

SCHEDULE OF QUANTITIES

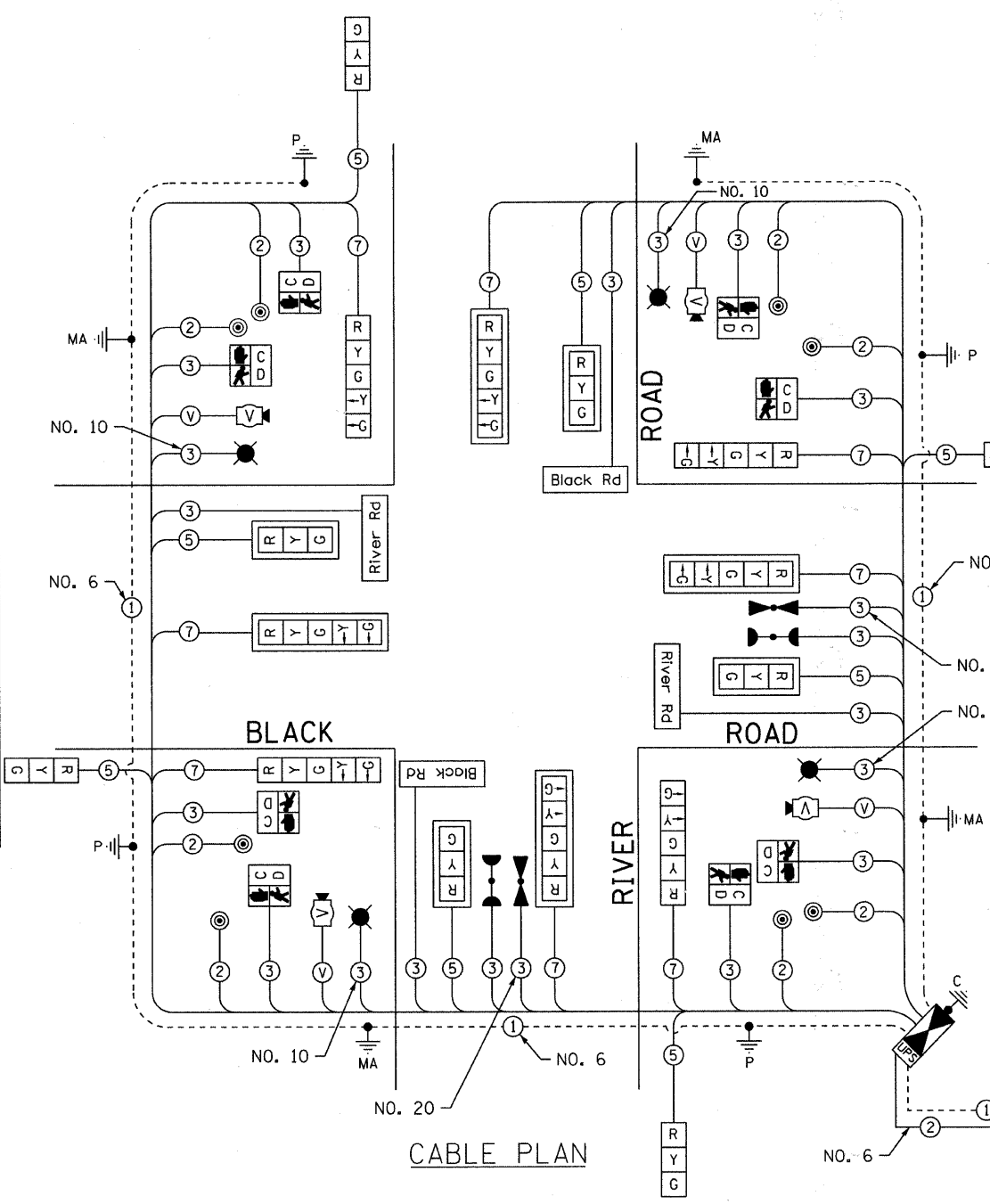
PAY ITEM	UNIT	QUANTITY
PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	35
CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	37
CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	35
CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	20
CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	435
HANDHOLE	EACH	3
DOUBLE HANDHOLE	EACH	1
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10	FOOT	854
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	108
LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTO-CELL CONTROL, 250 WATT	EACH	4
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1262
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2344
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1471
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1519
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 20 3C	FOOT	300
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	40
ELECTRIC CABLE IN CONDUIT, EQUIPMENT, GROUNDING CONDUCTOR, NO. 6 1C	FOOT	505
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	4
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 40 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH	3
CONCRETE FOUNDATION, TYPE A	FOOT	16
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	52
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	4
SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	4
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
TRAFFIC SIGNAL BACKPLATE, LOUVERED	EACH	8
LIGHT DETECTOR	EACH	2
LIGHT DETECTOR AMPLIFIER	EACH	1
PEDESTRIAN PUSH-BUTTON	EACH	8
RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	EACH	1
REMOVE TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
VIDEO VEHICLE DETECTION SYSTEM	EACH	1
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1
MODIFY EXISTING SERVICE INSTALLATION	EACH	1
PAINT NEW COMBINATION MAST ARM AND POLE, OVER 40 FT	EACH	4
PAINT NEW SIGNAL POST	EACH	4
SERVICE INSTALLATION - POLE MOUNTED	EACH	1
UNINTERRUPTIBLE POWER SUPPLY	EACH	1
MAINTENANCE OF EXISTING TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
LED INTERNALLY ILLUMINATED STREET NAME SIGN	EACH	4

I.D.O.T TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND.	LED	%OPERATION	
SIGNAL (RED)	16	17		0.50	136.00
(YELLOW)	16	25		0.25	100.00
(GREEN)	16	15		0.25	60.00
ARROW	16	12		0.10	19.20
PED. SIGNAL	8		25	1.00	200.00
CONTROLLER	1	100		1.00	100.00
ILLUM. SIGN	4	90		0.50	180.00
VIDEO DET.	1		150	1.00	150.00
LUMINAIRE	4	250		0.50	500.00
FLASHER				0.50	-
TOTAL =					1445.20

ENERGY COSTS TO:
VILLAGE OF SHOREWOOD
1 TOWN CENTER BOULEVARD
SHOREWOOD, ILLINOIS 60404

ENERGY SUPPLY CONTACT: JIM GLOVER
PHONE: (815) 724-5054
COMPANY: COM. ED.

