	LEGEND OF SYMBOLS
	CABLE TRAY
	CONDUIT - INPLACE
	CONDUIT - F&I
•••••	CONDUIT FIBER ONLY - INPLACE
20111 11111	CONDUIT FIBER ONLY - F&I
	DIRECT BURIED COMMUNICATION CABLE - INPLACE
	DIRECT BURIED COMMUNICATION CABLE - F&I
	DIRECT BURIED POWER CABLE - INPLACE
	DIRECT BURIED POWER CABLE - F&I
o	LOOP DETECTOR (SPECIFY) - (SPECIFY)
⊠→	FLASHER - INPLACE
₩->	FLASHER - F&I
→	FLASHING BEACON - F&I
~	FOUNDATION INPLACE, GATE ARM - F&I
-	FOUNDATION F&I, GATE ARM - F&I
8>	GATE ARM - INPLACE
••	GUARDRAIL END TREATMENT (SPECIFY)
•P•P•	GUARDRAIL (PLATE BEAM) - (SPECIFY)
. 10	HANDHOLE - INPLACE
	HANDHOLE - F&I
Ø	JUNCTION BOX OR CONDULET - INPLACE
2	JUNCTION BOX OR CONDULET - F&I
	LANE ARROW
 0	OVERHEAD SIGN - INPLACE
-	OVERHEAD SIGN - F&I
	PAD (SPECIFY) - INPLACE
	PAD (SPECIFY) - F&I
Ø	PEDESTAL - INPLACE
	PEDESTAL - F&I

	LEGEND OF SYMBOLS
⊠⊣⊳	RAMP CONTROL SIGNAL (DESIGN ONE-WAY) - INPLACE
₽→	RAMP CONTROL SIGNAL (DESIGN ONE-WAY) - F&I
Ø _₽	RAMP CONTROL SIGNAL (DESIGN TWO-WAY) - INPLACE
E	RAMP CONTROL SIGNAL (DESIGN TWO-WAY) - F&I
∞ -⊳	RAMP CONTROL SIGNAL (DESIGN ONE-WAY)(SCREW IN BASE) - INPLACE
40	RAMP CONTROL SIGNAL (DESIGN ONE-WAY)(SCREW IN BASE) - F&I
€₽	RAMP CONTROL SIGNAL (DESIGN TWO-WAY)(SCREW IN BASE) - INPLACE
ۥ	RAMP CONTROL SIGNAL (DESIGN TWO-WAY)(SCREW IN BASE) - F&I
	SHELTER (TMS) - INPLACE
	SHELTER (TMS) - F&I
77	SIGN (TYPE A OR D) - (SPECIFY)
-	SIGN (TYPE C) - (SPECIFY)
П	SIGN (TYPE CMS) - (SPECIFY)
→	SIGNAL FACE - INPLACE
→	SIGNAL FACE - F&I
\$	SPLICE CABINET (SPECIFY) - (SPECIFY)
(D)	SPLICE VAULT (FIBER OPTIC) - (SPECIFY)
(T)	TELEVISION CAMERA (CCTV) - (SPECIFY)
•	WOOD POLE - F&I
•	WOOD POLE - INPLACE
4	WOOD POLE F&I, SERVICE INSTALLATION - F&I
a a	WOOD POLE INPLACE, SERVICE INSTALLATION - F&I
٩	WOOD POLE INPLACE, SERVICE INSTALLATION - INPLACE
	FIBER PATCHING SHELTER - F&I
	OUTDOOR FIBER SPLICE ENCLOSURE - F&I
PV	PULL VAULT
E	ELECTRICAL SERVICE
Ţ	TRANSFORMER

I HEREBY CERTIFY THAT SHEETS TMI THROUGH TMI3 OF THIS PLAN WERE 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.

LEONARD E. PALEK, JR

DATE Jan. 4. 2006 LIC. NO. 41525

DESIGNER Scott Coozennoy

2-16-06

TMS COMPONENTS

DATE: // DATE:

LICENSED PROFESSIONAL ENGINEER LIC.NO. 41525 DEC 30 2005

STATE PROJ. NO. 6284-137 (TH 35W) SHEET NO.

TABULATION OF ESTIMATED QUANTITIES - SP 6284-137							
ITEM	NOTES	UNIT	ESTIMATED QUANTITY				
REMOVE BD-4 CABINET FOUNDATION		EACH	1				
REMOVE CABINET FOUNDATION		EACH	1				
SALVAGE BD-4 CABINET		EACH	1				
SALVAGE CHANGEABLE MESSAGE SIGN		EACH	1				
SALVAGE FIBEROPTIC SPLICE VAULT	3	EACH	1				
SALVAGE CABINET	2	EACH	1				
CABINET FOUNDATION		EACH	1				
PEDESTAL FOUNDATION	1	EACH	1				
SERVICE FOUNDATION		EACH	2				
HANDHOLE TYPE-PVC METAL COVER		EACH	4				
FIBEROPTIC SPLICE VAULT		EACH	1				
OUTDOOR FIBER SPLICE ENCLOSURE		EACH	1				
BURIED CABLE SIGN		EACH	8				
1.5" NON-METALLIC CONDUIT		LINFT	2780				
2" NON-METALLIC CONDUIT		LIN FT	670				
TELEPHONE CABLE 12 PR NO 19		LIN FT	800				
POWER CABLE 1 CONDUCTOR NO 6		LIN FT	1500				
CMS CONTROL CABLE 7.5 PAIR COND NO 24		LIN FT	175				
FIBEROPTIC TRUNK CABLE 12MM-18SM		LIN FT	1800				
LOOP DETECTOR SPLICE		EACH	1				
INSTALL CABINET		EACH	1				
SERVICE CABINET		EACH	2				

TABULATION OF ESTIMATED QUANTITIES - SP 6284-137							
ITEM	NOTES	UNIT	ESTIMATED QUANTITY				
FIBER OPTIC CABLE TESTING		LUMP SUM	1				
FIBER OPTIC PIGTAIL TERMINATION		EACH	2				
FIBER OPTIC CABLE SPLICING		EACH	2				
INSTALL BD-4 CABINET		EACH	1				
INSTALL CHANGEABLE MESSAGE SIGN		EACH	1				
1.5" BORED CONDUIT		LIN FT	220				
ARMORED FIBER OPTIC PIGTAIL CABLE 6SM		LIN FT	725				
CONCRETE FOOTINGS (TYPE OH SPREAD)		CU YD	22				
STRUCT STEEL-POSTS FOR OH SIGNS (DESIGN B)		POUND	6148				
STRUCT STEEL-TRUSSES FOR OH SIGNS (DESIGN B)	(P)	POUND	8705				
STRUCT STEEL-WLKWY SUPPORTS FOR OH SIGNS (DESIGN B)	(P)	POUND	198				
STRUCT STEEL-WLKWY GRATING FOR OH SIGNS (DESIGN B)	(P)	POUND	360				

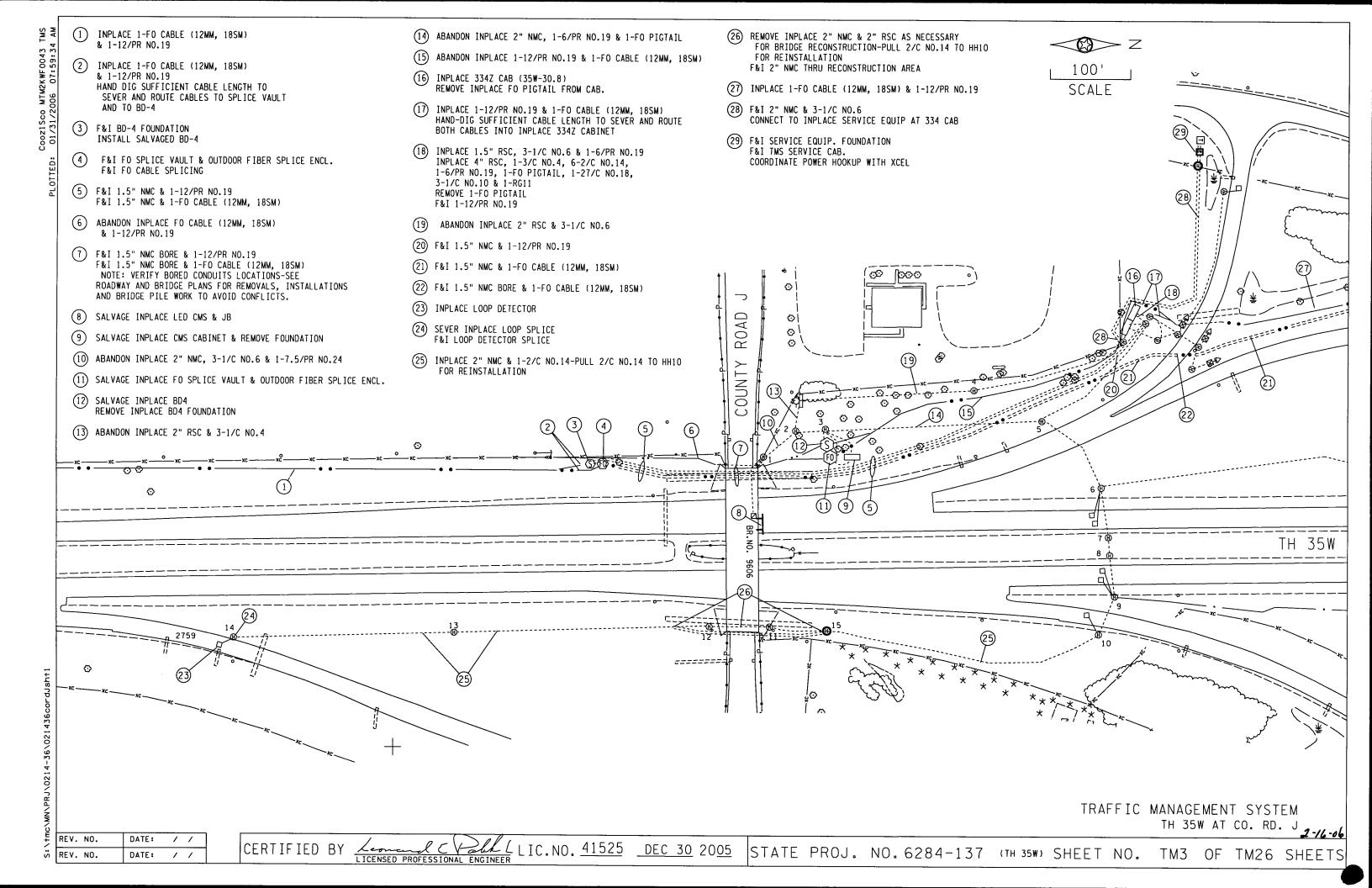
- 1 BD-4 PEDESTAL FOUNDATION
- 2 CMS CONTROLLER CABINET
- 3 INCLUDES OUTDOOR FIBER SPLICE ENCLOSURE

