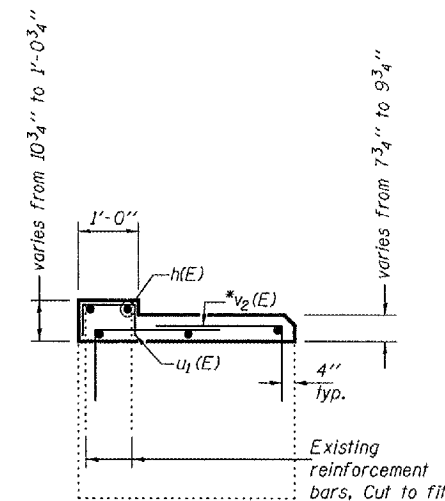
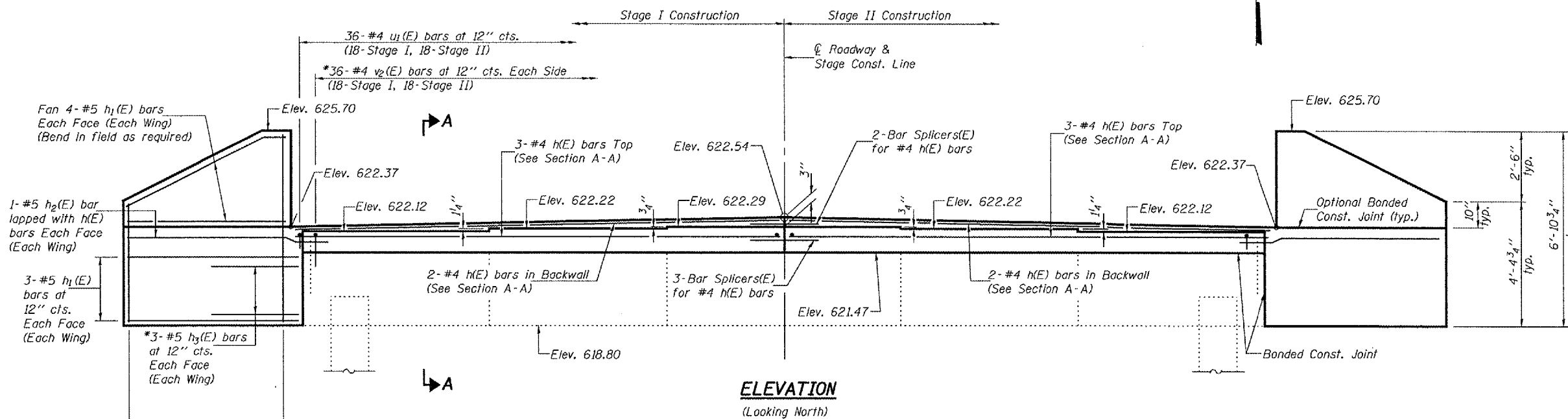


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO. F.A.P. 310	SECTION 28BR-1	COUNTY WARREN	SHEET 97 62	SHEET NO. 14 16 SHEETS
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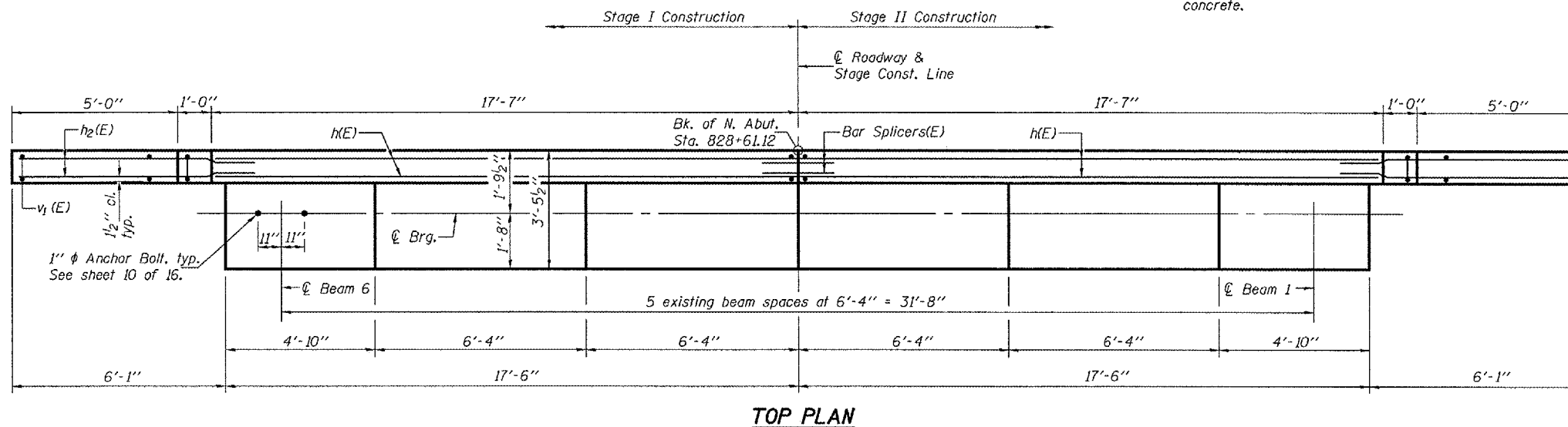
Contract #88798

Notes:
Space drilled holes in existing cap to miss existing reinforcement.
All edges shall have standard 3/4" chamfer except as noted.
For Bar Splicer Details see sheet 16 of 16.

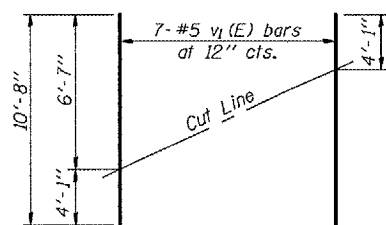


SECTION THRU ABUTMENT

*Epoxy Grout h3(E) and v2(E) bars in 9" min. drilled holes according to Section 584 of the Standard Specifications. All grouted bars shall have 4" cl. to the edge of existing concrete.



TOP PLAN



FIELD CUTTING DIAGRAM

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

BAR u1(E)

BAR v2(E)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)	10	#4	17'-3"	—
h1(E)	28	#5	5'-10"	—
h2(E)	4	#5	8'-1"	—
h3(E)	12	#5	3'-1"	—
u1(E)	36	#4	1'-11"	□
v1(E)	14	#5	10'-8"	—
v2(E)	72	#4	4'-0"	—
Concrete Structures		Cu. Yd.	6.3	
Reinforcement Bars, Epoxy Coated		Pound	750	
Structure Excavation		Cu. Yd.	85	

NORTH ABUTMENT
F.A.P. ROUTE 310 - SECTION 28BR-1
WARREN COUNTY
STATION 829+24.00
STRUCTURE NO. 094-0002

DESIGNED	Tom L. Kurtenbach
CHECKED	Alan M. Johnson
DRAWN	BECKY M. GURRY
CHECKED	TLK/AMJ

September 4, 2007
EXAMINED *Thomas J. Domagalick*
PASSED *Ralph E. Anderson*
ENGINEER OF BRIDGES AND STRUCTURES