



**NOTES**

1. THE BATTERY BACKUP SYSTEM CABINET SHALL BE A NEMA TYPE 3R CABINET WITH MINIMUM OUTSIDE DIMENSIONS OF 41" (H) X 25" (W) X 16" (D). THE CABINET SHALL BE EQUIPPED WITH A THREE POINT LATCHING MECHANISM, TWO SHELVES, THERMOSTATICALLY CONTROLLED VENTILATION FAN, AND A POWER RECEPTACLE. THE CABINET SHALL BE MOUNTED TO THE SIDE OF THE EXISTING TYPE IV CABINET WITH THE BOTTOM OF THE CABINET SUPPORTED BY THE CONCRETE FOUNDATION.
2. ALL CABINET LIGHTS, HEATER STRIPS, VENTILATION FANS, AND SERVICE RECEPTACLES SHALL BE BYPASSED WHEN THE BATTERY BACKUP UNIT IS OPERATING IN BATTERY MODE.
3. THE BATTERY BACKUP UNITS CONTACTS SHALL BE WIRED TO PROVIDE LOCAL CONTROLLER ALARMS (AS AVAILABLE IN THE EXISTING CABINET).
4. THE BYPASS SWITCH SHALL BE INSTALLED IN THE TYPE IV CABINET OR IN THE BATTERY BACKUP CABINET.
5. A SEPARATE CIRCUIT BREAKER FOR THE BBS SHALL BE INSTALLED IN THE TYPE IV CABINET. THIS CIRCUIT BREAKER SHALL BE WIRED TO THE INCOMING LINE VOLTAGE.

NOT TO SCALE  
TRAFFIC SIGNALS  
SHEET 8 OF 10

FILE NAME =	USER NAME = boyernj	DESIGNED -	REVISED -
68A66 - Business 24 IL 8 Traffic Signal	(Final 12-16-11).dgn	DRAWN -	REVISED -
	PLOT SCALE = 60,2740' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/16/2011	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BATTERY BACKUP SYSTEM CABINET DETAIL**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	(35,36)N-1	TAZEWELL	60	37
CONTRACT NO. 68A66				
ILLINOIS FED. AID PROJECT				