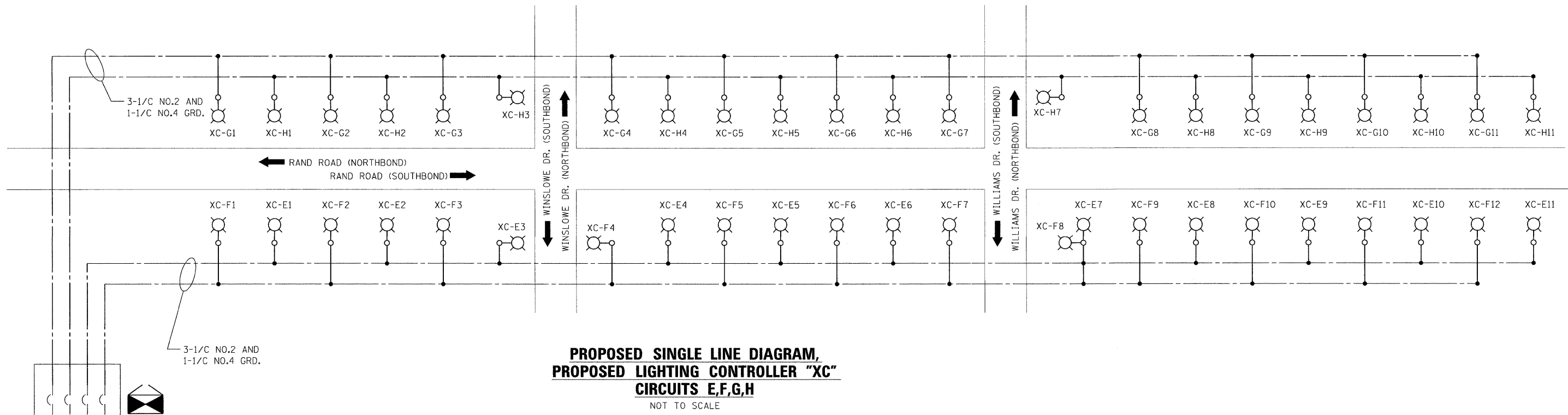


**PROPOSED SINGLE LINE DIAGRAM,  
PROPOSED LIGHTING CONTROLLER "XC"  
CIRCUITS A,B,C,D**  
NOT TO SCALE

LOAD TABLE LIGHTING CONTROLLER "XC"					
CIRCUIT	BLACK PHASE		CIRCUIT	RED PHASE	
	AMPS	WATTS		AMPS	WATTS
A	13.50	3240	B	11.81	2835
C	13.50	3240	D	15.19	3645
E	18.56	4455	F	20.25	4860
G	18.56	4455	H	18.56	4455
I	6.75	1620	J	8.44	2025
K	8.44	2025	L	8.44	2025
M	13.50	3240	N	11.81	2835
O	13.50	3240	P	13.50	3240
TOTAL	106.31	25515	TOTAL	108.00	25920

LEGEND	
	310 W. H.P.S. LUMINAIRE - PROPOSED
	LIGHTING CONTROLLER - PROPOSED



**PROPOSED SINGLE LINE DIAGRAM,  
PROPOSED LIGHTING CONTROLLER "XC"  
CIRCUITS E,F,G,H**  
NOT TO SCALE

<b>JACOBS</b>		ONE NORTH FRANKLIN CHICAGO IL. 60606 312-251-3000	
F.A.P. RTE. 334	SECTION 2008-08-31	COUNTY COOK	TOTAL SHEETS 81
SCALE: N.T.S.		SHEET NO. OF SHEETS	STA. - TO STA. -
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED LIGHTING PLAN  
ONE LINE DIAGRAM  
RAND ROAD**

FILE NAME = Lighting Plan_25_One Line Diagram - Rand.dgn	USER NAME = \$USER\$	DESIGNED - HS	REVISED -
PLLOT SCALE = \$SCALE\$	CHECKED - CDS	DRAWN - MJO	REVISED -
PLLOT DATE = 3/4/2009	DATE - 1/22/2009		REVISED -

CONTRACT NO. 60F87