

MATCH LINE
SEE BELOW LEFT

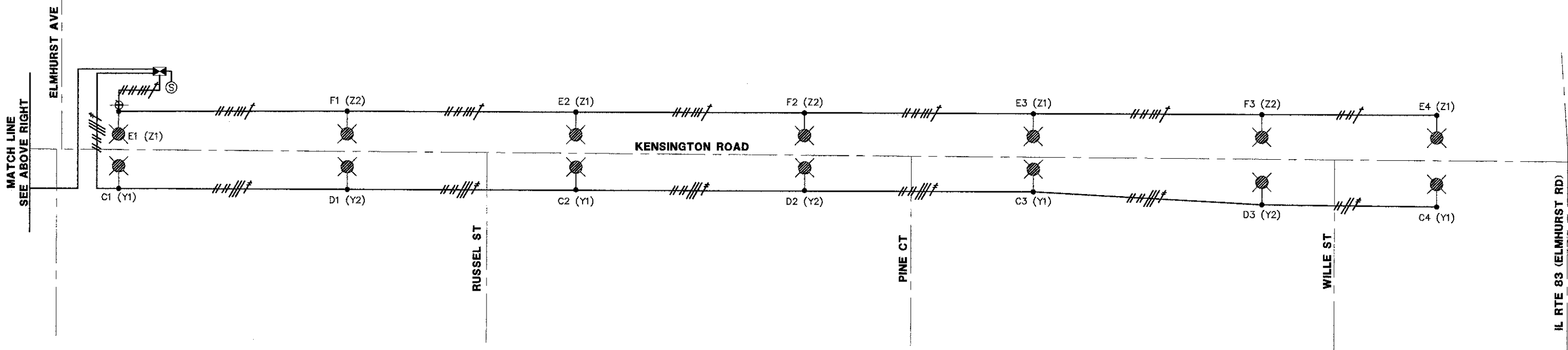
LEGEND

- 250 WATT HPS LUMINAIRE WITH GFCL, 240V, PHASE TO PHASE, 30' M.H. - 10' DAVIT ARM
- PHOTOCELL MOUNTED ON LIGHT POLE
- 4-1/C #8 AWG & 1/C #8 AWG GROUND, 600V. (TYPE XLP-RHW)
- 7-1/C #8 AWG & 1/C #8 AWG GROUND, 600V. (TYPE XLP-RHW)
- 2-1/C #8 AWG, 2-1/C #6 AWG, & 1/C #6 AWG GROUND, 600V. (TYPE XLP-RHW)
- 4-1/C #8 AWG, 3-1/C #6 AWG, & 1/C #6 AWG GROUND, 600V. (TYPE XLP-RHW)
- PROPOSED LIGHTING CONTROLLER
- PROPOSED 200A/2P, 240/120 VOLT, SINGLE PHASE COMED SERVICE, 3-1/C #3/0 IN 2" RIGID GALVANIZED STEEL.
- POLE LABEL
(Z#) - DENOTES RECEPTACLE CIRCUIT
- DENOTES POLE NO. ON GIVEN CIRCUIT
LETTER - DENOTES CIRCUIT DESIGNATION, LUMINAIRE



NOTES:
1. THE LIGHT POLE MOUNTED PHOTOCELL WIRING (3-1/C #12 AWG, 600V, XLP-RHW) SHALL BE RAN IN THE SAME CONDUIT AS THE CIRCUIT CONDUCTORS.

CABLE COLOR	CIRCUIT	WATTS	AMPS	VOLTAGE DROP	CABLE SIZE
RED - RED	A	1250	5.2 @ 240v	3.1% (A1)	#8 AWG
BLACK - BLACK	B	1250	5.2 @ 240v	2.5% (B1)	#8 AWG
RED - RED	C	1250	5.2 @ 240v	2.3% (C4)	#8 AWG
BLACK - BLACK	D	938	3.9 @ 240v	1.7% (D3)	#8 AWG
RED - RED	E	1250	5.2 @ 240v	2.1% (E4)	#8 AWG
BLACK - BLACK	F	938	3.9 @ 240v	1.5% (F3)	#8 AWG
BLUE	X1	720	6 @ 120v	4.5% (A1)	#6 AWG
ORANGE	X2	720	6 @ 120v	3.7% (B1)	#6 AWG
BLUE	Y1	720	6 @ 120v	3.3% (C4)	#6 AWG
ORANGE	Y2	540	4.5 @ 120v	2.5% (D3)	#6 AWG
BLUE	Z1	720	6 @ 120v	4.8% (E4)	#8 AWG
ORANGE	Z2	540	4.5 @ 120v	3.6% (F3)	#8 AWG
TOTAL		10836	61.7		



FILE NAME = 4185.800-EL1.dwg

USER NAME = PAUL SWATER
 PLOT SCALE = 1"=50'
 PLOT DATE = 10/17/2012

DESIGNED - JZ
 DRAWN - JZ
 CHECKED - AJP
 DATE - 10/17/12

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**LIGHTING PLAN
 KENSINGTON ROAD IMPROVEMENTS**

SCALE: NTS SHEET NO. L3 OF L8 SHEETS STA. TO STA.

EAU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1295	09-00154-00-PV	COOK	119	82
CONTRACT #:			63746	
ILLINOIS FED. AID PROJECT				