

ITS GENERAL NOTES

THESE PLANS AND THE ASSOCIATED SPECIAL PROVISIONS REFLECT CONDITIONS KNOWN DURING THE DEVELOPMENT OF THE PLANS AND SPECIAL PROVISIONS. ALL SCALES, DIMENSIONS, AND LOCATIONS SHOWN IN THESE PLANS ARE APPROXIMATE. ACTUAL PHYSICAL FIELD CONDITIONS SHALL PROVIDE THE BASIS FOR THE APPLICATION OF WORK SHOWN IN THE PLANS. THE CONTRACTOR IS FULLY RESPONSIBLE FOR THE APPLICATION OF ALL WORK SHOWN IN THE PLANS TO THE ACTUAL PHYSICAL FIELD CONDITIONS TO PROVIDE A COMPLETE AND ACCEPTED PROJECT. IN THE EVENT THAT ACTUAL PHYSICAL FIELD CONDITIONS AFFECT OR PREVENT THE APPLICATION OR PROGRESSION OF ANY WORK SHOWN IN THE PLANS OR SPECIAL PROVISIONS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY, AND PRIOR TO ANY FURTHER WORK ACTIVITY. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY LOCATION CHANGES.

THE LOCATION OF EXISTING AND PROPOSED UTILITY INSTALLATIONS SHOWN ON THE PLANS IS APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

ALL EXISTING UNDERGROUND AND ABOVE GROUND STRUCTURES AND FACILITIES WITHIN THE SCOPE OF THIS PROJECT MAY NOT BE LOCATED IN THE PLANS. THE CONTRACTOR IS FULLY RESPONSIBLE FOR LOCATING AND AVOIDING ALL UNDERGROUND AND ABOVE GROUND STRUCTURES AND FACILITIES.

NO TEST BORINGS WERE MADE WHERE CONDUIT, PULL BOXES, POLES, FOUNDATIONS, OR OTHER EQUIPMENT IS TO BE INSTALLED.

THE CONTRACTOR IS FULLY RESPONSIBLE FOR EXAMINING THE JOB SITE CONDITIONS BEFORE SUBMITTING BID PROPOSALS.

NO TREES OR SHRUBS ARE TO BE REMOVED WITHOUT APPROVAL OF THE ENGINEER.

AREAS WITHIN RIGHT-OF-WAY DISTURBED SPECIFICALLY FOR ITS CONSTRUCTION ARE TO BE RESTORED TO THE ORIGINAL CONDITION WITH TOPSOIL, FERTILIZER, SEED, AND MULCH. RESTORATION FOR AREAS DISTURBED FOR OTHER CONSTRUCTION OPERATIONS, BUT ALSO CONTAINING ITS CONSTRUCTION, WILL BE DONE ACCORDING TO REQUIREMENTS AND PAYMENT PROVISIONS FOR THE OTHER CONSTRUCTION OPERATIONS. NO PAYMENT WILL BE MADE FOR RESTORING AREAS DISTURBED FOR ITS CONSTRUCTION OPERATIONS.

DUE TO RAMP, LANE, AND SHOULDER CLOSURE RESTRICTIONS AND WORK UNDER OTHER CONTRACTS, SOME WORK MAY BE REQUIRED TO BE PERFORMED AT NIGHT. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING RAMP, LANE, SHOULDER, AND ROADWAY CLOSURES WITH OTHER CONTRACTS IN THE AREA.

NOTIFY THE REGIONAL TRAFFIC UNIT (PRIMARY 608-246-5367, SECONDARY 608-246-5362), A MINIMUM OF TWO (2) WEEKS PRIOR TO STAKING THE ITS ITEMS.

HAND DIG TRENCHES NEAR EXISTING CONDUIT CONTAINING FIBER OPTIC CABLE. VERIFY DEPTHS OF EXISTING CONDUITS CONTAINING FIBER OPTIC CABLE PRIOR TO CROSSING BY DIRECTIONAL BORE.

ITS LEGEND

DESCRIPTION	SYMBOL
JUNCTION BOX	■
CCTV CAMERA	◀■
GROUND MOUNTED CABINET	⌘
POLE MOUNTED CABINET	⌘
POLE	●
PULL BOX NON-CONDUCTIVE 24X36	○
PULL BOX NON-CONDUCTIVE 24X42	⊙
COMMUNICATIONS VAULT	⌚
COMMUNICATIONS MANHOLE	⊗
MICROWAVE DETECTOR	◆
ITS CONDUIT	---
DYNAMIC MESSAGE SIGN, OVERHEAD	┌┐
DYNAMIC MESSAGE SIGN, ROADSIDE	≡
DYNAMIC MESSAGE SIGN, BUTTERFLY	≡
DYNAMIC MESSAGE SIGN, CANTILEVER	└┘
PORTABLE CHANGEABLE MESSAGE SIGN	PCMS
ROAD WEATHER INFORMATION SYSTEM	⌚
METER BREAKER PEDESTAL	⊗
METER SOCKET	⊗
BREAKER DISCONNECT BOX	⌘
RAMP CLOSURE GATE	⌚
BLUETOOTH SENSOR	⌚
WIRELESS MESH NODE	⌚
AUTOMATIC TRAFFIC RECORDER	ATR
WOODEN POWER POLE	⌚
WOOD POST	⌚
TRANSFORMER	⌚
DETECTION ZONE	○
QUANTITY POINT	▲

ITS STANDARD ABBREVIATIONS

ATR	----	AUTOMATIC TRAFFIC RECORDER
CB	----	CONTROLLER CABINET
CCTV	----	CLOSED CIRCUIT TELEVISION
CP	----	CAMERA POLE
CV	----	COMMUNICATIONS VAULT
DMS	----	DYNAMIC MESSAGE SIGN
DP	----	DETECTOR POLE
DS	----	DRAINAGE STRUCTURE (ON ITS PLANS ONLY)
EX	----	EXISTING
FO	----	FIBER OPTIC
JB	----	JUNCTION BOX
MB	----	METER BREAKER
MD	----	MICROWAVE DETECTOR
MH	----	MANHOLE
MM	----	MULTIMODE
PB	----	PULL BOX
PCMS	----	PORTABLE CHANGEABLE MESSAGE SIGN
PF	----	POLE FOUNDATION
PP	----	POWER POLE
QP	----	QUANTITY POINT
RWIS	----	ROAD WEATHER INFORMATION SYSTEM
S	----	OVERHEAD SIGNAL SUPPORT
SB	----	SIGNAL BASE
SDS	----	SYSTEM DETECTOR STATION
SM	----	SINGLE MODE
SWEF	----	SAFETY AND WEIGHT ENFORCEMENT FACILITY
WDS	----	WIRELESS DETECTION SENSOR
WM	----	WEIGH IN MOTION
WMN	----	WIRELESS MESH NODE

