

H.H.2 TO H.H.3:  
 2" N.M.C.-INPLACE (REMOVE) ("A")  
 1-3/c#20-INPLACE (REMOVE) ("A")  
 2-2/c#14-INPLACE (REMOVE) ("A")

H.H.3 TO H.H.50:  
 2" R.S.C.-INPLACE (REMOVE) ("A")  
 1-3/c#20-INPLACE (REMOVE) ("A")

H.H.3-INP.  
 (REMOVE) ("A")

H.H.2A ("A") TO H.H.51:  
 (\*\*) 2" CONDUIT-F & I  
 (\*\*) 1-8 SM FIBER-OPTIC CABLE  
 (\*) 1-3/c#20-F & I ("A")  
 (\*) 1-3/c#20-F & I ("B")

H.H.51 TO H.H.10 ("B")  
 (\*\*) 2" CONDUIT-F & I  
 (\*\*) 1-8 SM FIBER-OPTIC CABLE  
 (\*) 1-3/c#20-F & I ("A")  
 (\*) 1-3/c#20-F & I ("B")

F & I  
 H.H.51 (\*\*)

H.H.50-INP.  
 (REMOVE) ("A")

Ⓜ INPLACE PEDESTAL FOUNDATION  
 (REMOVE) PEDESTAL POLE AND BASE  
 EXTENDED INTO H.H.50;  
 2" R.S.C.  
 1-3/c#20

Ⓜ INPLACE ONE WAY EVP DETECTOR-  
 (SALVAGE) MOUNTED ON TOP OF POLE

**INTERCONNECT NOTES:**

- 1) IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO UTILIZE THE "ONE CALL EXCAVATION NOTICE SYSTEM" (TELEPHONE NUMBER 651-454-0002) AS REQUIRED BY MINNESOTA STATUTE 2160.
- 2) DISTANCE OFF SHOULDER OR CURB FOR INTERCONNECT CONDUIT SHALL BE 1-2 FEET.
- 3) (\*\*) DENOTES ITEMS TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR UNDER ITEM NO. 2565 (TRAFFIC CONTROL INTERCONNECTION). SEE STATEMENT OF ESTIMATED QUANTITIES AND SPECIAL PROVISIONS.
- 4) NEW HANDHOLES SHALL BE PVC HANDHOLES WITH METAL FRAMES AND COVERS PER MNDOT STANDARD PLATE NO. 8114A.
- 5) ITEMS DENOTED BY "A" ALONE SHALL BE INCLUDED AS PART OF PAY ITEM FOR "REVISE SIGNAL SYSTEM A". SEE SPECIAL PROVISIONS.
- 6) ITEMS DENOTED BY "A" AND (\*) SHALL BE INCLUDED AS PART OF PAY ITEM FOR "REVISE EMERGENCY VEHICLE PREEMPTION SYSTEM A". SEE SPECIAL PROVISIONS.
- 7) ITEMS DENOTED BY "B" AND (\*) SHALL BE INCLUDED AS PART OF PAY ITEM FOR "EMERGENCY VEHICLE PREEMPTION SYSTEM B". SEE SPECIAL PROVISIONS.

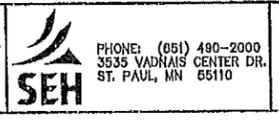
S.P. 002-611-032  
 S.A.P. 114-020-047  
 CITY PROJ. 12-22

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  
 Ltc. No. 22457  
 Date: March 14, 2014



