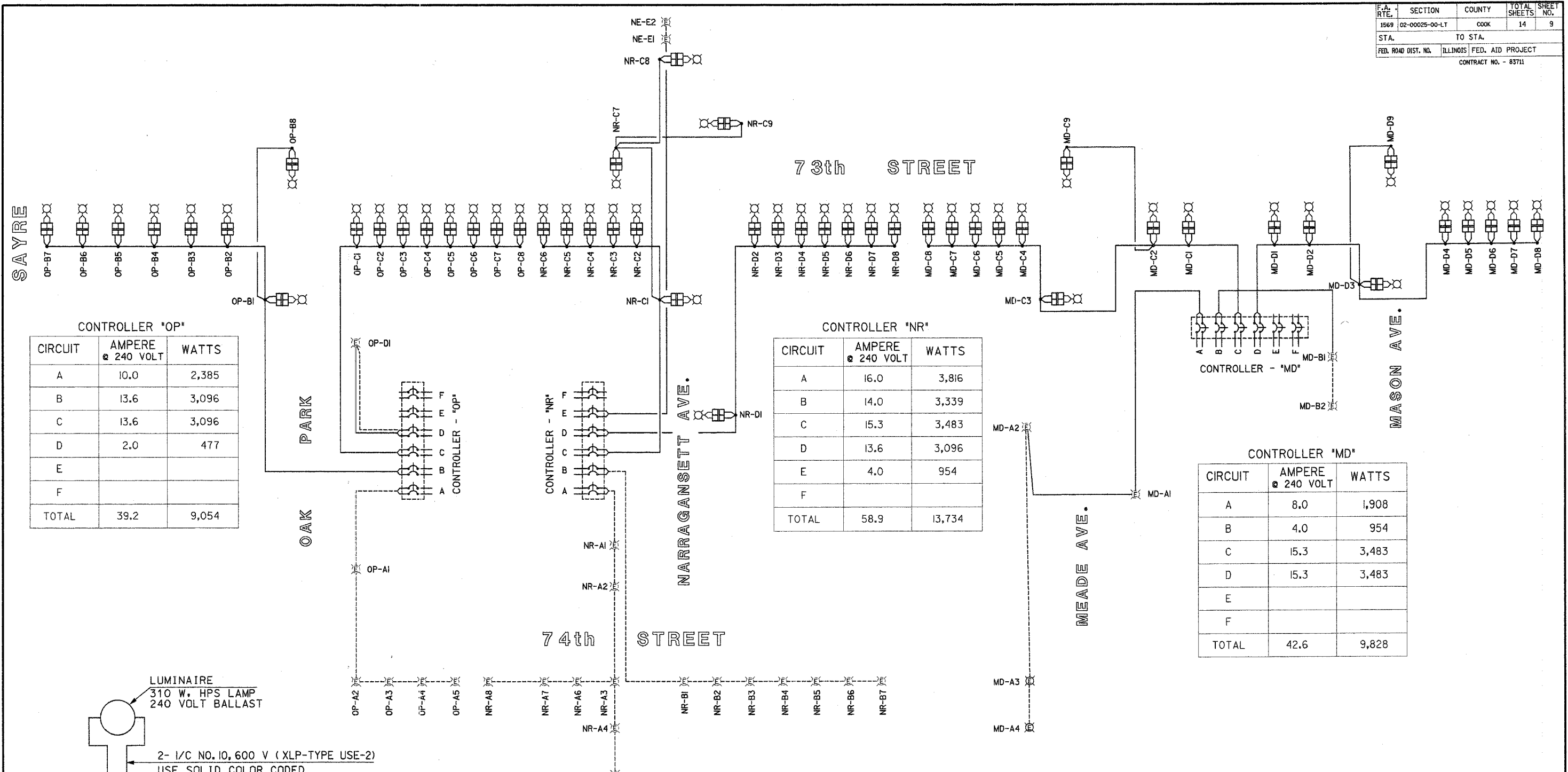


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1569	02-00025-00-LT	COOK	14	9
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. - 83711				



**CONTROLLER "OP"**

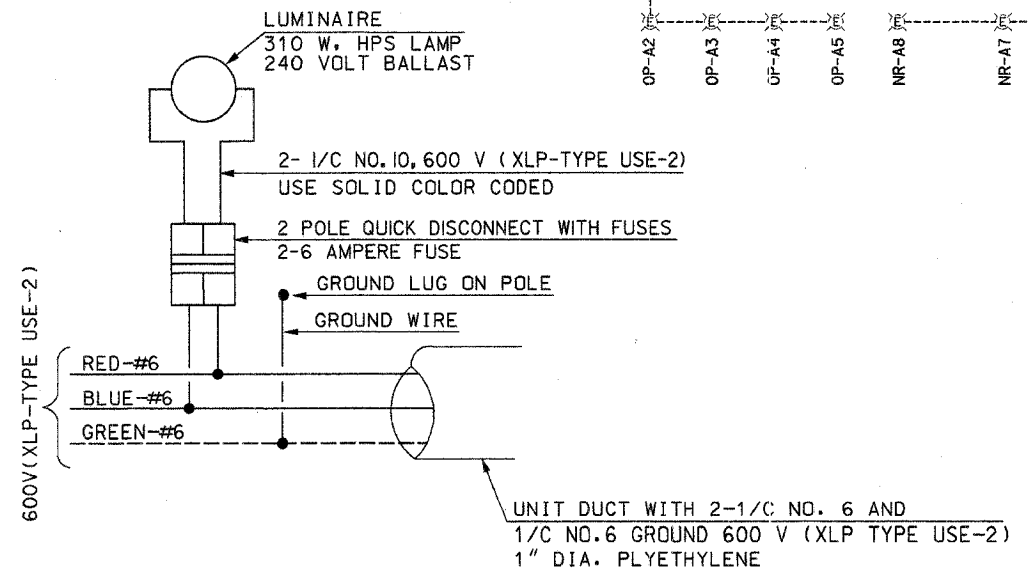
CIRCUIT	AMPERE @ 240 VOLT	WATTS
A	10.0	2,385
B	13.6	3,096
C	13.6	3,096
D	2.0	477
E		
F		
TOTAL	39.2	9,054

**CONTROLLER "NR"**

CIRCUIT	AMPERE @ 240 VOLT	WATTS
A	16.0	3,816
B	14.0	3,339
C	15.3	3,483
D	13.6	3,096
E	4.0	954
F		
TOTAL	58.9	13,734

**CONTROLLER "MD"**

CIRCUIT	AMPERE @ 240 VOLT	WATTS
A	8.0	1,908
B	4.0	954
C	15.3	3,483
D	15.3	3,483
E		
F		
TOTAL	42.6	9,828



- SINGLE LINE LEGEND**
- EXISTING LUMINAIRE, 400W HPS
  - PROPOSED LUMINAIRE, 310W HPS LAMP
  - 6.0A FOR 310 W HPS LAMP
  - CIRCUIT BREAKER
  - 2 1/8" #6 & 1/8" #6 GND IN UNIT DUCT
  - CONNECTION

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

ILLINOIS DEPARTMENT OF TRANSPORTATION  
73rd STREET (FAU 1569)  
VILLAGE OF BEDFORD PARK  
**ONE LINE CIRCUIT DIAGRAM  
MODIFIED EXISTING CIRCUITS**  
SCALE: 1"=10'  
DATE: 04-15-05  
DRAWN BY: HMQ  
CHECKED BY: JS

REVISION 05-21-05