

PVC LOOP DETECTORS				
NUMBER	SIZE (FT.)	LOCATION	FUNCTION	STATUS
D1-1	2-6x6	10' & 40'	1	1
D1-2	2-6x6	-5' & 25'	1	2
D2-1, D2-2	6x6	475'	1	INPLACE
D3-1	2-6x6	20' & 50'	1	INPLACE
D3-2	2-6x6	5' & 35'	1	INPLACE
D4-1	6x6	120'	3	INPLACE
D4-2, D8-2	2-6x6	5' & 20'	1	INPLACE
D4-3	3-6x6	-20', -5', 10'	7	INPLACE
D5-1	2-6x6	10' & 40'	1	1
D5-2	2-6x6	-5' & 25'	1	2
D6-1, D6-2	6x6	475'	1	INPLACE
D7-1	2-6x6	20' & 50'	1	INPLACE
D7-2	2-6x6	5' & 35'	1	INPLACE
D8-1	6x6	250'	3	INPLACE
D8-3	2-6x6	-5' & 10'	7	INPLACE

LOOP DETECTORS FUNCTIONS:

- 1) CALL AND EXTEND
- 3) EXTEND ONLY
- 7) DELAYED CALL, IMMEDIATE EXTEND

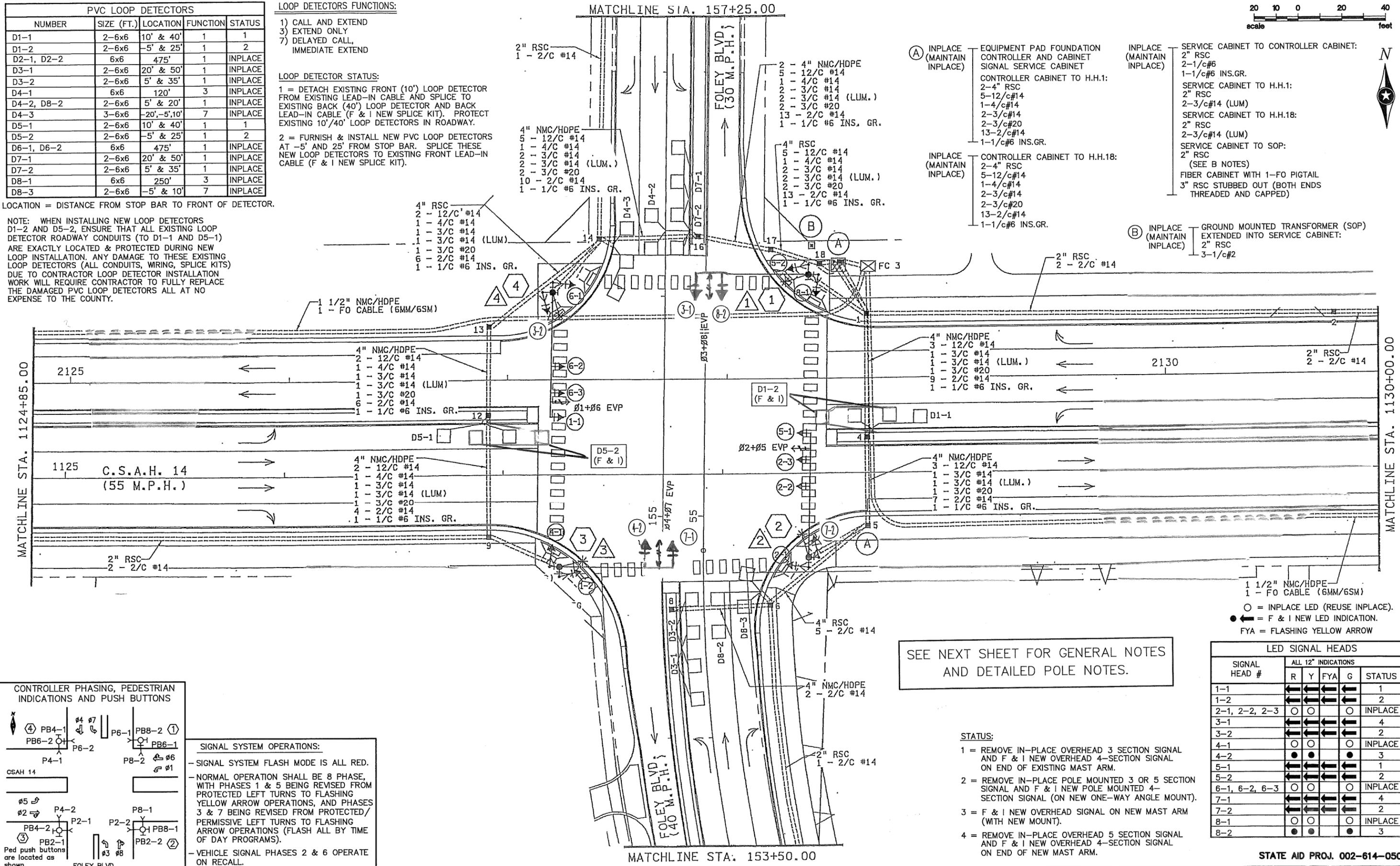
LOOP DETECTOR STATUS:

1 = DETACH EXISTING FRONT (10') LOOP DETECTOR FROM EXISTING LEAD-IN CABLE AND SPLICE TO EXISTING BACK (40') LOOP DETECTOR AND BACK LEAD-IN CABLE (F & 1 NEW SPLICE KIT). PROTECT EXISTING 10'/40' LOOP DETECTORS IN ROADWAY.

2 = FURNISH & INSTALL NEW PVC LOOP DETECTORS AT -5' AND 25' FROM STOP BAR. SPLICE THESE NEW LOOP DETECTORS TO EXISTING FRONT LEAD-IN CABLE (F & 1 NEW SPLICE KIT).

