

WKE

WITH:

PROJECT ID:

3742-03-70

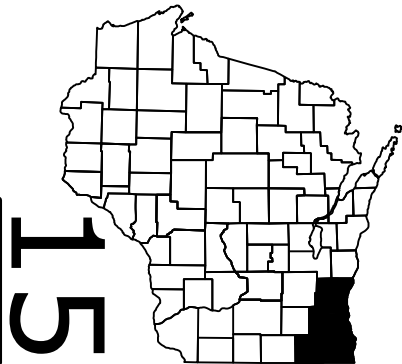
COUNTY:

VARIOUS

SEPTEMBER 2025
ORDER OF SHEETS

Section No.	1	Title
Section No.	2	Typical Sections and Details
Section No.	3	Estimate of Quantities
Section No.	3	Miscellaneous Quantities
Section No.	4	Right-of-Way Plat
Section No.	5	Plan and Profile
Section No.	6	Standard Detail Drawings
Section No.	7	Sign Plates
Section No.	8	Structure Plans
Section No.	9	Computer Earthwork Data
Section No.	9	Cross Sections

TOTAL SHEETS = 212



DESIGN DESIGNATION

A.A.D.T.	=
A.A.D.T.	=
D.H.V.	=
D.D.	=
T.	=
DESIGN SPEED	=
ESALS	=

CONVENTIONAL SYMBOLS

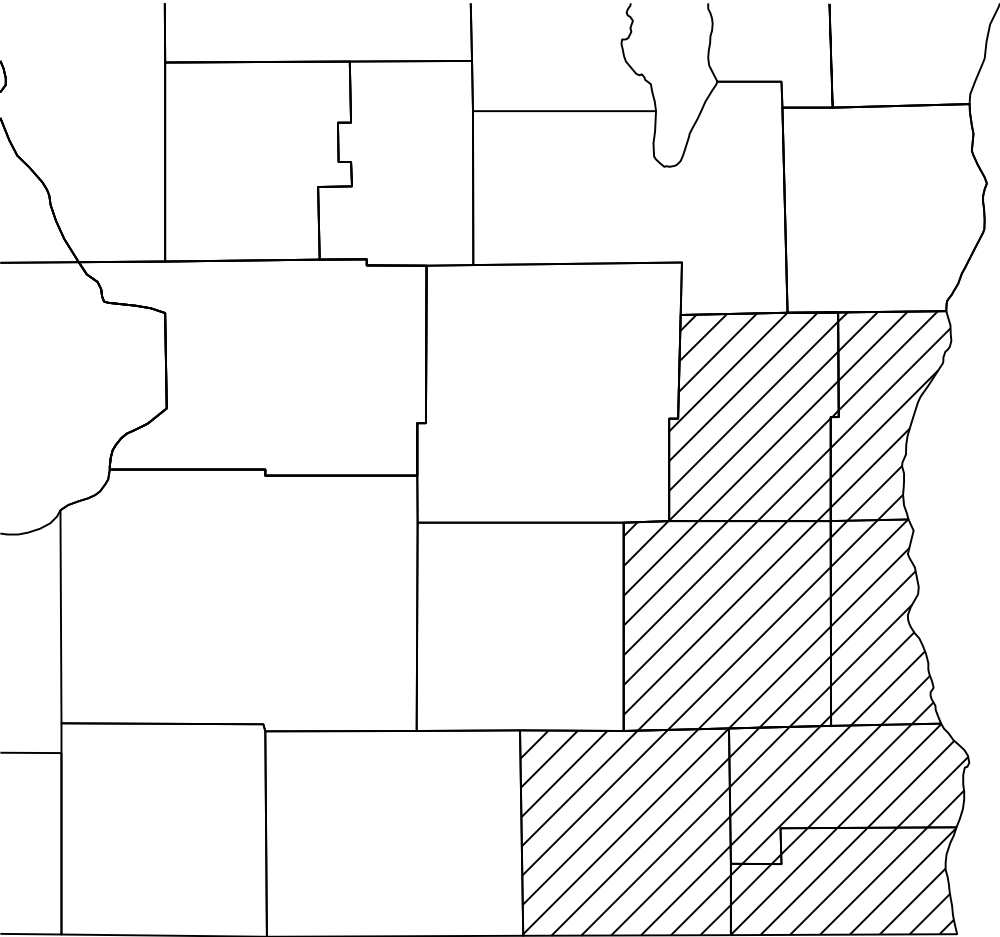
<u>PLAN</u>	
CORPORATE LIMITS	
PROPERTY LINE	
LOT LINE	
LIMITED HIGHWAY EASEMENT	
EXISTING RIGHT OF WAY	
PROPOSED OR NEW R/W LINE	
SLOPE INTERCEPT	
REFERENCE LINE	
EXISTING CULVERT	
PROPOSED CULVERT (Box or Pipe)	
COMBUSTIBLE FLUIDS	
MARSH AREA	
WOODED OR SHRUB AREA	

<u>PROFILE</u>	
GRADE LINE	
ORIGINAL GROUND	
MARSH OR ROCK PROFILE (To be noted as such)	
SPECIAL DITCH	
GRADE ELEVATION	
CULVERT (Profile View)	
<u>UTILITIES</u>	
ELECTRIC	
FIBER OPTIC	
GAS	
SANITARY SEWER	
STORM SEWER	
TELEPHONE	
WATER	
UTILITY PEDESTAL	
POWER POLE	
TELEPHONE POLE	

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
PLAN OF PROPOSED IMPROVEMENT

SER TREE CLEARING PROJECT
VARIOUS SER COUNTIES
VARIOUS HIGHWAYS
SOUTHEAST REGION WIDE

STATE PROJECT NUMBER
3742-03-70



LAYOUT
SCALE 0 1 MI

TOTAL NET LENGTH OF CENTERLINE =

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), {NAME} COUNTY, NAD83 HYEAR, IN U.S. SURVEY FEET. POSITIONS SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES ARE THE SAME AS GROUND DISTANCES.

ELEVATIONS ARE REFERENCED TO NAVD 88 {YEAR}. GPS DERIVED ELEVATIONS ARE BASED ON GEOID XX.

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
3742-03-70		

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
PREPARED BY	
Surveyor	VARIOUS
Designer	WISDOT
Project Manager	JON GILL
Regional Examiner	REGIONAL EXAMINER
Regional Supervisor	JANET CANNON
APPROVED FOR THE DEPARTMENT	
DATE: 6/15/2025	
	(Signature)
	E

ORDER OF SECTION 2 DETAIL SHEETS

GENERAL NOTES
PROJECT OVERVIEW
CONSTRUCTION DETAILS

WISCONSIN DNR LIAISON

CRAIG WEBSTER
SOUTHERN REGION - WALWORTH, WAUKESHA, RACINE, AND KENOSHA COUNTIES
141 NW BARSTOW ST
WAUKESHA, WI 53188
PHONE: 414-303-3011
EMAIL: CRAIG.WEBSTER@WISCONSIN.GOV

WISCONSIN DNR LIAISON

RYAN PAPPAS
SOUTHERN REGION - MILWAUKEE, OZAUKEE, AND WASHINGTON COUNTIES
1027 W ST. PAUL AVE
MILWAUKEE, WI 53233
PHONE: 414-750-7495
EMAIL: RYAN.PAPPAS@WISCONSIN.GOV

DESIGN PROJECT MANAGER

JON GILL, P.E.
SOUTHEAST REGION
141 NW BARSTOW ST
WAUKESHA, WI 53188
PHONE: 262-548-8812
EMAIL: JONATHAN.GILL@DOT.WI.GOV

DESIGN PROJECT LEADER

ZORRIS BASS
SOUTHEAST REGION
141 NW BARSTOW ST
WAUKESHA, WI 53188
PHONE: 414-750-7161
EMAIL: ZORRIS.BASS@DOT.WI.GOV

REGION SURVEY COORDINATOR

TOM LIPSKY, PLS
SOUTHEAST REGION
141 NW BARSTOW ST
WAUKESHA, WI 53188
PHONE: 262-548-6737
EMAIL: THOMAS.LIPSKY@DOT.WI.GOV

STANDARD ABBREVIATIONS			
ABUT	ABUTMENT	LT	LEFT
AC	ACRE	LHF	LEFT HAND FORWARD
AGG	AGGREGATE	L	LENGTH OF CURVE
AH	AHEAD	LF	LINEAR FOOT
∠	ANGLE	LC	LONG CHORD OF CURVE
AADT	ANNUAL AVERAGE DAILY TRAFFIC	LS	LUMP SUM
AEW	APRON ENDWALL	MGAL	ONE THOUSAND GALLONS
ASPH	ASPHALTIC	MH	MANHOLE
BK	BACK	ML OR M/L	MATCH LINE
BC	BACK OF CURB	NOM	NOMINAL
BAD	BASE AGGREGATE DENSE	NC	NORMAL CROWN
BL OR B/L	BASE LINE	NB	NORTHBOUND
BM	BENCH MARK	NO	NUMBER
CB	CATCH BASIN	OD	OUTSIDE DIAMETER
CL OR C/L	CENTER LINE	PAVT	PAVEMENT
Δ	CENTRAL ANGLE OR DELTA	PLE	PERMANENT LIMITED EASEMENT
CE	COMMERCIAL ENTRANCE	PC	POINT OF CURVATURE
CONC	CONCRETE	PI	POINT OF INTERSECTION
CSW	CONCRETE SIDEWALK	PT	POINT OF TANGENCY
CONST	CONSTRUCTION	PCC	PORTLAND CEMENT CONCRETE
CP	CONTROL POINT	LB	POUND
CO	COUNTY	PSI	POUNDS PER SQUARE INCH
CTH	COUNTY TRUCK HIGHWAY	PE	PRIVATE ENTRANCE
CY	CUBIC YARD	PROJ	PROJECT
CP	CULVERT PIPE	PL	PROPERTY LINE
CPCA	CULVERT PIPE CORRUGATED ALUMINUM	PRW	PROPOSED RIGHT OF WAY
CPCPE	CULVERT PIPE CORRUGATED POLYETHYLENE	R	RADIUS
CPCPP	CULVERT PIPE CORRUGATED POLYPROPYLENE	RL OR R/L	REFERENCE LINE
PCPS	CULVERT PIPE CORRUGATED STEEL	REQD	REQUIRED
CPCSAC	CULVERT PIPE CORRUGATED STEEL ALUMINUM COATED	RT	RIGHT
CPCSPC	CULVERT PIPE CORRUGATED STEEL POLYMER COATED	RHF	RIGHT HAND FORWARD
CPRC	CULVERT PIPE REINFORCED CONCRETE	R/W	RIGHT OF WAY
CPRCHE	CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL	RD	ROAD
CPS	CULVERT PIPE SALVAGED	RDWY	ROADWAY
CPT	CULVERT PIPE TEMPORARY	SHLDR	SHOULDER
C & G	CURB AND GUTTER	SW	SIDEWALK
D	DEGREE OF CURVE	SB	SOUTHBOUND
DHV	DESIGN HOUR VOLUME	SPECS	SPECIFICATIONS
DIA	DIAMETER	SF	SQUARE FEET
DD	DIRECTIONAL DISTRIBUTION	SY	SQUARE YARD
DE	DRAINAGE EASEMENT	SDD	STANDARD DETAIL DRAWINGS
DWY	DRIVEWAY	STH	STATE TRUNK HIGHWAY
EA	EACH	STA	STATION
EB	EASTBOUND	SSPC	STORM SEWER PIPE COMPOSITE
EL OR ELEV	ELEVATION	SSCPE	STORM SEWER PIPE CORRUGATED POLYETHYLENE
EMB	EMBANKMENT	SSCPP	STORM SEWER PIPE CORRUGATED POLYPROPYLENE
EW	ENDWALL	SSPNRC	STORM SEWER PIPE NON-REINFORCED CONCRETE
EAT	ENERGY ABSORBING TERMINAL	SSPRC	STORM SEWER PIPE REINFORCED CONCRETE
ESALS	EQUIVALENT SINGLE AXLE LOADS	SSPRC	STORM SEWER PIPE REINFORCED CONCRETE
EXC	EXCAVATION	SSPRCHE	STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL
EBS	EXCAVATION BELOW SUBGRADE	SE	SUPERELEVATION
EXIST	EXISTING	SL OR S/L	SURVEY LINE
FERT	FERTILIZER	TEMP	TEMPORARY
FE	FIELD ENTRANCE	TI	TEMPORARY INTEREST
FL OR F/L	FLOW LINE	TLE	TEMPORARY LIMITED EASEMENT
FT	FOOT	TC	TOP OF CURB
FTMS	FREE TRAFFIC MANAGEMENT SYSTEM	TL OR T/L	TRANSIT LINE
HES	HIGH EARLY STRENGTH	T	TRUCKS (PERCENT OF)
HE	HIGHWAY EASEMENT	TYP	TYPICAL
CWT	HUNDRED WEIGHT	USH	UNITED STATES HIGHWAY
IN DIA	INCH DIAMETER	VAR	VARIABLE
INL	INLET	VC	VERTICAL CURVE
ID	INSIDE DIAMETER	VPC	VERTICAL POINT OF CURVATURE
INTERS	INTERSECTION	VPI	VERTICAL POINT OF INTERSECTION
IH	INTERSTATE HIGHWAY	VPT	VERTICAL POINT OF TANGENCY
INV	INVERT	W	WEST
JT	JOINT	WB	WESTBOUND

GENERAL NOTES

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

CONTRACTOR WILL BE RESPONSIBLE FOR RESHAPING AND SEEDING ANY PREVIOUSLY GRASSED AREAS WHICH ARE DISTURBED BY OPERATIONS, OUTSIDE OF THE NORMAL CONSTRUCTION LIMITS.

