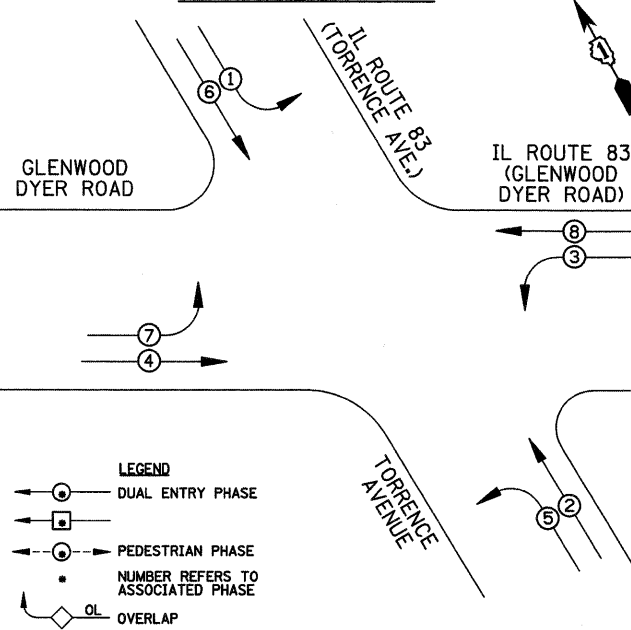
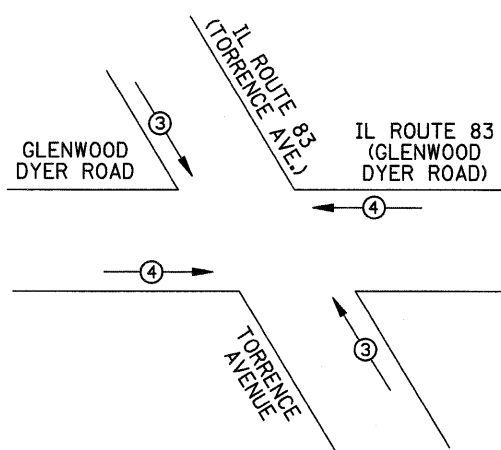


CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM



PROPOSED EMERGENCY VEHICLE PREEMPTORS			
EMERGENCY VEHICLE PREEMPTOR	3	4	
MOVEMENT		=	

EMERGENCY VEHICLE PREEMPTION SEQUENCE

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND. LED	%OPERATION		
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	90	90	25	1.00	
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN		84		0.05	
FLASHER		135	25	0.50	

ENERGY COSTS TO: TOTAL = 452.2
 ILLINOIS DEPARTMENT OF TRANSPORTATION
 201 W. CENTER COURT
 SCHAUMBURG, IL 60196

ENERGY SUPPLY CONTACT: VALERIE MURPHY
 (708) 235-2346
 PHONE: COMED
 COMPANY:

FILE NAME = \MICROST\352102\ IL83 @ GLENWD CAB.DGN	USER NAME = JGC	DESIGNED - BPT	REVISED -
		DRAWN - RDS/JGC	REVISED -
		CHECKED - BPT	REVISED -
		DATE - 10-21-11	REVISED -

