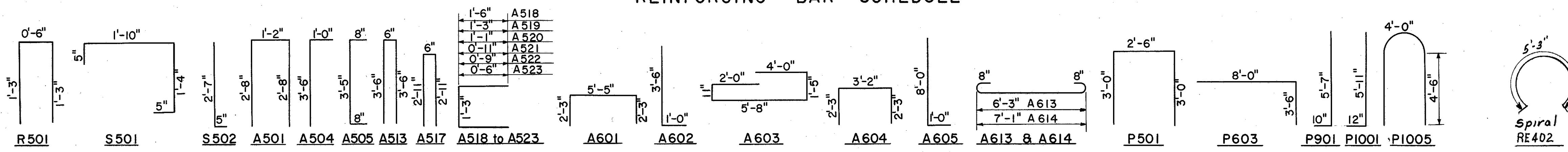


REINFORCING BAR SCHEDULE

FED. RD. DIVISION	STATE	PROJECT	
2	OHIO	ACI-1103(28)	

192A  
211

LAKE COUNTY  
SEC. LAK-1-20.03



NORTH BRIDGE														
SUPERSTRUCTURE				ABUTMENTS				PIERS						
MARK	NO.	LENGTH	WEIGHT	TYPE	MARK	NO.	LENGTH	WEIGHT	TYPE	MARK	NO.	LENGTH	WEIGHT	TYPE
					A 501	104	6'-3"	678	B	P 501	96	8'-3"	826	B
					A 502	26	21'-10"	592	S					
					A 503	26	23'-9"	644	S	P 601	288	7'-0"	3035	S
S 501	148	3'-7"	552	B	A 504	60	4'-4"	270	B	P 602	8	24'-0"	289	S
S 502	296	2'-10"	874	B	A 506	8	5'-1"	43	S	P 603	24	1'-4"	408	B
					A 507	8	5'-4"	45	S					
					A 508	16	7'-0"	117	S	P 901	48	6'-1"	392	B
S 601	165	44'-2"	10,946	S	A 509	32	3'-6"	117	S	P 902	48	23'-0"	3760	S
S 602	304	28'-9"	13,128	S	A 510	8	8'-8"	73	S					
S 603	64	24'-0"	2307	S	A 511	4	9'-6"	40	S					
					A 512	4	7'-4"	31	S	P 1001	48	6'-7"	1359	B
					A 513	16	7'-3"	121	B	P 1002	48	23'-0"	4750	S
					A 514	6	12'-9"	80	S	P 1003	8	16'-3"	560	S
					A 515	4	13'-0"	55	S	P 1004	24	21'-8"	2240	S
S 701	165	44'-2"	14,897	S	A 516	10	12'-6"	131	S	P 1005	8	13'-0"	448	B
					A 517	34	6'-1"	216	B	P 1006	8	30'-0"	1035	S
R 403	48	16'-3"	Incl-	S	A 518	16	4'-0"	67	B					
R 404	16	4'-9"	uded	S	A 519	8	3'-6"	29	B					
					A 520	4	3'-2"	13	B					
					A 521	4	2'-10"	12	B					
					A 522	4	2'-6"	10	B					
					A 523	4	2'-0"	8	B					
R 501	148	2'-9"	Payment	B	A 505	60	4'-6"	282	B					
					A 601	128	9'-7"	1,842	B					
					A 602	82	4'-4"	533	B					
					A 603	84	13'-3"	1,672	B					
					A 604	32	7'-3"	348	B					
					A 605	28	8'-10"	371	B					
					A 606	12	8'-8"	156	S					
					A 607	4	7'-4"	45	S					
					A 608	8	12'-6"	150	S					
					A 609	6	8'-9"	79	S					
					A 610	6	7'-6"	68	S					
					A 611	6	9'-11"	90	S					
					A 612	6	8'-3"	75	S					
					A 613	6	7'-0"	63	B					
					A 614	6	7'-10"	71	B					
					A 901	31	26'-0"	2740	S					
					A 902	32	10'-6"	1141	S					
					A 903	4	12'-8"	172	S					
					A 904	4	15'-0"	204	S					
					R 401	8	11'-6"	Incl. with Railing for payment	S					
					R 402	8	11'-2"	Payment	S					
							TOTAL WEIGHT	13,493						

TYPE  
S = Straight  
B = Bent

SPIRAL BARS						
MARK	NO.	LENGTH	PITCH	NO. TURNS	WEIGHT	CORE DIA.
SP406	8	19'-9"	4"	63	3,238	32"
					TOTAL WEIGHT	22,940

**SPIRAL NOTES**  
The Length shown in the steel list for the Spiral Bars is the distance from the top of the footing to the bottom of the pier cap. The No. of Turns shown in the steel list for the Spiral Bars is the length divided by the pitch, plus 3 turns (total number of closed coils), expressed as the nearest whole number. Spiral Bars shall not have deformations but shall in other respects conform to item S-4. 1/2 closed coils shall be provided at the end of each spiral unit. Four steel channel, tee or angle spacers, weighing approximately 0.68 lbs. per lin. ft. shall be provided for each spiral unit. The number of pounds of spacers, based on 0.68 lbs. per lin. ft. will be paid for as reinforcing steel and is included in the tabulated quantity of Spiral Bars.

