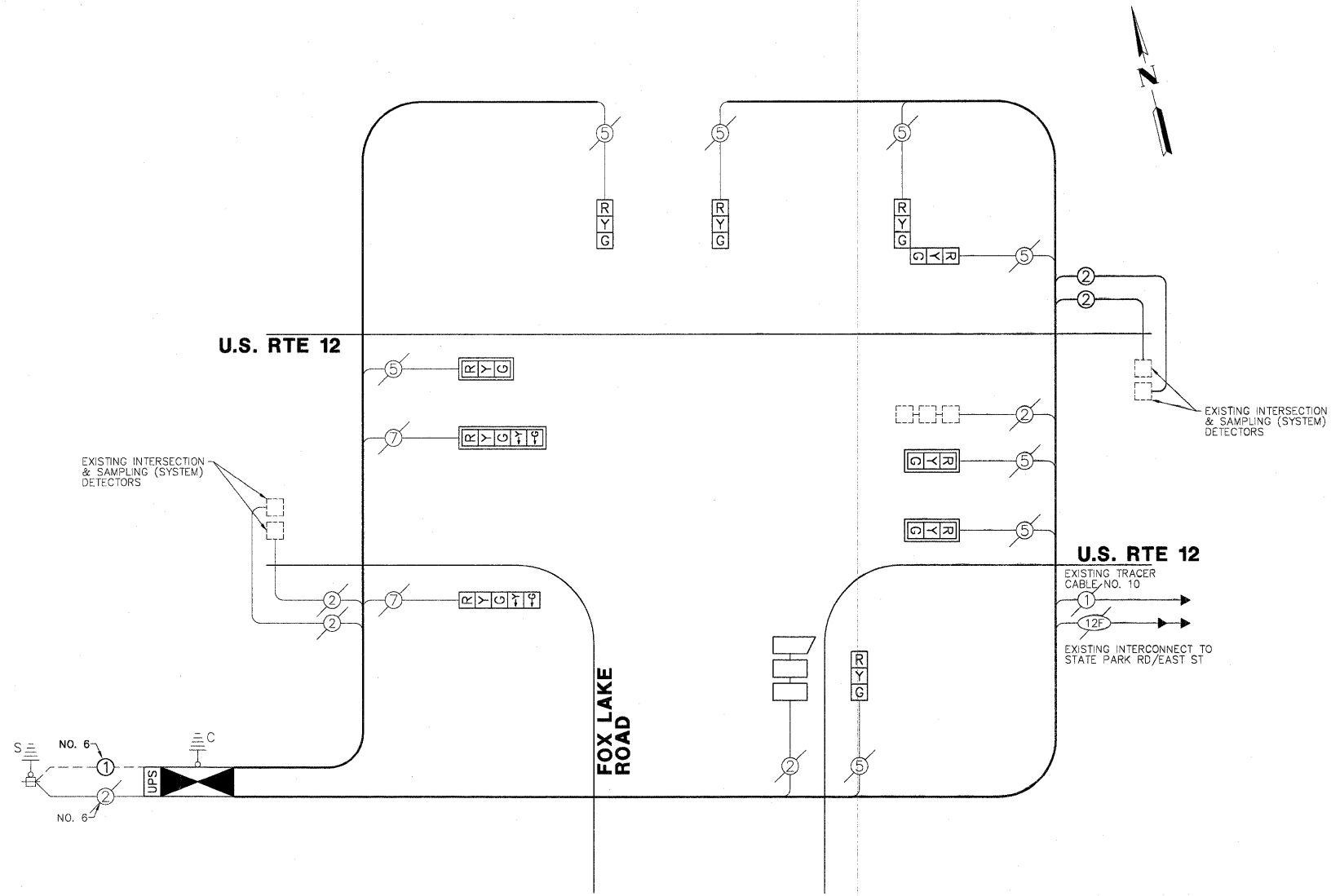
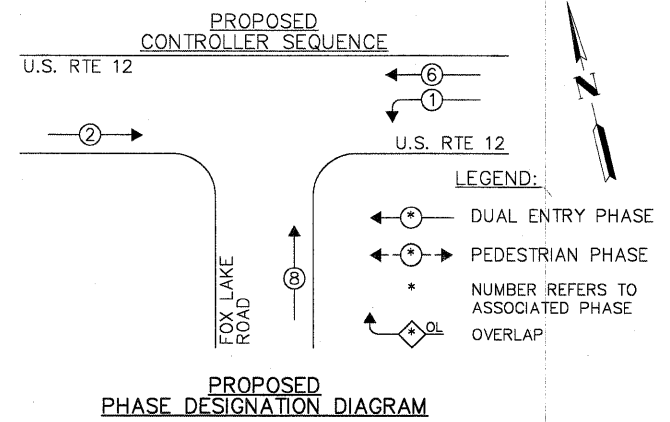


SCHEDULE OF QUANTITIES
U.S. RTE 12 AT FOX LAKE ROAD

NO.	QUANT.	UNIT
1.	1	CAL MO ENGINEER'S FIELD OFFICE, TYPE A
2.	1	EACH MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
3.	1	EACH FULL-ACTUATED CONTROLLER AND TYPE IV CABINET
4.	1	EACH TRANSCEIVER - FIBER OPTIC
5.	1,032	FOOT ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 PAIR
6.	3	EACH SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
7.	3	EACH SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED
8.	1	EACH SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED
9.	1	EACH SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED
10.	1	EACH SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED
11.	4	EACH TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINIUM
12.	6	EACH INDUCTIVE LOOP DETECTOR
13.	134	FOOT DETECTOR LOOP REPLACEMENT
14.	1,032	FOOT REMOVE ELECTRIC CABLE FROM CONDUIT
15.	1	EACH REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
16.	51.40	SQ FT TEMPORARY INFORMATION SIGNING
17.	1	EACH UNINTERRUPTIBLE POWER SUPPLY
18.	18	FOOT ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C



CABLE PLAN



PROPOSED PHASE DESIGNATION DIAGRAM

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "NTCIP" COMPLIANT.

Restoration of Work Area. Restoration of the traffic signal work area shall be incidental to the related pay items 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.

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO LAMPS	INCAND.	L.E.D.	% OPERATION	
SIGNAL (RED)	10	135	17	0.50	85.0
SIGNAL (YELLOW)	10	135	25	0.25	62.5
SIGNAL (GREEN)	10	135	15	0.25	37.5
ARROW	4	135	12	0.10	4.8
PED. SIGNAL	-	90	25	1.00	-
CONTROLLER	1	-	100	1.00	100.0
LUMINAIRE	-	-	250	0.50	-
L.E.D. ST. NAME SIGN	-	-	64	0.50	-
VIDEO SYSTEM	-	-	150	1.00	-
BATTERY BACKUP	1	-	25	1.00	25.0
ILLUMINATED SIGN	-	-	25	0.05	-
TOTAL =					314.8

ENERGY COSTS - BILLED TO: IDOT - DISTRICT 1
(ADDRESS) 201 W. CENTER COURT
(ADDRESS) SCHAMBURG, IL 60196-1096
ENERGY SUPPLY - CONTACT: KIMBERLY KANGAS
PHONE: (847) 816-5497
COMPANY: COM ED - LIBERTYVILLE