#### PLAN SYMBOLS

TECHN OF	NIDOLO
COUNTY LINE	
TOWNSHIP OR RANGE LINE	
SECTION LINE	
*****	
	. ————
SIXTEENTH LINE	·
RIGHT OF WAY LINE	
SLOPE EASEMENT	
PROPERTY LINE	
CORPORATE OR CITY LIMITS.	
RETAINING WALL	
	- <del>1</del>
RAILROAD RIGHT OF WAY	
RIVER OR CREEK	ilage
DRAINAGE DITCH	
	· · · · · · · · · · · · · · · · · · ·
DROP INLET	
GAURD RAIL	
BARBED WIRE FENCE	· —— x —— x ——
WOVEN WIRE FENCE	
CHAIN LINK FENCE	100 70
WOOD FENCE	
STONE WALL OR FENCE	dacamannanagamanaga
HEOGE	, SATURBER PROPERTY CONTRACTOR
LOWLAND	
TIMBER	
ORCHARD	}
BRUSH	· C TIMBER
NURSERY	<b>}</b>
HORSEN	· · · · · · · · · · · · · · · · · · ·
	vlelv
CATTLE GAURD	
	^  <u>%</u>  ^
OVERPASS (Highway Over)	· /
(mg/may brok)	7
	18-
UNDERPASS (Highway Under).	
	XC III
BRIDGE	
	77
BUILDING (One Story Frame)	1-S-
F-FRANE C-CONCRETE	
S-STONE T-TILE	
B-BRICK ST-STUCCO	
RAILROAD CROSSING BELL	
RAILROAD CROSSING GATE	
MANHOLE	
CATCH BASIN	
FIRE HYDRANT	
CAST IRON MONUMENT	

#### UTILITY SYMBOLS

S

₿

GRAVEL PIT

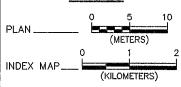
BORROW PIT.

ROCK OUARRY

SAND PIT.

POWER	POLE LIN	E.,. ,. ,		ó	- <del></del>
TELEPH	ONE OR T	ELEGRAPI	Н	*	т
POLE	UNE				-6
JOHNT 1	ELEPHONE	& POW	:R		
ON F	OWER PO	LES		Ò	<b>d</b> —
ÇN T	ELEPHONE	POLES .		T	·
ANCHOF	<b>.</b>				
STEEL '	TOWER			Δ	
	LIGHT				
	AL (Cable				
GAS MA	IN.,			G	-G
WATERN	IAIN				-1
	ONE CABL				
	C CABLE				
TELEPH	ONE MANH	10LE			
ELECTRI	C MANHO	LE		Ρ	
BURIED	TELEPHON	NE CABLE		— T-BUR	
	ELECTRIC				
	TELEPHON				
	(Sanitary				->
	MANHOLE				

#### **SCALES**



## MINNESOTA DEPARTMENT OF TRANSPORTATION ANOKA COUNTY, MINNESOTA

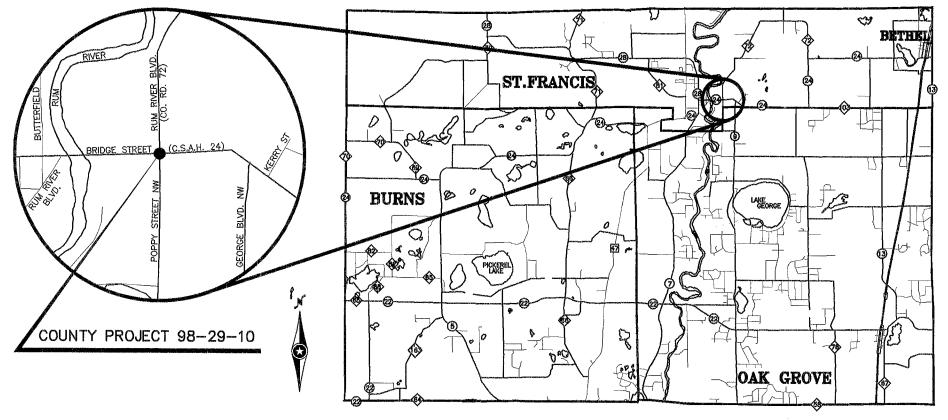
CITY OF ST. FRANCIS

CONSTRUCTION PLAN FOR DNE PERMANENT FULL-TRAFFIC-ACTUATED TRAFFIC CONTROL SIGNAL SYSTEM

LOCATED ON C.S.A.H. 24 (BRIDGE STREET) AT CO. RD 72 (RUM RIVER BLVD) / POPPY STREET NW

ANOKA COUNTY STATE-AID PROJECT NO. 02-624-23

#### INDEX MAP



**PARTICIPATION** ITEM DESCRIPTION UNIT **ESTIMATED** NUMBER ANOKA COUNTY **QUANTITIES** S.A.P. 02-624-23 PARTICIPATING 2104.601 REMOVE ENTRANCE 2565.511 FULL-TRAFFIC-ACTUATED TRAFFIC CONTROL SIGNAL SYSTEM SIG SYS 0.75 0.25

COUNTY ANOKA DISTRICT : METRO

METRIC PLAN PROJECT LOCATION

ATTENTION:

THIS IS A

#### BY CKD APPR REVISION PARSONS Barton-Aschman Associates, Inc. A Unit of Parsons Transportation Group Inc.

DATE 8/3/99 REG. NO. 21817

RAWN BY SNB DATE 6/99 SIGN BY SNB DATE 6/99 CHECKED BY LEW DATE 6/99

STATE PROJECT NO. STATE PROJECT NO. -STATE AID PROJECT NO. \_\_\_\_02-624-23 COUNTY PROJECT NO.



