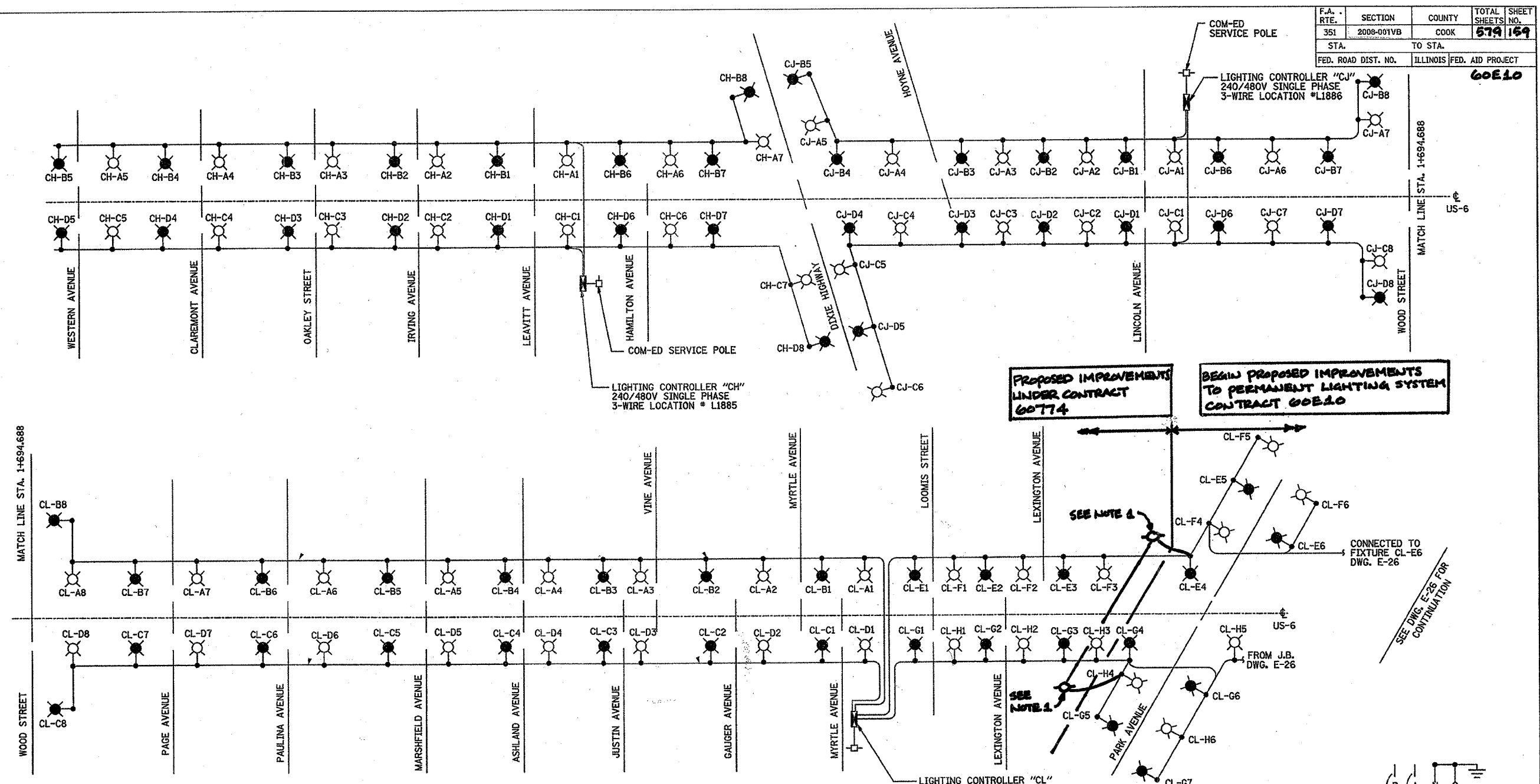


F.A. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
351	2008-001VB	COOK	579 169
STA.	TO STA.		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		60E10



MATCH LINE STA. 1+694.688

MATCH LINE STA. 1+694.688

**NOTES:**  
 1. REMOVE FIXTURES FROM TEMPORARY POLES CL-E4 AND CL-G4. CONNECT TEMPORARY AERIAL CABLE CIRCUIT E/F TO PERMANENT CIRCUITS E AND F. ROUTE AERIAL CABLE CIRCUIT G/H ACROSS ROADWAY TO TEMPORARY WOOD POLE CL-G4 AND CONNECT TO PERMANENT CIRCUITS G AND H.

