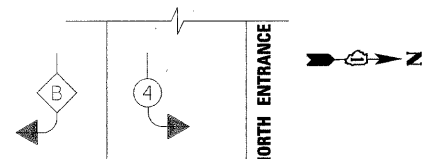


CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM



LEGEND

- ⊗ DUAL ENTRY PHASE
- ⊠ SINGLE ENTRY PHASE
- * OL OVERLAP
- * NUMBER REFERS TO ASSOCIATED PHASE



INTERCONNECT TO OLD ORCHARD MALL MIDDLE ENTRANCE

TRACER CABLE

US ROUTE 41

NO. 20

NORTH ENTRANCE

(SKOKIE BLVD)

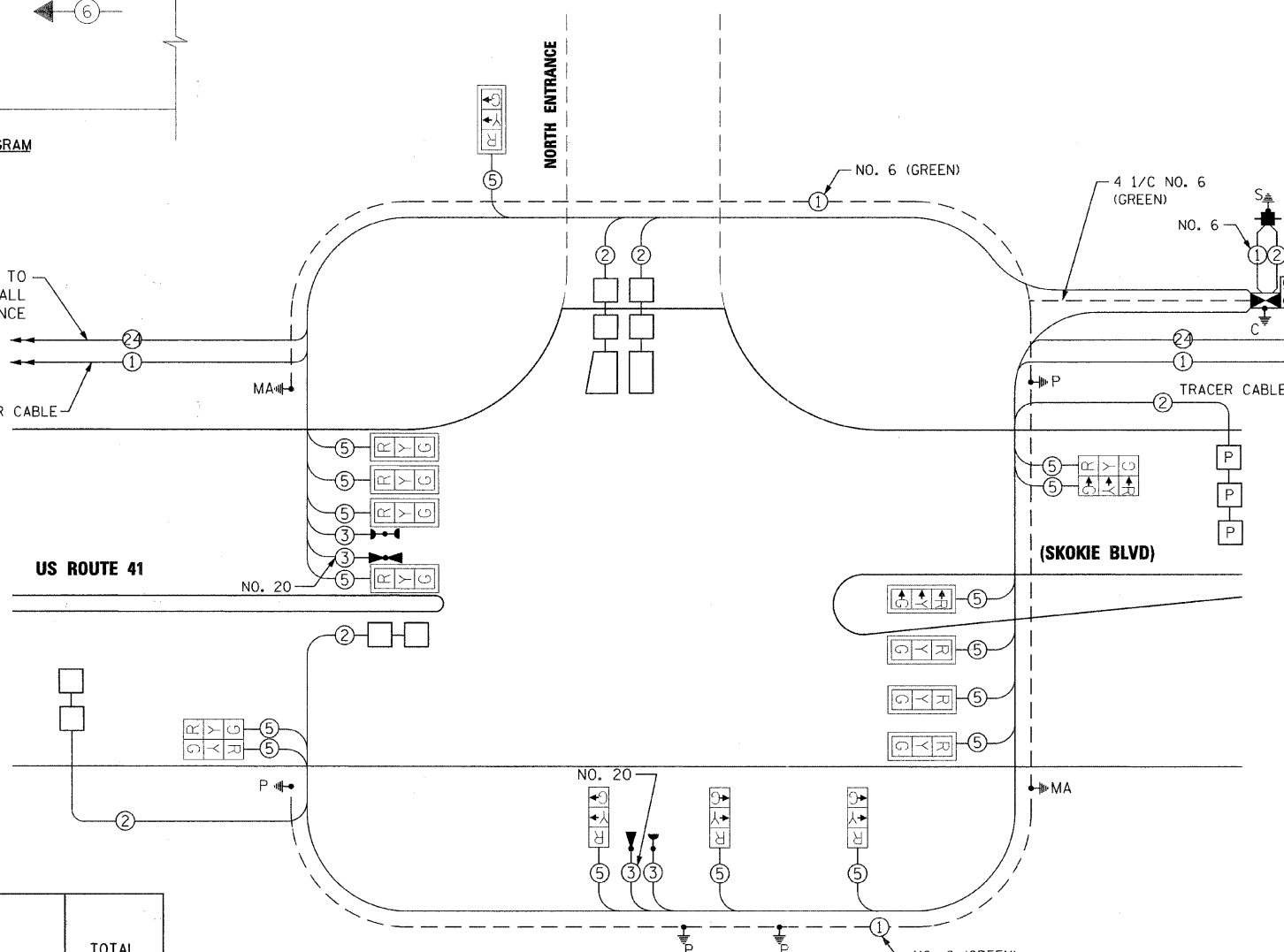
ITEM

SCHEDULE OF QUANTITIES

UNIT QUANTITY

ITEM	UNIT	QUANTITY
SIGN PANEL - TYPE 1	SQ FT	10
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	614
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	126
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	19
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	342
HANDHOLE	EACH	4
HEAVY-DUTY HANDHOLE	EACH	1
DOUBLE HANDHOLE	EACH	1
UNINTERRUPTIBLE POWER SUPPLY, EXTENDED	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	398
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2,955
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1,237
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	28
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	559
TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	3
TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 42 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 40 FT. AND 46 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	16
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	27
DRILL EXISTING HANDHOLE	EACH	1
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	9
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3
SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	9
INDUCTIVE LOOP DETECTOR	EACH	5
DETECTOR LOOP, TYPE I	FOOT	348
PREFORMED DETECTOR LOOP	FOOT	117
LIGHT DETECTOR	EACH	2
LIGHT DETECTOR AMPLIFIER	EACH	1
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	10
REMOVE EXISTING CONCRETE FOUNDATION	EACH	7
FULL-ACTUATED CONTROLLER AND CABINET, TYPE IV, SPECIAL	EACH	1
ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	398
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1

U.S. ROUTE 41 (SKOKIE BOULEVARD) AND NORTH ENTRANCE CABLE PLAN



I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND.	WATTAGE LED	% OPERATION	
SIGNAL (RED)	16	135	17	0.50	136
(YELLOW)	16	135	25	0.25	100
(GREEN)	16	135	15	0.25	60
ARROW		135	12	0.10	
PED. SIGNAL		90	25	1.00	
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN		84		0.05	
FLASHER				0.50	--
ENERGY COSTS TO: VILLAGE OF SKOKIE 9050 GROSS POINT ROAD SKOKIE, IL 60077 ENERGY SUPPLY CONTACT: Mr. LARRY SHANKS PHONE: (847) 816-5465 COMPANY: COMED					TOTAL = 396

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

TranSystems
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SCHALMURG, ILLINOIS 60173
(847) 605-9600