ITEM

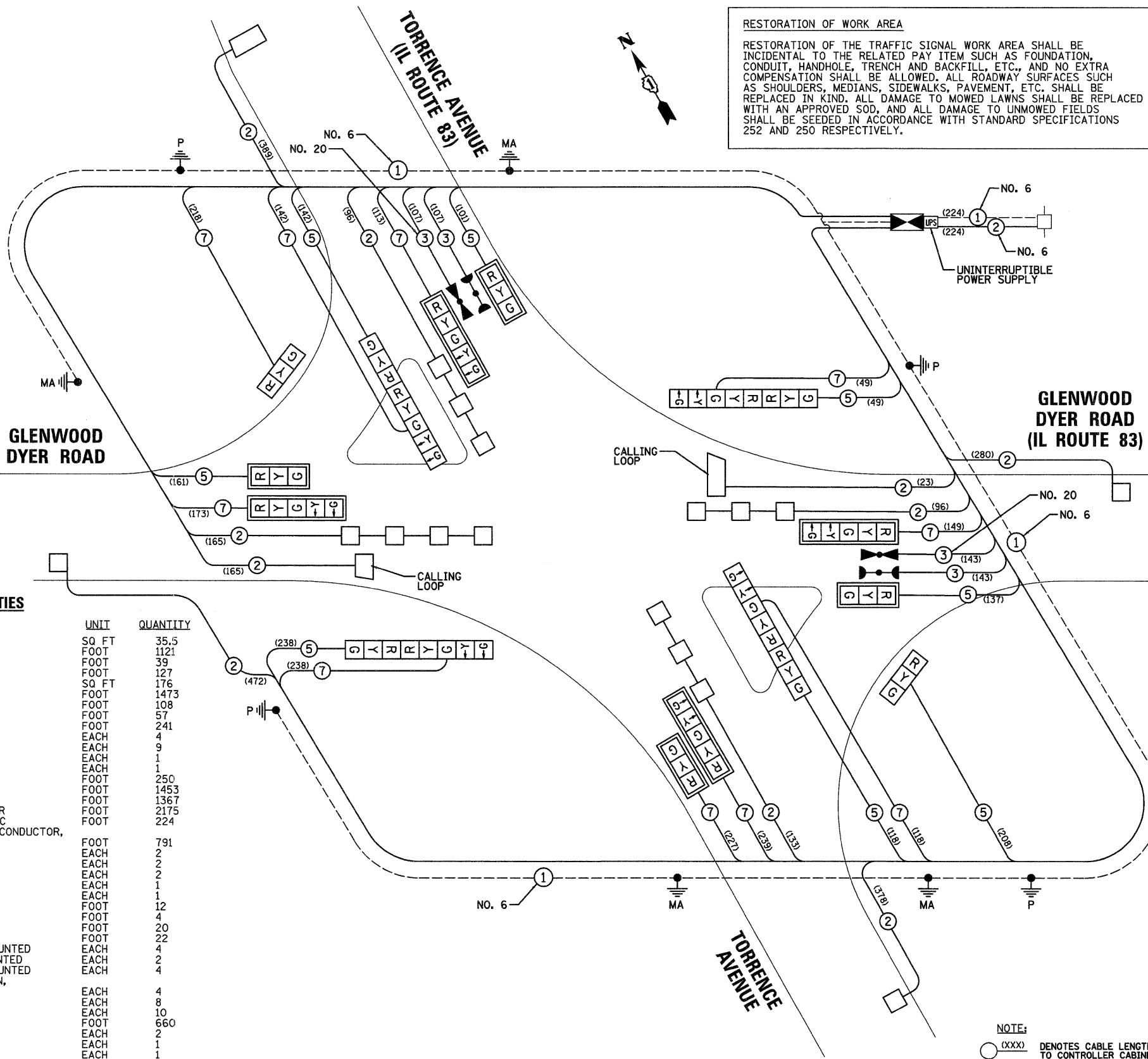
- SIGN PANEL - TYPE 1
- THERMOPLASTIC PAVEMENT MARKING - LINE 4"
- THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- THERMOPLASTIC PAVEMENT MARKING - LINE 24"
- PAVEMENT MARKING REMOVAL
- UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.
- UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.
- UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.
- UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.
- HANDHOLE
- HEAVY DUTY HANDHOLE
- DOUBLE HANDHOLE
- FULL-ACTUATED CONTROLLER AND TYPE IV CABINET
- ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C
- ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C
- ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C
- ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR
- ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C
- ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C
- TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.
- TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
- STEEL MAST ARM ASSEMBLY AND POLE, 26 FT.
- STEEL MAST ARM ASSEMBLY AND POLE, 34 FT.
- STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.
- CONCRETE FOUNDATION, TYPE A
- CONCRETE FOUNDATION, TYPE C
- CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER
- CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER
- SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED
- SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED
- SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED
- SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED
- TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
- INDUCTIVE LOOP DETECTOR
- DETECTOR LOOP, TYPE 1
- * LIGHT DETECTOR
- * LIGHT DETECTOR AMPLIFIER
- TEMPORARY TRAFFIC SIGNAL INSTALLATION
- REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
- REMOVE EXISTING HANDHOLE
- REMOVE EXISTING CONCRETE FOUNDATION
- * ELECTRIC CABLE IN CONDUIT, NO. 20 3/C, TWISTED, SHIELDED
- TEMPORARY INFORMATION SIGNING
- TEMPORARY TRAFFIC SIGNAL TIMING
- UNINTERRUPTIBLE POWER SUPPLY SPECIAL

*100% COST TO THE VILLAGE OF LYNWOOD

SCHEDULE OF QUANTITIES

UNIT	QUANTITY
SQ FT	35.5
FOOT	1121
FOOT	39
FOOT	127
SQ FT	176
FOOT	1473
FOOT	108
FOOT	57
FOOT	241
EACH	4
EACH	9
EACH	1
EACH	1
FOOT	250
FOOT	1453
FOOT	1367
FOOT	2175
FOOT	224
FOOT	791
EACH	2
EACH	2
EACH	2
EACH	1
EACH	1
FOOT	12
FOOT	4
FOOT	20
FOOT	22
EACH	4
EACH	2
EACH	4
EACH	2
EACH	4
EACH	4
EACH	8
EACH	10
FOOT	660
EACH	2
EACH	1
EACH	1
EACH	1
EACH	8
EACH	7
FOOT	250
SQ FT	51.4
EACH	1
EACH	1

GLENWOOD DYER ROAD



CABLE PLAN

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

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES, CABLE PLAN
 AND PHASE DESIGNATION DIAGRAM
 IL ROUTE 83 (TORRENCE AVENUE) AT GLENWOOD DYER ROAD

PREPARED BY:
CEMCON, Ltd.
 Consulting Engineers, Land Surveyors & Planners
 2280 White Oak Circle, Suite 100
 Aurora, Illinois 60504-9675
 PH: 630.862.2100 FAX: 630.862.2199
 E-Mail: oedd@cemcon.com Website: www.cemcon.com

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2937	2011-040-TS	COOK	14	13

CONTRACT NO. 60P46
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

RESTORATION OF WORK AREA
 RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.