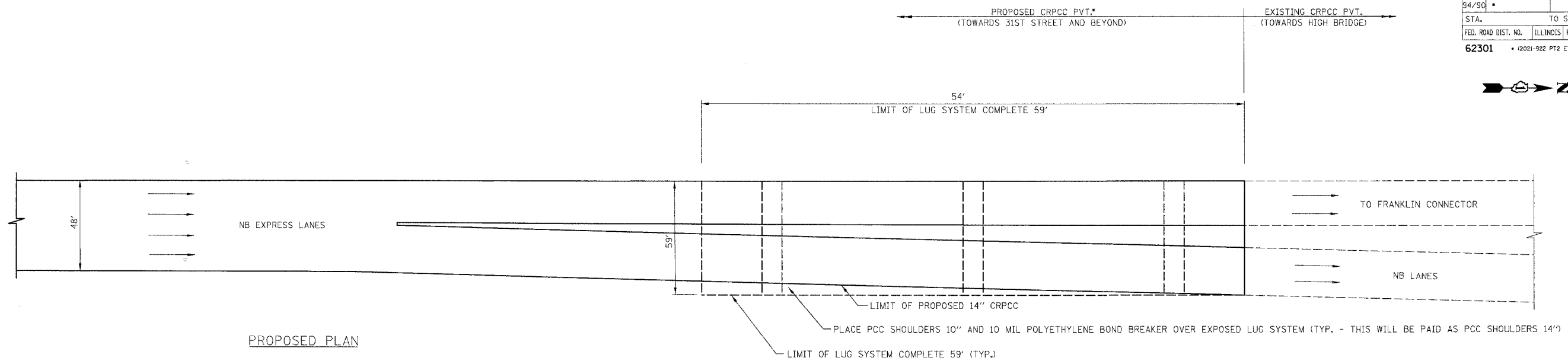
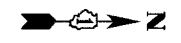
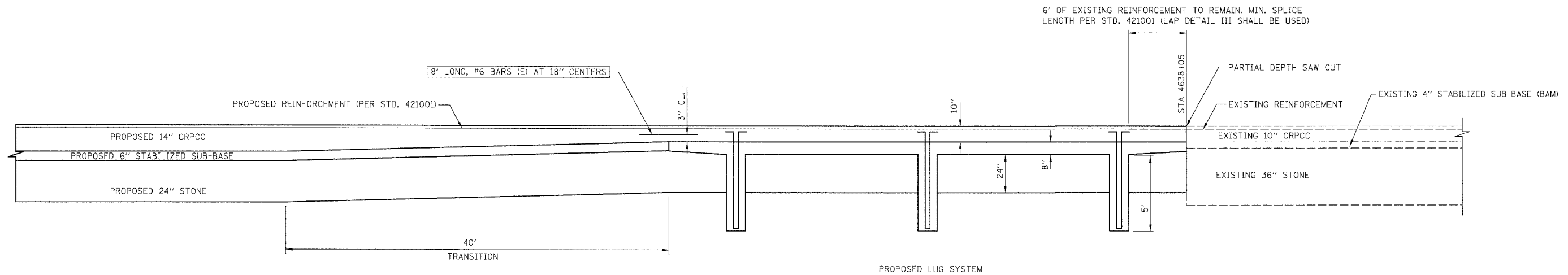


F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	565	343
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62301	• (2021-922 PT2 ETC 2324-5-1P) R-10			



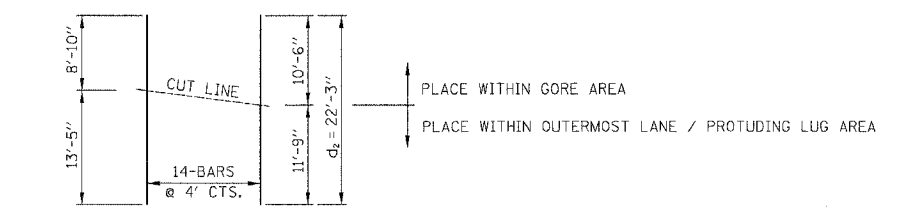
PROPOSED PLAN



PROPOSED PROFILE

MATERIALS REQUIRED FOR ONE LUG SYSTEM COMPLETE 59'
(EXCLUDING PAVEMENT CONCRETE AND PAVEMENT REINFORCEMENT)

BAR	QTY.	SIZE	LENGTH	SHAPE
a	324	#8	15'-8"	
b	18	#5	59'-9"	
c	324	#5	20'-0"	
d ₁	42	#4	11'-9"	
d ₂	14	#4	22'-3"	
CONCRETE		142.39 CU. YDS.		
REINFORCING BARS		21,974 LBS.		



BAR CUTTING DIAGRAM
(ORDER d₂ BARS FULL LENGTH CUT AS SHOWN)

NOTES

- EXISTING LUG SYSTEM AND RELIEF JOINT LOCATIONS MAY DIFFER FROM STATIONING SHOWN IN PLANS. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING EXISTING LUG SYSTEMS AND RELIEF JOINTS PRIOR TO WORK BEING PERFORMED.
- THE CONTRACTOR SHALL TAKE CARE IN REMOVING THE EXISTING CRC PAVEMENT SO AS NOT TO DAMAGE THE EXISTING REINFORCEMENT BARS THAT WILL BE TIED INTO. ANY DAMAGE TO THE EXISTING REINFORCEMENT BARS IS TO BE REPAIRED AT THE CONTRACTOR'S EXPENSE AS DIRECTED BY THE ENGINEER.
- 8'-#6 BARS ARE TO BE SUPPORTED BY PINS OR OTHER METHOD AS APPROVED BY THE ENGINEER. MUCKING IN OF THE BARS IS NOT ACCEPTABLE. COST OF THESE ADDITIONAL BARS WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE PRICE FOR CRPCC PAVEMENT 14".
- TRANSITION AREA FROM 10" TO 14" CRPCC AND 10" CRPCC WILL BE PAID AS CRPCC PAVEMENT 14".
- LUG SYSTEM COMPLETE 59' IS 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 (NB LOCAL LANES)
ROADWAY DETAILS
LUG SYSTEM INTERFACE AT 31ST STREET
SCALE: NTS
DATE: 06/09/06
DRAWN BY: JDC
CHECKED BY: RS