LOCATION = DISTANCE FROM STOP BAR TO FRONT OF DETECTOR.

NOTE: WHEN INSTALLING NEW LOOP DETECTORS D1-2 AND D5-2, ENSURE THAT ALL EXISTING LOOP DETECTOR ROADWAY CONDUITS (TO D1-1 AND D5-1) ARE EXACTLY LOCATED & PROTECTED DURING NEW LOOP INSTALLATION. ANY DAMAGE TO THESE EXISTING LOOP DETECTORS (ALL CONDUITS, WIRING, SPLICE KITS) DUE TO CONTRACTOR LOOP DETECTOR INSTALLATION WORK WILL REQUIRE CONTRACTOR TO FULLY REPLACE THE DAMAGED PVC LOOP DETECTORS ALL AT NO EXPENSE TO THE COUNTY.

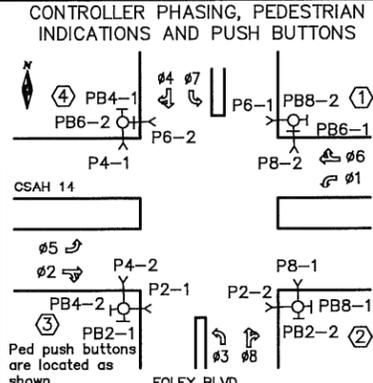


- (A) INPLACE (MAINTAIN INPLACE) EQUIPMENT PAD FOUNDATION CONTROLLER AND CABINET SIGNAL SERVICE CABINET CONTROLLER CABINET TO H.H.1: 2-4" RSC 5-12/c#14 1-4/c#14 2-3/c#14 (LUM.) 2-3/c#20 13-2/c#14 1-1/c#6 INS. GR.
- (A) INPLACE (MAINTAIN INPLACE) CONTROLLER CABINET TO H.H.18: 2-4" RSC 5-12/c#14 1-4/c#14 2-3/c#14 (LUM.) 2-3/c#20 13-2/c#14 1-1/c#6 INS. GR.
- (B) INPLACE (MAINTAIN INPLACE) GROUND MOUNTED TRANSFORMER (SOP) EXTENDED INTO SERVICE CABINET: 2" RSC 3-1/c#2
- INPLACE (MAINTAIN INPLACE) SERVICE CABINET TO CONTROLLER CABINET: 2" RSC 2-1/c#6 1-1/c#6 INS. GR.
- INPLACE (MAINTAIN INPLACE) SERVICE CABINET TO H.H.1: 2" RSC 2-3/c#14 (LUM.) 1-4/c#14 2-3/c#14 2-3/c#20 13-2/c#14 1-1/c#6 INS. GR.
- INPLACE (MAINTAIN INPLACE) SERVICE CABINET TO H.H.18: 2" RSC 2-3/c#14 (LUM.) 1-4/c#14 2-3/c#14 2-3/c#20 13-2/c#14 1-1/c#6 INS. GR.
- (SEE B NOTES) FIBER CABINET WITH 1-FO PIGTAIL 3" RSC STUBBED OUT (BOTH ENDS THREADED AND CAPPED)

SEE NEXT SHEET FOR GENERAL NOTES AND DETAILED POLE NOTES.

- STATUS:**
- 1 = REMOVE IN-PLACE OVERHEAD 3 SECTION SIGNAL AND F & I NEW OVERHEAD 4-SECTION SIGNAL ON END OF EXISTING MAST ARM.
 - 2 = REMOVE IN-PLACE POLE MOUNTED 3 OR 5 SECTION SIGNAL AND F & I NEW POLE MOUNTED 4-SECTION SIGNAL (ON NEW ONE-WAY ANGLE MOUNT).
 - 3 = F & I NEW OVERHEAD SIGNAL ON NEW MAST ARM (WITH NEW MOUNT).
 - 4 = REMOVE IN-PLACE OVERHEAD 5 SECTION SIGNAL AND F & I NEW OVERHEAD 4-SECTION SIGNAL ON END OF NEW MAST ARM.

LED SIGNAL HEADS					
SIGNAL HEAD #	ALL 12" INDICATIONS				STATUS
	R	Y	FYA	G	
1-1	←	←	←	←	1
1-2	←	←	←	←	2
2-1, 2-2, 2-3	○	○	○	○	INPLACE
3-1	←	←	←	←	4
3-2	←	←	←	←	2
4-1	○	○	○	○	INPLACE
4-2	●	●	●	●	3
5-1	←	←	←	←	1
5-2	←	←	←	←	2
6-1, 6-2, 6-3	○	○	○	○	INPLACE
7-1	←	←	←	←	4
7-2	←	←	←	←	2
8-1	○	○	○	○	INPLACE
8-2	●	●	●	●	3



SIGNAL SYSTEM OPERATIONS:

- SIGNAL SYSTEM FLASH MODE IS ALL RED.
- NORMAL OPERATION SHALL BE 8 PHASE, WITH PHASES 1 & 5 BEING REVISED FROM PROTECTED LEFT TURNS TO FLASHING YELLOW ARROW OPERATIONS, AND PHASES 3 & 7 BEING REVISED FROM PROTECTED/PERMISSIVE LEFT TURNS TO FLASHING ARROW OPERATIONS (FLASH ALL BY TIME OF DAY PROGRAMS).
- VEHICLE SIGNAL PHASES 2 & 6 OPERATE ON RECALL.

