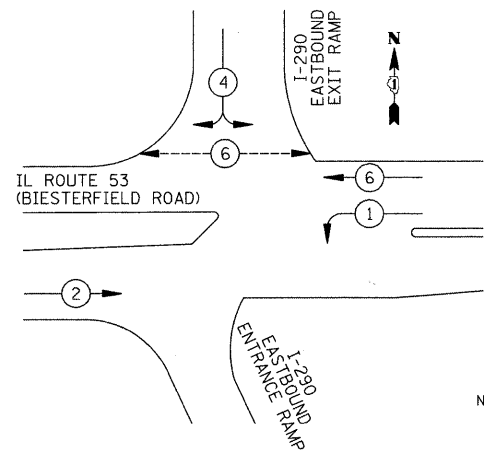


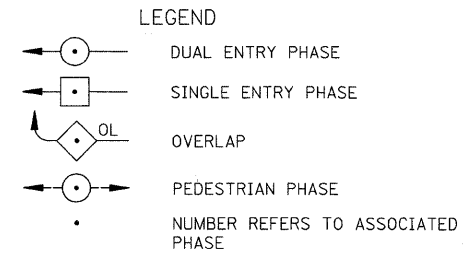
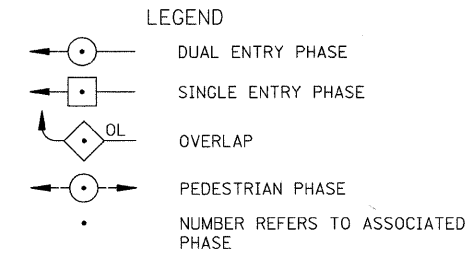
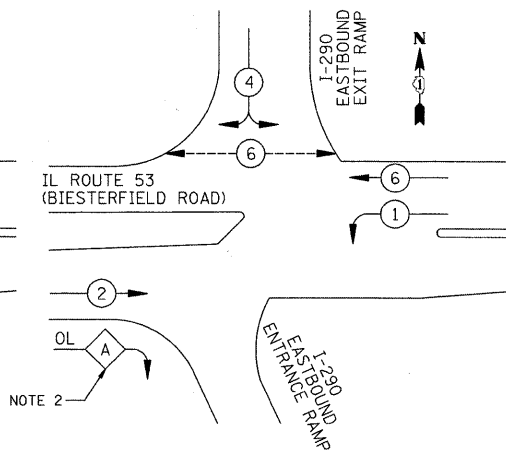
DATE: _____
 BY: _____
 REVISIONS:
 ALIGNED CHECKED _____
 PLOTTED CHECKED _____
 NOTE BOOK NO. _____
 CAD FILE NAME: _____

DATE: _____
 BY: _____
 REVISIONS:
 CHANGES CHECKED _____
 PLOTTED CHECKED _____
 NOTE BOOK NO. _____
 CAD FILE NAME: _____

EXISTING CONTROLLER SEQUENCE

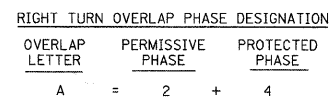


PROPOSED CONTROLLER SEQUENCE



EXISTING PHASE DESIGNATION DIAGRAM

PROPOSED PHASE DESIGNATION DIAGRAM



SCHEDULE OF QUANTITIES

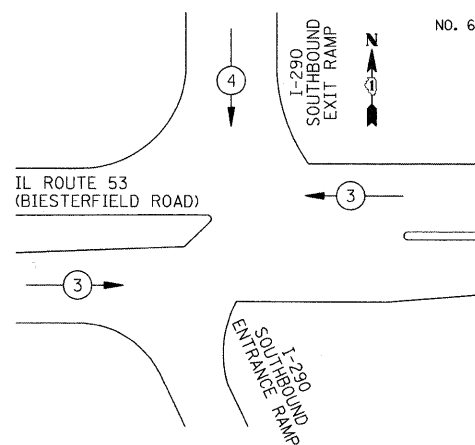
PAY ITEM	UNIT	QUANTITY
CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	222
CONDUIT SPLICE	EACH	1
HANDHOLE	EACH	1
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	222
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
TRANSCEIVER - FIBER OPTIC	EACH	1
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	783
INDUCTIVE LOOP DETECTOR	EACH	3
DETECTOR LOOP, TYPE 1	FOOT	117
MODIFY EXISTING CONTROLLER (SPECIAL)	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	73
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	1

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. LAMPS	WATTAGE		% OPERATION	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	14		17	0.50	119
(YELLOW)	14		25	0.25	88
(GREEN)	14		15	0.25	53
ARROW	8		12	0.10	10
PED. SIGNAL	2		25	1.00	50
CONTROLLER	1		100	1.00	100
FLASHER				0.50	
TOTAL =					420

ENERGY COSTS TO: ILLINOIS DEPARTMENT OF TRANSPORTATION
 201 WEST CENTER COURT
 SCHAUMBURG, IL 60196-1096
 CONTACT: ELLIE SARALLO
 PHONE: (630) 424-5124
 COMPANY: COM ED