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

RIGHT OF WAY INFORMATION SHOWN ON THE PLANS IS APPROXIMATE.

THE CONTRACTOR IS TO WORK WITH UTMOST CARE AND PROTECT ALL SURVEY MARKERS. REMOVAL OF ANY SURVEY MARKER IS TO BE WITH THE APPROVAL OF THE ENGINEER.

EROSION CONTROL FEATURES AS SHOWN IN THE PLANS ARE AT APPROXIMATE LOCATIONS. EXACT LOCATIONS WILL BE DETERMINED BY THE CONTRACTOR’S EROSION CONTROL IMPLEMENTATION PLAN (ECIP) AND APPROVED BY THE ENGINEER. MAINTAIN EROSION CONTROL MEASURES UNTIL SUCH A TIME AS THE ENGINEER DETERMINES THE MEASURE IS NO LONGER NECESSARY.

CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES EXCEPT WHEN PAVING OR PIPE LAYING OPERATIONS REQUIRE THE DRIVEWAY TO BE CLOSED. ACCESS TO DRIVEWAYS SHALL BE RE-ESTABLISHED IMMEDIATELY AFTER OPERATIONS ARE COMPLETED. ACCESS SHALL BE PROVIDED DURING ALL NON-WORKING HOURS.

TRAFFIC CONTROL DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

DO NOT DRIVE OR STORE EQUIPMENT, OR STORE CONSTRUCTION MATERIALS IN ENVIRONMENTALLY SENSITIVE AREAS, WETLANDS OR WATERWAYS.



UTILITY CONTACTS

BRIGHTSPEED - COMMUNICATION LINE

KEVIN ZICKERT
224 INDUSTRIAL DR
NORTH PRAIRIE, WI 53153
PHONE: (920) 376-1502
EMAIL: RELOCATIONS@BRIGHTSPEED.COM

SPECTRUM - COMMUNICATION LINE

JUSTIN MONROE-JIMENEZ
2701 DANIELS ST
MADISON, WI 53718
PHONE: (608) 288-6843
EMAIL: CHTR_WI_CONST@CHARTER.COM

VILLAGE OF EAST TROY - SEWER

JASON EQUITZ
2015 ENERGY DRIVE
EAST TROY, WI 53120
PHONE: (262) 642-6255
EMAIL: JEQUITZ@EASTTROYWI.GOV

VILLAGE OF EAST TROY - WATER

JASON EQUITZ
2015 ENERGY DRIVE
EAST TROY, WI 53120
PHONE: (262) 642-6255
EMAIL: JEQUITZ@EASTTROYWI.GOV

WE ENERGIES - ELECTRICITY

500 S 116TH STREET
WEST ALLIS, WI 53214
PHONE: (414) 944-5738
EMAIL: WE-UTILITY-RELOCATIONS@WE-ENERGIES.COM

WE ENERGIES – ELECTRIC EMERGENCY
PHONE: (800) 662-4797

WE ENERGIES - GAS

500 S 116TH STREET
WEST ALLIS, WI 53214
PHONE: (414) 944-5738
EMAIL: WE-UTILITY-RELOCATIONS@WE-ENERGIES.COM

WE ENERGIES – GAS EMERGENCY
PHONE : (800) 261-5325

STATE AGENCIES

WISDOT - UTILITY ENGINEER

ALLAN OKPALA
141 NW BARSTOW STREET
WAUKESHA, WI 53188
PHONE: (262) 548-8658
EMAIL: ALLAN.OKPALA@DOT.WI.GOV

WISDOT - TRAFFIC SIGNALS

JARRETT GATES
141 NW BARSTOW STREET P.O. BOX 798
WAUKESHA, WI 53188
PHONE: (262) 548-5894
EMAIL: JARRETT.GATES@DOT.WI.GOV

OTHER CONTACTS

VILLAGE OF EAST TROY - POLICE

2015 ENERGY DRIVE
EAST TROY, WI 53120
PHONE: (262) 642-6250

EAST TROY - FIRE AND RESCUE

N8406 COUNTY HWY ES
EAST TROY, WI 53120
PHONE: (262) 642-7439

SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION

ROB MERRY - CHIEF SURVEYOR
W239 N1812 ROCKWOOD DRIVE
WAUKESHA, WI 53187-1607
PHONE: (262) 953-4289
CELL PHONE: (920) 912-1036
EMAIL: RMERRY@SEWRPC.ORG

SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION

ANDY TRAEGER - CONSTRUCTION COORDINATOR
W239 N1812 ROCKWOOD DRIVE
WAUKESHA, WI 53187-1607
PHONE: (262) 953-4296
CELL PHONE: (262) 853-8463
EMAIL: ATRAEGER @SEWRPC.ORG

WISCONSIN COACH LINES

1520 ARCADIAN AVENUE
WAUKESHA, WI 53166
PHONE: (262) 542-8861
WWW.WISCONSINCOACH.COM

WALWORTH COUNTY – PUBLIC WORKS

RICHARD HOUGH
W4097 COUNTY ROAD NN
ELKHORN , WI 53121
PHONE: (262) 741-3104
EMAIL: RHOUGH@CO.WALWORTH.WI.US

*FOR INFORMATION ONLY

DIGGERSHOTLINE

Dial 811 or (800)242-8511

www.DiggersHotline.com

UTILITY CONTACTS

*FOR INFORMATION ONLY

OTHER CONTACTS

AT&T WISCONSIN- COMMUNICATION LINE

TYLER FLECK
220 WISCONSIN AVE
WAUKESHA, WI 53186
PHONE: (414) 248-6803
TF8394@ATT.com

BRIGHTSPEED OF WESTERN WISCONSIN, LLC - COMMUNICATION LINE

KEVIN ZICKERT
224 INDUSTRIAL DR
NORTH PRAIRIE, WI 53153
PHONE: (980) 376-1502
relocations@brightspeed.com

ATC MANAGEMENT, INC.- ELECTRICITY-TRANSMISISON

TRANS 220 MAILBOX
801 O'KEEFE ROAD
DE PERE, WI 54115
PHONE: (920)338-6582
dl-ATCDOTNotifications@atcllc.com

EVERSTREAM- COMMUNICATION LINE

EVERSTREAM UTILITY COORDINATION
324 E. WISCONSIN AVE, SUITE 730
MILWAUKEE, WI 53202
PHONE: (414)409-1709
WE-Relocations@everstream.net

LEVEL 3 COMMUNICATIONS LLC- COMMUNICATIONS LINE

NETWORK RELOCATIONS
1025 ELDORADO BLVD
BROOMFIELD, CO 80021
relocations@lumen.com

SPECTRUM- COMMUNICATION LINE

DAVE YOPPS
1320 N. DR. MARTIN LUTHER KING JR DRIVE
MILWAUKEE, WI 53212
PHONE: (414)277-4281
CHTR_WI_CONST@charter.com

VILLAGE OF MUKWONAGO -SEWER

WAYNE CASTLE
440 RIVER CREST CT
MUKWONAGO, WI 53149
PHONE: (262)363-6416
wcastle@villageofmukwonago.com

VILLAGE OF MUKWONAGO -WATER

WAYNE CASTLE
440 RIVER CREST CT
MUKWONAGO, WI 53149
PHONE: (262)363-6416
wcastle@villageofmukwonago.com

WE ENERGIES- ELECTRICITY

WE ENERGIES UTILITY COORDINATOR
500 S 116TH STREET
WEST ALLIS, WI 53214
PHONE: (414)944-5738
We-Utility-relocations@we-energies.com

WE ENERGIES- GAS/PETROLEUM

WE ENERGIES UTILITY COORDINATOR
500 S 116TH STREET
WEST ALLIS, WI 53214
PHONE: (414)944-5738
We-Utility-relocations@we-energies.com

SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION

W239 N1812 ROCKWOOD DRIVE
P.O. BOX 1607
WAUKESHA, WI 53187-1607

ROB MERRY
CHIEF SURVEYOR
PHONE: (262)953-4289
CELL: (920)912-1036
FAX: (262)547-1103
rmerry@sewrpc.org

ANDY TRAEGER
CONSTRUCTION COORDINATOR
PHONE: (262)953-4296
CELL: (262)853-8463
FAX: (262)547-1103
atraeger@sewrpc.org

WISCONSIN DEPARTMENT OF TRANSPORTATION- STREET LIGHTING

ERIC PEREA
141 NW BARSTOW STREET
WAUKESHA, WI 53188
PHONE: (262)574-5422
Eric.Perea@dot.wi.gov

WISCONSIN DEPARTMENT OF TRANSPORTATION- WISCONSIN SIGNAL

JARRETT GATES
141 NW BARSTOW STREET
P.O. BOX 798
WAUKESHA, WI 53188-0798
PHONE: (262) 548-5894
JARRETT.GATES@DOT.WI.GOV

WAUKESHA COUNTY DEPARTMENT OF PUBLIC WORKS- ROAD FACILITY

BRETT WALLACE
515 W MORELAND BLVD RM 220
WAUKESHA, WI 53188
PHONE: (262)548-7740
bwallace@waukeshacounty.gov



Dial 811 or (800)242-8511
www.DiggersHotline.com

2	UTILITIES CONTACTS		OTHER CONTACTS			*FOR INFORMATION ONLY	2
	AT&T WISCONSIN COMMUNICATION LINE NATHAN GIBERT 411 7TH ST RACINE, WI 53403 PHONE: 262-720-8235 EMAIL: NG952W@att.com	VERIZON BUSINESS COMMUNICATION LINE RJ CICATELLO JR. 15725 W RYERSON RD NEW BERLIN, WI 53151 PHONE: 262-782-9836 EMAIL: randy.cicatello@verizon.com	CITY OF MILWAUKEE COMMUNICATION LINE JOE MACIEJEWSKI 841 N BROADWAY MILWAUKEE, WI 53202 PHONE: EMAIL: joe.maciejewski@milwaukee.gov	CITY OF MILWAUKEE FORESTRY, IRRIGATION JAMES KRINGER 841 N BROADWAY MILWAUKEE, WI 53202 PHONE: EMAIL: jkring@milwaukee.gov	WISCONSIN DEPARTMENT OF TRANSPORTATION COMMUNICATION LINE JEFF MADSON 433 W ST PAUL AVE SUITE 300 MILWAUKEE, WI 53203 PHONE: 414-225-3723 EMAIL: jeffery.madson@dot.wi.gov		
	CENTURYLINK COMMUNICATIONS COMMUNICATION LINE GENERAL MAILBOX - - PHONE: EMAIL: relocations@lumen.com	WE ENERGIES ELECTRICITY, GAS/PETROLEUM UTILITY COORDINATOR 500 S 116TH ST WEST ALLIS, WI 53214 PHONE: 414-944-5738 EMAIL: We-Utility-relocations@we-energies.com	CITY OF MILWAUKEE STREET LIGHTING, CUC ENG-KIE LEE 841 N BROADWAY MILWAUKEE, WI 53202 PHONE: EMAIL: elee@milwaukee.gov	MILWAUKEE COUNTY TRANSIT SYSTEM DETOUR COORDINATOR ARMOND SENSABAUGH 1942 N 17TH ST MILWAUKEE, WI 53205 PHONE: 414-343-1728 EMAIL: asensabaugh@mcts.org	WISCONSIN DEPARTMENT OF TRANSPORTATION SIGNALS JOYCE MURPHY 141 NW BARSTOW ST WAUKESHA, WI 53188 PHONE: 262-548-5933 EMAIL: joyce.murphy@dot.wi.gov		
	MIDWEST FIBER NETWORKS LLC COMMUNICATION LINE UTILITY COORDINATOR 6070 N FLINT RD GLENDALE, WI 53209 PHONE: 4141-672-5612 EMAIL: RelocationRequests@midwestfibernetworks.com	CITY OF MILWAUKEE WATER WORKS JOSHUA IWEN 841 N BROADWAY MILWAUKEE, WI 53202 PHONE: EMAIL: jiwen@milwaukee.gov	CITY OF MILWAUKEE SIGNALS SCOTT REINBACHER 841 N BROADWAY MILWAUKEE, WI 53202 PHONE: EMAIL: sreinb@milwaukee.gov	MILWAUKEE COUNTY TRANSIT SYSTEM ENHANCED TRANSIT (BUS STOPS) DAVID LOCHER 1942 N 17TH ST MILWAUKEE, WI 53205 PHONE: 414-343-1727 EMAIL: dlocher@mcts.org	WISCONSIN DEPARTMENT OF TRANSPORTATION STREET LIGHTING ERIC PEREA 141 NW BARSTOW ST WAUKESHA, WI 53188 PHONE: 262-574-5422 EMAIL: eric.perea@dot.wi.gov		
	SPECTRUM COMMUNICATION LINE DAVID YOPPS 1320 N DR MARTIN LUTHER KING JR DRIVE MILWAUKEE, WI 53212 PHONE: 414-277-4281 EMAIL: CHTR_WI_CONST@charter.com	CITY OF MILWAUKEE SEWERS ZAFAR YOUSUF 841 N BROADWAY MILWAUKEE, WI 53202 PHONE: EMAIL: zyousu@milwaukee.gov		MILWAUKEE COUNTY TRANSIT SYSTEM TRANSIT SPECIALIST DAN ADAMS 1942 N 17TH ST MILWAUKEE, WI 53205 PHONE: 414-937-3273 EMAIL: dadams@mcts.org			
	TDS METROCOM LLC COMMUNICATION LINE MATTHEW SCHULTE 16924 W VICTOR RD NEW BERLIN, WI 53151 PHONE: 262-754-3063 EMAIL: matt.schulte@tdstelecom.com	MILWAUKEE METROPOLITAN SEWERAGE DISTRICT SEWER MICKI KLAPPA-SULLIVAN 260 W SEEBOTH ST MILWAUKEE, WI 53204 PHONE: 414-225-2178 EMAIL: MKlappaSullivan@mmsd.com					
DIGGERSHOTLINE Dial 811 or (800)242-8511 www.DiggersHotline.com							
PROJECT NO: 3742-03-70		HWY: IH 43	COUNTY: MILWAUKEE	PROJECT CONTACTS - SITE 4		SHEET	E

