

7024

Fed. Project No.

7024

NOTES:

- 1) LOCATION OF CONTROLLER CABINET, SERVICE CABINET, LOOP DETECTORS AND HANDHOLES SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- 2) EACH SIGNAL FACE SHALL HAVE BACKGROUND SHIELD, EXCEPT FOR SIGNAL FACE (B-2).
- 3) EACH PEDESTRIAN INDICATION SHALL BE 12"x12".
- 4) EACH SIGNAL FACE SHALL BE 12"-3 SECTION R-Y-G.
- 5) SIGNAL SYSTEM FLASH MODE SHALL BE ALL RED.
- 6) SEE SPECIAL PROVISIONS AND DETAILS FOR ANOKA COUNTY SERVICE CABINET INFORMATION.
- 7) SEE SPECIAL PROVISIONS FOR COUNTY FURNISHED MATERIALS.
- 8) LOOP DETECTOR WIRES SHALL BE CROSS-LINKED POLYETHYLENE (XLP) IN 1"N.M.C. SEE SPECIAL PROVISIONS AND DETAILS.
- 9) EACH HANDHOLE SHALL BE CONCRETE HANDHOLE WITH A TYPE "LD" COVER, EXCEPT THAT HANDHOLES 7,8 AND 11 SHALL HAVE TYPE "C" COVER, PER Mn/DOT STANDARD PLATE NO.8117F.

- 10) SEE SPECIAL PROVISIONS AND DETAILS REGARDING TYPE "D" SIGN PANELS TO BE FURNISHED AND INSTALLED BY CONTRACTOR (INCIDENTAL TO ITEM NO.2565.511)

- 11) SEE SPECIAL PROVISIONS REGARDING ITEMS OF INPLACE PEDESTRIAN FLASHER SYSTEM TO BE REMOVED AND SALVAGED BY CONTRACTOR (INCIDENTAL TO ITEM NO.2565.511).

- (B) SERVICE CABINET
CABINET FOUNDATION
EXTEND INTO H.H.12:
2"R.S.C.
3-1/c#6 SOLID COPPER CABLE
EXTEND INTO H.H.11:
METERED SIGNAL SERVICE
1 1/4"R.S.C.
3-1/c#6
EXTEND INTO H.H.1:
UNMETERED STREET LIGHT SERVICE
1 1/4"R.S.C.
2-1/c#10
BETWEEN H.H.12 AND INPLACE WOOD POLE:
2"R.S.C. RISER AND WEATHERHEAD
3-1/c#6 SOLID COPPER CABLE

- (A) INSTALL CONTROLLER AND CABINET (FURNISHED BY COUNTY)
CABINET FOUNDATION
EXTEND INTO H.H.11:
METERED SIGNAL SERVICE
1 1/4"R.S.C.
3-1/c#6
EXTEND INTO H.H.1:
4"R.S.C.
3-12/c#12
3-3/c#12
2-2/c#14
EXTEND INTO H.H.1:
4"R.S.C.
3-12/c#12
2-3/c#12
1-2/c#14
STUB OUT 3"R.S.C. AND CAP (FOR FUTURE USE)

FUNCTIONS:

- 1) CALL AND EXTEND
- 2) CALL ONLY
- 3) EXTEND ONLY
- 4) CALL ONLY DENSITY
- 5) DELAYED CALL ONLY
- 6) DELAYED CALL ONLY DENSITY
- 7) DELAYED CALL-IMMEDIATE EXTEND
- 8) CARRY OVER (STRETCH)
- 9) ADVISORY DETECTOR
- 10) SAMPLING DETECTOR
- 11) SPECIAL DETECTOR

LOOP DETECTORS

NUMBER	SIZE(FT.)	LOCATION	FUNCTION
D2-1	2-6x6	280'	1
D6-1	2-6x6	280'	1
D8-1	2-6x6	5'	7

NOTE: LOCATION = DISTANCE FROM STOP BAR TO LOOP DETECTOR.