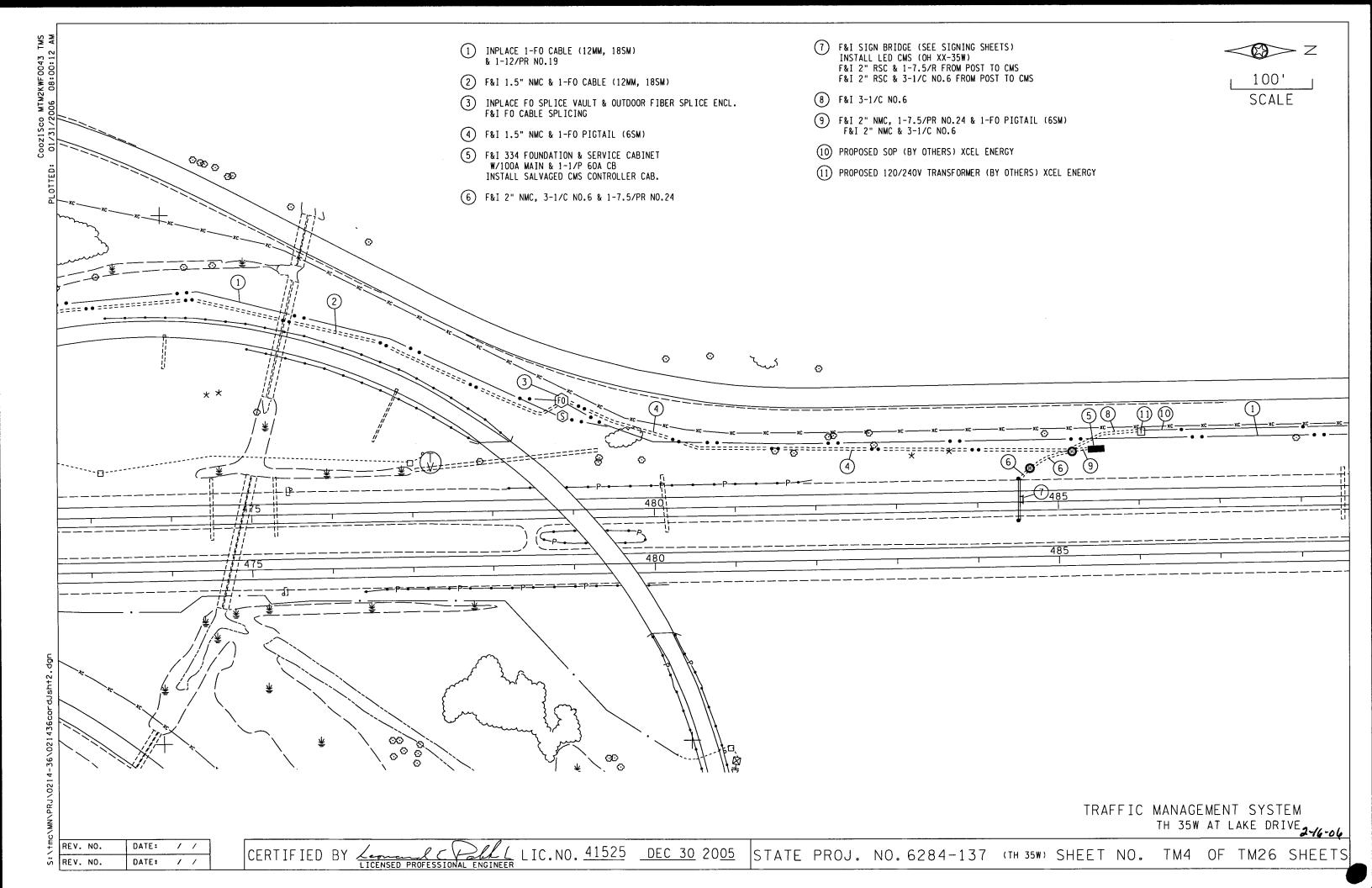
TABULATION OF ESTIMATED QUANTITIES 2-16-06

DATE: DATE:

