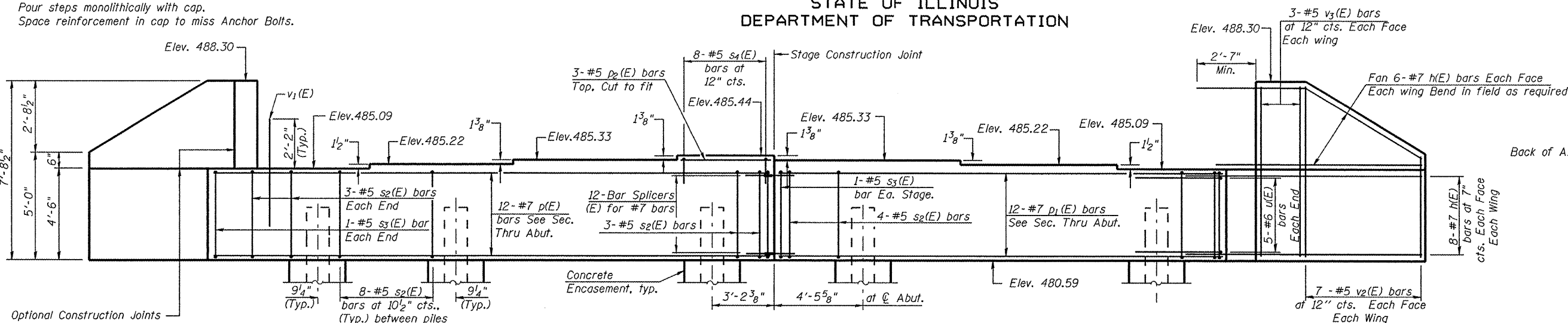
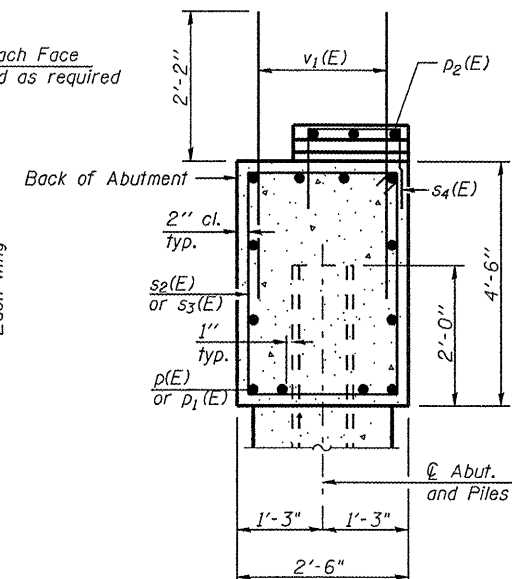


Notes:
Pour steps monolithically with cap.
Space reinforcement in cap to miss Anchor Bolts.

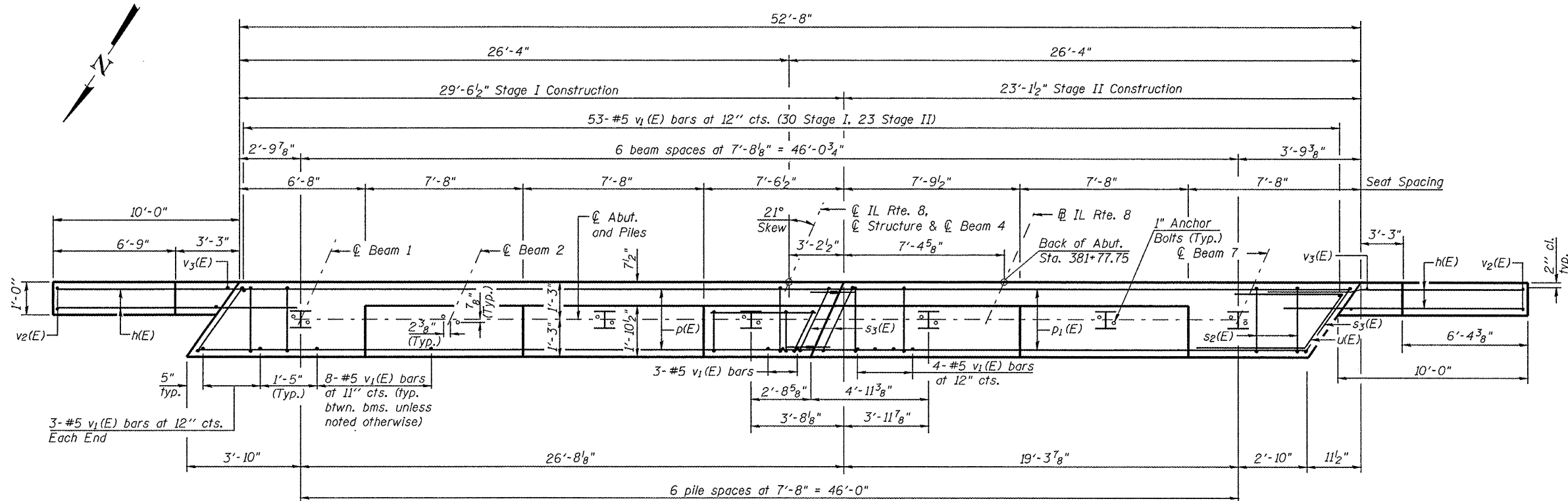
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



