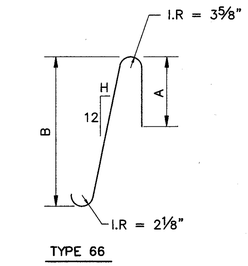
CALC. BY		LAK-90-8.77/29.20	OHIO	48
DATE			FHWA REGION 5	101
CHKD. BY				
DATE				

REINFORCING STEEL BAR SCHEDULE

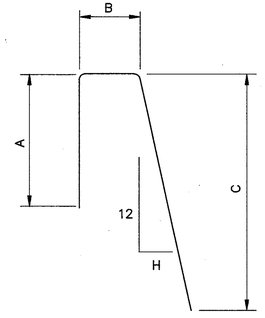
MARK	NO. REQUIRED NORTH RAILING	NO. REQUIRED SOUTH RAILING	NO. REQUIRED TOTAL	LENGTH	TYPE	A	B	C	D	H	WEIGHT (LBS)
WINGWALL PARAPET, LAK-90-1641L											
AWR501	31	31	62	5'-6"	66	1'-6¾"	3'-2"			1¼	356
AWR502	2	2	4	7'-3"	25	2'-4"	11"	4'-0"		1¼	30
AWR503	2	2	4	6'-10"	25	2'-2"	11"	3'-9"		1⅛	29
AWR504	2	2	4	6'-5"	25	1'-11"	11"	3'-7"		⅞	27
AWR505	2	2	4	6'-0"	25	1'-9"	11"	3'-4"		⅝	25
AWR506	2	2	4	5'-8"	25	1'-7"	11"	3'-2"		⅜	24
AWR507	2	2	4	5'-3"	25	1'-4"	11"	3'-0"		¼	22
AWR508	8	8	16	4'-10"	25	1'-2"	10"	2'-10"		–	81
AWR509	4	4	8	6'-5"	STR						54
AWR510	4	4	8	5'-0"	STR						42
AWR511	8	8	16	4'-4"	STR						72
AWR516	4	4	8	16'-8"	STR						140
AWR517	4	4	8	12'-4"	STR						102
AWR605	1	1	2	12'-4"	STR						37
AWR606	1	1	2	16'-8"	STR						50
									SUB-TOTAL		1,091
SUPERSTRUCTURE PARAPET, LAK-90-1641L											
SSR501	362	362	724	5'-6"	66	1'-6¾"	3'-2"			1¼	4,153
SSR511	4	4	8	12'-4"	STR						103
SSR512	84	84	168	14'-9"	STR						2,586
SSR513	4	4	8	11'-9"	STR						98
SSR601	12	12	24	30'-0"	STR						1,081
									SUB-TOTAL		8,021
									TOTAL		9,112
WINGWALL PARAPET, LAK-90-1641R											
AWR501	31	31	62	5'-6"	66	1'-6¾"	3'-2"			1¼	356
AWR502	2	2	4	7'-3"	25	2'-4"	11"	4'-0"		1¼	30
AWR503	2	2	4	6'-10"	25	2'-2"	11"	3'-9"		1⅛	29
AWR504	2	2	4	6'-5"	25	1'-11"	11"	3'-7"		⅞	27
AWR505	2	2	4	6'-0"	25	1'-9"	11"	3'-4"		⅝	25
AWR506	2	2	4	5'-8"	25	1'-7"	11"	3'-2"		⅜	24
AWR507	2	2	4	5'-3"	25	1'-4"	11"	3'-0"		¼	22
AWR508	8	8	16	4'-10"	25	1'-2"	10"	2'-10"		–	81
AWR509	4	4	8	6'-5"	STR						54
AWR510	4	4	8	5'-0"	STR						42
AWR511	8	8	16	4'-4"	STR						72
AWR516	4	4	8	16'-8"	STR						140
AWR517	4	4	8	12'-4"	STR						102
AWR605	1	1	2	12'-4"	STR						37
AWR606	1	1	2	16'-8"	STR						50
									SUB-TOTAL		1,091

