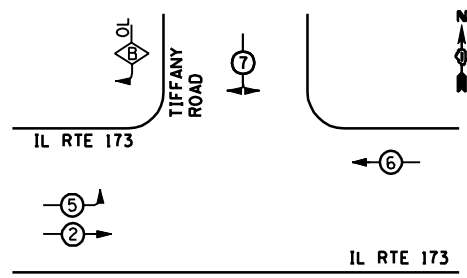


PROPOSED CONTROLLER SEQUENCE

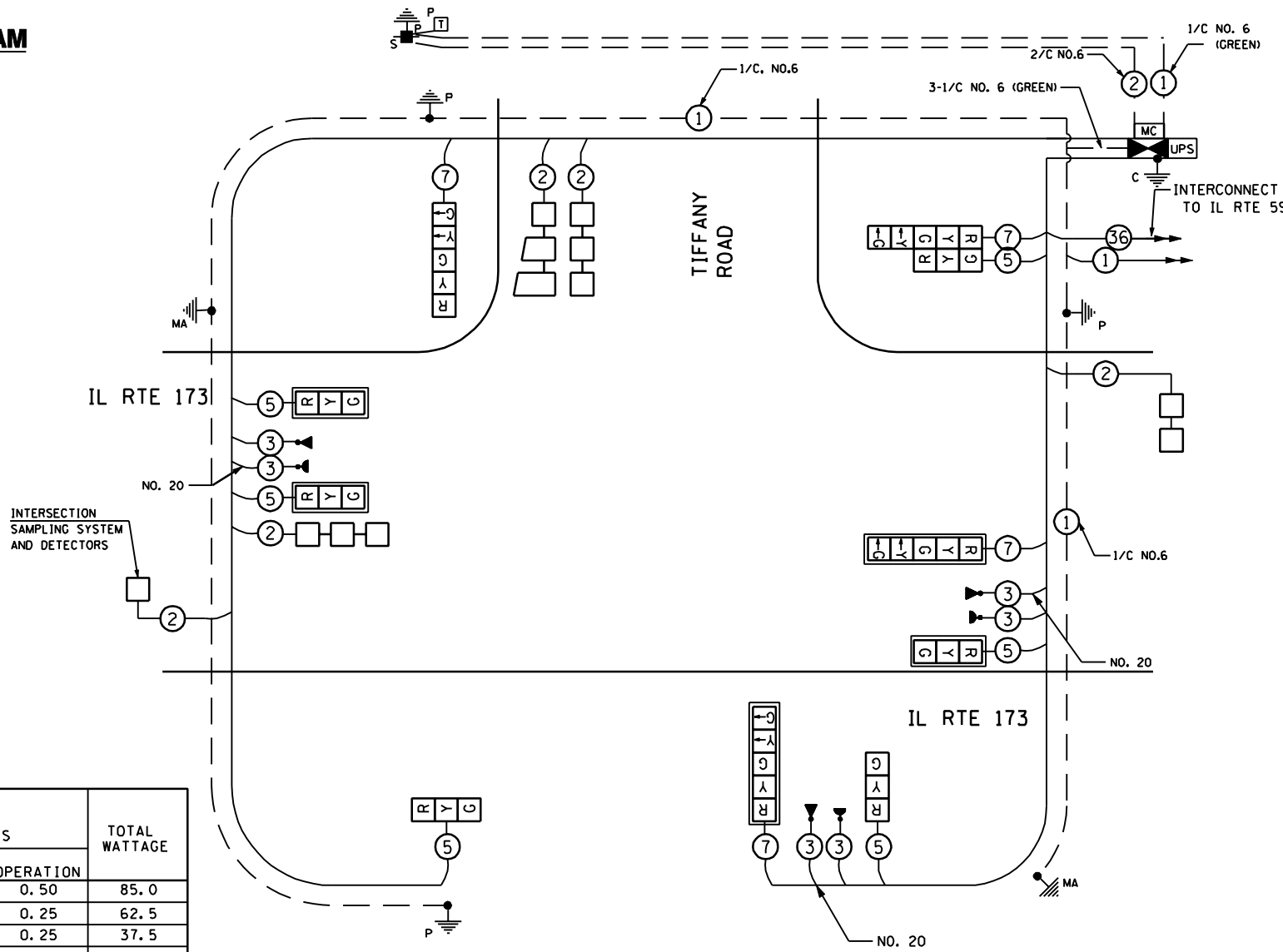


LEGEND

- SINGLE ENTRY PHASE
- DUAL ENTRY PHASE
- OVERLAP
- PEDESTRIAN PHASE
- NUMBER REFERS TO ASSOCIATED PHASE

OVERLAP LETTER = PERMISSIVE PHASE + PROTECTED PHASE
 B = 7 + 5

PHASE DESIGNATION DIAGRAM



CABLE PLAN

SCHEDULE OF QUANTITIES

ITEM	UNIT	QUANTITY
SIGN PANEL - TYPE 2	SO FT	57.5
SERVICE INSTALLATION - POLE MOUNTED	EACH	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	625
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	41
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	55
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	251
HANDHOLE	EACH	6
HEAVY-DUTY HANDHOLE	EACH	2
DOUBLE HANDHOLE	EACH	1
FULL-ACTUATED CONTROLLER AND TYPE V CABINET	EACH	1
UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	1
TRANSCEIVER - FIBER OPTIC	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 2C	FOOT	1219
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 3C	FOOT	388
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 5C	FOOT	972
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 7C	FOOT	569
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	441
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	110
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	229
TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	1
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	2
STEEL MAST ARM ASSEMBLY AND POLE, 24 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 20 FT. AND 26 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	12
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	10
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	12
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	3
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	2
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	1
TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	6
INDUCTIVE LOOP DETECTOR	EACH	5
DETECTOR LOOP, TYPE 1	FOOT	425
LIGHT DETECTOR	EACH	3
LIGHT DETECTOR AMPLIFIER	EACH	3
EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	388
OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1

* VILLAGE OF ANTIOCH

I. D. O. T TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. OF LAMPS	WATTAGE INCAND.	L. E. D.	OPERATION	
SIGNAL (RED)	10	135	17	0.50	85.0
(YELLOW)	10	135	25	0.25	62.5
(GREEN)	10	135	15	0.25	37.5
ARROW	8	135	12	0.10	9.6
PED. SIGNAL		90	25	1.00	
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN		84	120	0.05	
VIDEO VEH. SENSOR		15	15	1.00	
FLASHER				0.50	
TOTAL					294.6

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAY/DISTRICT 1
 201 CENTER CT/SCHAUMBURG, IL 60196-1096
 ENERGY SUPPLY - CONTACT: ROSE PECORARO
 PHONE: (847) 608-2331
 COMPANY: COMMONWEALTH EDISON

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

**IL 173 AT TIFFANY ROAD
 CABLE PLAN, PHASE DESIGNATION DIAGRAM,
 AND SCHEDULE OF QUANTITIES**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2011-071-N	COOK/KANE	56	34
CONTRACT NO.			60P90	

SCALE: N/A SHEET NO. 2 OF 2 SHEETS STA. TO STA.

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

FILE NAME : P:\2011\ME11007_Ver-Vor-Ph1\CADD\W083_IL173.etl\Tiff_Rd\Shs\DI60L28-sht-TS12.dgn
 USER : M11111111
 DATE : 2/5/2013



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MILLENNIA PROFESSIONAL SERVICES

DESIGNED - CJD	REVISED -
DRAWN - CJD	REVISED -
CHECKED - TVN	REVISED -
DATE - 2/5/2013	REVISED -

TS-12

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