ITS CONTACTS

WISCONSIN DEPARTMENT OF TRANSPORTATION
SW REGION
MR. KYLE HEMP
608-246-5367
MR. GRAHAM HEITZ
608-246-5362
2101 WRIGHT ST
MADISON, WI 53704

WISCONSIN DEPARTMENT OF TRANSPORTATION
STATEWIDE TRAFFIC OPERATIONS CENTER
MR. DEAN BEEKMAN
414-227-2154
MR. DON SCHELL
414-227-2148
433 W. ST. PAUL AVENUE, SUITE 300
MILWAUKEE, WI 53203

SRF CONSULTING GROUP
INTELLIGENT TRANSPORTATION SYSTEMS
MR. JACOB FOLKERINGA
763-452-4730
MS. CORTNEY FALERO
763-452-4806
1 CARLSON PARKWAY NORTH, SUITE 150
MINNEAPOLIS, MN 55447

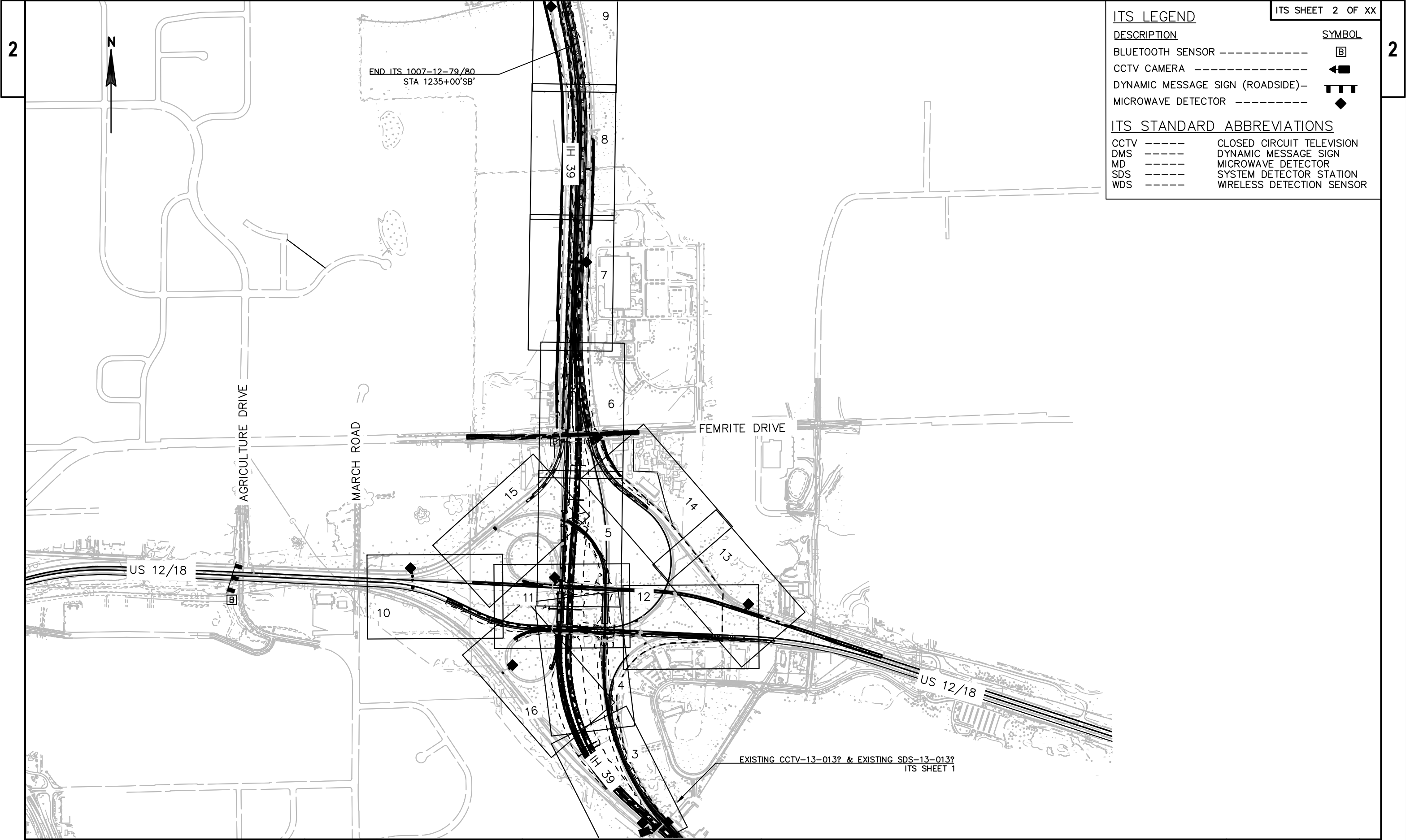
60% PLAN SUBMITTAL

ORIGINAL PLANS PREPARED BY



ITS SHEETS 1-XX

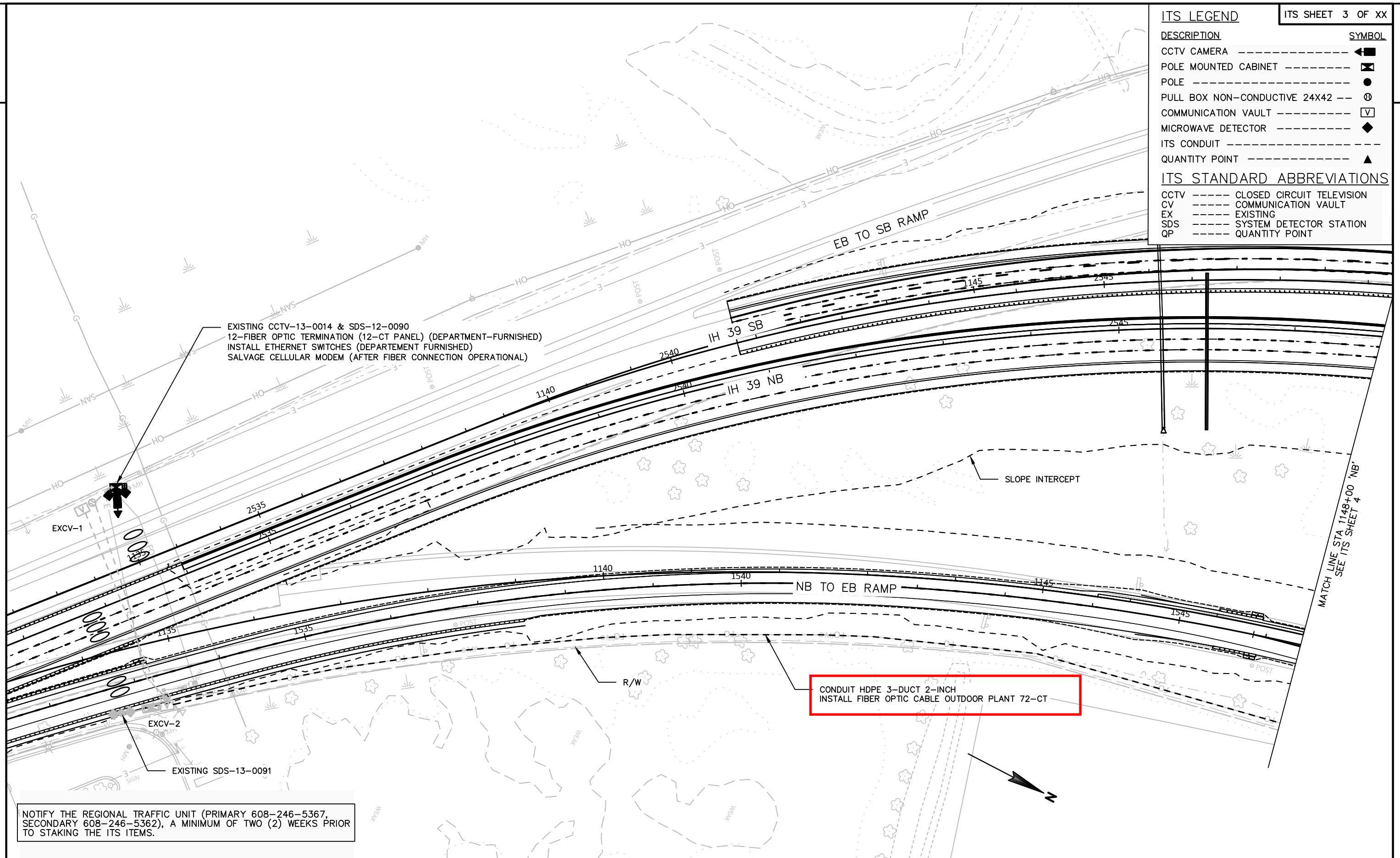
(Date) (Signature)



ITS LEGEND

ITS SHEET 3 OF XX

DESCRIPTION	SYMBOL
CCTV CAMERA	
POLE MOUNTED CABINET	
POLE	
PULL BOX NON-CONDUCTIVE 24X42	
COMMUNICATION VAULT	
MICROWAVE DETECTOR	
ITS CONDUIT	
QUANTITY POINT	
ITS STANDARD ABBREVIATIONS	
CCTV	CLOSED CIRCUIT TELEVISION
CV	COMMUNICATION VAULT
EX	EXISTING
SDS	SYSTEM DETECTOR STATION
QP	QUANTITY POINT