UTILITY CONTACTS

OTHER CONTACTS

*FOR INFORMATION ONLY

COMMUNICATIONS

AT&T WISCONSIN
DEAN HERRO
435 SOUTH 95TH STREET
MILWAUKEE, WI, 53214-1226
(262) 226-9639
dh2572@att.com

PUBLIC WORKS - WATER

VILLAGE OF THIENSVILLE-WATER
ANDREW LAFOND
250 ELM STREET
THIENSVILLE, WI, 53092
(262) 242-3720
alafond@village.thiensville.wi.us

PUBLIC WORKS - STREET LIGHTING

WISCONSIN DEPARTMENT OF TRANSPORTATION
- STREET LIGHTING
ERIC PEREA
141 NW BARSTOW STREET
WAUKESHA, WI, 53188
(262) 574-5422
Eric.Perea@dot.wi.gov

PUBLIC WORKS - SEWER

CITY OF MEQUON
DEPARTMENT OF PUBLIC WORKS-SEWER
KRISTEN LUNDEEN
11333 N CEDARBURG ROAD
MEQUON, WI, 53092
(262) 236-2938
KLundeen@ci.mequon.wi.us

ELECTRICITY

WE ENERGIES - ELECTRICITY
WE ENERGIES UTILITY COORDINATOR
500 S 116TH STREET
WEST ALLIS, WI, 53214
(414) 944-5738
We-Utility-relocations@we-energies.com

PUBLIC WORKS - WISCONSIN SIGNAL

WISCONSIN DEPARTMENT OF TRANSPORTATION
- WISCONSIN SIGNAL
JOYCE MURPHY
141 NW BARSTOW STREET
P.O. BOX 798
WAUKESHA, WI, 53188-0798
(262) 548-5933
Joyce.Murphy@dot.wi.gov

COMMUNICATIONS

EVERSTREAM
EVERSTREAM UTILITY COORDINATION
324 E WISCONSIN AVE, SUITE 730
MILWAUKEE, WI, 53202
(414) 409-1709
WI-Relocations@everstream.net

GAS/PETROLEUM

WE ENERGIES - GAS/PETROLEUM
WE ENERGIES UTILITY COORDINATOR
500 S 116TH STREET
WEST ALLIS, WI, 53214
(414) 944-5738
We-Utility-relocations@we-energies.com

PUBLIC WORKS - WATER

MEQUON WATER UTILITY-WATER
KRISTEN LUNDEEN
11333 N CEDARBURG ROAD
MEQUON, WI, 53092
(262) 236-2938
KLundeen@ci.mequon.wi.us

COMMUNICATIONS

WINDSTREAM NTI, LLC
LORI KETTER
314 N DANZ AVE
GREEN BAY, WI, 54302-3526
(920) 410-6902
Lori.Ketter@windstream.com

COMMUNICATIONS

SPECTRUM
DAVE YOPPS
1320 N DR MARTIN LUTHER KING JR DRIVE
MILWAUKEE, WI, 53212
(414) 277-4281
CHTR_WI_CONST@charter.com

COMMUNICATIONS

VERIZON BUSINESS
R J CICATELLO, JR
15725 WEST RYERSON ROAD
NEW BERLIN, WI, 53151
(262) 782-9836
randy.cicatello@verizon.com

PUBLIC WORKS - SEWER

VILLAGE OF THIENSVILLE-SEWER
ANDREW LAFOND
250 ELM STREET
THIENSVILLE, WI, 53092
(262) 242-3720
alafond@village.thiensville.wi.us



Dial 811 or (800)242-8511
www.DiggersHotline.com

OTHER CONTACTS

ARMOND SENSABAUGH
TRANSPORTATION COORDINATOR (DETOURS)
MILWAUKEE COUNTY TRANSIT SYSTEM
414-343-1728
ASENSABAUGH@MCTS.ORG

DAVID LOCHER
TRANSPORTATION MANAGER (BUS STOPS)
MILWAUKEE COUNTY TRANSIT SYSTEM
1942 N. 17TH STREET
MILWAUKEE, WI 53205
414-343-1727
DLOCHER@MCTS.ORG

ANDY TRAEGER
CONSTRUCTION COORDINATOR
SEWRPC
W239 N1812 ROCKWOOD DRIVE
P.O. BOX 1607
WAUKESHA, WI 53187
PHONE 262-953-4296
CELL 262-853-8463
FAX 262-547-1103
ATRAEGER@SEWRPC.ORG

ROB MERRY
CHIEF SURVEYOR
SEWRPC
W239 N1812 ROCKWOOD DRIVE
P.O. BOX 1607
WAUKESHA, WI 53187
PHONE 262-953-4289
CELL 920-912-1036
FAX 262-547-1103
RMERRY@SEWRPC.ORG

WISCONSIN DEPARTMENT OF TRANSPORTATION
GEODETIC SERVICES
JACOB ROCKWEILER, P.E.
SURVEY & MAPPING
WORK PHONE: 608-243-5992
EMAIL: JACOB.ROCKWEILER@DOT.WI.GOV

CITY OF MILWAUKEE - STREET LIGHTING
ENG-KIE LEE
841 N BROADWAY, 9TH FLOOR
MILWAUKEE, WI 53202
414-286-2174
ELEE@MILWAUKEE.GOV

CITY OF WAUWATOSA - STREET LIGHTING
RANDY MICHELZ
11100 W WALNUT RD
WAUWATOSA, WI 53226
PHONE: 414-471-8429
RMICHELZ@WAUWATOSA.NET

MILWAUKEE COUNTY DEPARTMENT OF PUBLIC WORKS - WISGN
DANIEL MURPHY
10930 W LAPHAM ST
WEST ALLIS, WI 53214
PHONE: 414 257-5942
DANIEL.MURPHY@MILWAUKEECOUNTYWI.GOV

MILWAUKEE COUNTY DEPARTMENT - ELECTRICITY
BLAKE PRUSAK
1150 N 68TH STREET
MILWAUKEE, WI 53213
BLAKE.PRUSAK@MILWAUKEECOUNTYWI.GOV

WISDOT - COMM LINE
JOHN MITTELSTADT
433 W ST PAUL AVE, STE 300
MILWAUKEE, WI 53203
PHONE: 608-205-7859
JOHN.MITTELSTADT@DOT.WI.GOV

WISDOT - STREET LIGHTING
ERIC PEREA
141 NW BARSTOW STREET
WAUKESHA, WI 53188
PHONE: 262-574-5422
ERIC.PEREA@DOT.WI.GOV

WISDOT - WISCONSIN SIGNAL
JARRET GATES
141 NW BARSTOW STREET
WAUKESHA, WI 53188
PHONE: 262-548-5894
JARRET.GATES@DOT.WI.GOV

*FOR INFORMATION ONLY

UTILITIES

AT&T WISCONSIN - COMM LINE
JAY BULANEK
435 S 95TH ST
MILWAUKEE, WI 53214
PHONE: 414-491-2955
MOBILE: 414-491-2855
JB5175@ATT.COM

CITY OF MILWAUKEE - COMMUNICATION OF CUC
HAZEM RAMADAN
841 N BROADWAY
MILWAUKEE, WI 53202
414-286-3242
HRAMAD@MILWAUKEE.GOV

CITY OF MILWAUKEE - SEWER
ZAFAR YOUSUF
841 N BROADWAY, 4TH FLOOR
MILWAUKEE, WI 53202
414-286-2467
ZYOUSU@MILWAUKEE.GOV

CITY OF MILWAUKEE - WATER
MWW CONTROL CENTER (24/7 CONTACT)
841 N BROADWAY, ROOM 409
MILWAUKEE, WI 53202
PHONE: 414-286-3710

CITY OF WAUWATOSA - SEWER
NICK DEMING
7725 W NORTH AVE
WAUWATOSA, WI 53213
PHONE: 414-479-3541
NDEMING@WAUWATOSA.NET

LEVEL 3 COMMUNICATIONS, LLC - COMM LINE
BRAHIM GADDOUR
3235 INTERTEC DR, SUITE 600
BROOKFIELD, WI 53045
PHONE: 414-908-1027
MOBILE: 414-704-1026
BRAHIM.GADDOUR@LUMEN.COM

MIDWEST FIBER NETWORKS LLC - COMM LINE
CORY SCHMUKI
6070 NORTH FLINT RD
GLENDALE, WI 53209
PHONE: 414-459-3561
MOBILE: 414-349-2764
CSCHMUKI@MIDWESTFIBERNETWORKS.COM

MILWAUKEE METROPOLITAN SEWERAGE
MICHAEL LEE
DISTRICT - SEWER
260 W SEEBOTH ST
MILWAUKEE, WI 53204
PHONE: 414-225-2241
MOBILE: 414-617-1429
MLEE@MMSD.COM

SPECTRUM COMMUNICATIONS
BEAU ABUYA
1320 N DR MARTIN LUTHER KING JR DR
MILWAUKEE, WI 53212
PHONE: 414-758-9241
BEAU.ABUYA@CHARTER.COM

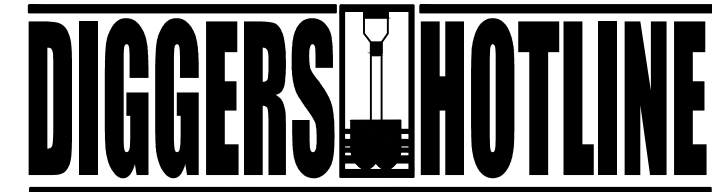
VERIZON BUSINESS - COMM LINE
RJ CICATELL JR.
15725 WEST RYERSON ROAD
NEW BERLIN, WI 53151
262-782-9836
RANDY.CICATELLO@VERIZON.COM

WAUWATOSA WATER UTILITY - WATER
ADAM FLORIN
11100 W WALNUT RD
WAUWATOSA, WI 53226
PHONE: 414-479-8480
AFLORIN@WAUWATOSA.NET

WE ENERGIES - ELECTRIC
AUSTIN LEGLER
W140N9100 LILLY RD
MENOMONEE FALLS, WI 53051
PHONE: 262-365-6442
MOBILE: 414-587-5032

WE ENERGIES - GAS
STEVE SCHECHER
500 S 116TH ST
WEST ALLIS, WI 53214
PHONE: 414-550-7102

WISCONSIN INDEPENDENT NETWORK, LLC - COMM
LINE
ERIC BECKER
4955 BULLIS FARM RD
EAU CLAIRE, WI 54701
MOBILE: 715-797-2724
ERIC.BECKER@WINECHNOLOGY.COM



