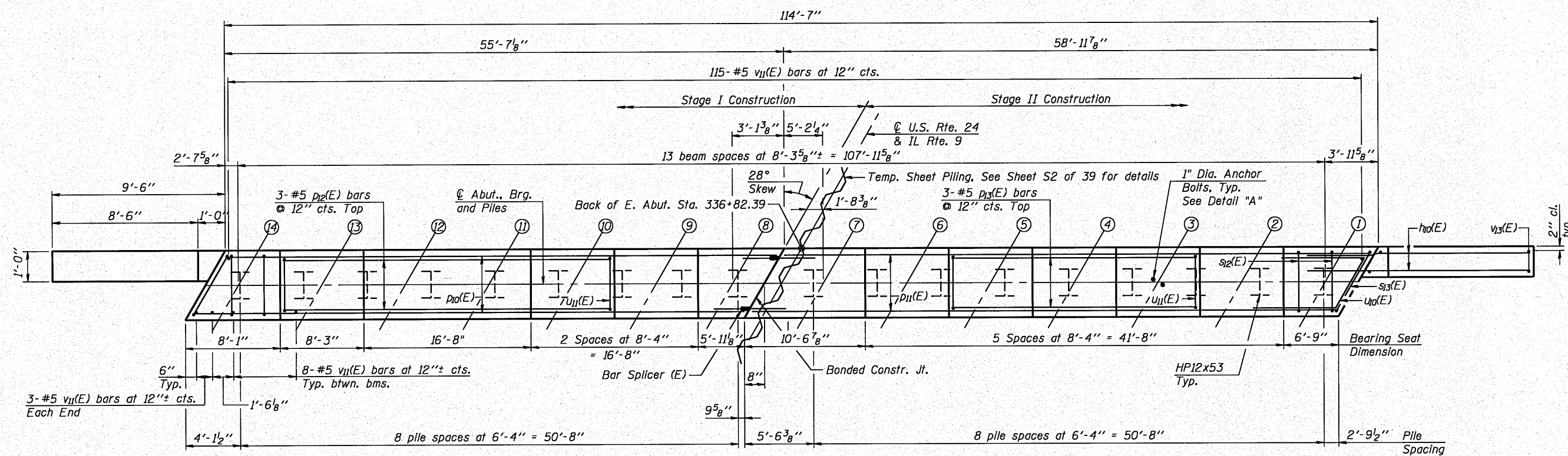
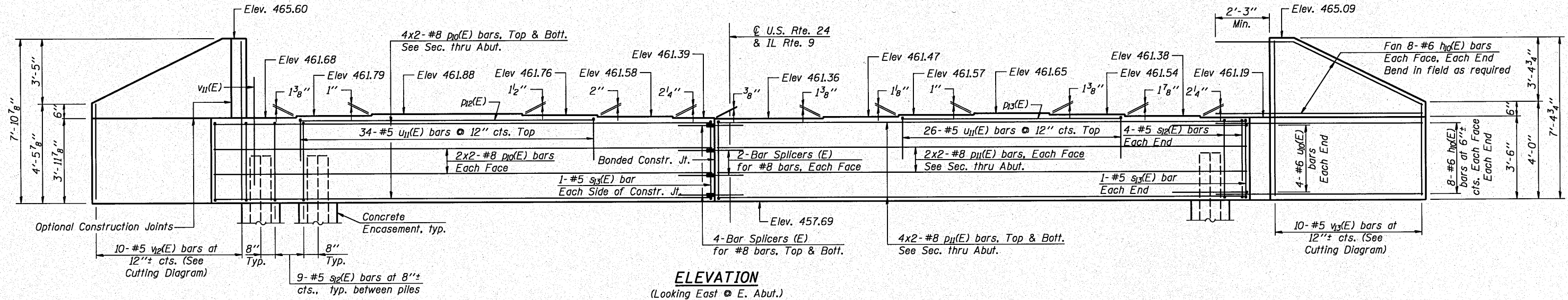


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



PILE DATA

Pile Type and Size: Steel HP12x53 with Pile Shoes
 Nominal Required Bearing: 419 kip
 Factored Resistance Available: 230 kip
 Est. Length: 44 ft (See Note 4)
 No. Production Piles Per Abutment: 17
 No. Test Piles per Abutment: 1
 Estimated Top of Rock Elevation: 420

- NOTES**
- See Sheet S27 of 39 for Detail "A" and Abutment Details.
 - Bars indicated thus 20x3-#5 etc. indicates 20 lines of bars with 3 lengths per line.
 - Pour steps monolithically with cap.
 - Estimated pile lengths have been increased by 4' for penetration into rock.

MIN. BAR LAP
#8 bar = 7'-8"

EAST ABUTMENT					
U.S. ROUTE 24 & IL ROUTE 9 OVER LA MARSH CREEK					
STATION 337+89.89					
STRUCTURE NO. 072-0228					
SHEET NO. S25 OF 39 SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	317	45BR-2	PEORIA	122	73
10-15-10			ILLINOIS FED. AID PROJECT		
CONTRACT NO. 68719					

GRÄEF 8501 W. Higgins Road, Suite 280
Chicago, Illinois 60631
(773) 399-0112

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 10/18/2010

DESIGNED	E.E.J.
CHECKED	J.A.Z.
DRAWN	E.E.J.
CHECKED	J.A.Z.