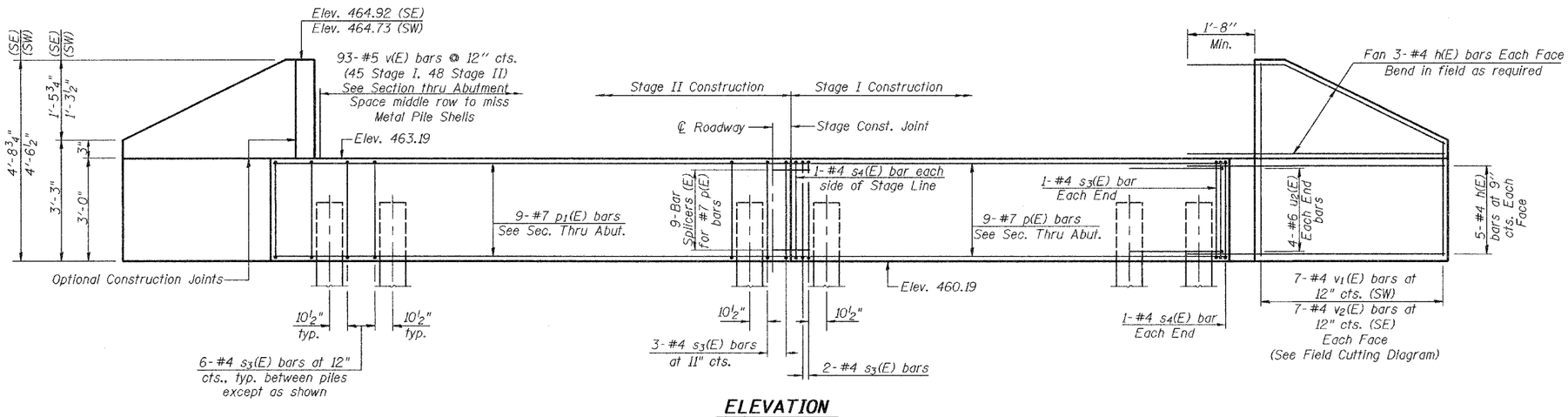
Notes:
Pour steps monolithically with cap.
Reinforcement bars designated (E) shall be epoxy coated.
For bar splicer details see sheet 11 of 14.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

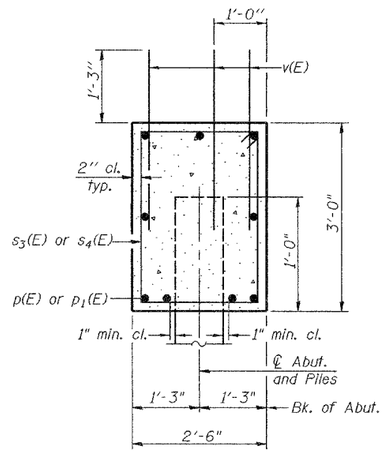
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 669	11BR-2	TAZEWELL	442	264
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 9
14 SHEETS

Contract #88804



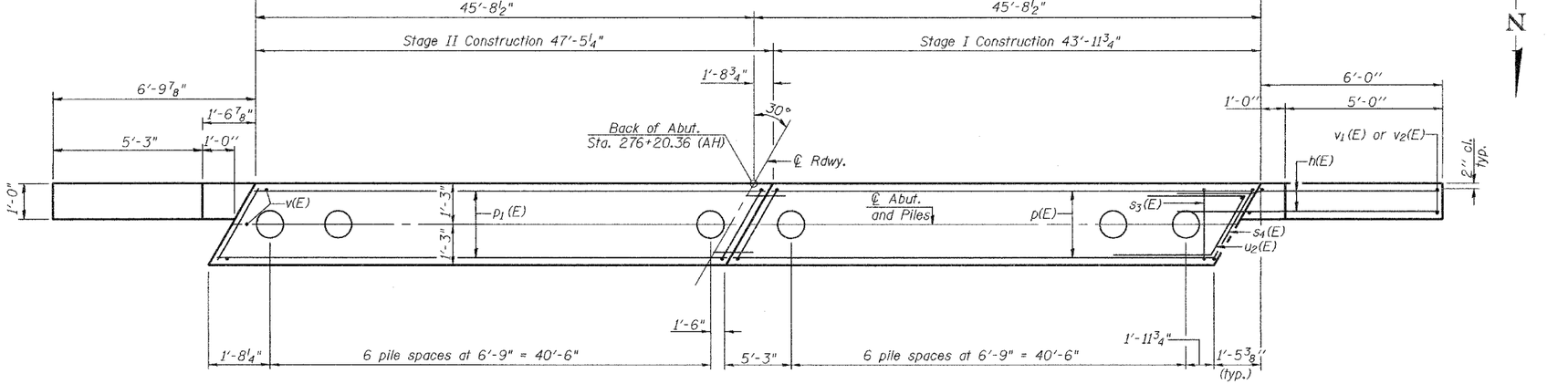
ELEVATION
(Looking South)



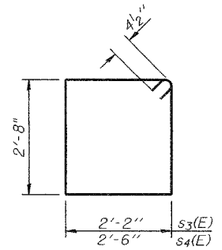
SECTION THRU ABUTMENT

PILE DATA

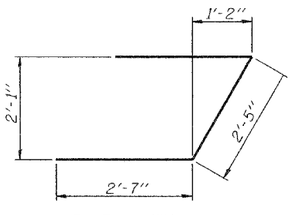
Type: 14" ϕ Metal Pile Shells
Design Capacity: 35 Ton
Est. Length: 50'
No. Required: 13+1 Test Pile



PLAN



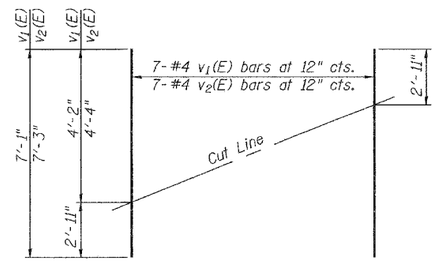
BAR s3(E) & s4(E)



BAR u2(E)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)	32	#4	8'-9"	——
p(E)	9	#7	43'-7"	——
p1(E)	9	#7	47'-1"	——
s3(E)	79	#4	10'-5"	□
s4(E)	4	#4	11'-1"	□
u2(E)	8	#6	7'-7"	⌐
v(E)	279	#5	2'-6"	——
v1(E)	14	#4	7'-1"	——
v2(E)	14	#4	7'-3"	——
Concrete Structures			Cu. Yd.	27.3
Reinforcement Bars, Epoxy Coated			Pound	3390
Structure Excavation			Cu. Yd.	142.6
Furnishing Metal Pile Shells 14" ϕ			Foot	650
Driving & Filling Shells			Foot	650
Test Pile Metal Shells			Each	1



FIELD CUTTING DIAGRAM

Order v1(E) and v2(E) full length. Cut as shown and use remainder of bars in opposite face.

DESIGNED	Philip E Coppernoll
CHECKED	Ray Ahanchi
DRAWN	Amber M. Saiber
CHECKED	PEC/GRA

May 5 2006
EXAMINED Thomas J. Domagalski
ENGINEER OF BRIDGE DESIGN
PASSED Ralph E. Anderson
ENGINEER OF BRIDGES AND STRUCTURES

SOUTH ABUTMENT
F.A.P. ROUTE 669-SEC. 11BR-2
TAZEWELL COUNTY
STATION 275+77.36
STRUCTURE NO. 090-0174

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