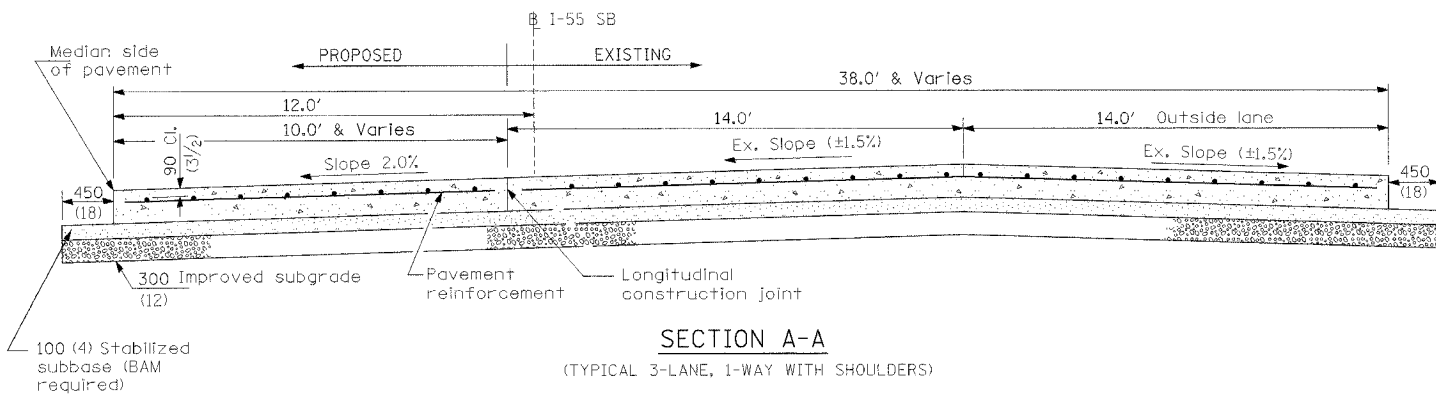
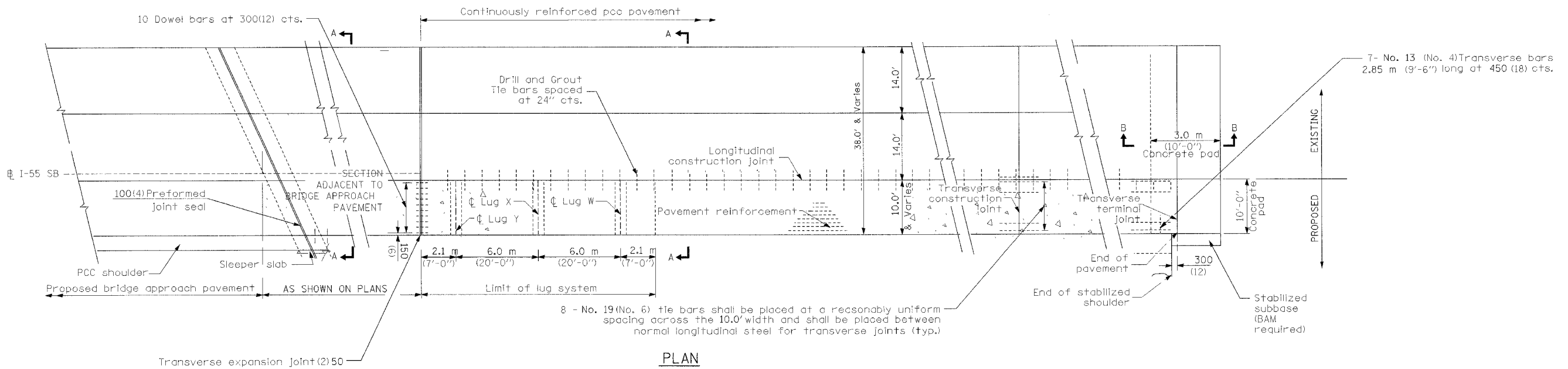


