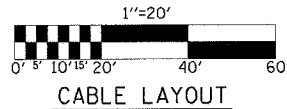


**TRAFFIC SIGNAL MODERNIZATION
FAP 804 (U.S. ROUTE 45/NEIL ST.)**

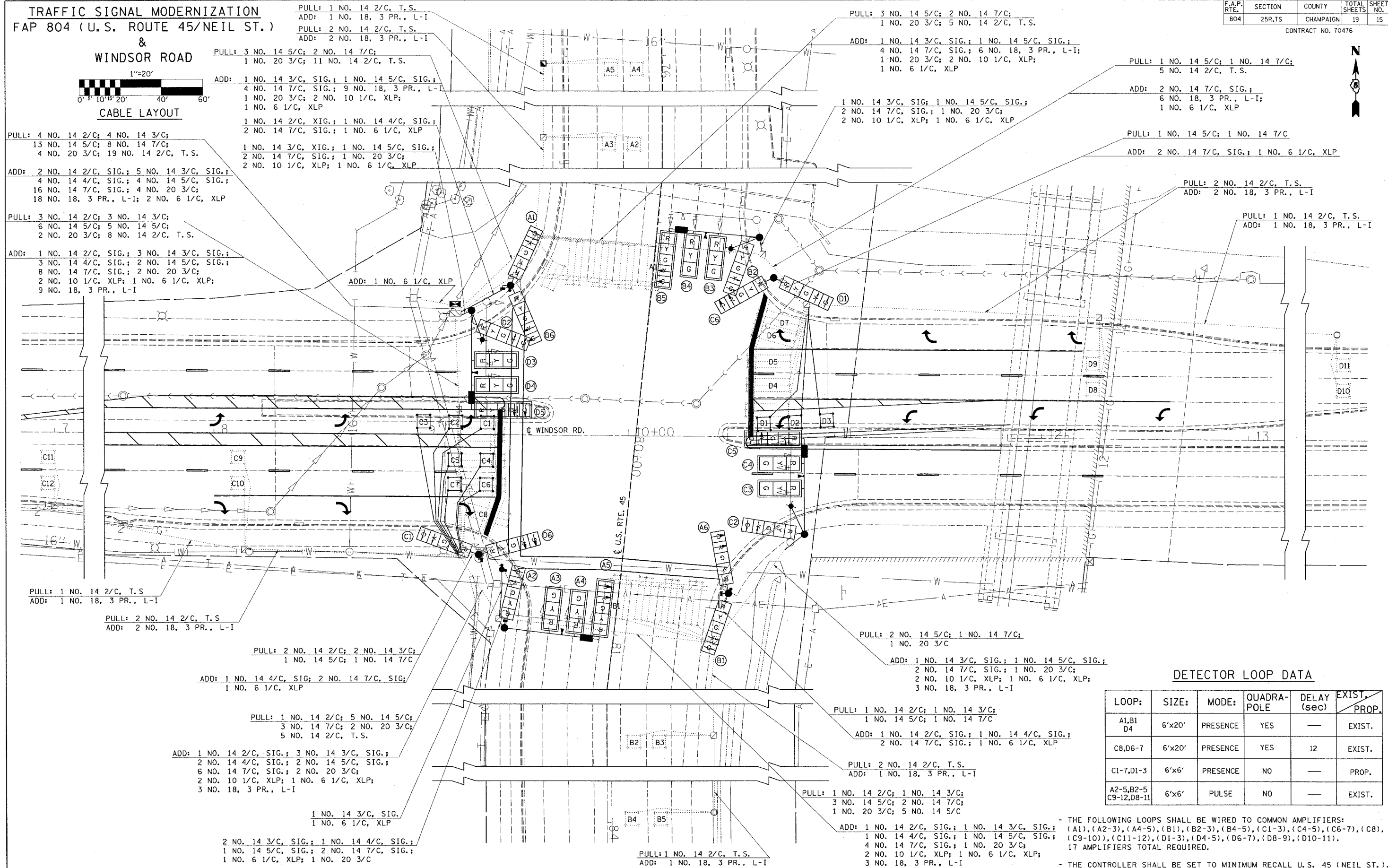
**&
WINDSOR ROAD**



CABLE LAYOUT

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
804	25R,TS	CHAMPAIGN	19	15

CONTRACT NO. T0476



PULL: 4 NO. 14 2/C; 4 NO. 14 3/C;
13 NO. 14 5/C; 8 NO. 14 7/C;
4 NO. 20 3/C; 19 NO. 14 2/C, T.S.

ADD: 2 NO. 14 2/C, SIG.; 5 NO. 14 3/C, SIG.;
4 NO. 14 4/C, SIG.; 4 NO. 14 5/C, SIG.;
16 NO. 14 7/C, SIG.; 4 NO. 20 3/C;
18 NO. 18, 3 PR., L-I; 2 NO. 6 1/C, XLP

PULL: 3 NO. 14 2/C; 3 NO. 14 3/C;
6 NO. 14 5/C; 5 NO. 14 5/C;
2 NO. 20 3/C; 8 NO. 14 2/C, T.S.

ADD: 1 NO. 14 2/C, SIG.; 3 NO. 14 3/C, SIG.;
3 NO. 14 4/C, SIG.; 2 NO. 14 5/C, SIG.;
8 NO. 14 7/C, SIG.; 2 NO. 20 3/C;
2 NO. 10 1/C, XLP; 1 NO. 6 1/C, XLP;
9 NO. 18, 3 PR., L-I

PULL: 1 NO. 14 2/C, T.S.
ADD: 1 NO. 18, 3 PR., L-I

PULL: 2 NO. 14 2/C, T.S.
ADD: 2 NO. 18, 3 PR., L-I

PULL: 3 NO. 14 5/C; 2 NO. 14 7/C;
1 NO. 20 3/C; 11 NO. 14 2/C, T.S.