DRAWN BY: JMG	DESIGNER: JMG	CHECKED BY: JMG
DESIGN TEAM		
NO.	BY	DATE

REVISIONS		
NO.	BY	DATE

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

John M. Gray
Name: John M. Gray, PE
Lic. No. 22457
Date: August 21, 2020

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3535 VADNAIS CENTER DR.
ST. PAUL, MN 55110

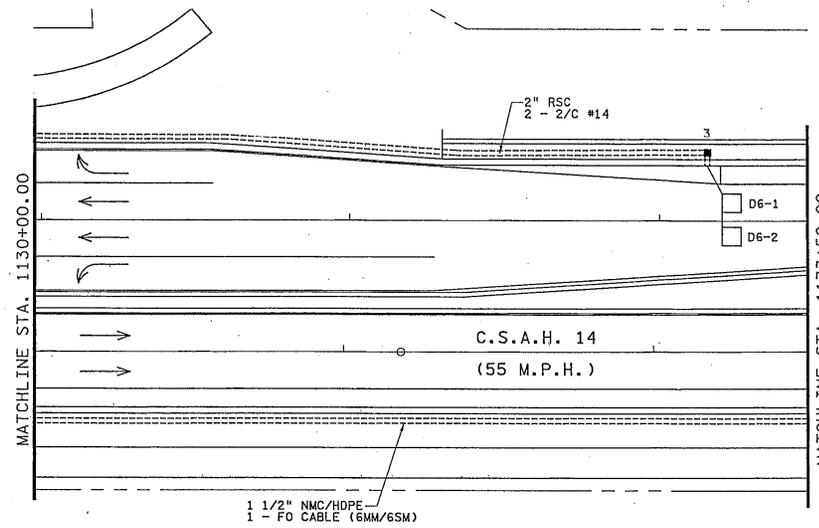
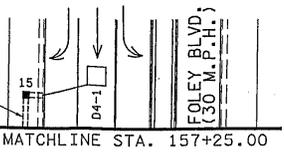
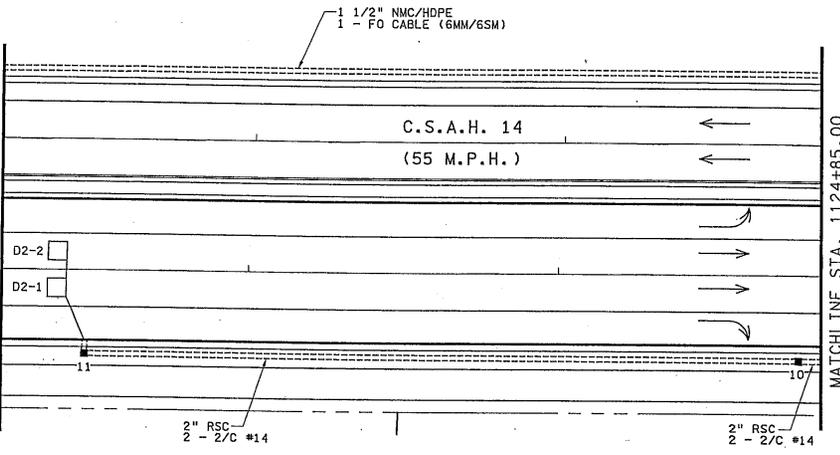
ANOKA COUNTY
CITY OF COON RAPIDS

REVISE SIGNAL SYSTEM 'D'
INTERSECTION LAYOUT
CSAH 14 (MAIN STREET) AT FOLEY BOULEVARD

STATE AID PROJ. 002-614-050
FILE NO. ANOKC 153781
24
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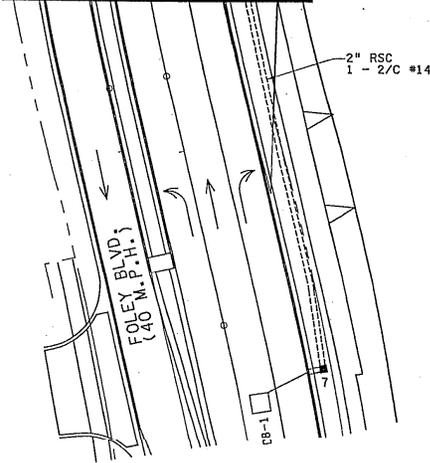
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MATCHLINE STA. 1122+20.00
SEE SHEET NO. 07TR08



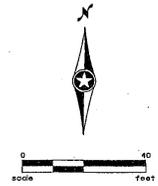
MATCHLINE STA. 1133+50.00
SEE SHEET NO. 07TR09

MATCHLINE STA. 1153+50.00



POLE	STATION	OFFSET (FT)
1	1128+39.0466	89.9337 LT
2	1128+38.9744	38.4102 RT
3	1127+25.5423	41.8359 RT
4	1127+22.3835	82.5017 LT

STATIONS & OFFSETS ARE OFF OF E.B. C.S.A.H. 14



RELEASED FOR CONSTRUCTION

- NOTES:
1. ALL ITEMS ARE FURNISH AND INSTALL, UNLESS NOTED OTHERWISE.
 2. SEE SPECIAL PROVISIONS FOR COUNTY FURNISHED MATERIALS.
 3. THE EXACT LOCATION OF HANDHOLES AND LOOP DETECTORS, SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.
 4. FOR PAVEMENT MARKINGS SEE PAVEMENT MARKING SHEETS.
 5. THIS PLAN SPECIFIES CONDUIT SIZES, TYPES, AND GENERAL LOCATIONS. THE EXACT LOCATIONS WILL BE DETERMINED IN THE FIELD.
 6. THIS WORK TO BE COMPLETED IN CONJUNCTION WITH ROADWAY WORK.
 7. THE CONTRACTOR SHALL LOCATE AND VERIFY INPLACE UTILITIES PRIOR TO COMMENCING WORK. SEE UTILITY PLANS.

