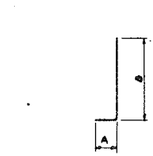
ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
F.A. 194	381	WINNEBAGO	25	18
STA.		TO STA.		
FED. ROAD DIST. NO. 7	ILLINOIS			

BAR SCHEDULE
SCHEDULES FOR WEST BOUND STRUCTURE ONLY

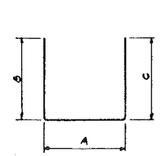
BAR	NO.	SIZE	LENGTH	DETAIL	DIMENSIONS A	B	C	D	E
			P	I E	R	# 1			
h_1	8	#4	24'-9	—					
h_2	18	#4	12'-0	—					
h_3	22	#4	8'-9	—					
h_4	16	#11	24'-9	—					
V_1	18	#5	20'-3	—					
V_2	10	#5	16'-0	4	3'-9	9'-9	12'-3		
V_3	10	#5	13'-6	—					
d_1	20	#4	7'-9	2	3'-9	2'-0	2'-0		
d_2	22	#4	9'-2	13	2'-0	1'-10	1'-10		
d_3	28	#6	6'-6"	1	6"	6'-0"			
s_1	108	#5	9'-6	2	2'-0	3'-9	3'-9		
s_2	60	#5	15'-6	2	2'-0	6'-9	6'-9		
f_1	28	#8	26'-9	—					
W_1	55	#6	11'-9	—					
			ABUTMENT		# 1				
h_1	12	#11	35'-3	—					
h_2	4	#5	35'-3	—					
h_3	18	#5	33'-3	—					
h_4	2	#4	6'-9	—					
h_5	2	#4	8'-6	8	6'-0	2'-6		1'-8	
h_6	2	#4	3'-3	—					
h_7	2	#4	4'-0	8	1'-6	2'-6		1'-8	
h_9	3	#4	10'-9	10	7'-9		11'-5½	2'-3	1'-6
h_{10}	2	#4	4'-0	—					
h_{11}	2	#4	7'-9	—					
h_{12}	32	#4	8'-0	—					
h_{13}	12	#5	12'-6	11	7'-9	9'-11	4'-9		
h_{14}	2	#5	10'-3	11	7'-9	9'-11	2'-6		
h_{15}	2	#5	10'-9	11	8'-3	10'-7	2'-6		
h_{16}	2	#5	9'-0	11	7'-9	9'-11	1'-3		
h_{17}	2	#5	9'-6	11	8'-3	10'-7	1'-3		
h_{18}	2	#5	7'-9	9	7'-9	9'-11			
h_{19}	2	#5	8'-3	9	8'-3	10'-7			
h_{20}	32	#4	4'-3	—					
h_{21}	3	#4	4'-9	10	4'-3	---	2'-0	2'-3	1'-6
V_1	70	#5	8'-9	—					
V_2	8	#5	11'-9	—					
V_3	8	#4	11'-9	—					
V_4	3	#5	18'-0	—					
V_5	9	#4	18'-0	—					
V_6	6	#5	13'-3	—					
V_7	9	#4	13'-3	—					
V_8	2	#4	7'-3	—					
V_9	2	#4	5'-9	—					
V_{10}	2	#4	4'-3	—					
V_{11}	3	#4	10'-0	4	1'-0	5'-0	9'-0		
t_1	35	#5	19'-9	6	3'-3	3'-3	4'-9	6"	
t_2	2	#5	16'-6	6	0'-0	3'-3	4'-9	6"	
t_3	35	#5	5'-9	3	6"	1'-3	1'-9	2'-3	
t_4	2	#4	6'-6	2	6"	3'-0	3'-0		
t_5	2	#4	5'-0	2	6"	2'-3	2'-3		
t_6	2	#4	7'-3	3	6"	2'-6	9"	3'-6	
t_7	9	#4	3'-0	5	9"	1'-6	1"		
f_2	24	#5	10'-0	—					
f_3	16	#5	13'-0	—					
f_4	16	#8	6'-6	—					
N_3	36	#5	6'-6	—					
d_1	35	#5	3'-0	—					
d_3	26	#5	3'-0	—					
d_4	32	#6	7'-3	1	2'-9	4'-6			