ADD: 1 NO. 14 3/C, SIG.; 1 NO. 14 5/C, SIG.;
4 NO. 14 7/C, SIG.; 9 NO. 18, 3 PR., L-I;
1 NO. 20 3/C; 2 NO. 10 1/C, XLP;
1 NO. 6 1/C, XLP

1 NO. 14 2/C, XIG.; 1 NO. 14 4/C, SIG.;
2 NO. 14 7/C, SIG.; 1 NO. 6 1/C, XLP

1 NO. 14 3/C, XIG.; 1 NO. 14 5/C, SIG.;
2 NO. 14 7/C, SIG.; 1 NO. 20 3/C;
2 NO. 10 1/C, XLP; 1 NO. 6 1/C, XLP

PULL: 3 NO. 14 5/C; 2 NO. 14 7/C;
1 NO. 20 3/C; 5 NO. 14 2/C, T.S.

ADD: 1 NO. 14 3/C, SIG.; 1 NO. 14 5/C, SIG.;
4 NO. 14 7/C, SIG.; 6 NO. 18, 3 PR., L-I;
1 NO. 20 3/C; 2 NO. 10 1/C, XLP;
1 NO. 6 1/C, XLP

1 NO. 14 3/C, SIG.; 1 NO. 14 5/C, SIG.;
2 NO. 14 7/C, SIG.; 1 NO. 20 3/C;
2 NO. 10 1/C, XLP; 1 NO. 6 1/C, XLP

PULL: 1 NO. 14 5/C; 1 NO. 14 7/C;
5 NO. 14 2/C, T.S.

ADD: 2 NO. 14 7/C, SIG.;
6 NO. 18, 3 PR., L-I;
1 NO. 6 1/C, XLP

PULL: 1 NO. 14 5/C; 1 NO. 14 7/C

ADD: 2 NO. 14 7/C, SIG.; 1 NO. 6 1/C, XLP

PULL: 2 NO. 14 2/C, T.S.
ADD: 2 NO. 18, 3 PR., L-I

PULL: 1 NO. 14 2/C, T.S.
ADD: 1 NO. 18, 3 PR., L-I

ADD: 1 NO. 6 1/C, XLP

PULL: 2 NO. 14 5/C; 1 NO. 14 7/C;
1 NO. 20 3/C

ADD: 1 NO. 14 3/C, SIG.; 1 NO. 14 5/C, SIG.;
2 NO. 14 7/C, SIG.; 1 NO. 20 3/C;
2 NO. 10 1/C, XLP; 1 NO. 6 1/C, XLP;
3 NO. 18, 3 PR., L-I

PULL: 1 NO. 14 2/C; 1 NO. 14 3/C;
1 NO. 14 5/C; 1 NO. 14 7/C

ADD: 1 NO. 14 2/C, SIG.; 1 NO. 14 4/C, SIG.;
2 NO. 14 7/C, SIG.; 1 NO. 6 1/C, XLP

PULL: 2 NO. 14 2/C, T.S.
ADD: 1 NO. 18, 3 PR., L-I

PULL: 1 NO. 14 2/C; 1 NO. 14 3/C;
3 NO. 14 5/C; 2 NO. 14 7/C;
1 NO. 20 3/C; 5 NO. 14 5/C

ADD: 1 NO. 14 2/C, SIG.; 1 NO. 14 3/C, SIG.;
1 NO. 14 4/C, SIG.; 1 NO. 14 5/C, SIG.;
4 NO. 14 7/C, SIG.; 1 NO. 20 3/C;
2 NO. 10 1/C, XLP; 1 NO. 6 1/C, XLP;
3 NO. 18, 3 PR., L-I

PULL: 1 NO. 14 2/C, T.S.
ADD: 1 NO. 18, 3 PR., L-I

ADD: 1 NO. 14 2/C, SIG.; 3 NO. 14 3/C, SIG.;
2 NO. 14 4/C, SIG.; 2 NO. 14 5/C, SIG.;
6 NO. 14 7/C, SIG.; 2 NO. 20 3/C;
2 NO. 10 1/C, XLP; 1 NO. 6 1/C, XLP;
3 NO. 18, 3 PR., L-I

1 NO. 14 3/C, SIG.
1 NO. 6 1/C, XLP

2 NO. 14 3/C, SIG.; 1 NO. 14 4/C, SIG.;
1 NO. 14 5/C, SIG.; 2 NO. 14 7/C, SIG.;
1 NO. 6 1/C, XLP; 1 NO. 20 3/C

DETECTOR LOOP DATA

LOOP:	SIZE:	MODE:	QUADRA-POLE	DELAY (sec)	EXIST./PROP.
A1,B1 D4	6'x20'	PRESENCE	YES	—	EXIST.
C8,D6-7	6'x20'	PRESENCE	YES	12	EXIST.
C1-7,D1-3	6'x6'	PRESENCE	NO	—	PROP.
A2-5,B2-5 C9-12,D8-11	6'x6'	PULSE	NO	—	EXIST.

- THE FOLLOWING LOOPS SHALL BE WIRED TO COMMON AMPLIFIERS:
(A1), (A2-3), (A4-5), (B1), (B2-3), (B4-5), (C1-3), (C4-5), (C6-7), (C8),
(C9-10), (C11-12), (D1-3), (D4-5), (D6-7), (D8-9), (D10-11).
17 AMPLIFIERS TOTAL REQUIRED.

- THE CONTROLLER SHALL BE SET TO MINIMUM RECALL U.S. 45 (NEIL ST.).