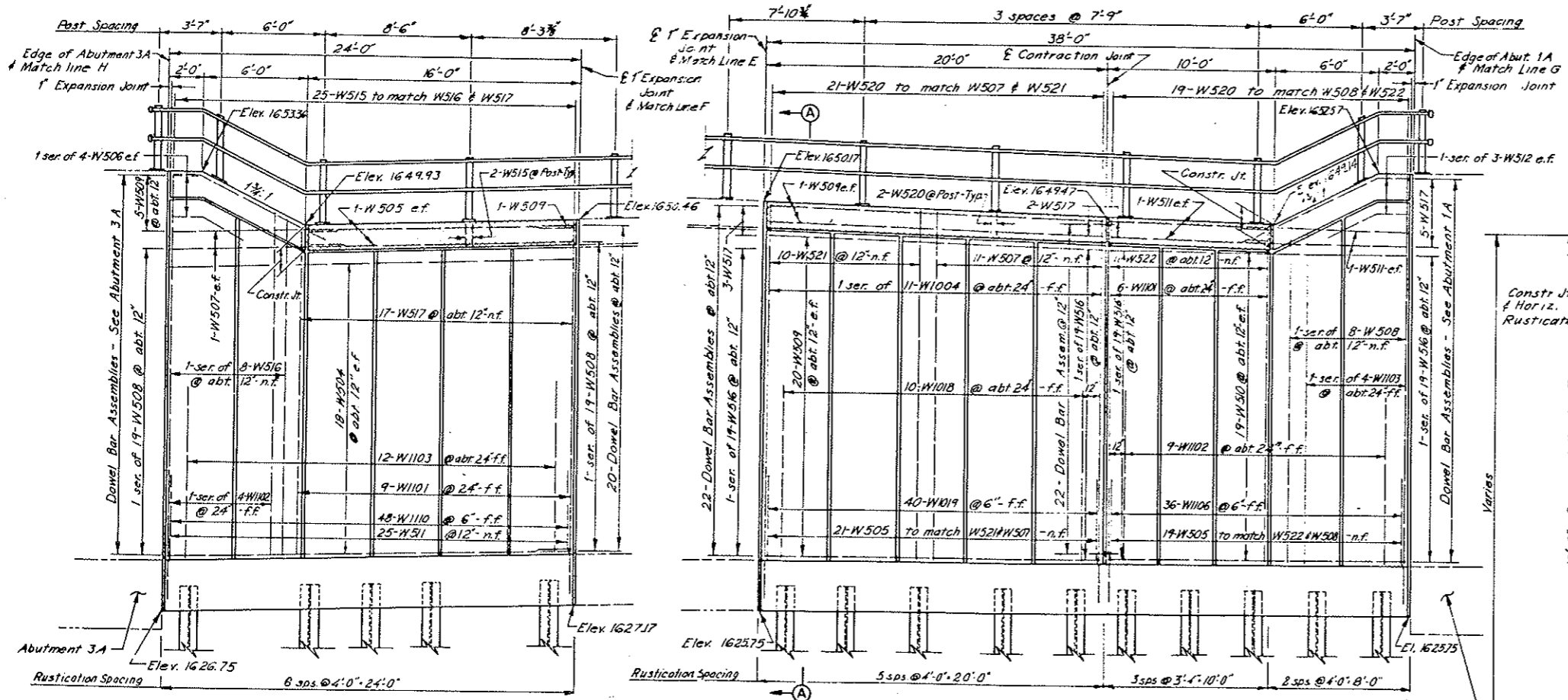
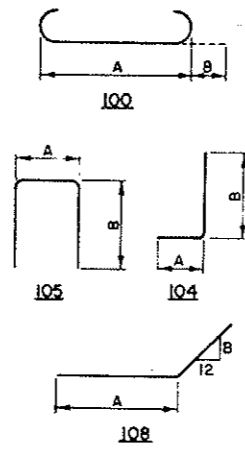