- (4) TYPE PB0-A-20
PB0 POLE FOUNDATION
ONE WAY SIGNAL-OVERHEAD
TYPE 208-POLE MOUNTED 270"
1-PEDESTRIAN PUSH BUTTON
TYPE "D" SIGN PANEL (78"x18")-OVERHEAD
EXTEND INTO H.H.2:
3"R.S.C.
2-12/c#12
1-3/c#12

- (1) TYPE 1C
10' PEDESTAL POLE AND BASE
PEDESTAL FOUNDATION
1-PEDESTRIAN PUSH BUTTON
EXTEND INTO H.H.1:
2"R.S.C.
1-12/c#12
1-3/c#12

- (2) TYPE PB0-A-25-D40-9 (DAVIT AT 350')
PB0 POLE FOUNDATION
ONE WAY SIGNAL-OVERHEAD
TYPE 10C-POLE MOUNTED 270"
2-PEDESTRIAN PUSH BUTTONS
LUMINAIRE-200 WATT H.P.S. WITH PEC AND CHECK SWITCH
TYPE "D" SIGN PANEL (78"x18")-OVERHEAD
EXTEND INTO H.H.6:
3"R.S.C.
2-12/c#12
1-3/c#12
2-1/c#10

- (3) TYPE 1D
10' PEDESTAL POLE AND BASE
PEDESTAL FOUNDATION
2-PEDESTRIAN PUSH BUTTONS
EXTEND INTO H.H.8:
2"R.S.C.
1-12/c#12
2-3/c#12

INPLACE WOOD POLE
(LUMINAIRE RELOCATED
ONTO POLE BY OTHERS)CONSTRUCT PEDESTRIAN
CURB RAMP, REMOVE
CONCRETE CURB & GUTTERCONTROLLER AND CABINET
SEE (A)

H.H.11

SERVICE CABINET
SEE (B)

H.H.12

1 1/4"R.S.C.
1-2/c#14

H.H.3

3"R.S.C.
1-2/c#14

H.H.4

1 1/4"R.S.C.
1-2/c#14

D6-

INPLACE LUMINAIRE AND WOOD
POLE (S.O.P.)
(LUMINAIRE TO
BE RELOCATED
BY OTHERS)

C.S.A.H.1 (5th AVENUE) (35 MPH)

1 1/4"R.S.C.
1-2/c#14

H.H.9

3"R.S.C.
1-12/c#12
2-3/c#12
1-2/c#14

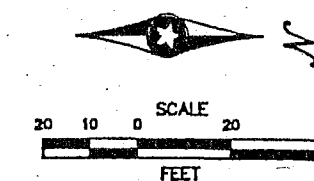
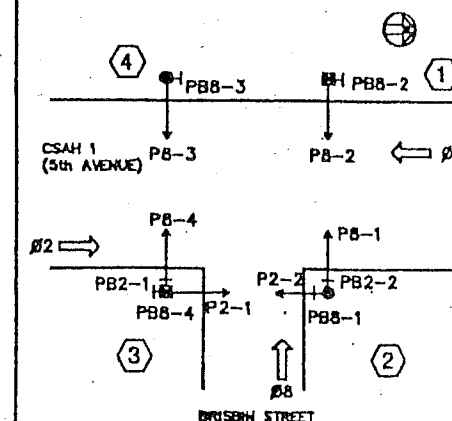
H.H.8

BRISBIN STREET (30 MPH)

3"R.S.C.
1-12/c#12
2-3/c#12
2-2/c#14

H.H.7

D8-1

CONTROLLER PHASING, PEDESTRIAN
INDICATIONS AND PUSH BUTTONS

NO.	BY	DATE	REVISIONS
1	JAG	11/92	REVISED CONTROLLER/SERVICE CABINET LOCATION

"ELECTRICAL ENGINEER CERTIFICATION"

I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the state of Minnesota.

Robert A. Ellen
Date: 9/18/92 Reg. No. 5859

I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the state of Minnesota.

