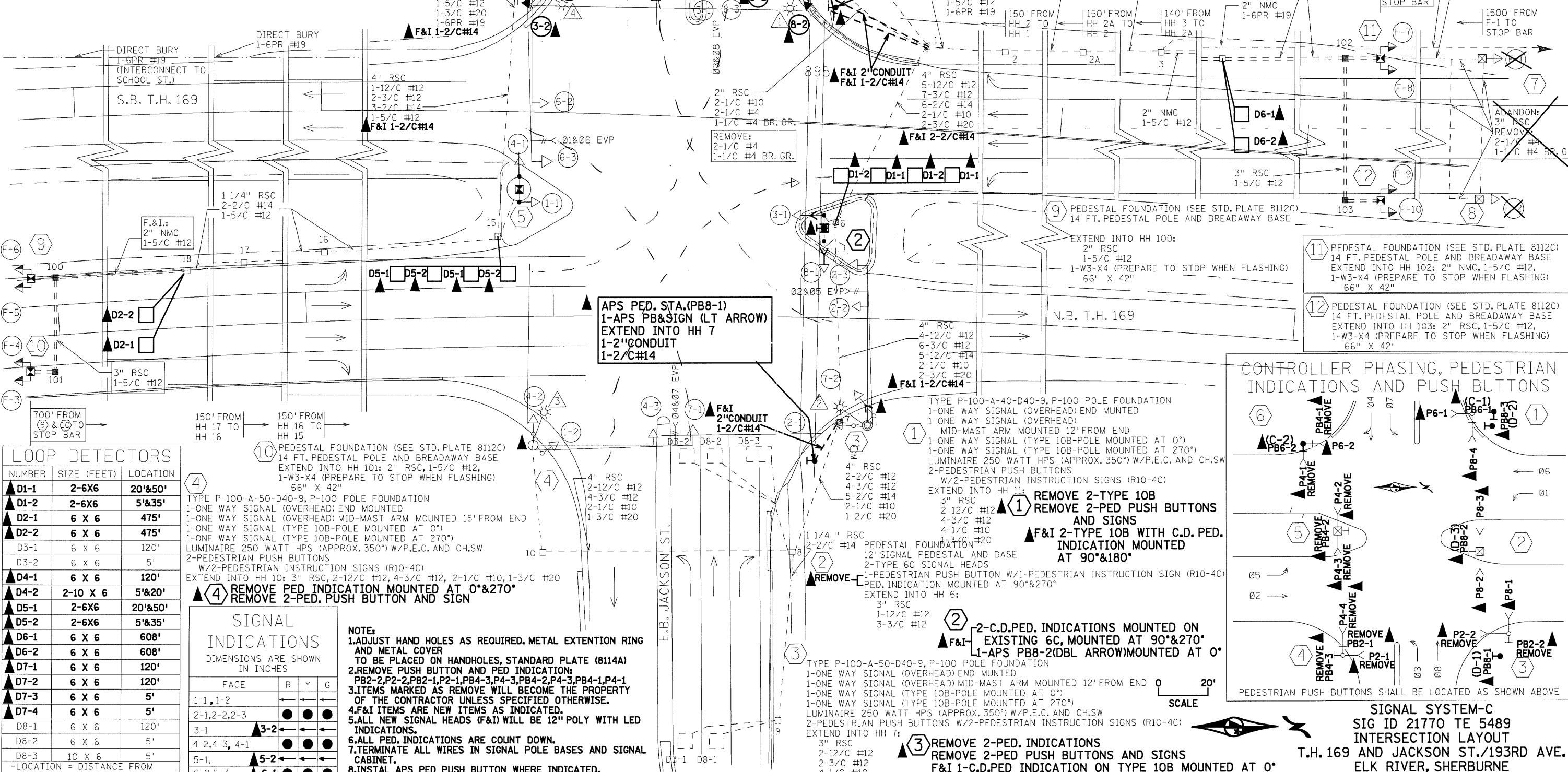


1-ONE WAY SIGNAL (OVERHEAD) END MOUNTED
 1-ONE WAY SIGNAL (OVERHEAD) MID-MAST ARM MOUNTED 12' FROM END
 1-ONE WAY SIGNAL (TYPE 10B-POLE MOUNTED AT 0°)
 1-ONE WAY SIGNAL (TYPE 10B-POLE MOUNTED AT 270°)
 LUMINAIRE 250 WATT HPS (APPROX. 350°) W/P.E.C. AND CH.SW
 2-PEDESTRIAN PUSH BUTTONS W/2-PEDESTRIAN INSTRUCTION SIGNS (R10-4C)
 EXTEND INTO HH 14: 3" RSC, 2-12/C #12, 3-3/C #12, 2-1/C #10, 1-3/C #20
REMOVE 2-TYPE 10B
REMOVE 2-PED PUSH BUTTONS AND SIGNS
F&I 1-TYPE 10B MOUNTED AT 180° WITH C.D.PED IND.
F&I 1-TYPE 10A MOUNTED AT 90°
F&I 1-APS PB AND SIGN (RT ARROW-PB6-2) AT 0°

PEDESTAL FOUNDATION
 12' SIGNAL PEDESTAL AND BASE
 2-TYPE 6C SIGNAL HEADS
REMOVE 1-PEDESTRIAN PUSH BUTTON W/1-PEDESTRIAN INSTRUCTION SIGN (R10-4C)
 EXTEND INTO HH 15: 3" RSC, 1-12/C #12, 2-3/C #12
REMOVE PED INDICATIONS MOUNTED AT 90°&270°



NUMBER	SIZE (FEET)	LOCATION
▲D1-1	2-6X6	20'x50'
▲D1-2	2-6X6	5'x35'
▲D2-1	6 X 6	475'
▲D2-2	6 X 6	475'
D3-1	6 X 6	120'
D3-2	6 X 6	5'
▲D4-1	6 X 6	120'