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NO.	DATE	BY	CHKD	APPR

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

Print Name: **GEORGE M. STUEMPFIG**
George M. Stuempfig
 Date: 3/20/12 License # 21849

ANOKA COUNTY RELEASED FOR CONSTRUCTION

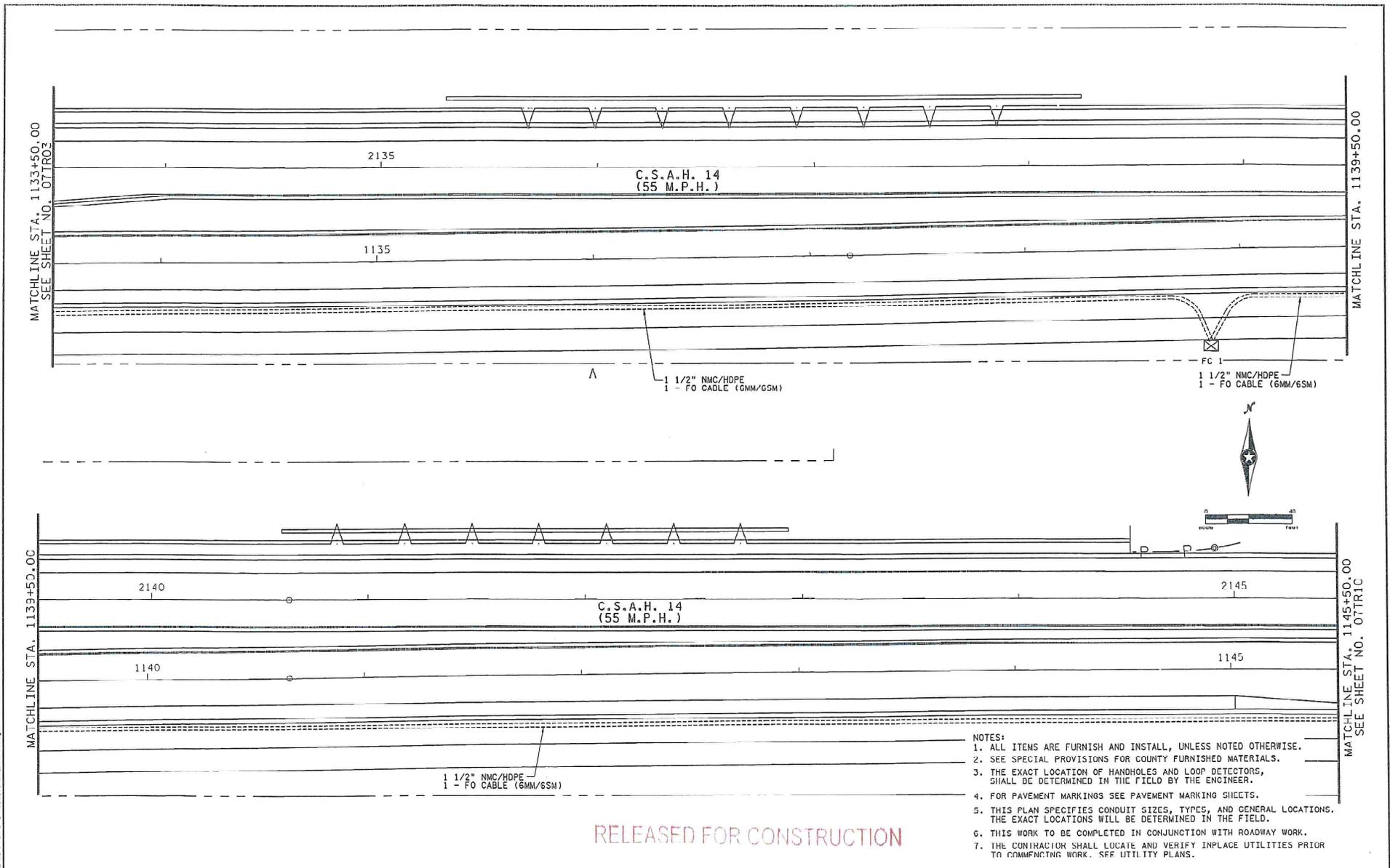
Clayton Callahan
 Date: 3/20/12 ANOKA COUNTY



CSAH 14 DESIGN BUILD (SAP 002-614-034) SHEET
 MATCHLINE LAYOUT
 CSAH 14 & FOLEY BLVD (SYSTEM "B")
 C.S.A.H. 14
 DESIGN PACKAGE #07

07TR03
 OF
 07TR16

7284



- NOTES:
1. ALL ITEMS ARE FURNISH AND INSTALL, UNLESS NOTED OTHERWISE.
 2. SEE SPECIAL PROVISIONS FOR COUNTY FURNISHED MATERIALS.
 3. THE EXACT LOCATION OF HANDHOLES AND LOOP DETECTORS, SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.
 4. FOR PAVEMENT MARKINGS SEE PAVEMENT MARKING SHEETS.
 5. THIS PLAN SPECIFIES CONDUIT SIZES, TYPES, AND GENERAL LOCATIONS. THE EXACT LOCATIONS WILL BE DETERMINED IN THE FIELD.
 6. THIS WORK TO BE COMPLETED IN CONJUNCTION WITH ROADWAY WORK.
 7. THE CONTRACTOR SHALL LOCATE AND VERIFY INPLACE UTILITIES PRIOR TO COMMENCING WORK. SEE UTILITY PLANS.

