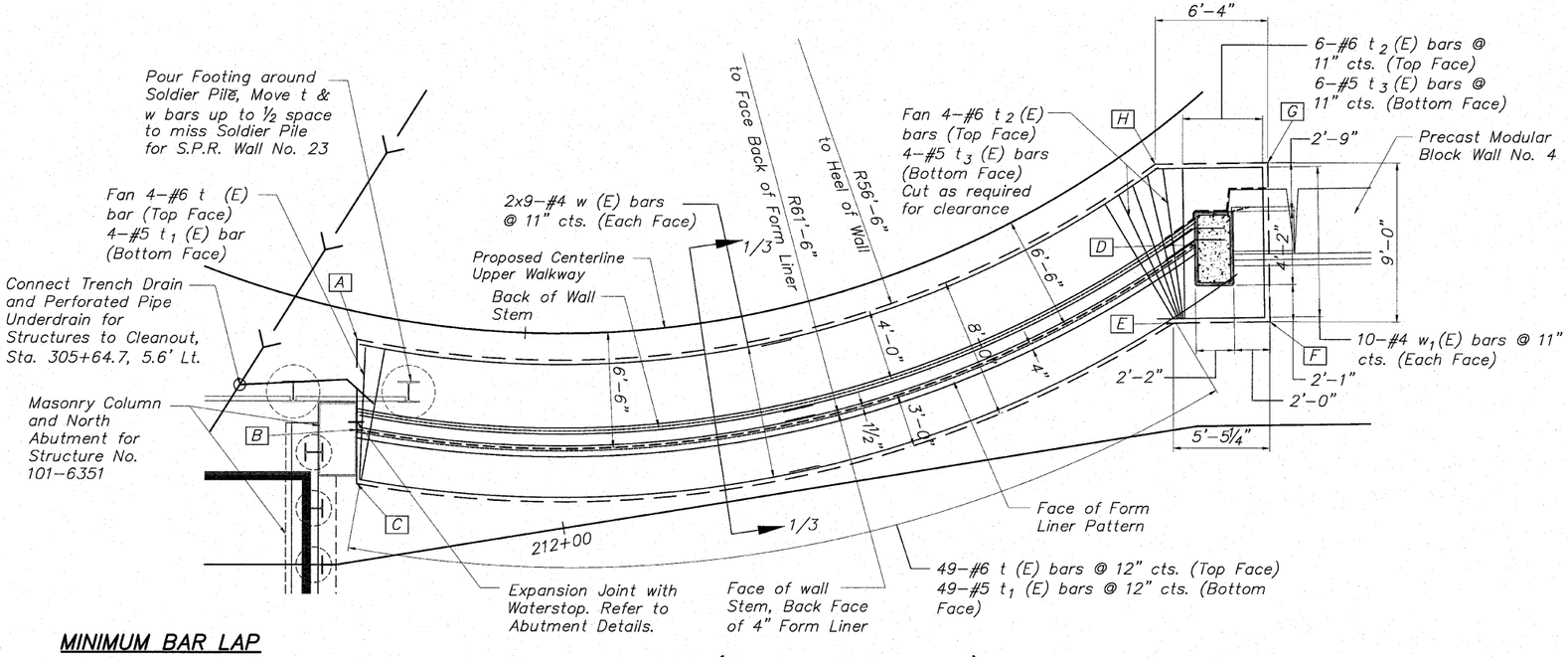
STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION



SCALES:

PLAN: 1"= 4'

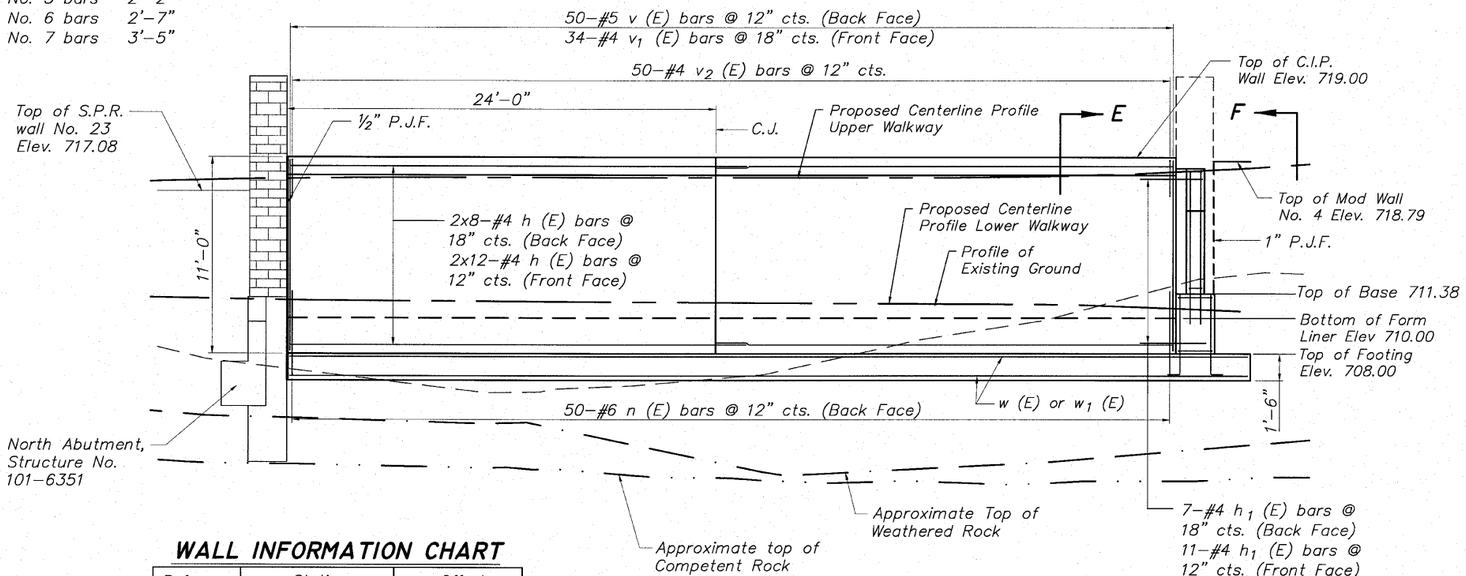
PROFILE: 1" = 4' HORIZONTAL
1" = 4' VERTICAL

