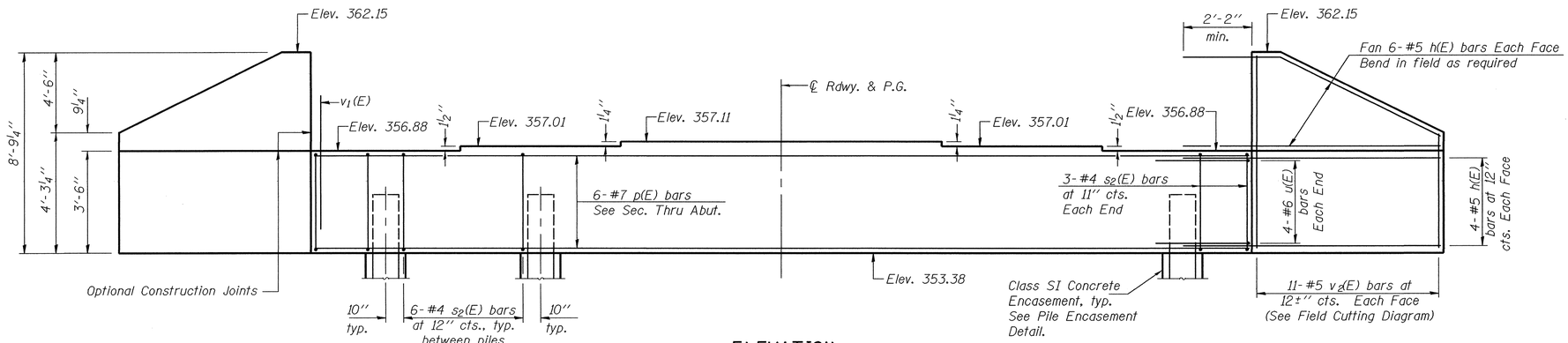
Notes: Pour steps monolithically with cap.
Reinforcement bars designated (E) shall be epoxy coated.
Space reinforcement in cap to miss Anchor Bolts.
For Anchor Bolt installation details see sheet 15 of 34.

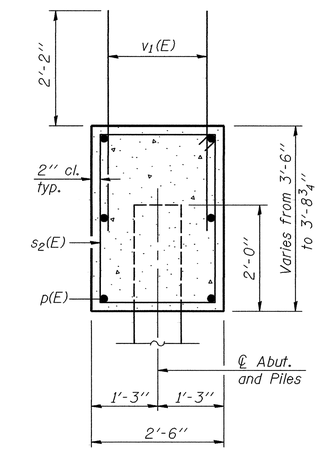
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 885	5B-1	HARDIN		42
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 16
34 SHEETS
98648