RELEASED FOR CONSTRUCTION

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NO	DATE	BY	CHKD	APPR

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

Print Name: **GEORGE M. STUEMPFIC**
George M. Stuempfic
 Date: 3/23/02 License: 21849

ANOKA COUNTY RELEASED FOR CONSTRUCTION

Christine
 Date: 3/23/02 ANOKA COUNTY

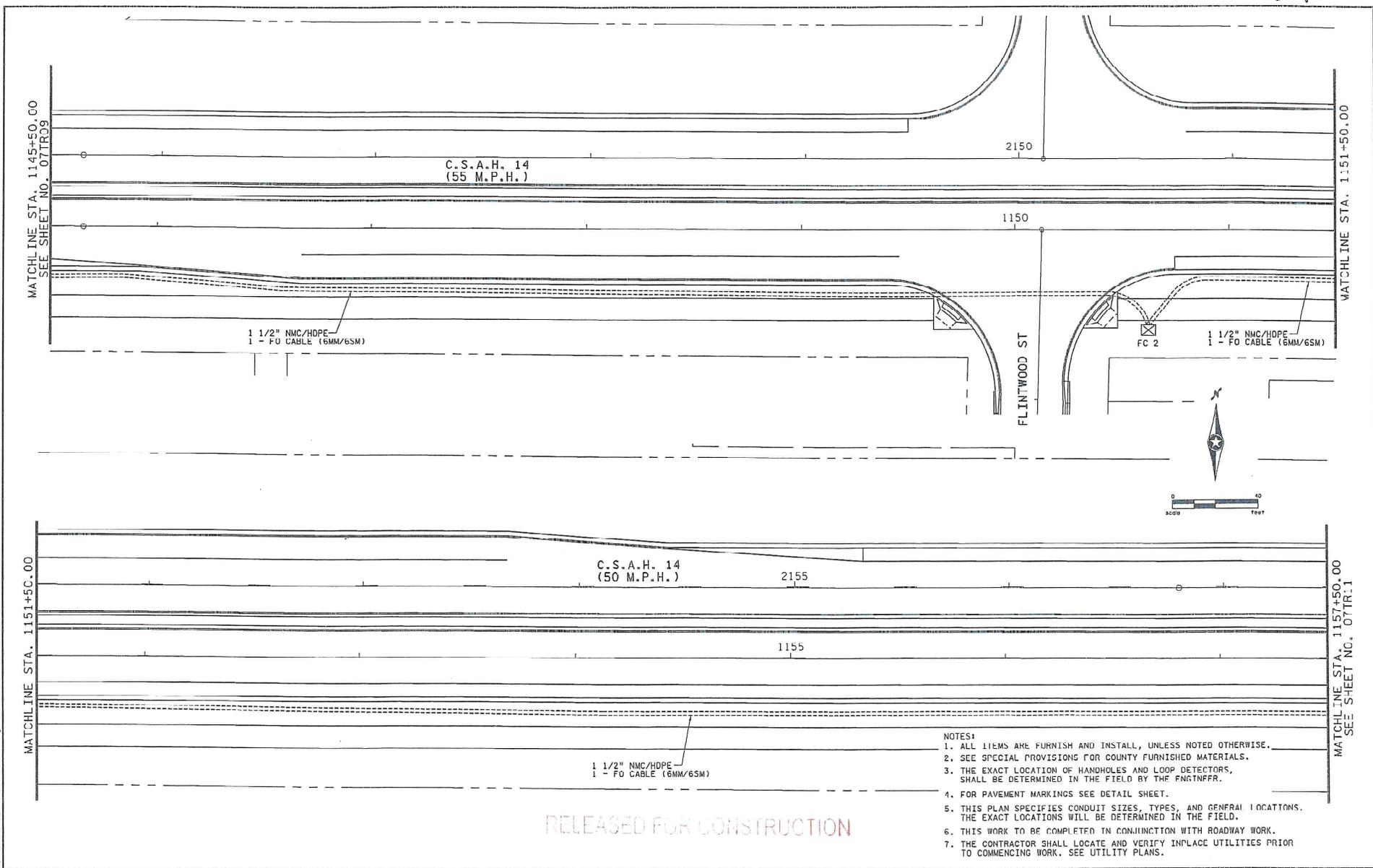


CSAH 14 DESIGN BUILD (SAP 002-614-034)

INTERCONNECT LAYOUT
 C.S.A.H. 14
 DESIGN PACKAGE #07

SHEET
 07TR09
 OF
 07TR16

7284



- NOTES:
1. ALL ITEMS ARE FURNISH AND INSTALL, UNLESS NOTED OTHERWISE.
 2. SEE SPECIAL PROVISIONS FOR COUNTY FURNISHED MATERIALS.
 3. THE EXACT LOCATION OF HANDHOLES AND LOOP DETECTORS, SHALL BE DETERMINED IN THE FIELD BY THE ENGTNFR.
 4. FOR PAVEMENT MARKINGS SEE DETAIL SHEET.
 5. THIS PLAN SPECIFIES CONDUIT SIZES, TYPES, AND GENERAL LOCATIONS. THE EXACT LOCATIONS WILL BE DETERMINED IN THE FIELD.
 6. THIS WORK TO BE COMPLETED IN CONJUNCTION WITH ROADWAY WORK.
 7. THE CONTRACTOR SHALL LOCATE AND VERIFY INPLACE UTILITIES PRIOR TO COMMENCING WORK. SEE UTILITY PLANS.