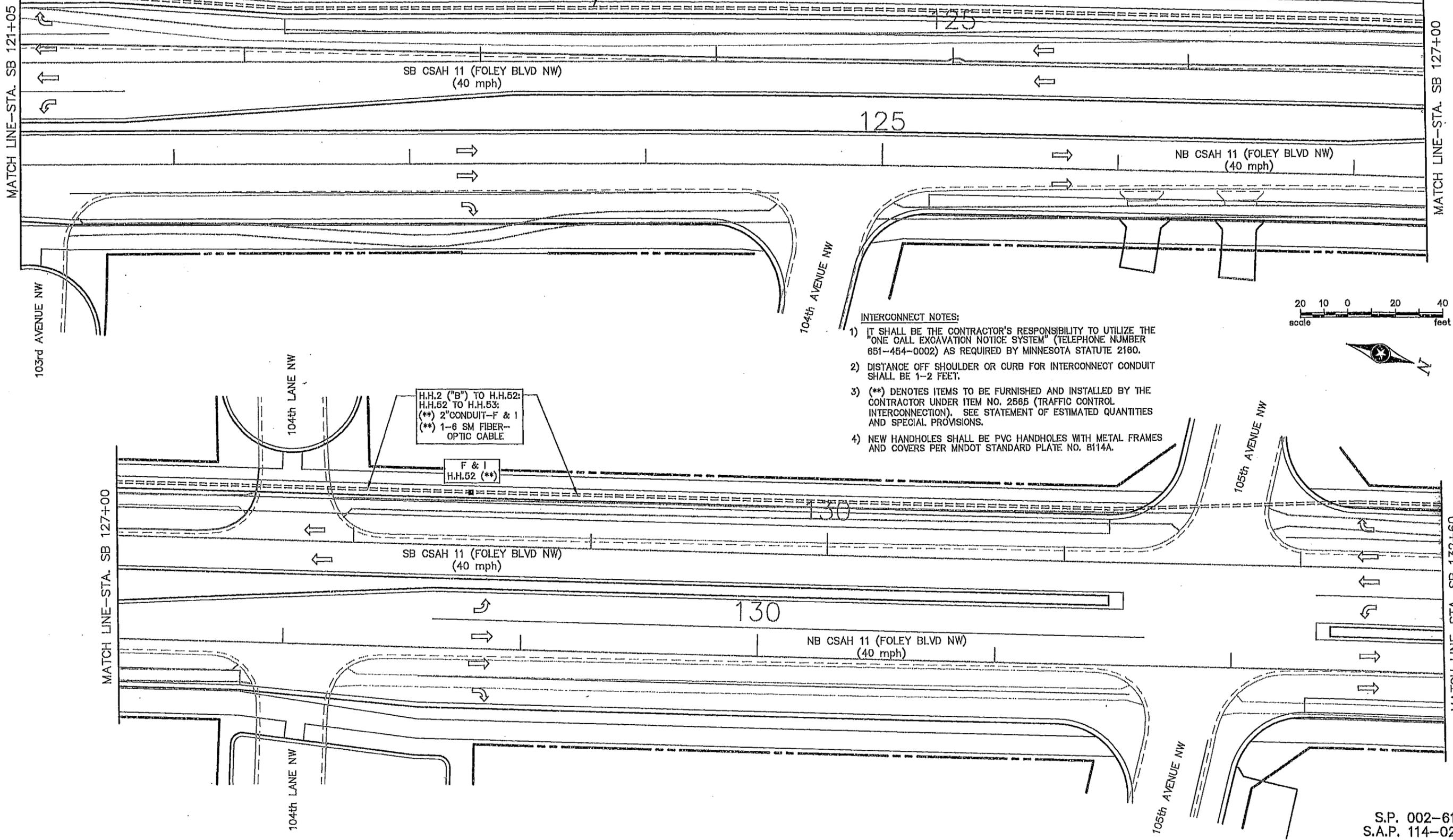
ANOKA COUNTY, MN  
 CITY OF COON RAPIDS

TRAFFIC CONTROL INTERCONNECTION  
 INTERSECTION LAYOUT  
 CSAH 11 (FOLEY BLVD NW)  
 (TH 10 NORTH RAMPS TO 102ND LANE NW)

FILE NO.  
 ANOKC 124472  
 SIGNAL SHEET  
 19 OF 32

124  
 196

H.H.2 ("B") TO H.H.52:  
 H.H.53 TO H.H.54:  
 (\*\*) 2" CONDUIT-F & I  
 (\*\*) 1-8 SM FIBER-OPTIC  
 CABLE

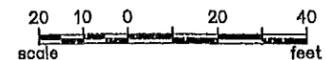


H.H.2 ("B") TO H.H.52:  
 H.H.52 TO H.H.53:  
 (\*\*) 2" CONDUIT-F & I  
 (\*\*) 1-8 SM FIBER-OPTIC  
 CABLE

F & I  
 H.H.52 (\*\*)

