

PROPOSED COMBO TRAFFIC/LIGHTING CONTROLLER <u>"ZZ" WIRING DIAGRAM</u> N.T.S.

COMBO TRAFFIC/LIGHTING CONTROLLER "ZZ" Roadway lighting panel load table						
CIRCUIT			CIRCUIT			
CIRCUIT	AMPS	WATTS	CINCOLI	AMPS	WATTS	
Α	4	960	В	4	960	
С			D			
TOTAL	4.0	960	TOTAL	4.0	960	

LOAD TABULATION IS BASED ON THE FOLLOWING:

400W HPS LUMINAIRE: 2.0A AT 240V (PHASE TO PHASE)



FILE NAME =	USER NAME = Frank_Stallone	DESIGNED - MAE	REVISED -		US 45 (LaGRANGE ROAD)	F.A.P RTE.	SECTION	COUNTY TOTAL SHEET
D160F05-SHT-E15.dgn		DRAWN - WM	REVISED -	STATE OF ILLINOIS	PROPOSED COMBINATION TRAFFIC / LIGHTING CONTROLLER "CLC102"	330	103R-3	СООК 932 541
	PLOT SCALE = 2.000000 '/ in.	CHECKED - DAD	REVISED -	DEPARTMENT OF TRANSPORTATION	WIRING DIAGRAM	_	E-15	CONTRACT NO. 60F05
SHT_PLAN	PLOT DATE = 3/14/2013	DATE - 03/13/13	REVISED -		SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.		ILLINOIS FED.	AID PROJECT

LEGEND:

PROPOSED COMBINATION POLE LIGHTING UNIT: 400W, 240V PHASE TO PHASE, HPS LUMINAIRE WITH TYPE III DISTRIBUTION, INSTALLED ON 12'-0" MAST ARM AT 45'-0" MOUNTING HEIGHT. POLE AND FOUNDATION SUPPLIED BY THE TRAFFIC SIGNAL CONTRACTOR, WITH 5A FUSES



- PROPOSED COMBINATION LIGHTING CONTROLLER
- PROPOSED COMED PAD-MOUNTED TRANSFORMER FOR UTILITY SERVICE CONNECTION
- PROPOSED CONDUIT AND CABLE AS IDENTIFIED TO SECONDARY SIDE OF UTILITY SERVICE CONNECTION _ _ -
- --- PROPOSED UNIT DUCT: SIZE AND QUANTITY OF CONDUCTORS AS IDENTIFIED

NOTES:

- 1. SEE DRAWING E-1 FOR ELECTRICAL ABBREVIATIONS. SEE DRAWING E-2 FOR ELECTRICAL GENERAL NOTES.
- 2. COLOR CODING OF CONDUCTORS FOR 240/480V, 10. 3W LIGHTING SYSTEM IS AS FOLLOWS:

-	RED
-	BLACK
-	WHITE
-	GREEN
	2

3. COLOR CODING OF CONDUCTORS FOR 120/240V, 10, 3W RECEPTACLE SYSTEM IS AS FOLLOWS:

"A" PHASE	-	ORANGE
"B" PHASE	-	BROWN
NEUTRAL	-	GRAY
GROUND	-	GREEN

