SIGNAL HEAD CHART

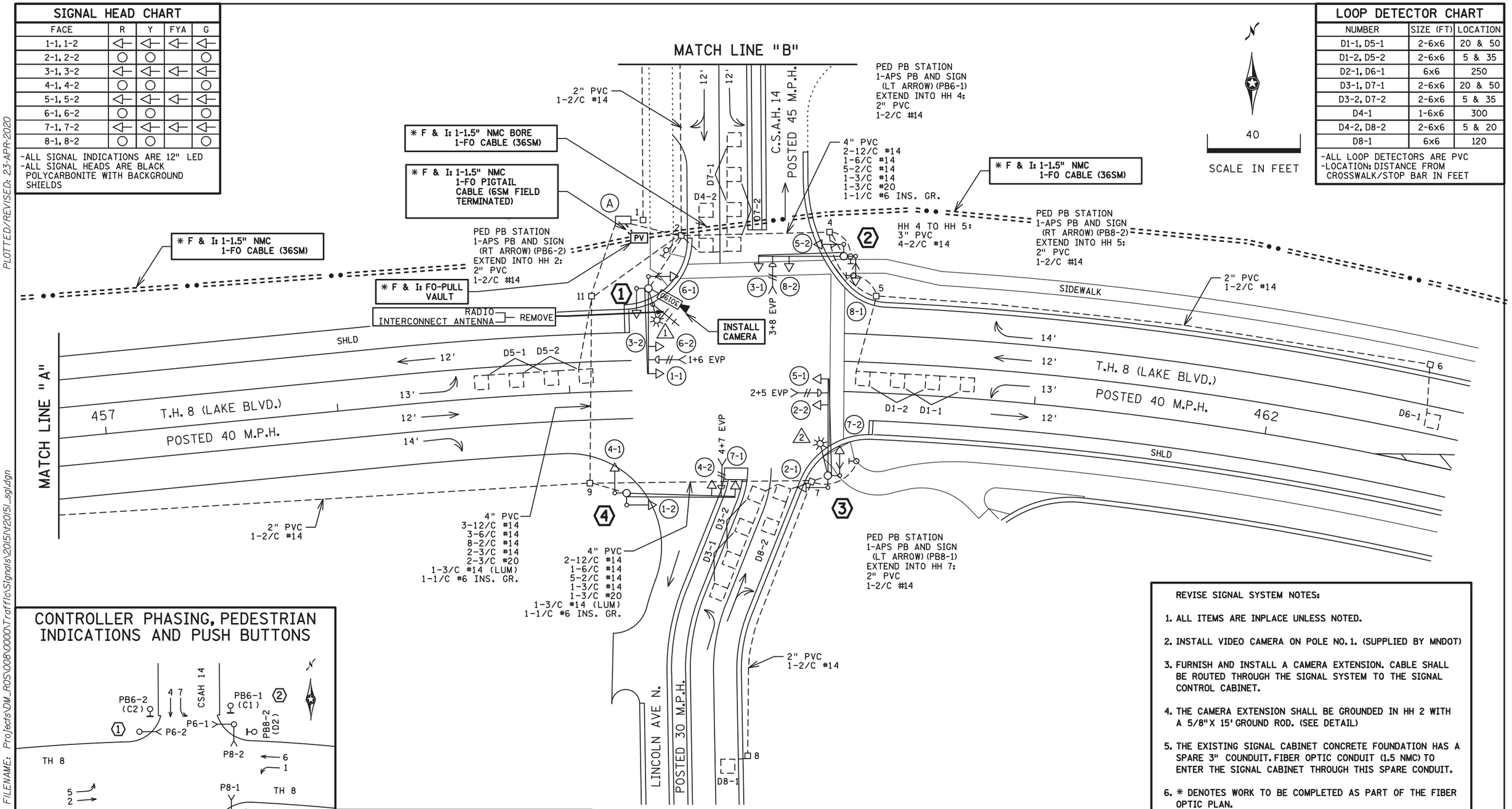
FACE	R	Y	FYA	G
1-1, 1-2	◁	◁	◁	◁
2-1, 2-2	○	○		○
3-1, 3-2	◁	◁	◁	◁
4-1, 4-2	○	○		○
5-1, 5-2	◁	◁	◁	◁
6-1, 6-2	○	○		○
7-1, 7-2	◁	◁	◁	◁
8-1, 8-2	○	○		○

-ALL SIGNAL INDICATIONS ARE 12" LED
-ALL SIGNAL HEADS ARE BLACK POLYCARBONITE WITH BACKGROUND SHIELDS

LOOP DETECTOR CHART

NUMBER	SIZE (FT)	LOCATION
D1-1, D5-1	2-6x6	20 & 50
D1-2, D5-2	2-6x6	5 & 35
D2-1, D6-1	6x6	250
D3-1, D7-1	2-6x6	20 & 50
D3-2, D7-2	2-6x6	5 & 35
D4-1	1-6x6	300
D4-2, D8-2	2-6x6	5 & 20
D8-1	6x6	120

-ALL LOOP DETECTORS ARE PVC
-LOCATION: DISTANCE FROM CROSSWALK/STOP BAR IN FEET



CONTROLLER PHASING, PEDESTRIAN INDICATIONS AND PUSH BUTTONS

SIGNAL SYSTEM OPERATION

- THE SIGNAL SYSTEM FLASH MODE IS ALL RED.
- NORMAL OPERATION IS 8 PHASE, WITH PHASES 1, 3, 5, AND 7 BEING FLASHING YELLOW ARROWS BY TIME OF DAY.
- PHASES 2 AND 6 SHALL BE ON VEHICLE RECALL.

REVISE SIGNAL SYSTEM NOTES:

1. ALL ITEMS ARE INPLACE UNLESS NOTED.
2. INSTALL VIDEO CAMERA ON POLE NO. 1. (SUPPLIED BY MNDOT)
3. FURNISH AND INSTALL A CAMERA EXTENSION. CABLE SHALL BE ROUTED THROUGH THE SIGNAL SYSTEM TO THE SIGNAL CONTROL CABINET.
4. THE CAMERA EXTENSION SHALL BE GROUNDED IN HH 2 WITH A 5/8"X 15' GROUND ROD. (SEE DETAIL)
5. THE EXISTING SIGNAL CABINET CONCRETE FOUNDATION HAS A SPARE 3" COUNDUIT. FIBER OPTIC CONDUIT (1.5 NMC) TO ENTER THE SIGNAL CABINET THROUGH THIS SPARE CONDUIT.
6. * DENOTES WORK TO BE COMPLETED AS PART OF THE FIBER OPTIC PLAN.

BY	DATE	REVISIONS

SYSTEM ID: 1735004
METER ADDRESS: 12290 LAKE BLVD. N.
MASTER ID: 20151 T.E.

