

LAK-90-3.28  
LAKE COUNTY

MARK	No. REQD.	LGTH.	TYPE	DIMENSIONS				INCRM.	WEIGHT LBS.
				A	B	C	D		
<b>ABUTMENT 1</b>									
1EA 407	4	3-7	1	0-8	3-0				9
1EA 501	18	30-0	ST						563
1EA 502	8	19-2	ST						160
1EA 503	1	26-6	ST						28
1EA 504	8	6-11	ST						58
1EA 505	1	4-3	ST						4
1EA 506	4	24-6	ST						102
1EA 507	1	27-6	ST						29
1EA 508	60	2-5	1	1-6	1-0				149
1EA 509	70	1-11	ST						140
1EA 510	50	3-8	ST						191
1EA 511	33	6-5	8	1-6	2-2	1-1	2-0		219
1EA 512	33	4-5	2	1-6	1-8				152
1EA 513	7	25-4	ST						185
1EA 514	7	23-7	ST						172
1EA 601	95	12-0	3	4-6	0-10	7-0			1712
1EA 602	96	6-6	1	1-2	5-6				937
1EA 603	1	12-0	2	5-6	1-4				18
1EA 604	5	4-10	2	2-2	0-10				36
1EA 605	8	2-8	1	1-2	1-8				32
1EA 606	2	5-4	2	2-2	1-4				16
1EA 607	2	4-10	3	1-8	1-4				15
1EA 608	4	13-2	3	4-10	0-10	7-10			79
1EA 609	1	3-3	1	1-2	2-3				5
1EA 620	20	7-0	ST						210
1EA 801	45	5-0	19	1-0	2-3	2-3	1-0		603
<b>TOTAL ABUTMENT 1 =</b>									<b>5824</b>

