

PLOTTED/REVISED: 3/11/2013

DISTRICT #: METRO
IPLOT NAME: LAYOUT
PATH & FILENAME: IP_PWP-d0783818\T20533LWR_SGL.dgn

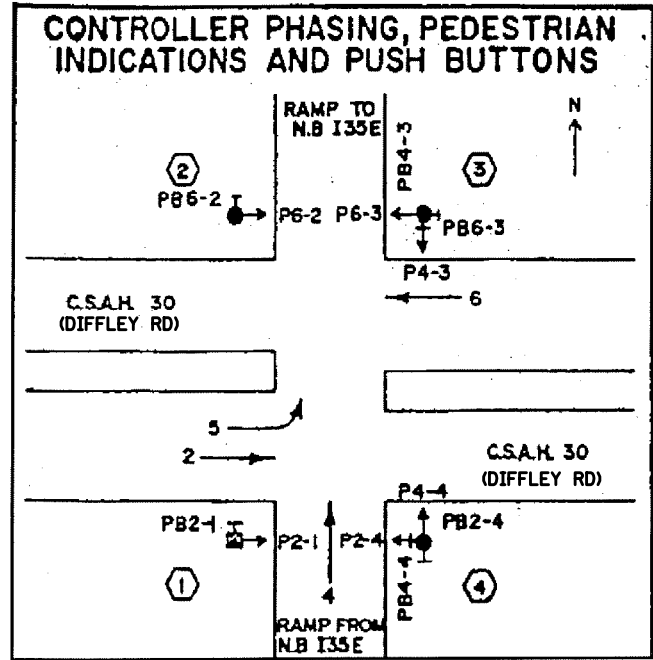
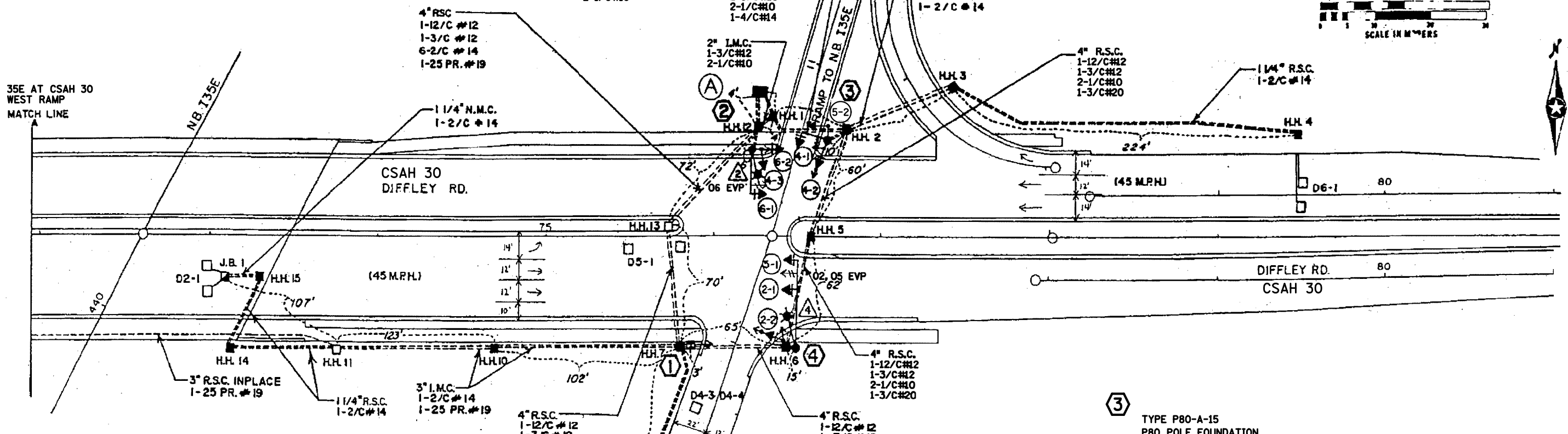
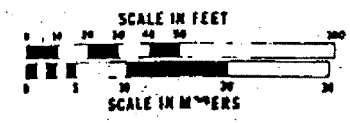
| LOOP DETECTORS | | | |
|----------------|--------------|-------|----------|
| NUMBER | SIZE | TYPE | LOCATION |
| D2-1 | 2-6'x6' | SAWED | 300' |
| D4-1 | 2-6'x6' | SAWED | 240' |
| D4-2 | 2-6'x6' | SAWED | 120' |
| D4-3 | 6'X6', 6'X6' | PVC | 5', 20' |
| D4-4 | 6'X6' | PVC | 5' |
| D5-1 | 2-6'X6' | PVC | 5', 20' |
| D6-1 | 2-6'x6' | SAWED | 300' |

(A) EQUIPMENT PAD
SERVICE EQUIPMENT
EXTEND INTO HH 12:
2" IMC
4-1/C#10
CONTROLLER AND CABINET
EXTEND INTO HH 1:
4" IMC
2-12/C#12
2-3/C#12
1-2/C#14
2-3/C#20
1-4/C#14

