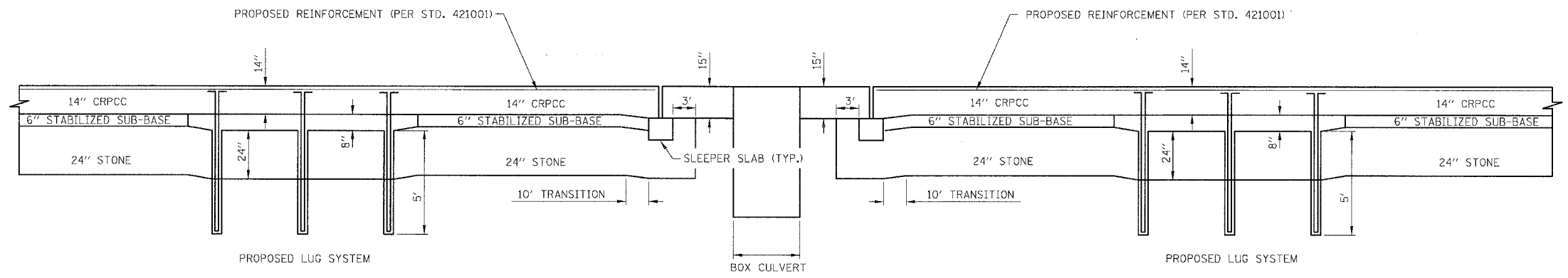
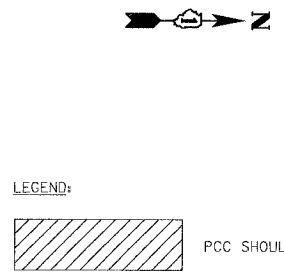
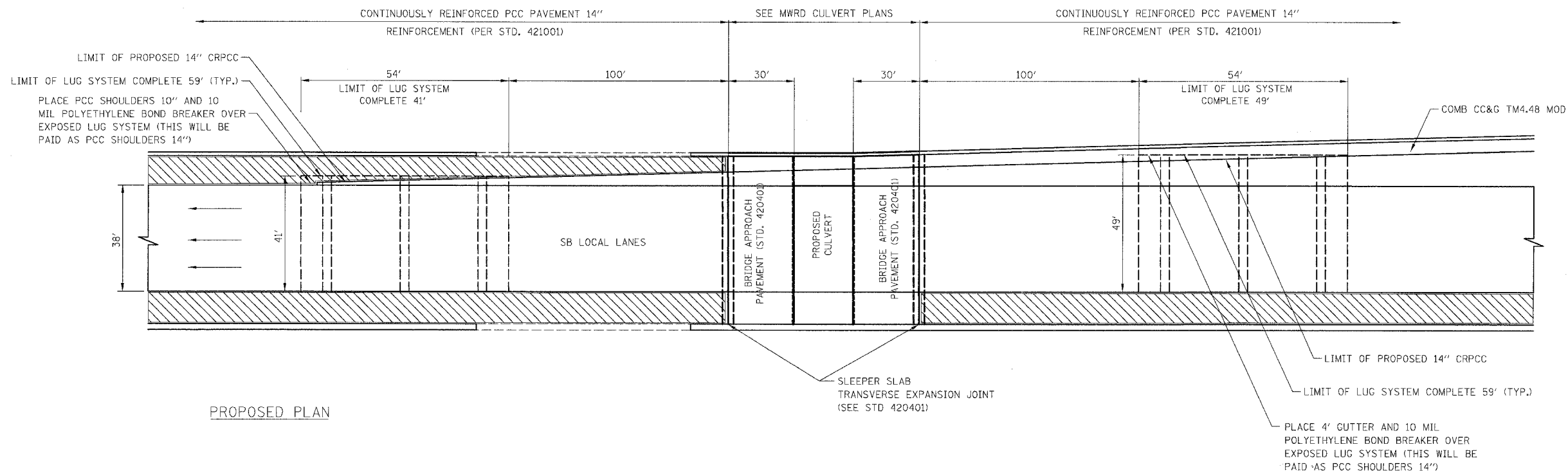


F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	588	362
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62303	• (2021-922 PT2 ETC 2324.6-1P) R-11			

RAGEE CONSULTING SHEET 156615R01/100



**MATERIALS REQUIRED FOR ONE LUG SYSTEM COMPLETE 41'**  
(EXCLUDING PAVEMENT CONCRETE AND PAVEMENT REINFORCEMENT)

BAR	QTY.	SIZE	LENGTH	SHAPE
a	227	#8	16'-4"	
b	18	#5	41'-9"	
c	227	#5	20'-0"	
d	28	#4	11'-9"	
d	14	#4	13'-9"	
d	14	#4	2'-9"	

CONCRETE 98.95 CU. YDS.  
REINFORCING BARS 15,791 LBS.

**MATERIALS REQUIRED FOR ONE LUG SYSTEM COMPLETE 49'**  
(EXCLUDING PAVEMENT CONCRETE AND PAVEMENT REINFORCEMENT)

BAR	QTY.	SIZE	LENGTH	SHAPE
a	271	#8	16'-4"	
b	18	#5	49'-9"	
c	271	#5	20'-0"	
d	28	#4	11'-9"	
d	14	#4	13'-9"	
d	14	#4	10'-9"	

CONCRETE 118.25 CU. YDS.  
REINFORCING BARS 18,852 LBS.

NOTE  
LUG SYSTEM COMPLETE 41' AND LUG SYSTEM COMPLETE 49' ARE SIMILAR TO (24') CRC PAVEMENT -WITH LUG SYSTEM (STD. 421201). SEE STANDARD 421201 FOR LAYOUT OF REINFORCING BARS AND OTHER APPLICABLE DIMENSIONS.

BOWMAN, BARRETT & ASSOCIATES INC.  
CONSULTING ENGINEERS  
Chicago, Illinois  
312.228.0100  
www.bbainc.com

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
GARFIELD BLVD TO 31ST STREET (SB LOCAL LANES)  
ROADWAY DETAILS  
LUG SYSTEM INTERFACE AT PERSHING ROAD  
SCALE: NTS  
DATE: 06/09/06  
DRAWN BY: JDC  
CHECKED BY: RS

RDT-11

11/5/09 AM 6/28/2006