

reutlon1 T79CWW161FRW023 TMS
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LEGEND OF SYMBOLS	
-----	CONDUIT - INPLACE
=====	CONDUIT - F&I
--- ••---	CONDUIT FIBER ONLY - INPLACE
==== ••====	CONDUIT FIBER ONLY - F&I
—••—	DIRECT BURIED COMMUNICATION CABLE - INPLACE
—•—	DIRECT BURIED POWER CABLE - INPLACE
□	LOOP DETECTOR-DESIGN (SPECIFY)
P	LOOP DETECTOR- DESIGN PERFORMED
S	LOOP DETECTOR- DESIGN SAWCUT
N	LOOP DETECTOR- DESIGN NMC
V	LOOP DETECTOR- DESIGN VIRTUAL
⊠→	WARNING FLASHER - INPLACE
⊠→	WARNING FLASHER - F&I
⌋	GATE ARM - INPLACE
⌋	FOUNDATION INPLACE, GATE ARM - F&I
⌋	FOUNDATION F&I, GATE ARM - F&I
☀	TOLLING BEACON - INPLACE
☀	TOLLING BEACON - F&I
⌚	TOLLING READER
⊕	HANDHOLE - INPLACE
◻	JUNCTION BOX OR CONDULET - INPLACE
◻	JUNCTION BOX OR CONDULET - F&I
⌋	OVERHEAD SIGN STRUCTURE - INPLACE
⌋	OVERHEAD SIGN STRUCTURE - F&I
T	SIGN (TYPE DMS) - (SPECIFY) - INPLACE
T	SIGN (TYPE DMS) - (SPECIFY) - F&I
□	FOUNDATION/CABINET (SPECIFY) - INPLACE
■	FOUNDATION/CABINET (SPECIFY) - F&I
SG	SIGNAL CABINET

-----GPS-----
 LINSTYLES WITH GPS DESIGNATION
 HAVE BEEN FIELD LOCATED

LEGEND OF SYMBOLS	
⊠	PEDESTAL - INPLACE
⊠	PEDESTAL - F&I
⊠→	RAMP CONTROL SIGNAL (DESIGN ONE-WAY) - INPLACE
⊠→	RAMP CONTROL SIGNAL (DESIGN ONE-WAY) - F&I
⊠↔	RAMP CONTROL SIGNAL (DESIGN TWO-WAY) - INPLACE
⊠↔	RAMP CONTROL SIGNAL (DESIGN TWO-WAY) - F&I
⊠→	RAMP CONTROL SIGNAL (DESIGN ONE-WAY)(SCREW IN BASE) - INPLACE
□	SHELTER CABINET (TMS) - INPLACE
■	SHELTER CABINET (TMS) - F&I
⊕	SPLICE CABINET - (SPECIFY)
⊕	SPLICE VAULT (FIBER OPTIC) - (SPECIFY)
TV	TELEVISION CAMERA (CCTV) - (SPECIFY)
⌋	NON-INTRUSIVE DETECTION/POLE - INPLACE
⌋	NON-INTRUSIVE DETECTION/POLE - F&I
TV	NON-INTRUSIVE DETECTION/POLE & CAMERA
I	INTELLIGENT LANE CONTROL SIGN - INPLACE
I	INTELLIGENT LANE CONTROL SIGN - F&I
LCS	LANE CONTROL SIGNAL - SPECIFY
○	WOOD POLE - INPLACE
●	WOOD POLE - F&I
⌋	WOOD POLE INPLACE, SERVICE INSTALLATION - INPLACE
⌋	WOOD POLE INPLACE, SERVICE INSTALLATION - F&I
PV	PULL VAULT - INPLACE
PV	PULL VAULT - F&I
E	ELECTRICAL SERVICE - INPLACE
E	ELECTRICAL SERVICE - F&I
T	POWER COMPANY TRANSFORMER
△	POWER COMPANY PEDESTAL
GEN	GENERATOR
⊠	PEDESTRIAN GATE - F&I

STANDARD PLATES

THE FOLLOWING STANDARD PLATES, APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION, SHALL APPLY ON THIS PROJECT	
PLATE NO.	DESCRIPTION
3131C	PRECAST CONCRETE HEADWALL FOR SUBSURFACE DRAINS
8110E	TRAFFIC SIGNAL BRACKETING (POLE MOUNTED)
8111E	TRAFFIC SIGNAL BRACKETING (PEDISTAL MOUNTED)
8112I	PEDESTAL FOUNDATION (TRAFFIC CONTROL SIGNALS)
8119C	GROUND MOUNTED CABINET FOUNDATION
8120Q	POLE FOUNDATION (PA 85) ①
8122F	PEDESTAL AND PEDESTAL BASE (FOR TRAFFIC CONTROL SIGNALS SUPPORT)
8127E	LIGHT FOUNDATION - DESIGN E PRECAST 40' POLE OR LESS ②
8150C	INSTALLATION OF CULVERT MARKERS

① MODIFIED TO INCLUDE 3 NUTS AND 2 WASHERS

② ANCHOR BOLTS SHALL EXTEND 5" ABOVE FOUNDATION

I HEREBY CERTIFY THAT SHEETS ?? THROUGH ?? 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.

NAME _____
 DATE JAN 1, 2018 LIC. NO. 12345
 DESIGNER NAME _____

REVISED 6/27/18

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

TMS COMPONENTS

STATE PROJ. NO. XXXX-XXX (TH XXX) SHEET NO. XXXX? OF XXXXX SHEETS