Dial 811 or (800)242-8511
www.DiggersHotline.com

2	UTILITIES CONTACTS			OTHER CONTACTS		*FOR INFORMATION ONLY	2
	CITY OF FRANKLIN CONTACT						
COMMUNICATION AT&T NATHAN GIBERT 411 7TH STREET RACINE, WI 53403 262-720-8235 ng952w@att.com			SEWER CITY OF FRANKLIN KEVIN SCHLUETER 9229 WEST LOOMIS ROAD FRANKLIN, WI 53132 414-425-8881 kschlueter@franklinwi.gov	WATER CITY OF FRANKLIN KEVIN SCHLUETER 9229 WEST LOOMIS ROAD FRANKLIN, WI 53132 414-425-8881 kschlueter@franklinwi.gov	MIKE PAULOS GRAEF 9229 WEST LOOMIS ROAD FRANKLIN, WI 53132 PHONE: 414-259-1500 EMAIL: MIKE.PAULOS@GRAEF-USA.COM		
COMMUNICATION SPECTRUM MARIO OVIEDO 1320 NORTH DR. MARTIN LUTHER KING JR DRIVE MILWAUKEE, WI 53212 414-277-4256 mario.oviedo@charter.com			COMMUNICATION VERIZON RJ CICATELLO JR 15725 WEST RYERSON ROAD NEW BERLIN, WI 53151 (O) 262-782-9836 (C) 262-232-1323 randy.cicatello@verizon.com			CHIEF SURVEYOR (SEWRPC) ROB MERRY SE REGION W239 N1812 ROCKWOOD DRIVE PO BOX 1607 WAUKESHA, WI 53187-1607 PHONE: 262-953-4289 EMAIL: RMERRY@SEWRPC.ORG	
ELECTRIC WE ENERGIES DAN BANDOR 500 SOUTH 116TH STREET WEST ALLIS, WI 53214 414-944-5738 daniel.bandor@we-energies.com			GAS WE ENERGIES DAN BANDOR 500 SOUTH 116TH STREET WEST ALLIS, WI 53214 414-944-5738 daniel.bandor@we-energies.com	GAS WEST SHORE PIPE LINE COMPANY DAVID JONES 6161 HAMILTON BOULEVARD ALLENTOWN, PA 18106 610-904-4409 dajones@buckeye.com	CHIEF TRANSPORTATION ENGINEER (SEWRPC) CHRISTOPHER HIEBERT, P.E. SE REGION W239 N1812 ROCKWOOD DRIVE PO BOX 1607 WAUKESHA, WI 53187-1607 PHONE: 262-953-3227 EMAIL: CHIEBERT@SEWRPC.ORG		
			CONSTRUCTION COORDINATOR (SEWRPC) ANDY TRAEGER SE REGION W239 N1812 ROCKWOOD DRIVE PO BOX 1607 WAUKESHA, WI 53187-1607 PHONE: 262-953-4296 EMAIL: ATRAEGER@SEWRPC.ORG			WISDOT - SIGNALS JARRETT GATES WISDOT 141 NW BARSTOW ST PO BOX 798 WAUKESHA, WI 53188 PHONE: 262-548-5894 EMAIL: JARRETT.GATES@DOT.WI.GOV	

*FOR INFORMATION ONLY

AT&T WI - COMMUNICATION LINE
MIKE VANBOVEN
435 SOUTH 95TH STREET
MILWAUKEE, WI 53214
262-676-3958
MV3658@ATT.COM

ATC MANAGEMENT - ELECTRICITY-TRANSMISSION
ANTHONY MARCINIAK
W234N2000 RIDGEVIEW PARKWAY CT
WAUKESHA, WI 53188
262-506-6582
AMARCINIAK@ATCLLC.COM

LEVEL 3 COM LLC - COMMUNICATION LINE
1025 ELDORADO BLVD
BROOMFIELD, CO 80021
PHONE
RELOCATIONS@LUMEN.COM

SPECTRUM - COMMUNICATION LINE
DAVE YOPPS
12405 POWERSCOURT DRIVE
ST. LOUIS, MO 63131
414-277-4281
CHTR_WI_CONST@CHARTER.COM

TDS METROCOM LLC - COMMUNICATION LINE
MATTHEW SCHULTE
262-754-3063
MATT.SCHULTE@TDSTELECOM.COM

WE ENERGIES - GAS & ELECTRIC
231 W. MICHIGAN AVENUE
MILWAUKEE, WI 53203
414-944-5738
WE-UTILITY-RELOCATIONS@WE-ENERGIES.COM

WISDOT PROJECT MANAGER
JUSTIN SUYDAM
141 NW BARSTOW ST
WAUKESHA, WI 53188
262-548-8745
JUSTIN.SUYDAM@DOT.WI.GOV

FOTH PROJECT MANAGER
CHRIS SAXBY
5117 WEST TERRACE DRIVE, SUITE 401
MADISON, WI 53718
608-242-5942
CHRIS.SAXBY@FOTH.COM

RACINE COUNTY HIGHWAY COMMISSIONER
DAVID PROTT
14200 WASHINGTON AVENUE
STURTEVANT, WI 53177
262-866-8440
DAVID.PROTT@RACINECOUNTY.COM

DNR LIASON
BENTON STELZEL
141 NW BARSTOW ST
WAUKESHA, WI 53188
262-623-0194
BENTON.STELZEL@WISCONSIN.GOV

DIGGERSHOTLINE

Dial 811 or (800)242-8511

www.DiggersHotline.com

*FOR INFORMATION ONLY

AT&T WI - COMMUNICATION LINE
MIKE VANBOVEN
435 SOUTH 95TH STREET
MILWAUKEE, WI 53214
262-676-3958
MV3658@ATT.COM

ATC MANAGEMENT - ELECTRICITY-TRANSMISSION
ANTHONY MARCINIAK
W234N2000 RIDGEVIEW PARKWAY CT
WAUKESHA, WI 53188
262-506-6814
AMARCINIAK@ATCLLC.COM

LEVEL 3 COM LLC - COMMUNICATION LINE
1025 ELDORADO BLVD
BROOMFIELD, CO 80021
PHONE
RELOCATIONS@LUMEN.COM

SPECTRUM - COMMUNICATION LINE
DAVE YOPPS
12405 POWERSCOURT DRIVE
ST. LOUIS, MO 63131
414-277-4281
CHTR_WI_CONST@CHARTER.COM

SPRINT COM CO LP - COMMUNICATION LINE
STEVEN HUGHES
6100 SPRINT PKWY
OVERLAND PARK, KS 66251
PHONE
SHUGHES@COGENTCO.COM

WE ENERGIES - GAS & ELECTRIC
231 W. MICHIGAN AVENUE
MILWAUKEE, WI 53203
414-944-5738
WE-UTILITY-RELOCATIONS@WE-ENERGIES.COM

WISDOT PROJECT MANAGER
JUSTIN SUYDAM
141 NW BARSTOW ST
WAUKESHA, WI 53188
262-548-8745
JUSTIN.SUYDAM@DOT.WI.GOV

FOTH PROJECT MANAGER
CHRIS SAXBY
5117 WEST TERRACE DRIVE, SUITE 401
MADISON, WI 53718
608-242-5942
CHRIS.SAXBY@FOTH.COM

RACINE COUNTY HIGHWAY COMMISSIONER
DAVID PROTT
14200 WASHINGTON AVENUE
STURTEVANT, WI 53177
262-866-8440
DAVID.PROTT@RACINECOUNTY.COM

DNR LIASON
BENTON STELZEL
141 NW BARSTOW ST
WAUKESHA, WI 53188
262-623-0194
BENTON.STELZEL@WISCONSIN.GOV

DIGGERSHOTLINE

Dial 811 or (800)242-8511

www.DiggersHotline.com

UTILITIES CONTACTS

Flint Hills Resources, LC

Gas/Petroleum
Cody Nelson
E 3660 Spruce Rd
Eleva, WI 54738
PHONE: (715) 286-0002
EMAIL: Cody.Nelson@fhr.com

Frontier Communications of WI LLC

Communication Line
Chris Pollack
421 4th St
Wausau, WI 54403
PHONE: (715) 847-1240
EMAIL: Christopher.Pollack@ftr.com

Verizon Business

Communication Line
RJ Cicatello Jr.
15725 West Ryerson Rd
New Berlin, WI 53151
PHONE: (262) 782-9836
EMAIL: Randy.Cicatello@verizon.com

We Energies

Electricity, Gas/Petroleum
Utility Coordinator
500 S 116th St
West Allis, WI 53214
PHONE: (414) 944-5738
EMAIL: We-Utility-relocations@we-energies.com

WIN Technology

Communication Line
John Louis
4955 Bullis Farm Rd
Eau Claire, WI 54701
PHONE: (715) 838-4012
EMAIL: John.Louis@wintechnology.com

REGION SURVEY COORDINATOR

SCOTT M. SCHMIDT
WASHINGTON
900 LANG ST
WEST BEND, WI 53090
PHONE: 262-335-6881
EMAIL: SCOTT.SCHMIDT@CO.WASHINGTON.WI.US

CITY OF SLINGER CONTACT

James Haggerty
Director of Public Works
300 Slinger Rd - P.O. Box 227
Slinger, WI 53086
PHONE: (262) 644-5265
EMAIL: Jhaggert@vi.slinger.wi.gov

COUNTY HIGHWAY COMMISSIONER

Scott Schmidt
Washington
900 Lang St
West Bend, WI 53090
PHONE: (262) 335-6881
EMAIL: scott.schmidt@co.washington.wi.us

DIGGERSHOTLINE

Dial 811 or (800)242-8511

www.DiggersHotline.com

*FOR INFORMATION ONLY

UTILITY CONTACTS

AT&T WISCONSIN
NATHAN GIBERT
411 7TH STREET
RACINE, WI 53403
P: (262)-720-8235
E: NG952W@ATT.COM

CITY OF GREENFIELD
JEFF KATZ
7325 W FOREST HOME AVE
MILWAUKEE, WI 53220
P: (414)-939-8322
E: JEFFERY.KATZ@GREENFIELDWI.US

CITY OF MILWAUKEE - SEWERS
ZAFAR YOUSEF
841 N BROADWAY , ROOM 501
MILWAUKEE, WI 53202
E: ZYOUSUF@MILWAUKEE.GOV

CITY OF MILWAUKEE - WATER WORKS
JOSH IWEN
841 N BROADWAY , ROOM 501
MILWAUKEE, WI 53202
E: JIWEN@MILWAUKEE.GOV

MILWAUKEE METROPOLITAN SEWER DISTRICT
MICHAEL LEE
260 WEST SEEBOTH STREET
MILWAUKEE, WI 53221
P: (414) 225-2241
E: MLEE@MMSD.COM

* NOT MEMBER OF DIGGERS HOTLINE

SPECTRUM
ROBERT DETERT
1320 N DR MARTIN LUTHER KING JUNIOR DRIVE
MILWAUKEE, WI 53212
C: (414)-688-0348
E: ROBERT.DETERT@CHARTER.COM

WE ENERGIES - ELECTRIC
SYDNEY BATCHELOR
500 S 116TH STREET
WEST ALLIS, WI 53214
P: (414)-221-2738
E: WE-UTILITY-RELOCATIONS@WE-ENERGIES.COM

WE ENERGIES - GAS
SYDNEY BATCHELOR
500 S 116TH STREET
WEST ALLIS, WI 53214
P: (414)-221-2738
E: WE-UTILITY-RELOCATIONS@WE-ENERGIES.COM



Dial  or (800)242-8511
www.DiggersHotline.com

UTILITIES CONTACTS

*FOR INFORMATION ONLY

AT&T LOCAL NETWORK

COMMUNICATION
DALE DEFEVER
39869 LINN ST
CANTON, MI 48147
PHONE: 586-242-2671
EMAIL: DD2579@ATT.COM

AT&T WISCONSIN

COMMUNICATION
JAY BULANEK
435 SOUTH 95TH STREET
MILWAUKEE, WI 53214-1226
PHONE: 414-491-2855
EMAIL: JB5175@ATT.COM

CITY OF MILWAUKEE

CONDUIT
KAREN ROGNEY
841 N BROADWAY, ROOM 920
MILWAUKEE, WI 53202
PHONE: (414) 286-3243
EMAIL: KROGNE@MILWAUKEE.GOV

CITY OF MILWAUKEE

WATER
JOSHUA IWEN
841 N BROADWAY, 4TH FLOOR
MILWAUKEE, WI 53202
PHONE: (414) 286-3640
EMAIL: JIWEN@MILWAUKEE.GOV

CITY OF MILWAUKEE

STREET LIGHTING
ENG-KIE LEE
841 N BROADWAY, 9TH FLOOR
MILWAUKEE, WI 53202
PHONE:(414) 286-2174
EMAIL: ELEE@MILWAUKEE.GOV

CITY OF MILWAUKEE

SEWER
ZAFAR YOUSUF
841 N BROADWAY, 4TH FLOOR
MILWAUKEE, WI 53202
PHONE: (414) 286-2467
EMAIL: ZYOUSU@MILWAUKEE.GOV

EVERSTREAM

COMMUNICATION
SHAD GARCIA
ADDRESS
CITY, STATE ZIP
PHONE: XXX-XXX-XXXX
EMAIL: WI-RELOCATIONS@EVERSTREAM.NET

LUMEN

COMMUNICATION
GENERAL MAILBOX CENTURYLINK NATIONAL OSP RELOC
ADDRESS
CITY, STATE ZIP
PHONE: XXX-XXX-XXXX
EMAIL: RELOCATIONS@LUMEN.COM

MIDWEST FIBER NETWORKS

COMMUNICATION
MWFN UTILLITY COORDINATOR
6070 NORTH FLINT ROAD
GLENDALE, WI 53209
PHONE: (414) 672-5612
EMAIL: RELOCATIONREQUESTS@MIDWESTFIBERNETWORKS.COM