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-031 BY	WILL	137	26B
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



NOTES

- SEE ROADWAY PLAN 16 FOR LOCATION OF LUG SYSTEM COMPL 10.
- SEE STANDARD 421206 FOR DETAILS NOT SHOWN.
- SEE STANDARD 421001 FOR DETAILS OF PAVEMENT REINFORCEMENT.
- SEE STANDARDS 420001 AND 420401 FOR JOINT DETAILS NOT SHOWN.
- ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.
- THE REINFORCING SHALL BE PLACED PARALLEL TO THE BASELINE IN TAPER AREAS.
- CRC REINFORCEMENT CHART ON STANDARD 421001 SHALL BE MODIFIED AS FOLLOWS:

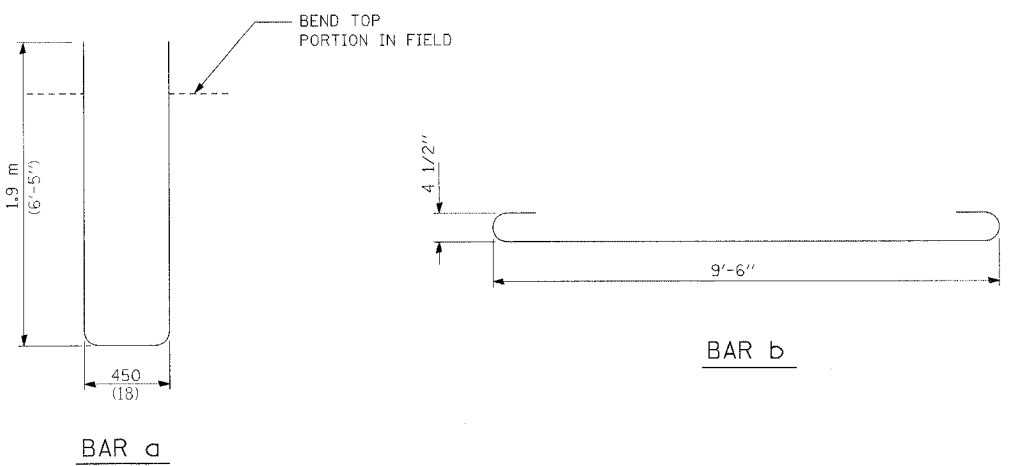
BAR SIZE	PAVEMENT WIDTH	A (Approx. Spacing)	B	C	D
#6	10'-0" (VARIES FROM 9'-11" TO 10'-5")	20 SPACES (21 BARS @ 5 3/4")	3 1/2"	3"	22"
#7	10'-0" (VARIES FROM 9'-11" TO 10'-5")	15 SPACES (16 BARS @ 7 5/8")	3 1/2"	3"	26"

* CUT TRANSVERSE BARS FOR 10'-0" PAVEMENT WIDTH

MATERIALS REQUIRED FOR (1) ONE LUG SYSTEM
(Excluding Pavement Concrete and Pavement Reinforcement)

Bar	No.	Size	Length	Shape
a	54	No. 8	14'-0"	
b	18	No. 5	10'-9"	
c	54	No. 5	20'-0"	
d	14	No. 4	9'-9"	

Concrete, (cu. yds.) 8.9
 Reinforcing Bars, (lbs.) 3438.0
 Concrete Pad, (sq. yds.) 53.3
 Improved Subgrade, (sq. yds.) 61.3



REVISIONS	
NAME	DATE
MRK	9/1/06

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 55 (OVER CSX RR AND SUNNYLAND DRAIN)
 BRIDGE WIDENING

**ROADWAY DETAILS
 CRC PAVEMENT WITH LUG SYSTEM
 NORTH OF CSX RAILROAD**

SCALE: NTS
 DATE 09/01/06

DRAWN BY MRK
 CHECKED BY DDH

TENG
 TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

PLOT DATE = WATER
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 PLOT SCALE = #SCALE#
 USER NAME = #USER#
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