PROJECT NO: 1007-12-79/80

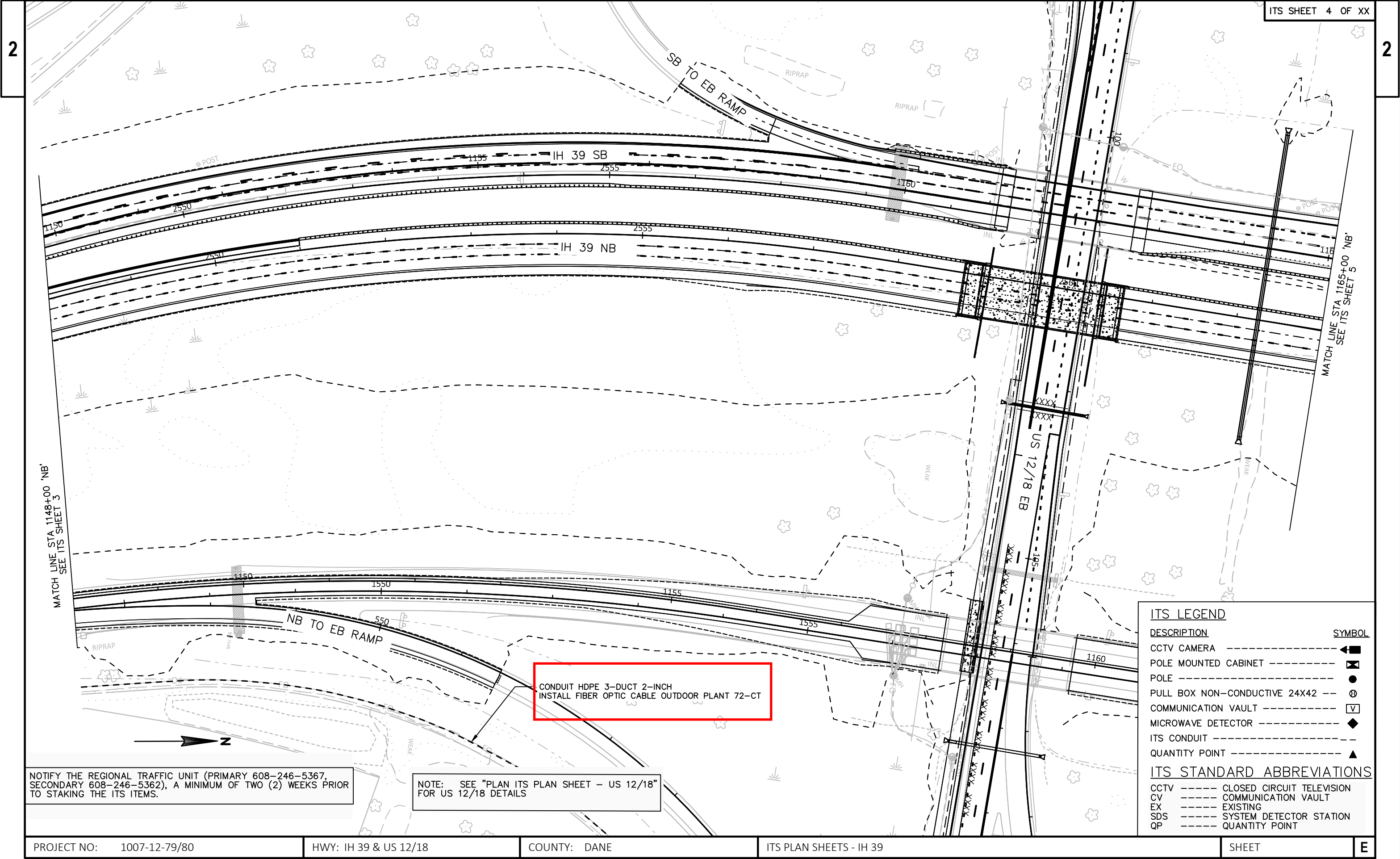
HWY: IH 39 & US 12/18

COUNTY: DANE

ITS PLAN SHEETS - IH 39

SHEET

E



PROJECT NO: 1007-12-79/80

HWY: IH 39 & US 12/18

COUNTY: DANE

ITS PLAN SHEETS - IH 39

SHEET

E

FILE NAME : H:\PROJECTS\8136.01\CAD_BIM\1007-12-79_80_BIC\SHEETS\SHEETSPLAN\SR_ITS PLANS_10071279_80.DWG

LAYOUT NAME - ITS SHEET 2

PLOT DATE : 8/6/2019 9:58 AM

PLOT BY : CORTNEY FALERO

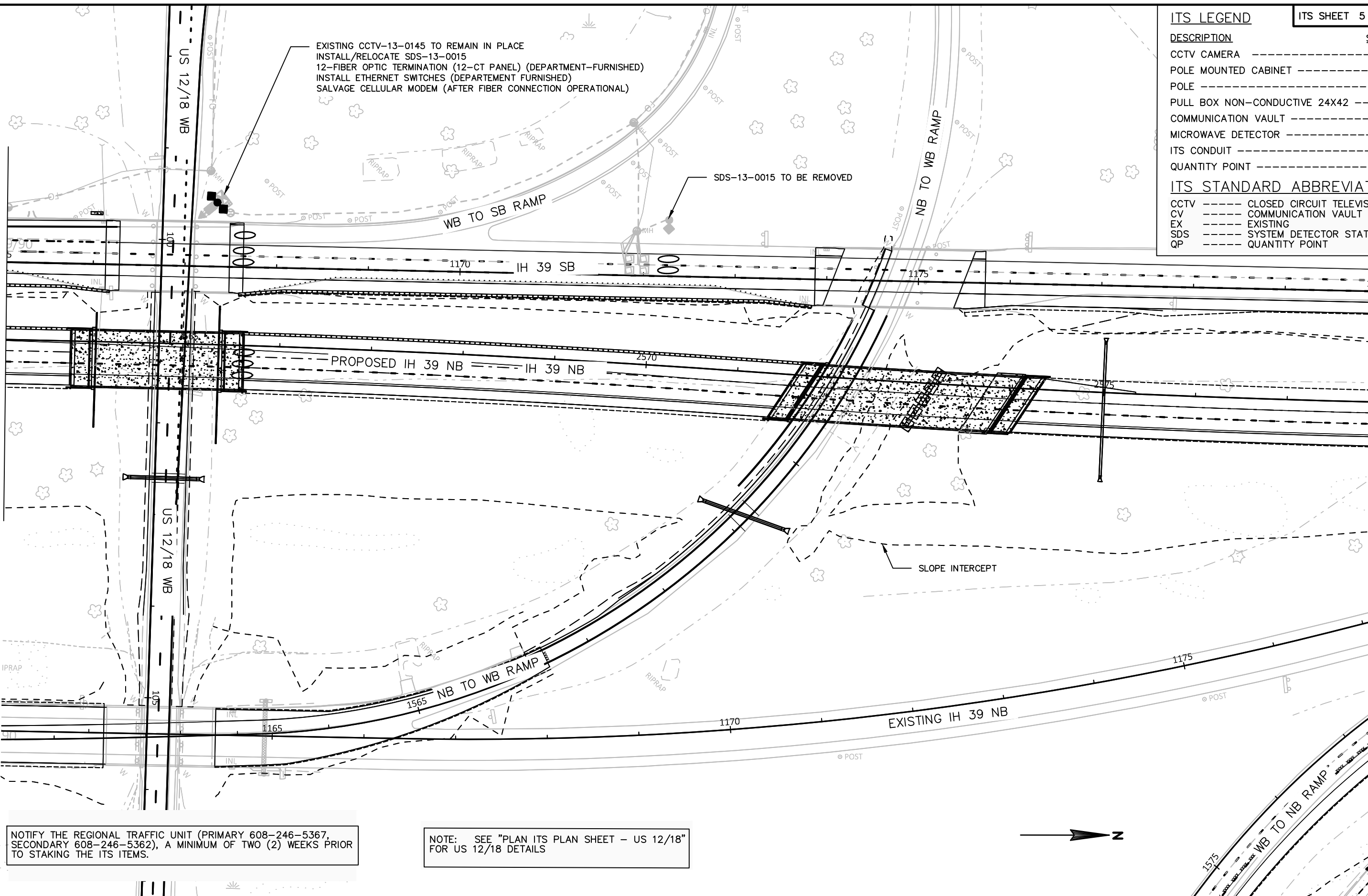
PLOT NAME :

PLOT SCALE : 1 IN:100 FT

WISDOT/CADD'S SHEET 42

DESCRIPTION	SYMBOL
CCTV CAMERA	---> [Symbol]
POLE MOUNTED CABINET	---> [Symbol]
POLE	---> [Symbol]
PULL BOX NON-CONDUCTIVE 24X42	---> [Symbol]
COMMUNICATION VAULT	---> [Symbol]
MICROWAVE DETECTOR	---> [Symbol]
ITS CONDUIT	---> [Symbol]
QUANTITY POINT	---> [Symbol]