MILWAUKEE METROPOLITAN SEWERAGE DISTRICT

SEWER
MICHAEL LEE
260 W SEEBOTH ST
MILWAUKEE, WI 53204
PHONE: (414) 225-2241
EMAIL: MLEE@MMSD.COM

CITY OF MILWAUKEE

COMMUNICATION
JOE MACIEJEWSKI
841 N BROADWAY, 4TH FLOOR
MILWAUKEE, WI 53202
PHONE: (414) 286-3547
EMAIL: JOE.MACIEJEWSKI@MILWAUKEE.GOV

SPECTRUM

COMMUNICATION
DAVE YOPPS
1320 N DR MARTIN LUTHER KING JR DR
MILWAUKEE, WI 53212
PHONE: (414) 277-4281
EMAIL: CHTR_WI_CONST@CHARTER.COM

SPRINT

COMMUNICATIONS
MICHAEL BALL
N 2084 13TH RD
MONTELLO, WI 53949
PHONE: 608-273-7165
EMAIL:

VERIZON

COMMUNICATION
RANDALL KULA
1515 WOODFIELD RD
SCHAUMBURG, IL 60173
EMAIL: RANDALL.KULA@VERIZON.COM

VILLAGE OF WEST MILWAUKEE

WATER
KIM EGAN
4755 W BELOIT
WEST MILWAUKEE, WI 53214
PHONE: 414-645-1530
EMAIL: JAMES.STENZEL@WESTMILWAUKEE.WI.GOV

WE ENERGIES

ELECTRIC
TARA BLECHA
5400 N GREEN BAY AVE
GLENDALE, WI 53209
PHONE: (414) 540-5784
EMAIL: TARA.BLECHA@WE-ENERGIES.COM

WE ENERGIES

GAS
JOE DABLE
500 S 116TH ST
WEST ALLIS, WI 53214
PHONE: (414) 303-0310
EMAIL: JOE.DABLE@WE-ENERGIES.COM

WE ENERGIES

STEAM
WE ENERGIES UTILITIES COORDINATOR
500 S 116TH ST
WEST ALLIS, WI 53214
PHONE: (414) 944-5378
EMAIL: WE-UTILITY-RELOCATIONS@WE-ENERGIES.COM

WINDSTREAM

COMMUNICATION
LORI KETTER
969 WAUBE LANE
GREEN BAY, WI 54304
PHONE: (414) 410-6902
EMAIL: LORI.KETTER@WINDSTREAM.COM



Dial 811 or (800)242-8511

www.DiggersHotline.com

*FOR INFORMATION ONLY

UTILITIES CONTACTS

AT&T WISCONSIN - COMMUNICATION LINE
STEVE BURTCH
220 WISCONSIN AVENUE
WAUKESHA, WI 53186
PHONE: (262) 506-2849
SB7561@ATT.COM

FLINT HILLS RESOURCES, LC - GAS/PETROLEUM
CODY NELSON
E 3660 SPRUCE ROAD
ELEVA, WI 54738
PHONE: (715) 286-0002
CODY.NELSON@FHR.COM

SPECTRUM - COMMUNICATION LINE
JON TRAMMELL
1320 N MLK DR
MILWAUKEE, WI 53210
PHONE: (262) 420-0564
JON.TRAMMELL@CHARTER.COM

WE ENERGIES - ELECTRICITY
JOE FELLEENZ
W 149 N9100 LILLY ROAD
MENOMONEE FALLS, WI 53051
PHONE: (262) 502-6831
JOESPH.FELLEENZ@WE-ENERGIES.COM

WE ENERGIES - GAS/PETROLEUM
JACOB HULBERT
500 S 116TH STREET
WEST ALLIS, WI 53214
PHONE: (262) 968-5718
JACOB.HULBERT@WE-ENERGIES.COM



Dial 811 or (800)242-8511
www.DiggersHotline.com

*FOR INFORMATION ONLY

UTILITY CONTACTS

- * AT&T - LOCAL NETWORK
COMMUNICATION LINE
DALE DEFEVER
39869 LINN STREET
CANTON, MI 48147
PHONE: 586-242-2671
EMAIL: DD2579@ATT.COM

* LEVEL 3 COMMUNICATIONS
COMMUNICATION LINE
1025 ELDORADO BOULEVARD
BROOMFIELD, CO 80021
RELOCATIONS@LUMEN.COM

* VERIZON BUSINESS
COMMUNICATION LINE
RJ CICALTELLO JR.
15725 W RYERSON ROAD
NEW BERLIN, WI 53151
PHONE: 262-782-9836
EMAIL: RANDY.CICALTELLO@VERIZON.COM

* VILLAGE OF GERMANTOWN
WATER
PAUL HAUGEN
N112 W17001 MEQUON ROAD
GERMANTOWN, WI 53022-0337
PHONE: 262-253-8254
EMAIL: PHAUGEN@VILLAGE.GERMANTOWN.WI.US
- * AT&T - WISCONSIN
COMMUNICATION LINE
STEVE BURTC
220 WISCONSIN AVENUE
WAUKESHA, WI 53186
PHONE: 262-506-2849
EMAIL: SB7561@ATT.COM

* PAETEC COMMUNICATIONS
COMMUNICATION LINE
LORI KETTER
314 N DANZ AVENUE
GREEN BAY, WI 54302-3526
PHONE: 920-410-6902
EMAIL: LORI.KETTER@WINDSTREAM.COM

* VILLAGE OF MENOMONEE FALLS
SEWER AND WATER
MATTHEW JANECKE
W156 N8480 PILGRIM ROAD
MENOMONEE FALLS, WI 53051
PHONE: 262-532-4704
EMAIL: MJANECKE@MENOMONEE-FALLS.ORG
- * EVERSTREAM
COMMUNICATION LINE
324 E WISCONSIN AVENUE, SUITE 730
MILWAUKEE, WI 53202
PHONE: 414-409-1709
EMAIL: WI-RELOCATIONS@EVERSTREAM.NET

* SPECTRUM
COMMUNICATION LINE
DAVE YOPPS
1320 N DR. MARTIN LUTHER KING JR DRIVE
MILWAUKEE, WI 53212
PHONE: 414-277-4281
EMAIL: CHTR_WI_CONST@CHARTER.COM

* VILLAGE OF GERMANTOWN
SEWER
TIM ZIMMERMAN
N122 W17177 FOND DU LAC AVENUE
GERMANTOWN, WI 53022
PHONE: 262-253-7765
EMAIL: TZIMMERMAN@VILLAGE.GERMANTOWN.WI.US

- * WE ENERGIES
ELECTRICITY
500 S 116TH STREET
WEST ALLIS, WI 53214
PHONE: 414-221-2738
EMAIL: WE-UTILITY-RELOCATIONS@WE-ENERGIES.COM
- * WE ENERGIES
GAS
500 S 116TH STREET
WEST ALLIS, WI 53214
PHONE: 414-221-2738
EMAIL: WE-UTILITY-RELOCATIONS@WE-ENERGIES.COM



Dial  or (800)242-8511

www.DiggersHotline.com

* DENOTES DIGGERS HOTLINE MEMBERS

OTHER CONTACTS

- SEWRPC CONTACT

SCOTT M. SCHMIDT, PE, PLS
WASHINGTON COUNTY ENGINEER/SURVEYOR
WASHINGTON COUNTY HIGHWAY COMMISSIONER
VEHICLE MAINTENANCE STORAGE FACILITY
900 LANG STREET
WEST BEND, WI 53090
(262) 335-6881
SCOTT.SCHMIDT@CO.WASHINGTON.WI.US
- VILLAGE OF MENOMONEE FALLS
STREET LIGHTING
ARLYN JOHNSON
W156 N8480 PILGRIM ROAD
MENOMONEE FALLS, WI 53051-3140
PHONE: 262-532-4700
EMAIL: PW@MENOMONEE-FALLS.ORG

WISDOT
STREET LIGHTING
ERIC PEREA
141 NW BARSTOW STREET
WAUKESHA, WI 53188
PHONE: 262-574-5422
EMAIL: ERIC.PEREA@DOT.WI.GOV
- VILLAGE OF GERMANTOWN
ROADWAY
SCOTT ANDERSON
N112 W17001 MEQUON ROAD
P.O. BOX 337
GERMANTOWN, WI 53022
PHONE: 262-253-8253
EMAIL: SANDERSON@GERMANTOWNWI.GOV
- WISDOT
TRAFFIC SIGNALS
JOYCE MURPHY
141 NW BARSTOW STREET
WAUKESHA, WI 53188
PHONE: 262-548-5933
EMAIL: JOYCE.MURPHY@DOT.WI.GOV

*FOR INFORMATION ONLY

UTILITY CONTACT LIST:

AT&T - COMMUNICATION ATTENTION: TYLER FLECK 220 WISCONSIN AVE WAUKESHA, WI 53186 TELEPHONE: 424.248.6803 EMAIL: TF8394@ATT.COM	WE ENERGIES - GAS 1830 S WEST AVE WAUKESHA, WI 53189 ATTENTION: JACOB HULBERT TELEPHONE: 262.968.5718 EMAIL: JACOB.HULBERT@WE-ENERGIES.COM
SPECTRUM - COMMUNICATION ATTENTION: JON TRAMMELL 1320 N DR MARTIN LUTHER KING JR DR TELEPHONE: 262.420.0564 EMAIL: JON.TRAMMELL@CHARTER.COM	WE ENERGIES - ELECTRIC 1830 S WEST AVE WAUKESHA, WI 53189 ATTENTION: JOE FELLEENZ TELEPHONE: 262.502.6831 EMAIL: JOSEPH.FELLEENZ@WE-ENERGIES.COM
VILLAGE OF MENOMONEE FALLS - WATER & SANITARY W156 N8480 PILGRIM ROAD MENOMONEE FALLS, WI 53051 ATTENTION: TOM DIMOFF TELEPHONE: 262.523.4807 EMAIL: TDIMOFF@MENOMONEE-FALLS.ORG	

DIGGERSHOTLINE

Dial  or (800)242-8511

www.DiggersHotline.com

UTILITIES CONTACTS

AT&T WISCONSIN
COMMUNICATION LINE
GARRETT BARTH
411 7TH STREET
RACINE, WI 53403
PHONE: 920-957-0327
EMAIL: GB1789@ATT.COM

ALLIANT ENERGY
ELECTRICITY
WP&L ROAD PLANS
4902 NORTH BILTMORE LANE
MADISON, WI 53718
PHONE: 608-458-3162
EMAIL: WPLROADPLANS@ALLIANTENERGY.COM

ENBRIDGE ENERGY
GAS/PETROLEUM
KELLY DALY
1600 2ND AVE SW, SUITE 16
MINOT, ND 58701
PHONE: 701-857-0813
EMAIL: MWRCROSSINGS@ENBRIDGE.COM

FRONTIER COMMUNICATIONS OF WI LLC
COMMUNICATION LINE
CHRIS POLLACK
421 4TH ST
WAUSAU, WI 54403
PHONE: 715-847-1240
EMAIL: CHRISTOPHER.POLLACK@FTR.COM

SPECTRUM
COMMUNICATION LINE
JUSTIN MONROE-JIMENEZ
2701 DANIELS ST
MADISON, WI 53718
PHONE: 608-288-6843
EMAIL: CHTR_WI_CONST@CHARTER.COM

WE ENERGIES
ELECTRCITY
WE ENERGIES UTILTY COORDINATOR
500 S 116TH ST
WEST ALLIS, WI 53214
PHONE: 414-944-5738
EMAIL: WE-UTILITY-RELOCATIONS@WE-ENERGIES.COM

WE ENERGIES
GAS/PETOLEUM
WE ENERGIES UTILTY COORDINATOR
500 S 116TH ST
WEST ALLIS, WI 53214
PHONE: 414-944-5738
EMAIL: WE-UTILITY-RELOCATIONS@WE-ENERGIES.COM



Dial 811 or (800)242-8511
www.DiggersHotline.com

UTILITIES

COMMUNICATIONS
FRONTIER COMMUNICATIONS
HARMINDER SINGH
(763) 317-8159
hsingh@Pearce-Services.com

COMMUNICATIONS
SPECTRUM/CHARTER
KIRK NICHOLS
1320 N. MARTIN LUTHER KIND JR DR
MILWAUKEE, WI 53212
(414) 758-9241

COMMUNICATIONS
SPRINT/T-MOBILE
DAN HILLIARD
849 EARL ST
SAINT PAUL, MN 55106
OFFICE: (320)-281-0187
CELL: (612) 217-3526
DAN.J.HILLIARD@T-MOBILE.COM

SANITARY SEWER
VILLAGE OF SALEM LAKES
KRISTIN STONE
9814 ANTIOCH RD
SALEM, WI 53168
(262) 843-2313 EXT. 5704
KSTONE@VOSLWI.GOV

ELECTRIC
WE ENERGIES - ELECTRIC
DOUG MANTEY
500 S 116TH ST
WEST ALLIS, WI 53214
(262) 806-9167
DOUG.MANTEY@WE-ENERGIES.COM

