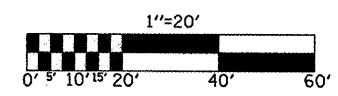
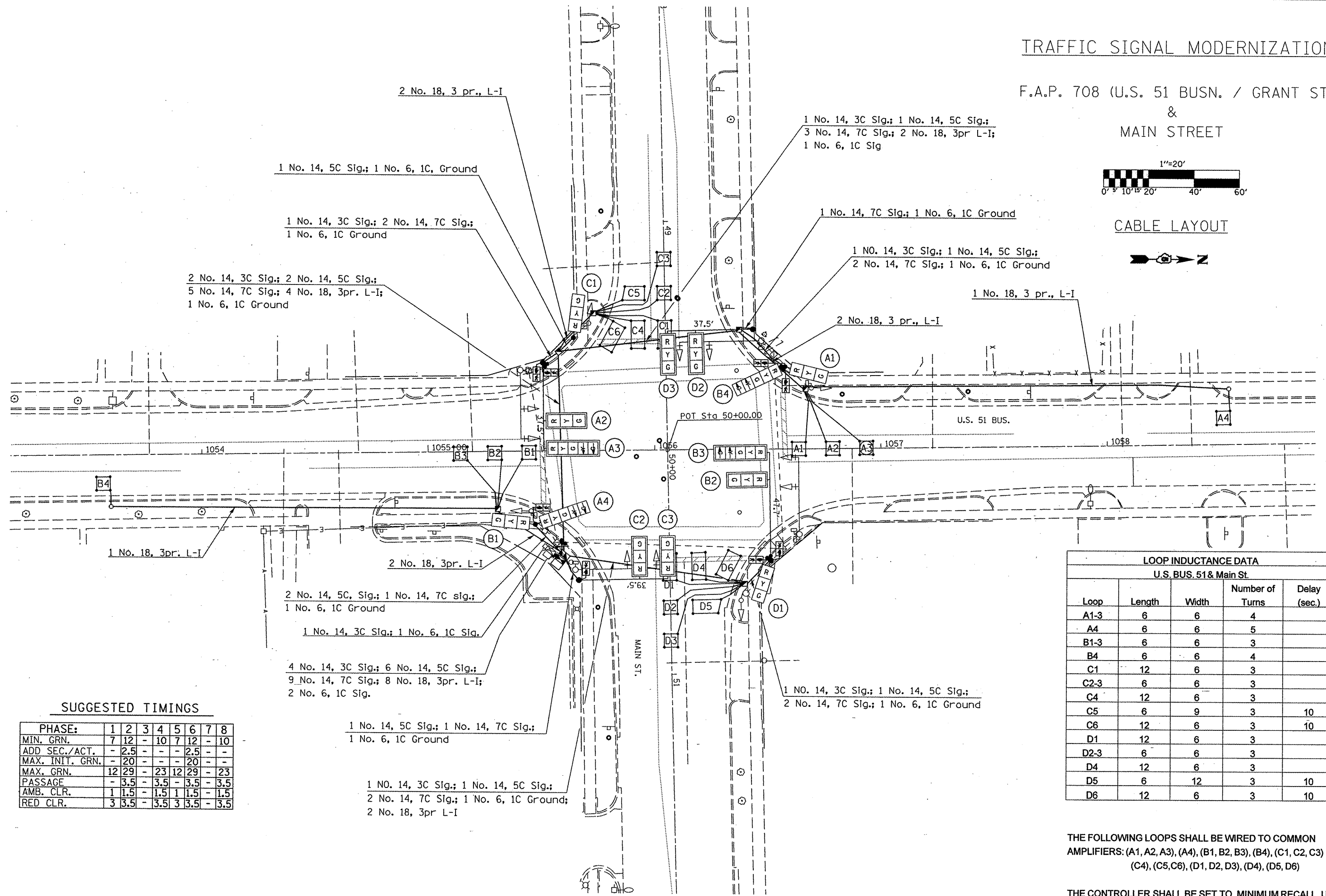
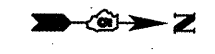


TRAFFIC SIGNAL MODERNIZATION

F.A.P. 708 (U.S. 51 BUSN. / GRANT ST.)
&
MAIN STREET



CABLE LAYOUT



2 No. 14, 3C Sig.; 2 No. 14, 5C Sig.;
5 No. 14, 7C Sig.; 4 No. 18, 3pr. L-I;
1 No. 6, 1C Ground

1 No. 14, 5C Sig.; 1 No. 6, 1C, Ground

1 No. 14, 3C Sig.; 2 No. 14, 7C Sig.;
1 No. 6, 1C Ground

1 No. 14, 3C Sig.; 1 No. 14, 5C Sig.;
3 No. 14, 7C Sig.; 2 No. 18, 3pr L-I;
1 No. 6, 1C Sig

1 No. 14, 7C Sig.; 1 No. 6, 1C Ground

1 No. 14, 3C Sig.; 1 No. 14, 5C Sig.;
2 No. 14, 7C Sig.; 1 No. 6, 1C Ground

1 No. 18, 3 pr., L-I

2 No. 18, 3 pr., L-I

1 No. 18, 3pr. L-I

2 No. 18, 3pr. L-I

2 No. 14, 5C, Sig.; 1 No. 14, 7C sig.;
1 No. 6, 1C Ground

1 No. 14, 3C Sig.; 1 No. 6, 1C Sig.

4 No. 14, 3C Sig.; 6 No. 14, 5C Sig.;
9 No. 14, 7C Sig.; 8 No. 18, 3pr. L-I;
2 No. 6, 1C Sig.

1 No. 14, 5C Sig.; 1 No. 14, 7C Sig.;
1 No. 6, 1C Ground

1 No. 14, 3C Sig.; 1 No. 14, 5C Sig.;
2 No. 14, 7C Sig.; 1 No. 6, 1C Ground;
2 No. 18, 3pr L-I

1 No. 14, 3C Sig.; 1 No. 14, 5C Sig.;
2 No. 14, 7C Sig.; 1 No. 6, 1C Ground

SUGGESTED TIMINGS

PHASE:	1	2	3	4	5	6	7	8
MIN. GRN.	7	12	-	10	7	12	-	10
ADD SEC./ACT.	-	2.5	-	-	-	2.5	-	-
MAX. INIT. GRN.	-	20	-	-	20	-	-	-
MAX. GRN.	12	29	-	23	12	29	-	23
PASSAGE	-	3.5	-	3.5	-	3.5	-	3.5
AMB. CLR.	1	1.5	-	1.5	1	1.5	-	1.5
RED CLR.	3	3.5	-	3.5	3	3.5	-	3.5

LOOP INDUCTANCE DATA

U.S. BUS. 51 & Main St.				
Loop	Length	Width	Number of Turns	Delay (sec.)
A1-3	6	6	4	
A4	6	6	5	
B1-3	6	6	3	
B4	6	6	4	
C1	12	6	3	
C2-3	6	6	3	
C4	12	6	3	
C5	6	9	3	10
C6	12	6	3	10
D1	12	6	3	
D2-3	6	6	3	
D4	12	6	3	
D5	6	12	3	10
D6	12	6	3	10

THE FOLLOWING LOOPS SHALL BE WIRED TO COMMON AMPLIFIERS: (A1, A2, A3), (A4), (B1, B2, B3), (B4), (C1, C2, C3) (C4), (C5, C6), (D1, D2, D3), (D4), (D5, D6)

THE CONTROLLER SHALL BE SET TO MINIMUM RECALL U.S. BUS. 51