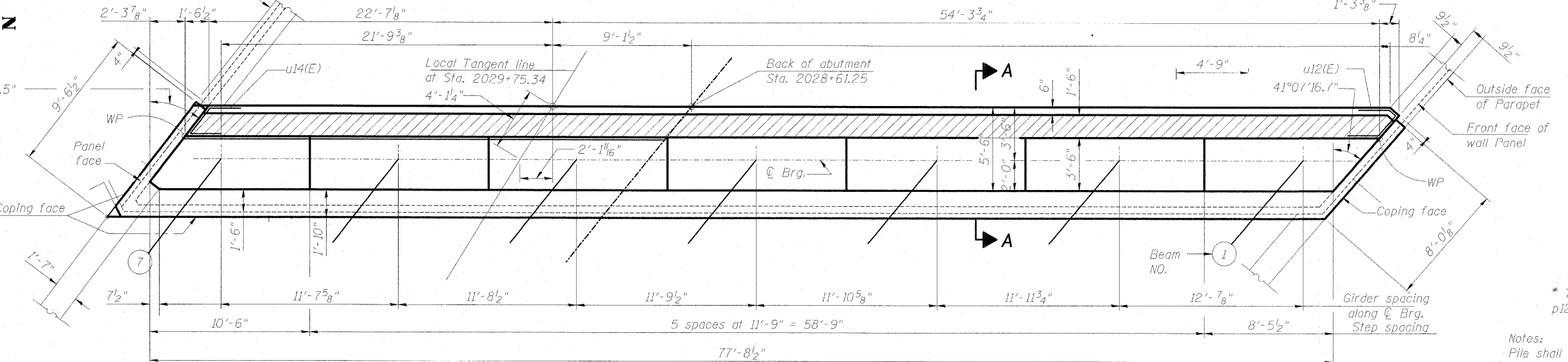
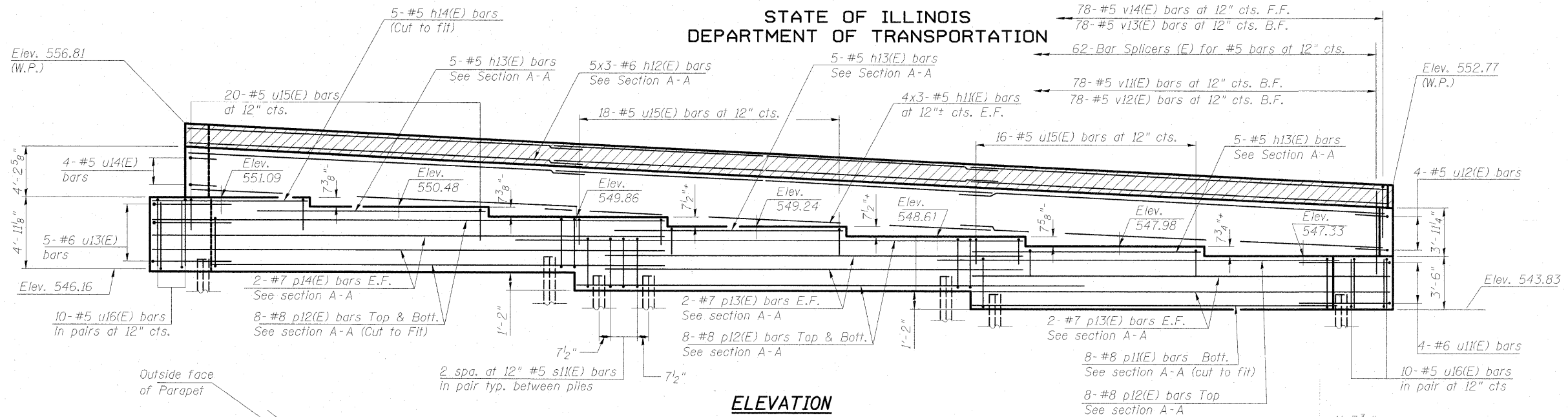


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



PILE DATA
 Type: HP 12x53
 Nominal Required Bearing: 419 kips
 Factored Resistance Available: 139 kips
 Est. Length: 22 ft
 No. Production Piles: 24 (Including test pile)
 No. Test Piles: 1

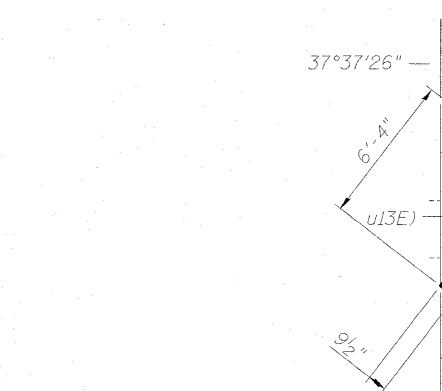
MINIMUM BAR LAP
(Abutment)

Other bars		*Top bars	
#5 bar = 2'-2"	#7 bar = 4'-10"	#7 bar = 4'-10"	#8 bar = 6'-4"
#6 bar = 2'-7"	#8 bar = 6'-4"	#8 bar = 6'-4"	#9 bar = 5'-9"
#7 bar = 3'-5"	#9 bar = 5'-9"	#9 bar = 5'-9"	#10 bar = 7'-3"
#8 bar = 4'-6"	#10 bar = 7'-3"	#10 bar = 7'-3"	

* Top bar minimum lap lengths are to include p12(E), p13(E) and p14(E) bars.

Notes:
 Pile shall be driven prior to placement of the reinforced select fill and coated with coal tar epoxy from the bottom of the select fill to 1" above the base of the abutment. The cost of the coal tar epoxy coating shall be included with the cost of the Furnishing Piles.

For Section A-A see Sheet no. SC-26.



WEST ABUTMENT PLAN & ELEVATION
STRUCTURE NO. 099-0348

DESIGNED	MJL
CHECKED	MGB
DRAWN	RJ
CHECKED	BKB

McDonough Associates Inc.
 Engineers / Architects
 130 East Randolph Street
 Chicago, Illinois 60601
 (312) 946-8600

SHEET NO.	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SC-24	55	(99-1&2) R-6	WILL	756	550
SHEETS				CONTRACT NO. 60F12	
SC-37			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		