INTERSECTION LAYOUT
REVISE SIGNAL SYSTEM G
T.H. 8 (LAKE BLVD.) AT
C.S.A.H. 14 (LINCOLN AVE. N.)
IN LINDSTROM, CHISAGO COUNTY

S.A.P. NO. | DRAWN BY: BAM | CKD BY: GAK | DATE: 4-9-20

CERTIFIED BY Gregory Kun LICENSED PROFESSIONAL ENGINEER LIC. NO. 26829 DATE: 4/9/20

STATE PROJ. NO. 1301-126 (T.H.8) SHEET NO. SS25 OF SS42 SHEETS

DISTRICT *: Metro
PLOT NAME: SS25_LAYOUT 2015I
PATH & FILENAME: Projects\DM_ROS\008\0000\Traffic\Signals\2015\N2015I_sgl.dgn
PLOTTED/REVISED: 23-APR-2020

PLOTTED/REVISED: 23-APR-2020

DISTRICT #: Metro
IPLOT NAME: SS26_NOTES 2015I
PATH & FILENAME: Projects\DM_ROS\008\0000\Traffic\Signals\2015\N2015I_sgl.dgn

1 EB STA 459+34.80, 43.76' LT
PA90 POLE FOUNDATION
TYPE PA90-A-35-D40-9 (DAVIT AT 350 DEG)

REMOVE — D40-9 (DAVIT AT 350 DEG)
REMOVE — 1-X6-350/CAM 400 EXTENSION (MOUNTED AT 350 DEG)
F&I — (INCLUDING LIGHTNING ROD)
INSTALL — 7/16 GROUND BRAID
INSTALL — 1-VIDEO CAMERA WITH MOUNT (30190)

2-SWING AWAY HINGES
1-ANGLE MOUNT SIGNAL OVERHEAD AT 0'
1-STRAIGHT MOUNT SIGNAL OVERHEAD AT 11'
2-ANGLE MOUNT SIGNALS AT 90 AND 180 DEG
1-ANGLE MOUNT C.D. PED HEAD AT 180 DEG
ONE-WAY EVP DETECTOR AND
CONFIRMATORY LIGHT (PHASES 1+6)

S&I — LUMINAIRE-250W HPS
REMOVE — RADIO INTERCONNECT ANTENNA ON LUMINAIRE ARM

1-R10-X12 SIGN ADJACENT TO HEAD 1-1
2-TYPE D SIGNS (SEE DETAIL)
1-R9-3 SIGN (NO PED) FACING POLE 4
3" PVC TO HH 2:
2-12/C #14
1-6/C #14
1-3/C #14
1-3/C #20
1-3/C #14 (LUM)
1-1/C #6 INS. GR.

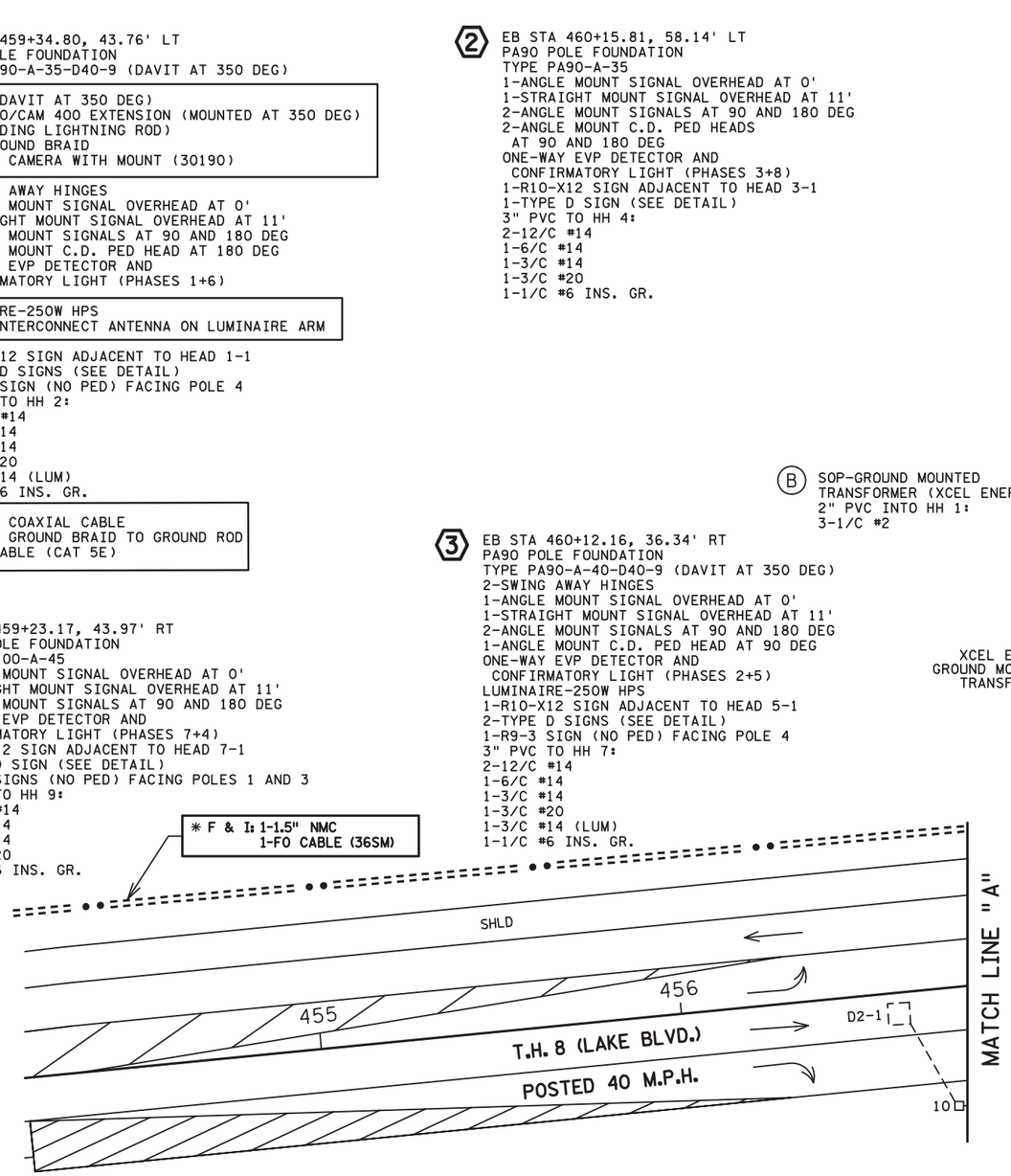
REMOVE — 1-RADIO COAXIAL CABLE
F&I — 1-7/16" GROUND BRAID TO GROUND ROD
F&I — 1-COM CABLE (CAT 5E)