MARK	NO. REQUIRED NORTH RAILING	NO. REQUIRED SOUTH RAILING	NO. REQUIRED TOTAL	LENGTH	TYPE	A	B	C	D	H	WEIGHT (LBS)
SUPERSTRUCTURE PARAPET, LAK-90-1641R											
SSR501	362	362	724	5'-6"	66	1'-6¾"	3'-2"			1¼	4,153
SSR511	4	4	8	12'-4"	STR						103
SSR512	84	84	168	14'-9"	STR						2,586
SSR513	4	4	8	11'-9"	STR						98
SSR601	12	12	24	30'-0"	STR						1,081
									SUB-TOTAL		1,453
WINGWALL PARAPET, LAK-90-2003L											
AWR501	49	45	94	5'-6"	66	1'-6¾"	3'-2"			1¼	539
AWR502	2	2	4	7'-3"	25	2'-4"	11"	4'-0"		1¼	30
AWR503	2	2	4	6'-10"	25	2'-2"	11"	3'-9"		1⅛	29
AWR504	2	2	4	6'-5"	25	1'-11"	11"	3'-7"		⅞	27
AWR505	2	2	4	6'-0"	25	1'-9"	11"	3'-4"		⅝	25
AWR506	2	2	4	5'-8"	25	1'-7"	11"	3'-2"		⅜	24
AWR507	2	2	4	5'-3"	25	1'-4"	11"	3'-0"		¼	22
AWR508	8	8	16	4'-10"	25	1'-2"	10"	2'-10"		–	81
AWR509	4	4	8	6'-5"	STR						54
AWR510	4	4	8	5'-0"	STR						42
AWR511	8	8	16	4'-4"	STR						72
AWR520	4	4	8	21'-8"	STR						181
AWR521	4		4	25'-0"	STR						104
AWR522		4	4	21'-1"	STR						88
AWR609	1	1	2	21'-8"	STR						65
AWR610	1		1	25'-0"	STR						38
AWR611		1	1	21'-1"	STR						32
									SUB-TOTAL		1,453
SUPERSTRUCTURE PARAPET, LAK-90-2003L											
SSR501	517	516	1033	5'-6"	66	1'-6¾"	3'-2"			1¼	5,926
SSR517	212	208	420	10'-0"	STR						4,381
SSR518	4		4	10'-6"	STR						44
SSR519	4	4	8	11'-0"	STR						92
SSR601	17	17	34	30'-0"	STR						1,532
									SUB-TOTAL		11,975
									TOTAL		13,428

MARK	NO. REQUIRED NORTH RAILING	NO. REQUIRED SOUTH RAILING	NO. REQUIRED TOTAL	LENGTH	TYPE	A	B	C	D	H	WEIGHT (LBS)
WINGWALL PARAPET, LAK-90-2003R											
AWR501	33	34	67	5'-6"	66	1'-6¾"	3'-2"			1¼	384
AWR502	2	2	4	7'-3"	25	2'-4"	11"	4'-0"		1¼	30
AWR503	2	2	4	6'-10"	25	2'-2"	11"	3'-9"		1⅛	29
AWR504	2	2	4	6'-5"	25	1'-11"	11"	3'-7"		⅞	27
AWR505	2	2	4	6'-0"	25	1'-9"	11"	3'-4"		⅝	25
AWR506	2	2	4	5'-8"	25	1'-7"	11"	3'-2"		⅜	24
AWR507	2	2	4	5'-3"	25	1'-4"	11"	3'-0"		¼	22
AWR508	8	8	16	4'-10"	25	1'-2"	10"	2'-10"		–	81
AWR509	4	4	8	6'-5"	STR						54
AWR510	4	4	8	5'-0"	STR						42
AWR511	8	8	16	4'-4"	STR						72
AWR514	4		4	6'-10"	STR						28
AWR523	4		4	23'-8"	STR						98
AWR524		4	4	7'-11"	STR						33
AWR603		1	1	6'-10"	STR						10
AWR612	1	1	2	23'-8"	STR						71
AWR613			1	7'-11"	STR						12
										SUB-TOTAL	1,042
SUPERSTRUCTURE PARAPET, LAK-90-2003R											
SSR501	520	521	1041	5'-6"	66	1'-6¾"	3'-2"			1¼	5,972
SSR505		4	4	12'-8"	STR						4,339
SSR517	208	208	416	10'-0"	STR						49
SSR520	4		4	11'-9"	STR						102
SSR521	4	4	8	12'-3"	STR						53
SSR601	17	17	34	30'-0"	STR						1,532
										SUB-TOTAL	12,047
										TOTAL	13,089



TYPE 66



TYPE 25

NOTES:

1. ALL DIMENSIONS ARE OUT TO OUT OF BARS.
2. ALL REINFORCING BARS SHALL BE EPOXY COATED.
3. REINFORCING STEEL SAMPLES: REFER TO CMS SECTIONS 106.03, 700, 709.01 THROUGH 709.05 AND 709.08. SUFFICIENT ADDITIONAL REINFORCING STEEL SHALL BE PROVIDED FOR SAMPLING. RANDOM SAMPLES SHALL BE REPLACED IN THE STRUCTURES BY THE ADDITIONAL STEEL, SPLICED IN ACCORDANCE WITH 509.08.
4. PREFIX AWR IS USED FOR BARS TO BE PLACED IN THE ABUTMENT WINGWALL RAILING.
5. PREFIX SSR IS USED FOR BARS TO BE PLACED IN THE SUPERSTRUCTURE PARAPET RAILING.
6. REINFORCING WEIGHT TOTALS ON THIS SHEET ARE INCLUDED WITH ITEM 517 FOR PAYMENT.

COLPETZER-THOMAS, INC.
AN ENGINEERING GROUP
WILLOUGHBY • MENTOR • NORTH CANTON • STEUBENVILLE • LORAIN

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REINFORCING SCHEDULE
LAK-90-1641L/1641R
LAK-90-2003L/2003R

DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED DATE	REVISED
J.E.A.	R.L.B.	H.P.	R.J.C.	B.J.A. 11/2/87	