GAS
WE ENERGIES - GAS
SPENCER DOONER
700 KANE S. ST
BURLINGTON, WI 53105
(262) 763-1083
SPENCER.DOONER@WE-ENERGIES.COM

*FOR INFORMATION ONLY

PROJECT CONTACTS

KENOSHA COUNTY
GREGORY BOLDT
19600 75TH ST, SUITE 122-1
BRISTOL, WI 53104
(262) 653-1870
GREGORY.BOLDT@KENOSHACOUNTY.ORG

TOWN OF RANDALL
PAULA SODERMAN
34530 BASSETT RD
BURLINGTON, WI 53105
(262) 539-5467
PAULASODERMANTOWNMAIL@GMAIL.COM

VILLAGE OF SALEM LAKES
BRAD ZAUTCKE
9814 ANTIOCH RD
SALEM, WI 53168
(262) 843-2313 EXT. 5670
BZAUTCKE@VOSLWI.GOV

VILLAGE OF TWIN LAKES
STAN CLAUSE
800 BURLINGTON AVE
TWIN LAKES, WI 53181
(262) 877-2599
PUBLICWORKS@TWINLAKESWI.GOV

SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION
ROB MERRY, CHIEF SURVEYOR
W239 N1812 ROCKWOOD DRIVE
P.O. BOX 1607
WAUKESHA, WI 53187-1607
OFFICE: (262) 953-4289
CELL: (920) 912-1036
RMERRY@SEWRPC.ORG

ANDY TRAEGER, CONSTRUCTION COORDINATOR
W239 N1812 ROCKWOOD DRIVE
P.O. BOX 1607
WAUKESHA, WI 53187-1607
OFFICE: (262)-953-4296
CELL: (262) 853-8463
ATRAEGER@SEWRPC.ORG



Dial 811 or (800)242-8511
www.DiggersHotline.com

UTILITIES CONTACTS

WE ENERGIES
OVERHEAD ELECTRIC
JOE FELLEENZ
W140 N9100 LILLY ROAD
MENOMONEE FALLS, WI 53051
PHONE: 414-322-8928
EMAIL: JOSEPH.FELLEENZ@WE-ENERGIES.COM

FRONTIER COMMUNICATIONS
OVERHEAD COMMUNICATIONS
JERRY MOORE
2222 WEST WISCONSIN STREET
PORTAGE, WI 53901
PHONE: 608-742-9507
EMAIL: JERALD.R.MOORE@FTR.COM

CHARTER COMMUNICATIONS
OVERHEAD COMMUNICATIONS
NICK FRASE
1515 WASHINGTON DR
WEST BEND, WI 53095
PHONE: 920-304-6797
EMAIL: NICK.FRASE@CHARTER.COM

DIGGERSHOTLINE

Dial  or (800)242-8511

www.DiggersHotline.com

* DENOTES UTILITIES THAT ARE NOT
DIGGERS HOTLINE MEMBERS

*FOR INFORMATION ONLY

UTILITIES CONTACTS

AT&T WISCONSIN
COMMUNICATION LINE
JAY BULANEK
435 SOUTH 95TH STREET
MILWAUKEE, WI 53214
PHONE: (262) 896-7669
EMAIL: jb5175@att.com

MIDWEST FIBER NETWORKS LLC
COMMUNICATION LINE
MWFN UTILITY COORDINATOR
6070 NORTH FLINT ROAD
GLENDALE, WI 53209
PHONE: (414) 672-5612
EMAIL: relocationrequests@midwestfibernetworks.com

WIN TECHNOLOGY
COMMUNICATION LINE
JOHN LOUIS
4955 BULLIS FARM ROAD
EAU CLAIRE, WI 53701
PHONE: (715) 838-4012
EMAIL: john.louis@wintechonology.com

ATC MANAGEMENT INC
ELECTRICITY-TRANSMISSION
ANTHONY MARCINIAK
W234 N2000 RIDGEVIEW PARKWAY CT
WAUKESHA, WI 53187
PHONE: (262) 506-6814
EMAIL: amarciniak@atcllc.com

MIILWAUKEE METROPOLITAN SEWERAGE DISTRICT
SEWER
MICKI KLAPPA-SULLIVAN
260 W SEEBOTH ST
MILWAUKEE, WI 53204
PHONE: (414) 225-2178
EMAIL: mklappasullivan@mmsd.com

VILLAGE OF MENOMONEE FALLS SEWER UTILITY
SEWER
MATTHEW JANECKE
W156 N8480 PILGRIM RD
MENOMONEE FALLS, WI 53051
PHONE: (262) 532-4704
EMAIL: MJanecke@menomonee-falls.org

CITY OF MILWAUKEE
COMMUNICATION LINE
JOE MACIEJEWSKI
841 N BROADWAY, 4TH FLOOR
MILWAUKEE, WI 53202
PHONE: (414) 286-3547
EMAIL: joe.maciejewski@milwaukee.gov

SPECTRUM
COMMUNICATION LINE
DAVE YOPPS
1320 N. DR MARTIN LUTHER KING JR DRIVE
MILWAUKEE, WI 53212
PHONE: (414) 277-4281
EMAIL: chtr_wi_const@charter.com

VILLAGE OF MENOMONEE FALLS WATER UTILITY
WATER
MATTHEW JANECKE
W156 N8480 PILGRIM RD
MENOMONEE FALLS, WI 53051
PHONE: (262) 532-4704
EMAIL: MJanecke@menomonee-falls.org

CITY OF MILWAUKEE
CONDUIT
ENG-KIE LEE
841 N BROADWAY, 9TH FLOOR
MILWAUKEE, WI 53202
PHONE: (414) 286-2174
EMAIL: elee@milwaukee.gov

SPRINT COMMUNICATIONS CO LP
COMMUNICATION LINE
STEVEN HUGHES
1457 COUNTY ROAD 545 S
SKANDIA, MI 49885
PHONE: (513) 462-7221
EMAIL: Steven.Hughes1@T-Mobile.com

CITY OF MILWAUKEE
SEWER
ZAFAR YOUSUF
841 N BROADWAY, 4TH FLOOR
MILWAUKEE, WI 53202
PHONE: 414-286-2467
EMAIL: zyousu@milwaukee.gov

VERIZON BUSINESS
COMMUNICATION LINE
RJ CICALTELLO JR.
15725 WEST RYERSON ROAD
NEW BERLIN, WI 53151
PHONE: (262) 782-9836
EMAIL: randy.cicattello@verizon.com

CITY OF MILWAUKEE
WATER
JOSHUA IWEN
841 N BROADWAY, 4TH FLOOR
MILWAUKEE, WI 53202
PHONE: (414) 286-3640
EMAIL: jiwten@milwaukee.gov

WE ENERGIES
ELECTRICITY
WE ENERGIES UTILITY COORDINATOR
500 S 116TH STREET
WEST ALLIS, WI 53214
PHONE: (414) 944-5738
EMAIL: we-utility-relocations@we-energies.com

CROWN CASTLE FIBER LLC
COMMUNICATION LINE
ANTHONY MISTRETTA
3025 HIGHLAND PARKWAY
DOWNERS GROVE, WI 60515
PHONE: (630) 824-8692
EMAIL: anthony.mistretta@crowncastle.com

WE ENERGIES
GAS/PETROLEUM
WE ENERGIES UTILITY COORDINATOR
500 S 116TH STREET
WEST ALLIS, WI 53214
PHONE: (414) 944-5738
EMAIL: we-utility-relocations@we-energies.com

EVERSTREAM
COMMUNICATION LINE
EVERSTREAM UTILITY COORDINATION
324 E WISCONSIN AVE, SUITE 730
MILWAUKEE, WI 53202
PHONE: (414) 409-1709
EMAIL: WI-Relocations@everstream.net

LEVEL 3 COMMUNICATIONS LLC
COMMUNICATION LINE
NETWORK RELOCATIONS
1025 ELDORADO BLVD
BROOMFIELD, CO 80021
PHONE: N/A

*FOR INFORMATION ONLY

OTHER CONTACTS

WISDOT ATR PULL BOXES
ELECTRIC
CHAD BIGLER
3633 PIERSTORFF ST
MADISON, WI 53704
PHONE: (608) 535-7413
EMAIL: chad.bigler@dot.wi.gov

LAWRENCE J TIMMERMAN FIELD
ELECTRIC
JAMES ZSEBE
5300 S HOWELL AVE
MILWAUKEE, WI 53207
PHONE: (414) 747-5394
EMAIL: jzsebe@mitchellairport.com

CITY OF MILWAUKEE
ROAD FACILITY
JAMES KRINGER
841 N BROADWAY, 6TH FLOOR
MILWAUKEE, WI 53202
PHONE: (414) 708-2428
EMAIL: jkring@milwaukee.gov

VILLAGE OF MENOMONEE FALLS PUBLIC WORKS
ROAD FACILITY
THOMAS HOFFMAN
W156 N8480 PILGRIM RD
MENOMONEE FALLS, WI 53051
PHONE: (262) 532-4400
EMAIL: thoffman@menomonee-falls.org

CITY OF MILWAUKEE
STREET LIGHTING
ENG-KIE LEE
841 N BROADWAY, 9TH FLOOR
MILWAUKEE, WI 53202
PHONE: (414) 286-2174
EMAIL: elee@milwaukee.gov

VILLAGE OF MENOMONEE FALLS PUBLIC WORKS
STREET LIGHTING
ARLYN JOHNSON
W156 N8480 PILGRIM RD
MENOMONEE FALLS, WI 53051
PHONE: (262) 532-4700
EMAIL: pw@menomonee-falls.org

CITY OF MILWAUKEE
TRAFFIC SIGNALS
SCOTT REINBACHER
841 N BROADWAY, 9TH FLOOR
MILWAUKEE, WI 53202
PHONE: (414) 286-3232
EMAIL: sreimb@milwaukee.gov

WISCONSIN DEPARTMENT OF TRANSPORTATION
COMMUNICATION LINE
JEFF MADSON
433 W. ST. PAUL AVENUE, SUITE 300
MILWAUKEE, WI 53203
PHONE: (414) 225-3723
EMAIL: jeffrey.madson@dot.wi.gov

CITY OF MILWAUKEE

DAVID TAPIA
MAJOR PROJECTS MANAGER
841 N BROADWAY ST, ROOM 701
MILWAUKEE, WI 53202
PHONE: (414) 286-2453
EMAIL: dtapia@milwaukee.gov

WISCONSIN DEPARTMENT OF TRANSPORTATION
STREET LIGHTING
ERIC PEREA
141 NW BARSTOW STREET
WAUKESHA, WI 53188
PHONE: (262) 574-5422
EMAIL: eric.perea@dot.wi.gov

SEWRPC CONTACTS

SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION
ROB MERRY, CHIEF SURVEYOR
W29 N1812 ROCKWOOD DR
WAUKESHA, WI 53187
PHONE: (262) 953-4289
EMAIL: RMERRY@SEWRPC.ORG

MILWAUKEE COUNTY DPW
ROAD FACILITY
DANIEL MURPHY
10320 WATERTOWN PLANK RD
WAUWATOSA, WI 53226
PHONE: (414) 257-5942
EMAIL: daniel.murphy@milwaukeecountywi.gov