BAR	NO.	SIZE	LENGTH	DETAIL	DIMENSIONS A	B	C	D	E
			P	I E	R	# 2			
h_1	8	#4	24'-9	—					
h_2	18	#4	12'-0	—					
h_3	14	#4	8'-9	—					
h_4	16	#11	24'-9	—					
V_1	18	#5	16'-9	—					
V_2	10	#5	16'-0	4	3'-9	9'-9	12'-3		
V_3	10	#5	10'-0	—					
d_1	20	#4	7'-9	2	3'-9	2'-0	2'-0		
d_2	14	#4	9'-2	13	2'-0	1'-10	1'-10		
d_3	28	#6	6'-6"	1	6"	6'-0"			
s_1	108	#5	9'-6	2	2'-0	3'-9	3'-9		
s_2	60	#5	15'-6	2	2'-0	6'-9	6'-9		
f_1	26	#8	26'-9	—					
W_1	55	#6	11'-9	—					
			ABUTMENT		# 2				
h_1	12	#11	35'-3	—					
h_2	4	#5	35'-3	—					
h_3	18	#5	33'-3	—					
h_4	2	#4	6'-9	—					
h_5	2	#4	8'-6	8	6'-0	2'-6		1'-8	
h_6	2	#4	3'-3	—					
h_7	2	#4	4'-0	8	1'-6	2'-6		1'-8	
h_9	3	#4	10'-9	10	7'-9		11'-5½	2'-3	1'-6
h_{10}	2	#4	4'-0	—					
h_{11}	2	#4	7'-9	—					
h_{12}	32	#4	8'-0	—					
h_{13}	12	#5	12'-6	11	7'-9	9'-11	4'-9		
h_{14}	2	#5	10'-3	11	7'-9	9'-11	2'-6		
h_{15}	2	#5	10'-9	11	8'-3	10'-7	2'-6		
h_{16}	2	#5	9'-0	11	7'-9	9'-11	1'-3		
h_{17}	2	#5	9'-6	11	8'-3	10'-7	1'-3		
h_{18}	2	#5	7'-9	9	7'-9	9'-11			
h_{19}	2	#5	8'-3	9	8'-3	10'-7			
h_{20}	32	#4	4'-3	—					
h_{21}	3	#4	4'-9	10	4'-3		2'-0	2'-3	1'-6
V_1	70	#5	9'-6	—					
V_2	8	#5	12'-9	—					
V_3	8	#4	12'-9	—					
V_4	3	#5	15'-9	—					
V_5	9	#4	15'-9	—					
V_6	6	#5	14'-3	—					
V_7	9	#4	14'-3	—					
V_8	2	#4	7'-3	—					
V_9	2	#4	5'-9	—					
V_{10}	2	#4	4'-3	—					
V_{11}	3	#4	10'-9	4	1'-0	5'-0	9'-9		
t_1	35	#5	19'-9	6	3'-3	3'-3	4'-9	6"	
t_2	2	#5	16'-6	6	0'-0	3'-3	4'-9	6"	
t_3	35	#5	5'-9	3	6"	1'-3	1'-9	2'-3	
t_4	2	#4	6'-6	2	6"	3'-0	3'-0		
t_5	2	#4	5'-0	2	6"	2'-3	2'-3		
t_6	2	#4	7'-3	3	6"	2'-6	9"	3'-6	
t_7	9	#4	3'-0	5	9"	1'-6	1"		
f_2	24	#5	10'-0	—					
f_3	16	#5	13'-0	—					
f_4	16	#5	6'-6	—					
N_3	36	#5	6'-6	—					
d_1	35	#5	3'-0	—					
d_2	26	#5	3'-0	—					
d_4	32	#6	7'-3	1	2'-9	4'-6			

BAR	NO.	SIZE	LENGTH	DETAIL	DIMENSIONS A	B	C	D	E
			WEST END	RETAINING	WALL				
h_8	26	#4	28'-0	—					
V_2	29	#5	11'-9	—					
V_3	29	#4	11'-9	—					
d_2	29	#5	9'-0	1	5'-0	4'-0			
d_3	29	#5	3'-0	—					
f_1	12	#5	30'-0	—					
W_1	31	#5	7'-3	—					
W_2	31	#5	5'-0	—					
			DECK						
a_1	661	#5	35'-5	—					
a_2	526	#5	10'-8	—					
a_3	1062	#4	4'-10	5	1'-2	2'-6	1"		
b_1	2016	#7	27'-0	—					
b_2	80	#4	23'-6	—					
b_3	32	#4	13'-9	—					
b_4	40	#4	28'-0	—					
b_5	62	#6	3'-0	7	1'-0	8"	1'-0		
b_6	992	#4	3'-4	12	1'-0	1'-4"	1'-0		
b_7	63	#7	27'-0	—					



DETAIL 1



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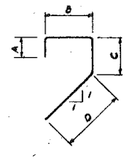

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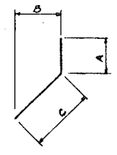

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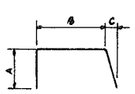

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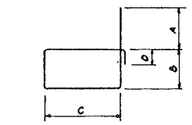

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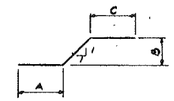

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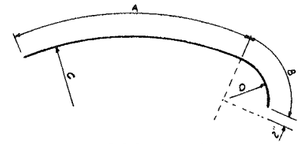

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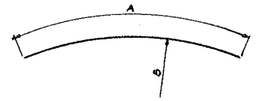
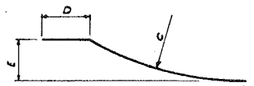
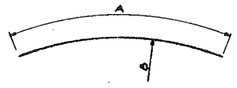


DETAIL 9

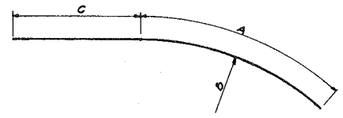


ELEVATION

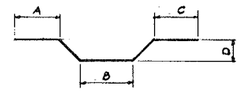


PLAN

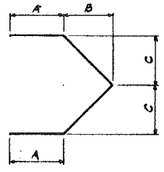
DETAIL 10



DETAIL 11



DETAIL 12



DETAIL 13

ILLINOIS DIVISION OF HIGHWAYS
ROCKFORD BYPASS
F. A. ROUTE 194
PROJECT _____ SECTION 381
WINNEBAGO COUNTY
REINFORCING SCHEDULE

MACCABEE, CAMPBELL & ASSOCIATES CONSULTING ENGINEERS
[illegible] WEST JACKSON STREET CHICAGO, ILLINOIS

Designed By: Drawn By: G.W.G. Checked By:

FOR INFORMATION ONLY