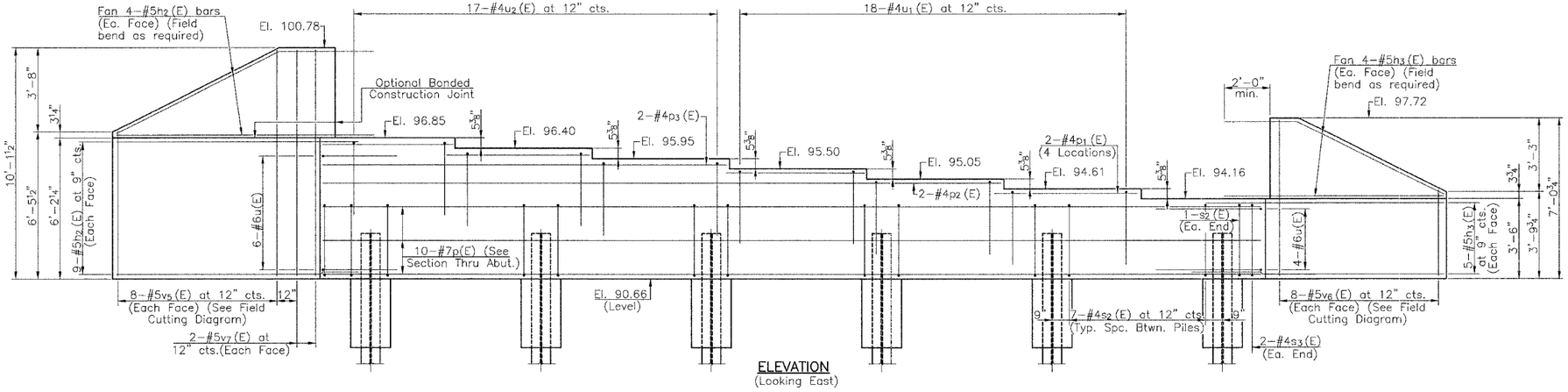
CONTRACT NO. 93428

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C.H. 28	*	**	24	18

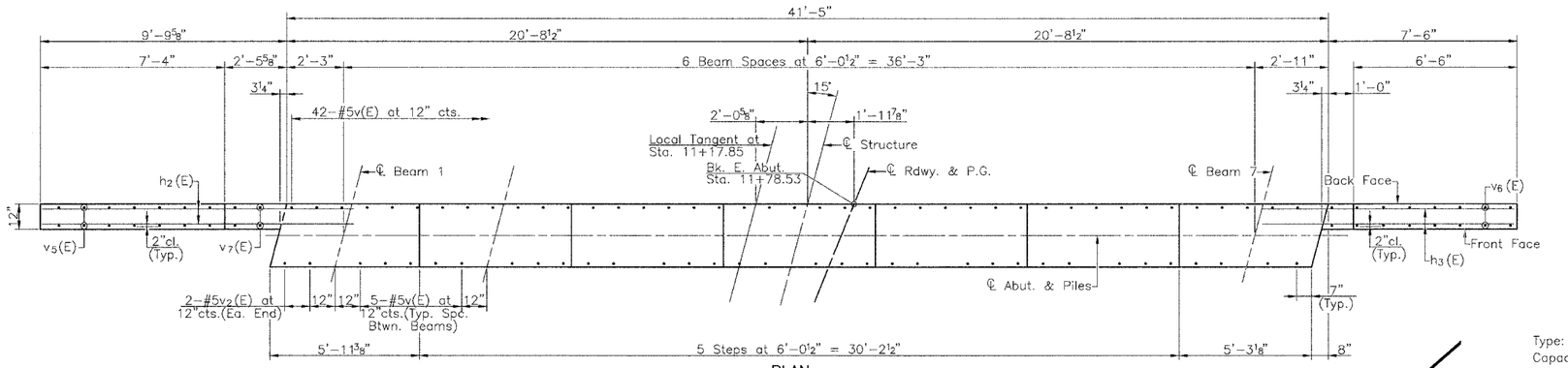
PROJECT BRS-1741(103)

