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REINFORCING SCHEDULE										
BAR MARK	NO. REQUIRED TOTAL	BAR LENGTH	BAR TYPE	DIMENSIONS						WEIGHT LBS.
				A	B	C	D	E	INCR.	
<b>REAR ABUTMENT</b>										
A501	48	30' - 5"	ST.	30' - 5"						1,523
A502	40	12' - 6"	14	3' - 5"	1' - 10"	2' - 10"	2' - 10"	3' - 6"		520
SERIES	1 SET	22' - 11"	14	3' - 5"	6' - 0"	2' - 10"	2' - 10"	9' - 9"		
A503	OF 14	TO 24' - 9"			TO 6' - 11"			TO 10' - 8"	1 3/4"	348
A504	2	18' - 7"	2	1' - 8"	8' - 7"					39
A505	2	9' - 0"	ST.	9' - 0"						19
SERIES	1 SET	12' - 11"	ST.	12' - 11"					10"	59
A506	OF 4	TO 15' - 5"								
A507	3	15' - 5"	ST.	15' - 5"						48
A508	3	12' - 11"	ST.	12' - 11"						40
A509	60	19' - 2"	ST.	19' - 2"						1,199
A510	12	6' - 0"	4	3' - 2"	2' - 5"	1' - 9"				75
A511	36	7' - 11"	2	1' - 2"	3' - 6"					297
A512	1	8' - 9"	2	1' - 4"	3' - 10"					9
<b>A513 THRU A520 NOT USED IN REAR ABUTMENT</b>										
A521	4	4' - 2"	ST.	4' - 2"						17
A522	56	12' - 5"	ST.	12' - 5"						725
A523	36	20' - 11"	ST.	20' - 11"						785
<b>A524 NOT USED IN REAR ABUTMENT</b>										
<b>A801 THRU A803 NOT USED IN REAR ABUTMENT</b>										
A804	109	15' - 7"	ST.	15' - 7"						4,535
A805	71	21' - 2"	ST.	21' - 2"						4,013
A806	10	26' - 0"	ST.	26' - 0"						694
F501	32	29' - 2"	ST.	29' - 2"						973
<b>F502 THRU F503 NOT USED IN REAR ABUTMENT</b>										
F504	32	30' - 0"	ST.	30' - 0"						1,001
F505	24	13' - 1"	5	3' - 8"	2' - 7"					326
F506	6	24' - 11"	ST.	24' - 11"						156
F507	4	7' - 0"	ST.	7' - 0"						29
SERIES	2 SETS	3' - 10"	25	3' - 3"					8 3/8"	274
F508	OF 15	TO 13' - 8"		TO 13' - 1"						
<b>F509 NOT USED IN REAR ABUTMENT</b>										
F510	2	20' - 7"	ST.	20' - 7"						43
<b>F511 THRU F513 NOT USED IN REAR ABUTMENT</b>										
F514	92	12' - 5"	1	1' - 6"	11' - 0"					1,187
<b>F801 NOT USED IN REAR ABUTMENT</b>										
F802	155	16' - 6"	26	14' - 8"						6,829
SERIES	1 SET	5' - 8"	26	3' - 10"					1' - 4 5/8"	224
F803	OF 8	TO 15' - 4"		TO 13' - 6"						
SERIES	1 SET	5' - 8"	26	3' - 10"					8 1/4"	463
F804	OF 16	TO 16' - 0"		TO 14' - 2"						
F805	4	3' - 3"	ST.	3' - 3"						35
F806	4	24' - 11"	ST.	24' - 11"						266
F807	180	12' - 6"	1	2' - 0"	10' - 8"					5,987
<b>F808 THRU F813 NOT USED IN REAR ABUTMENT</b>										
SP402	21	13' - 10"	19	2' - 6"	0' - 5"	13' - 10"				2,715 *
DS1001	210	18' - 2"	25	16' - 9"						16,416 *
<b>TOTAL REAR ABUTMENT WEIGHT (LBS.)</b>										<b>32,742</b>