RELEASED FOR CONSTRUCTION

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NO	DATE	BY	CHK	APPR

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

Print Name: **GEORGE M. STUEMPF** ID
 Date: *3/2/07* License #: **21849**

ANOKA COUNTY RELEASED FOR CONSTRUCTION

Date: *3/2/07* ANOKA COUNTY



CSAH 14 DESIGN BUILD (SAP 002-614-034)

INTERCONNECT LAYOUT
 C.S.A.H. 14
 DESIGN PACKAGE #07

SHEET
 07TR10
 OF
 07TR16

NOTES:

- 1) ALL ITEMS OF THIS SIGNAL SYSTEM ARE INPLACE AND SHALL BE REUSED AND MAINTAINED INPLACE, UNLESS OTHERWISE NOTED ON PLANS.
- 2) ALL HANDHOLES ARE PVC HANDHOLES WITH METAL FRAMES AND COVERS AND ARE INPLACE (REUSE AND MAINTAIN INPLACE).
- 3) ALL PEDESTRIAN SIGNAL HEADS ARE ONE-SECTION LED "HAND/WALKING PERSON" COUNTDOWN TIMER INDICATIONS AND ARE INPLACE (REUSE AND MAINTAIN INPLACE).
- 4) ALL LOOP DETECTORS ARE INPLACE AND SHALL BE REUSED AND MAINTAINED INPLACE AND OPERATIONAL, EXCEPT AS FOLLOWS: CONTRACTOR SHALL FURNISH AND INSTALL NEW LOOP DETECTORS D1-2 AND D5-2 IN PVC PER DETAILS INCLUDED ELSEWHERE IN THE PLANS. LOOP DETECTOR WIRES FOR NEW LOOP DETECTORS SHALL BE CROSS-LINKED POLY-ETHYLENE (XLP) #12 AWG IN 3/4" NMC. SEE SPECIAL PROVISIONS.
- 5) ANY DAMAGE TO INPLACE TRAFFIC SIGNAL FACILITIES (CONDUIT, CABLES, HANDHOLES, SIGNAL POLES, ETC.), DUE TO TRAFFIC SIGNAL REVISION WORK, SHALL BE REPAIRED BY CONTRACTOR TO SATISFACTION OF THE ENGINEER, AT NO EXPENSE TO THE COUNTY.
- 6) CONTRACTOR SHALL MAINTAIN OPERATION OF THE SIGNAL SYSTEM AT ALL TIMES, EXCEPT AS OTHERWISE APPROVED BY ENGINEER.
- 7) ALL NEW VEHICULAR SIGNAL HEADS SHALL HAVE BACKGROUND SHIELDS FURNISHED & INSTALLED BY CONTRACTOR. ALL INPLACE VEHICULAR SIGNAL HEADS BEING REUSED AS PART OF REVISE SIGNAL SYSTEM "D" HAVE BACKGROUND SHIELDS (REUSE AND MAINTAIN INPLACE).
- 8) LOCATION OF NEW LOOP DETECTORS SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- 9) F & I = NEW, FURNISH AND INSTALL.
S & I = INPLACE, SALVAGE AND INSTALL.
- 10) SEE SPECIAL PROVISIONS FOR COUNTY FURNISHED MATERIALS TO BE INSTALLED AND MADE OPERATIONAL BY CONTRACTOR.
- 11) ALL NEW VEHICULAR SIGNAL HOUSINGS, BACKGROUND SHIELDS AND VISORS SHALL BE FABRICATED USING BLACK POLYCARBONATE MATERIALS. SEE SPECIAL PROVISIONS.
- 12) SEE SPECIAL PROVISIONS & DETAILS REGARDING NEW TYPE C SIGN PANELS TO BE FURNISHED AND INSTALLED BY CONTRACTOR, AND INPLACE TYPE D SIGN PANELS TO BE SALVAGED AND REINSTALLED BY CONTRACTOR (ALL INCLUDED AS PART OF PAY ITEM FOR ITEM NO. 2565-REVISE SIGNAL SYSTEM D).

① INPLACE (MAINTAIN INPLACE) PA100 POLE FOUNDATION
 TYPE PA100-A-D40-9 MAST ARM POLE (DAVIT AT 350 DEG)
 LUMINAIRE-LED
 1-ANGLE MOUNT SIGNAL-POLE MOUNTED 180 DEG (8-1)
 2-SETS CD PED SIGNALS (ANGLE MOUNTED) AT 90/180 DEG
 2-PEDESTRIAN PUSH BUTTONS & SIGNS (R10-3e)
 2-R6-1 SIGN PANELS-POLE MOUNTED 0/180 DEG
 EXTENDED INTO H.H.1:
 3" RSC
 2-12/c#14
 1-4/c#14
 1-3/c#14
 1-3/c#20
 2-2/c#14
 1-3/c#14 (LUM)
 1-1/c#6 (GRD)

INPLACE (REMOVE) 45-FOOT MAST ARM
 ONE WAY SIGNAL AND MOUNT-OVERHEAD (OLD 8-2, 5-SECTION)
 ONE WAY SIGNAL AND MOUNT-POLE MOUNTED 90 DEG (OLD 5-2)
 R10-12 SIGN PANEL-OVERHEAD

INPLACE (S & I) ONE WAY EVP DETECTOR AND LIGHT-OVERHEAD AT 6' (Ø8,3)
 TYPE D SIGN PANEL-OVERHEAD AT 28' (D-4)

INSTALL 50-FOOT MAST ARM (WITH MID-MOUNT AT 11' FROM END OF MAST ARM) - FURNISHED BY COUNTY

F & I 1-ONE WAY SIGNAL AND ANGLE MOUNT-OVERHEAD AT 0' (NEW 3-1)
 1-ONE WAY SIGNAL AND STRAIGHT MOUNT-OVERHEAD AT 11' (NEW 8-2)
 1-ONE WAY SIGNAL AND ANGLE MOUNT-POLE MOUNTED 90 DEG (NEW 5-2)
 R10-X12 SIGN PANEL-ADJACENT TO 3-1