CERTIFIED BY LICENSED PROFESSIONAL ENGINEER LIC.NO. 41525 DEC 30 2005

STATE PROJ. NO. 6284-137 (TH 35W) SHEET NO. TM2 OF TM26 SHEETS

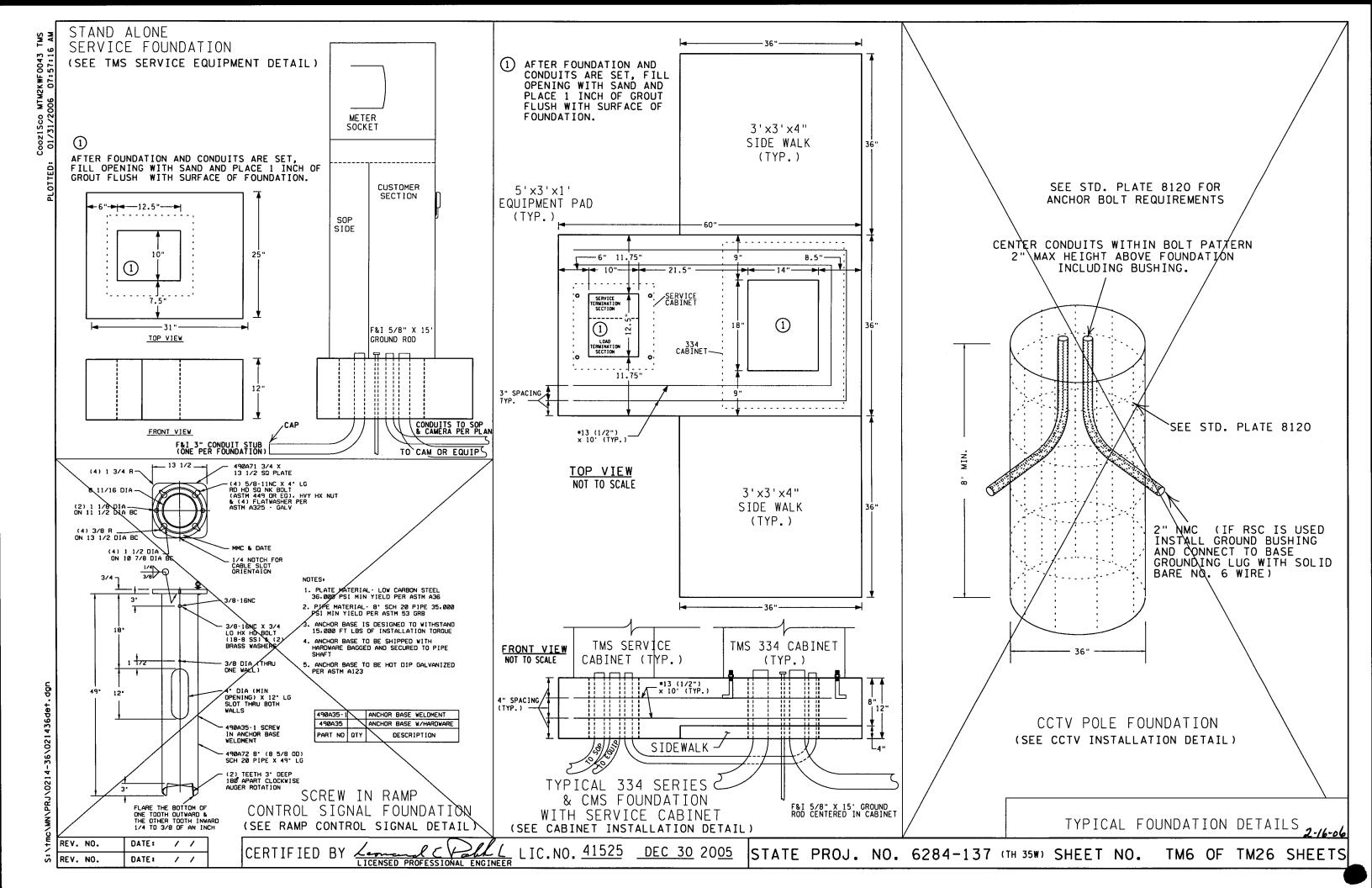


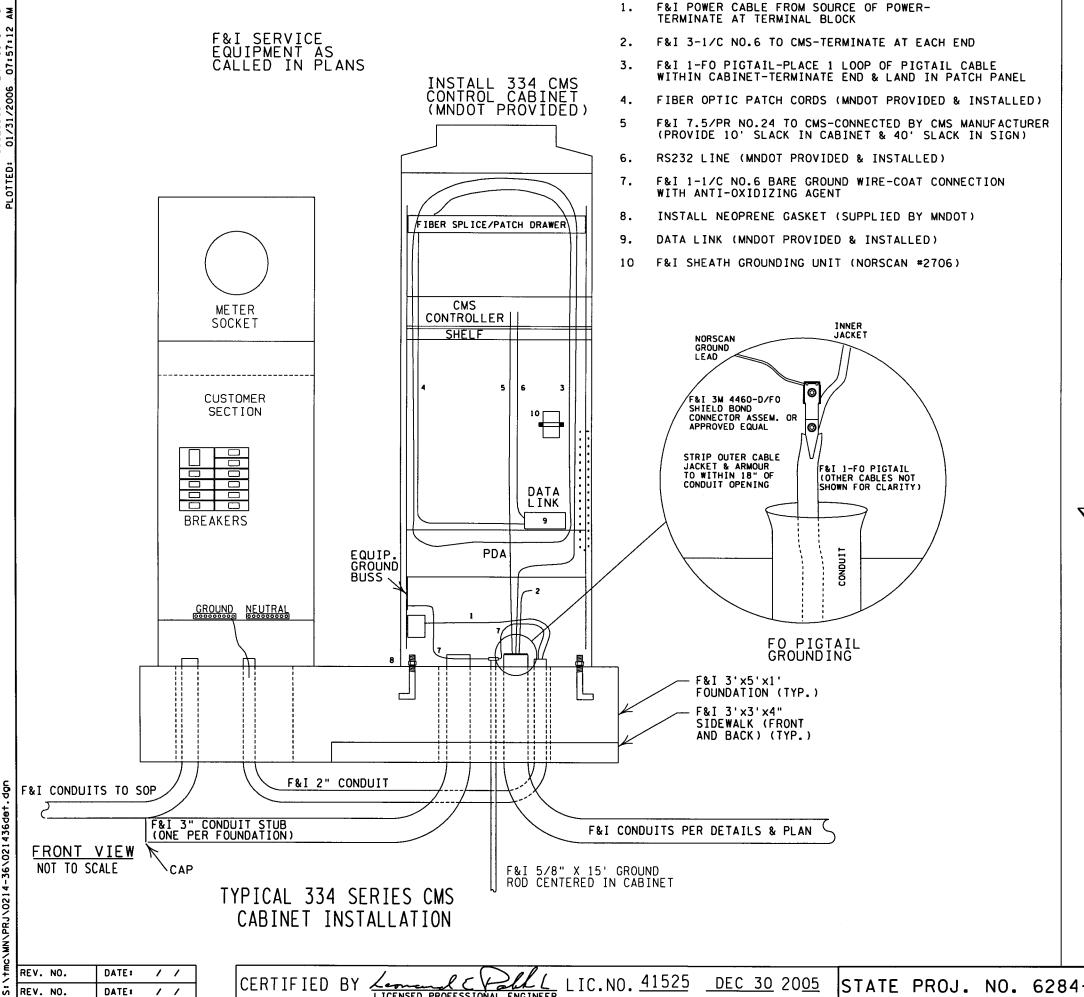


REV. NO.

DATE:

1 1



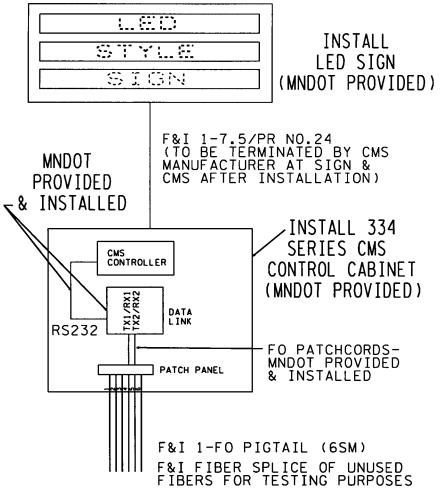


MNDOT PROVIDED

- 1. TMS 334Z CONTROL CABINET INCLUDING:
 - A) CMS CONTROLLER
 - B) FIBER OPTIC PATCH PANEL
 - C) CB ENCL. & BREAKER INSIDE CABINET
 - D) NEOPRENE CAB. GASKET

MNDOT PROVIDED & INSTALLED

- 1. FIBER OPTIC PATCH CORDS
- 2. FO PIGTAIL & PATCH PANEL LABELS
 - WITHIN CMS CABINET
- 3. DATA LINK



TYPICAL FIBER OPTIC CONTROLLED CMS EQUIPMENT INSTALLATION

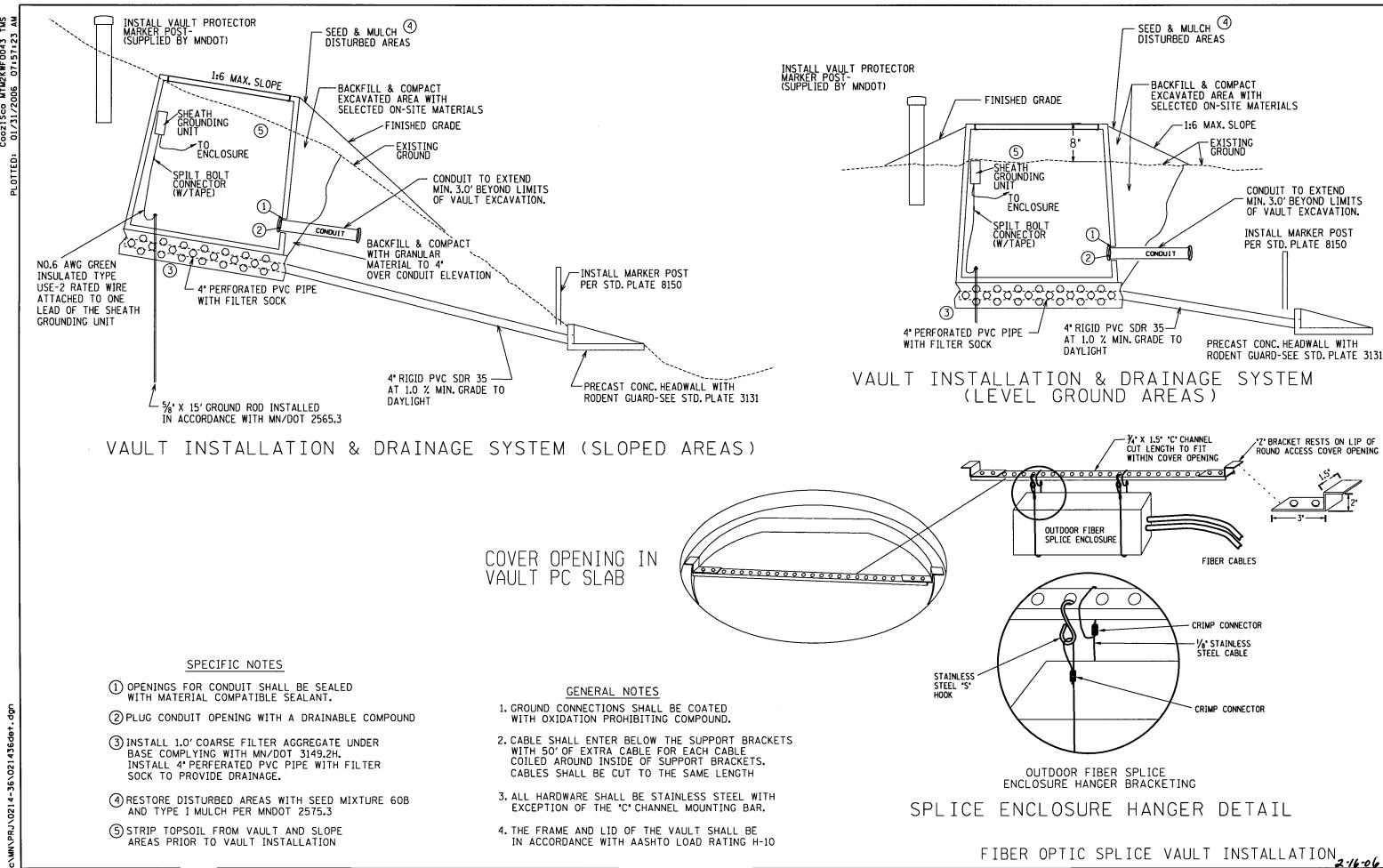
TYPICAL DMS CABINET INSTALLATION 2-16-06

CERTIFIED BY Legend C VOLL LICENSED PROFESSIONAL ENGINEER LIC.NO. 41525 DEC 30 2005 STATE PROJ. NO. 6284-137 (TH 35W) SHEET NO. TM7 OF TM26 SHEETS

DATE: / / REV. NO. REV. NO. DATE:

<u>L</u> LIC.NO. 41525 <u>DEC 30</u> 2005

STATE PROJ. NO. 6284-137 (TH 35W) SHEET NO. TM8 OF TM26 SHEETS



REV. NO. DATE: //

ERTIFIED BY

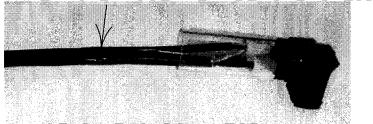
LIC.NO. 41525 DEC 30 2005

STATE PROJ. NO. 6284-137 (TH 35W) SHEET NO. TM9 OF TM26 SHEETS

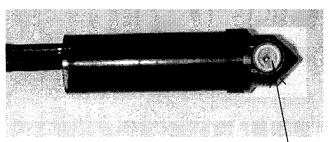


SOLDERED BUTT SPLICE IN WIRE NUT

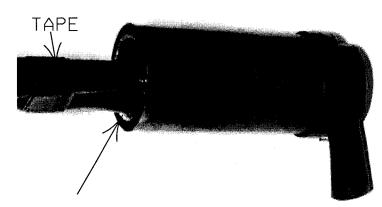
TAPE WIRE TOGETHER BEFORE SPLICE



PLACE IN ENCAPSULATOR

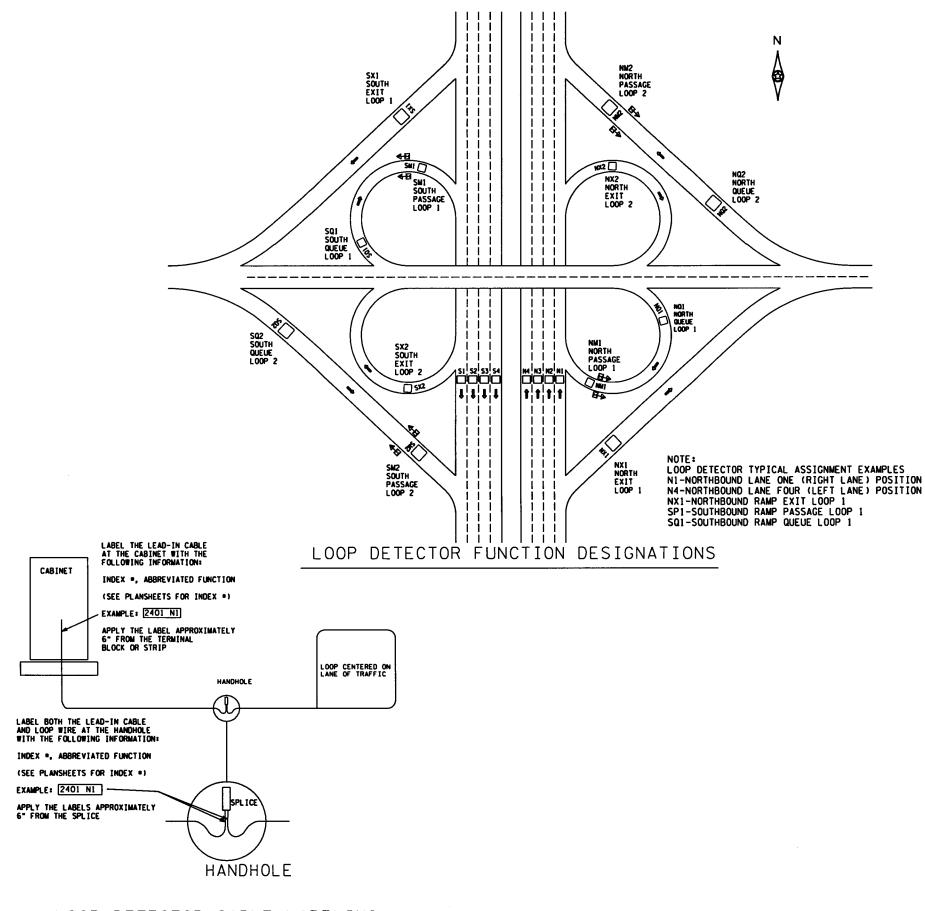


PLACE WIRE NUT IN ONE — I END TO BLOCK OPENING



FILL ENCAPSULATOR COMPLETELY-ALLOW FINISHED SPLICE TO CURE SO EPOXY DOES NOT RUN OUT

LOOP DETECTOR SPLICE FOR SAWCUT AND PREFORMED LOOPS



LOOP DETECTOR CABLE LABELING

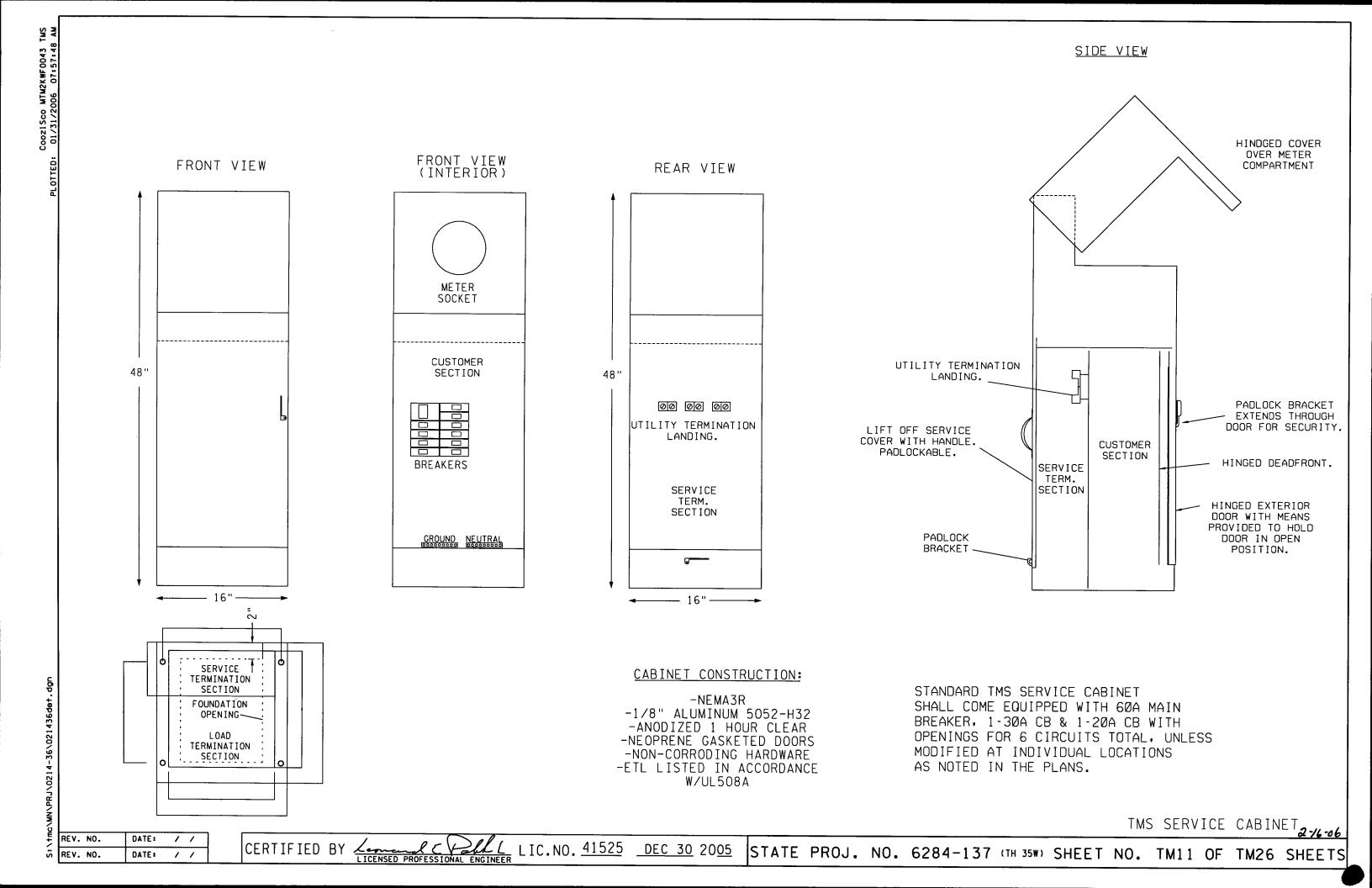
TMS LOOP DETECTOR TYPICAL-PART TWO

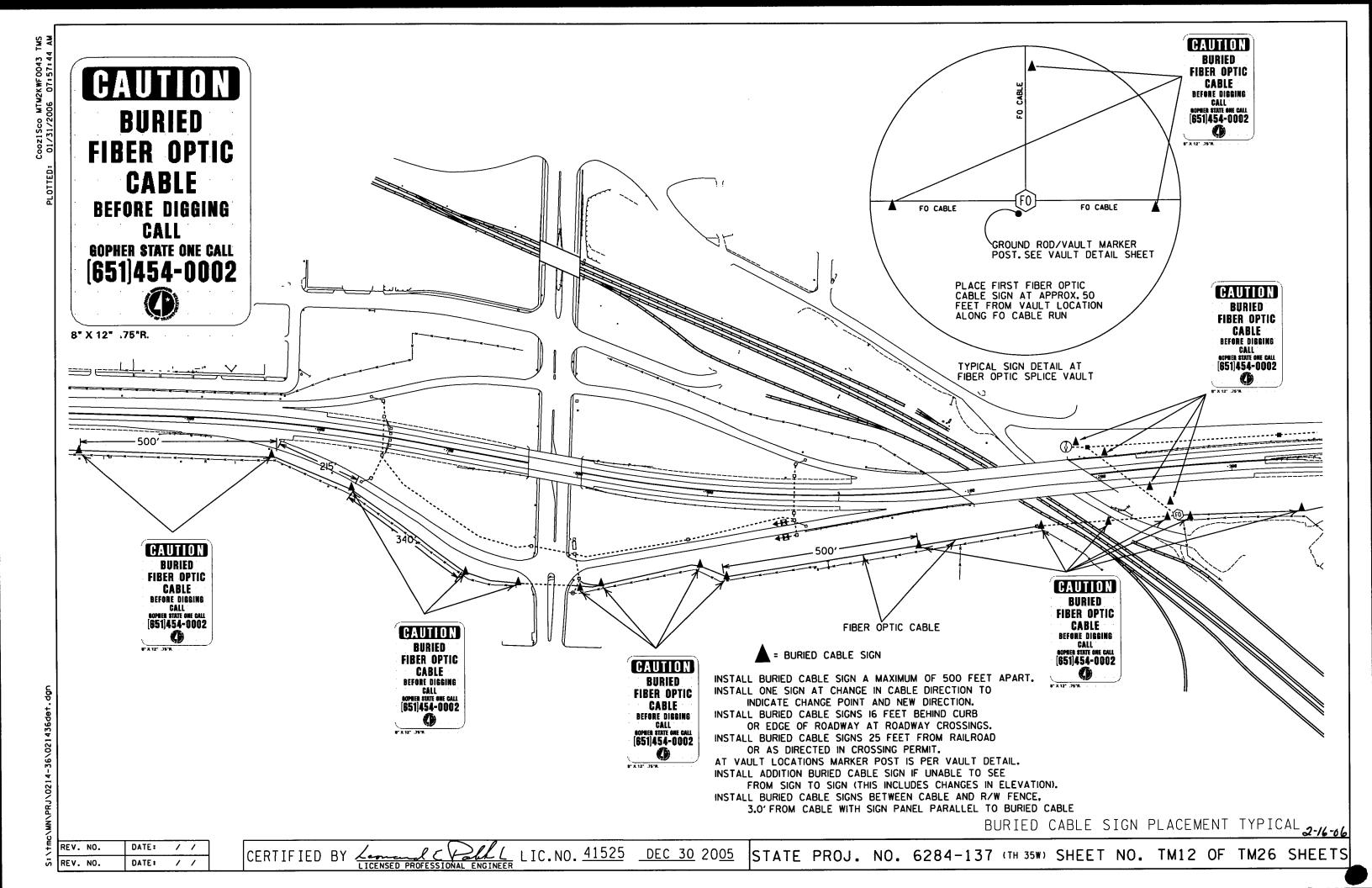
REV. NO. DATE: / /