ANOKA COUNTY HIGHWAY DEPT

PLAN CERTIFICATIONS

DESIGN ENGINEER: 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

FEDERAL PROJECT NO. :

TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS.

SHEET NO.

**GOVERNING SPECIFICATIONS** 

THE 1995 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN.

ALL TRAFFIC CONTROL DEVICES AND SIGNING SHALL CONFORM TO THE MINNESOTA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MMUTCD), INCLUDING THE JANUARY 1998 EDITION OF THE "FIELD MANUAL FOR

**INDEX** 

DETAILS AND STANDARD PLATES CABINET AND PAD DETAILS DETAILS AND SIGNING INTERSECTION LAYOUT FIELD WIRING DIAGRAM

THIS PLAN SET CONTAINS 7 SHEETS

QUANTITIES

SITE UTILITIES INFORMATION

DESCRIPTION TITLE SHEET AND STATEMENT OF ESTIMATED

REG. NO. 21817 DATE 8/5/19
DIVISION ENGINEER - STATE AID
MELIANCE WITH STATE APPROVED: DATE .

#### SIGNAL SYSTEM DESIGN DESCRIPTION

	BRIDGE STREET (C.S.A.H. 24)	RUM RIVER BLVD. (CO. RD. 72) / POPPY STREET N.W.
DESIGN SPEED		60 KPH 50 KPH (35 MPH) / (30 MPH)
EXISTING A.D.T. (1999)		
PROJECTED A.D.T. (2015) FUNCTIONAL CLASSIFICATION		2200 / 600
		COLLECTOR / LOCAL 3 / 2
NO. OF PARKING LANES		0. / 0

TRAFFIC SIGNAL SYSTEM TITLE SHEET AND STATEMENT OF ESTIMATED QUANTITIES CSAH 24 (BRIDGE ST) @ CO. RD. 72

Sheet \_\_1 of \_\_7 Sheets

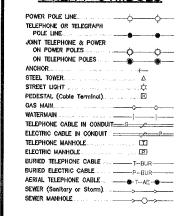
#### PLAN SYMBOLS

LTVIA 31	INIDOLO
COUNTY LINE	
SECTION UNE	
QUARTER LINE	
SIXTEENTH LINE	
RIGHT OF WAY LINE	
SLOPE EASEMENT	
PRESENT RIGHT OF WAY	
PROPERTY LINE	
CORPORATE OR CITY LIMITS.	
RETAINING WALL	
RAILROAD	TITLE CONTRACTOR
RAILROAD RIGHT OF WAY	
RIVER OR CREEK	THE STATE OF THE S
DRAINAGE DITCH	
CULVERT	
DROP INLET	. 0-===
GAURD RAIL	
BARBED WIRE FENCE	
WOVEN WIRE FENCE	у
CHAIN LINK FENCE	
WOOD FENCE	VD
WOOD PERIOR	
STONE WALL OR FENCE	
HEDGE	
HEUGE	
LOWLAND	1
	× · · · ·
TIMBER	·(~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
ORCHARD	E TIMBER 3
BRUSH	\$ " <sup>mac</sup> " 3
NURSERY.	(mmmm)
	VIBIV
CATTLE GAURD	Des Contract
	^ & ^
OVERDACE AND DOWN	
OVERPASS (Highway Over)	
	1/2
UNDERPASS (Highway Under)	
(	4/
	Y 111
BRIDGE	
	. 17
BUILDING (One Story Frame)	1S-F
F-FRAME C-CONCRETE	
S-STONE T-TILE	
B-BRICK ST-STUCCO	
RAILROAD CROSSING BELL	
RAILROAD CROSSING GATE	
MANHOLE	M.H.
FIRE HYDRANT	
CAST IRON MONUMENT	
IRON PIN	

#### UTILITY SYMBOLS

B

GRAVEL PIT SAND PIT.



