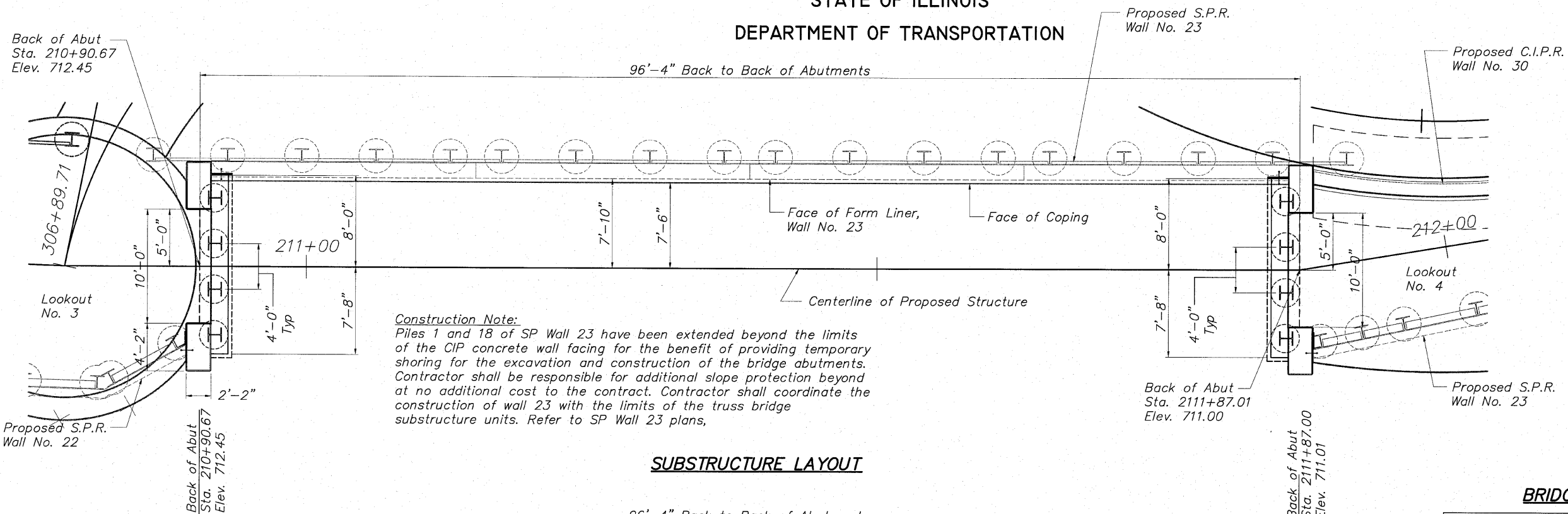
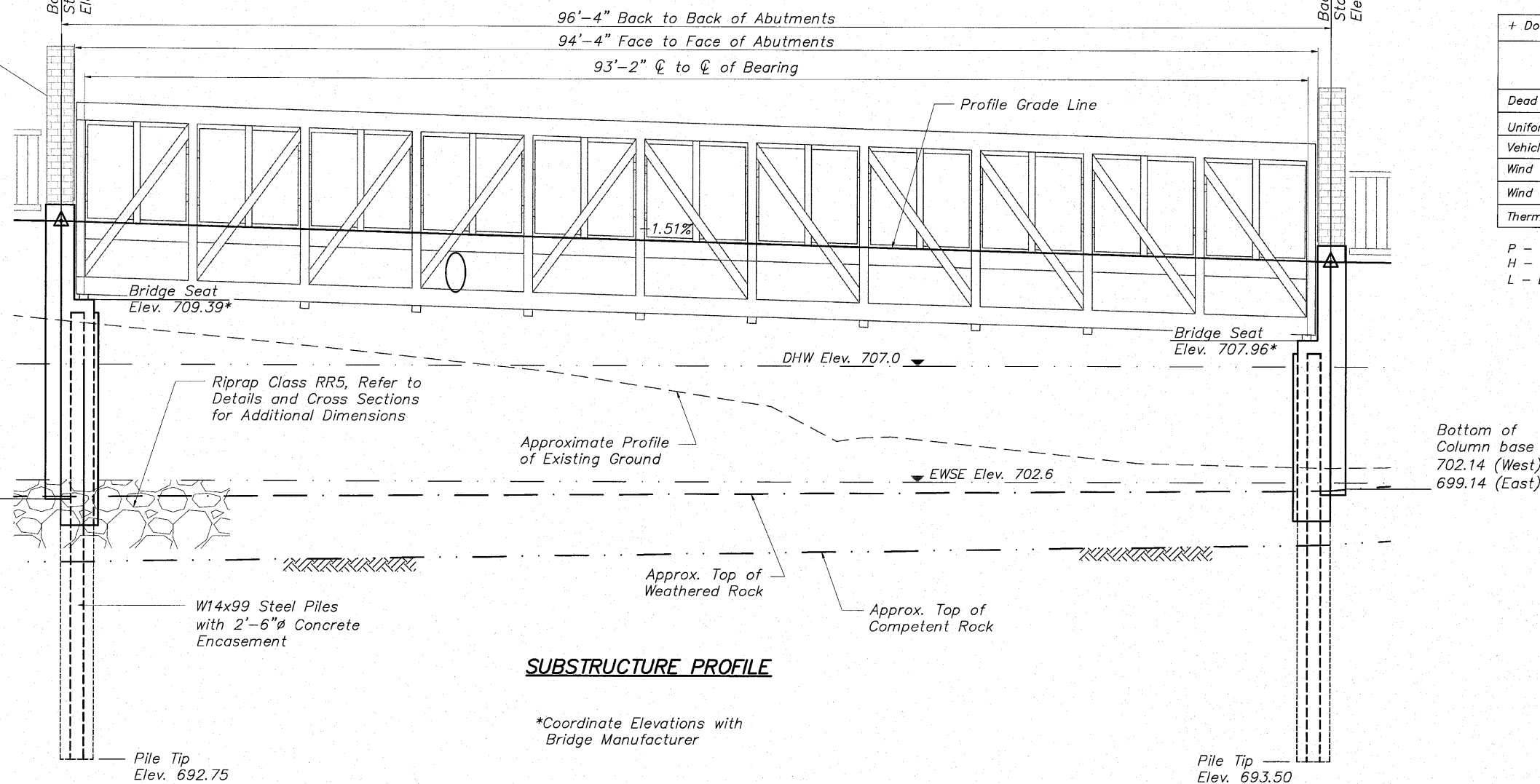


