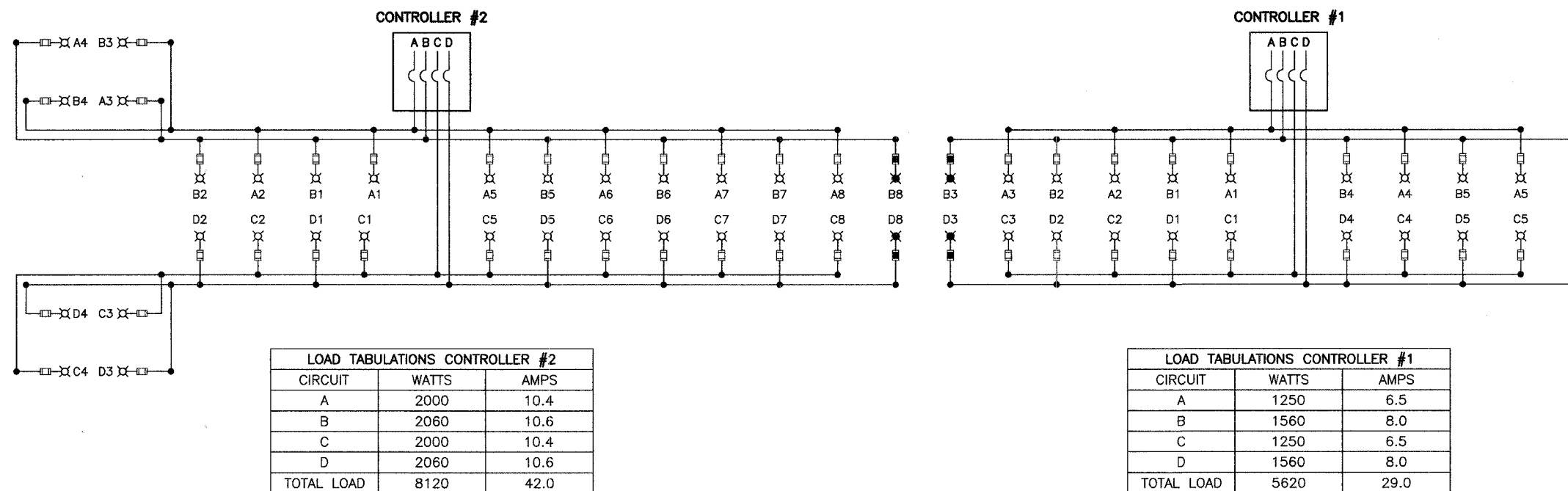


FILE NO.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
1537	06-00053-00-LT	COOK	009	005
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT #83900



CIRCUIT	WATTS	AMPS
A	2000	10.4
B	2060	10.6
C	2000	10.4
D	2060	10.6
TOTAL LOAD	8120	42.0

CIRCUIT	WATTS	AMPS
A	1250	6.5
B	1560	8.0
C	1250	6.5
D	1560	8.0
TOTAL LOAD	5620	29.0

- LEGEND**
- ⌘ LUMINAIRE, 250W HPS, STREET LIGHT
  - FUSE, 3.5 AMP
  - ⌘ LUMINAIRE, 310W HPS, STREET LIGHT
  - FUSE, 5 AMP
  - A1 LUMINAIRE CIRCUIT
  - ⌋ CIRCUIT BREAKER
  - CONNECTION

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**71ST STREET  
STREET LIGHTING  
SINGLE LINE WIRING DIAGRAM**

SCALE: VERT. NA  
HORIZ. NA  
DATE 02/23/07

DRAWN BY BEK  
CHECKED BY PB

**ROBINSON ENGINEERING, LTD.**  
1706 SOUTH PARK AVENUE SOUTH HOLLAND, ILLINOIS 60473  
(708) 381-8700 FAX (708) 381-9820 ILLINOIS DESIGN FIRM REGISTRATION NO. 154001158 06184-LIGHT-OTLS-01