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STANDARD PLATES

LEGEND OF SYMBOLS	
-----	CONDUIT - INPLACE
=====	CONDUIT - F&I
=====	CONDUIT - F&I BORE
----••----	CONDUIT FIBER ONLY - INPLACE
====••====	CONDUIT FIBER ONLY - F&I
====••====	CONDUIT FIBER ONLY - F&I BORE
---••---	DIRECT BURIED COMMUNICATION CABLE - INPLACE
---•---	DIRECT BURIED POWER CABLE - INPLACE
□	LOOP DETECTOR-DESIGN (SPECIFY)
P	LOOP DETECTOR- DESIGN PREFORMED
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
SIG	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
S	SPLICE CABINET - (SPECIFY)
FO	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

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
9322K	CHAIN LINK FENCE POSTS & GATES

- ① MODIFIED TO INCLUDE 3 NUTS AND 2 WASHERS
- ② ANCHOR BOLTS SHALL EXTEND 5" ABOVE FOUNDATION

UTILITY	NOTE
Mn/DOT	LEAVE AS IS
Reliant Energy/Minnegasco	LEAVE AS IS
Qwest	LEAVE AS IS
Xcel Energy	LEAVE AS IS
Koch Pipelines	LEAVE AS IS
Williams Pipeline	LEAVE AS IS
Northern Natural Gas	LEAVE AS IS
MCI/ Worldcom	LEAVE AS IS
ATT Broadband	LEAVE AS IS
Others as Received From Gopher One	

NOTE:

UTILITIES SHOWN ARE A COMPILATION OF INFORMATION PROVIDED BY THE UTILITY COMPANIES AND PREVIOUS PROJECTS WITHIN THE AREA THE UTILITIES WERE NOT FIELD LOCATED.

THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL D. THIS UTILITY QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF CI/ASCE 38-02, ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUB SURFACE UTILITY DATA"

NO UTILITIES WILL BE AFFECTED BY THIS PROJECT.

THE CONTRACTOR SHALL NOTIFY GOPHER STATE ONE CALL FOR UTILITY LOCATES PRIOR TO BEGINNING ANY CONSTRUCTION.

GOPHER STATE ONE CALL IS MINNESOTA UNDERGROUND FACILITY NOTIFICATION CENTER. IT SHOULD BE NOTED THAT IN ACCORDANCE WITH MINNESOTA STATUTE 216D, IT IS REQUIRED THAT ALL CONSTRUCTION PROJECTS INVOLVING EXCAVATION REQUIRES THE PARTY DOING THE EXCAVATION TO NOTIFY GOPHER STATE ONE. NOTIFY 48 HOURS PRIOR TO EXCAVATION.

TMS COMPONENTS

REVISED 4/5/22

REV. NO.	DATE: / /	CERTIFIED BY _____ LIC.NO. <u>12345</u> DATE <u>2021</u>	STATE PROJ. NO. XXXX-XXX (TH xxx)	SHEET NO. XXXX? OF XXXXX SHEETS
REV. NO.	DATE: / /		LICENSED PROFESSIONAL ENGINEER	