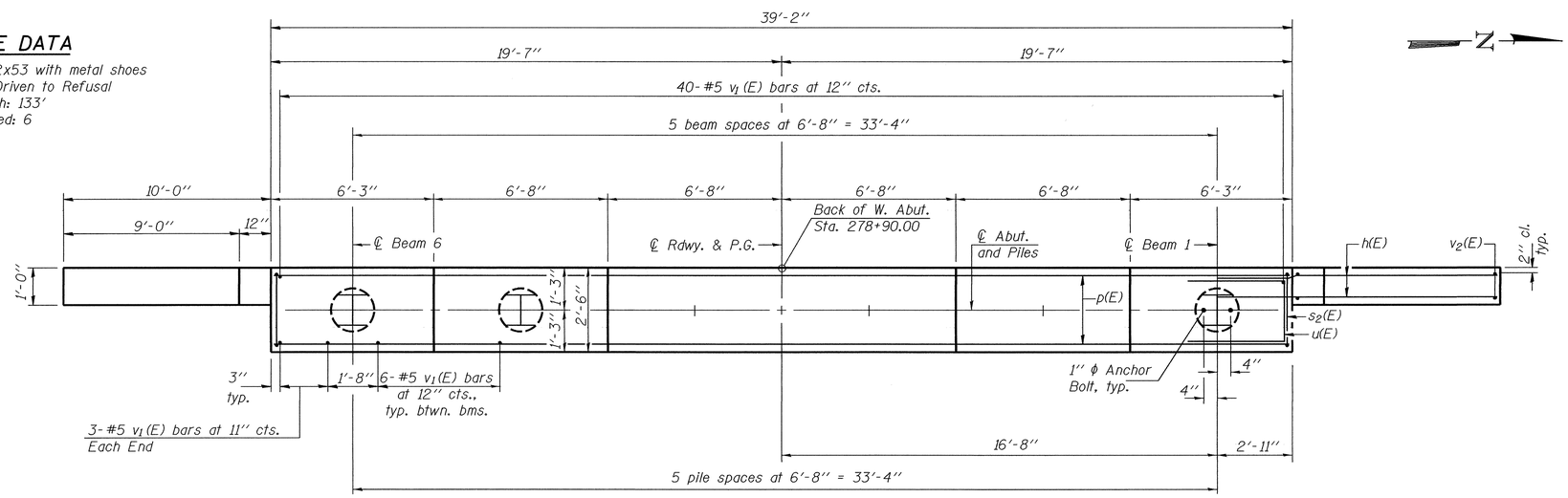
ELEVATION
(Looking West)



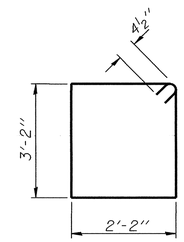
SEC. THRU ABUT.

PILE DATA

Type: HP12x53 with metal shoes
Capacity: Driven to Refusal
Est. Length: 133'
No. Required: 6



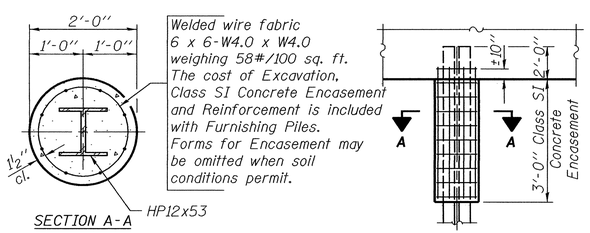
PLAN



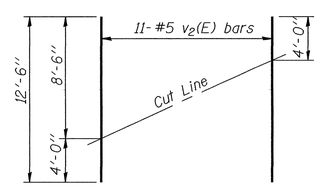
BAR s_2(E)

BILL OF MATERIAL

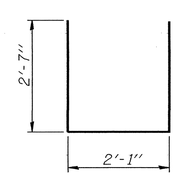
Bar	No.	Size	Length	Shape
h(E)	40	#5	13'-0"	
p(E)	6	#7	38'-10"	
s_2(E)	36	#4	11'-5"	
u(E)	8	#6	7'-3"	
v_1(E)	76	#5	4'-4"	
v_2(E)	22	#5	12'-6"	
Concrete Structures			Cu. Yd.	18.1
Reinforcement Bars, Epoxy Coated			Pound	2010
Structure Excavation			Cu. Yd.	123.0
Furnishing Steel Piles HP12x53			Ft.	798
Metal Shoes			Each	6
Driving Steel Piles			Ft.	798



PILE ENCASEMENT DETAIL



FIELD CUTTING DIAGRAM
Order v_2(E) full length. Cut as shown and use remainder of bars in opposite face.



BAR u(E)

DESIGNED	T.L.K.
CHECKED	J.E.K.
DRAWN	BECKY M. CURRY
CHECKED	T.L.K. & T.R.B.

AI-0 10-31-02

January 15, 2004
EXAMINED Thomas J. Domagalski
ENGINEER OF BRIDGE DESIGN
PASSED Ralph E. Anderson
ENGINEER OF BRIDGES AND STRUCTURES

WEST ABUTMENT
F.A.P. ROUTE 885 - SECTION 5B-1
HARDIN COUNTY
STATION 280+80.00
STRUCTURE NO. 035-0014

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