ITS STANDARD ABBREVIATIONS	
CCTV	---> CLOSED CIRCUIT TELEVISION
CV	---> COMMUNICATION VAULT
EX	---> EXISTING
SDS	---> SYSTEM DETECTOR STATION
QP	---> QUANTITY POINT

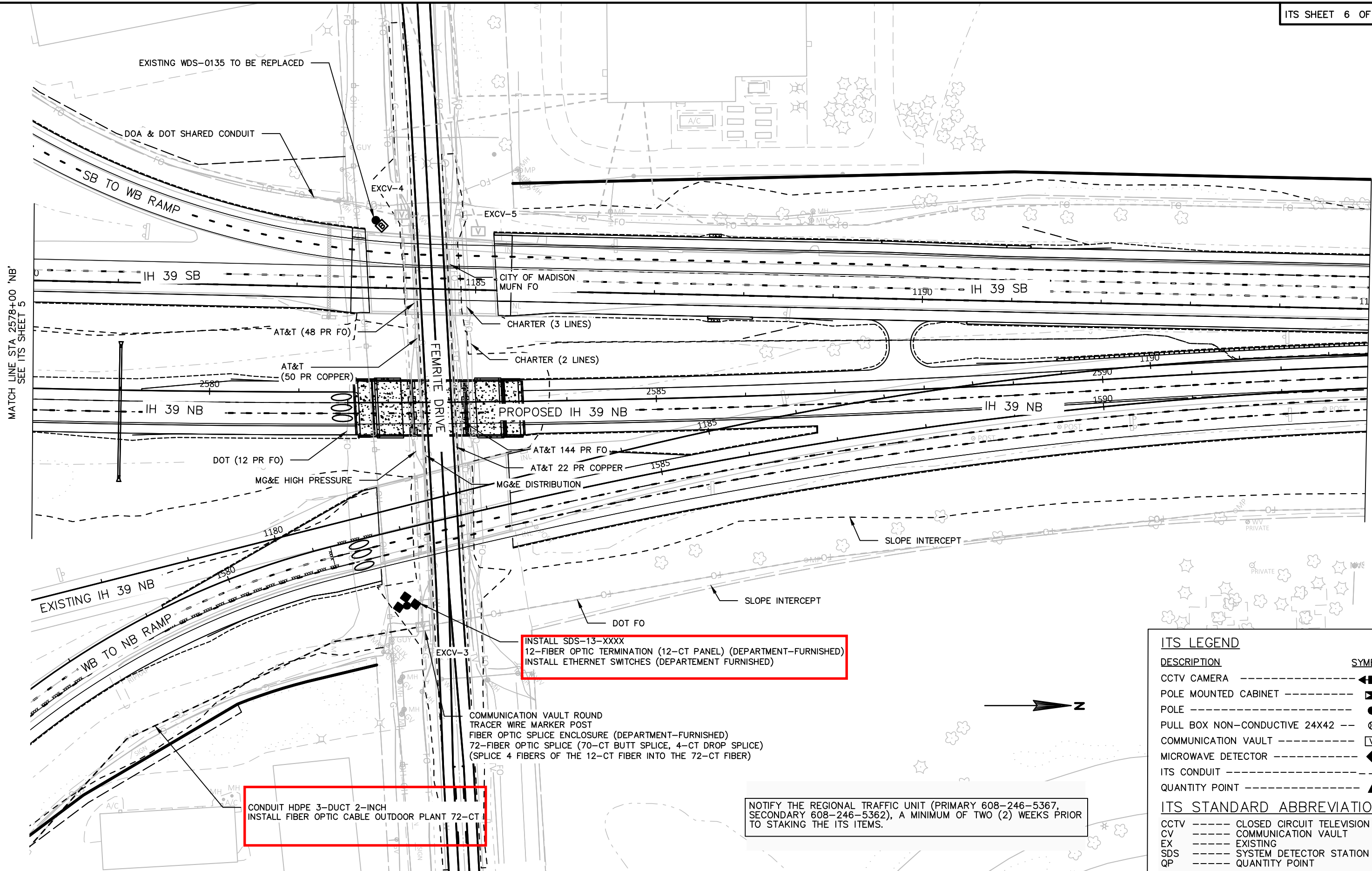
MATCH LINE STA 1165+00 'NB'
SEE ITS SHEET 4MATCH LINE STA 2758+00 'NB'
SEE ITS SHEET 6

NOTIFY THE REGIONAL TRAFFIC UNIT (PRIMARY 608-246-5367,
SECONDARY 608-246-5362), A MINIMUM OF TWO (2) WEEKS PRIOR
TO STAKING THE ITS ITEMS.

NOTE: SEE "PLAN ITS PLAN SHEET - US 12/18"
FOR US 12/18 DETAILS

2

2



ITS LEGEND	
DESCRIPTION	SYMBOL
CCTV CAMERA	◀
POLE MOUNTED CABINET	◻
POLE	●
PULL BOX NON-CONDUCTIVE 24X42	⊕
COMMUNICATION VAULT	◻
MICROWAVE DETECTOR	◆
ITS CONDUIT	---
QUANTITY POINT	▲

ITS STANDARD ABBREVIATIONS	
CCTV	CLOSED CIRCUIT TELEVISION
CV	COMMUNICATION VAULT
EX	EXISTING
SDS	SYSTEM DETECTOR STATION
QP	QUANTITY POINT

ITS LEGEND	
DESCRIPTION	SYMBOL
CCTV CAMERA	←
POLE MOUNTED CABINET	⊠
POLE	●
PULL BOX NON-CONDUCTIVE 24X42	⊙
COMMUNICATION VAULT	⊞
MICROWAVE DETECTOR	◆
ITS CONDUIT	---
QUANTITY POINT	▲
ITS STANDARD ABBREVIATIONS	
CCTV	----- CLOSED CIRCUIT TELEVISION
CV	----- COMMUNICATION VAULT
EX	----- EXISTING
SDS	----- SYSTEM DETECTOR STATION
QP	----- QUANTITY POINT

MATCH LINE STA 2593+00 'NB'
SEE ITS SHEET 6

MATCH LINE STA 1207+00 'NB'
SEE ITS SHEET 8

NOTIFY THE REGIONAL TRAFFIC UNIT (PRIMARY 608-246-5367,
SECONDARY 608-246-5362), A MINIMUM OF TWO (2) WEEKS PRIOR
TO STAKING THE ITS ITEMS.