# **SCALES** (KILOMETERS)

### MINNESOTA DEPARTMENT OF TRANSPORTATION ANOKA COUNTY, MINNESOTA CITY OF ST. FRANCIS

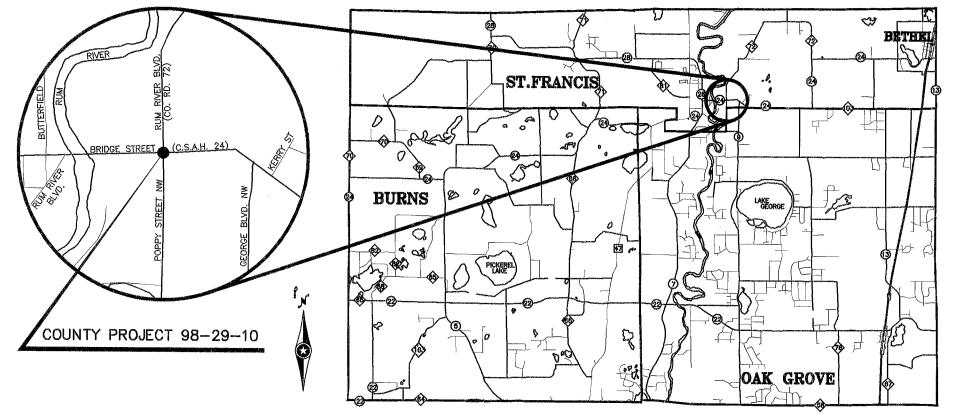
CONSTRUCTION PLAN FOR

ONE PERMANENT FULL-TRAFFIC-ACTUATED TRAFFIC CONTROL SIGNAL SYSTEM

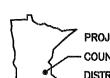
LOCATED ON C.S.A.H. 24 (BRIDGE STREET) AT CO. RD 72 (RUM RIVER BLVD) / POPPY STREET NW

ANOKA COUNTY STATE-AID PROJECT NO. 02-624-23

#### INDEX MAP



**PARTICIPATION** ITEM DESCRIPTION **ESTIMATED** ANOKA COUNTY NUMBER QUANTITIES S.A.P. 02-624-23 PARTICIPATING 2104,601 REMOVE ENTRANCE 2565.511 FULL-TRAFFIC-ACTUATED TRAFFIC CONTROL SIGNAL SYSTEM 0.75 0.25



PROJECT LOCATION DISTRICT | METRO

ATTENTION:

THIS IS A METRIC PLAN

# PARSONS

8/3/99 REG. NO. 21817

PRAWN BY SNB DATE 6/99 ESIGN BY\_SNB\_DATE 6/99 HECKED BY LEW DATE 6/99

STATE PROJECT NO. STATE PROJECT NO. STATE AID PROJECT NO. \_\_\_\_02-624-23 COUNTY PROJECT NO.



ANOKA COUNTY HIGHWAY DEPT

TRAFFIC SIGNAL SYSTEM TITLE SHEET AND STATEMENT

CSAH 24 (BRIDGE ST) @ CO. RD. 72 Sheet \_\_1 of \_\_7 Sheets

OF ESTIMATED QUANTITIES

FEDERAL PROJECT NO. :

**GOVERNING SPECIFICATIONS** THE 1995 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION

"STANDARD SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN. ALL TRAFFIC CONTROL DEVICES AND SIGNING SHALL CONFORM TO THE MINNESOTA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MMUTCD), INCLUDING THE JANUARY 1998 EDITION OF THE "FIELD MANUAL FOR TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS.