▲D4-2	2-10 X 6	5'x20'
▲D5-1	2-6X6	20'x50'
▲D5-2	2-6X6	5'x35'
▲D6-1	6 X 6	608'
▲D6-2	6 X 6	608'
▲D7-1	6 X 6	120'
▲D7-2	6 X 6	120'
▲D7-3	6 X 6	5'
▲D7-4	6 X 6	5'
D8-1	6 X 6	120'
D8-2	6 X 6	5'
D8-3	10 X 6	5'

-LOCATION = DISTANCE FROM CROSS WALK OR STOP BAR
 -ALL LOOP DETECTORS SHALL BE INSTALLED IN NMC UNLESS OTHERWISE INDICATED

10 PEDESTAL FOUNDATION (SEE STD. PLATE 8112C)
 14 FT. PEDESTAL POLE AND BREADAWAY BASE
 EXTEND INTO HH 101: 2" RSC, 1-5/C #12,
 1-W3-X4 (PREPARE TO STOP WHEN FLASHING)
 66" X 42"
 TYPE P-100-A-50-D40-9, P-100 POLE FOUNDATION
 1-ONE WAY SIGNAL (OVERHEAD) END MOUNTED
 1-ONE WAY SIGNAL (OVERHEAD) MID-MAST ARM MOUNTED 15' FROM END
 1-ONE WAY SIGNAL (TYPE 10B-POLE MOUNTED AT 0°)
 1-ONE WAY SIGNAL (TYPE 10B-POLE MOUNTED AT 270°)
 LUMINAIRE 250 WATT HPS (APPROX. 350°) W/P.E.C. AND CH.SW
 2-PEDESTRIAN PUSH BUTTONS
 W/2-PEDESTRIAN INSTRUCTION SIGNS (R10-4C)
 EXTEND INTO HH 10: 3" RSC, 2-12/C #12, 4-3/C #12, 2-1/C #10, 1-3/C #20
REMOVE PED INDICATION MOUNTED AT 0°&270°
REMOVE 2-PED. PUSH BUTTON AND SIGN