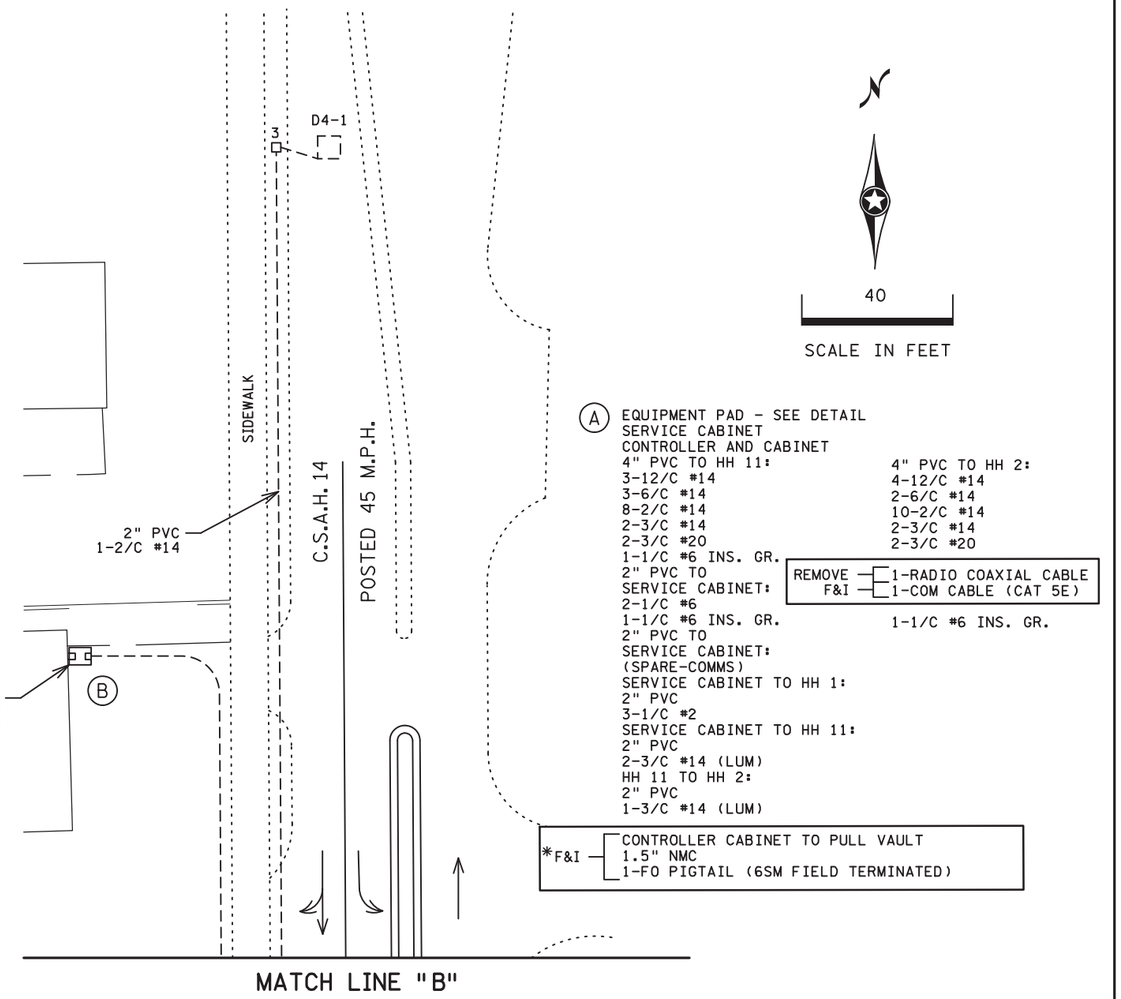
4 EB STA 459+23.17, 43.97' RT
PA100 POLE FOUNDATION
TYPE PA100-A-45
1-ANGLE MOUNT SIGNAL OVERHEAD AT 0'
1-STRAIGHT MOUNT SIGNAL OVERHEAD AT 11'
2-ANGLE MOUNT SIGNALS AT 90 AND 180 DEG
ONE-WAY EVP DETECTOR AND
CONFIRMATORY LIGHT (PHASES 7+4)
1-R10-X12 SIGN ADJACENT TO HEAD 7-1
1-TYPE D SIGN (SEE DETAIL)
2-R9-3 SIGNS (NO PED) FACING POLES 1 AND 3
3" PVC TO HH 9:
1-12/C #14
2-6/C #14
1-3/C #14
1-3/C #20
1-1/C #6 INS. GR.

2 EB STA 460+15.81, 58.14' LT
PA90 POLE FOUNDATION
TYPE PA90-A-35
1-ANGLE MOUNT SIGNAL OVERHEAD AT 0'
1-STRAIGHT MOUNT SIGNAL OVERHEAD AT 11'
2-ANGLE MOUNT SIGNALS AT 90 AND 180 DEG
2-ANGLE MOUNT C.D. PED HEADS
AT 90 AND 180 DEG
ONE-WAY EVP DETECTOR AND
CONFIRMATORY LIGHT (PHASES 3+8)
1-R10-X12 SIGN ADJACENT TO HEAD 3-1
1-TYPE D SIGN (SEE DETAIL)
3" PVC TO HH 4:
2-12/C #14
1-6/C #14
1-3/C #14
1-3/C #20
1-1/C #6 INS. GR.

Ⓑ SOP-GROUND MOUNTED
TRANSFORMER (XCEL ENERGY)
2" PVC INTO HH 1:
3-1/C #2

3 EB STA 460+12.16, 36.34' RT
PA90 POLE FOUNDATION
TYPE PA90-A-40-D40-9 (DAVIT AT 350 DEG)
2-SWING AWAY HINGES
1-ANGLE MOUNT SIGNAL OVERHEAD AT 0'
1-STRAIGHT MOUNT SIGNAL OVERHEAD AT 11'
2-ANGLE MOUNT SIGNALS AT 90 AND 180 DEG
1-ANGLE MOUNT C.D. PED HEAD AT 90 DEG
ONE-WAY EVP DETECTOR AND
CONFIRMATORY LIGHT (PHASES 2+5)
LUMINAIRE-250W HPS
1-R10-X12 SIGN ADJACENT TO HEAD 5-1
2-TYPE D SIGNS (SEE DETAIL)
1-R9-3 SIGN (NO PED) FACING POLE 4
3" PVC TO HH 7:
2-12/C #14
1-6/C #14
1-3/C #14
1-3/C #20
1-3/C #14 (LUM)
1-1/C #6 INS. GR.





Ⓐ EQUIPMENT PAD - SEE DETAIL
SERVICE CABINET
CONTROLLER AND CABINET
4" PVC TO HH 11:
3-12/C #14
3-6/C #14
8-2/C #14
2-3/C #14
2-3/C #20
1-1/C #6 INS. GR.
2" PVC TO
SERVICE CABINET:
2-1/C #6
1-1/C #6 INS. GR.
2" PVC TO
SERVICE CABINET:
(SPARE-COMMS)
SERVICE CABINET TO HH 1:
2" PVC
3-1/C #2
SERVICE CABINET TO HH 11:
2" PVC
2-3/C #14 (LUM)
HH 11 TO HH 2:
2" PVC
1-3/C #14 (LUM)

4" PVC TO HH 2:
4-12/C #14
2-6/C #14
10-2/C #14
2-3/C #14
2-3/C #20

REMOVE — 1-RADIO COAXIAL CABLE
F&I — 1-COM CABLE (CAT 5E)

1-1/C #6 INS. GR.

*F&I — CONTROLLER CABINET TO PULL VAULT
1.5" NMC
1-FO PIGTAIL (6SM FIELD TERMINATED)

REVISE SIGNAL SYSTEM NOTES:

1. ALL ITEMS ARE INPLACE UNLESS NOTED.
2. INSTALL VIDEO CAMERA ON POLE NO. 1. (SUPPLIED BY MNDOT)
3. FURNISH AND INSTALL A CAMERA EXTENSION. CABLE SHALL BE ROUTED THROUGH THE SIGNAL SYSTEM TO THE SIGNAL CONTROL CABINET.
4. THE CAMERA EXTENSION SHALL BE GROUNDED IN HH 2 WITH A 5/8"X 15' GROUND ROD. (SEE DETAIL)
5. THE EXISTING SIGNAL CABINET CONCRETE FOUNDATION HAS A SPARE 3" COUNDUIT. FIBER OPTIC CONDUIT (1.5 NMC) TO ENTER THE SIGNAL CABINET THROUGH THIS SPARE CONDUIT.
6. * DENOTES WORK TO BE COMPLETED AS PART OF THE FIBER OPTIC PLAN.

BY	DATE	REVISIONS

SYSTEM ID: 1735004
METER ADDRESS: 12290 LAKE BLVD. N.
MASTER ID: 20151 T.E.

MATCH LINES LAYOUT
REVISE SIGNAL SYSTEM G
T.H. 8 (LAKE BLVD.) AT
C.S.A.H. 14 (LINCOLN AVE. N.)
IN LINDSTROM, CHISAGO COUNTY

S.A.P. NO. | DRAWN BY: BAM | CKD BY: GAK | DATE: 4-9-20

CERTIFIED BY Gregory Kern LICENSED PROFESSIONAL ENGINEER LIC. NO. 26829 DATE: 4/9/20

STATE PROJ. NO. 1301-126 (T.H.8) SHEET NO. SS26 OF SS42 SHEETS

DISTRICT *: Metro
PLOT NAME: WIRE 2015I
PATH & FILENAME: Projects\DM_ROS\008\0000\Traffic\Signals\2015\N2015I_sgl.dgn
PLOTTED/REVISED: 13-APR-2020

CONTROLLER CABINET

NOTES:
1. LUMINAIRES ARE METERED.
2. SIGNAL SYSTEM INCLUDES BATTERY- BACKUP SERVICE CABINET (NO BATTERIES).