#### **INDEX**

SHEET NO. DESCRIPTION

> TITLE SHEET AND STATEMENT OF ESTIMATED QUANTITIES

DETAILS AND STANDARD PLATES

CABINET AND PAD DETAILS DETAILS AND SIGNING

INTERSECTION LAYOUT FIELD WIRING DIAGRAM

SITE UTILITIES INFORMATION

THIS PLAN SET CONTAINS 7 SHEETS

#### PLAN CERTIFICATIONS

DESIGN ENGINEER: 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

REG. NO. 21817

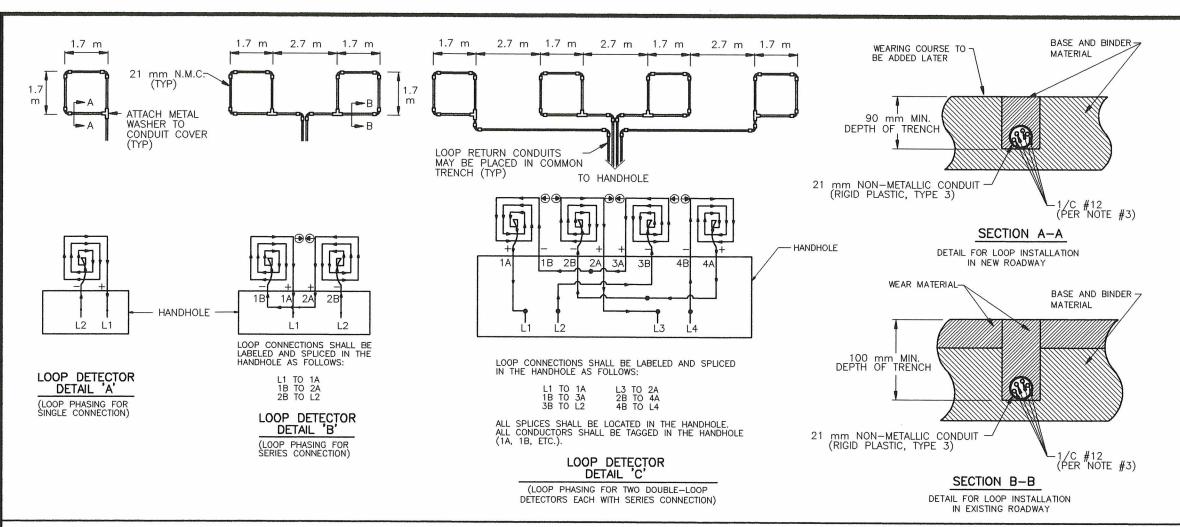
DATE 8 5 99

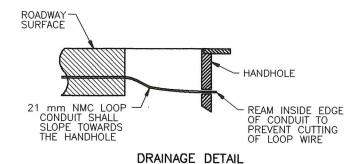
APPROVED: DATE

#### SIGNAL SYSTEM DESIGN DESCRIPTION

BRIDGE STREET (Co. RD. 72) / POPPY STREET N.W.

DESIGN SPEED	EU KBH/4U MBA	60 KPH 50 KPH (35 MPH) / (30 MPH)
		2000 / 500
PROJECTED A.D.T. (2015)		2200 / 600
FUNCTIONAL CLASSIFICATION		COLLECTOR / LOCAL
NO. OF TRAFFIC LANES		3 / 2
NO. OF PARKING LANES		0 / 0





#### LOOP DETECTOR WIRING

- (1) ALL CORNERS SHALL BE 90° CONDUIT BENDS.
- (2) CONNECT WIRES IN HANDHOLES USING SPLICE KIT METHOD DESCRIBED IN THE SPECIAL PROVISIONS.
- ③ LOOP DETECTOR WIRES SHALL BE #12 AWG CROSSED LINKED POLYETHYLENE (XLP). SEE SPECIAL PROVISIONS.
- (4) LOOP LEAD IN WIRES SHALL BE TWISTED A MIN. OF (5) TURNS PER 0.3 METER (1 FOOT) THROUGH THE CONDUIT TO THE HANDHOLE.
- (5) NMC DESIGNATES NON-METALLIC CONDUIT (SPEC. 3803)
- 6 LOOPS 1.7 m x 1.7 m THRU 1.7 m x 4.3 m SHALL HAVE (4) TURNS.
- 7 LOOPS 1.7 m x 4.6 m AND LARGER SHALL HAVE (2) TURNS.

#### LEGEND OF SYMBOLS

CONTROLLER AND SERVICE EQUIP. NO's	(A)
SIGNAL BASE NO.	ä
SIGNAL FACE NO.	$\stackrel{\smile}{\sim}$
LUMINAIRE NO.	$\times$
CONTROLLER AND CABINET	
CONTROLLER AND CABINET - IN PLACE	$\overline{}$
HANDHOLE · · · · · · · · · · · · · · · · · · ·	•
HANDHOLE - IN PLACE	
RIGID STEEL CONDUIT (RSC)	=====
RIGID STEEL CONDUIT (RSC) - IN PLACE	
SIGNAL FACE WITH BACKGROUND SHIELD	
SIGNAL FACE W/O BACKGROUND SHIELD	
SIGNAL FACE - IN PLACE	
PEDESTRIAN INDICATORS	
PEDESTRIAN INDICATORS - IN PLACE	
PEDESTRIAN PUSH BUTTONS ON PEDESTAL OR POLE	
PEDESTRIAN PUSH BUTTON STATION	
TRAFFIC SIGNAL PEDESTAL	
TRAFFIC SIGNAL PEDESTAL - INPLACE	$\boxtimes$
TRAFFIC SIGNAL POLE AND MAST ARM	0
TRAFFIC SIGNAL POLE AND MAST ARM - IN PLACE	0
STREET LIGHT POLE AND LUMINAIRE	<u>→                                    </u>
STREET LIGHT POLE AND LUMINAIRE - IN PLACE	o-₩
MAST ARM AND LUMINAIRE	
MAST ARM AND LUMINAIRE — INPLACE	<del>─</del> ☆
WOOD POLE - IN PLACE	•
	-
RAILROAD SIGNAL — IN PLACE	-O- EED
RIGHT OF WAY LINE	
EDGE OF ROADWAY	
SHOULDERLINE	
CURB LINE	
STOP BAR	