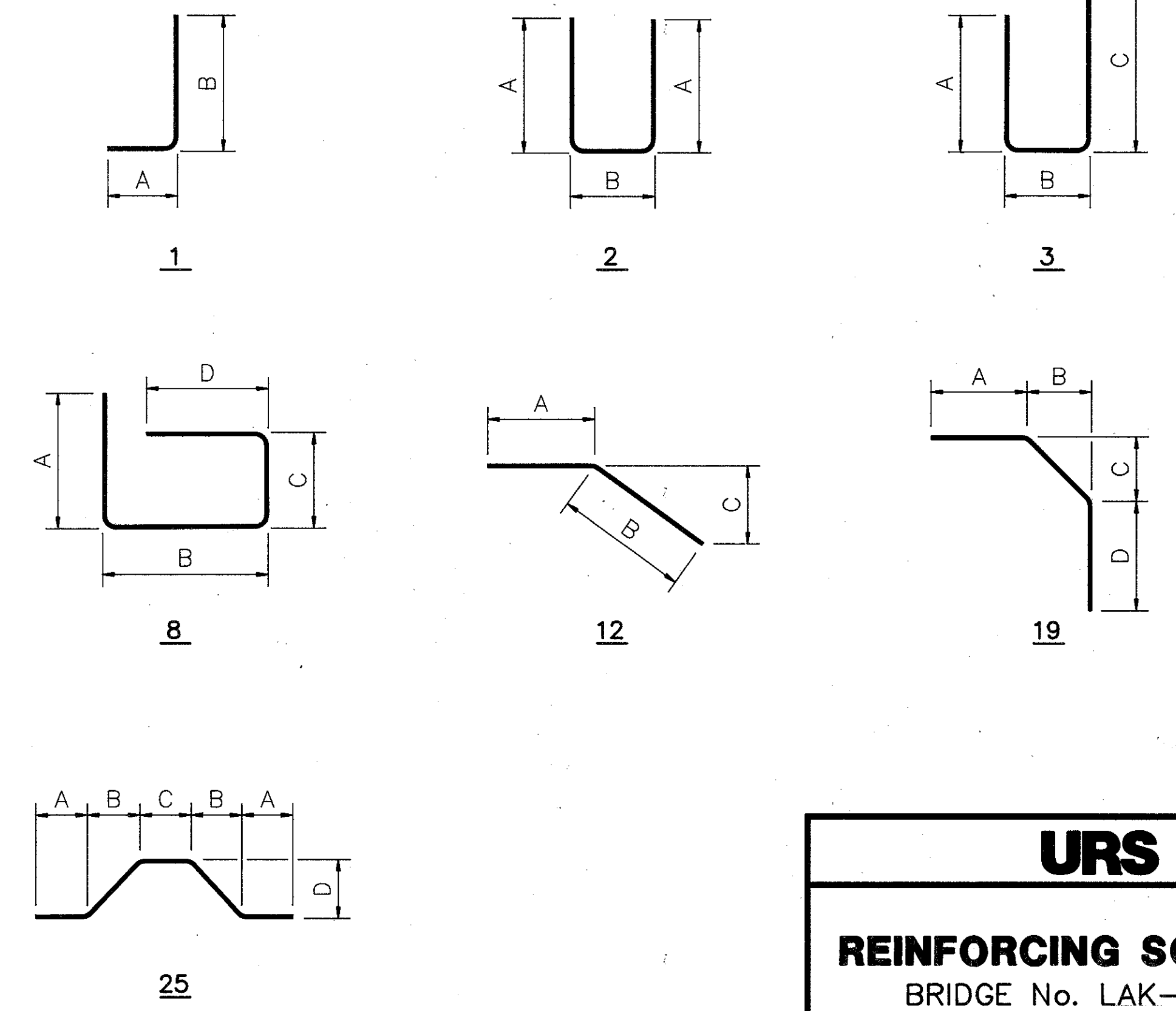
<b>ABUTMENT 2</b>									
2EA 407	4	3-7	1	0-8	3-0				9
2EA 501	18	30-0	ST						563
2EA 502	8	19-0	ST						159
2EA 503	1	26-3	ST						27
2EA 504	6	6-11	ST						43
2EA 505	3	4-3	ST						13
2EA 506	8	24-6	ST						204
2EA 507	1	27-6	ST						29
2EA 511	34	6-5	8	1-6	2-2	1-1	2-0		226
2EA 512	34	4-5	2	1-6	1-8				157
2EA 515	7	24-3	ST						177
2EA 516	7	25-11	ST						189
2EA 517	4	3-11	ST						16
2EA 518	4	9-10	2	3-11	2-3				41
2EA 519	4	11-10	25	1-0	2-11	1-4	3-3		49
2EA 601	95	11-8	3	4-6	0-10	6-8			1665
2EA 602	96	6-4	1	1-2	5-4				913
2EA 603	1	11-8	2	5-4	1-4				18
2EA 604	5	4-2	2	1-10	0-10				31
2EA 605	6	2-4	1	1-2	1-4				21
2EA 606	2	4-8	2	1-10	1-4				14
2EA 607	2	4-6	3	1-8	1-4	1-10			14
2EA 608	4	12-10	3	4-10	0-10	7-6			77
2EA 609	1	3-0	1	1-2	2-0				5
2EA 610	2	5-0	1	2-8	2-6				15
2EA 611	2	5-8	1	2-8	3-2				17
2EA 612	2	5-11	1	2-8	3-5				18
2EA 613	2	5-0	1	3-2	2-0				15
2EA 614	2	5-8	1	3-2	2-8				17
2EA 615	2	5-11	1	3-2	2-11				18
2EA 616	2	2-0	1	1-2	1-0				6
2EA 620	20	7-0	ST						210
2EA 801	45	4-9	19	1-0	2-1	2-1	1-0		574
<b>TOTAL ABUTMENT 2 =</b>									<b>5550</b>

