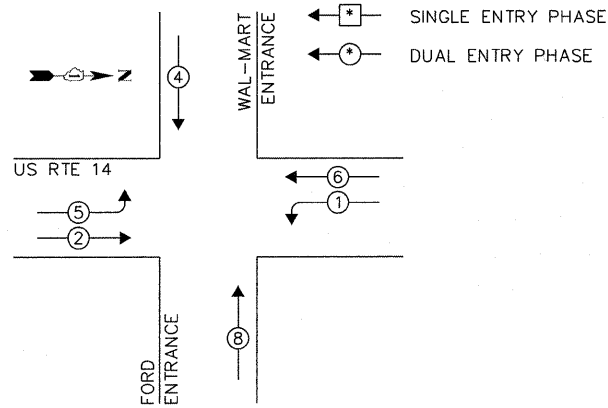


CONTROLLER SEQUENCE

LEGEND:



PHASE DESIGNATION DIAGRAM

INTERSECTION AND (SAMPLING) SYSTEM DETECTOR

FIBER OPTIC CABLE INTERCONNECT TO IL RTE 23
TRACER CABLE

RETROFIT ALL EXISTING TRAFFIC SIGNAL HEADS TO L.E.D.

LOCAL & MASTER CONTROLLERS

CABLE PLAN

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. OF LAMPS	WATTAGE		% OPERATION	
SIGNAL (RED)	12	INCAND.	LED	0.50	102.00
(YELLOW)	12		25	0.25	75.00
(GREEN)	12		15	0.25	45.00
ARROW	8		12	0.10	9.60
PED. SIGNAL	-		25	1.00	-
CONTROLLER	2		100	1.00	200.00
ILLUM. SIGN	-		25	0.05	-
VIDEO SYSTEM	-		-	1.00	-
FLASHER				0.50	
ENERGY COSTS TO:				TOTAL =	431.60

CITY OF HARVARD
201 WEST DIGGINS STREET
HARVARD, IL 60033
ENERGY SUPPLY: CONTACT: MIKE LENOX
PHONE: (815) 490-2869
COMPANY: COMMONWEALTH EDISON

FILE NAME =	USER NAME = plascencia	DESIGNED - IP	REVISED -
#FILEABBREV#		DRAWN - IP	REVISED -
	PLOT SCALE = 28,0000' / 1"	CHECKED - AW	REVISED -
	PLOT DATE = 10/27/2011	DATE - 10/25/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
US RTE 14 AND WAL-MART ENTRANCE / FORD DEALERSHIP ENTRANCE

SCALE: 1" = SHEET NO. OF SHEETS STA. TO STA.

SCHEDULE OF QUANTITIES

ITEM	UNIT	QUANTITY
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BM, RETROFIT	EACH	2
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAM, RETROFIT	EACH	6
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAM, RETROFIT	EACH	2
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BM, RETROFIT	EACH	2
UNINTERRUPTIBLE POWER SUPPLY SPECIAL	EACH	1

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	2011-208-TS	McHENRY	57	20
CONTRACT NO. 60R37			ILLINOIS	