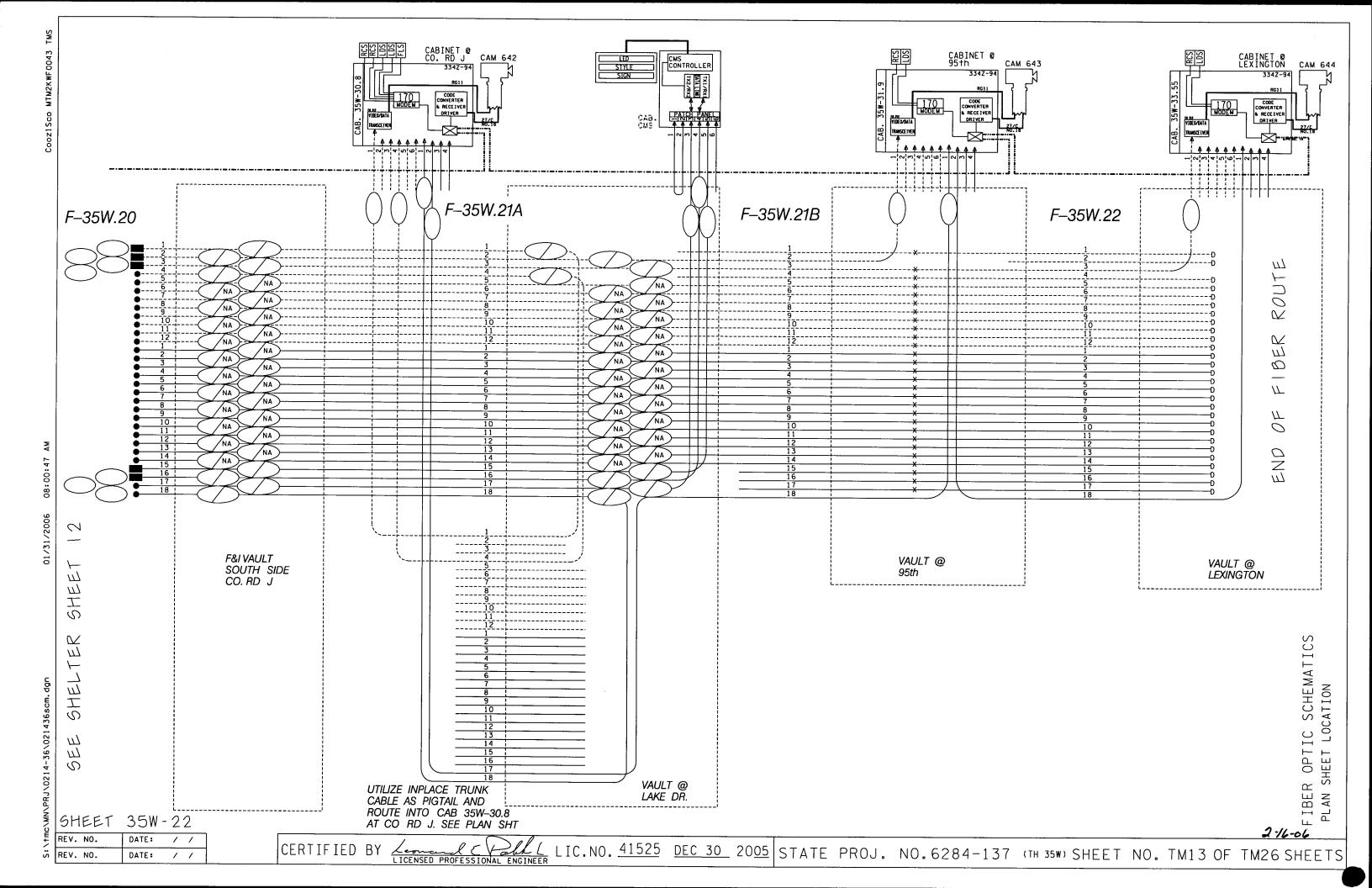
RTIFIED BY LICENSED PROFESSIONAL ENGIN

__LIC.NO. 41525 __DEC 30 2005

STATE PROJ. NO. 6284-137 (TH 35W) SHEET NO. TM10 OF TM26 SHEETS







CC	TABULATION OF SIGNING QUANTITIES		
SHEET NO.	ITEM	UNIT	SIGNING QUANTITIES
TM15	CONCRETE FOOTINGS (TYPE OH SPREAD)	CU. YD.	22
TM15	STRUCT. STEEL - POSTS FOR OH SIGNS (DESIGN B)	POUND	6148
TM15	STRUCT. STEEL - TRUSSES FOR OH SIGNS (DESIGN B)	POUND	8705 (P)
TM15	STRUCT. STEEL - WLKWY. SUPPORTS FOR OH SIGNS (DESIGN B)	POUND	198(P)
TM15	STRUCT. STEEL - WLKWY. GRATING FOR OH SIGNS (DESIGN B)	POUND	360 (P)

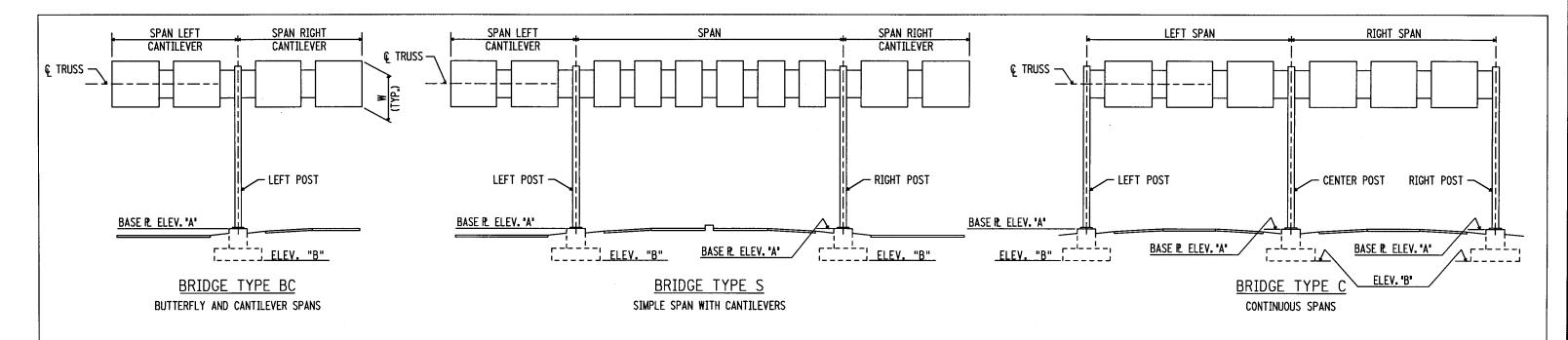
I HEREBY CERTIFY THAT SHEETS TM14-TM26 OF THIS PLAN WERE PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

DATE 1/31/06 LIC. NO. 10502 ENGR. MICHEAL B. WEISS

DESIGN SQUAD: RICK SUNSTROM

QUANTITIES

State Proj. No.



