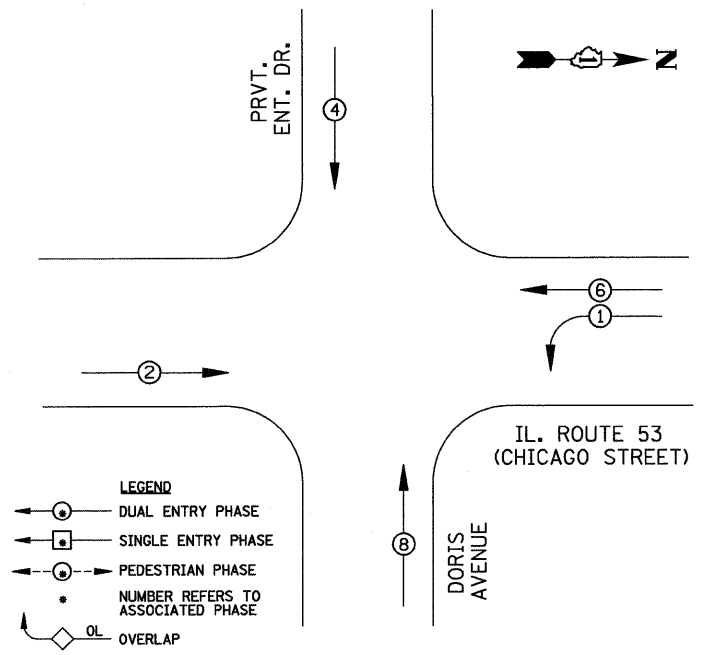


CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM

SCHEDULE OF QUANTITIES

ITEM	UNIT	QUANTITY
SIGN PANEL, TYPE 1	SQ FT	13.5
REMOVE SIGN PANEL- TYPE 1	SQ FT	13.5
THERMOPLASTIC PAVEMENT MARKING- LINE 24"	FOOT	82
THERMOPLASTIC PAVEMENT MARKING REMOVAL	FOOT	82
CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	8
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	8
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
FULL-ACTUATED CONTROLLER AND TYPE V CABINET, SPECIAL	EACH	1
MASTER CONTROLLER	EACH	1
UNINTERRUPTIBLE POWER SUPPLY	EACH	1
TRANSCEIVER- FIBER OPTIC	EACH	1
GROUNDING EXISTING HANDHOLE FRAME AND COVER	EACH	5
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	200
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	514
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	409
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 36 FT.	EACH	1
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	13.5
DRILL EXISTING HANDHOLE	EACH	1
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	5
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	1
SIGNAL HEAD, L.E.D., 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	1
TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	6
INDUCTIVE LOOP DETECTOR	EACH	3
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	248
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	1
VIDEO DETECTION SYSTEM	EACH	1
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM - LEVEL I	EACH	2

I.D.O.T TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND.	LED	%OPERATION	
SIGNAL (RED)	11	135	17	0.50	93.5
(YELLOW)	11	135	25	0.25	68.75
(GREEN)	11	135	15	0.25	41.25
ARROW	4	135	12	0.10	4.8
PED. SIGNAL		90	25	1.00	
CONTROLLER	1	100	100	1.00	100
VIDEO DETECTION	1	50	50	1.00	50
TOTAL =					358.3

ENERGY COSTS TO: _____ TOTAL = 358.3

ENERGY SUPPLY CONTACT: _____
 PHONE: _____
 COMPANY: COMED

FILE NAME = \MICROST\352090\ RT53RDORIS CAB.DGN
 USER NAME = JGC
 DESIGNED - KK
 DRAWN - JGC
 CHECKED - BPT
 DATE - 6-20-11
 PLOT SCALE = 1"=20'
 PLOT DATE = 6-28-11

