

Restoration of Work Area. Restoration of the traffic signal work area shall be incidental to the related pay items such as foundation, conduit, handhole, trench and backfill, etc., and no extra compensation shall be allowed. All roadway surfaces such as shoulders, medians, sidewalks, pavement, etc. shall be replaced in kind. All damage to moved lawns shall be replaced with an approved sod, and all damage to unmowed fields shall be seeded in accordance with Standard Specifications 252 and 250 respectively.

## ELECTRICAL LOAD CHART

	SCHUYL	ER AVE							
SIGNAL SECTION	NUMBER	WATTAGE EACH	BURN TIME %						
RED	7	17	20	ł	THE TRAFF	C SIGNA	L CONTROL_E	QUIPMENT	
YELLOW	7	25	5	i	FOR THIS E	ROJECT	SHALL BE "E	AGLE" OR	
GREEN	7	15	75	ļ	EQUIVALEN	Γ.			
YELLOW ARROW	2	12	5	1	Edolina				
GREEN ARROW	2	12	5	1					
PEDESTRIAN	0	25	100	į.					
	BROAD	WAY ST		<u> </u>	DETECTOR				
SIGNAL SECTION	NUMBER	WATTAGE	BURN TIME %	LOOP SYSTEM	LABEL	NO. OF TURNS	INDUCTANCE (MH)	FREQUENCY (HERTZ)	J PIN STATUS
RED	4	12	20	A	02 NB STBR	4	544	26,167	OFF
YELLOW	Ó	25	5	1 - <del>6</del>	02 NB FAR	6	314	34,443	ON
GREEN	0	15	75	1 - <del>c</del> -	05 NB LT	4	814	21,392	ON
YELLOW ARROW	4	12	5	1 5	04 EB STBR	4	784	21,797	ON
GREEN ARROW	4	12	5	E	04 EB STBR	4	264	37,563	ON
PEDESTRIAN	2	25	100	F	04 EB FAR	6	286	36,089	ON
TRAFFIC SIGNAL CABINET				G	07 EB LT	4	784	21,797	ON
			<u>⊢</u> ň −	06 SB STBR	4	545	26,144	OFF	
ITFM	NUMBER	WATTAGE	BURN	<del>                                     </del>	06 SB FAR	6	320	34,118	ON
		EACH	TIME %	<del></del>	00 00 11				
CONTROLLER	1	100	100	1	TATUC				
LOOP DETECTORS	9	4	100		J PIN STATUS: "ON" MEANS STANDARD DETECTOR SETUP.				
				] "OR MI	EANO STANDA	NDE MYC	BEEN DISCOL	NECTED	
ITEM	NUMBER	WATTAGE EACH	BURN TIME %	"OFF" MEAN THE J WIRE HAS BEEN DISCONNECTED,  BUT INTERACT AT THE HARNESS PANEL WITH THE NECESSARY  SPARE CONNECTOR ATTACHED, MARKED AND INSULATED.					
LUMINAIRE	0	250	342 HRS/MO	J-ARE	CONTINECTOR	TIMOTILL	, III		

SCHUYLER AVE  $\neg \oplus$ -NO 20 RPGY!  $\oplus$ -NO. 10 BROADWAY ST -NO. 6 NO. 6 --(3)-ΠĐ  $\bigcirc$ ЦIII MA 위주고 CABLE PLAN **B** SCHUYLER AVE

> LUMINAIRE ENERGY CHARGES SHALL BE THE RESPONSIBILITY OF THE VILLAGE OF BRADLEY EMERGENCY VEHICLE PREFMPTION SEQUENCE \$ PROPOSED EMERGENCY VEHICLE PREEMPTORS **EMERGENCY 4** MOVEMENT

PHASE DESIGNATION DIAGRAM

GHA #4140.805 REVISIONS
DATE BY DESCRIPTION SCHEDULE OF QUANTITIES, CABLE PLAN, & PHASE DESIGNATION DIAGRAM 07-09-2010 JWG PER IDOT REVIEW BROADWAY STREET & SCHUYLER AVENUE GIA GEWALT HAMILTON ASSOCIATES, INC. M. GINGERICH, GEREAUX DRAWN BY: ZCW 850 Forest Edge Drive \* Vernon Hills, IL 60061 ASSOCIATES CHECKED BY: DPB DATE: 7/15/10

PROPOSED CONTROLLER

## CABLE PLAN LEGEND

SECTION

F.A.U. ROUTE.

SCHUYLER - F.A.U. 6201

BROADWAY - F.A.U. 6178

TOTAL SHEET

SHEETS NO.

CONTRACT NO.: 87370

COUNTY

08-00094-00-TL KANKAKEE 13 11

EXISTING	PROPOSED	C" (COC. ) TOATEIO SIGNAL SECTION				
©	G	8" (200mm) TRAFFIC SIGNAL SECTION				
R	R	12" (300mm) TRAFFIC SIGNAL SECTION				
	ØC #D	12" (300mm) PEDESTRIAN SIGNAL SECTION WITH COUNTDOWN TIMER				
$\boxtimes$	M	CONTROLLER CABINET				
-	-	SERVICE INSTALLATION				
(f)		TELEPHONE				
		VEHICLE DETECTOR, INDUCTION LOOP				
		MAGNETIC DETECTOR				
≪		EMERGENCY VEHICLE LIGHT DETECTOR				
⊶0	<b>-4</b>	CONFIRMATION BEACON				
©	•	PUSHBUTTON DETECTOR				
Ø	2	DENOTES NUMBER OF CONDUCTORS. ALL CABLE NO. 14 EXCEPT AS INDICATED. ALL LOOP DETECTOR CABLE TO BE SHEILDED.				
Ø	1	GROUND CABLE IN CONDUIT NO.6 SOLID COPPER (GREEN)				
<b>A</b>	29	FIBER OPTIC CABLE IN CONDUIT NO. 62.5/125 2-MM12F SM12F				
ूँ। (((())	R > G 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	SIGNAL FACE WITH BACKPLATE. "P" INDICATES PROGRAMMED HEAD				
"E" ▶€		RAILROAD CONTROL CABINET				
"E"	9	ILLUMINATED SIGN "NO LEFT TURN"				
"E"	8	ILLUMINATED SIGN "NO RIGHT TURN"				
H/C	C             - •	GROUND ROD AT HANDHOLE (H), DOUBLE HANDHOLE (H), OR CONTROLLER (C)				
Рин	Pull	GROUND ROD AT POST (P) OR MAST ARM POLE (MÅ)				
Sill	Sill	GROUND ROD AT ELECTRIC SERVICE INSTALLATION				
	UPS	UNINTERUPTIBLE POWER SUPPLY				
	×	LUMINAIRE				
		N				