▲ DENOTES REVISE SIGNAL SYSTEM PAY ITEM WORK. ALL OTHER ITEMS SHOWN ARE INPLACE.
✳ DENOTES WORK TO BE COMPLETED AS PART OF THE FIBER OPTIC PLAN.

CONDUCTOR COLOR CODE (14 GAUGE)

TO SIGNAL CABINET | BASE OF POLE OR PEDESTAL | TO DEVICE

1/C#6 G				
6PR#19	6/C#14	R O BL WH BLK/R BLK	6/C#14 CABLE	R O BL WH BLK/R BLK — RED YEL GRN NEU YLTA GLTA — 4 & 5 SECTION SIGNAL INDICATION
COXIAL CABLE				
	4/C#14	R BLK/R BLK WH		
3-1/C#2 R WH BLK				INPUT POWER
3-1/C#6 BLK WH G				SIGNAL SERVICE
12/C#14 R O BL WH R/BLK O/BLK BL/BLK WH/BLK BLK BLK/WH BLK/R WH/R	4/C#18	R BLK WH G	4/C#14 CABLE BLK R/BLK BLK WH	RED/DWK YEL/WLK GRN/SPR NEU — 3 SECTION & PED INDICATION
	3/C#14	BLK G WH	3/C#14 CABLE BLK G WH	EVP LIGHT LUM/FLASHER
	2/C#14	BLK WH OR CLR		
	3/C#20	R OR O WH OR YEL BLK OR BL	2/C#14 CABLE BLK WH OR CLR	PED PUSH BUTTON (If Required)

NOTE:
ALL POLE CONNECTIONS SHALL BE ARRANGED AS SPECIFIED ABOVE.

BY	DATE	REVISIONS

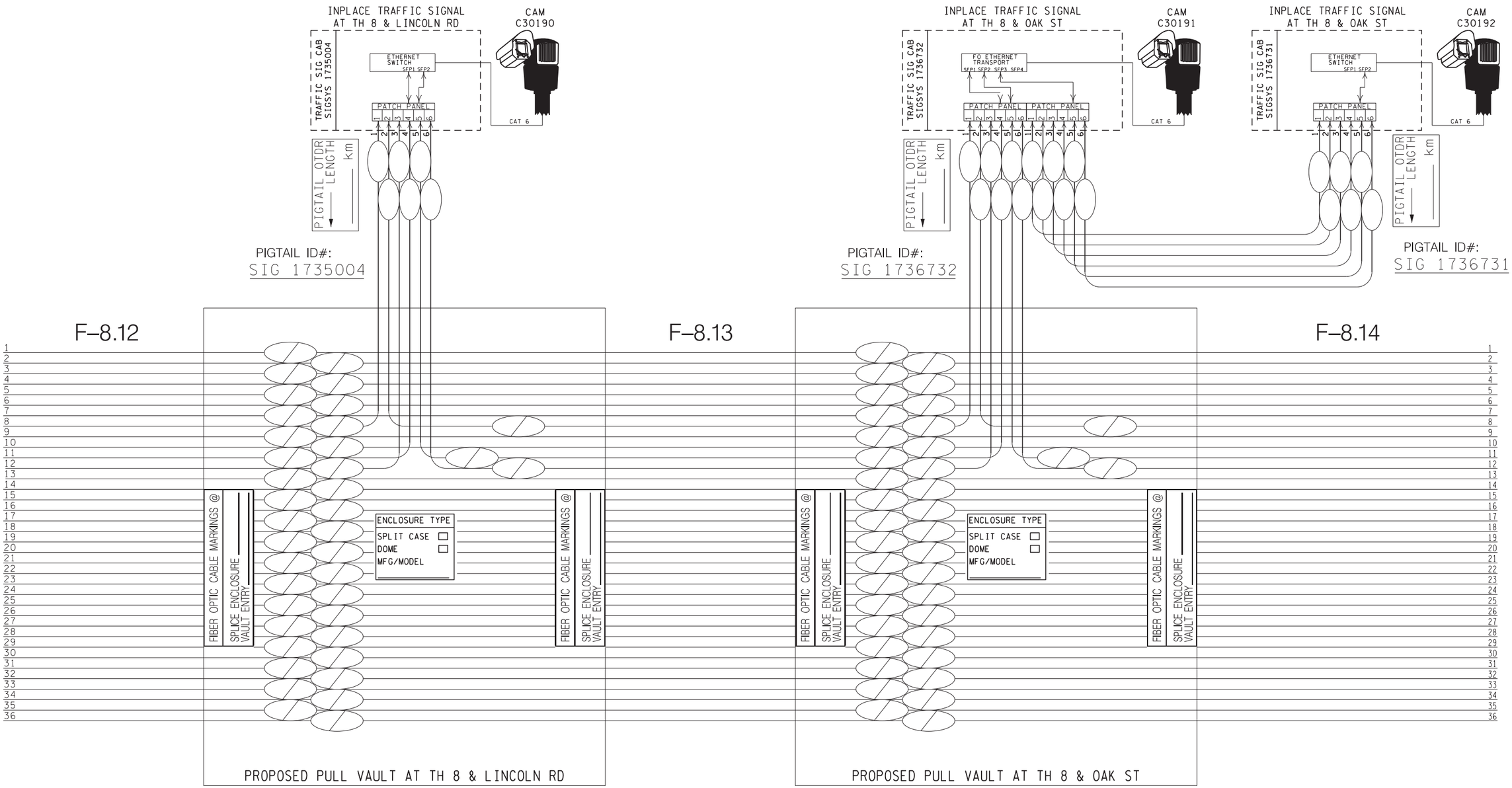
SYSTEM ID: 1735004
METER ADDRESS: 12290 LAKE BLVD. N.
MASTER ID: 20151 T.E.

FIELD WIRING DIAGRAM
REVISE SIGNAL SYSTEM G
T.H. 8 (LAKE BLVD.) AT
C.S.A.H. 14 (LINCOLN AVE. N.)
IN LINDSTROM, CHISAGO COUNTY

S.A.P. NO. | DRAWN BY:BAM | CKD BY:GAK | DATE:4-9-20

CERTIFIED BY Gregory Kern LICENSED PROFESSIONAL ENGINEER LIC. NO. 26829 DATE: 4/9/20

STATE PROJ.NO. 1301-126 (T.H.8) SHEET NO. SS27 OF SS42 SHEETS



REV. NO.	DATE: / /	CERTIFIED BY _____ LIC.NO. 43957 APR 9 2020	STATE PROJ. NO. 1301-126 (TH 8) SHEET NO. SZ79 OF SZ80 SHEETS
REV. NO.	DATE: / /	LICENSED PROFESSIONAL ENGINEER	