PROJECT NO: 1007-12-79/80

HWY: IH 39 & US 12/18

COUNTY: DANE

ITS PLAN SHEETS - IH 39

SHEET

E

FILE NAME : H:\PROJECTS\8136.01\CAD_BIM\1007-12-79_80_BIC\SHEETS\SHEETSPLAN\SR_ITS PLANS_10071279_80.DWG
LAYOUT NAME - ITS SHEET 5

PLOT DATE : 8/6/2019 10:22 AM

PLOT BY : CORTNEY FALERO

PLOT NAME :

PLOT SCALE : 1 IN:100 FT

WISDOT/CADD'S SHEET 42

ITS SHEET 8 OF XX

ITS LEGEND

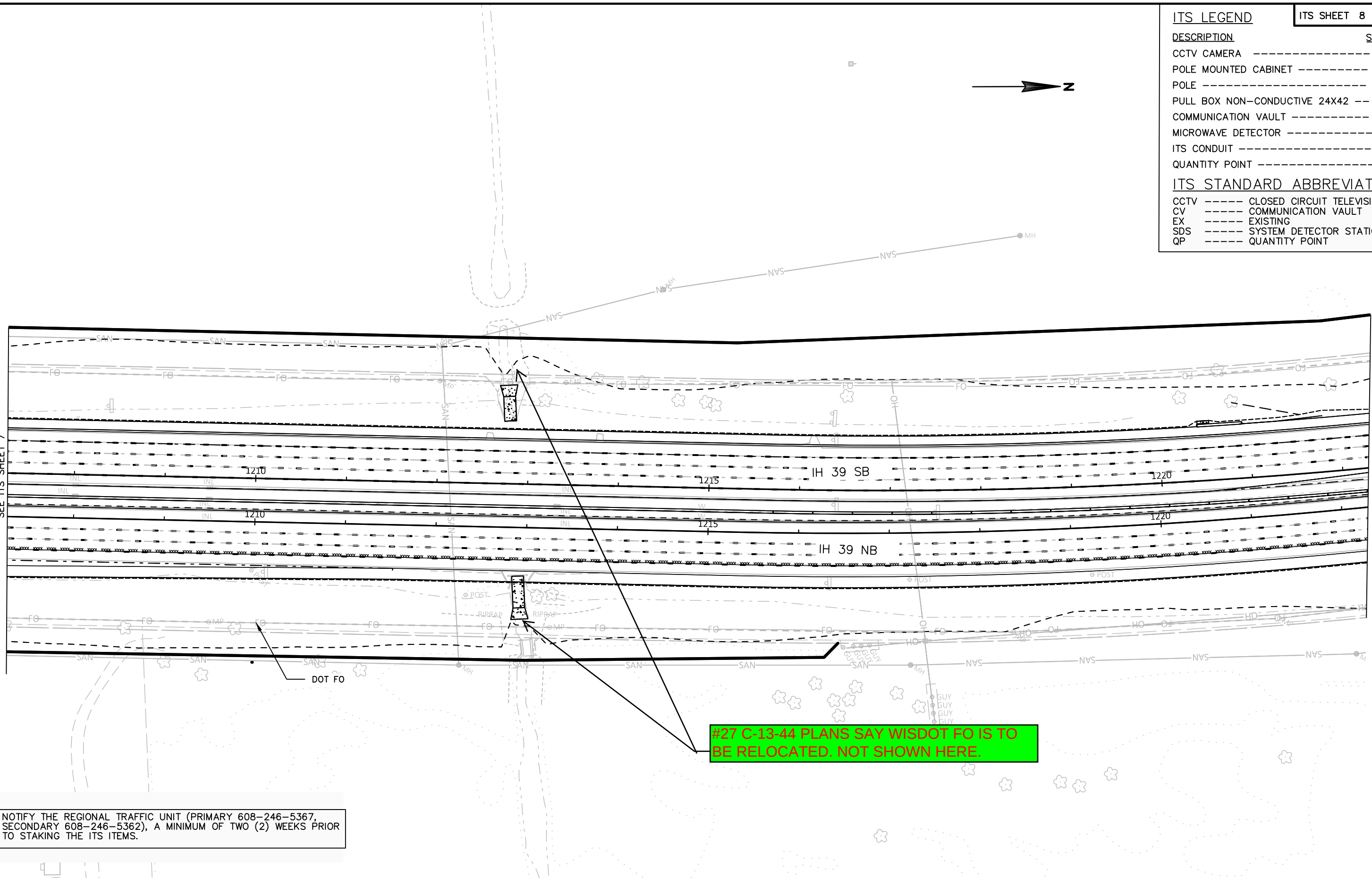
DESCRIPTION	SYMBOL
CCTV CAMERA	
POLE MOUNTED CABINET	
POLE	
PULL BOX NON-CONDUCTIVE 24X42	
COMMUNICATION VAULT	
MICROWAVE DETECTOR	
ITS CONDUIT	
QUANTITY POINT	

ITS STANDARD ABBREVIATIONS

CCTV	-----	CLOSED CIRCUIT TELEVISION
CV	-----	COMMUNICATION VAULT
EX	-----	EXISTING
SDS	-----	SYSTEM DETECTOR STATION
QP	-----	QUANTITY POINT

