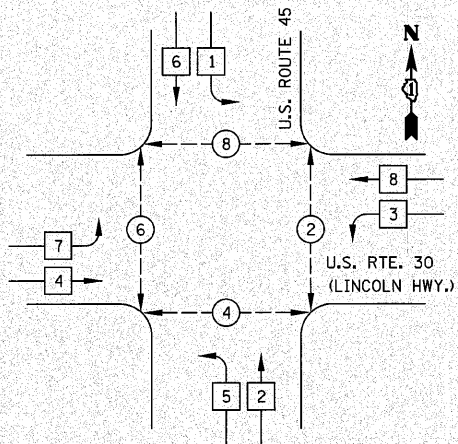
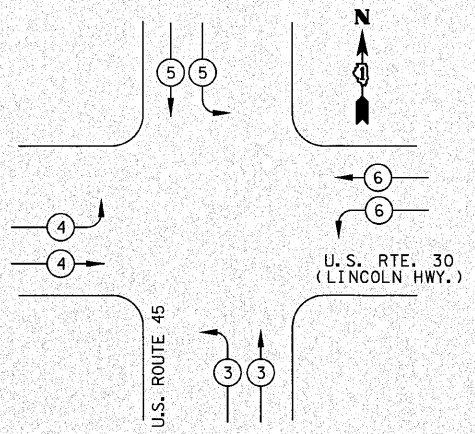