LOAD TABULATION FOR LIGHTING CONTROLLER "CH"

CIRCUIT	LAMP LOAD	TOTAL LOAD	AMPS
A (240V)	7 @ 310 W HPS	2387	9.95
B (240V)	8 @ 310 W HPS	2728	11.37
C (240V)	7 @ 310 W HPS	2387	9.95
D (240V)	8 @ 310 W HPS	2728	11.37
(480V)	TOTAL VA	10230	21.31

LOAD TABULATION FOR LIGHTING CONTROLLER "CL"

CIRCUIT	LAMP LOAD	TOTAL LOAD	AMPS
A (240V)	8 @ 310 W HPS	2728	11.37
B (240V)	8 @ 310 W HPS	2728	11.37
C (240V)	8 @ 310 W HPS	2728	11.37
D (240V)	8 @ 310 W HPS	2728	11.37
E (240V)	6 @ 310 W HPS 5 @ 70 W HPS	2471	10.29
F (240V)	7 @ 310 W HPS 5 @ 70 W HPS	2812	11.71
G (240V)	7 @ 310 W HPS 5 @ 70 W HPS	2812	11.71
H (240V)	7 @ 310 W HPS 5 @ 70 W HPS	2812	11.71
(480V)	TOTAL VA	21819	45.45

LOAD TABULATION FOR LIGHTING CONTROLLER "CJ"

CIRCUIT	LAMP LOAD	TOTAL LOAD	AMPS
A (240V)	7 @ 310 W HPS	2387	9.95
B (240V)	8 @ 310 W HPS	2728	11.37
C (240V)	8 @ 310 W HPS	2728	11.37
D (240V)	8 @ 310 W HPS	2728	11.37
(480V)	TOTAL VA	10571	22.02

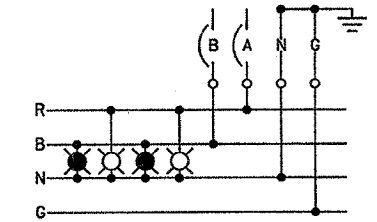
PROPOSED IMPROVEMENTS UNDER CONTRACT 60774

BEGIN PROPOSED IMPROVEMENTS TO PERMANENT LIGHTING SYSTEM CONTRACT 60E10

LIGHTING CONTROLLER "CL"  
 240/480V SINGLE PHASE  
 3-WIRE LOCATION \* L1887  
 (CONTROLLER SHALL ALSO POWER "TEMP" LIGHTING ON WOOD POLES BETWEEN MYRTLE AVENUE AND PARK AVENUE)

**LEGEND:**

- ⊗ 310 HPS M-C 111 LUMINAIRE ON RED CABLE
- ⊗ 310 HPS M-C 111 LUMINAIRE ON BLACK CABLE
- PROPOSED LIGHTING CONTROLLER
- ⊕ ComEd SERVICE POLE
- TEMPORARY WOOD POLE



LUMINAIRE WIRING DETAIL (TYPICAL)

DRAWING No. E-25

REVISIONS	
NAME	DATE
LRS Corp	2/15/08

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 US RTE 6 FROM I-294 TO IL RTE 1  
 SINGLE LINE DIAGRAM  
 PROPOSED LIGHTING  
 SHEET '1' OF '2'  
 SCALE AS NOTED  
 DATE 12/12/07  
 DRAWN BY S.S./W.S.  
 CHECKED BY C.K./H.S.