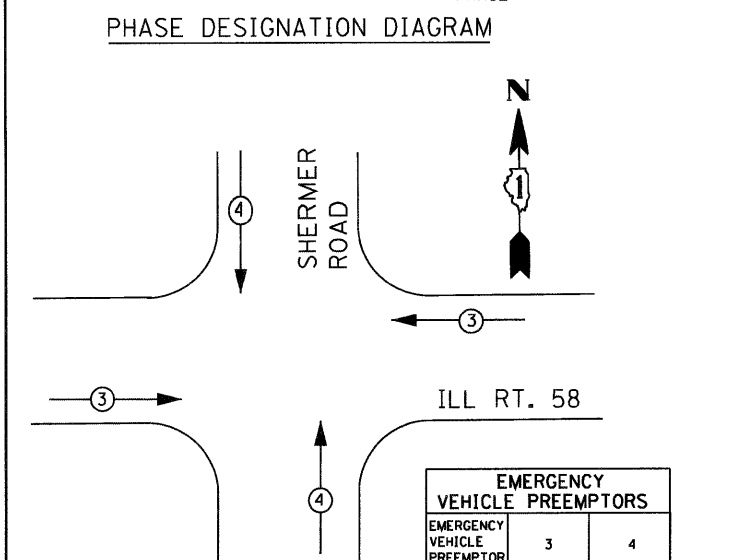
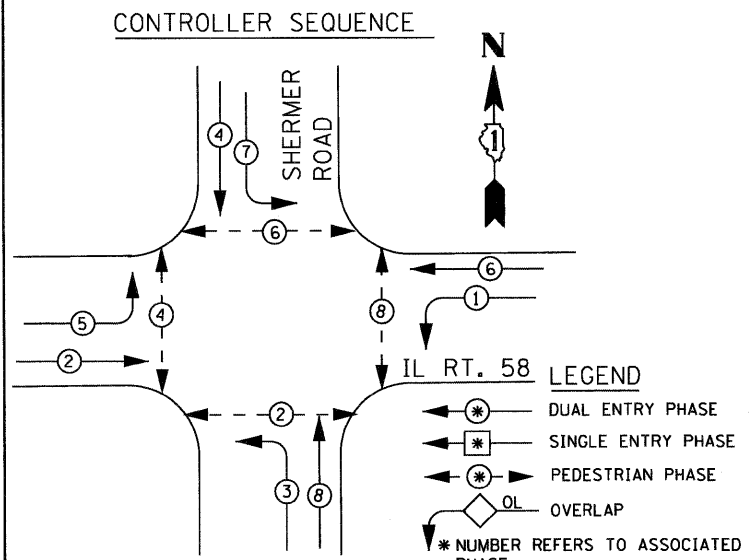


REGINA WEBSTER AND ASSOC. INC. CIVIL ENGINEERING CONSULTANTS 660 North Cicero Avenue, Suite 500 Chicago, Illinois 60623-1369

RWA Regina Webster & Associates, Inc.



EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	←	↑

TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. LAMPS	WATTAGE		% OPERATIONS	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	18	135	17	0.50	153
(YELLOW)	18	135	25	0.25	112.5
(GREEN)	18	135	15	0.25	67.5
ARROW	16	135	12	0.10	19.2
PED. SIGNAL	8	90	25	1.00	200
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN	X	252	25	0.05	X
VIDEO SYSTEM	X	150	-	1.00	X
FLASHER LED					
TOTAL =					652.2

ENERGY COSTS- BILLED TO: IDOT DISTRICT 1
201 WEST CENTER COURT
SCHAMBURG, IL 60196-1096

ENERGY SUPPLY - CONTACT XXXXXXXX
PHONE XXXXXXXX
COMPANY COMED

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM

PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTORS

PROPOSED INTERSECTION RIGHT TURN LANE DETECTOR

SCHEDULE OF QUANTITIES

ITEM	UNIT	QUANTITY	ITEM	UNIT	QUANTITY
SIGN PANEL - TYPE 1	SO FT	27.0	STEEL MAST ARM ASSEMBLY AND POLE, 48 FT.	EACH	1
CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	645.0	STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	1
CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	87.0	CONCRETE FOUNDATION, TYPE A	FOOT	16.0
CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	24.0	CONCRETE FOUNDATION, TYPE C	FOOT	4.0
CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	352.0	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	52.0
CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	411.0	SIGNAL HEAD, L.E.D., 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	6
HANDHOLE	EACH	5	SIGNAL HEAD, L.E.D., 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	4
HEAVY-DUTY HANDHOLE	EACH	4	SIGNAL HEAD, L.E.D., 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	4
DOUBLE HANDHOLE	EACH	1	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	10
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	756.0	PEDESTRIAN SIGNAL HEAD, L.E.D., 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2	INDUCTIVE LOOP DETECTOR	EACH	10
FULLY ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1	DETECTOR LOOP, TYPE I	FOOT	1071
TRANSCEIVER - FIBER OPTIC	EACH	1	PEDESTRIAN PUSH-BUTTON	EACH	8
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1402.0	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2159.0	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1605.0	TEMPORARY INFORMATION SIGNING	SO FT	102.8
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1653.0	SERVICE INSTALLATION, POLE MOUNT	EACH	1
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1937.0	UNINTERRUPTIBLE POWER SUPPLY (UPS)	EACH	1
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	172.5	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO.6 1C	FOOT	800.0
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	4	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	685.0
STEEL MAST ARM ASSEMBLY AND POLE, 32 FT.	EACH	1	* LIGHT DETECTOR	EACH	2
STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	1	* LIGHT DETECTOR AMPLIFIER	EACH	1
			REMOVE EXISTING HANDHOLE	EACH	7
			REMOVE EXISTING CONCRETE FOUNDATION	EACH	8

* THE VILLAGE OF GLENVIEW RESPONSIBLE FOR 100% OF COST