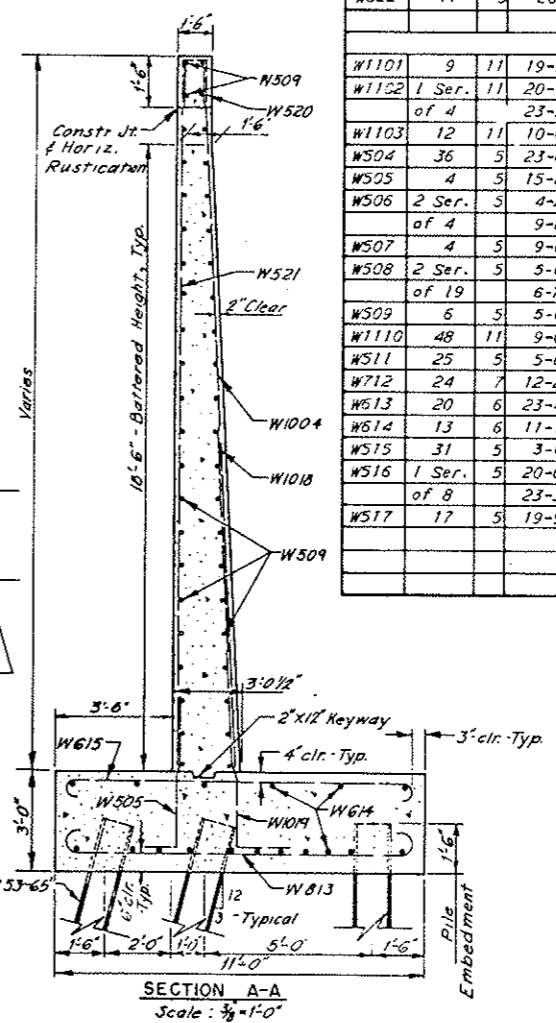
PLAN - WEST RETAINING WALL  
Scale: 1/4" = 1'-0"

PLAN - EAST RETAINING WALL  
Scale: 1/4" = 1'-0"



ELEVATION - WEST RETAINING WALL  
Scale: 1/4" = 1'-0"

ELEVATION - EAST RETAINING WALL  
Scale: 1/4" = 1'-0"



SECTION A-A  
Scale: 3/8" = 1'-0"

BILL OF REINFORCEMENT									
LAR NO.	NO.	SIZE	LENGTH	TYPE	DIMENSIONS			LOCATION	
EAST RETAINING WALL									
#1101	6	11	20-0	STR.				Vertical	
#1102	9	11	10-0	STR.				Vertical	
#1103	1 Ser. of 4	11	21-0	STR.				Vertical	
#1004	1 Ser. of 11	10	20-3	STR.				Vertical	
#505	40	5	5-6	104	1-0	4-6		Dowel	
#1106	36	9	9-0	104	1-8	7-6		Dowel	
#507	11	5	20-3	STR.				Vertical	
#508	1 Ser. of 8	5	20-6	STR.				Vertical	
#509	44	5	19-6	STR.				Horizontal	
#510	38	5	17-6	STR.				Horizontal	
#511	8	3	9-6	STR.				Horizontal	
#512	2 Ser. of 3	5	5-8	108	1-8	0-6		Horizontal	
#813	42	8	12-8	100	10-6	1-1		Footling	
#514	17	6	37-4	STR.				Footling	
#515	20	6	11-10	100	10-5	0-8		Footling	
#516	4 Ser. of 19	5	5-0	105	1-0	2-0		Stem Tie - Side	
#517	12	5	5-0	105	1-0	2-0		Stem Tie - Side	
#1018	10	10	10-0	STR.				Vertical	
#1019	40	10	9-0	104	1-8	7-4		Dowel	
#520	50	5	3-6	105	1-2			Stem Tie - Top	
#521	10	5	20-9	STR.				Vertical	
#522	11	5	20-0	STR.				Vertical	
WEST RETAINING WALL									
#1101	9	11	19-9	STR.				Vertical	
#1102	1 Ser. of 4	11	20-10	STR.				Vertical	
#1103	12	11	10-0	STR.				Vertical	
#504	36	5	23-6	STR.				Horizontal	
#505	4	5	15-8	STR.				Horizontal	
#506	2 Ser. of 4	5	4-2	108	1-8	0-6		Horizontal	
#507	4	5	9-6	STR.				Horizontal	
#508	2 Ser. of 19	5	5-0	105	1-0	2-0		Stem Tie - Side	
#509	6	5	5-0	105	1-0	2-0		Stem Tie - Side	
#1110	48	11	9-0	104	1-8	7-4		Dowel	
#511	25	5	5-6	104	1-0	4-6		Dowel	
#712	24	7	12-2	100	10-5	0-10		Footling	
#613	20	6	23-4	STR.				Footling	
#614	13	6	11-10	100	10-5	0-8		Footling	
#515	31	5	3-6	105	1-2	1-2		Stem Tie - Top	
#516	1 Ser. of 8	5	20-0	STR.				Vertical	
#517	17	5	19-9	STR.				Vertical	

QUANTITIES	
Reinforcing Steel	20,472 Lbs
Steel Piling (HP12x53)	1,250 Lin/ft
Class 1 Excavation	134 Cu Yd
Structural Carbon Steel (A36)	1041 Lbs
Steel Test Piles (HP12x53) @ 75	2 Each

PHASE I  
RETAINING WALL DETAILS  
BRIDGE A  
BURLINGTON NORTHERN, INC.  
RAILWAY UNDERPASSES

U.S. HIGHWAY NO. 10  
MORTON COUNTY

1/6" - To be placed after temporary trestle has been removed.