OVERHEAD SIGN STRUCTURE																	
, , , , , , , , , , , , , , , , , , , ,	SPAN LENGTHS				L	EFT POST		CI	ENTER POS	ST	R	IGHT POS	T				
SIGN NO.	STATION	BRIDGE TYPE	TRUSS TYPE	LEFT CANT.	RIGHT CANT.	SPAN OR LEFT SPAN	RIGHT SPAN	LOW STEEL ELEVATION SEE ST-1	ELEV/	ATION 1)	TYPE		ATION 1)	TYPE		ATION	TYPE
					0		JI AIN		Α	В	1	Α	В	1	A	В	1
OH 364-35W	480+00 SB	S	Α			63'-6"		117.33	98.95	93.18	1				99.13	91.79	1E

TABULATION C	F OVER	RHEAD SIGN S	STRUCTURE QUA	NTITIES (2)	
SIGN NO.		OH 364-35W			TOTALS
STRUCT. STEEL POSTS	LBS.	6148			6148
STRUCT. STEEL TRUSSES	LBS.	8705 (3)			8705
STRUCT. STEEL WALKWAY SUPPORTS	LBS.	198			198
STRUCT. STEEL WALKWAY GRATING	LBS.	360			360
STRUCT. STEEL PANEL MTG. POSTS	LBS.				<u> </u>
CONCRETE FOOTINGS (SPREAD)	CU. YD.	22.5			22.5

SPECIFIC NOTES:

- (1) Center line elevation = 100.00.
- (2) Based on tabulated elevations and dimensions. Revise if necessary using quantity tables on ST-2.
- (3) Includes mounting angles and stanchion.

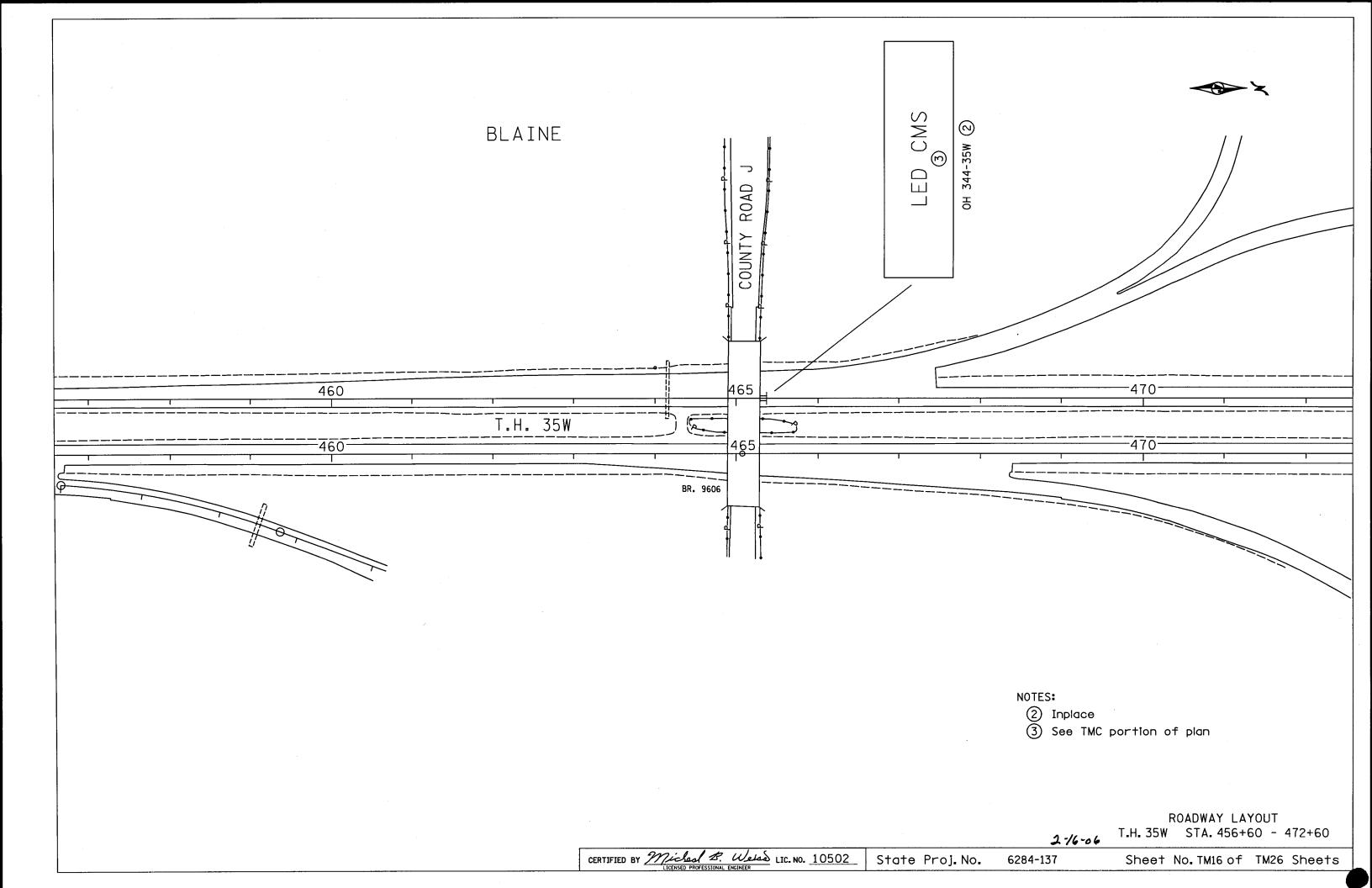
GENERAL NOTES:

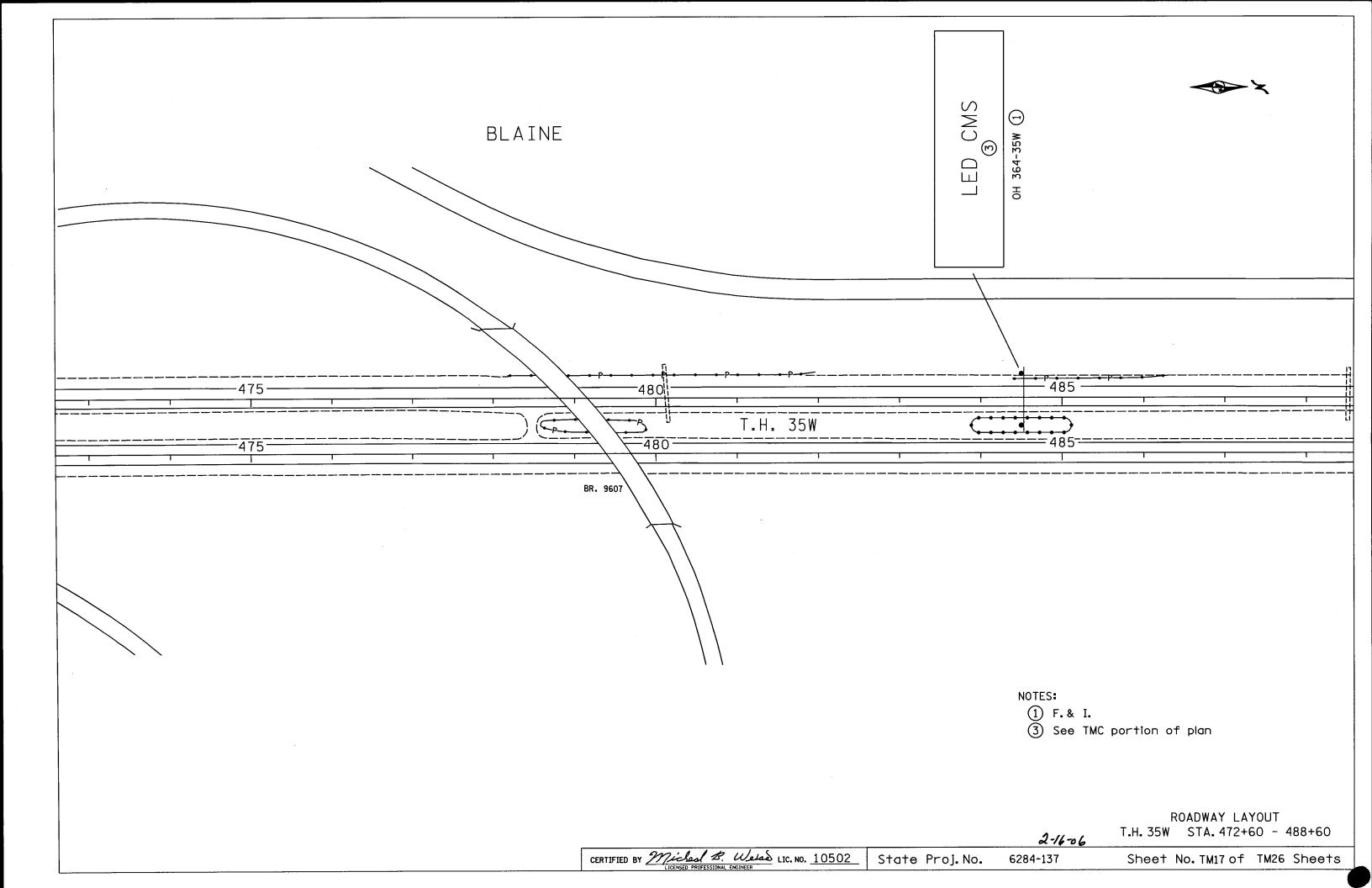
- 1. The subscript E on the post type denotes the post which has the hand hole and provisions for grounding, i.e. post type 3E.
- 2. Tabulated elevations and dimensions are approximate only. Fabrication dependent on these elevations and dimensions shall not be started until the Engineer has made final determination of them in the field.
- 3. Left and right designations are shown looking in direction of traffic flow. When two directions of traffic are spanned the designations are shown looking up stationing.
- 4. See sheets TM19-TM25 for details.
- 5. See sheet TM26 for cross section.