SIGNAL HEAD CHART

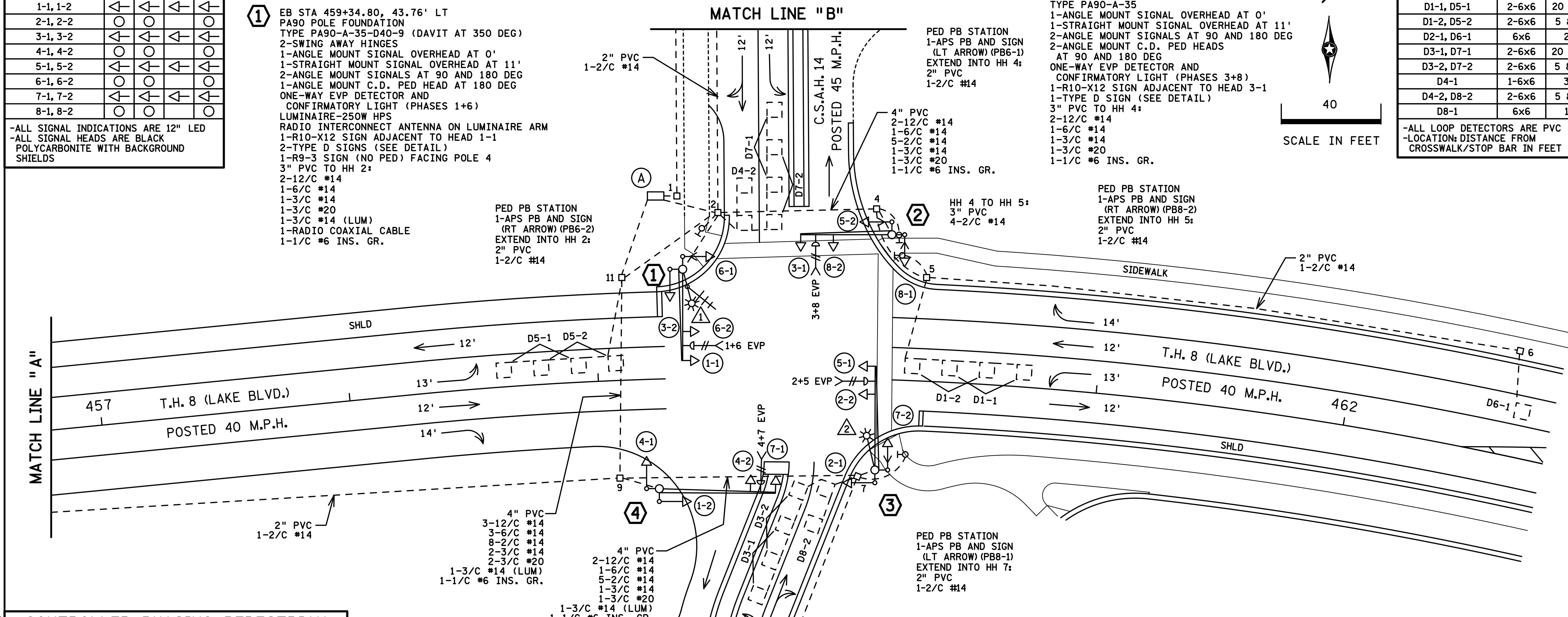
FACE	R	Y	FYA	G
1-1, 1-2	←	←	←	←
2-1, 2-2	○	○		○
3-1, 3-2	←	←	←	←
4-1, 4-2	○	○		○
5-1, 5-2	←	←	←	←
6-1, 6-2	○	○		○
7-1, 7-2	←	←	←	←
8-1, 8-2	○	○		○

- ALL SIGNAL INDICATIONS ARE 12" LED
- ALL SIGNAL HEADS ARE BLACK POLYCARBONITE WITH BACKGROUND SHIELDS

LOOP DETECTOR CHART

NUMBER	SIZE (FT)	LOCATION
D1-1, D5-1	2-6x6	20 & 50
D1-2, D5-2	2-6x6	5 & 35
D2-1, D6-1	6x6	250
D3-1, D7-1	2-6x6	20 & 50
D3-2, D7-2	2-6x6	5 & 35
D4-1	1-6x6	300
D4-2, D8-2	2-6x6	5 & 20
D8-1	6x6	120

- ALL LOOP DETECTORS ARE PVC
- LOCATION: DISTANCE FROM CROSSWALK/STOP BAR IN FEET



(1) EB STA 459+34.80, 43.76' LT
PA90 POLE FOUNDATION
TYPE PA90-A-35-D40-9 (DAVIT AT 350 DEG)
2-SWING AWAY HINGES
1-ANGLE MOUNT SIGNAL OVERHEAD AT 0'
1-STRAIGHT MOUNT SIGNAL OVERHEAD AT 11'
2-ANGLE MOUNT SIGNALS AT 90 AND 180 DEG
1-ANGLE MOUNT C.D. PED HEAD AT 180 DEG
ONE-WAY EVP DETECTOR AND
CONFIRMATORY LIGHT (PHASES 1+6)
LUMINAIRE-250W HPS
RADIO INTERCONNECT ANTENNA ON LUMINAIRE ARM
1-R10-X12 SIGN ADJACENT TO HEAD 1-1
2-TYPE D SIGNS (SEE DETAIL)
1-R9-3 SIGN (NO PED) FACING POLE 4
3" PVC TO HH 2:
2-12/C #14
1-6/C #14
1-3/C #14
1-3/C #20
1-3/C #14 (LUM)
1-RADIO COAXIAL CABLE
1-1/C #6 INS. GR.

(2) EB STA 460+15.81, 58.14' LT
PA90 POLE FOUNDATION
TYPE PA90-A-35
1-ANGLE MOUNT SIGNAL OVERHEAD AT 0'
1-STRAIGHT MOUNT SIGNAL OVERHEAD AT 11'
2-ANGLE MOUNT SIGNALS AT 90 AND 180 DEG
2-ANGLE MOUNT C.D. PED HEADS
AT 90 AND 180 DEG
ONE-WAY EVP DETECTOR AND
CONFIRMATORY LIGHT (PHASES 3+8)
1-R10-X12 SIGN ADJACENT TO HEAD 3-1
1-TYPE D SIGN (SEE DETAIL)
3" PVC TO HH 4:
2-12/C #14
1-6/C #14
1-3/C #14
1-3/C #20
1-1/C #6 INS. GR.

PED PB STATION
1-APS PB AND SIGN
(LT ARROW) (PB6-1)
EXTEND INTO HH 4:
2" PVC
1-2/C #14

PED PB STATION
1-APS PB AND SIGN
(RT ARROW) (PB6-2)
EXTEND INTO HH 2:
2" PVC
1-2/C #14

PED PB STATION
1-APS PB AND SIGN
(RT ARROW) (PB8-2)
EXTEND INTO HH 5:
2" PVC
1-2/C #14

HH 4 TO HH 5:
3" PVC
4-2/C #14

4" PVC
2-12/C #14
1-6/C #14
5-2/C #14
1-3/C #14
1-3/C #20
1-1/C #6 INS. GR.

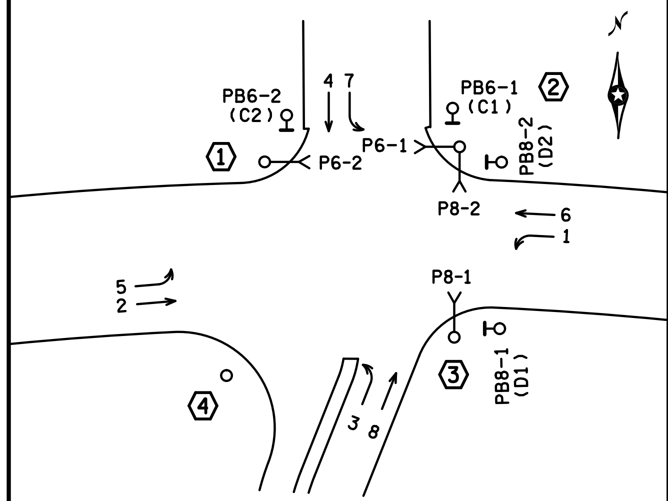
2" PVC
1-2/C #14

4" PVC
3-12/C #14
3-6/C #14
8-2/C #14
2-3/C #14
2-3/C #20
1-3/C #14 (LUM)
1-1/C #6 INS. GR.

