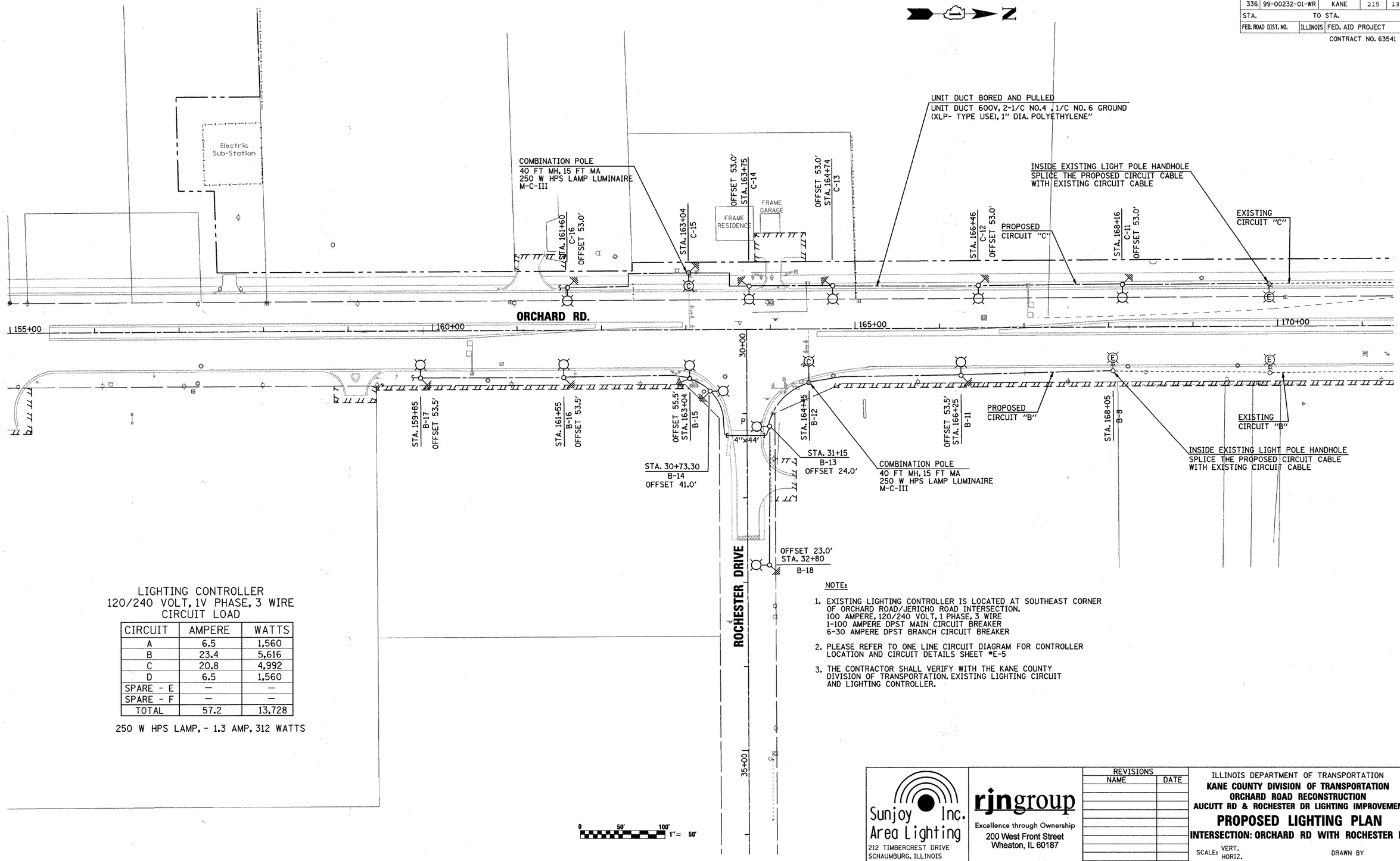
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	99-00232-01-WR	KANE	215	131
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 63541



LIGHTING CONTROLLER
120/240 VOLT, 1V PHASE, 3 WIRE
CIRCUIT LOAD

CIRCUIT	AMPERE	WATTS
A	6.5	1,560
B	23.4	5,616
C	20.8	4,992
D	6.5	1,560
SPARE - E	—	—
SPARE - F	—	—
TOTAL	57.2	13,728

250 W HPS LAMP, - 1.3 AMP, 312 WATTS

NOTE:

1. EXISTING LIGHTING CONTROLLER IS LOCATED AT SOUTHEAST CORNER OF ORCHARD ROAD/JERICHO ROAD INTERSECTION.
   100 AMPERE, 120/240 VOLT, 1 PHASE, 3 WIRE
   1-100 AMPERE DPST MAIN CIRCUIT BREAKER
   6-30 AMPERE DPST BRANCH CIRCUIT BREAKER
2. PLEASE REFER TO ONE LINE CIRCUIT DIAGRAM FOR CONTROLLER LOCATION AND CIRCUIT DETAILS SHEET *E-5
3. THE CONTRACTOR SHALL VERIFY WITH THE KANE COUNTY DIVISION OF TRANSPORTATION. EXISTING LIGHTING CIRCUIT AND LIGHTING CONTROLLER.

Sunjoy Inc.
Area Lighting
212 TIMBERCREST DRIVE
SCHAUMBURG, ILLINOIS
60193-1572

rjngroup
Excellence through Ownership
200 West Front Street
Wheaton, IL 60187

REVISIONS NAME	DATE
Sunjoy Inc.	12/20/10

ILLINOIS DEPARTMENT OF TRANSPORTATION
KANE COUNTY DIVISION OF TRANSPORTATION
ORCHARD ROAD RECONSTRUCTION
AUCUTT RD & ROCHESTER DR LIGHTING IMPROVEMENT

PROPOSED LIGHTING PLAN

INTERSECTION: ORCHARD RD WITH ROCHESTER DR

SCALE: VERT.
HORIZ.
DATE 08-01-10
DRAWN BY
CHECKED BY

1/10/2011 8:19:13 PM C:\SUNJOY\Projects\Orchard_Acutt_Roh\PR_ROC_ORD_01.dgn