Thomas A. Schweitzer
Date: 9/18/92 Reg. No. 20943



ANOKA COUNTY, MINNESOTA
CITY OF ANOKA

TRAFFIC SIGNAL SYSTEM
INTERSECTION LAYOUT
C.S.A.H.1 (5th AVENUE) AT BRISBIN STREET

FILE NO.
92219
DATE
9/18/92

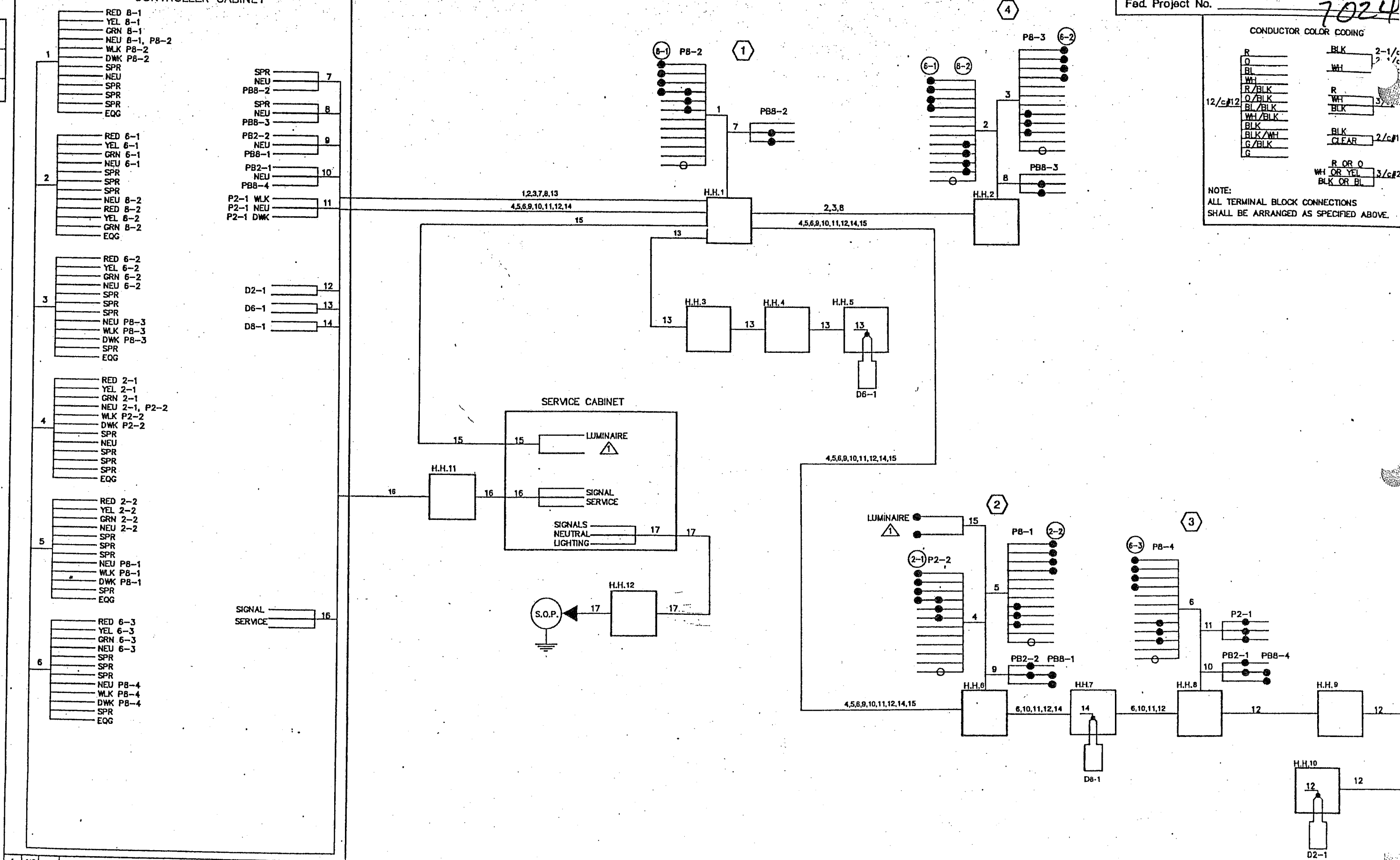
S.A.P. 103-020-07

S.P.

C.P. 92-03-01

Sheet No. 2 of 6 Sheets

BASE OVERLAY DRG. NO.					



CONDUCTOR COLOR CODING

	R	BLK	2-1/c
	O	WH	2-1/c
	BL		
	WH	R	
12/c #12	R/BLK	WH	3/c
	O/BLK	BLK	3/c
	BL/BLK		
	WH/BLK	BLK	
	BLK	BLK	
	BLK/WH	BLK	
	G/BLK	CLEAR	2/c
	G		

R OR O

WH OR YEL 3/c

BLK OR BL

NOTE:

ALL TERMINAL BLOCK CONNECTIONS
SHALL BE ARRANGED AS SPECIFIED ABOVE.

1	JAG	11/82	REVISED CONTROLLER/SERVICE CABINET LOCATION
NO.	BY	DATE	REVISIONS

"ELECTRICAL ENGINEER CERTIFICATION"
I hereby certify that this plan was prepared by me or
under my direct supervision and that I am a duly
Registered Professional Engineer under the laws of the
state of Minnesota.
Robert A. Ellis
Date: 9/18/92 Reg. No. 5859

I hereby certify that this plan was prepared by me or
under my direct supervision and that I am a duly
Registered Professional Engineer under the laws of the
State of Minnesota.

Thomas A. Schweickert
Date: 9/18/92 Reg. No. 20943



ANOKA COUNTY, MINNESOTA
CITY OF ANOKA

TRAFFIC SIGNAL SYSTEM
FIELD WIRING DIAGRAM
C.S.A.H.1 (5th AVENUE) AT BRISBIN STREET