	ABBREVIAT	IONS	
BR. GR. CH. SW. CLR D2-1(EG) DWK EQG	SIGNAL HEAD PHASE "3" - NO "1" BARE GROUND CHECK SWITCH CLEAR DETECTOR PHASE "2" - NO. "1" DON'T WALK EQUIPMENT GROUND EMERGENCY VEHICLE PRE-EMPTION	PB `	PEDESTRIAN INDICATION PHASE "2" — NO. "1" PUSH BUTTON PUSH BUTTON PHASE "2" — NO. "1" PHOTOELECTRIC CELL PEDESTRIAN RED REMOVE AND SALVAGE RED LEFT TURN ARROW
GRN GR. R GRTA	FURNISH AND INSTALL FLASH/FLASHING GREEN GREEN LEFT TURN ARROW GREEN GROUND ROD GREEN RIGHT TURN ARROW GREEN THRU ARROW HANDHOLE HIGH PRESSURE SODIUM JUNCTION BOX LUMINAIRE	RRTA RSC SOP SPR ST. LHT STA SW SWD S&R TDW WLK YEL	RED RIGHT TURN ARROW RIGID STEEL CONDUIT SOURCE OF POWER SPARE STREET LIGHT STATION SWITCH SWITCHED SALVAGE AND REINSTALL TELEPHONE DROP WIRE WALK YELLOW

YLTA

YRTA

CONDUCTOR COLOR CODE	CONDU	JCTOR	COLOR	CODE
----------------------	-------	-------	-------	------

R	RED
0	ORANGE
BL	BLUE
WH	WHITE
R/BLK	RED WITH BLACK TRACER
O/BLK	ORANGE WITH BLACK TRACER
BL/BLK	BLUE WITH BLACK TRACER
WH/BLK	WHITE WITH BLACK TRACER
BLK	BLACK
BLK/WH	BLACK WITH WHITE TRACER
G/BLK	GREEN WITH BLACK TRACER
G G	GREEN

*	-	APPLIES	ТО	THIS	PROJECT	

\* M8114 A PVC HANDHOLE/PULLBOX

M8120 K PA85 POLE FOUNDATION

M8122 C PEDESTAL AND PEDESTAL BASE \* M8123 D POLE AND MAST ARM \* M8124 E MAST ARM SIGNAL HEAD MOUNTS

PLATE NO.

₩ M7036 D

\* M8110 D

		***************************************						
							<b>A</b>	,
							1 1	1
NO	DATE	BY	CKD	APPR	REVISION			
<b>P</b>	Barton-Asc A Unit of F	DNS hman A	<u>s</u> sociate:	s, Inc.		Ш	шШ	Ш
	A Unit of F	arsons	Transpor	tation G	roup Inc.	minne	sofa r	netric

STANDARD PLATES THESE STANDARD PLATES AS APPROVED BY FHWA SHALL APPLY:

TRAFFIC SIGNAL BRACKETING - POLE MOUNTED M8111 C TRAFFIC SIGNAL BRACKETING - PEDESTAL MOUNTED

M8112 C PEDESTAL FOUNDATION - TRAFFIC CONTROL SIGNALS

M8115 D PEDESTRIAN PUSH BUTTON INSTALLATION
M8117 F PRECAST CONCRETE HANDHOLE (OR PULLBOX)
M8118 C SERVICE EQUIPMENT AND POLE—TRAFFIC CONTROL SIGNALS

PEDESTRIAN CURB RAMP

\* M8119 C GROUND MOUNTED CABINET FOUNDATION

\* M8121 D TRANSFORMER BASE AND POLE BASE PLATE

POLE FOUNDATION (PA90 AND PA100)

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 MINISPECTIFE

RAWN BY SNB DATE 6/99 DESIGN BY SNB DATE 6/99 CHECKED BY LEW DATE 6/99 DATE 6/28/99 REG. NO. 21817

STATE PROJECT NO. STATE PROJECT NO. STATE AID PROJECT NO. \_\_\_\_02-624-23 COUNTY PROJECT NO.