ELEVATION
(Looking South)



SEC. THRU ABUT.

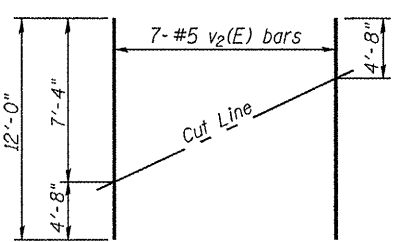


PLAN

BILL OF MATERIAL

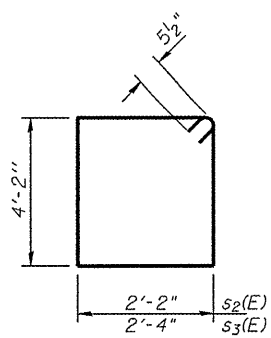
Bar	No.	Size	Length	Shape
h(E)	56	#7	13'-0"	
p(E)	12	#7	29'-3"	
p1(E)	12	#7	22'-10"	
p2(E)	3	#5	7'-1"	
s2(E)	53	#5	13'-7"	
s3(E)	4	#5	13'-11"	
s4(E)	8	#5	5'-10"	
u(E)	10	#6	7'-5"	
v1(E)	106	#5	4'-4"	
v2(E)	14	#5	12'-0"	
v3(E)	12	#5	7'-4"	
Structure Excavation		Cu. Yd.	153	
Concrete Structures		Cu. Yd.	27.5	
Reinforcement Bars, Epoxy Coated		Pound	4510	
Furnishing Steel Piles HP12x53		Foot	441	
Driving Piles		Foot	441	
Concrete Encasement		Cu. Yd.	2.5	

For details of Bar Splicers, see sheet 19 of 22.
For details of piles and Concrete Encasement, see sheet 21 of 22.
For Drainage Details, see sheet 2 of 22.

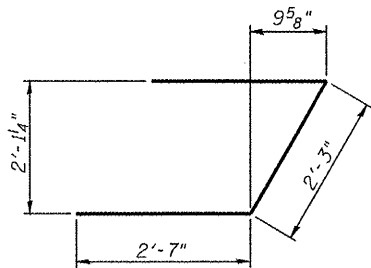


FIELD CUTTING DIAGRAM

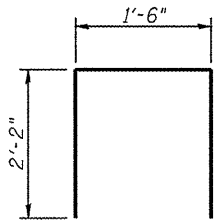
Order v2(E) full length. Cut as shown and use remainder of bars in opposite face.



BARS s2(E) & s3(E)



BAR u(E)



BAR s4(E)

PILE DATA

Type: Steel HP 12x53
Nominal Required Bearing: 419
Factored Resistance Available: 210
Est. Length: 63 ft
No. Production Piles: 7

**SOUTH ABUTMENT
STRUCTURE NO. 072-0227**

E LIN ENGINEERING, LTD. Consulting Engineers Chatham, Illinois Designed By: TBP Date: 03/2009 Checked By: KHH File: 072-0227.dgn Drawn By: TBP	SHEET NO. 16	F.A.U. RTE. 6658	SECTION (ZC-15D-BR)BR	COUNTY PEORIA	TOTAL SHEETS 49	SHEET NO. 29
	22 SHEETS	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68478	