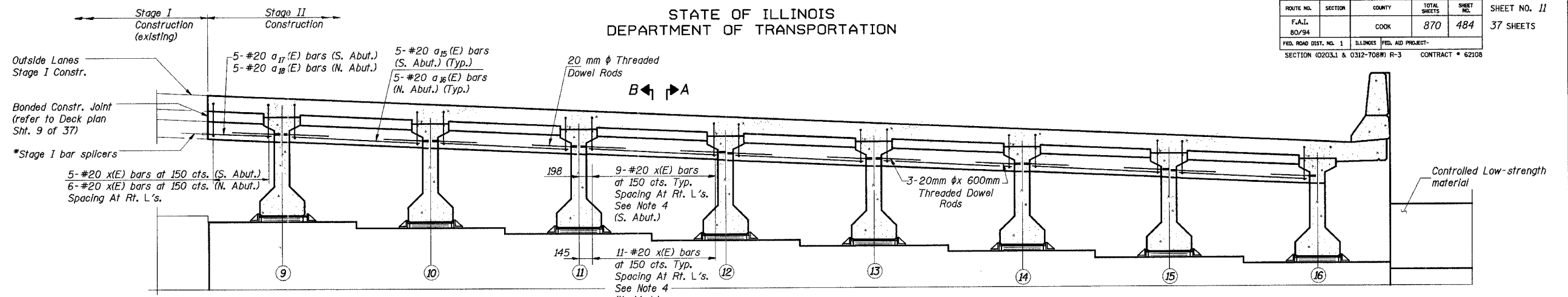
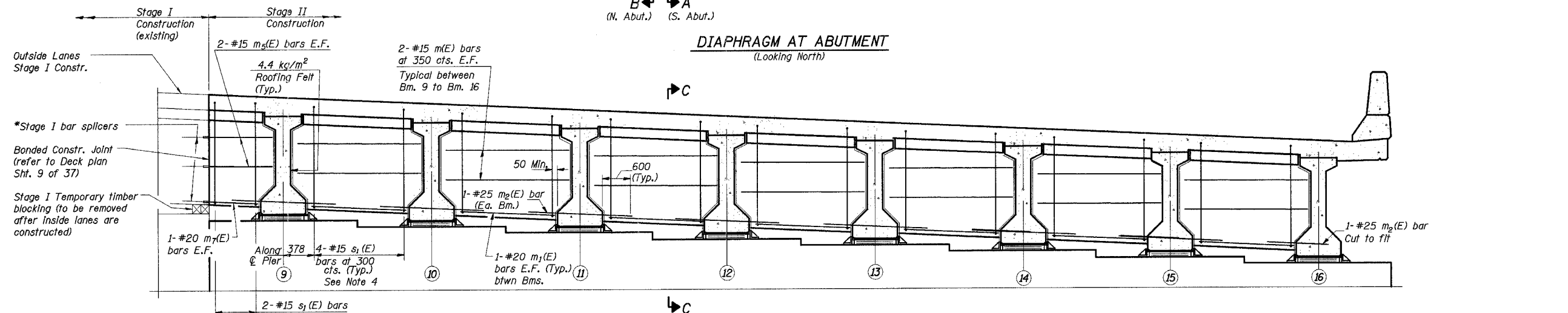


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

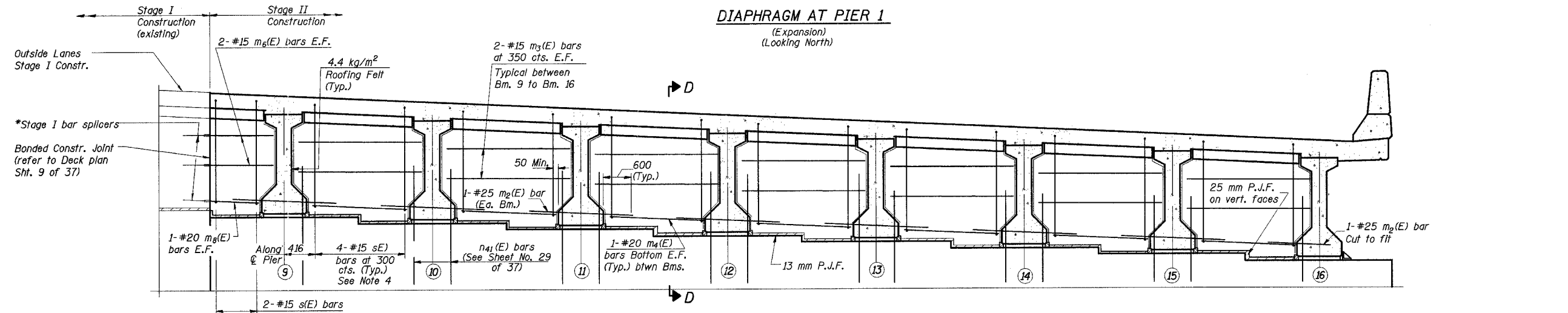
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 11
F.A.P. 80/94		COOK	870	484	37 SHEETS
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT-			
SECTION (0203.1 & 0312-708W) R-3			CONTRACT # 62108		



DIAPHRAGM AT ABUTMENT  
(Looking North)



DIAPHRAGM AT PIER 1  
(Expansion)  
(Looking North)



DIAPHRAGM AT PIER 2  
(Fixed)  
(Looking North)

DESIGNED	M.R./ H.T.
CHECKED	H.T.
DRAWN	J.B./ J.S.
CHECKED	H.T./ M.R.

- Notes:
- All dimensions are in millimeters (mm) except as noted.
  - Work this sheet with Sheet No. 25 and 27 of 37.
  - For Section A-A, B-B, C-C & D-D see Sheet No. 12 of 37.
  - $x$ (E),  $s$ (E) &  $s$ (E) Bars are placed parallel to beams & spaced at right angles to beams.
- \*For additional information see Bar Splicer Details on sheet 31 of 37.

ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-94/IL 394 SOUTH BOUND

DIAPHRAGM DETAILS 1 OF 2

SB IL. ROUTE 394 OVER CANADIAN NATIONAL RR  
F.A.P. 332 SECTION (0203.1 & 0312-708W) R-3  
COOK COUNTY

STA. 39+752.246 S.N. 016-2798 (INSIDE LANES)  
DATE: July 18, 2005  
SCALE: NONE

Soodan & Associates, Inc.  
100 North LaSalle Street, Suite 1800  
Chicago, Illinois 60602