

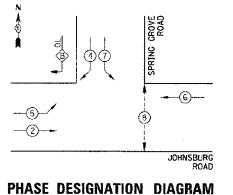
SCHEDULE OF QUANTITIES

ITEM	UNIT	TOTAL
SIGN PANEL - TYPE 2	SQFT	32.25
SERVICE INSTALLATION - POLE MOUNTED	EACH	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	15.0
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	113.0
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	92.0
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	315.0
HANDHOLE	EACH	2
DOUBLE HANDHOLE	EACH	2
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	419.5
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	704.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	937.5
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	853.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 18 3C	FOOT	582.5
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	48.0
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1,085.5
TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	1
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	3
TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 26 FT,	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 30 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	20.0
CONCRETE FOUNDATION, TYPE C	FOOT	4.0
CONCRETE FOUNDATION, TYPE E 30-INCH DIA METER	FOOT	10.0
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	11.0
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	3
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	1
SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	1
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2
TRAFFIC SIGNAL BACKPLATE, LOUVERED	EACH	4
LIGHT DETECTOR	EACH	2
LIGHT DETECTOR AMPLIFIER	EACH	1
PEDESTRIAN PUSH-BUTTON	EACH	2
EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO., 20 3/C	FOOT	270.5
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1
VIDEO DETECTION SYSTEM COMPLETE INTERSECTION	LSUM	0.50

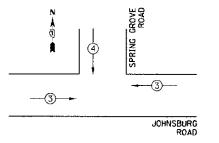
THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" AS REQUIRED BY THE MCHENRY COUNTY DIVISION OF TRANSPORTATION.

ELECT	RICAL SERVICE	E REQUIRE	MENTS		TOTAL	
TYPE	NO. LAMPS	WATT	WATTAGE % OPERATION			
		INCAND.	LED	7 1		
SIGNAL (RED)	11		17	0.50	93.50	
(YELLOW)	11		25	0.25	68,75	
(GREEN)	11		15	0.25	41.25	
ARROW	8		12	0.10	9.60	
PED. SIGNAL	2		25	1.00	50.00	
CONTROLLER	1		100	1.00	100.00	
UPS	1		25	1,00	25.00	
VIDEO SYSTEM	1		15	1.00	15.00	
				TOTAL =	403.10	
ENERGY COS	1515	LAGE OF CHANNEL NSBURG,	BEACH	I AVENUE		
ENERGY SUPPLY CO	· · · · · · · · · · · · · · · · · · ·	A FERNAN	DEZ /	<u> </u>		

CONTROLLER SEQUENCE



OVERLAP	PI	ERMISSI	VE P	ROTEC	TED
PHASE		PHASE		PHAS	E
В	=	4	+	5	
CONTRO	LLE	R SEQU	ENCE	LEGE	ND
		DUAL E	NTRY P	HASE	
*		SINGLE	ENTRY	PHAS	E
<u></u> \$≥º	Ļ	OVERLA	₽		
*		NUMBER ASSOCIA			TO
→ -(*)	-	PEDEST	RIAN PI	HASE	



EMERGENCY VEHICLE PREEMPTION SEQUENCE

PROPOSED EMERGENCY VEHIC	LE PREE	MPTORS
PROPOSED EMERGENCY VEHICLE PREEMPTORS	3	4
MOVEMENT	=	

<u> 1</u> 2/22/2013

JOHNSBURG ROAD @ SPRING GROVE ROAD

	USER NAME	=	whood
Green.com Is Professional Design Firm	FILE NAME	=	Ø8Ø622-
4-601322	PLOT SCALE	Ξ	NTS
	PLUT DATE	Ξ	2/20/20

USER NAME = whood	DESIGNED -	REVISED -
FILE NAME = Ø8Ø622-aagØ2c-Spradgn	DRAWN -	REVISED -
PLOT SCALE = NTS	CHECKED -	REVISED -
PLUI DATE = 2/20/2013	DATE - 2/20/13	REVISED -

MCHENRY COUNTY **DIVISION OF TRANSPORTATION**

							DIAGRA	
L							MPTION	SEQUENCE
SCALE: NTS	SHEET	NO.	3 OF	4	SHEETS	S A.		TO STA.

 168	05-00314-00-WR	MCHENRY CONTRACT	187 NO.	101 6351
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.