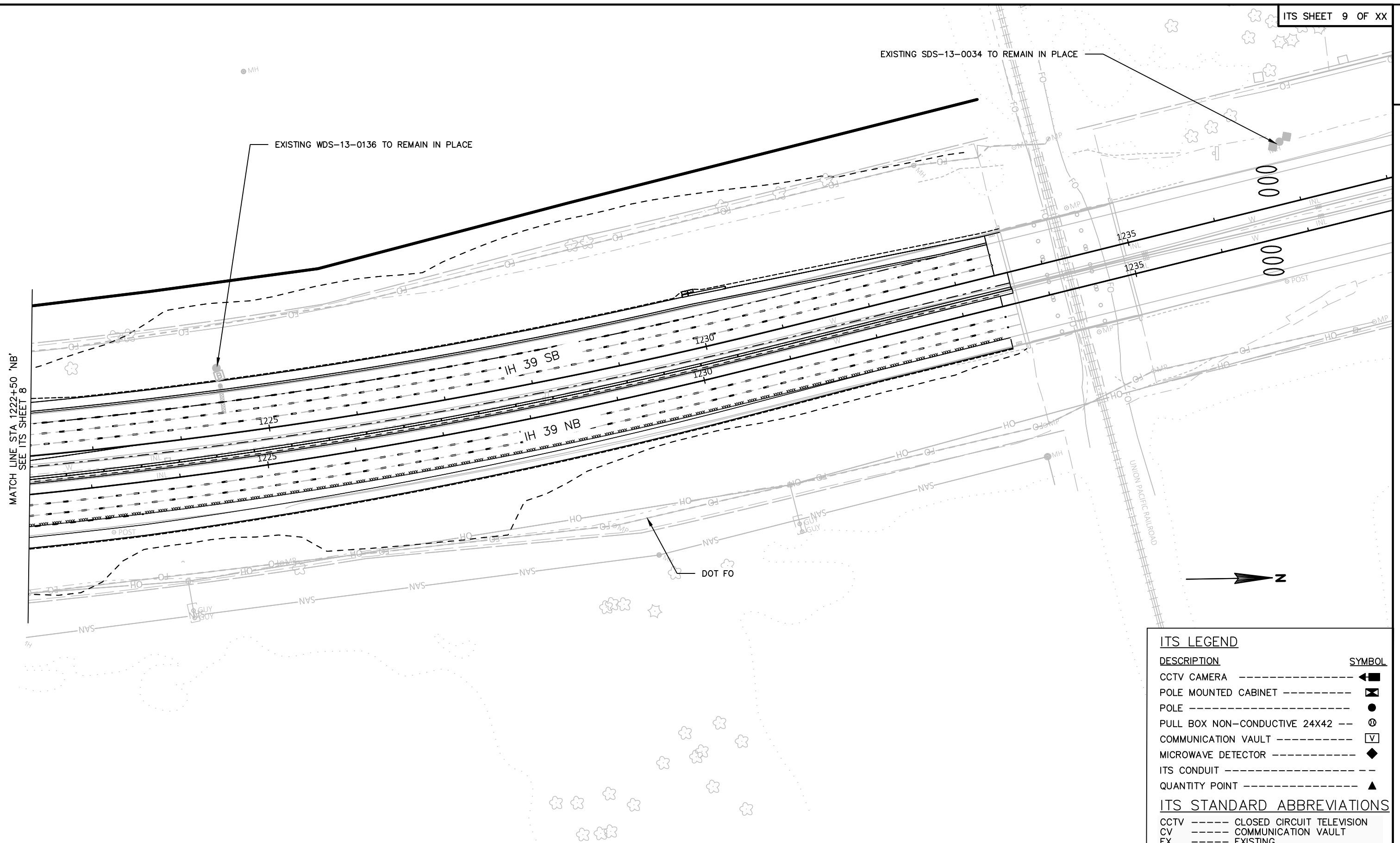
MATCH LINE STA 1207+00 'NB'
SEE ITS SHEET 7

MATCH LINE STA 1222+05 'NB'
SEE ITS SHEET 9



#27 C-13-44 PLANS SAY WISDOT FO IS TO BE RELOCATED. NOT SHOWN HERE.

NOTIFY THE REGIONAL TRAFFIC UNIT (PRIMARY 608-246-5367, SECONDARY 608-246-5362), A MINIMUM OF TWO (2) WEEKS PRIOR TO STAKING THE ITS ITEMS.



