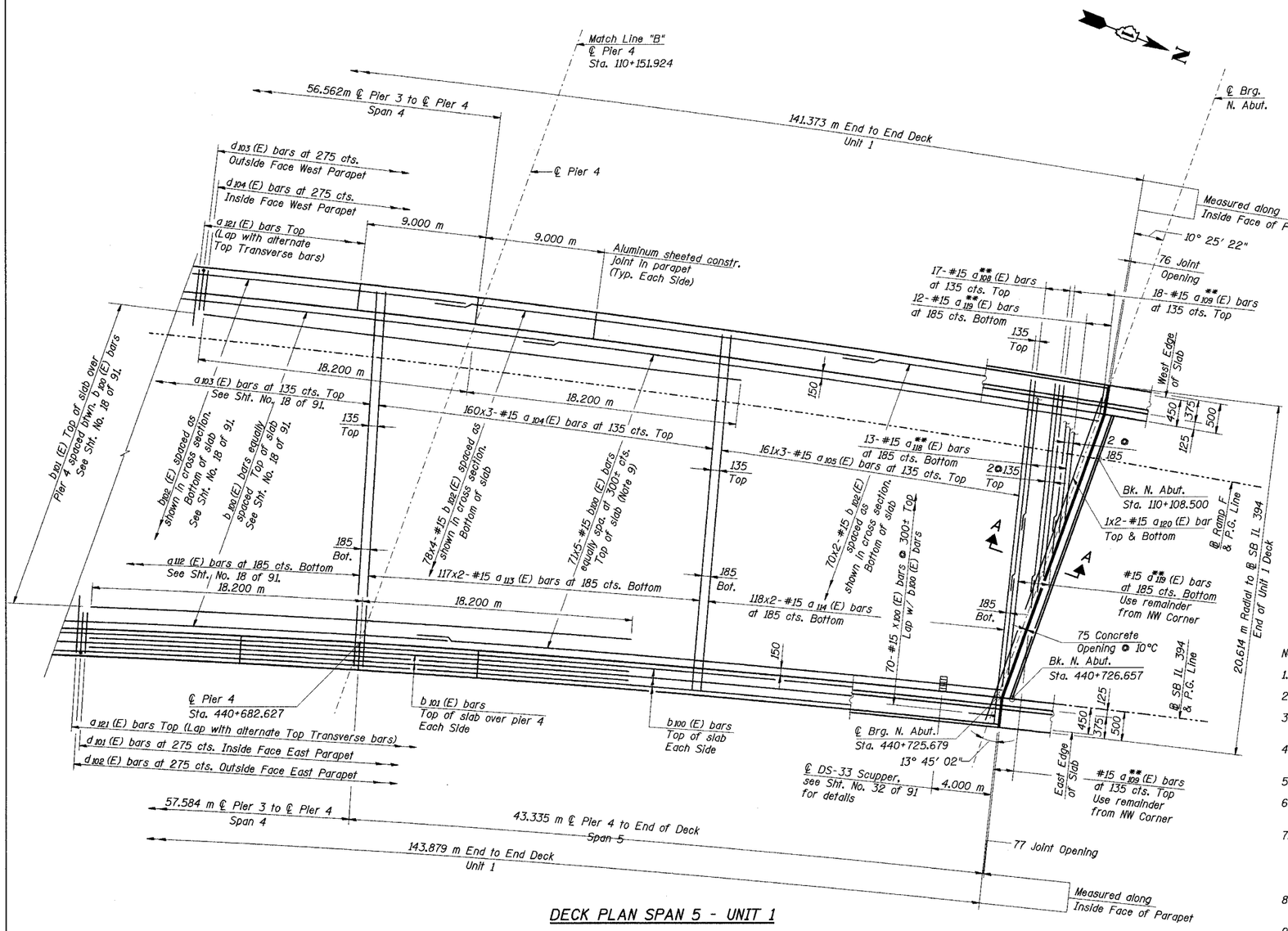
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

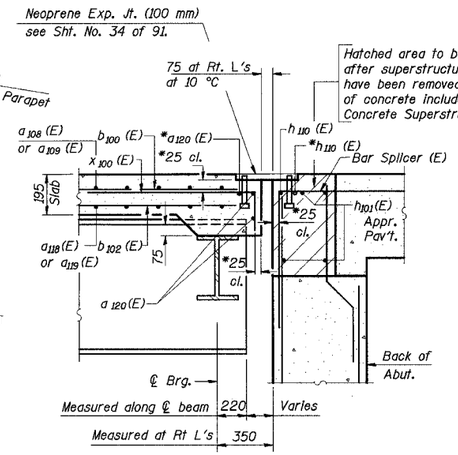
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F. A. I. 80/94	*	COOK	870	533
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 19
91 SHEETS

(0203.1 & 0312-708W) R-3 CONTRACT NO. 62108



DECK PLAN SPAN 5 - UNIT 1



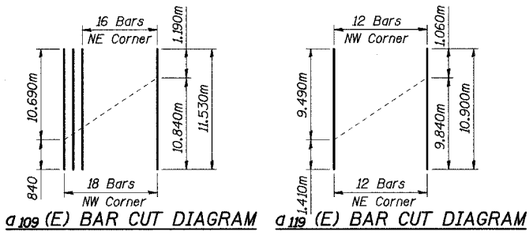
*Place a_{120} (E) and h_{110}(E) bars in back of anchor bolts as shown if required to maintain 25 mm cl. (+0-3 mm). Anchor bolts should be tied to a_{120} (E) and h_{110}(E) bars.

SECTION A-A

Notes:

1. Work this sheet with Sheet Numbers 17, 18, 20, 21, 22 & 30 of 91 Sheets.
2. Reinforcement bars designated (E) shall be epoxy coated.
3. Bars indicated thus "160 x 3 - #15 etc." Indicates 160 lines of bars with 3 lengths per line.
4. Order a_{109}(E) & a_{119}(E) bars full length. Cut to fit skew and use remainder of bars at other side.
5. All dimensions are in millimeters (mm) except as noted.
6. Place bars d_{101}(E), d_{102}(E), d_{103}(E) & d_{104}(E) to miss the Aluminum Sheeted Joint Location in Parapets.
7. In curved portion of deck, transverse reinforcement shall be placed radially along ℄ SB IL 394. Spacing shown on plan is at east edge of deck. Spacing at west edge of deck for radially placed reinforcement is approximately 140 mm at Top and 190 mm at Bottom unless noted otherwise.
8. Min. Lap Splice Length for Deck Reinforcement:
   #15 bars - 640 #20 bars - 790
9. Place longitudinal bars parallel to nearest ℄ of girders. Spacing shown is perpendicular to longitudinal bars. b_{100} (E) bars shall have maximum spacing shown at the wider end of deck and gradually reduced spacing at the narrower end of deck.

** Bars placed parallel to last bar of a_{105} (E) or a_{114} (E) at North End



a_{109} (E) BAR CUT DIAGRAM

a_{119} (E) BAR CUT DIAGRAM

DESIGNED	JY
CHECKED	ML
DRAWN	LK
CHECKED	ML

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND
DECK PLAN
SPAN 5 - UNIT 1
SB IL ROUTE 394 OVER THORN CREEK
F.A.P. 332 SECTION (02033.1 & 0312-708W) R-3
COOK COUNTY
STA. 440+704.350 STRUCTURE NO. 016-2800
DATE JUL 18, 2005
SCALE ---
HNTB

JBeauchamp
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