Dial 811 or (800)242-8511
www.DiggersHotline.com

PROJECT NO: 3742-03-70

HWY: STH 175

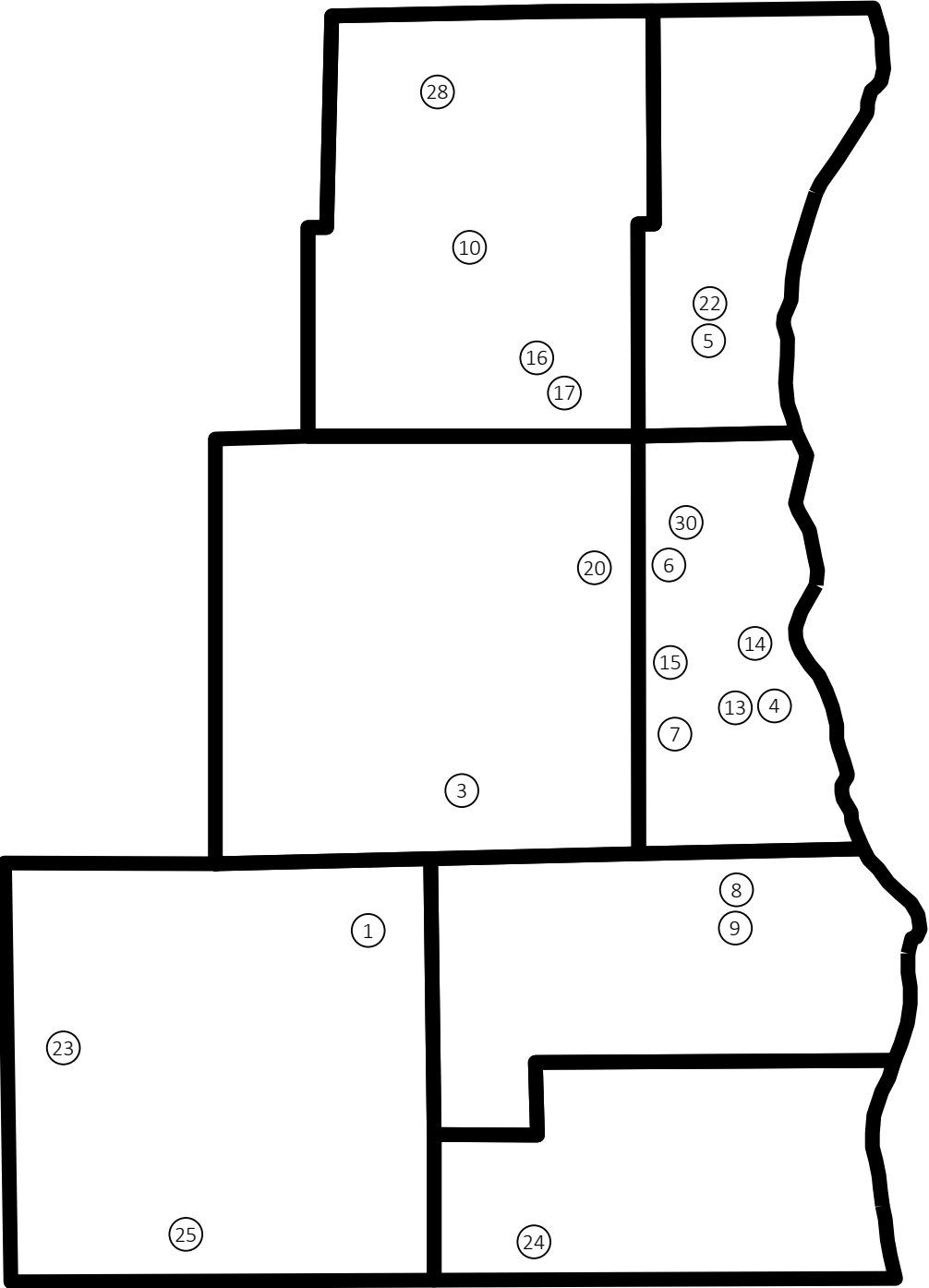
COUNTY: MILWAUKEE

PROJECT CONTACTS - SITE 30

SHEET

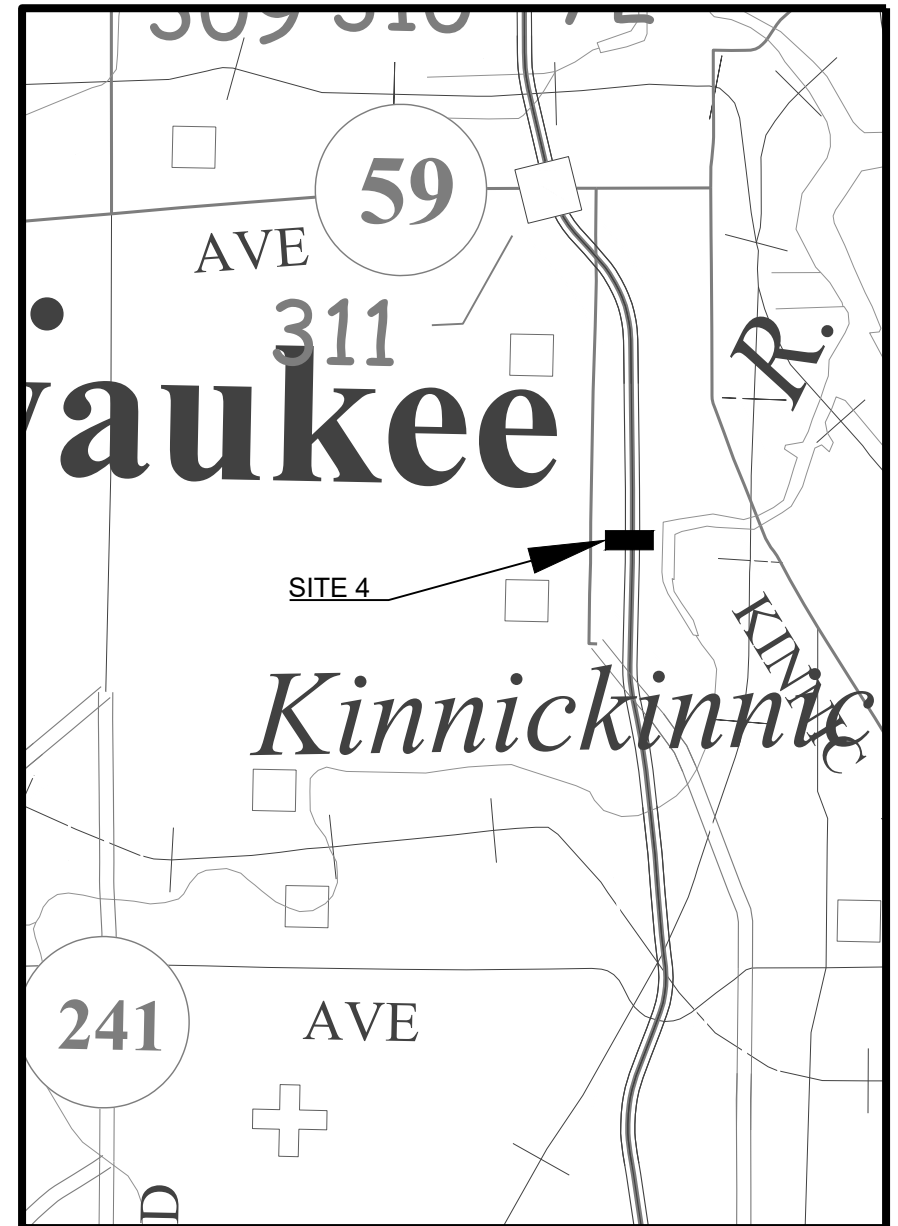
E

SITE	CONSTRUCTION ID	ROADWAY	COUNTY
1	1090-03-77	STH 20	WALWORTH
3	1090-39-70	IH 43	WAUKESHA
4	1228-09-77	IH 43	MILWAUKEE
5	1380-02-71	STH 167	OZAUKEE
6	2030-10-71	STH 100	MILWAUKEE
7	2040-21-70	USH 45	MILWAUKEE
8	2290-25-70	STH 38	RACINE
9	220-26-70	STH 38	RACINE
10	2310-09-71	STH 60	WASHINGTON
13	2395-07-71	LOCAL STREET	MILWAUKEE
14	2410-10-70	STH 59	MILWAUKEE
15	2410-15-70	LOCAL STREET	MILWAUKEE
16	2475-04-71	STH145	WASHINGTON
17	2475-08-71	STH 145	WASHINGTON
20	2720-09-71	LOCAL STREET	WAUKESHA
22	2729-07-70	STH 181	OZAUKEE
23	3390-08-70	STH 89	WALWORTH
24	3751-03-70	LOCAL STREET	KENOSHA
25	3846-00-74	LOCAL STREET	WALWORTH
28	4824-03-72	LOCAL STREET	WASHINGTON
30	2010-03-72	STH 175	MILWAUKEE

