

REINFORCING SCHEDULE

PIER LT. AND RT.: PHASE I

MARK	NUMBER REQUIRED	LENGTH ft in	WEIGHT (lbs.)	TYPE	DIM A	DIM B	DIM C	DIM D	INCREMENT	
					ft in	ft in	ft in	ft in	ft in	ft in
P 401	16	24 8	264	STR						
P 403	16	5 6	60	5	2 8	1 6				
P 601	16	5 10	140	5	2 2	2 0				
P 602	52	3 4	260	STR						
P 603	64	4 2	400	4	1 0	3 4				
P 604	64	11 0	1058	5	4 8	3 4				
P 605	168	8 0	2018	5	2 0	3 2				
P 606	16	2 6	60	STR						
P 1001	32	11 4	1560	4	2 0	9 8				
P 1002	32	15 11	2192	1	14 6					
P 1003	20	12 4	1062	2	9 6					
P 1004	16	14 4	986	2	11 6					
* P 1005	32	27 6	3786	STR						
P 1006	10	24 8	1062	STR						
P 1007	6	29 8	766	29	24 2	3 3	0 4	2 11		
P 1008	10	30 8	1320	29	24 8	3 6	0 4	3 2		
TOTAL WEIGHT:			16994							

PIER LT. AND RT.: PHASE I SPIRAL REINFORCEMENT

MARK	NUMBER REQ'D	LENGTH ft in	WEIGHT lbs	CORE in	PITCH in
SP 401	4	12 7	850	30	4 1/2
SPACERS AT 3.20 LBS/L.F			82		
TOTAL WEIGHT:			932		

PIER LT. AND RT.: PHASE II

MARK	NUMBER REQUIRED	LENGTH ft in	WEIGHT (lbs.)	TYPE	DIM A	DIM B	DIM C	DIM D	INCREMENT	
					ft in	ft in	ft in	ft in	ft in	ft in
P 402	16	26 2	280	STR						
P 404	16	5 6	60	5	2 8	1 6				
P 601	32	5 10	280	5	2 2	2 0				
P 602	108	3 4	540	STR						
P 603	24	4 2	150	4	1 0	3 4				
P 604	66	11 0	1090	5	4 8	3 4				
P 605	184	8 0	2210	5	2 0	3 2				
P 1001	32	11 4	1560	4	2 0	9 8				
P 1002	32	15 11	2192	1	14 6					
P 1003	8	12 4	424	2	9 6					
* P 1010	20	32 0	2754	STR						
P 1011	10	26 2	1126	STR						
P 1012	6	31 6	814	29	25 8	3 5	0 4	3 1		
P 1013	10	32 6	1398	29	26 2	3 8	0 4	3 4		
TOTAL WEIGHT:			14878							

PIER LT. AND RT.: PHASE II SPIRAL REINFORCEMENT

MARK	NUMBER REQ'D	LENGTH ft in	WEIGHT lbs	CORE in	PITCH in
SP 401	4	12 7	850	30	4 1/2
SPACERS AT 3.20 LBS/L.F			82		
TOTAL WEIGHT:			932		

DECK SLAB LT. AND RT.: PHASE I

MARK	NUMBER REQUIRED	LENGTH ft in	WEIGHT (lbs.)	TYPE	DIM A	DIM B	DIM C	DIM D	INCREMENT	
					ft in	ft in	ft in	ft in	ft in	ft in
S 401	420	30 0	8416	STR						
S 402	70	17 6	818	STR						
S 501	360	30 0	11264	STR						
S 502	60	22 0	1376	STR						
S 503	270	2 4	658	4	0 10	1 7				
S 504	270	3 3	916	24	0 10	0 6	0 8.5	0 10		
S 505	270	6 11	1948	33						
S 506	530	28 0	15478	STR						
S 513	2 SER 8	8 7	288	STR					2 5 7/8	
S 514	2 SER 8	6 6	254	STR					2 5 7/8	
S 514		23 11								
S 601	530	28 0	22290	STR						
S 603	2 SER 8	8 7	416	STR					2 5 7/8	
S 603		26 0								
S 604	2 SER 8	6 6	366	STR					2 5 7/8	
S 604		23 11								
S 605	124	33 0	6146	STR						
TOTAL WEIGHT:			70634							