4" PVC
2-12/C #14
1-6/C #14
5-2/C #14
1-3/C #14
1-3/C #20
1-3/C #14 (LUM)
1-1/C #6 INS. GR.

PED PB STATION
1-APS PB AND SIGN
(LT ARROW) (PB8-1)
EXTEND INTO HH 7:
2" PVC
1-2/C #14

CONTROLLER PHASING, PEDESTRIAN INDICATIONS AND PUSH BUTTONS



PEDESTRIAN PUSH BUTTONS SHALL BE LOCATED AS SHOWN ABOVE

(4) EB STA 459+23.17, 43.97' RT
PA100 POLE FOUNDATION
TYPE PA100-A-45
1-ANGLE MOUNT SIGNAL OVERHEAD AT 0'
1-STRAIGHT MOUNT SIGNAL OVERHEAD AT 11'
2-ANGLE MOUNT SIGNALS AT 90 AND 180 DEG
ONE-WAY EVP DETECTOR AND
CONFIRMATORY LIGHT (PHASES 7+4)
1-R10-X12 SIGN ADJACENT TO HEAD 7-1
1-TYPE D SIGN (SEE DETAIL)
2-R9-3 SIGNS (NO PED) FACING POLES 1 AND 3
3" PVC TO HH 9:
1-12/C #14
2-6/C #14
1-3/C #14
1-3/C #20
1-1/C #6 INS. GR.

2" PVC
1-2/C #14

(3) EB STA 460+12.16, 36.34' RT
PA90 POLE FOUNDATION
TYPE PA90-A-40-D40-9 (DAVIT AT 350 DEG)
2-SWING AWAY HINGES
1-ANGLE MOUNT SIGNAL OVERHEAD AT 0'
1-STRAIGHT MOUNT SIGNAL OVERHEAD AT 11'
2-ANGLE MOUNT SIGNALS AT 180 AND 180 DEG
1-ANGLE MOUNT C.D. PED HEAD AT 90 DEG
ONE-WAY EVP DETECTOR AND
CONFIRMATORY LIGHT (PHASES 2+5)
LUMINAIRE-250W HPS
1-R10-X12 SIGN ADJACENT TO HEAD 5-1
2-TYPE D SIGNS (SEE DETAIL)
1-R9-3 SIGN (NO PED) FACING POLE 4
3" PVC TO HH 7:
2-12/C #14
1-6/C #14
1-3/C #14
1-3/C #20
1-3/C #14 (LUM)
1-1/C #6 INS. GR.

(A) EQUIPMENT PAD - SEE DETAIL
SERVICE CABINET
CONTROLLER AND CABINET
4" PVC TO HH 11:
3-12/C #14
3-6/C #14
8-2/C #14
2-3/C #14
2-3/C #20
1-1/C #6 INS. GR.
2" PVC TO
SERVICE CABINET:
2-1/C #6
1-1/C #6 INS. GR.
2" PVC TO
SERVICE CABINET:
(SPARE-COMMS)
SERVICE CABINET TO HH 1:
2" PVC
3-1/C #2
SERVICE CABINET TO HH 11:
2" PVC
2-3/C #14 (LUM)
HH 11 TO HH 2:
2" PVC
1-3/C #14 (LUM)

4" PVC TO HH 2:
4-12/C #14
2-6/C #14
10-2/C #14
2-3/C #14
2-3/C #20
1-RADIO COAXIAL CABLE
1-1/C #6 INS. GR.

SIGNAL SYSTEM OPERATION

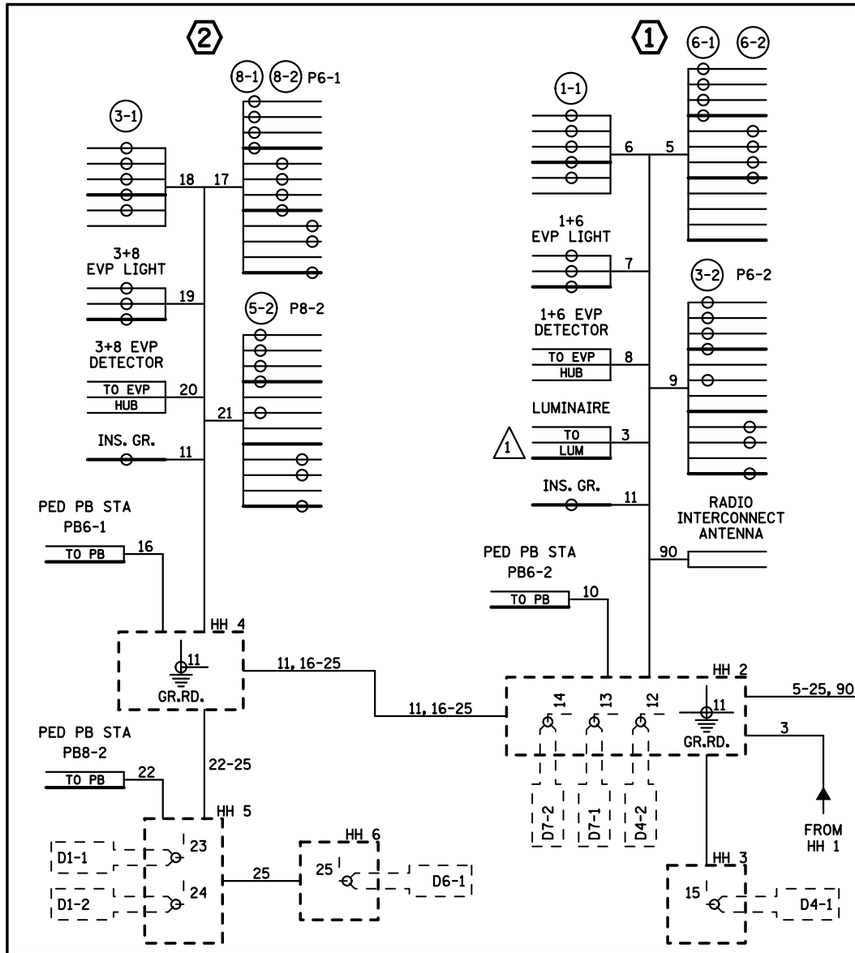
- THE SIGNAL SYSTEM FLASH MODE IS ALL RED.
- NORMAL OPERATION IS 8 PHASE, WITH PHASES 1, 3, 5, AND 7 BEING FLASHING YELLOW ARROWS BY TIME OF DAY.
- PHASES 2 AND 6 SHALL BE ON VEHICLE RECALL.

