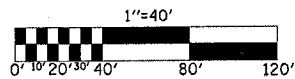


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
800	28X-N	CHAMPAIGN	12	12

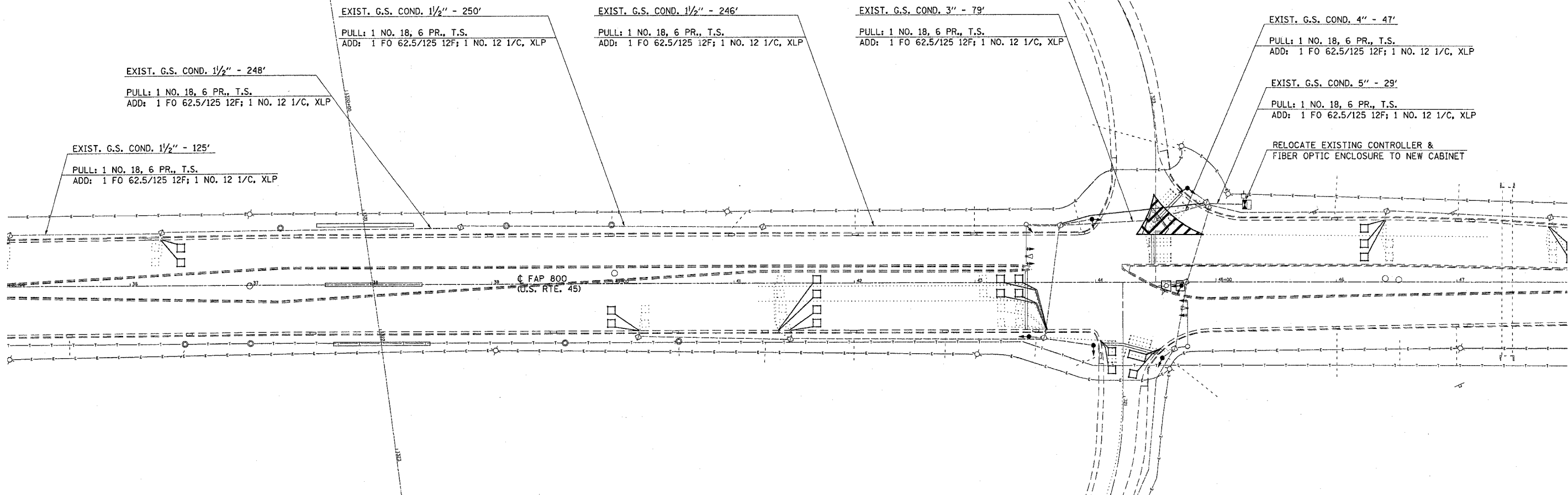
CONTRACT NO. 70438

TRAFFIC SIGNAL MODERNIZATION

FAP 800 (U.S. 45)
I-74 EASTBOUND RAMP
TO
I-74 WESTBOUND RAMP



INTERCONNECT LAYOUT



BILL OF MATERIALS I-74 EASTBOUND RAMP TO I-74 WESTBOUND RAMP

ITEM	UNIT	QUANTITY*
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 12	FOOT	1266
TRANSCEIVER	EACH	1
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, 12F	FOOT	1343
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	1343

* QUANTITIES ARE CALCULATED FROM CONTROLLER CABINET TO CONTROLLER CABINET.

SUGGESTED TIMINGS - WB RAMP

PHASE	1	2	3	4	5	6	7	8
Split	-	60	-	-	22	38	-	15
Min. Grn.	-	14	-	-	10	14	-	10
add sec./act.	-	1.3	-	-	-	2.5	-	1.3
Max Init Grn	-	20	-	-	-	20	-	-
Max Green	-	35	-	-	35	40	-	25
Passage	-	3.0	-	-	-	3.0	-	1.5
T. B. R.	-	10	-	-	-	10	-	-
T. T. R.	-	5	-	-	-	5	-	-
Min. Gap	-	2.6	-	-	-	2.6	-	-
Amber Clear	-	4.0	-	-	3.5	3.5	-	4.0
Red Clear	-	1.0	-	-	1.0	1.5	-	1.0

OFFSETS

1/1/1	66
1/1/2	68
1/1/3	58