



LEGEND:

- HPS DAYLIGHT UNDERPASS LUMINAIRE, 400W
- HPS NIGHTLIGHT UNDERPASS LUMINAIRE, 70W
- S2 A 1
 - └─ LUMINAIRE NUMBER
 - └─ CIRCUIT
 - └─ CONTROLLER

NOTE:

1. NEUTRAL CONDUCTORS (4) FOR CIRCUITS A/E, B/F, C/G, D/H AND R/S NOT SHOWN.

PANEL SCHEDULE AND LOAD TABULATION				
LIGHTING CONTROLLER S2				
240/480 VOLTS, 1-PHASE 3-WIRE				
MAIN BREAKER: 200A				
CIRCUIT	BREAKER TRIP AMPS	KW		AMPS
		BLACK	RED	
A	70	-	6.2	25.8
B	70	6.2	-	25.8
C	70	-	6.2	25.8
D	70	6.2	-	25.8
E	70	-	6.2	25.8
F	70	6.2	-	25.8
G	70	-	6.2	25.8
H	70	6.2	-	25.8
I	70	-	-	-
J	70	-	-	-
K	70	-	-	-
L	70	-	-	-
M	70	-	-	-
R	15	0.4	-	1.6
S	15	-	0.4	1.6
SUBTOTAL		25.2	25.2	-
TOTAL		50.4		105.0

ALL UNDERPASS LUMINAIRES ARE CONNECTED 240V PHASE-NEUTRAL.

PEN TABLE = #PENTBL5\$

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COLLINS ENGINEERS

USER NAME = \$USER\$	DESIGNED - IAB	REVISED -
PLOT SCALE = \$SCALE\$	DRAWN - DL/TM	REVISED -
PLOT DATE = \$DATE\$	CHECKED - YK	REVISED -
PLOT DRIVER = \$PLTDRVS\$	DATE - DEC 2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-90/94 AT OHIO STREET
UNDERPASS LUMINAIRE WIRING DIAGRAM**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE. 90/94	SECTION 0303-474HB-R	COUNTY COOK	TOTAL SHEETS 368	SHEET NO. 170
CONTRACT NO. 60F63				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				