**NEUTRAL** 

NONMETALLIC CONDUIT

NMC



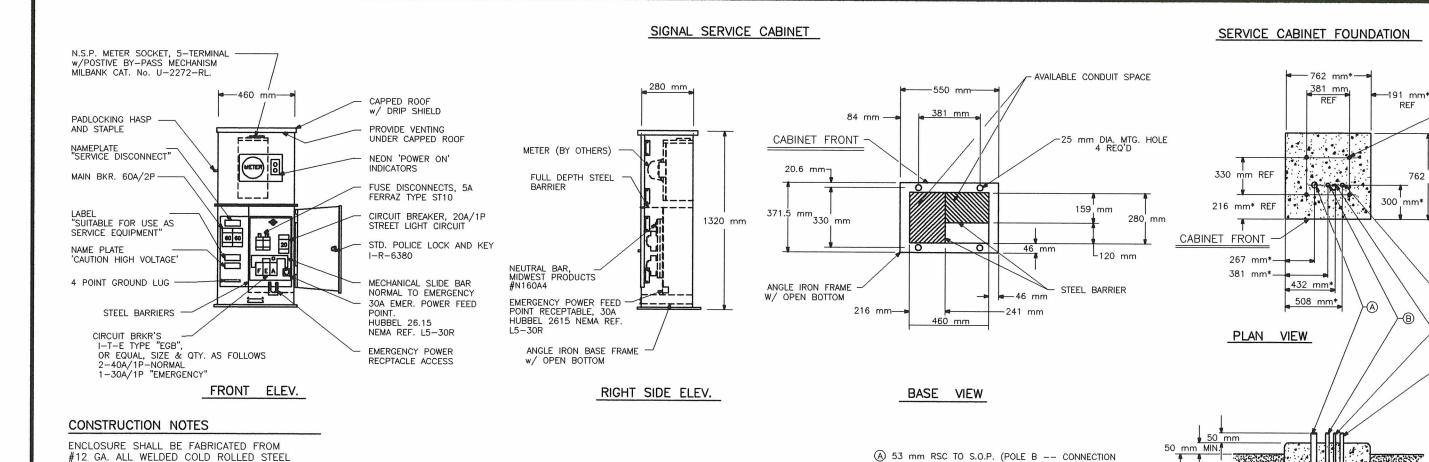
YELLOW LEFT TURN ARROW

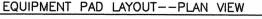
YELLOW RIGHT TURN ARROW YELLOW THRU ARROW

> ANOKA COUNTY HIGHWAY DEPT

TRAFFIC SIGNAL SYSTEM DETAILS AND STANDARD PLATES CSAH 24 (BRIDGE ST) O CO. RD. 72

Sheet 2 of 7 Sheets





(SEE INTERSECTION LAYOUT AND WIRING DIAGRAM FOR CABLE INFORMATION) (NO SCALE)

#12 GA. ALL WELDED COLD ROLLED STEEL

DOORS TO BE GASKETED, ALL HINGES, PINS

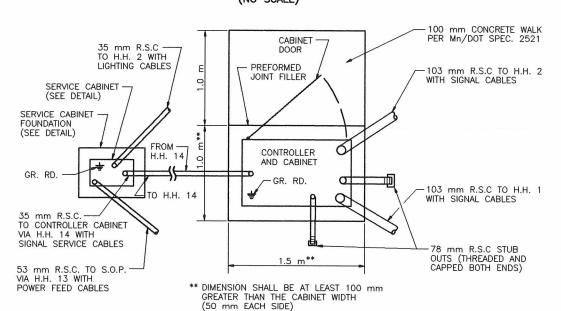
FOR OUTDOOR WEATHER PROOF SERVICE.

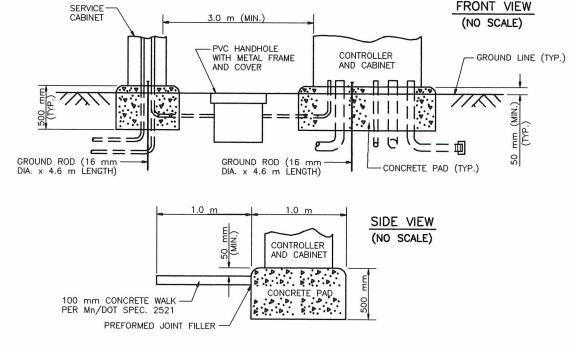
AND LOCKS TO BE OF NON CORRODING

CONSTRUCTION. CABINET TO BE PRIMED INSIDE AND OUT WITH RUST INHIBITING PRIMER.

ENCLOSURE SHALL BE 'UL' APPROVED

FINISH PER MN/DOT #3527.





TO BE MADE BY CONNEXUS ENERGY)

(E) ANCHOR BOLT LOCATIONS (4 REQUIRED)

(D) 35 mm RSC TO HANDHOLE 2

(FOR INTERSECTION LIGHTING)

(C) GROUNDING ROD

(B) 35 mm RSC TO CONTROLLER CABINET VIA H.H., 14

#### CONSTRUCTION NOTES:

ELEV. VIEW

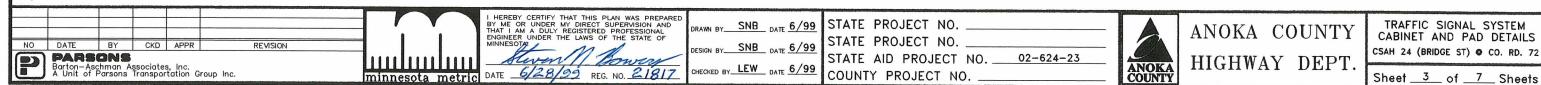
450

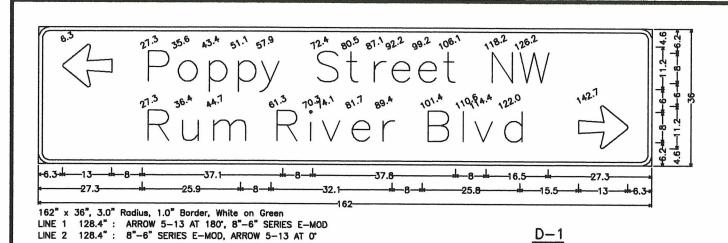
- 1) SEE SPECIAL PROVISIONS FOR COUNTY FURNISHED MATERIALS.
- 2) THE UPPER EDGES OF THE EQUIPMENT PAD SHALL BE BEVELLED OR CHAMFERRED IN A NEAT MANNER AS DIRECTED BY THE ENGINEER.