EXISTING AND PROPOSED CONTROLLER SEQUENCE



EXISTING AND PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE

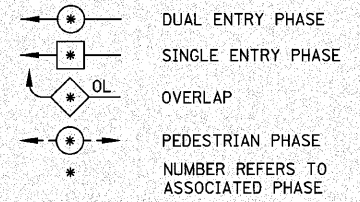


PROPOSED EMERGENCY VEHICLE PREEMPTORS				
EMERGENCY VEHICLE PREEMPTOR	3	4	5	6
MOVEMENT				

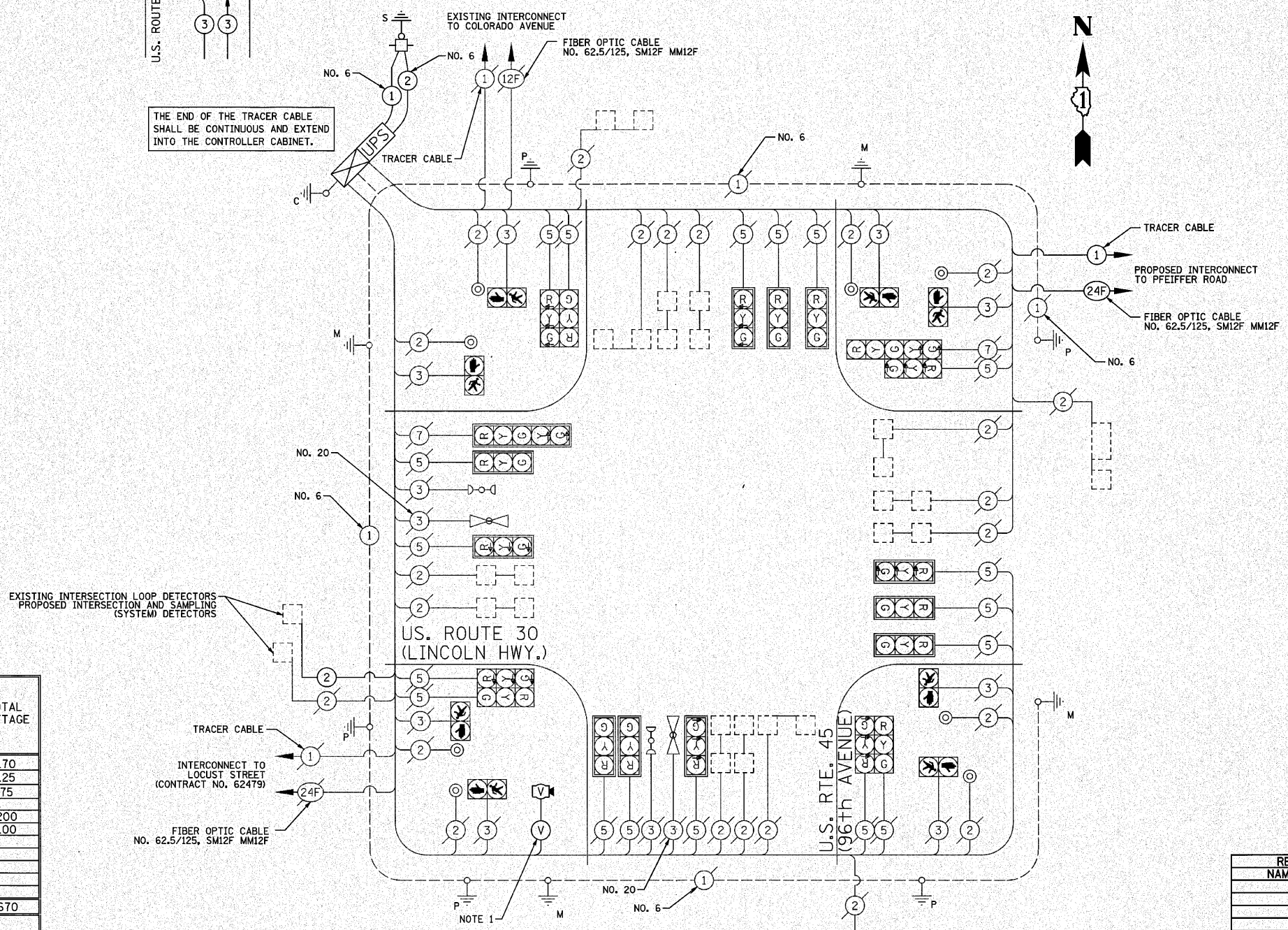
SCHEDULE OF QUANTITIES

PAY ITEM	UNIT	QUANTITY
CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	10
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	10
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	394
DRILL EXISTING HANDHOLE	EACH	1
MODIFY EXISTING CONTROLLER (SPECIAL)	EACH	1
TEMPORARY VIDEO DETECTION	EACH	1

LEGEND



TEMPORARY PHASE DESIGNATION DIAGRAM



EXISTING INTERSECTION LOOP DETECTORS
PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTORS

TRACER CABLE
INTERCONNECT TO LOCUST STREET (CONTRACT NO. 62479)
FIBER OPTIC CABLE NO. 62.5/125, SM12F MM12F

CABLE PLAN
NOT TO SCALE

- NOTE:
- TEMPORARY VIDEO DETECTION SHALL BE USED FOR DETECTION OF WESTBOUND TRAFFIC THROUGHOUT THE DURATION OF THE MAINTENANCE OF TRAFFIC (MOT) STAGING.
 - THE WESTBOUND LOOP DETECTORS SHALL BE DISCONNECTED FROM THE CONTROLLER WHILE THE TEMPORARY VIDEO DETECTION IS IN OPERATION.

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS				TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND. LED	% OPERATION	
SIGNAL (RED)	20	17	0.50	170
SIGNAL (YELLOW)	20	25	0.25	125
SIGNAL (GREEN)	20	15	0.25	75
ARROW		12	0.10	
PED SIGNAL	8	25	1.00	200
CONTROLLER	1	100	1.00	100
ILLUM. SIGN			0.05	
TOTAL =				670

ENERGY COSTS TO: ILLINOIS DEPARTMENT OF TRANSPORTATION
201 W. CENTER CT.
SCHAUMBURG, IL 60196
ENERGY SUPPLY: CONTACT: MARK ANDERSON
PHONE: 815-724-5388
COMPANY: COM.ED.

NOTE:
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
CABLE PLAN, PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE PREEMPTION SEQUENCE, AND SCHEDULE OF QUANTITIES
U.S. RTE. 30 (LINCOLN HWY.) & U.S. RTE. 45 (96th AVENUE)

NOT TO SCALE
DATE 6/11/2010
DRAWN BY OJT
DESIGNED BY BRD
CHECKED BY JJE