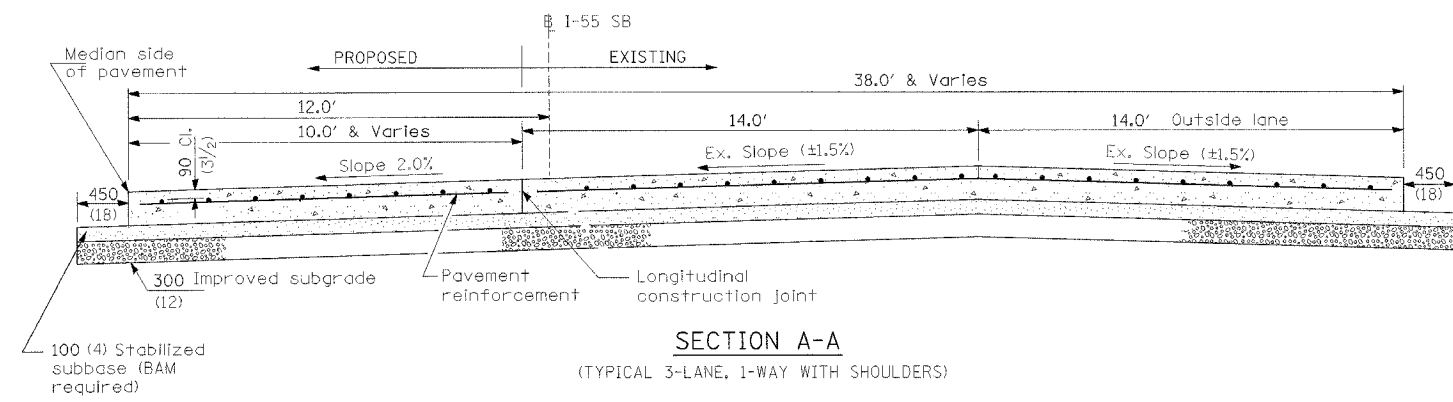
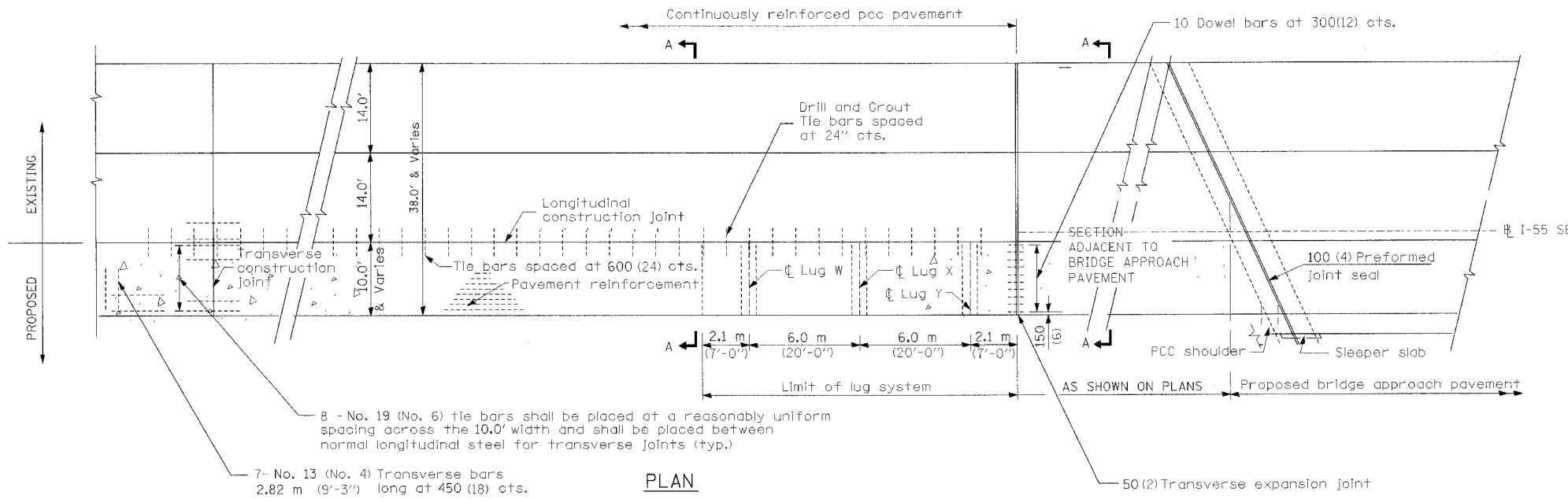


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-031 BY	WILL	137	26A
STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		



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:

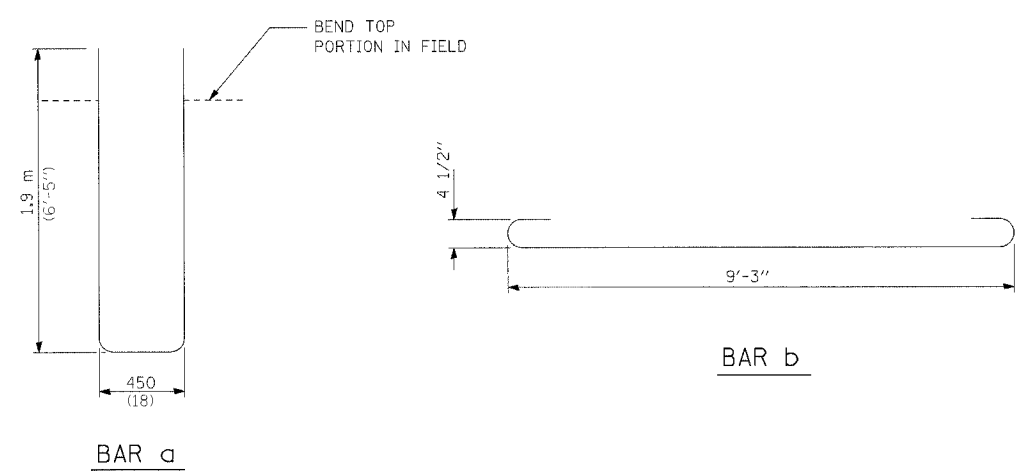
BAR SIZE	PAVEMENT WIDTH	A (Approx. Spacing)	B	C	D
#6 (VARIES FROM 9'-8" TO 9'-10")	9'-8" (VARIES FROM 9'-7" TO 9'-10")	19 SPACES (20 BARS @ 5 3/4")	3 1/2"	3"	22"
#7 (VARIES FROM 9'-8" TO 9'-10")	9'-8" (VARIES FROM 9'-7" TO 9'-10")	15 SPACES (16 BARS @ 7 3/8")	3 1/2"	3"	26"

* CUT TRANSVERSE BARS FOR 9'-8" 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'-6"	
c	54	No. 5	20'-0"	
d	14	No. 4	9'-6"	

Concrete, (cu. yds.)	8.7
Reinforcing Bars, (lbs.)	3430.9
Concrete Pad, (sq. yds.)	52.1
Improved Subgrade, (sq. yds.)	60.1



REVISIONS	
NAME	DATE
MRK	9/1/06

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

**ROADWAY DETAILS
CRC PAVEMENT WITH LUG SYSTEM
SOUTH 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 = 09/01/06
FILE NAME = 09/01/06_1000190075.DWG
PLOT SCALE = 1/8"=1'-0"
USER NAME = MRSB

S:\DOCUMENTS\2006\60B85\1000190075.DWG