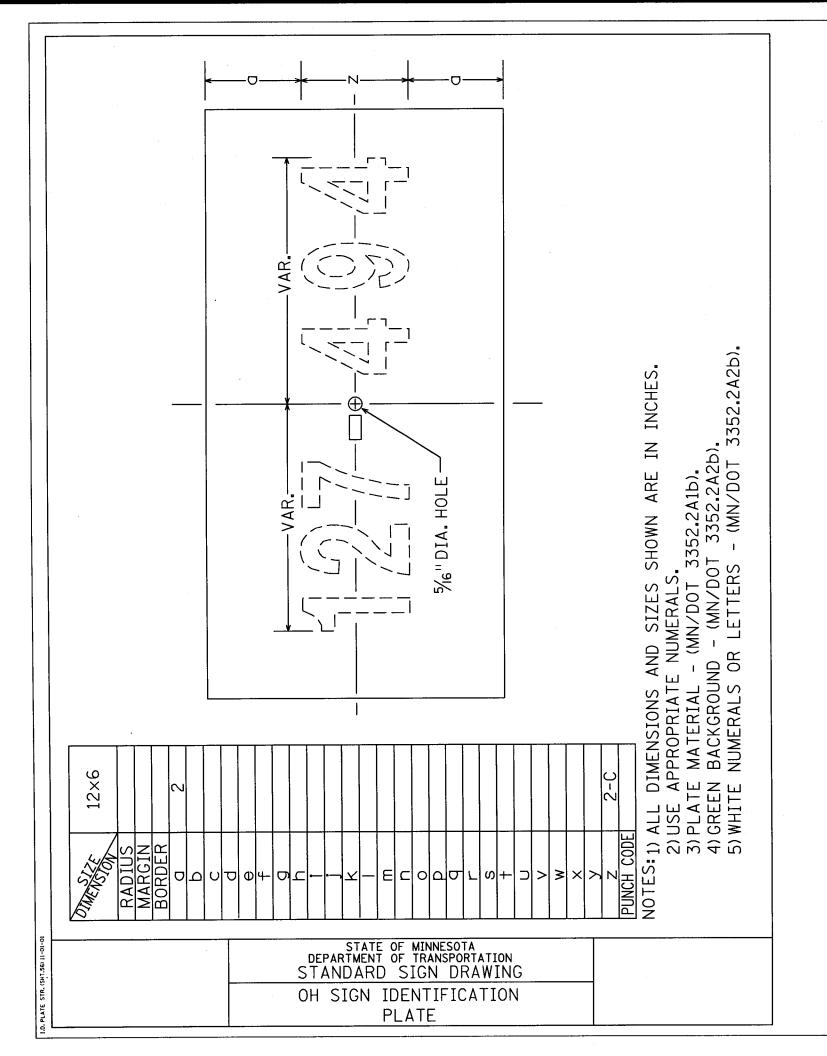
OH SIGN DATA SHEET

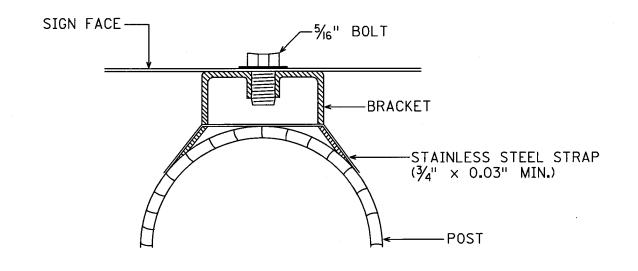
(DESIGN B)

2-16-06



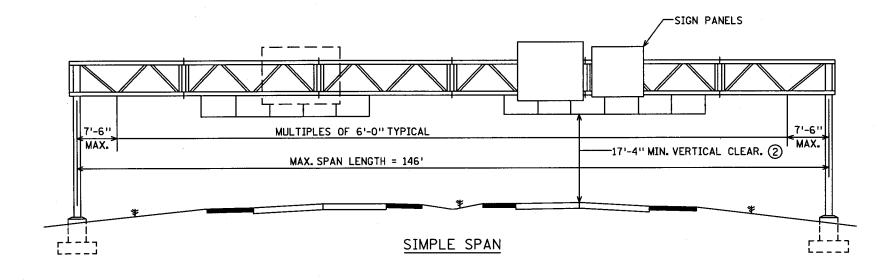


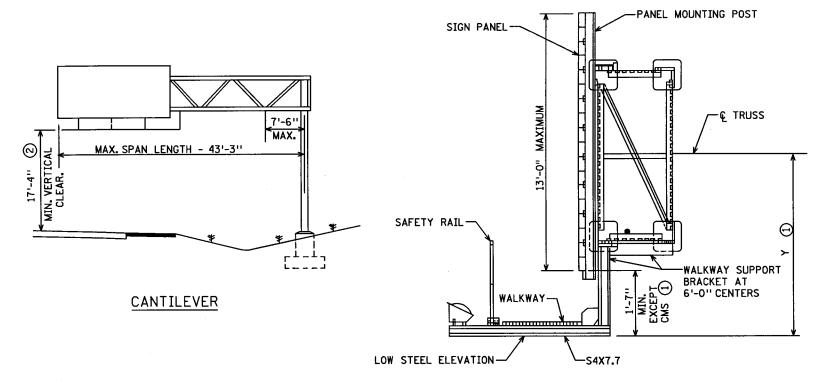




STRAP MOUNTING DETAIL

GALVANIZED OR STAINLESS STEEL BRACKET, BOLT AND WASHER.





INDEX OF STANDARD SIGN DRAWINGS

SECTION

DRAWING	TITLE				
ST-1	GENERAL ELEVATION AND NOTES	SIGN HEIGHT	ΥŒ		
ST-2	CAMBER, POST IDENTIFICATION	6'-6"		CMS	(NEW LED)
	AND ESTIMATED QUANTITIES	7'-0" 7'-6"	4'-7"		
ST-3	FOUNDATIONS AND ANCHOR RODS	8'-0"	4'-10" 5'-1"	CHE	(I ED)
ST-4	TRUSS/POST CONNECTION & BASEPLATE	8'-6"	5'-4"	CMS	(LED)
ST-5	SIGN TRUSS DETAILS - TYPE A	9'-0"		LNC	(DRUM)
ST-6	SIGN TRUSS DETAILS - TYPE B	9'-6"	5'-10"	CMS	CONONI
ST-7	SIGN TRUSS DETAILS - TYPE C	10'-0"	6'-1"		
ST-8	WALKWAY DETAILS	10'-6"	6'-4"		
ST-9	FOLDING HANDRAIL	11'-0"	6'-7"		
ST-10	SIGN PANEL AND PANEL MOUNTING POST DETAILS	11'-6"	6'-10"		
ST-11	ELECTRICAL DETAILS	12'-0"	7'-1"		
ST-12	ELECTRICAL DETAILS	12'-6"	7'-4"		
ST-13	ELECTRICAL DETAILS (CMS SIGNS)	13'-0"	7'-7"		

SPECIFIC NOTES:

① DIMENSION Y IS CONSTANT AND BASED ON THE DEEPEST SIGN PANEL ABOVE THAT WALKWAY. WHEN STANDARD SIGN PANEL(S) AND CMS ARE MOUNTED ON THE SAME SPAN,

DIMENSION Y SHALL BE GOVERNED BY THE CMS.

② MINIMUM CLEARANCE WILL BE MEASURED FROM THE HIGHEST ELEVATION OF PAVEMENT, SHOULDERS, AND MOUNTABLE CURBS, OR IF INSURMOUNTABLE CURBS ARE USED, THE HIGHEST ELEVATION BETWEEN CURB LINES.

GENERAL NOTES:

DESIGN SPECIFICATIONS:

TRUSS, POST, & HARDWARE: AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS DATED 1999.

WIND LOAD 90 M.P.H. NORMAL TO SIGN FACE IN COMBINATION WITH OTHER LOADS OUTLINED IN THE DESIGN SPECIFICATIONS.

UNIT STRESSES:

CONCRETE----- Fc = 1,600 PSI REINFORCEMENT STEEL------ Fs = 24.000 PSI FOOTING SOIL PRESSURE----- 1-1/4 TONS PER SQ. FT.

