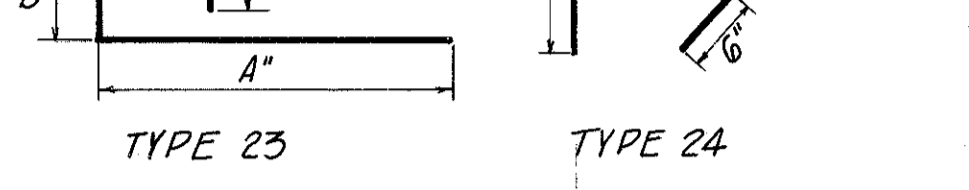
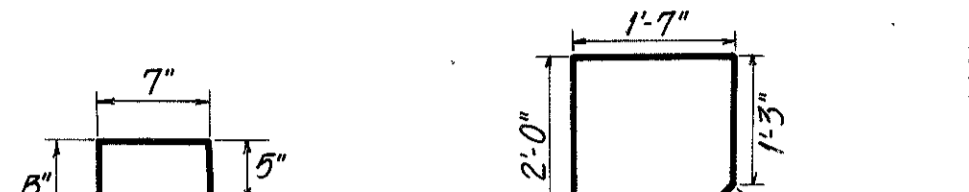
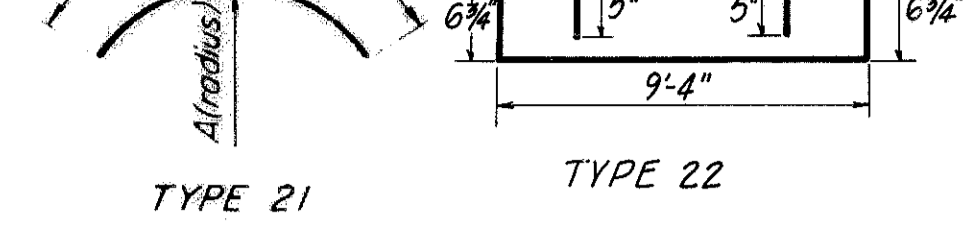


LAKE COUNTY
LENGTH



TYPE 1 TYPE 2 TYPE 3 TYPE 4 TYPE 5 TYPE 6 TYPE 7

MARK NO.	LENGTH	WEIGHT	TYPE	DIM. A		DIM. B		DIM. C		BAR DISTRIBUTION	
				INC.	INC.	INC.	INC.	East	West		

ABUTMENTS AND RAMPS

A701	10	10'-0"	204	1						5	5
A501	187	10'-9"	2097	2	9'-0"	1'-10 1/2"				107	80
A502	94	10'-6"	1029	23	9'-2 1/2"	8"				54	40
A503	259	11'-6"	3107	2	9'-9"	1'-10 1/2"				120	139
A504	130	11'-3"	1525	23	9'-1 1/2"	8"				61	69
A505	4	4'-6"	19	1						2	2
A506	4	8'-0"	33	1						2	2
A507	4	11'-0"	46	1						2	2
A508	4	12'-9"	53	1						2	2
A509	4	14'-0"	58	1						2	2
A510	4	15'-0"	63	1						2	2
A511	4	16'-0"	67	1						2	2
A512	4	16'-9"	70	1						2	2
A513	4	17'-3"	72	1						2	2
A514	4	17'-9"	74	1						2	2
A515	4	18'-0"	75	1						2	2
A516	4	18'-1"	75	1						2	2
A517	76	20'-8"	1638	1						76	
A518	78	25'-6"	2075	1						78	
A519	2	17'-6"	37	4	1'-6"	16'-0"	5'-30"			2	2
A520	2	21'-0"	44	4	5'-0"	16'-0"	5'-30"			2	2
A521	2	22'-8"	47	4	6'-8"	16'-0"	5'-30"			2	2
A522	2	23'-9"	50	4	7'-9"	16'-0"	5'-30"			2	2
A523	2	24'-6"	51	4	8'-6"	16'-0"	5'-30"			2	2
A524	2	24'-9"	52	4	8'-9"	16'-0"	5'-30"			2	2
A525	1	30'-0"	31	4	9'-0"	21'-0"	5'-30"			1	1
A526	1	29'-9"	31	4	8'-9"	21'-0"	5'-30"			1	1
A527	2	29'-6"	62	4	8'-6"	21'-0"	5'-30"			2	2
A528	2	28'-9"	60	4	7'-9"	21'-0"	5'-30"			2	2
A529	2	27'-9"	58	4	6'-9"	21'-0"	5'-30"			2	2
A530	2	26'-3"	55	4	5'-3"	21'-0"	5'-30"			2	2
A531	2	22'-6"	47	4	1'-6"	21'-0"	5'-30"			2	2
A532	2	16'-0"	33	1						2	2
A533	1	29'-0"	30	1						1	1
A534	3	19'-6"	61	1						3	3
A535	6	9'-6"	59	1						3	3
A536	101	8'-3"	869	1						53	48