SOUTH BRIDGE														
SUPERSTRUCTURE				ABUTMENTS				PIERS						
MARK	NO.	LENGTH	WEIGHT	TYPE	MARK	NO.	LENGTH	WEIGHT	TYPE	MARK	NO.	LENGTH	WEIGHT	TYPE
					A 501	104	6'-3"	678	B	P 501	96	8'-9"	809	B
					A 502	26	21'-10"	592	S					
					A 503	26	23'-9"	644	S	P 601	144	7'-0"	1518	S
S 501	182	3'-9"	711	B	A 504	60	4'-4"	271	B	P 602	8	24'-0"	289	S
S 502	364	2'-10"	1,074	B	A 505	60	4'-6"	282	B	P 603	24	10'-11"	394	B
					A 506	8	5'-1"	43	S	P 604	152	7'-6"	1712	S
					A 507	8	5'-4"	45	S					
					A 508	16	7'-0"	117	S	P 901	96	6'-1"	1,984	B
S 601	202	44'-2"	13,410	S	A 509	32	3'-6"	117	S	P 903	48	24'-9"	4048	S
S 602	380	28'-9"	16,420	S	A 510	8	8'-8"	73	S	P 904	12	27'-6"	1123	S
S 603	64	24'-0"	2307	S	A 511	4	9'-6"	40	S	P 905	12	30'-9"	1257	S
					A 512	4	7'-4"	31	S	P 906	12	34'-2"	1394	S
					A 513	16	7'-3"	117	B	P 907	12	37'-6"	1531	S
					A 514	6	12'-9"	80	S					
					A 515	4	13'-0"	55	S	P 1003	8	16'-3"	560	S
					A 516	10	12'-6"	131	S	P 1004	24	21'-8"	2240	S
					A 517	34	6'-1"	216	B	P 1005	8	13'-0"	448	B
					A 518	16	4'-0"	63	B	P 1006	8	30'-0"	1035	S
					A 519	8	3'-3"	27	B					
R 405	56	17'-4"	Incl. with Railing for Payment	S	A 520	4	2'-11"	12	B					
R 406	16	5'-1"	Railing for Payment	S	A 521	4	2'-7"	11	B					
					A 522	4	2'-6"	10	B					
					A 523	4	2'-0"	8	B					
R 501	182	2'-9"	Payment	B	A 601	128	9'-6"	1,826	B					
					A 602	82	4'-4"	533	B					
					A 603	84	13'-3"	1,693	B					
					A 604	32	7'-4"	352	B					
					A 605	28	8'-10"	371	B					
					A 606	12	8'-8"	156	S					
					A 607	4	7'-4"	45	S					
					A 608	8	12'-6"	150	S					
					A 609	6	8'-9"	79	S					
					A 610	6	7'-6"	68	S					
					A 611	6	9'-11"	90	S					
					A 612	6	8'-3"	75	S					
					A 613	6	7'-0"	63	B					
					A 614	6	7'-10"	70	B					
					A 901	31	26'-0"	2740	S					
					A 902	32	10'-6"	1141	S					
					A 903	4	12'-8"	172	S					
					A 904	4	15'-0"	204	S					
					R 401	8	11'-6"	Incl. with Railing for Payment	S					
					R 402	8	11'-2"	Payment	S					
							TOTAL WEIGHT	52,222						

SPIRAL BARS						
MARK	NO.	LENGTH	PITCH	NO. TURNS	WEIGHT	CORE DIA.
SP401	1	24'-0"	4"	75	494	32"
SP402	1	26'-4"	4"	82	532	32"
SP403	1	30'-8"	4"	95	604	32"
SP404	1	34'-0"	4"	105	660	32"
SP405	4	21'-3"	4"	67	1800	32"
					TOTAL WEIGHT	24,432

**BAR SIZE**  
Bar Size is indicated in the Bar Mark. The first digit where three digits are used and the first two where four are used, indicates the Bar Size number. For example, A401 is a No. 4 Bar and A1114 is a No. 11 size Bar.

**REPLACEMENT BARS**  
If reinforcing bars are fabricated from stock which has previously been tested and approved by the Ohio Highway Testing Laboratory, test sample as provided in Section S-4.02 need not be furnished and Replacement Bars will not be required.

REPLACEMENT BARS				
MARK	NO.	LENGTH	WEIGHT	TYPE
RE 1001	1	7'-2"	31	S
RE 901	2	6'-10"	47	S
RE 701	2	6'-3"	25	S
RE 601	4	5'-11"	36	S
RE 501	1	5'-7"	6	S
RE 401	1	5'-3"	4	S
RE 402	1	5'-3"	4	B
			TOTAL WEIGHT	153

NOTE  
All Dimensions are out to out.

TOTAL ESTIMATED QUANTITIES										
ITEM	TOTAL UNIT	DESCRIPTION	SUPERSTR.		ABUTMENTS		PIERS		GENERAL	
			NORTH BR.	SOUTH BR.	NORTH BR.	SOUTH BR.	NORTH BR.	SOUTH BR.	NORTH BR.	SOUTH BR.
E-2	1204									