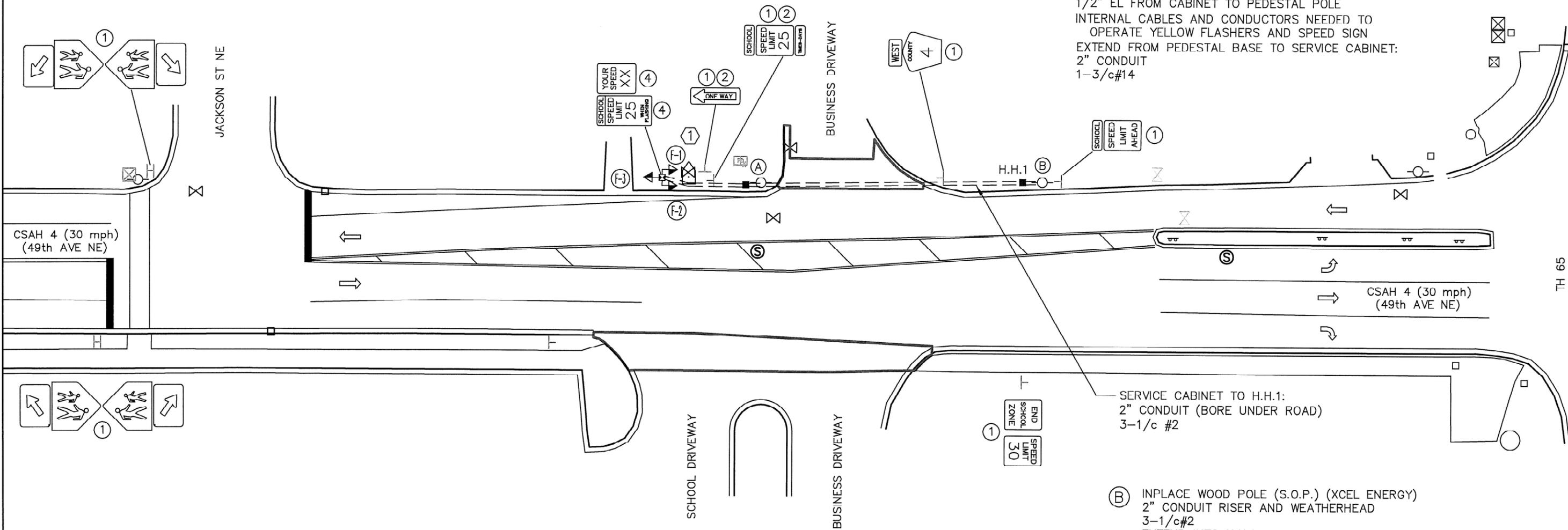
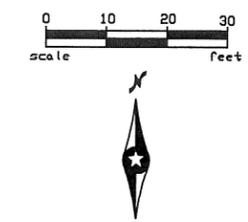


FLASHING BEACON SYSTEM "B" NOTES:

- 1) SEE SPECIAL PROVISIONS AND DETAILS FOR FURTHER INFORMATION REGARDING FLASHING BEACON SYSTEM INSTALLATION.
- 2) FLASHER/SIGN SYSTEM SHALL BE TIME OF DAY ACTUATED.
- 3) LOCATION OF FOUNDATIONS AND HANDHOLE SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- 4) SEE DETAILS FOR FURTHER INFORMATION REGARDING SIGN AND POST REMOVAL AND INSTALLATION WORK TO BE COMPLETED BY CONTRACTOR AS PART OF ENTIRE PROJECT.
- 5) ALL YELLOW FLASHERS SHALL BE LED.
- 6) SEE DETAILS FOR FURTHER INFORMATION REGARDING MOUNTING OF ALL FLASHER POLE MATERIALS AND ELECTRICAL EQUIPMENT.
- 7) HANDHOLE SHALL BE PVC HANDHOLE WITH METAL FRAME AND COVER PER DETAILS INCLUDED IN THE SPECIAL PROVISIONS.
- 8) CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONTACT WITH POWER COMPANY (XCEL ENERGY) FOR POWER CONNECTION.
- 9) ALL NEW CONDUIT SHALL BE PVC-SCHEDULE 80 OR HDPE SCHEDULE 80 AND SHALL CARRY 1/C#6 GREEN INSULATING GROUNDING CONDUCTOR.

(A) GROUND MOUNTED SERVICE CABINET
 CABINET CONCRETE FOUNDATION
 EXTEND TO FLASHER POLE 1:
 2" CONDUIT (SEE POLE 1 NOTES)
 EXTEND INTO H.H.1:
 2" CONDUIT (BORE UNDER DRIVEWAY)
 3-1/c#2

(1) MODIFIED PEDESTAL FOUNDATION (60" DEPTH, WITH 5/8" x 15' GROUND ROD)
 14' PEDESTAL POLE AND BASE
 WIND COLLAR FOR PEDESTAL POLE
 2-12" LED YELLOW FLASHERS WITH VISORS, BRACKETING, AND SLIPFITTER COLLAR (FACING WESTBOUND TRAFFIC)
 1-12" LED YELLOW FLASHER WITH VISOR (MOUNT ATOP SLIPFITTER COLLAR) (FACING EASTBOUND TRAFFIC)
 DYNAMIC SPEED DISPLAY SIGN (YOUR SPEED XX)-(30"x41")-POLE MOUNTED
 S5-1 (SCHOOL-SPEED LIMIT 25-WHEN FLASHING) SIGN PANEL (24"x48")-POLE MOUNTED
 DISPLAY DISCONNECT CABINET-MOUNTED ON BACK OF RADAR SPEED SIGN
 1/2" FLEXIBLE CONDUIT FROM CABINET TO BOTTOM OF RADAR SPEED SIGN
 1/2" EL FROM CABINET TO PEDESTAL POLE
 INTERNAL CABLES AND CONDUCTORS NEEDED TO OPERATE YELLOW FLASHERS AND SPEED SIGN
 EXTEND FROM PEDESTAL BASE TO SERVICE CABINET:
 2" CONDUIT
 1-3/c#14



—SERVICE CABINET TO H.H.1:
 2" CONDUIT (BORE UNDER ROAD)
 3-1/c #2

(B) INPLACE WOOD POLE (S.O.P.) (XCEL ENERGY)
 2" CONDUIT RISER AND WEATHERHEAD
 3-1/c#2
 EXTEND INTO H.H.1:
 2" CONDUIT
 3-1/c#2

- SIGNING NOTES:
- (1) INPLACE
 - (2) SALVAGE
 - (3) INSTALL
 - (4) FURNISH & INSTALL

S.A.P. 002-604-009

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.
 Name: John M. Gray, PE
 Lic. No. 22457
 Date: November 5, 2018

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

ANOKA COUNTY, MN
 CITY OF COLUMBIA HEIGHTS

FLASHING BEACON SYSTEM "B"
 INTERSECTION LAYOUT
 CSAH 4 (49TH AVENUE NE)
 (EAST OF JACKSON ST NE)

FILE NO. ANOKC 148414	6
DATE 11/05/2018	6