(2) TYPE P90-A-25-D40-9 (DAVIT AT 350 DEG)
P90 POLE FOUNDATION
ONE WAY SIGNAL OVERHEAD
TYPE 20B POLE MOUNTED AT 270 DEG
EVP DETECTOR AND CONFIRMATORY LIGHT
WITH 3/4" RSC EXTENSION AT 6'
LUMINAIRE 200 WATT HPS WITH CHECK SWITCH
1-PEDESTRIAN PUSH BUTTON AND SIGN
EXTEND INT HH 12:
3" IMC
1-12/C#12
4-3/C#12
1-3/C#20
2-1/C#10

| SIGNAL FACE CHART | | | |
|-------------------|---|---|---|
| FACE | R | Y | G |
| 2-1 2-2 | ○ | ○ | ○ |
| 4-1 4-2 4-3 | ○ | ○ | ○ |
| 5-1 | ◀ | ◀ | ◀ |
| 5-2 | ◀ | ◀ | ◀ |
| 6-1 6-2 | ◀ | ◀ | ◀ |

-ALL SIGNAL INDICATIONS ARE 12" LED
-ALL SIGNAL HEADS HAVE BACKGROUND SHIELDS



(1) TYPE 4A PEDESTAL POLE AND BASE PEDESTAL FOUNDATION
1-PEDESTRIAN PUSH BUTTON AND SIGN
EXTEND INTO HH 7:
3" IMC
2-12/C#12
2-3/C#12

(4) TYPE A100-A-45 D40-9 (DAVIT AT 350 DEG)
A100 POLE FOUNDATION
2-ONE WAY SIGNALS OVERHEAD
TYPE 10C POLE MOUNTED AT 270 DEG
EVP DETECTOR AND CONFIRMATORY LIGHT WITH 3/4" RSC EXTENSION AT 6'
LUMINAIRE 200 WATT WITH CHECK SWITCH
2-PEDESTRIAN PUSH BUTTON AND SIGNS
EXTEND INTO HH 6:
3" IMC
2-12/C#12
2-3/C#12
1-3/C#20
2-1/C#10

(3) TYPE P80-A-15 P80 POLE FOUNDATION
ONE WAY SIGNAL OVERHEAD
TYPE 10C POLE MOUNTED AT 270 DEG
TYPE 10A POLE MOUNTED AT 90 DEG
EVP DETECTOR AND CONFIRMATORY LIGHT WITH 3/4" RSC EXTENSION AT 6'
LUMINAIRE 200 WATT WITH CHECK SWITCH
2-PEDESTRIAN PUSH BUTTON AND SIGN
EXTEND INTO HH 2:
3" IMC
1-12/C#12
4-3/C#12
1-3/C#20
1-4/C#14

SIGNAL SYSTEM OPERATION

- THE SIGNAL SYSTEM FLASH MODE IS ALL RED.
- NORMAL OPERATION IS 4 PHASE, WITH PHASE 5 BEING A PROTECTED LEFT TURN
- PHASES 2 AND 6 SHALL BE ON VEHICLE RECALL.

| | | | | | | | | | |
|----------------|------------------|--------------------------------|------------------|-----------|--|------------|---------------------|-------------|---------------|
| BY: EJA | DATE: 03-11-2013 | REVISIONS: AS-BUILT OF TE 5710 | SYSTEM ID: 20533 | T.E. 5710 | INTERSECTION LAYOUT I-35E AT CSAH 30 (DIFFLEY ROAD) EAST RAMP IN EAGAN, DAKOTA COUNTY | S.A.P. NO. | DRAWN BY: SJK | CKD BY: EJA | DATE: |
| METER ADDRESS: | | | MASTER ID: | | CERTIFIED BY: | | LIC. NO.: | | DATE: |
| | | | T.E. | | STATE PROJ. NO. | | (T.H.35E) SHEET NO. | | 1 OF 2 SHEETS |



CSAH 30 & I-35E East Ramps
T.E. No.: 2644

CSAH 30 & Johnny Cake Ridge Rd

NOTE: See Inplace Signal System Sheet for Details

NOTE: See Signal System Sheet for Details

4" R.S.C. (Inplace)
ADD 1 - 6pr. #19

4" I.M.C. (Inplace)
ADD 1 - 6pr. #19

CONTROLLER & CABINET (Inplace - Remove and Salvage)
CONTROLLER & CABINET (Install state furnished materials)

1 1/4" R.S.C. (Inplace)
ADD 1 - 6pr. #19

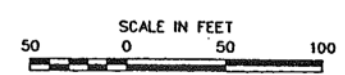
DIRECT BURIED
1 - 6pr. #19

CSAH 30 Diffley Rd

CSAH 30 Diffley Rd

CONTROLLER & CABINET

Johnny Cake Ridge Rd



DATE
06-29-01

SIGNAL SYSTEM B
CSAH 30 Diffley Rd
INTERCONNECT LAYOUT

Certified by *Kristi M. Sebastian*
LICENCED ENGINEER Lic. No. 41091

Date: 06-29-01

Dakota County Highway Department

Project Number: 30-11 S.A.P. 19-630-07 M.S.A.P. 195-109-06

Sheet 22 of 30 Sheets