**INTERCONNECT NOTES:**

- 1) IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO UTILIZE THE "ONE CALL EXCAVATION NOTICE SYSTEM" (TELEPHONE NUMBER 651-454-0002) AS REQUIRED BY MINNESOTA STATUTE 2180.
- 2) DISTANCE OFF SHOULDER OR CURB FOR INTERCONNECT CONDUIT SHALL BE 1-2 FEET.
- 3) (\*\*) DENOTES ITEMS TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR UNDER ITEM NO. 2585 (TRAFFIC CONTROL INTERCONNECTION). SEE STATEMENT OF ESTIMATED QUANTITIES AND SPECIAL PROVISIONS.
- 4) NEW HANDHOLES SHALL BE PVC HANDHOLES WITH METAL FRAMES AND COVERS PER MNDOT STANDARD PLATE NO. B114A.



S.P. 002-611-032  
 S.A.P. 114-020-047  
 CITY PROJ. 12-22

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 DESIGNER: JMG  
 CHECKED BY: JMG  
 DESIGN TEAM

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 Name: John M. Gray, PE  
 I.L. No. 22457

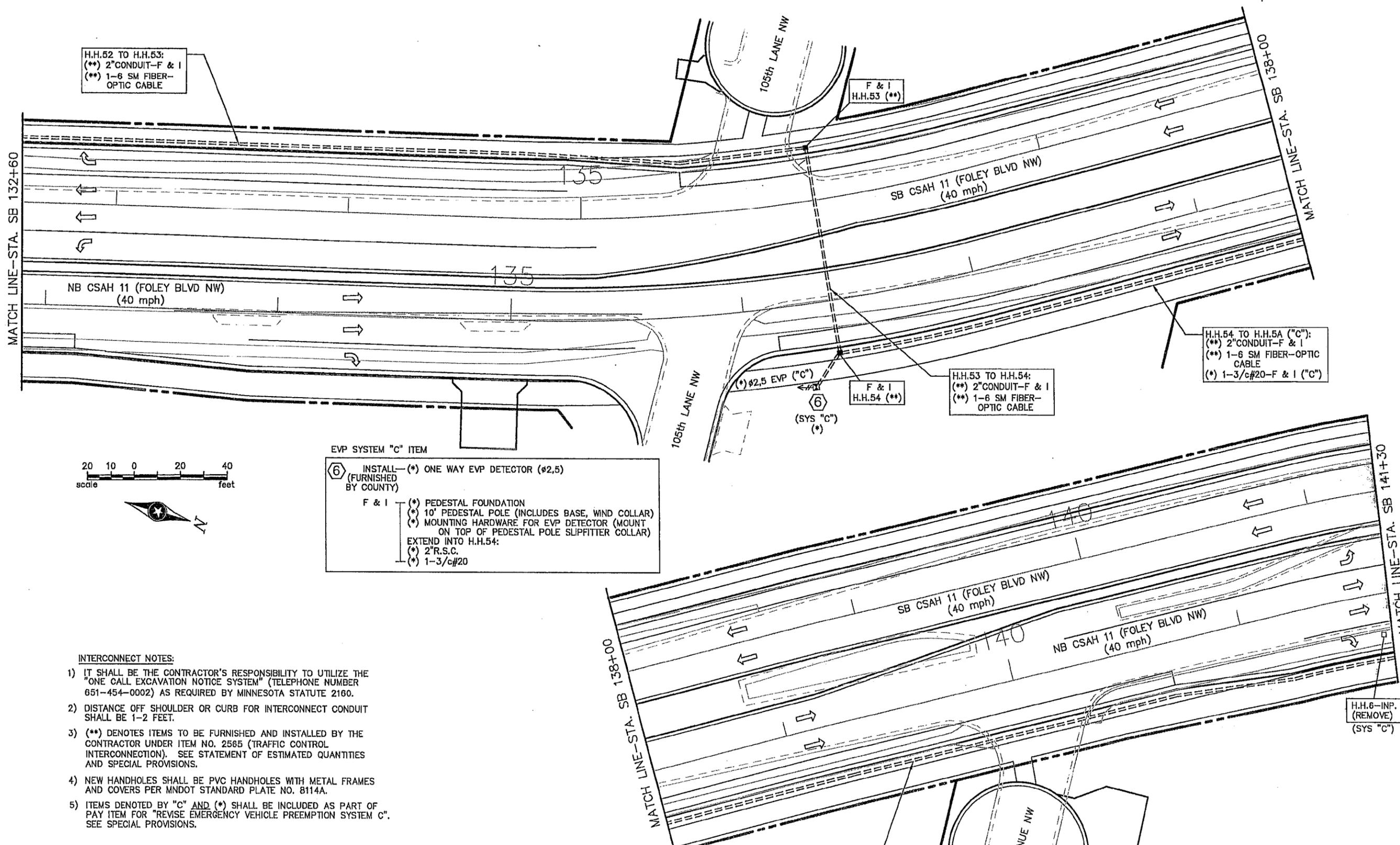
**SEH**  
 PHONE: (651) 490-2000  
 3535 VADNAIS CENTER DR.  
 ST. PAUL, MN 55110