0 4 8
Scale in Feet

MINIMUM BAR LAP

No. 4 bars	1'–8"
No. 5 bars	2'–2"
No. 6 bars	2'–7"
No. 7 bars	3'–5"

PLAN (Showing reinforcement)



ELEVATION (Showing Reinforcement)

WALL INFORMATION CHART

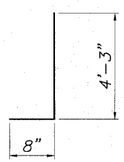
Reference Point	Station	Offset
A	305+59.25	1.50' Lt.
B	305+58.34	6.50' Lt.
C	305+57.86	9.50' Lt.
D	305+13.90	6.50' Lt.
E	305+16.93	9.50' Lt.
F	305+13.16	12.51' Lt.
G	305+08.39	5.42' Lt.
H	305+13.08	1.50' Lt.

BILL OF MATERIAL

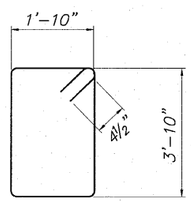
Bar	No.	Size	Length	Shape
h (E)	40	#4	26'–6"	R=60'
h1(E)	18	#4	3'–8"	
n (E)	50	#6	5'–4"	
s (E)	4	#5	12'–1"	
s1(E)	5	#5	8'–5"	
s2(E)	6	#5	6'–0"	
v (E)	50	#5	10'–8"	
v1(E)	34	#4	10'–8"	
v2(E)	50	#4	4'–8"	
v3(E)	12	#4	4'–11"	
v4(E)	8	#4	8'–6"	
t (E)	50	#6	7'–6"	
t1(E)	50	#5	7'–6"	
t2(E)	10	#6	8'–6"	
t3(E)	10	#5	8'–6"	
w (E)	36	#4	26'–6"	R=60'
w1(E)	20	#4	6'–1"	

Concrete Structures	Cu. Yd.	53.4
Reinforcement Bars (Epoxy Coated)	Pound	4,270
Form Liner Textured Surface	Sq. Ft.	398
Rubbed Finish	Sq. Ft.	235
Pipe Underdrain for Structures	Foot	55

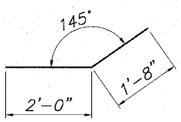
BAR v2(E)



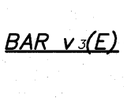
BAR v3(E)



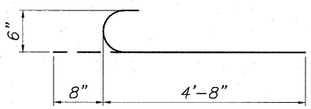
BAR s (E)



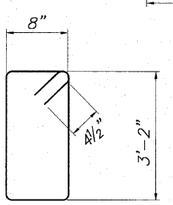
BAR h1 (E)



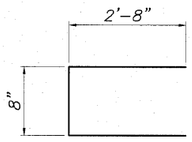
BAR n (E)



BAR s1(E)



BAR s2(E)



C.I.P. WALL No. 30 DETAILS PEDESTRIAN RIVERWALK ALONG THE ROCK RIVER WINNEBAGO COUNTY SECTION NO. 06–00543–00–BT STATION 305+58.34 TO STATION 305+13.90

DESIGNED	JWH
CHECKED	AAG
DRAWN	JAW
CHECKED	JWH

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Design Firm License: Illinois#184–000816

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SHEET NO. 2

3 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00543-00-BT	WINNEBAGO	148	107
		CONTRACT NO.		85521
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

H:\108-008 Riverwalk Museum\Design\Drawings\Structural\GPAE\08-008 CIP-WALL 30.dwg, DETAILS 2of3 (8), 9/2/2010 10:51:30 PM, JWH