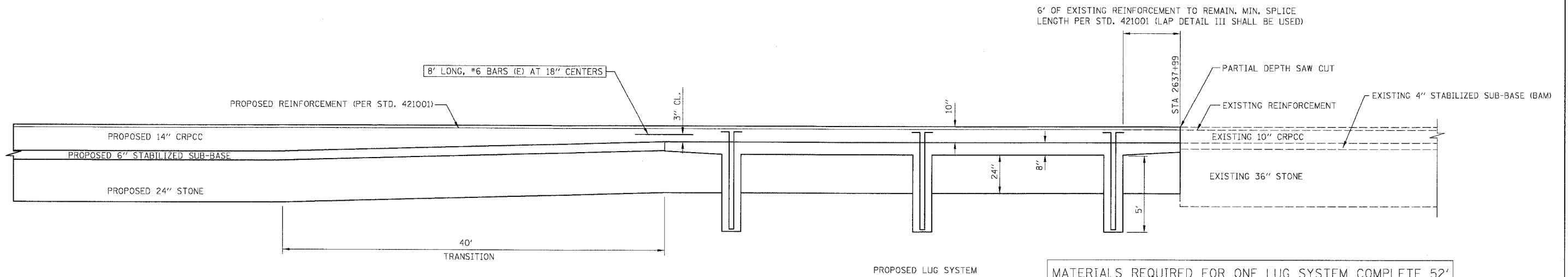


PROPOSED PLAN



PROPOSED PROFILE

MATERIALS REQUIRED FOR ONE LUG SYSTEM COMPLETE 52' (EXCLUDING PAVEMENT CONCRETE AND PAVEMENT REINFORCEMENT)

BAR	QTY.	SIZE	LENGTH	SHAPE
a	266	#8	15'-8"	
b	18	#5	52'-9"	
c	266	#5	20'-0"	
d	56	#4	12'-3"	

CONCRETE 126 CU. YDS.  
REINFORCING BARS 18,127 LBS.

- 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 PORTIONS OF THE LUG SYSTEM TO BE INCORPORATED. ANY DAMAGE TO THE EXISTING LUG SYSTEM IS TO BE REPAIRED AT THE CONTRACTOR'S EXPENSE AS DIRECTED BY THE ENGINEER.
  - 4"-#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 SEPARATE, 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 52' IS SIMILAR TO (24") CRC PAVEMENT - WITH LUG SYSTEM (STD. 421201). SEE STANDARD 421201 FOR LAYOUT OF REINFORCING BARS.

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)  
31ST STREET TO 71ST STREET  
NB EXPRESS LANE RECONSTRUCTION  
LUG SYSTEM INTERFACE  
AT 31ST STREET

SCALE: NTS  
DATE: 07/07/05

DRAWN BY: RR  
CHECKED BY: JDC