MARK	No. REQD.	LGTH.	TYPE	DIMENSIONS				INCRM.	WEIGHT LBS.
				A	B	C	D		
<b>SUPERSTRUCTURE</b>									
ES 401	2344	30-0	ST						46974
ES 402	108	26-6	ST						1912
ES 403	880	26-10	ST						15774
SERIES	1-SET	9-6	ST						5
DF	DF 4=	TO	ST					0-9--	29
ES 404	4	11-10	ST						16
ES 405	8	24-7	12	23-0	1-7	0-1			131
SERIES	1-SET	15-0	ST						5
DF	DF 4=	TO	ST					0-9--	43
ES 406	4	17-4	ST						16
ES 407	982	2-8	1	0-8	2-1				1722
ES 501	1512	30-0	ST						47310
ES 502	72	35-3	ST						2647
ES 503	933	41-3	ST						40141
SERIES	1-SET	6-4	ST						1
DF	DF 58=	TO	ST					0-7--	1427
ES 504	58	40-10	ST						4
SERIES	1-SET	5-10	ST						1
DF	DF 57=	TO	ST					0-7--	1353
ES 505	57	39-8	ST						4
ES 506	937	38-7	ST						37707
SERIES	1-SET	5-0	ST						5
DF	DF 55=	TO	ST					0-7--	1229
ES 507	55	37-10	ST						16
SERIES	1-SET	5-7	ST						1
DF	DF 53=	TO	ST					0-7--	1177
ES 508	53	37-0	ST						4
ES 509	10	8-3	12	6-0	2-4	1-7			86
SERIES	1-SET	6-3	ST						1
DF	DF 9=	TO	ST					0-1	56
ES 510	9	5-7	ST						4
SERIES	1-SET	5-0	ST						1
DF	DF 7=	TO	ST					0-1	35
ES 511	7	4-6	2						2347
ES 512	1000	2-3	2	0-6	1-6				5910
ES 513	1000	5-8	ST						2082
ES 514	998	2-0	2	0-6	1-3				28
ES 515	6	4-6	ST						188
ES 516	30	6-0	ST						82
ES 517	20	3-11	ST						205
ES 518	20	9-10	2	3-11	2-3				166
ES 519	20	8-0	25	0-6	2-1	1-4	2-1		57806
ES 601	933	41-3	ST						54418
ES 602	937	38-8	ST						1
SERIES	1-SET	6-4	ST						2054
DF	DF 58=	TO	ST					0-7--	4
ES 603	58	40-10	ST						1
SERIES	1-SET	5-10	ST						1948
DF	DF 57=	TO	ST					0-7--	4
ES 604	57	39-8	ST						1
SERIES	1-SET	5-2	ST						1776
DF	DF 55=	TO	ST					0-7--	4
ES 605	55	37-10	ST						1
SERIES	1-SET	5-7	ST						1695
DF	DF 53=	TO	ST					0-7--	4
ES 606	53	37-0	ST						124
ES 607	10	8-3	12	6-0	2-4	1-7			80
SERIES	1-SET	6-3	ST						1
DF	DF 9=	TO	ST					0-1	50
ES 608	9	5-7	ST						1
SERIES	1-SET	5-0	ST						50
DF	DF 7=	TO	ST					0-1	270
ES 609	7	4-6	ST						
ES 610	30	6-0	ST						
<b>TOTAL SUPERSTRUCTURE =</b>									<b>330982</b>

MARK	No. REQD.	LGTH.	TYPE	DIMENSIONS				INCRM.	WEIGHT LBS.
				A	B	C	D		
<b>RAILING</b>									
ER 551	1084	7-5	5	0-8	3-1				
ER 552	12	14-0	ST						
ER 553	456	7-0	ST						
ER 554	252	14-6	ST						
ER 555	12	10-6	ST						
ER 556	20	3-2	2	0-7	2-3				
ER 557	15	8-0	25	0-6	2-1	1-4	2-1		
ER 558	6	25-3	ST						
ER 559	6	24-3	ST						
ER 560	6	23-6	ST						
ER 561	6	25-11	ST						

ITEM 509  
EPOXY COATED REINFORCING STEEL  
GRADE 60

ABUTMENT	11374
SUPERSTRUCTURE	330982
<b>TOTAL</b>	<b>342356</b>



**URS**

15/16

**REINFORCING SCHEDULE**

BRIDGE No. LAK-90-0328  
S.R. 91 OVER I-90  
LAKE COUNTY WILLoughby HILLS  
STA. 26+74.51 TO STA. 33+04.07

DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE	REVISED
ALH	M.E.					