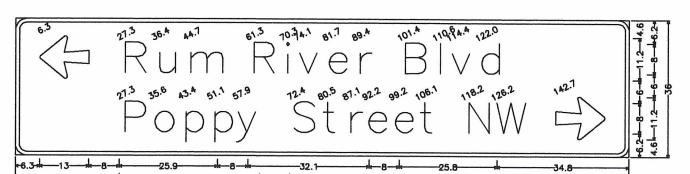
762 mm\*

 $\overline{\mathbb{B}}$ 

- (3) THE TOP OF THE CONDUITS SHALL BE THREADED AND CAPPED AFTER INSTALLATION (UNTIL CABLES ARE INSTALLED).
- 4 ALL CONDUITS SHALL PROJECT A MINIMUM OF 50 mm ABOVE THE CONCRETE AND SHALL BE LOCATED INSIDE THE CABINET WHERE DIRECTED BY THE ENGINEER, BUT SHALL NOT INTERFERE WITH THE CABINET COMPONENTS OR FUNCTION (SUPPORTING MEMBERS, ETC.).
- (5) ALL CONCRETE CONSTRUCTION (EQUIPMENT PAD AND SIDEWALK AREAS) SHALL BE MIX 3A32 OR APPROVED EQUAL.
- (6) CONDUITS WITH BOTH ENDS TERMINATING WITHIN THE PAD SHALL NOT EXTEND BENEATH THE CONCRETE.
- 7) THE EXACT LOCATION OF CONDUITS WITHIN THE PAD SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.
- (8) CONTROLLER CABINET SHALL BE PER Mn/DOT M8119C.







LINE 1 128.4": ARROW 5-13 AT 180°, 8"-6" SERIES E-MOD LINE 2 128.4": 8"-6" SERIES E-MOD, ARROW 5-13 AT 0"

162" x 36", 3.0" Radius, 1.0" Border, White on Green

8.1 + 39.5 + 8 + 37.8 + 8 + 16.5 + 8.1 + 8.1 + 10.8": 8"-6" SERIES E-MOD

1.1 \*\* 12 \*\* 18", 3.0" Radius, 1.0" Border, White on Green

LINE 1 109.8": 8"-6" SERIES E-MOD

MAST ARM MOUNTED SIGNING

NOTE: ALL DIMENSIONS OF DETAILED SIGN PANELS ARE IN INCHES.



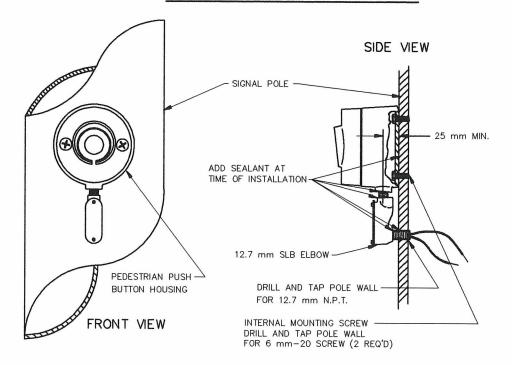
	TYPE "D" SIGNS — FURNISH AND INSTALL										
SIGN PANEL	SIZE (inches)	SIZE (m)	NO. REQ.	NO. POSTS PER SIGN	POST SPACING (mm)	AREA PER SIGN (sq. m.)	POLE NO.	DIM. "a"			
D-1	162x36	4.11x0.91	1	4	1145	3.74	1	3.4 m			
D-2	126x18	3.20x0.46	1	3	1145	1.47	2	1.1 m			
D-3	162x36	4.11x0.91	1	4	1145	3.74	3	3.4 m			
D-4	126x18	3.20x0.46	1	3	1145	1.47	4	1.7 m			
	TYPE "C" SIGNS — FURNISH AND INSTALL										
R10-12	36x48	0.91x1.22	3	2	610	1.11	1,3,4	0.5 m			

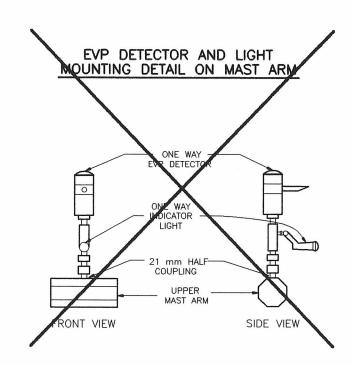
#### NOTES:

- TYPE "D" SIGN COLOR-WHITE LEGEND AND BORDER ON GREEN BACKGROUND, FULLY REFLECTORIZED.
- 2) CORNERS EXTENDING BEYOND THE BORDER SHALL NOT BE TRIMMED.
- 3) FOR STRUCTURAL DETAILS, TYPE "C" AND "D" SIGNS, SEE DETAILS AND STANDARD SIGNS MANUAL.
- 4) FOR TYPE "D" STRINGER AND PANEL—JOINT DETAIL, SEE DETAILS AND STANDARD SIGNS MANUAL.
- 5) TYPE "C" AND "D" SIGN PANELS SHALL BE FURNISHED AND INSTALLED BY SIGNAL CONTRACTOR INCIDENTAL TO ITEM NO. 2565.511 FOR SIGNAL SYSTEM. SEE SPECIAL PROVISIONS.