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



**SUBSTRUCTURE LAYOUT**

Decorative C.M.U. Column (Typical), Refer to Landscape Architect Details



**SUBSTRUCTURE PROFILE**

\*Coordinate Elevations with Bridge Manufacturer

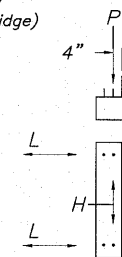
SCALES:  
PLAN: 1" = 5'  
PROFILE: 1" = 5' HORIZONTAL  
1" = 2.5' VERTICAL

0 5 10  
Scale in Feet

**BRIDGE REACTIONS**

	+ Downward Load			- Upward Load		
	P (Kips)	H (Kips)	L (Kips)	P (Kips)	H (Kips)	L (Kips)
Dead Load	40.3					
Uniform Live Load	22.1					
Vehicle Load	10.0					
Wind Uplift	-9.0					
Wind	3.9	12.4				
Thermal						5.2

P - Vertical Load Each Base Plate (4 per Bridge)  
H - Horizontal Load per Abutment (2 per Bridge)  
L - Longitudinal Load Each Base Plate (4 per Bridge)



**SUBSTRUCTURE LAYOUT  
PEDESTRIAN TRUSS BRIDGE  
PEDESTRIAN RIVERWALK  
ALONG THE ROCK RIVER  
WINNEBAGO COUNTY  
SECTION NO. 06-00543-00-BT  
STATION 210+90.67 TO  
STATION 211+87.01  
STRUCTURE NO. 101-6351**

DESIGNED	CTB
CHECKED	AAG
DRAWN	JAW
PEER REVIEWED	

**McClure**  
Engineering Associates, Inc.  
7282 Argus Drive  
Rockford, Illinois 61107-5837  
(815) 398-2332 Fax (815) 398-2466  
Design Firm License: Illinois #184-000816

SHEET NO. 2  
8 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00543-00-BT	WINNEBAGO	148	68
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO.	85521	
		FED. AID PROJECT		