③ INPLACE (MAINTAIN INPLACE) PA100 POLE FOUNDATION
 TYPE PA100-A-D40-9 MAST ARM POLE (DAVIT AT 350 DEG)
 LUMINAIRE-LED
 1-ANGLE MOUNT SIGNAL-POLE MOUNTED 180 DEG (4-1)
 2-SETS CD PED SIGNALS (ANGLE MOUNTED) AT 90/180 DEG
 2-PEDESTRIAN PUSH BUTTONS & SIGNS (R10-3e)
 2-R6-1 SIGN PANELS-POLE MOUNTED 0/180 DEG
 EXTENDED INTO H.H.9:
 3" RSC
 2-12/c#14
 1-4/c#14
 1-3/c#14
 1-3/c#20
 2-2/c#14
 1-3/c#14 (LUM)
 1-1/c#6 (GRD)

INPLACE (REMOVE) 45-FOOT MAST ARM
 ONE WAY SIGNAL AND MOUNT-OVERHEAD (OLD 4-2, 5-SECTION)
 ONE WAY SIGNAL AND MOUNT-POLE MOUNTED 90 DEG (OLD 1-2)
 R10-12 SIGN PANEL-OVERHEAD

INPLACE (S & I) ONE WAY EVP DETECTOR AND LIGHT-OVERHEAD AT 6' (Ø4,7)
 TYPE D SIGN PANEL-OVERHEAD AT 28' (D-5)

INSTALL 50-FOOT MAST ARM (WITH MID-MOUNT AT 11' FROM END OF MAST ARM) - FURNISHED BY COUNTY

F & I 1-ONE WAY SIGNAL AND ANGLE MOUNT-OVERHEAD AT 0' (NEW 7-1)
 1-ONE WAY SIGNAL AND STRAIGHT MOUNT-OVERHEAD AT 11' (NEW 4-2)
 1-ONE WAY SIGNAL AND ANGLE MOUNT-POLE MOUNTED 90 DEG (NEW 1-2)
 R10-X12 SIGN PANEL-ADJACENT TO 7-1

② INPLACE (MAINTAIN INPLACE) PA100 POLE FOUNDATION
 TYPE PA100-A-55-D40-9 (DAVIT AT 350 DEG)
 PA100 SWING-AWAY HINGES
 LUMINAIRE-LED
 2-STRAIGHT MOUNT SIGNALS-OVERHEAD AT 11' & 23'
 1-ANGLE MOUNT SIGNAL-POLE MOUNTED 180 DEG (2-1)
 2-SETS CD PED SIGNALS (ANGLE MOUNTED) AT 90/180 DEG
 2-PEDESTRIAN PUSH BUTTONS & SIGNS (R10-3e)
 TYPE D SIGN PANEL-OVERHEAD AT 32'
 ONE WAY EVP DETECTOR AND LIGHT AT 6' (Ø2,5)
 2-R6-1 SIGN PANELS-POLE MOUNTED 0/180 DEG
 EXTENDED INTO H.H.5:
 3" RSC
 3-12/c#14
 1-3/c#14
 1-3/c#20
 2-2/c#14
 1-3/c#14 (LUM)
 1-1/c#6 (GRD)

INPLACE (REMOVE) ONE WAY SIGNAL AND MOUNT-OVERHEAD AT 0' (OLD 5-1)
 ONE WAY SIGNAL AND MOUNT-POLE MOUNTED 90 DEG (OLD 4-3)

F & I 1-ONE WAY SIGNAL AND ANGLE MOUNT-OVERHEAD AT 0' (NEW 5-1)
 1-ONE WAY SIGNAL AND ANGLE MOUNT-POLE MOUNTED 90 DEG (NEW 7-2)
 R10-X12 SIGN PANEL-ADJACENT TO 5-1

④ INPLACE (MAINTAIN INPLACE) PA100 POLE FOUNDATION
 TYPE PA100-A-55-D40-9 (DAVIT AT 350 DEG)
 PA100 SWING-AWAY HINGES
 LUMINAIRE-LED
 2-STRAIGHT MOUNT SIGNALS-OVERHEAD AT 10' & 22'
 1-ANGLE MOUNT SIGNAL-POLE MOUNTED 180 DEG (6-1)
 2-SETS CD PED SIGNALS (ANGLE MOUNTED) AT 90/180 DEG
 2-PEDESTRIAN PUSH BUTTONS & SIGNS (R10-3e)
 TYPE D SIGN PANEL-OVERHEAD AT 30'
 ONE WAY EVP DETECTOR AND LIGHT AT 6' (Ø6,1)
 2-R6-1 SIGN PANELS-POLE MOUNTED 0/180 DEG
 EXTENDED INTO H.H.14:
 3" RSC
 3-12/c#14
 1-3/c#14
 1-3/c#20
 2-2/c#14
 1-3/c#14 (LUM)
 1-1/c#6 (GRD)

INPLACE (REMOVE) ONE WAY SIGNAL AND MOUNT-OVERHEAD AT 0' (OLD 1-1)
 ONE WAY SIGNAL AND MOUNT-POLE MOUNTED 90 DEG (OLD 8-3)

F & I 1-ONE WAY SIGNAL AND ANGLE MOUNT-OVERHEAD AT 0' (NEW 1-1)
 1-ONE WAY SIGNAL AND ANGLE MOUNT-POLE MOUNTED 90 DEG (NEW 3-2)
 R10-X12 SIGN PANEL-ADJACENT TO 1-1

2020FYA-BASE.DWG
 DRAWN BY: JMG
 DESIGNER: JMG
 CHECKED BY: JMG
 DESIGN TEAM

NO.	BY	DATE	REVISIONS

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

John M. Gray
 Name: John M. Gray, PE
 Date: August 21, 2020 Lic. No. 22457

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 3535 VADNAIS CENTER DR.
 ST. PAUL, MN 55110