BY	DATE	REVISIONS
GDS	07-21-15	AS BUILT OF SP 1301-98

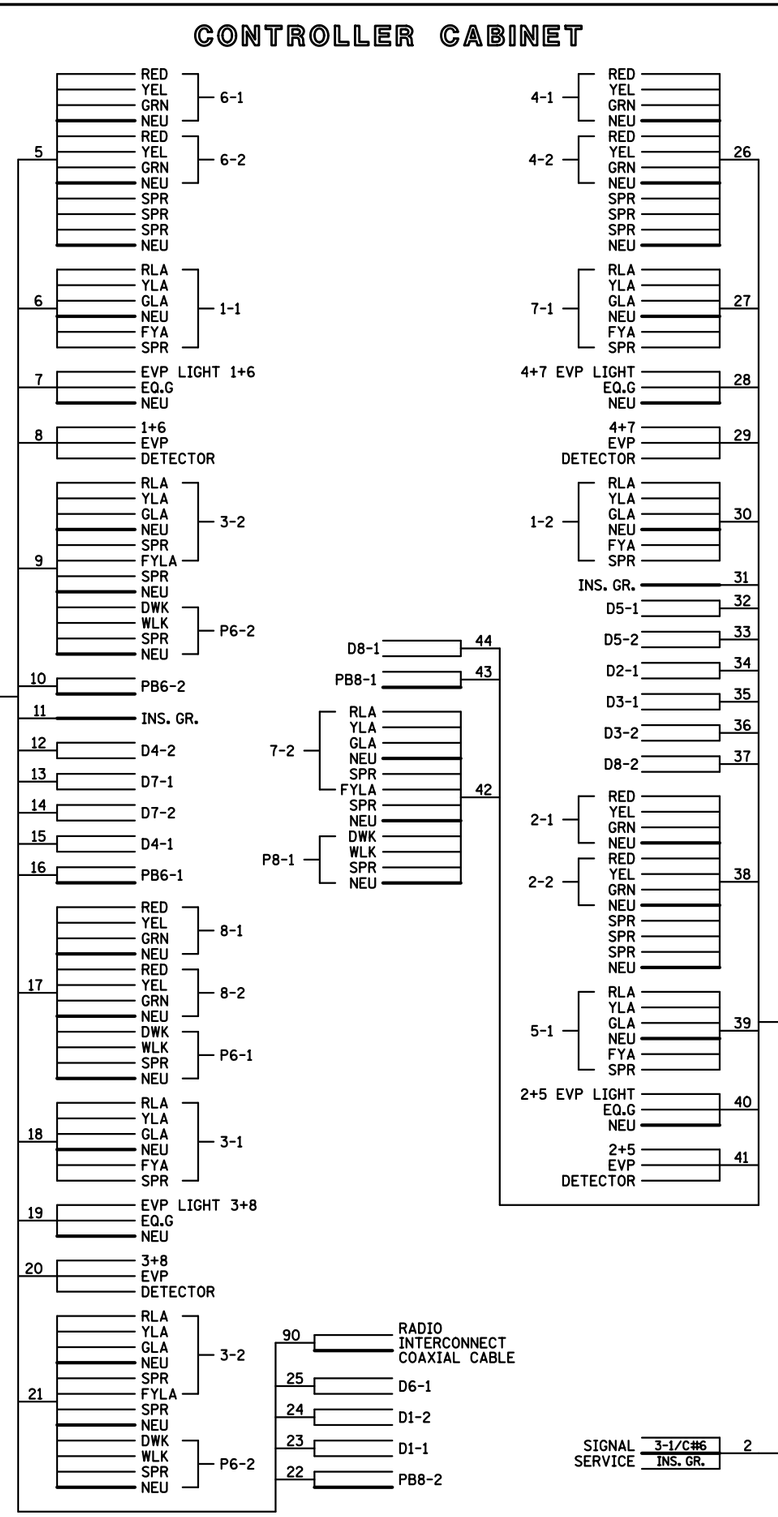
SYSTEM ID: 20151 T.E.
METER ADDRESS: 12290 LAKE BLVD. N.
MASTER ID: T.E.

INTERSECTION LAYOUT
TRAFFIC CONTROL SIGNAL SYSTEM
T.H. 8 (LAKE BLVD.) AT
C.S.A.H. 14 (LINCOLN AVE. N.)
IN LINDSTROM, CHISAGO COUNTY

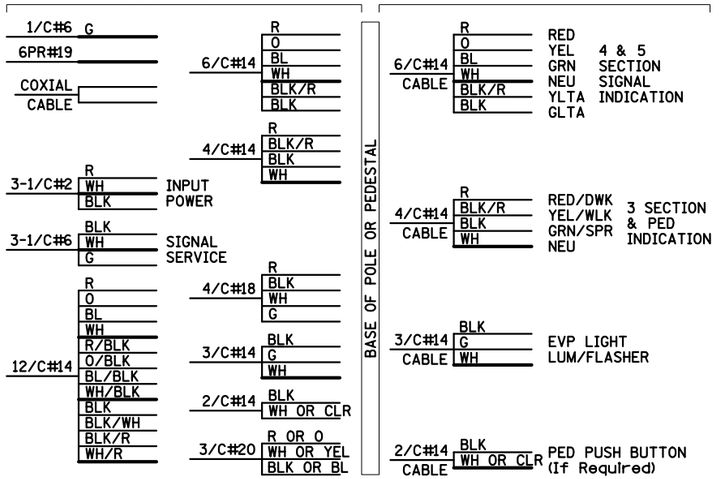
S.A.P. NO. DRAWN BY: CKD BY: DATE:
CERTIFIED BY ________ LICENSED PROFESSIONAL ENGINEER LIC. NO. ________ DATE: ________
STATE PROJ. NO. (T.H. 8)



CONTROLLER CABINET

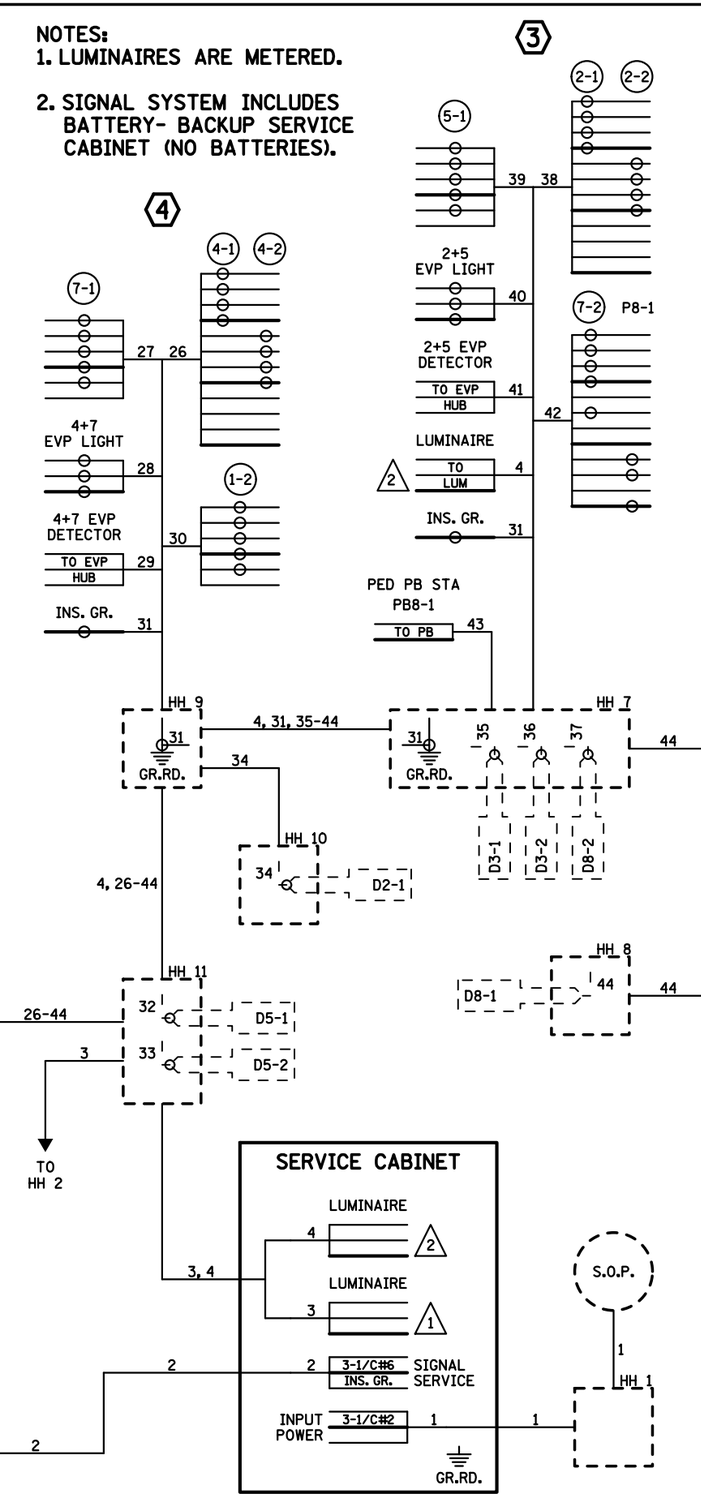


CONDUCTOR COLOR CODE (14 GAUGE)



NOTE:
ALL POLE CONNECTIONS SHALL BE ARRANGED AS SPECIFIED ABOVE.