#### MAST ARM POLE PEDESTRIAN PUSH BUTTON DETAIL

D-3





			TOTAL PROPERTY.	-					
									1 87
NO	DATE	BY	CKD	APPR	REVISION				E
	bulton Associates, inc.							Щ	_ D

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERMISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA!

ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

DESCRIPTION OF THE STATE OF OF

DRAWN BY SNB DATE 6/99
DESIGN BY SNB DATE 6/99
CHECKED BY LEW DATE 6/99

STATE PROJECT NO. \_\_\_\_\_\_\_

STATE PROJECT NO. \_\_\_\_\_\_

STATE AID PROJECT NO. \_\_\_\_\_02-624-23

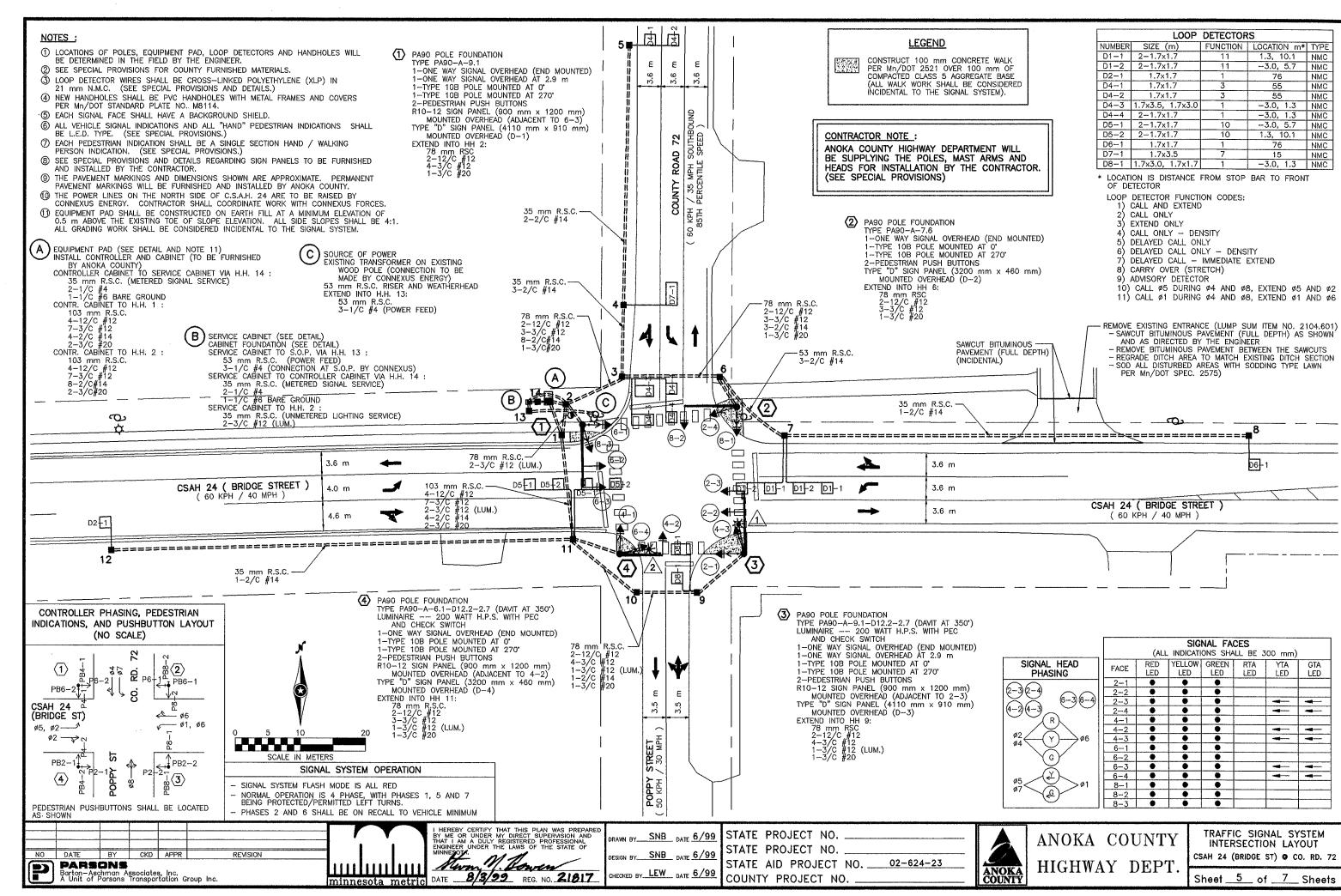
COUNTY PROJECT NO. \_\_\_\_\_\_



ANOKA COUNTY HIGHWAY DEPT.

TRAFFIC SIGNAL SYSTEM
DETAILS AND SIGNING
CSAH 24 (BRIDGE ST) © CO. RD. 72

Sheet <u>4</u> of <u>7</u> Sheets



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