**ANOKA COUNTY, MN**  
**CITY OF COON RAPIDS**

**TRAFFIC CONTROL INTERCONNECTION**  
**INTERSECTION LAYOUT**  
 CSAH 11 (FOLEY BLVD NW)  
 (102ND LANE NW TO EGRET BLVD NW)

FILE NO.  
 ANOKO 124472  
 SIGNAL SHEET  
 22 OF 32

**127**  
**196**



H.H.52 TO H.H.53:  
 (\*\*) 2" CONDUIT-F & I  
 (\*\*) 1-6 SM FIBER-OPTIC CABLE

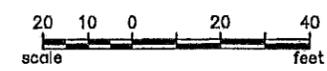
F & I  
 H.H.53 (\*\*)

H.H.54 TO H.H.5A ("C"):  
 (\*\*) 2" CONDUIT-F & I  
 (\*\*) 1-6 SM FIBER-OPTIC CABLE  
 (\*) 1-3/c#20-F & I ("C")

H.H.53 TO H.H.54:  
 (\*\*) 2" CONDUIT-F & I  
 (\*\*) 1-6 SM FIBER-OPTIC CABLE

F & I  
 H.H.54 (\*\*)

(\*) Ø2.5 EVP ("C")  
 (SYS "C")  
 (\*)



EVP SYSTEM "C" ITEM

6 INSTALL- (\*) ONE WAY EVP DETECTOR (Ø2.5)  
 (FURNISHED BY COUNTY)

F & I

- (\*) PEDESTAL FOUNDATION
- (\*) 10' PEDESTAL POLE (INCLUDES BASE, WIND COLLAR)
- (\*) MOUNTING HARDWARE FOR EVP DETECTOR (MOUNT ON TOP OF PEDESTAL POLE SLIPFITTER COLLAR)

EXTEND INTO H.H.54:

- (\*) 2" R.S.C.
- (\*) 1-3/c#20

INTERCONNECT NOTES:

- 1) IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO UTILIZE THE "ONE CALL EXCAVATION NOTICE SYSTEM" (TELEPHONE NUMBER 651-454-0002) AS REQUIRED BY MINNESOTA STATUTE 2160.
- 2) DISTANCE OFF SHOULDER OR CURB FOR INTERCONNECT CONDUIT SHALL BE 1-2 FEET.
- 3) (\*\*) DENOTES ITEMS TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR UNDER ITEM NO. 2585 (TRAFFIC CONTROL INTERCONNECTION). SEE STATEMENT OF ESTIMATED QUANTITIES AND SPECIAL PROVISIONS.
- 4) NEW HANDHOLES SHALL BE PVC HANDHOLES WITH METAL FRAMES AND COVERS PER MNDOT STANDARD PLATE NO. 8114A.
- 5) ITEMS DENOTED BY "C" AND (\*) SHALL BE INCLUDED AS PART OF PAY ITEM FOR "REVISE EMERGENCY VEHICLE PREEMPTION SYSTEM C". SEE SPECIAL PROVISIONS.

H.H.6-INP.  
 (REMOVE)  
 (SYS "C")

H.H.54 TO H.H.5A ("C"):  
 (\*\*) 2" CONDUIT-F & I  
 (\*\*) 1-6 SM FIBER-OPTIC CABLE  
 (\*) 1-3/c#20-F & I ("C")

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TRAFFIC CONTROL INTERCONNECTION  
 INTERSECTION LAYOUT  
 CSAH 11 (FOLEY BLVD NW)  
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 SIGNAL SHEET  
 23 OF 32

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