



NOTES:

1. THE DISTANCE FROM THE CENTER OF THE LED SIGN TO THE CENTER OF THE MAST ARM POLE SHALL NOT BE GREATER THAN 8 FEET.
2. ALL LED SIGNS SHALL BE CONTROLLED BY A SINGLE PHOTOCELL MOUNTED IN THE TRAFFIC SIGNAL CONTROLLER CABINET LOCATED ABOVE THE DOOR. SEE SPECIAL PROVISIONS.
3. FULL ACTIVATED CONTROLLER AND TYPE IV CABINET SHALL INCLUDE INSTALLATION OF A PHOTOCELL AND A NEW CIRCUIT BREAKER RATED 15 AMPS FOR THE ILLUMINATED SIGNS LOAD. THE NO. 14 AWG COPPER CONDUCTORS FEEDING THE SIGNS ARE RESTRICTED TO A MAXIMUM CURRENT LOAD OF 15 AMPERES AT 75 DEGREES C.
4. THE SIGN CABLE SHALL BE 3/C NO. 14 WITH 500W INSULATION, RATED AT 600V, 90° C AND MEETING UL/CSA STANDARDS.
5. ALL TRAFFIC SIGNALS SHALL BE L.E.D. (LIGHT EMITTING DIODE)
6. THERE IS NO LIGHTING CONTROLLER PROVIDED FOR THIS INTERSECTION. THE CIRCUIT BREAKER AND THE DISCONNECT SHALL BE INSTALLED WITHIN THE TRAFFIC SIGNAL CABINET. THE PHOTOCELL SHALL BE MOUNTED ON THE TRAFFIC SIGNAL CABINET AWAY FROM DIRECT SUNLIGHT. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE NEW TRAFFIC CONTROLLER.

RESTORATION OF WORK AREA: RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

TRAFFIC SIGNAL LEGEND

(NOTE: SEE DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS SHEET FOR FULL LEGEND)

- LED INTERNALLY ILLUMINATED STREET NAME SIGN
- PROPOSED
- H 6'-0" ORCHARD DR
 - H 8'-0" LAKEWOOD BLVD



DESIGNED - JJF	REVISED -
DRAWN - MAC	REVISED -
CHECKED - TAO	REVISED -
DATE - 10/24/11	FILE - 060670-PH2-TS-PLAN-2-LKEW.D.sht

**STATE OF ILLINOIS
ORCHARD DRIVE IMPROVEMENTS**

**TRAFFIC SIGNAL MODERNIZATION PLAN
ORCHARD DRIVE AND LAKEWOOD BOULEVARD**

SCALE: 1"=20'

STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2836	06-00090-00-FP	COOK	200	119
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63635	
			M-8003166U	

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