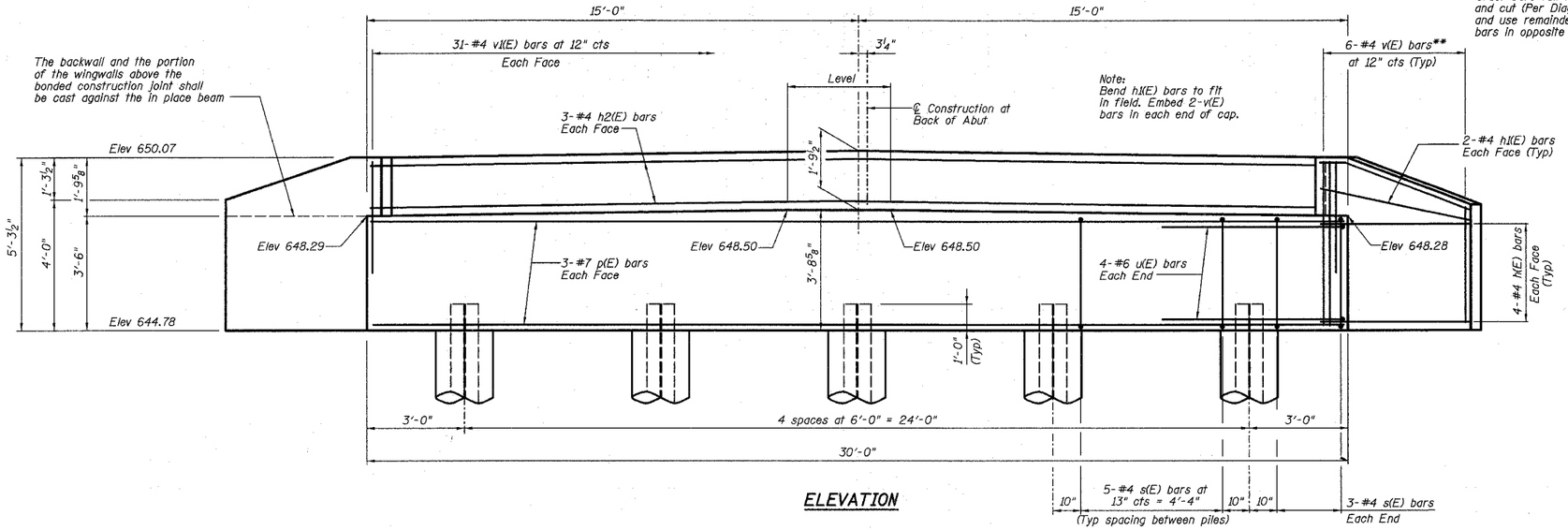
91334

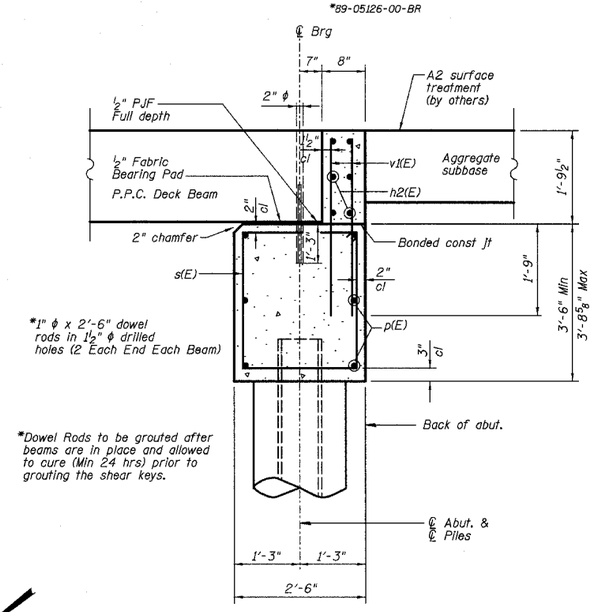
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TR 137A	*	EDGAR	18	10
FED.ROAD DIST.NO.		ILLINOIS	PROJECT	

