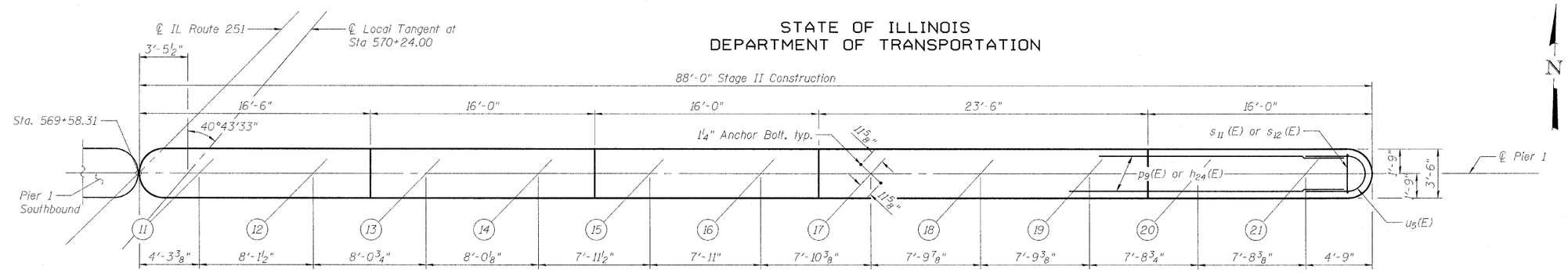
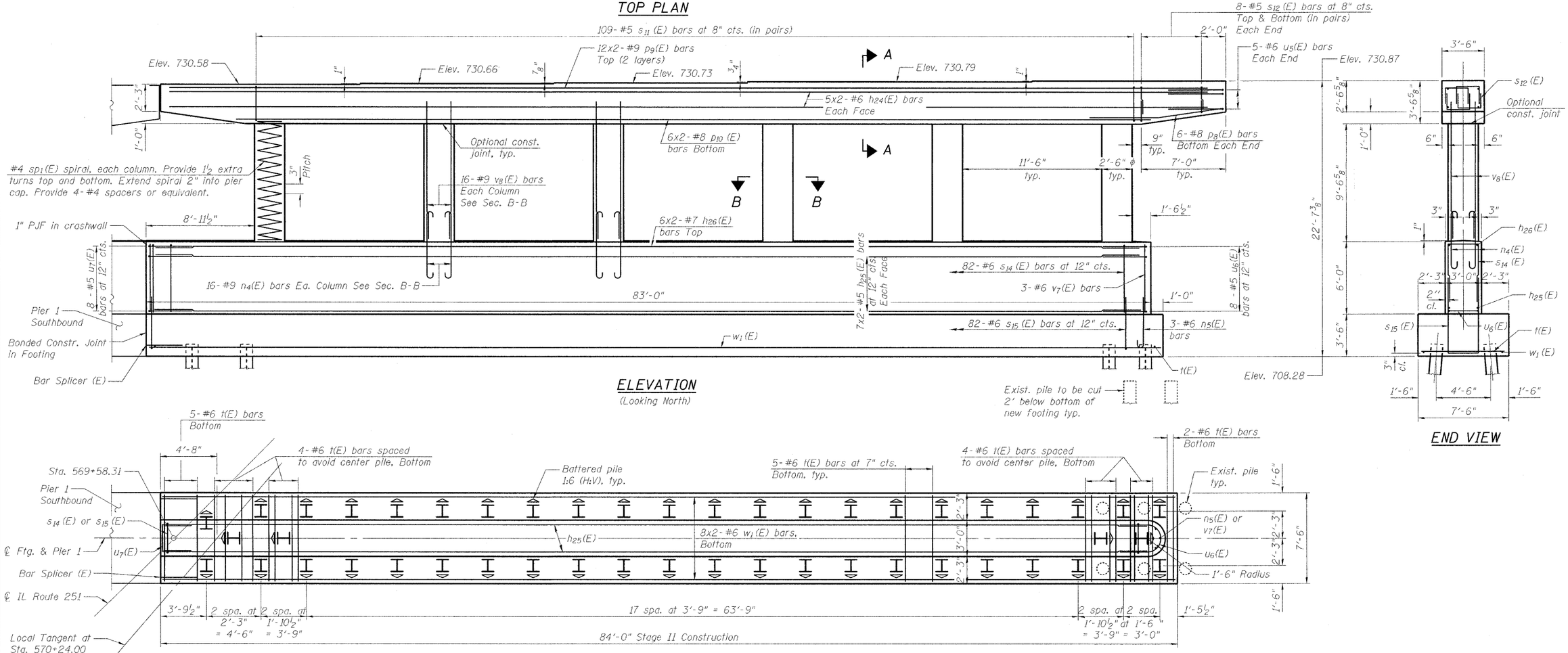
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



TOP PLAN



ELEVATION
(Looking North)

END VIEW

FOOTING PLAN

PILE DATA

Type: Steel HP 12x53 with pile shoes
Nominal Required Bearing: 318 kips
Factored Resistance Available: 175 kips
Est. Length: 23 ft
No. Production Piles: 48
No. Test Piles: 0

MINIMUM BAR LAPS

(Piers)
#5 Bar - 3'-3"
#6 Bar - 3'-10"
#7 Bar - 5'-10"
#8 Bar - 6'-9"
#9 Bar - 9'-8"

PIER 1 - NORTHBOUND
STRUCTURE NO. 101-0190

SHEET NO. 52	F.A.• RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
61 SHEETS	*	1-HBR & 1-2HB-D	WINNEBAGO	216	107
	IL RTE 251 & FOREST HILLS RD		CONTRACT NO. 64B79		
	FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

* F.A.P. 303 & F.A.U. 5146

DESIGNED -	JY
CHECKED -	GSP
DRAWN -	MJB
CHECKED -	JY

ENTRAN

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