PROJECT NO: 1007-12-79/80

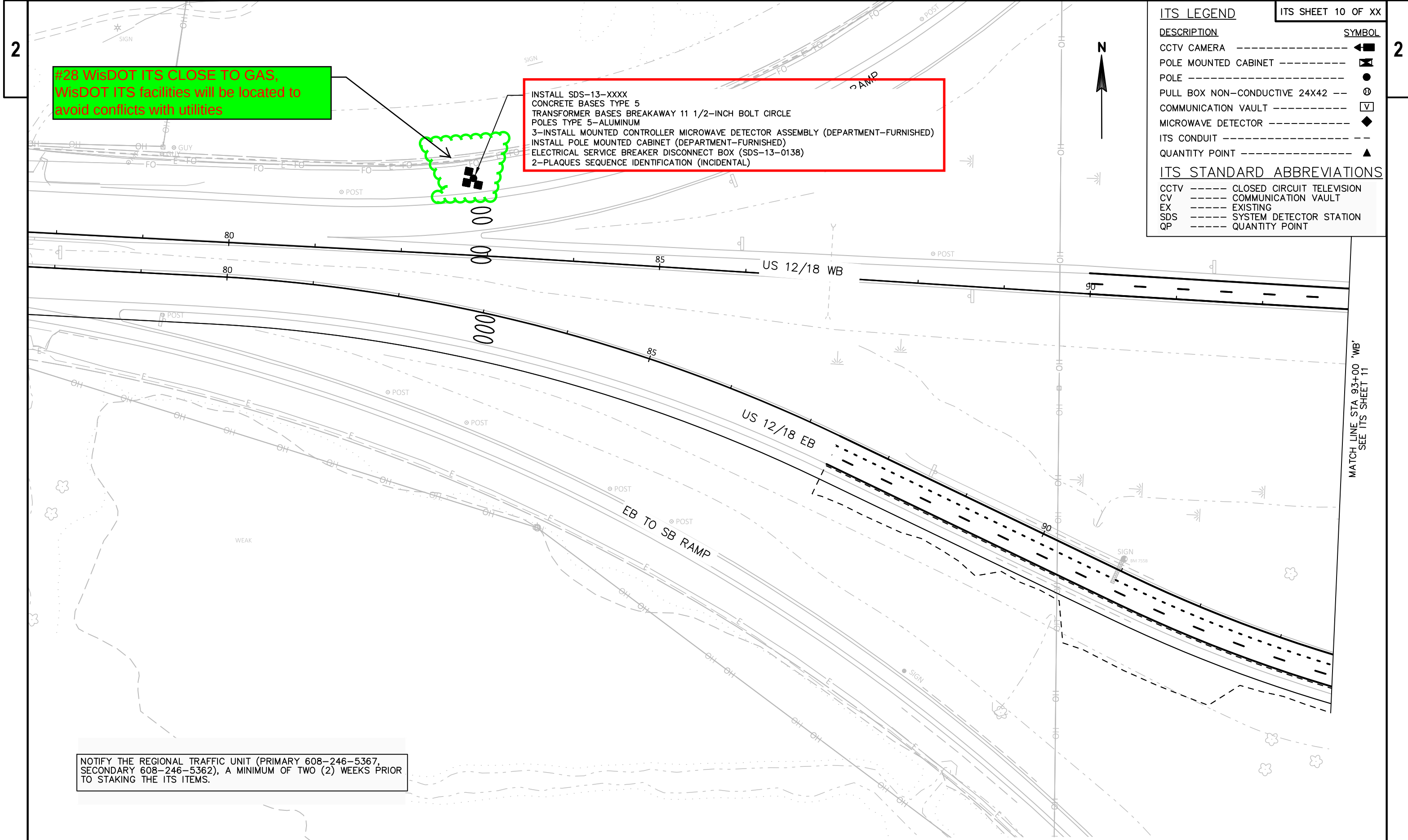
HWY: IH 39 & US 12/18

COUNTY: DANE

ITS PLAN SHEETS - IH 39

SHEET

E



#28 WisDOT ITS CLOSE TO GAS,
WisDOT ITS facilities will be located to
avoid conflicts with utilities

INSTALL SDS-13-XXXX
CONCRETE BASES TYPE 5
TRANSFORMER BASES BREAKAWAY 11 1/2-INCH BOLT CIRCLE
POLES TYPE 5-ALUMINUM
3-INSTALL MOUNTED CONTROLLER MICROWAVE DETECTOR ASSEMBLY (DEPARTMENT-FURNISHED)
INSTALL POLE MOUNTED CABINET (DEPARTMENT-FURNISHED)
ELECTRICAL SERVICE BREAKER DISCONNECT BOX (SDS-13-0138)
2-PLAQUES SEQUENCE IDENTIFICATION (INCIDENTAL)

ITS SHEET 10 OF XX

ITS LEGEND

DESCRIPTION	SYMBOL
CCTV CAMERA	
POLE MOUNTED CABINET	
POLE	
PULL BOX NON-CONDUCTIVE 24X42	
COMMUNICATION VAULT	
MICROWAVE DETECTOR	
ITS CONDUIT	
QUANTITY POINT	

ITS STANDARD ABBREVIATIONS

CCTV	-----	CLOSED CIRCUIT TELEVISION
CV	-----	COMMUNICATION VAULT
EX	-----	EXISTING
SDS	-----	SYSTEM DETECTOR STATION
QP	-----	QUANTITY POINT

NOTIFY THE REGIONAL TRAFFIC UNIT (PRIMARY 608-246-5367,
SECONDARY 608-246-5362), A MINIMUM OF TWO (2) WEEKS PRIOR
TO STAKING THE ITS ITEMS.

ITS LEGEND

ITS SHEET 11 OF XX

DESCRIPTION	SYMBOL
CCTV CAMERA	
POLE MOUNTED CABINET	
POLE	
PULL BOX NON-CONDUCTIVE 24X42	
COMMUNICATION VAULT	
MICROWAVE DETECTOR	
ITS CONDUIT	
QUANTITY POINT	
ITS STANDARD ABBREVIATIONS	
CCTV	CLOSED CIRCUIT TELEVISION
CV	COMMUNICATION VAULT
EX	EXISTING
SDS	SYSTEM DETECTOR STATION
QP	QUANTITY POINT

EXISTING CCTV-13-0145 TO REMAIN IN PLACE
INSTALL SDS-13-0015
SEE ITS SHEET 5

MATCH LINE STA 93+00 'WB'
SEE ITS SHEET 10

MATCH LINE STA 1554+35 'NB RAMP'
SEE ITS SHEET 12

NOTIFY THE REGIONAL TRAFFIC UNIT (PRIMARY 608-246-5367,
SECONDARY 608-246-5362), A MINIMUM OF TWO (2) WEEKS PRIOR
TO STAKING THE ITS ITEMS.

NOTE: SEE "PLAN ITS PLAN SHEET - IH 39"
FOR IH 39 DETAILS

PROJECT NO: 1007-12-79/80

HWY: IH 39 & US 12/18

COUNTY: DANE

ITS PLAN SHEETS - US 12/18

SHEET

E

<u>DESCRIPTION</u>	<u>SYMBOL</u>
CCTV CAMERA -----	
POLE MOUNTED CABINET -----	
POLE -----	
PULL BOX NON-CONDUCTIVE 24X42 --	
COMMUNICATION VAULT -----	
MICROWAVE DETECTOR -----	
ITS CONDUIT -----	
QUANTITY POINT -----	

CCTV	-----	CLOSED CIRCUIT TELEVISION
CV	-----	COMMUNICATION VAULT
EX	-----	EXISTING
SDS	-----	SYSTEM DETECTOR STATION
QP	-----	QUANTITY POINT

CONDUIT HDPE 3-DUCT 2-INCH
INSTALL FIBER OPTIC CABLE OUTDOOR PLANT 72-CT

- CONDUIT HDPE 3-DUCT 2-INCH
- INSTALL FIBER OPTIC CABLE OUTDOOR PLANT 72-CT

COMMUNICATION VAULT ROUND
TRACER WIRE MARKER POST
FIBER OPTIC SPLICE ENCLOSURE (DEPARTMENT-FURNISHED)
72-FIBER OPTIC SPLICE (70-CT BUTT SPLICE, 4-CT DROP SPLICE)
(SPLICE 4 FIBERS OF THE 12-CT FIBER INTO THE 72-CT FIBER)

NOTIFY THE REGIONAL TRAFFIC UNIT (PRIMARY 608-246-5367, SECONDARY 608-246-5362), A MINIMUM OF TWO (2) WEEKS PRIOR TO STAKING THE ITS ITEMS.

2

ITS STANDARD ABBREVIATIONS

PROJECT NO: 1007-12-79/80

COUNTY: DANE

SHEET

■

WISDOT/CADDS SHEET 42