NOTES:
1. LUMINAIRES ARE METERED.
2. SIGNAL SYSTEM INCLUDES BATTERY- BACKUP SERVICE CABINET (NO BATTERIES).



BY	DATE	REVISIONS
GDS	07-21-15	AS BUILT OF SP 1301-98

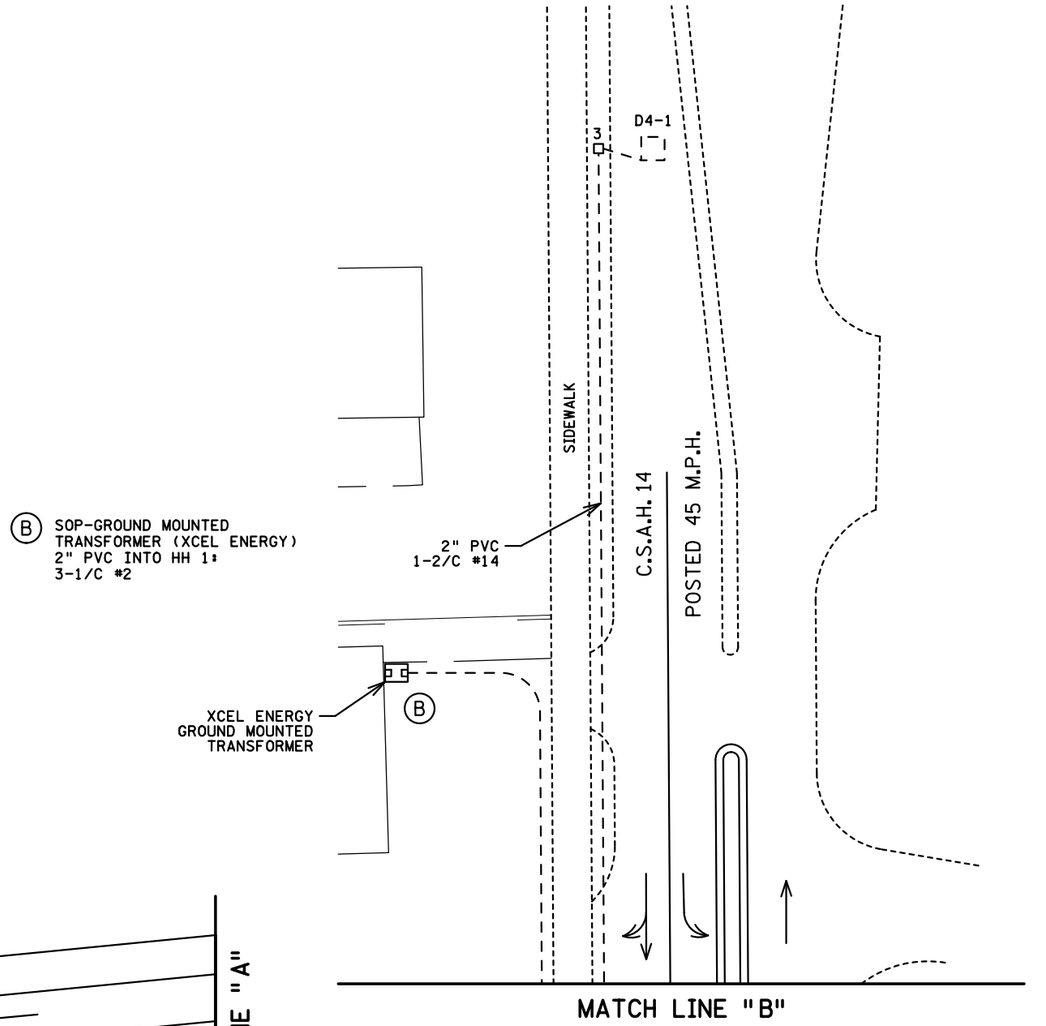
SYSTEM ID: 20151 T.E.
METER ADDRESS: 12290 LAKE BLVD. N.
MASTER ID: T.E.

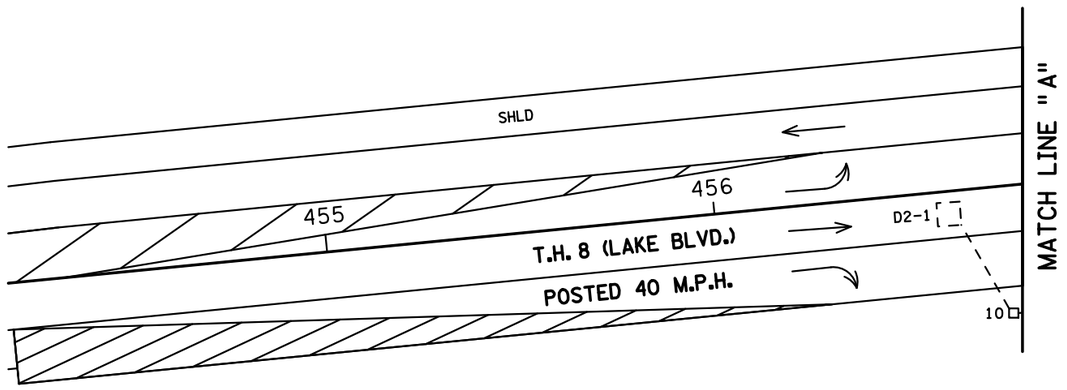
FIELD WIRING DIAGRAM
TRAFFIC CONTROL SIGNAL SYSTEM
T.H. 8 (LAKE BLVD.) AT
C.S.A.H. 14 (LINCOLN AVE. N.)
IN LINDSTROM, CHISAGO COUNTY

S.A.P. NO. | DRAWN BY: | CKD BY: | DATE:

CERTIFIED BY _____ LIC. NO. _____ DATE: _____
LICENSED PROFESSIONAL ENGINEER

STATE PROJ.NO. (T.H.8) SHEET NO. 3 OF 3 SHEETS





BY	DATE	REVISIONS
GDS	07-21-15	AS BUILT OF SP 1301-98

SYSTEM ID: 20151 T.E.
METER ADDRESS: 12290 LAKE BLVD. N.
MASTER ID: T.E.

MATCH LINES LAYOUT
TRAFFIC CONTROL SIGNAL SYSTEM
T.H. 8 (LAKE BLVD.) AT
C.S.A.H. 14 (LINCOLN AVE. N.)
IN LINDSTROM, CHISAGO COUNTY

S.A.P. NO. | DRAWN BY: | CKD BY: | DATE:

CERTIFIED BY _____ LIC. NO. _____ DATE: _____
LICENSED PROFESSIONAL ENGINEER

STATE PROJ.NO. (T.H.8) SHEET NO. 2 OF 3 SHEETS