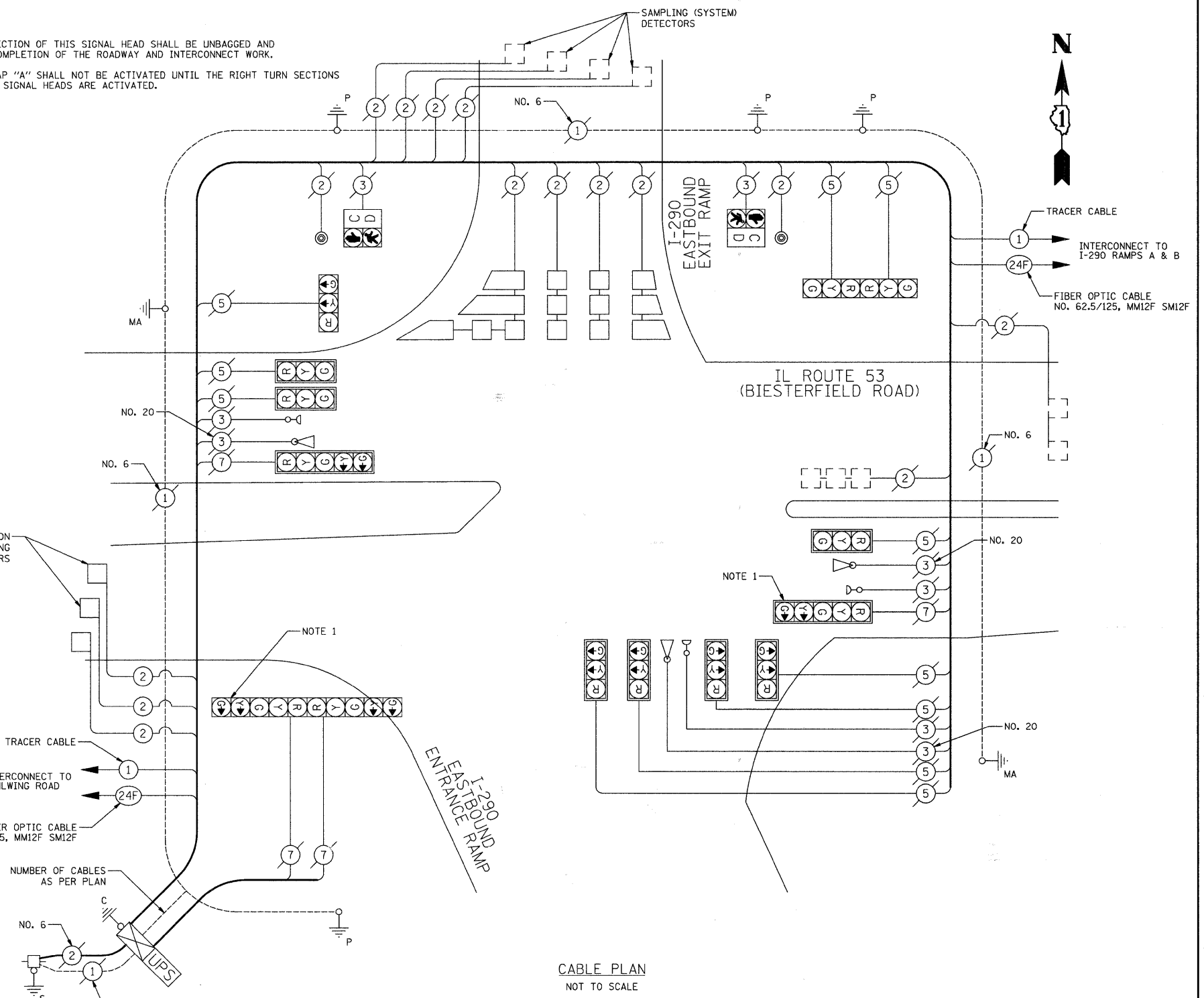
EXISTING AND PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



EXISTING AND PROPOSED EMERGENCY VEHICLE PREEMPTORS

EMERGENCY VEHICLE PREEMPTOR	EXISTING	PROPOSED
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	←	↓

- NOTES:**
- THE RIGHT TURN SECTION OF THIS SIGNAL HEAD SHALL BE UNBAGGED AND ACTIVATED UPON COMPLETION OF THE ROADWAY AND INTERCONNECT WORK.
 - RIGHT TURN OVERLAP "A" SHALL NOT BE ACTIVATED UNTIL THE RIGHT TURN SECTIONS OF THE EASTBOUND SIGNAL HEADS ARE ACTIVATED.



THE END OF THE TRACER CABLE SHALL BE CONTINUOUS AND EXTEND INTO THE CONTROLLER CABINET.

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

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE PREEMPTION SEQUENCE & SCHEDULE OF QUANTITIES IL ROUTE 53 (BIESTERFIELD ROAD) AT I-290 EASTBOUND RAMPS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1339	09-00054-00-CH	COOK	88	28

CONTRACT NO. 63505
 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-9003(569)

FILE NAME	USER NAME	DESIGNED	REVISIONS
...sheet\SIGNALS\Cable Plan.dgn	djk	BRD	-
		OJT	-
		JJE	-
			-

PLOT SCALE = 20.0000' / IN.
 PLOT DATE = 7/7/2010
 DATE = 07-07-10