SIGNAL INDICATIONS
 DIMENSIONS ARE SHOWN IN INCHES

FACE	R	Y	G
1-1, 1-2	●	●	●
2-1, 2-2, 2-3	●	●	●
3-1	▲	●	●
4-2, 4-3, 4-1	●	●	●
5-1	▲	●	●
6-2, 6-3	▲	●	●
7-1, 7-2	●	●	●
8-1, 8-3, 8-4	▲	●	●

NOTE:
 1. ADJUST HAND HOLES AS REQUIRED. METAL EXTENSION RING AND METAL COVER TO BE PLACED ON HANDHOLES, STANDARD PLATE (8114A)
 2. REMOVE PUSH BUTTON AND PED INDICATION: PB2-2, P2-2, PB2-1, P2-1, PB4-3, P4-3, PB4-2, P4-2, PB4-1, P4-1
 3. ITEMS MARKED AS REMOVE WILL BECOME THE PROPERTY OF THE CONTRACTOR UNLESS SPECIFIED OTHERWISE.
 4. F&I ITEMS ARE NEW ITEMS AS INDICATED.
 5. ALL NEW SIGNAL HEADS (F&I) WILL BE 12" POLY WITH LED INDICATIONS.
 6. ALL PED. INDICATIONS ARE COUNT DOWN.
 7. TERMINATE ALL WIRES IN SIGNAL POLE BASES AND SIGNAL CABINET.
 8. INSTAL APS PED PUSH BUTTON WHERE INDICATED.
 9. SEAL PUSHBUTTON HOLES AND CAP SIGNAL INDICATION OPENINGS ON POLE.
 10. ALL F&I PARTS SHALL BE PAINTED BLACK.
 11. WIRE CABINET FOR NEW LOOP WIRES.

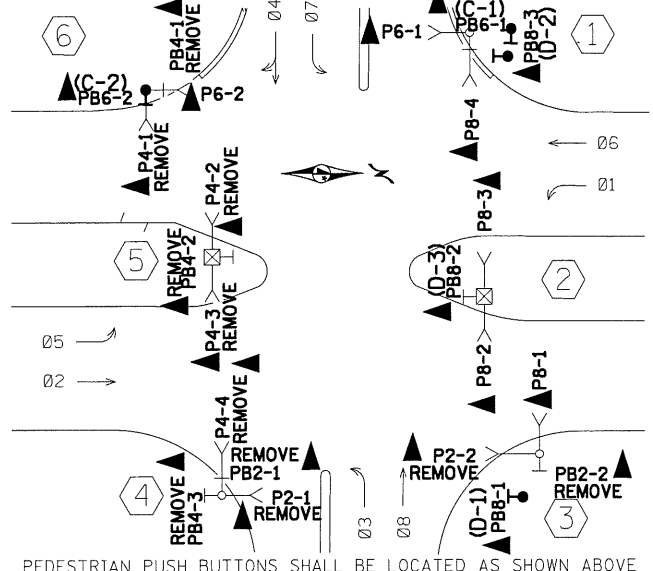
CERTIFIED BY _____ LIC. NO. 22762
 LICENSED PROFESSIONAL ENGINEER

FILE NAME: Projects/D3_BAX/169/7106/082/Traffic/Signals/T710682_SIG11.DGN 12-JAN-2012
 STATE PROJ. NO. 7106-82 (T.H. 169) SHEET NO. 24 OF 29 SHEETS

REVISED AT MN/DOT BY MK-K 2011

▲ DENOTES REVISE SIGNAL SYSTEM PAY ITEM WORK. ALL OTHER ITEMS SHOWN ARE INPLACE.

CONTROLLER PHASING, PEDESTRIAN INDICATIONS AND PUSH BUTTONS



SIGNAL SYSTEM-C
 SIG ID 21770 TE 5489
 INTERSECTION LAYOUT
 T.H. 169 AND JACKSON ST./193RD AVE.
 ELK RIVER, SHERBURNE