MATERIALS:

STRUCTURAL STEEL (EXCEPT POST, TUBES)- Mn/DOT 3306 POST STEEL----- VARIES HIGH STRENGTH BOLTS----- Mn/DOT 3391.2B ANCHOR RODS----- Mn/DOT 3385 CASTINGS----- Mn/DOT 3322 REINFORCEMENT BARS----- Mn/DOT 3301 SPIRAL----- Mn/DOT 3305 NO SPLICES WALKWAY GRATING----- FEDERAL SPECIFICATIONS RR-G-661b. TYPE 1, STEEL CONCRETE----- Mn/DOT 2461 (MIX 3Y43)

FINISH:

ALL COMPONENTS SHALL BE GALVANIZED AFTER FABRICATION EXCEPT REINFORCEMENT BARS, LOWER PORTION OF ANCHOR RODS, ALUMINUM, AND OTHER NON FERROUS INCIDENTALS. GALVANIZING SHALL CONFORM TO Mn/DOT 3392 OR Mn/DOT 3394 AS APPLICABLE. BEARING SURFACES MUST BE SMOOTH.

FABRICATION OF STRUCTURAL METALS SHALL BE IN ACCORDANCE WITH Mn/DOT 2471, Mn/DOT 2564 AND THE APPLICABLE SPECIAL PROVISIONS. ALL WELDING TO BE CONTINUOUS. ALL CONTACT SURFACES MUST BE COMPLETELY SEALED.

INSPECTION BEFORE AND AFTER GALVANIZING PER Mn/DOT 1511 AND Mn/DOT 2471.

> STANDARD OVERHEAD SIGN SUPPORTS INTERIM DESIGN B

> > GENERAL ELEVATIONS AND NOTES

2-16-06

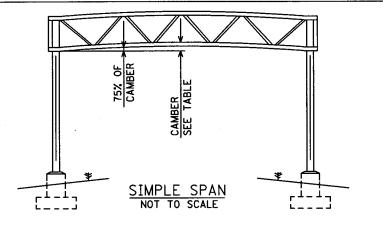
DRAWING ST-1

Sheet No. TM19 of TM26 Sheets

SIMPLE SPAN

SIMPLE SPAN TRUSS CAMBER												
SPAN	40	50	60	70	80	90	100	110	120	130	140	150
CAMBER	1/4	7/16	5/8	13/16	11/16	13/8	111/16	2	23/8	213/16	31/4	33/4
DL DEFLECTION	0	1/16	1/16	1/8_	1/4	3/8	%	13/16	11/8	11/2	21/16	211/16
RESIDUAL CAMBER	1/4	3∕8	%6	11/16	13/16	1	11/8	13/16	11/4	15/16	13/16	11/16

CAMBER AND DEFLECTIONS SHOWN ARE AT & SPAN. THE DEFLECTIONS AND CAMBER AT THE QUARTER POINTS SHALL BE APPROXIMATELY 75% OF THESE VALUES.



CANTILEVER SPAN

CANTILEVER SPAN TRUSS CAMBER							
SPAN	151	20'	30'	40'	45'		
CAMBER	1/8	1/4	5/8	11/16	11/4		
DL DEFLECTION	0	0	1/16	3/16	1/4		
RESIDUAL CAMBER	√ _B	1/4	%6	7∕8	1		

BASEPLATE

DESIGN

Α

CAMBER AND DEFLECTIONS SHOWN ARE SHOWN AT END OF CANTILEVER.

WHEN ERECTING CANTILEVER TRUSSES, THE POSTS SHALL BE SET 1/8" PER FOOT OUT OF PLUMB TO COMPENSATE FOR THE BENDING OF THE POSTS.

WALL

(INCH)

N.A.

0.375

0.500

0.562

0.938

0.594

N.A.

DIAMETER | THICKNESS

PERMISSIBLE PIPE SECTIONS

OUTSIDE

DIAMETER

(INCH)

18

20

20

WALL

THICKNESS

(INCH)

0.250

0.312

0.375

0.500

0.750

0.500

0.812

MIN. YIELD=35 KSI MIN. YIELD=42 KSI

CAMBER SEE TABLE	
CANTILEVER SPAN NOT TO SCALE	

1. USE 3'-4¾" WIDE GRATING € 44 LBS/FT.

MOUNTING CHANNELS (4 LBS/FT.).

2. WEIGHT INCLUDES HANDRAIL (12 LBS/FT.) AND FIXTURE

WALKWAY WEIGHTS:

FOR FOUNDATION QUANTITIES SEE DRAWING ST-3

CMS(NEW LED)

CMS (LED)	
CMS (LED)	

WHEN CONVENTIONAL SIGN PANEL(S) AND CMS ARE MOUNTED ON THE SAME SPAN, QUANTITIES SHALL BE GOVERNED BY THE CMS.						
PANEL	TRUSS TYPE (WEIGHT/SUPPORT)					
HEIGHT	A	В	С			
6'-6"	99	105	113			
7'-0"	101	107	115			
7'-6"	103	109	117			
8'-0"	105	111	119			
8'-6"	107	113	121			
9'-0"	109	115	123			
9'-6"	111	117	125			
10'-0"	113	119	127			
10'-6"	115	121	129			
11'-0"	135	142	151			
11'-6"	138	144	153			
12'-0"	141	147	156			
12'-6"	143	150	159			
13'-0"	146	153	162			

TRUSS QUANTITIES USE LENGTH FROM & POST WHEN CALCULATING TOTAL WEIGHTS. TRUSS TYPE A TRUSS TYPE B TRUSS TYPE C 123 LBS./FT. 168 LBS./FT. 196 LBS./FT.

> PANEL MOUNTING POST QUANTITIES INCLUDES MOUNTING ANGLES

PANEL HEIGHT

6'-6'

7'-0"

7'-6"

8'-0"

8'-6"

9'-0"

9'-6"

10'-0"

10'-6"

11'-0" 11'-6"

12'-0"

12'-6"

13'-0"

WALKWAY SUPPORT QUANTITIES

USE MAXIMUM PANEL HEIGHT ON SPAN TO CALCULATE QUANTITIES.

WEIGHT/POST

78

82

86

90

93

97

101

160

166

172

178

POST IDENTIFICATION NOTES:

POST

IDENTIFICATION

NUMBER

POST MATERIAL SHALL CONFORM TO ONE OF THE FOLLOWING SPECIFICATIONS: ASTM A709, GRADE 36 ASTM A53, GRADE B

TABLE 1 - POST IDENTIFICATION

OUTSIDE

(INCH)

N.A.

18

18

18

18

20

N.A.

WALL THICKNESS IS MINIMUM, THINNER WALLS WILL NOT BE APPROVED

API 5L, GRADES B, X42, X46, X52, X56, X60, X65

CONTRACTOR SHALL DEMONSTRATE THAT THE POST MATERIAL MEETS THE REQUIREMENTS OF ONE OF THE ABOVE CITED SPECIFICATIONS AND THE MINIMUM YIELD STRENGTH.

NO SPLICES OF ANY KIND WILL BE PERMITTED IN POSTS INTENDED FOR USE IN CANTILEVER TYPE STRUCTURES (BRIDGE TYPE BC).

ONE OF TWO POSTS FOR SIMPLE SPAN STRUCTURES (BRIDGE TYPE S) MAY INCORPORATE ONE WELDED CIRCUMFERENTIAL BUTT SPLICE CONFORMING TO AWS D1.1 DETAIL B-U2 IN THE UPPER 1/3 OF ITS LENGTH. BACK UP RINGS FOR THESE WELDED SPLICES SHALL BE COMMERCIAL PRODUCTS. BUTT WELDS REQUIRE RADIOGRAPHIC INSPECTION (Mn/DOT 2471.3).

ALL RADIOGRAPHIC INSPECTIONS AND MAGNETIC PARTICLE TESTING REPORTS AND RADIOGRAPHIC FILMS SHALL BECOME THE PROPERTY OF THE DEPARTMENT.

SEE DRAWING ST-4 FOR BASEPLATE DETAILS.

POST QUANTITIES

QUANTITIES INCLUDE ANCHORAGE ASSEMBLY AND TRUSS CONNECTION PLATES. PAY LENGTH OF POSTS IS FROM THE BOTTOM OF THE BASE PLATE (ELEV. A) TO THE TOP OF THE TRUSS. POST QUANTITIES ARE BASED ON GRADE 42 STEEL. NO ADJUSTMENTS WILL BE MADE IN THE QUANTITIES FOR THE USE OF GRADE 35 STEEL POSTS.

	CANTILEVER		SIMPLE SPAN		
POST TYPE	TRUSS TYPE A	TRUSS TYPE B	TRUSS TYPE A	TRUSS TYPE B	TRUSS TYPE C
1	1880+47 LBS/FT	2470+47 LBS/FT	1870+47 LBS/FT	1890+47 LBS/FT	1915+47 LBS/FT
2	1880+59 LBS/FT	2470+59 LBS/FT	1870+59 LBS/FT	1890+59 LBS/FT	1915+59 LBS/FT
3	1880+71 LBS/FT	2470+71 LBS/FT	1870+71 LBS/FT	1890+71 LBS/FT	1915+71 LBS/FT
4	1880+94 LBS/FT	2470+94 LBS/FT	1870+94 LBS/FT	1890+94 LBS/FT	1915+94 LBS/FT
5	1910+138 LBS/FT	2500+138 LBS/FT	2460+138 LBS/FT	2480+138 LBS/FT	2505+138 LBS/FT
6	N/A	2500+104 LBS/FT	N/A	2545+104 LBS/FT	2570+104 LBS/FT
7	N/A	2500+167 LBS/FT	N/A	2545+167 LBS/FT	2570+167 LBS/FT

STANDARD OVERHEAD SIGN SUPPORTS INTERIM DESIGN B

CAMBER, POST IDENTIFICATION AND ESTIMATED QUANTITIES

2-16-06

DRAWING ST-2

6284-137

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State Proj. No.

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