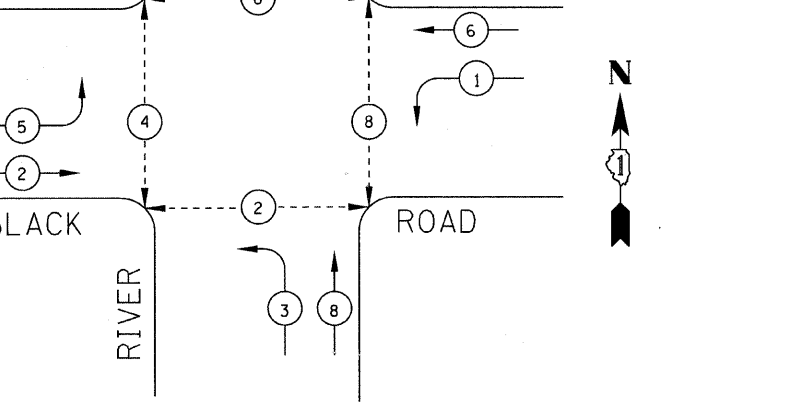
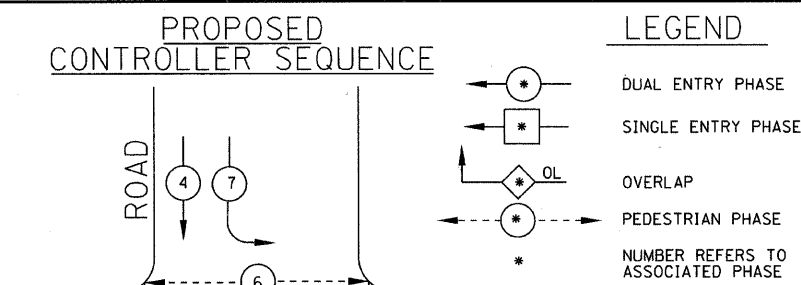
DESIGNED - DSH	REVISED -
DRAWN - CJC	REVISED -
CHECKED - LDH	REVISED -
DATE - 12/6/10	FILE - 090491-PH2-ts-cable.sht



CABLE PLAN
CABLE PLAN LEGEND

(NOTE: SEE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAILS SHEET FOR FULL LEGEND)

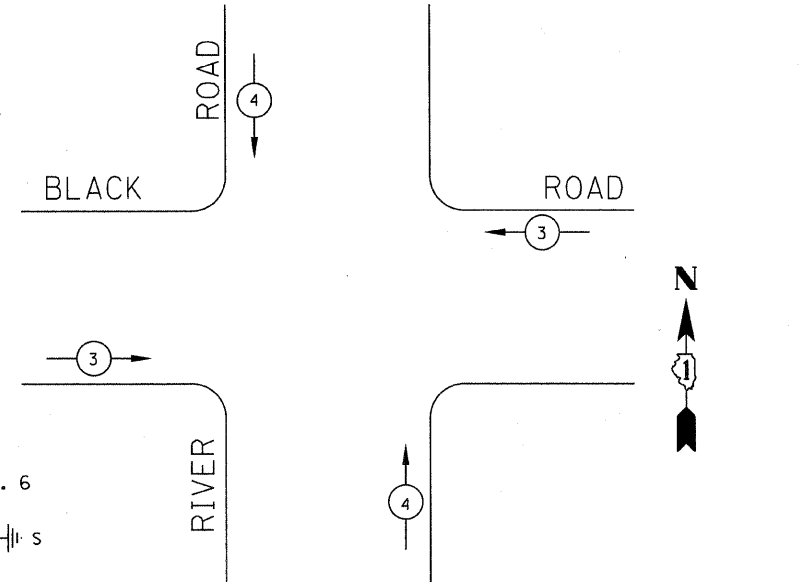
Black Rd LED INTERNALLY ILLUMINATED STREET NAME SIGNS



PHASE DESIGNATION DIAGRAM



PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



NOTES:
1. THE PRIORITY CONTROL SYSTEM EQUIPMENT SHALL MATCH THE EXISTING EQUIPMENT TYPE ON ADJACENT SIGNAL SYSTEMS.

PROPOSED EMERGENCY VEHICLE PREEMPTION		
EMERGENCY VEHICLE PREEMPTION	3	4
MOVEMENT	← →	↑ ↓

VILLAGE OF SHOREWOOD, ILLINOIS
BLACK ROAD & RIVER ROAD
INTERSECTION IMPROVEMENT

SCHEDULE OF QUANTITIES, CABLE PLAN AND
PHASE DESIGNATION DIAGRAM
BLACK ROAD AND RIVER ROAD

F.A.U. RTL 0298 0396	SECTION 09-00028-00-CH	COUNTY WILL	TOTAL SHEETS 63	SHEET NO. 41
C-91-726-09		CONTRACT NO. 63562		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-9003385

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 12/27/2010