



SINGLE LINE WIRING DIAGRAM
SINGLE PHASE 2-WIRE 240 VOLTS

LEGEND

- C1 = CIRCUIT 1 (POLES NO. 2, 3, 6, 7, 10, 11)
- C2 = CIRCUIT 2 (POLES NO. 1, 4, 5, 8, 9, 12)
- C3 = CIRCUIT 3 (POLES NO. 13, 17, 21, 25, 29, 33)
- C4 = CIRCUIT 4 (POLES NO. 15, 19, 23, 27, 31, 35)
- C5 = CIRCUIT 5 (POLES NO. 14, 18, 22, 26, 30, 34)
- C6 = CIRCUIT 6 (POLES NO. 16, 20, 24, 28, 32)
- PROPOSED STREET LIGHT POLE WITH 2 LED LAMPS (SEE DETAIL SHEET 25)
- PROPOSED STREET LIGHT POLE WITH 1 LED LAMP (SEE DETAIL SHEET 25)
- PROPOSED STREET LIGHT CONTROLLER CABINET
- PROPOSED HANDHOLE
- PROPOSED STREET LIGHT POLE NUMBER

LOAD TABULATIONS

- CIRCUIT 1 = 10.8 AMPS
- CIRCUIT 2 = 10.8 AMPS
- CIRCUIT 3 = 18.3 AMPS
- CIRCUIT 4 = 18.3 AMPS
- CIRCUIT 5 = 18.3 AMPS
- CIRCUIT 6 = 12.9 AMPS
- TOTAL LOAD = 89.4 AMPS**



USER NAME = #USER#
PLOT SCALE = #SCALE#
PLOT DATE = 1/7/2011

DESIGNED - HEV
DRAWN - DRP
CHECKED - MJR
DATE - 12-22-10

REVISED -
REVISED -
REVISED -
REVISED -

**WEST BARTLETT ROAD
STREETSCAPE**

**WEST BARTLETT ROAD
WIRING DIAGRAM**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00068-00-LT	COOK	30	18
			CONTRACT NO. 63512	
ILLINOIS FED. AID PROJECT				