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

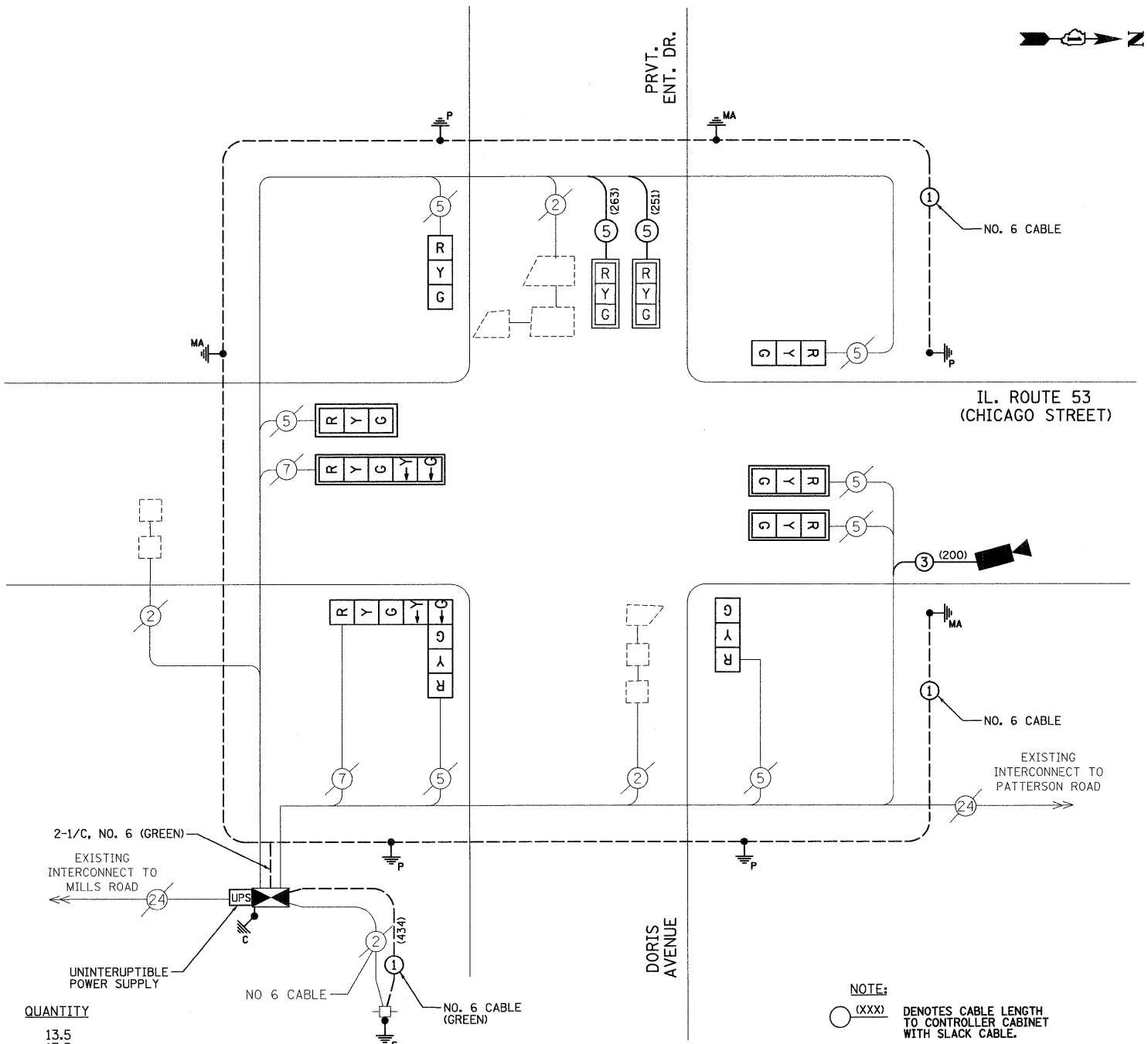
SCHEDULE OF QUANTITIES, CABLE PLAN
 AND PHASE DESIGNATION DIAGRAM
 IL. 53 (CHICAGO STREET) / U.S. 52 AT DORIS AVENUE

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

PREPARED BY:
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2010-085-TS	WILL	28	13

CONTRACT NO. 60L80
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT



CABLE PLAN

NOTE:
 (XXX) DENOTES CABLE LENGTH TO CONTROLLER CABINET WITH SLACK CABLE.