

REINFORCING STEEL LIST					Bending Diagram	
Mark	No.	Length	Weight	Shp.		
SUPERSTRUCTURE						
S1101	72	32'-2"	12,305	Str.		
S1102	36	15'-8"	2,997	Str.		
S1103	36	10'-0"	1,913	Str.		
S1001	90	50'-2"	19,428	Str.		
S1002	30	35'-4"	4,561	Bt.		
S1003	30	30'-11"	3,991	Bt.		
S1004	15	31'-10"	2,055	Str.		
S1005	15	23'-0"	1,485	Str.		
S1006	1	22'-0"	95	Str.		
S1007	6	15'-0"	387	Str.		
S701	71	31'-6"	4,572	Str.		
S702	40	31'-9"	2,596	Str.		
S703	22	32'-0"	1,439	Str.		
S601	38	30'-0"	1,712	Str.		
S602	19	27'-6"	785	Str.		
S603	51	31'-8"	2,426	Str.		
S604	24	31'-10"	1,148	Str.		
S605	12	32'-0"	577	Str.		
S501	8	40'-0"	334	Str.		
S502	4	39'-0"	163	Str.		
S503	6	46'-0"	288	Str.		
S504	20	12'-0"	250	Str.		
S505	660	3'-6"	2,409	Bt.		
S506	328	1'-5"	485	Str.		
S606	12	5'-0"	-	Str.	included with railing for payment.	
S607	16	7'-7"	-	Bt.		
S608	12	4'-7"	-	Bt.		

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Mark	No.	Length	Weight	Shp.		
EAST ABUTMENT						
A701	24	23'-3"	1,141	Str.		
A601	27	9'-3"	375	Str.		
A602	27	4'-8"	189	Bt.		
A501	18	9'-4"	175	Bt.		
A502	12	8'-8"	108	Bt.		
A503	14	8'-0"	117	Bt.		
A504	18	7'-4"	138	Bt.		
A505	12	5'-4"	67	Bt.		
A506	12	6'-0"	75	Bt.		
A507	12	6'-8"	83	Bt.		
A508	8	4'-6"	38	Str.		
A509	2	3'-9"	8	Str.		
A510	2	3'-6"	7	Str.		
A511	2	3'-3"	7	Str.		
A512	2	3'-0"	6	Str.		
A513	6	2'-9"	17	Str.		
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, indicate the bar size number.						

REINFORCING STEEL LIST					Bending Diagram	
Mark	No.	Length	Weight	Shp.		
WEST ABUTMENT						
A702	24	23'-0"	1,128	Str.		
A603	18	6'-0"	162	Str.		
A604	18	4'-5"	119	Bt.		
A501	16	9'-4"	156	Bt.		
A502	12	8'-8"	108	Bt.		
A503	14	8'-0"	117	Bt.		
A504	18	7'-4"	138	Bt.		
A505	12	5'-4"	67	Bt.		
A506	6	6'-0"	38	Bt.		
A508	4	4'-6"	19	Str.		
A509	2	3'-9"	8	Str.		
A510	2	3'-6"	7	Str.		
A511	4	3'-3"	7	Str.		
A512	2	3'-0"	6	Str.		
A514	2	2'-6"	5	Str.		
A515	2	4'-0"	8	Str.		
PIER REINFORCING STEEL						
P601					Bending Diagram	
P608		1'-6 1/2"				
P609		1'-8 1/2"				
P610		1'-10 1/2"				
P501		3'-2"				
P502		3'-6"				
P503		4'-0"				
P504		4'-4"				
P505		4'-6"				
P506		4'-10"				
P507		5'-2"				
P508		5'-5"				
REPLACEMENT BARS						
RE100	2	7'-6"	80			
RE100	2	7'-2"	62			
RE700	1	6'-2"	13			
RE600	1	6'-0"	9			
RE500	1	5'-7"	6			

REINFORCING STEEL LIST					Bending Diagram	
Mark	No.	Length	Weight	Shp.		
EAST WEST PIER REINF.						
P101	16	11'-9"	998	Str.		
EAST PIER ONLY						
P601	72	5'-0"	540	Bt.		
P602	9	16'-0"	216	Str.		
P603	4	15'-5"	93	Str.		
P604	9	14'-10"	201	Str.		
WEST PIER ONLY						
P605	9	17'-4"	234	Str.		
P606	4	16'-9"	101	Str.		
P607	9	16'-2"	219	Str.		
P608	12	6'-1"	110	Bt.		
P609	8	6'-4"	76	Bt.		
P610	8	6'-7"	80	Bt.		
P611	12	5'-4"	86	Str.		
P612	8	5'-6"	66	Str.		
P613	12	5'-10"	106	Str.		
P614	4	19'-6"	118	Str.		
P615	4	28'-0"	168	Str.		
P616	4	30'-8"	184	Str.		
P617	4	11'-2"	68	Bt.		
P618	4	11'-5"	68	Bt.		
P619	28	15'-0"	630	Str.		
P501	4	9'-3"	38	Bt.		
P502	4	10'-0"	42	Bt.		
P503	4	11'-0"	46	Bt.		
P504	4	11'-8"	48	Bt.		
P505	4	12'-0"	50	Bt.		
P506	4	12'-8"	52	Bt.		
P507	4	13'-3"	56	Bt.		
P508	4	13'-10"	58	Bt.		

STATE OF OHIO
DEPARTMENT OF HIGHWAYS
BUREAU OF BRIDGES AND RAILROAD CROSSINGS

REINFORCING STEEL
BRIDGE No. LA-615-02
OVER EAST BRANCH CHAGRIN RIVER
LAKE COUNTY
SEC. LAK-615-0.06 STA 4+27.50

DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE	REVISED
J.V.G.	J.V.G.	B.D.H.	NEY	BFG	9/23/54	