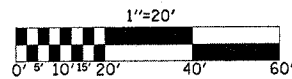
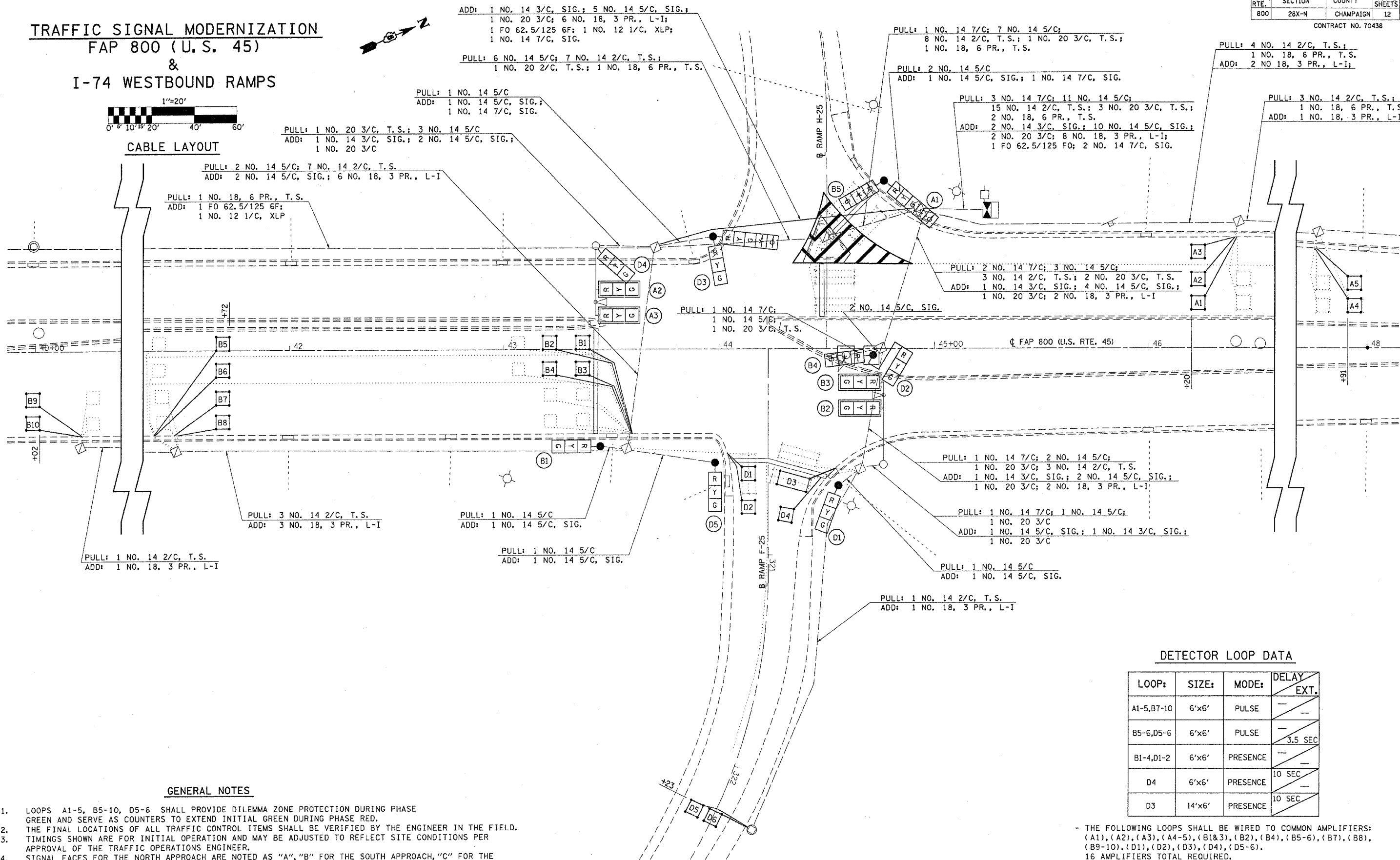


TRAFFIC SIGNAL MODERNIZATION FAP 800 (U.S. 45) & I-74 WESTBOUND RAMPS



CABLE LAYOUT



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
800	28X-N	CHAMPAIGN	12	8

CONTRACT NO. 70438

GENERAL NOTES

1. LOOPS A1-5, B5-10, D5-6 SHALL PROVIDE DILEMMA ZONE PROTECTION DURING PHASE GREEN AND SERVE AS COUNTERS TO EXTEND INITIAL GREEN DURING PHASE RED.
2. THE FINAL LOCATIONS OF ALL TRAFFIC CONTROL ITEMS SHALL BE VERIFIED BY THE ENGINEER IN THE FIELD.
3. TIMINGS SHOWN ARE FOR INITIAL OPERATION AND MAY BE ADJUSTED TO REFLECT SITE CONDITIONS PER APPROVAL OF THE TRAFFIC OPERATIONS ENGINEER.
4. SIGNAL FACES FOR THE NORTH APPROACH ARE NOTED AS "A", "B" FOR THE SOUTH APPROACH, "C" FOR THE WEST APPROACH, AND "D" FOR THE EAST APPROACH.
5. ITEMS REMOVED WILL BECOME THE PROPERTY OF THE CITY OF URBANA.
6. ALL TRAFFIC SIGNAL MAST ARM ASSEMBLIES MUST BE DESIGNED FOR THE LOADINGS SHOWN ON THE HIGHWAY STANDARDS OR THESE SIGNAL PLANS, WHICHEVER IS GREATER.

DETECTOR LOOP DATA

LOOP:	SIZE:	MODE:	DELAY EXT.
A1-5, B7-10	6'x6'	PULSE	—
B5-6, D5-6	6'x6'	PULSE	3.5 SEC
B1-4, D1-2	6'x6'	PRESENCE	10 SEC
D4	6'x6'	PRESENCE	10 SEC
D3	14'x6'	PRESENCE	10 SEC

- THE FOLLOWING LOOPS SHALL BE WIRED TO COMMON AMPLIFIERS: (A1), (A2), (A3), (A4-5), (B1&3), (B2), (B4), (B5-6), (B7), (B8), (B9-10), (D1), (D2), (D3), (D4), (D5-6). 16 AMPLIFIERS TOTAL REQUIRED.
- THE CONTROLLER SHALL BE SET TO MINIMUM RECALL U.S. 45.
- DETECTION EXTENSION SHALL BE SET ON THE DETECTOR AMPLIFIER.