ANOKA COUNTY
 CITY OF COON RAPIDS

REVISE SIGNAL SYSTEM 'D'
 POLE AND GENERAL NOTES
 CSAH 14 (MAIN STREET) AT FOLEY BOULEVARD

FILE NO.
 ANOKC 153781

25
 55

2020TYA-BASE.DWG

DRAWN BY: JMG
DESIGNER: JMG
CHECKED BY: JMG
DESIGN TEAM

NO.	BY	DATE	REVISIONS

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John M. Gray
Name: John M. Gray, PE
Date: August 21, 2020
Lic. No. 22457

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PHONE: (651) 490-2000
3535 VADNAIS CENTER DR.
ST. PAUL, MN 55110

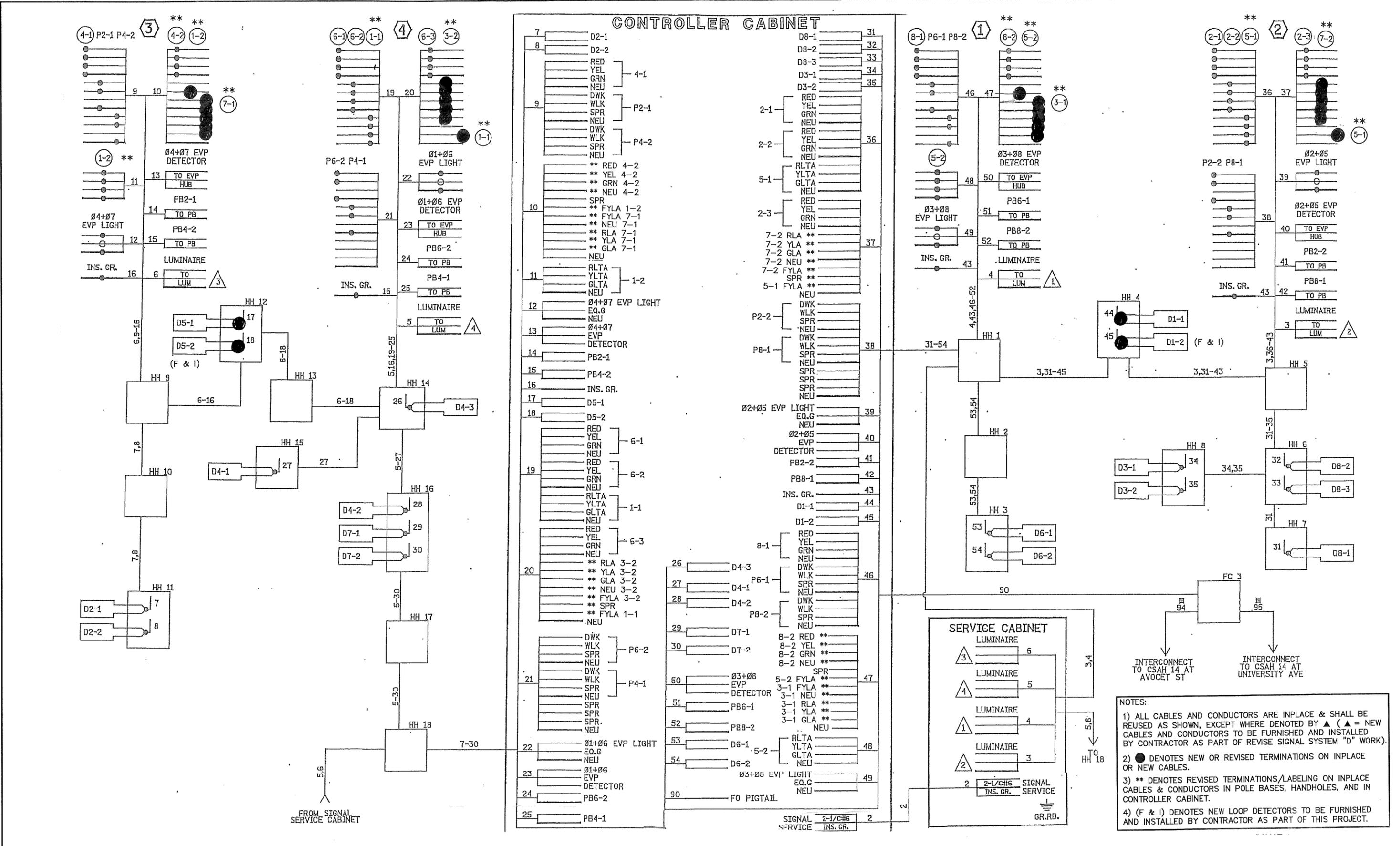
ANOKA COUNTY
CITY OF COON RAPIDS

REVISE SIGNAL SYSTEM 'D'
FIELD WIRING DIAGRAM
CSAH 14 (MAIN STREET) AT FOLEY BOULEVARD

FILE NO.
ANOKC 153781

26
55

STATE AID PROJ. 002-614-050



NOTES:

- 1) ALL CABLES AND CONDUCTORS ARE INPLACE & SHALL BE REUSED AS SHOWN, EXCEPT WHERE DENOTED BY ▲ (▲ = NEW CABLES AND CONDUCTORS TO BE FURNISHED AND INSTALLED BY CONTRACTOR AS PART OF REVISE SIGNAL SYSTEM "D" WORK).
- 2) ● DENOTES NEW OR REVISED TERMINATIONS ON INPLACE OR NEW CABLES.
- 3) ** DENOTES REVISED TERMINATIONS/LABELING ON INPLACE CABLES & CONDUCTORS IN POLE BASES, HANDHOLES, AND IN CONTROLLER CABINET.
- 4) (F & I) DENOTES NEW LOOP DETECTORS TO BE FURNISHED AND INSTALLED BY CONTRACTOR AS PART OF THIS PROJECT.