REPLACEMENT BARS

A557	8	15'-6"	129	1						8	
A558	26	6'-0"	163	1						12	14
A559	1	27'-0"	28	1						1	
A560	1	17'-6"	18	1						1	
A561	2	13'-0"	27	1						2	2
A562	4	16'-0"	67	21	9'-0"					2	2
A563	20	8'-6"	177	1						10	10
A564	4	32'-0"	134	1						4	4

TYPE 8 TYPE 9 TYPE 10 TYPE 11 TYPE 12 TYPE 13 TYPE 14 TYPE 15

MARK NO.	LENGTH	WEIGHT	TYPE	DIM. A		DIM. B		DIM. C		BAR DISTRIBUTION	
				INC.	INC.	INC.	INC.	East	West		

ABUTMENTS AND RAMPS

A565	17	10'-0"	177	1						7	10
A566	102	9'-3"	984	1						54	48
A401	2 Series of 107	22'-4" To 14'-4"	2620	1						2 Series of 107	
A402	26	27'-7"	479	3	22'-4"	6"	5'-0"			13	13
A403	26	17'-6"	304	1						13	13
A404	106	7'-2"	507	2	2'-6 1/2"	4'-9"				106	
A405	26	8'-3"	143	2	2'-6 1/2"	5'-10"				26	
A406	26	5'-0"	87	24						13	13
A407	2 Series of 80	22'-4" To 16'-4"	2066	1						2 Series of 80	
A408	2 Series of 46	9'-4 1/2" To 6'-0"	472	1						2 Series of 46	
A409	96	7'-3"	464	2	2'-6 1/2"	4'-10"				96	
A410	21	5'-7"	78	2	2'-6 1/2"	3'-2"				21	
A411	21	4'-2"	58	2	2'-6 1/2"	1'-9"				21	
A412	2 Series of 10	2'-10" To 5'-10"	58	17		0'-7" To 2'-11"	2"			1 Series of 10	1 Series of 10
A413	94	3'-1"	194	25	2'-0"	6"	1'-2"			54	40
A414	23	3'-5"	52	3	1'-3"	1'-5"				23	
A415	204	7'-8"	1046	2	2'-6 1/2"	5'-3"				108	96
A416	22	4'-7"	67	2	2'-6 1/2"	2'-2"				22	
A417	22	6'-2"	91	2	2'-6 1/2"	3'-9"				22	

TYPE 16 TYPE 17 TYPE 18 TYPE 19 TYPE 20

MARK NO.	LENGTH	WEIGHT	TYPE	DIM. A		DIM. B		DIM. C		BAR DISTRIBUTION	
				INC.	INC.	INC.	INC.	INC.	INC.		

SUPERSTRUCTURE

S501	146	12'-0"	659	22							
S502	24	10'-8"	96	25	9'-4"	6 3/4"					
S503	170	9'-0"	575	1							
S504	63	30'-0"	711	1							
S505	20	26'-7 1/2"	200	1							
S506	1	10'-9 1/2"	4	1							
S507	2	11'-5"	8	2	9'-4"	2'-0"					
S508	2	13'-2"	10	3	2'-0"	2'-0"	9'-4"				

NOTES
TYPE followed by S indicates bar is a series varying by the dimension shown in the increment (INC.) box

TYPE followed by B indicates bar to be bent in field. Cost of bending included with Item 509, Reinforcing steel for payment.
BAR SIZE is indicated in the bar mark. The first digit where three digits are used and the first two digits where four are used indicates the bar size number. For example, A601 is a No. 6 size bar and R1101 is a No. 11 size bar.

SPIRAL REINFORCING BARS: The "Length" shown in the steel list for the spiral bars is the length of the spiral along the axis of the spiral. The "No. of Turns" shown is the length divided by the pitch plus 3 turns (total number of closed coils). 1/2 closed coils shall be provided at the ends of each spiral unit. Four steel channel, tee or angle spacers, weighing approximately _____ per lin. ft. of spacer, shall be provided for each spiral unit. They shall be equally spaced along the periphery of the coil. The number of pounds of these spacers, based on _____ per lin. ft. will be paid for as reinforcing steel and is included in the tabulated quantities of spiral bars.

LEGEND:
% = Out to Out
INC. = Increment

BURGESS & NIPLE LIMITED — CONSULTING ENGINEERS
COLUMBUS, OHIO 9/9

REINFORCING STEEL LIST
BR. NO. LAK-91-0547
OVER
S.R. 91

LAKE COUNTY Sta. 288+64.00

DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED DATE	REVIEWED
M.I.G.	M.I.G.	KDC	T.E.U.	3-5-73	3-15-73