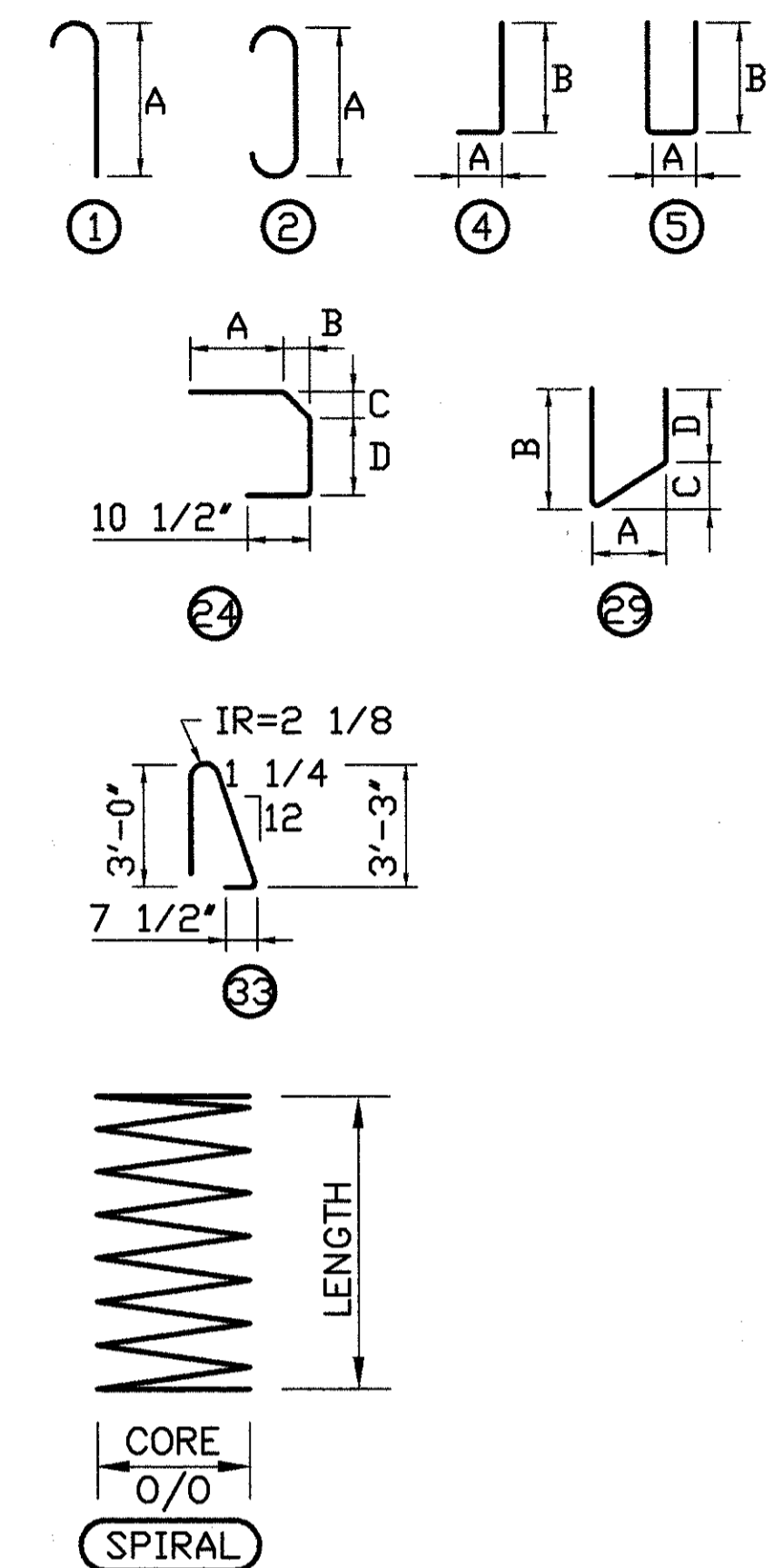
DECK SLAB LT. AND RT.: PHASE II

MARK	NUMBER REQUIRED	LENGTH ft in	WEIGHT (lbs.)	TYPE	DIM A	DIM B	DIM C	DIM D	INCREMENT	
					ft in	ft in	ft in	ft in	ft in	ft in
S 401	444	30 0	8898	STR						
S 402	74	17 6	866	STR						
S 501	360	30 0	11264	STR						
S 502	60	22 0	1376	STR						
S 503	270	2 4	658	4	0 10	1 7				
S 504	270	3 3	916	24	0 10	0 6	0 8.5	0 10		
S 505	270	6 11	1948	33						
S 507	528	29 4	16154	STR						
S 515	2 SER 9	5 6	290	STR					2 5 7/8	
S 515		25 5								
S 516	2 SER 9	8 7	348	STR					2 5 7/8	
S 516		28 6								
S 602	528	29 4	23262	STR						
S 605	136	33 0	6740	STR						
S 606	2 SER 9	5 6	418	STR					2 5 7/8	
S 606		25 5								
S 607	2 SER 9	8 7	502	STR					2 5 7/8	
S 607		28 6								
TOTAL WEIGHT:			73640							

DECK SLAB LT. AND RT.: PHASE III

MARK	NUMBER REQUIRED	LENGTH ft in	WEIGHT (lbs.)	TYPE	DIM A	DIM B	DIM C	DIM D	INCREMENT	
					ft in	ft in	ft in	ft in	ft in	ft in
S 401	48	30 0	962	STR						
S 402	8	17 6	94	STR						
S 501	36	30 0	1126	STR						
S 502	6	22 0	138	STR						
S 605	12	33 0	594	STR						
TOTAL WEIGHT:			2914							

BENDING DIAGRAMS



NOTES:

* INDICATES BAR WITH MECHANICAL SPLICE.