\* - REINFORCING INCLUDED WITH RESPECTIVE ITEM 524 FOR PAYMENT

REINFORCING SCHEDULE										
BAR MARK	NO. REQUIRED TOTAL	BAR LENGTH	BAR TYPE	DIMENSIONS						WEIGHT LBS.
				A	B	C	D	E	INCR.	
<b>FORWARD ABUTMENT</b>										
<b>A501 THRU A504 NOT USED IN FORWARD ABUTMENT</b>										
A505	28	9' - 0"	ST.	9' - 0"						263
<b>A506 THRU A510 NOT USED IN FORWARD ABUTMENT</b>										
A511	32	7' - 11"	2	1' - 2"	3' - 6"					264
A512	1	8' - 9"	2	1' - 4"	3' - 10"					9
A513	89	19' - 8"	ST.	19' - 8"						1,826
A514	12	20' - 10"	ST.	20' - 10"						261
A515	21	12' - 5"	14	3' - 5"	1' - 10"	2' - 10"	2' - 10"	3' - 5"		271
A516	22	13' - 3"	14	3' - 5"	2' - 3"	2' - 10"	2' - 10"	3' - 10"		303
SERIES	1 SET	19' - 1"	14	3' - 5"	5' - 2"	2' - 10"	2' - 10"	6' - 9"	1 1/4"	1,026
A517	OF 46	TO 23' - 9"		TO 7' - 6"				TO 9' - 1"		
A518	32	24' - 3"	ST.	24' - 3"						809
A519	72	17' - 11"	ST.	17' - 11"						1,345
A520	14	5' - 6"	9	2' - 6"	2' - 4"	1' - 11"				80
<b>A521 THRU A523 NOT USED IN FORWARD ABUTMENT</b>										
A524	94	30' - 0"	ST.	30' - 0"						2,941
A801	10	28' - 9"	ST.	28' - 9"						768
A802	177	19' - 8"	ST.	19' - 8"						9,294
A803	60	24' - 3"	ST.	24' - 3"						3,885
<b>A804 THRU A806 NOT USED IN FORWARD ABUTMENT</b>										
<b>F501 NOT USED IN FORWARD ABUTMENT</b>										
F502	6	28' - 3"	ST.	28' - 3"						177
F503	32	22' - 8"	ST.	22' - 8"						757
F504	64	30' - 0"	ST.	30' - 0"						2,003
F505	26	13' - 1"	5	3' - 8"	2' - 7"					354
<b>F506 THRU F508 NOT USED IN FORWARD ABUTMENT</b>										
SERIES	2 SETS	4' - 1"	ST.	4' - 1"					9 1/4"	330
F509	OF 16	TO 15' - 8"		TO 15' - 8"						
<b>F510 NOT USED IN FORWARD ABUTMENT</b>										
F511	89	8' - 0"	1	1' - 6"	6' - 7"					739
F512	2	13' - 2"	ST.	13' - 2"						27
F513	32	11' - 11"	1	1' - 6"	10' - 6"					396
<b>F514 NOT USED IN FORWARD ABUTMENT</b>										
F801	60	11' - 4"	1	1' - 6"	10' - 0"					1,809
F802	258	16' - 6"	26	14' - 8"						11,366
<b>F803 THRU F807 NOT USED IN FORWARD ABUTMENT</b>										
SERIES	1 SET	7' - 7"	26	5' - 9"					7 3/8"	477
F808	OF 15	TO 16' - 3"		TO 14' - 5"						
SERIES	1 SET	7' - 7"	26	5' - 9"					1' - 2 7/8"	255
F809	OF 8	TO 16' - 3"		TO 14' - 5"						
F810	177	12' - 8"	1	2' - 0"	10' - 10"					5,966
F811	4	28' - 3"	ST.	28' - 3"						302
<b>F812 THRU F813 NOT USED IN FORWARD ABUTMENT</b>										
SP402	26	13' - 10"	19	2' - 6"	0' - 5"	13' - 10"				3,361 *
DS1001	260	18' - 2"	25	16' - 9"						20,325 *
<b>TOTAL FORWARD ABUTMENT WEIGHT (LBS.)</b>										<b>48,304</b>

NOTE

1. FOR REINFORCING BAR DIAGRAM AND NOTES SEE SHEET 28/28 .

DESIGN AGENCY  
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DATE  
6/07

REVIEWED  
RBB

DRAWN  
CAF

DESIGNED  
FJC

CHECKED  
MVD

STRUCTURE FILE NUMBER  
4300750

REINFORCING SCHEDULE

BRIDGE NO. LAK-2-0530 EN

RAMP D OVER CHAGRIN RIVER

**LAK-2-3.32**

**PID 13486**

26/28

1544  
1679