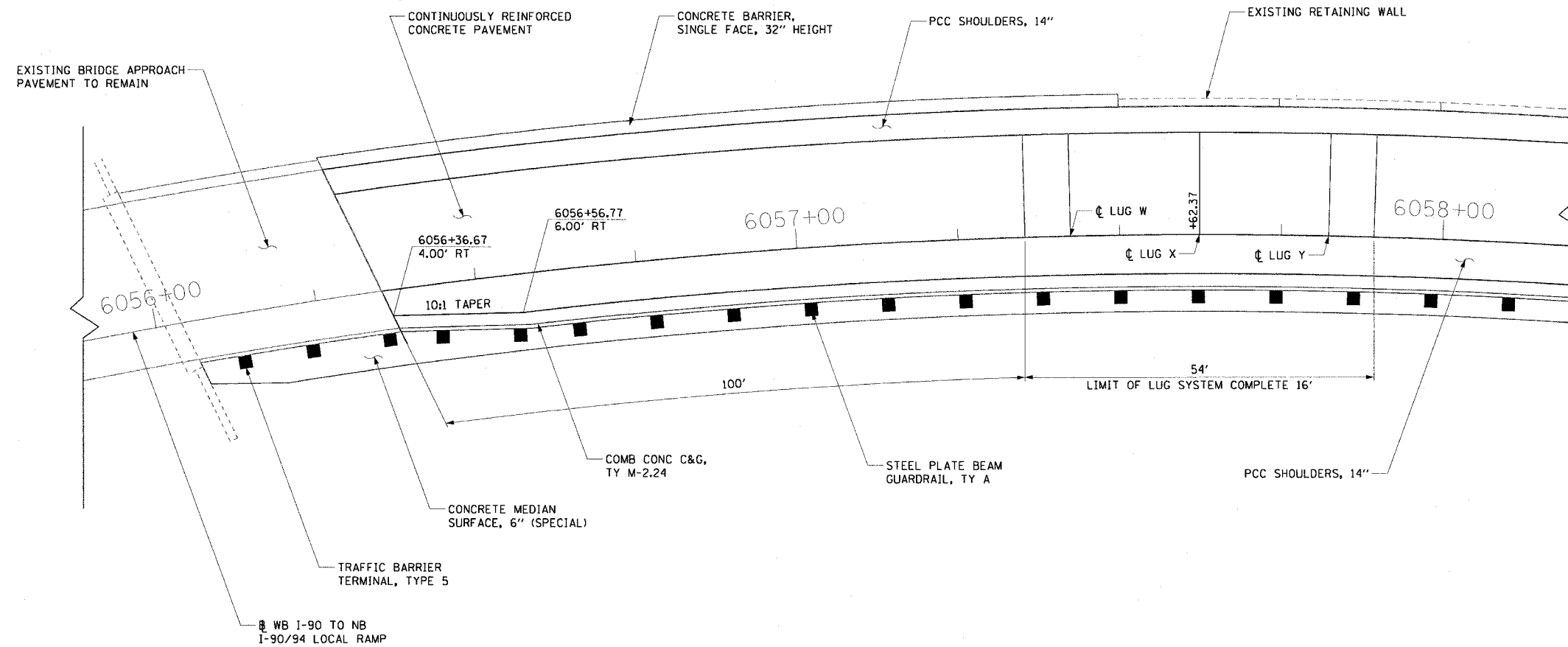


F.A.I. RTE. 90/94	SECTION *	COUNTY COOK	TOTAL SHEETS 312	SHEET NO. 216
STA. TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		
60A62		* (1919.15, 2021-922 PT1 & PT2) R-1		

LUG SYSTEM COMPLETE 16' DETAILS

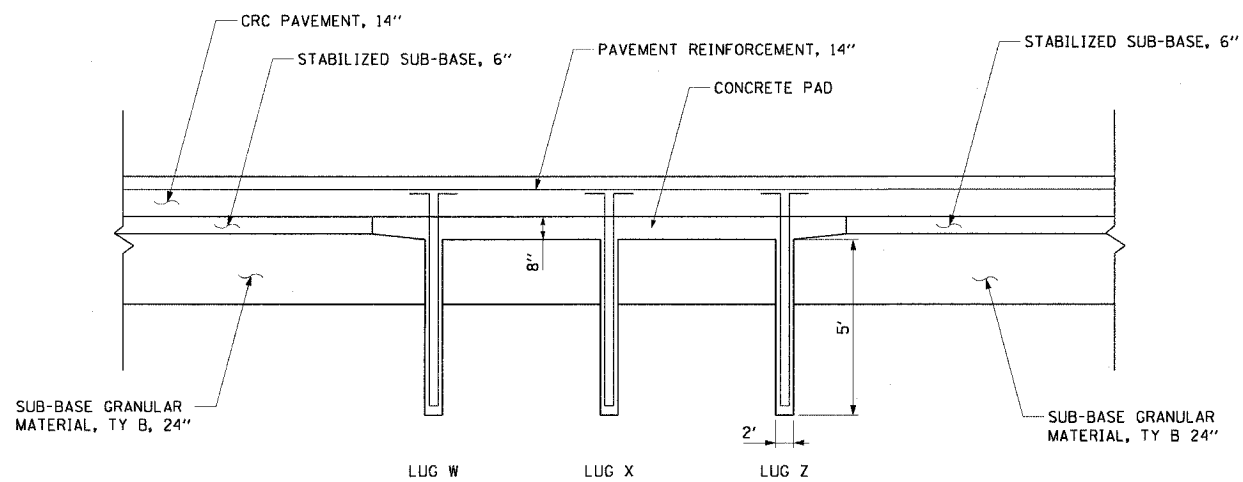


MATERIALS REQUIRED FOR ONE LUG SYSTEM COMPLETE 16' (EXCLUDING PAVEMENT CONCRETE AND PAVEMENT REINFORCEMENT)

BAR	QTY	SIZE	LENGTH	SHAPE
a	90	#8	16'-0"	
b	18	#5	16'-9"	
c	90	#5	20'-0"	
d	14	#4	15'-6"	
CONCRETE		17.78 CU YDS		
REINFORCING BARS		6,182 LBS		
CONCRETE PAD		96 SQ YDS		

NOTES:

- SEE RDT-1 FOR CRC PAVEMENT REINFORCEMENT DETAILS.
- LUG SYSTEM COMPLETE 16' IS SIMILAR TO IDOT HIGHWAY STANDARD 421201 - (24') CRC PAVEMENT (WITH LUG SYSTEM). SEE STANDARD 421201 FOR LAYOUT OF REINFORCING BARS.
- 30 a BARS & 30 c BARS SHALL BE SPACED AT 6 1/4 CENTERS.
- CONCRETE PAD INCLUDED IN THE COST OF LUG SYSTEM COMPLETE 16'.



PROPOSED LUG SYSTEM N.T.S.

CTE | AECOM

REVISIONS	
NAME	DATE

RDT-9

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)  
63RD STREET TO GARFIELD BLVD (NB LOCAL LANES)

**ROADWAY DETAILS  
LUG SYSTEM COMPLETE 16'**

SCALE: 1"=10'  
DATE: June 9, 2006

DRAWN BY: NJH  
CHECKED BY: RMG

p:\p\046\c\118\c\118-cntrs 18 & 19.sit\cntr 180\roadway details\rdt9\216.dwg 9:35:28 AM 6/5/2006