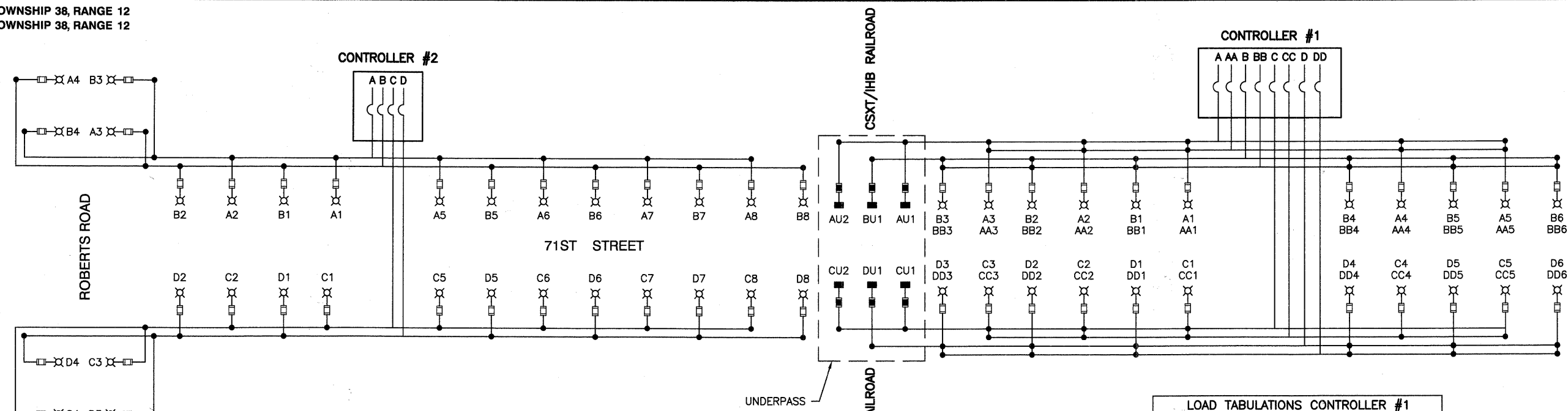


SECTION 24, TOWNSHIP 38, RANGE 12  
SECTION 25, TOWNSHIP 38, RANGE 12



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

FESTOON CIRCUIT	WATTS	AMPS
AA	900	7.5
BB	1080	9.0
CC	900	7.5
DD	1080	9.0
TOTAL LOAD	3960	33.0

**LIGHTING GENERAL NOTES :**

- ALL WORK TO CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE AND ANY APPLICABLE LOCAL CODES.
- CONTRACTOR TO VERIFY LOCATION OF ALL UNDERGROUND UTILITIES BEFORE TRENCHING OR AUGERING.
- BEFORE INSTALLING STANDARDS NEAR OVERHEAD FACILITIES CALL ComEd FOR APPROVAL OF LOCATION.
- FOR LOCATION OF EXISTING UNDERGROUND ELECTRICAL CABLE CALL ComEd.
- ALL CONDUIT TO BE 2.5" DIAMETER UNLESS OTHERWISE SPECIFIED.
- ANY TREE TRIMMING REQUIRED AS DIRECTED BY THE ENGINEER SHALL BE PERFORMED BY THE CONTRACTOR, AND THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF THE LIGHT POLE ITEMS.
- CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO RESTORE ANY SPECIALIZED LANDSCAPING, (i.e. DECORATIVE ROCKS, SHRUBS, PLANTS, ETC.) OR SHALL REPLACE IT, THE COST OF WHICH SHALL BE CONSIDERED INCIDENTAL TO THE LIGHT POLE ITEMS.
- THE EXACT LOCATIONS OF ALL UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY COMPONENTS OF THE LIGHTING SYSTEM. FOR THE LOCATIONS OF THE UTILITIES, CALL JULIE TOLL FREE AT 1-800-692-0123. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE EXISTING TRAFFIC SIGNAL CABLES AND CONDUITS.
- CARE IS TO BE TAKEN AS NOT TO DAMAGE ANY OF THE EXISTING TRAFFIC SIGNAL CONDUITS, DETECTORS AND EQUIPMENT. IF ANY OF THE TRAFFIC SIGNAL CONDUIT AND/OR EQUIPMENT IS DAMAGED, THE CONTRACTOR SHALL REPAIR AND/OR REPLACE THE CONDUIT AND/OR EQUIPMENT AT NO COST TO THE COUNTY, STATE, OR THE VILLAGE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT OF FINISHED GRADE. THE RESIDENT ENGINEER MAY ASSIST THE CONTRACTOR, AS APPLICABLE, BUT THE RESPONSIBILITY FOR COORDINATING THE FINISHED GRADE ELEVATION WITH THE TOP OF THE FOUNDATION HEIGHTS AND THE LIGHT SHALL REMAIN WITH THE CONTRACTOR.
- THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE REQUIREMENTS FOR WIRE MARKERS AND SHALL TAG ALL WIRE MARKERS AND SHALL TAG ALL WIRE ACCORDINGLY.
- EQUIPMENT GROUND CONDUCTORS SHALL BE SPLICED AND BONDED AT EACH LIGHT POLE OR OTHER PIECE OF EQUIPMENT.
- ALL DISTURBED AREAS WHERE RESTORATION IS NOT COVERED BY APPLICABLE SECTIONS OF THE SPECIAL PROVISIONS MUST BE RESTORED TO THE SATISFACTION OF THE ENGINEER. THE COST OF WHICH SHALL BE INCLUDED IN THE COST OF THE LIGHT POLE ITEMS.
- ANY SIGNS ON EXISTING LIGHT POLES SHALL BE REMOVED AND REINSTALLED ON THE NEW POLES. THE CONTRACTOR AND RESIDENT ENGINEER SHALL TAKE AN INVENTORY OF THE LOCATIONS OF THE POLE MOUNTED SIGNS, AND SHALL RELOCATE THEM TO THE NEW POLES CLOSEST TO THE EXISTING POLES, PRIOR TO REMOVAL OF THE OLD POLES. THE COST OF THIS SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE LIGHT POLE ITEMS.

**LEGEND**

- ⊗ LUMINAIRE, 250W HPS, STREET LIGHT
- FUSE, 3.5 AMP
- UNDERPASS LUMINAIRE, 100W HPS
- ▣ FUSE, 1.5 AMP
- A1 LUMINAIRE CIRCUIT
- ⌋ CIRCUIT BREAKER
- CONNECTION

PLAN	DATE
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FILE NAME = 08353-LGHT-01 - P03	USER NAME =	DESIGNED -- PAP	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	71ST STREET PROPOSED STREET LIGHTING SINGLE LINE WIRING DIAGRAM		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE =	CHECKED -- DWS	REVISED --		SCALE: NONE	SHEET NO. 81	OF 209 SHEETS	1537	06-00050-00-GS	COOK	209	81
	PLOT DATE = 12/23/10	CHECKED -- AG	REVISED --		STA.	TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	CRE-9003(709)	CONTRACT NO. 63556	

BT 5/24/00 BY: PETER ANKOW ON 15/02/01  
DOTTED BY: RICHARD GJENDEK ON 2/6/11