* 03-00085-00-BR & 03-00126-00-BR
** MACOUPIN COUNTY & MONTGOMERY COUNTY

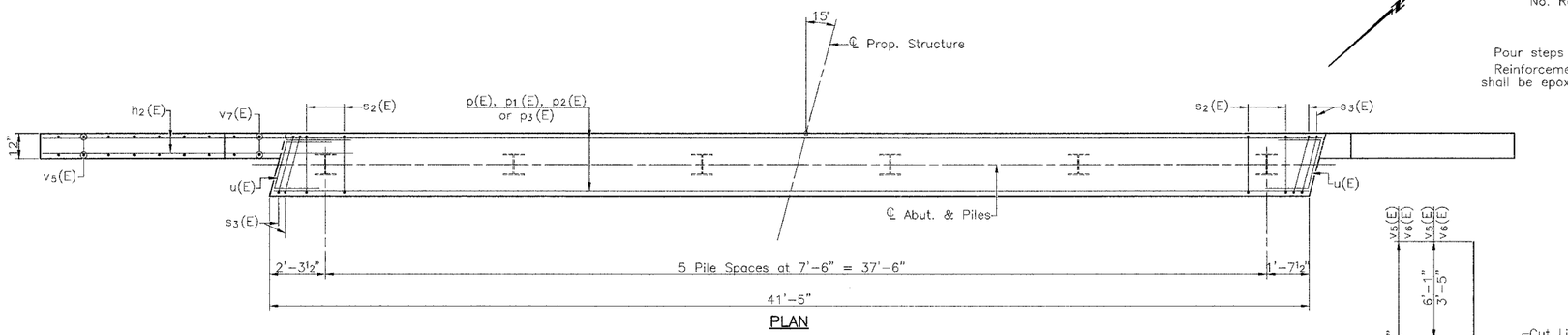
Sheet 14 of 17



ELEVATION
(Looking East)



PLAN



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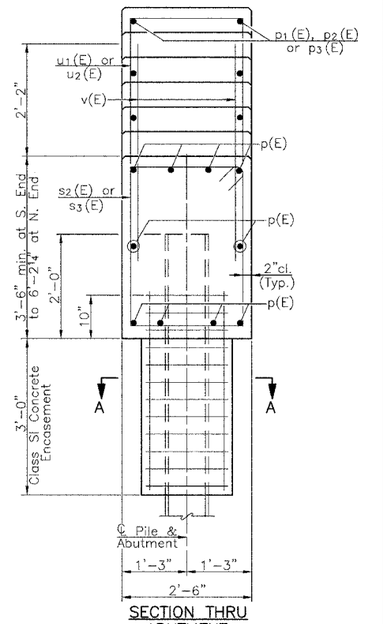


SECTION THRU ABUTMENT

PILE DATA

E. Abut.

Type:	Steel HP10x42
Capacity:	Refusal
Est. Length:	26'
No. Req'd.:	5 + 1 Test Pile

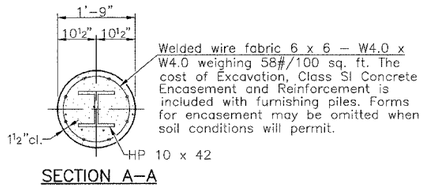
NOTES

Pour steps monolithically with caps. Reinforcement bars designated (E) shall be epoxy coated.

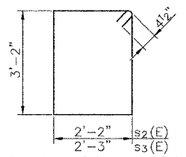
EAST ABUTMENT BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h2(E)	26	#5	11'-6"	——
h3(E)	18	#5	9'-6"	——
p(E)	10	#7	41'-1"	——
p1(E)	8	#4	6'-0"	——
p2(E)	2	#4	29'-0"	——
p3(E)	2	#4	17'-0"	——
s2(E)	37	#4	11'-5"	⌐
s3(E)	4	#4	11'-7"	⌐
u(E)	10	#6	10'-2"	⌐¬
u1(E)	18	#4	8'-6"	⌐¬
u2(E)	17	#4	11'-2"	⌐¬
v(E)	76	#5	4'-8"	——
v5(E)	8	#5	15'-10"	——
v6(E)	8	#5	10'-1"	——
v7(E)	4	#5	9'-9"	——

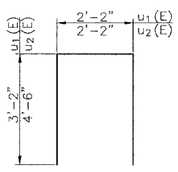
Structure Excavation	Cu. Yd.	30
Concrete Structures	Cu. Yd.	23.3
Reinforcement Bars, Epoxy Coated	Pound	2750
Furnishing Steel Piles HP 10 x 42	Foot	130
Driving Steel Piles	Foot	130
Test Pile, Steel HP 10x42	Each	1



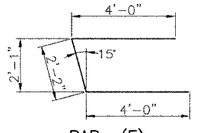
SECTION A-A



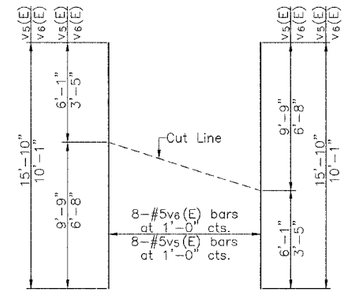
BARS s2(E) & s3(E)



BARS u1(E) & u2(E)



BAR u(E)



v5(E) & v6(E) CUT DIAGRAM

Note: Order v bars full length. Lay out in field as shown. Cut along cut line. Use remainder of bar in opposite face of wingwall.

EAST ABUTMENT
C.H. 28 OVER MACOUPIN CREEK
SECTION 03-00085-00-BR
MACOUPIN COUNTY
SECTION 03-00126-00-BR
MONTGOMERY COUNTY

FILE NAME: MACBRABE (REV. 9/6/06)