Sheet No 5 of 5 Sheets

*89-05126-00-BR

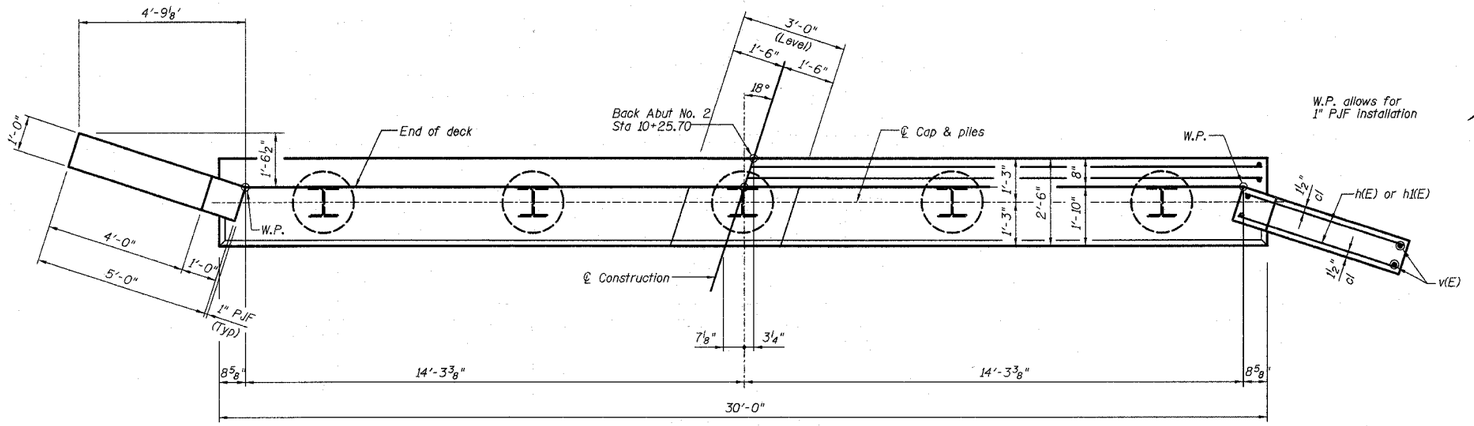


ELEVATION



SECTION THRU ABUTMENT

(Dimensions at Rt L's)



PLAN

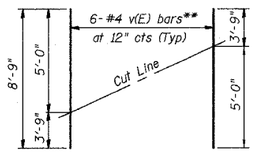
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)	16	#4	5'-10"	——
h1(E)	8	#4	5'-0"	——
h2(E)	6	#4	29'-8"	——
p(E)	6	#7	29'-8"	——
s(E)	26	#4	11'-3"	
u(E)	8	#6	13'-1"	
v(E)	12	#4	8'-9"	——
v1(E)	62	#4	3'-8"	——
Structure Excavation		Cu Yd		55.5
Concrete Structures		Cu Yd		13.4
Reinforcement Bars (Epoxy Coated)		Pound		1030
Furnishing steel HP10x42 Piles		Foot		105
Driving Piles		Foot		105

Reinforcement bars designated (E) shall be epoxy coated.

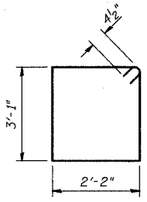
PILE DATA:

Type: HP 10x42
Capacity: 34 Ton driven to 51 Ton bearing
Est. Length: 21'
No. Req'd: 5

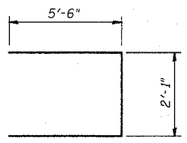


FIELD CUTTING DIAGRAM

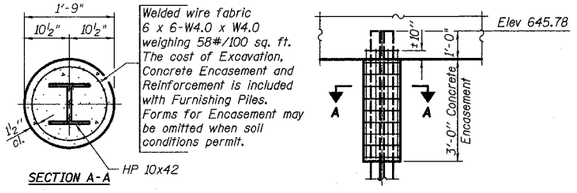
**Order v(E) full length. Cut as shown and use remainder of bars in opposite face.



BARS s(E)



BAR u(E)



PILE ENCASEMENT DETAIL

ABUTMENT NO. 2 DETAILS

REVISIONS		
No.	DATE	INITIALS
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		

TR 137A OVER TRIBUTARY OF CATFISH CREEK

TR 137A SEC 89-05126-00-BR

SN 023-4424

EDGAR COUNTY

HOMER L. CHASTAIN & ASSOCIATES, LLP
CONSULTING ENGINEERS
184-001397

DRAWN BY / DATE	R King 11/04
CHECKED BY / DATE	JMB 11/04
QA/QC BY / DATE	CWC 11/04
BOOK NUMBER	469
PROJECT No.	4817
SHEET No.	