPROACH SLAB											
AS501	114	114	228	23'-0"	STR.				2,735	2,735	5,470
AS502	114		114	31'-1"	STR.				3,696		3,696
AS503	114		114	33'-1"	STR.				3,934		3,934
AS504	98	84	182	24'-6"	STR.				2,504	2,146	4,650
AS505	1		1	23'-8"	STR.				25		25
AS506	1	229	230	25'-2"	STR.				26	6,011	6,037
AS507	1		1	24'-11"	STR.				26		26
AS508	1	1	2	25'-6"	STR.				27	27	54
AS509	56		56	7'-5"	23	1'-1"	3'-2"	3'-0"	433		433
AS510	12		12	24'-4"	STR.				305		305
AS511	61	61	122	10'-0"	23	1'-2 3/4"	4'-5"	4'-3"	636	636	1272
AS512	4	4	8	26'-5"	STR.				110	110	220
AS513	4	4	8	25'-7"	STR.				107	107	214
AS514	4	4	8	25'-6"	STR.				106	106	212
AS515	4	4	8	24'-8"	STR.				103	103	206
AS601	28		28	3'-9"	29	1'-1"	1'-9"	1'-1"	316		316
AS602	28		28	2'-7"	1	1'-1"	1'-8"		217		217
AS603	2		2	24'-4"	STR				73		73
AS604	61	61	122	2'-4"	19	1'-9"	0'-1 1/2"	0'-8"	214	214	428
AS605	61	61	122	2'-4"	1	1'-9"	0'-8 1/2"		214	214	428
AS606	61	61	122	1'-0"	STR				92	92	184
AS607	61	61	122	1'-10"	19	1'-0 1/2"	0'-2 1/4"	0'-11"	168	168	336
AS608	1	1	2	26'-0"	STR				39	39	78
AS609	1	1	2	25'-1"	STR				38	38	76
AS1001	244	207	451	25'-11"	16	24'-6"			27,211	23,085	50,296
AS1002	1		1	25'-1"	16	23'-8"			108		108
AS1003	1	1	2	26'-7"	16	25'-2"			114	114	228
AS1004	2	1	3	26'-4"	16	24'-11"			227	113	340
AS1005	1	1	2	26'-11"	16	25'-6"			116	116	232
AS1006	1	1	2	27'-3"	16	25'-10"			117	117	234
AS1007	1	1	2	27'-6"	16	26'-1"			118	118	236
AS1008	2		2	25'-9"	16	24'-4"			222		222
AS1009	1		1	25'-4"	16	23'-11"			109		109
APPROACH SLAB TOTAL									44,486	36,409	80,895
FOR INFORMATION ONLY. NOT INCLUDED WITH ITEM 509.											

NOTES:

1. 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.
2. ALL REINFORCEMENT IS TO BE EPOXY COATED.
3. FOR LIST OF ABBREVIATIONS, SEE SHEET [66/70].
4. FOR BAR BENDING DIAGRAM, SEE SHEET [69/70].

REINFORCING STEEL LIST

BRIDGE NO. LAK-2-0486 L&R
STATE ROUTE 2 OVER ERIE ROAD

LAK-2-3.32
PID No. 13486

67/70

1459
1679

DESIGN AGENCY
PARSONS BRINCKERHOFF
QUADE & DOUGLAS, INC.
614 W. SUPERIOR AVE., SUITE 400
CLEVELAND, OHIO 44115

DATE
6-19-08

REVIEWED
RJO

DRAWN
LEL

DESIGNED
P.JL

CHECKED
EBS

STRUCTURE FILE NUMBER
4300696 (L) 4300726 (R)