ALL REINFORCING STEEL SHALL BE GRADE 60, EPOXY COATED.

REINFORCING STEEL SAMPLES: REFER TO SECTIONS 106.03, 700, 709.01 THROUGH 709.05 AND 709.08. SUFFICIENT ADDITIONAL REINFORCING STEEL SHALL BE PROVIDED FOR SAMPLES. RANDOM SAMPLES SHALL BE REPLACED IN THE STRUCTURE BY THE ADDITIONAL STEEL, SPLICED IN ACCORDANCE WITH 509.08.

SPIRAL REINFORCING BARS: THE 'LENGTH' SHOWN IN THE STEEL LIST FOR THE SPIRALBARS IS THE LENGTH OF THE SPIRAL ALONG THE AXIS OF THE SPIRAL. ONE AND ONE-HALF CLOSED-COIL TURNS SHALL BE PROVIDED AT ENDS OF EACH SPIRAL UNIT. FOUR STEEL CHANNEL, TEE OR ANGLE SPACERS, WEIGHING APPROXIMATELY 0.80 LB PER LINEAR FOOT OF SPACER, SHALL BE PROVIDED FOR EACH SPIRAL UNIT. THEY SHALL BE EQUALLY SPACED ALONG THE PERIPHERY OF THE COILS. THE NUMBER OF POUNDS OF THESE SPACERS, BASED ON 3.20 LBS. PER LINEAR FOOT, WILL BE PAID FOR AS REINFORCING STEEL AND IS INCLUDED IN THE TABULATED QUANTITIES OF SPIRAL BARS.

adache-ciuni-lynn
associates
CONSULTING ENGINEERS

DATE 6/94
REVIEWED A.J.M.
DRAWN M.J.L.
DESIGNED M.J.L.
CHECKED L.P.C.

REINFORCING SCHEDULE
BRIDGE NUMBER LAK - 2 - 0955 L/R
OVER STATE ROUTE 615

LAK-2-9.46

23/24

70
71