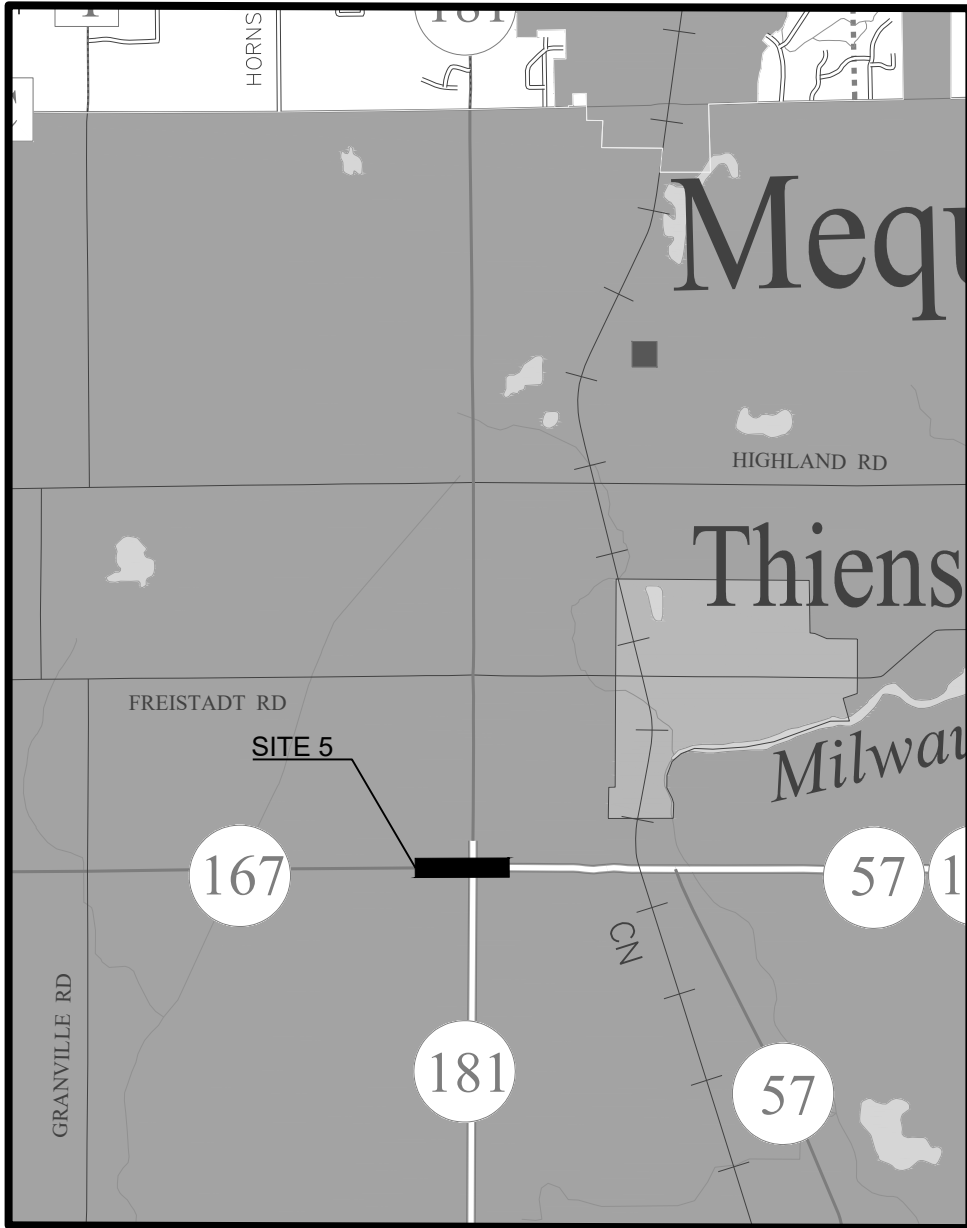




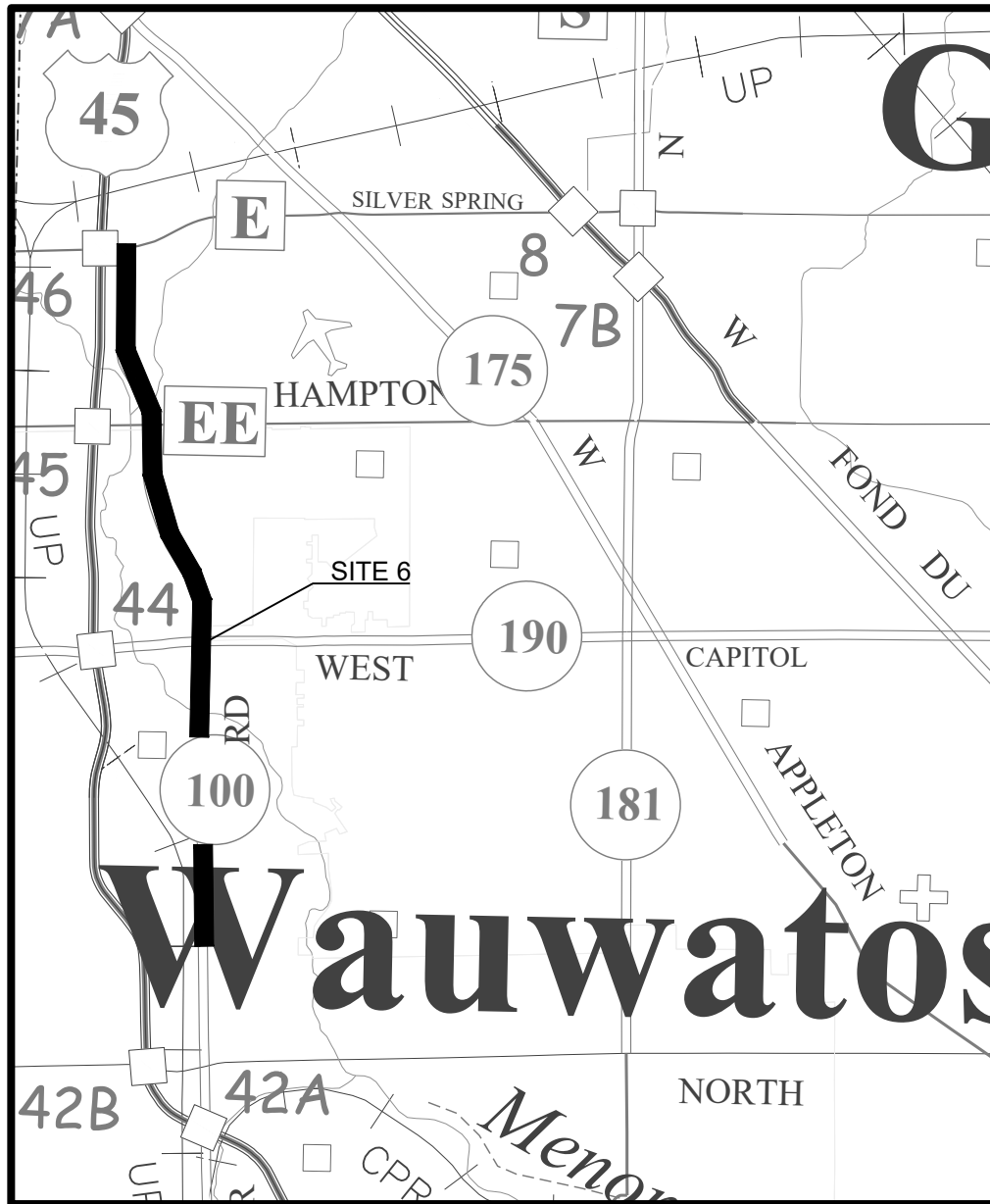
SITE 4
MILWAUKEE COUNTY
IH 43



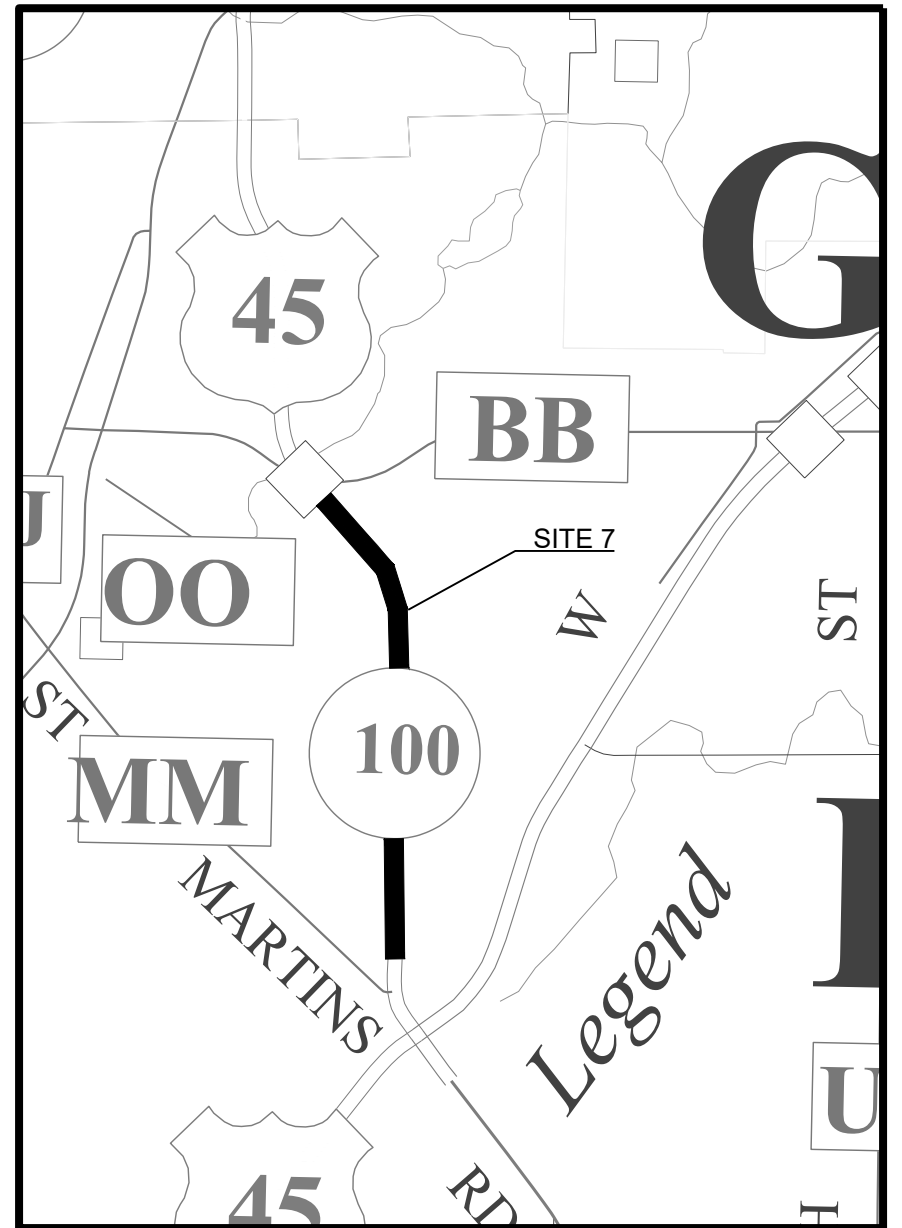
SITE 5
OZAUKEE COUNTY
STH 167



SITE 6
MILWAUKEE COUNTY
STH 100

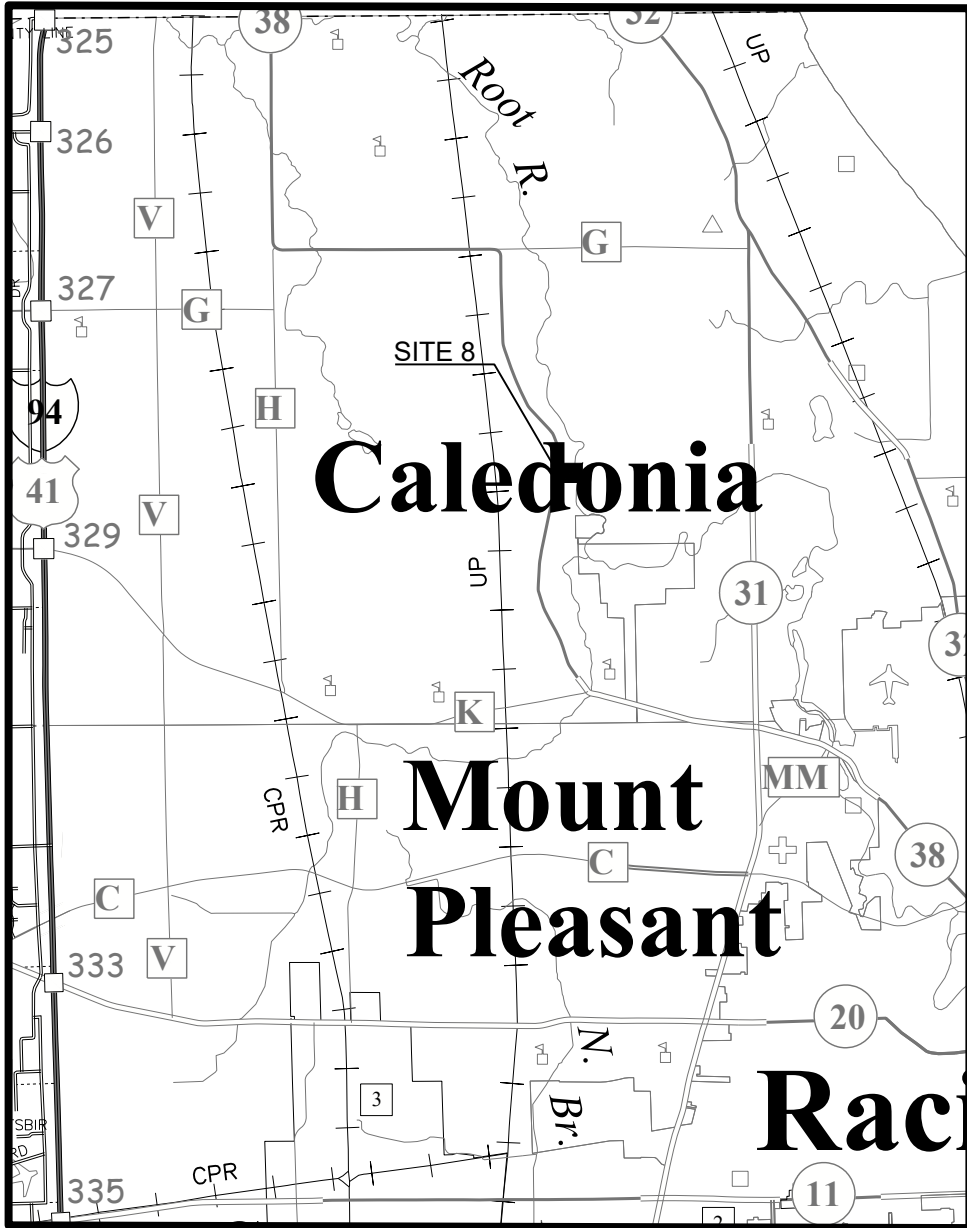


SITE 7
MILWAUKEE COUNTY
USH 45

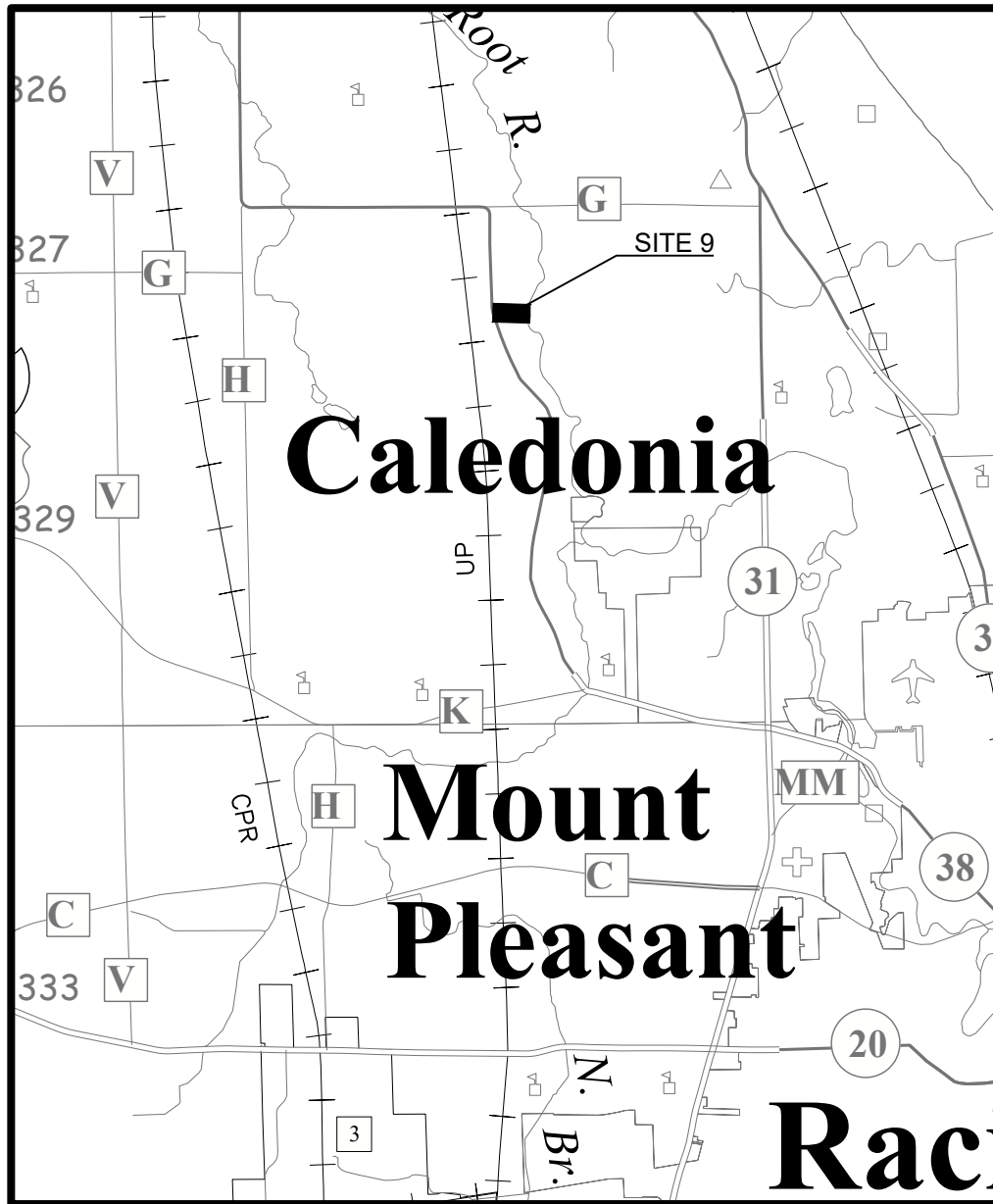




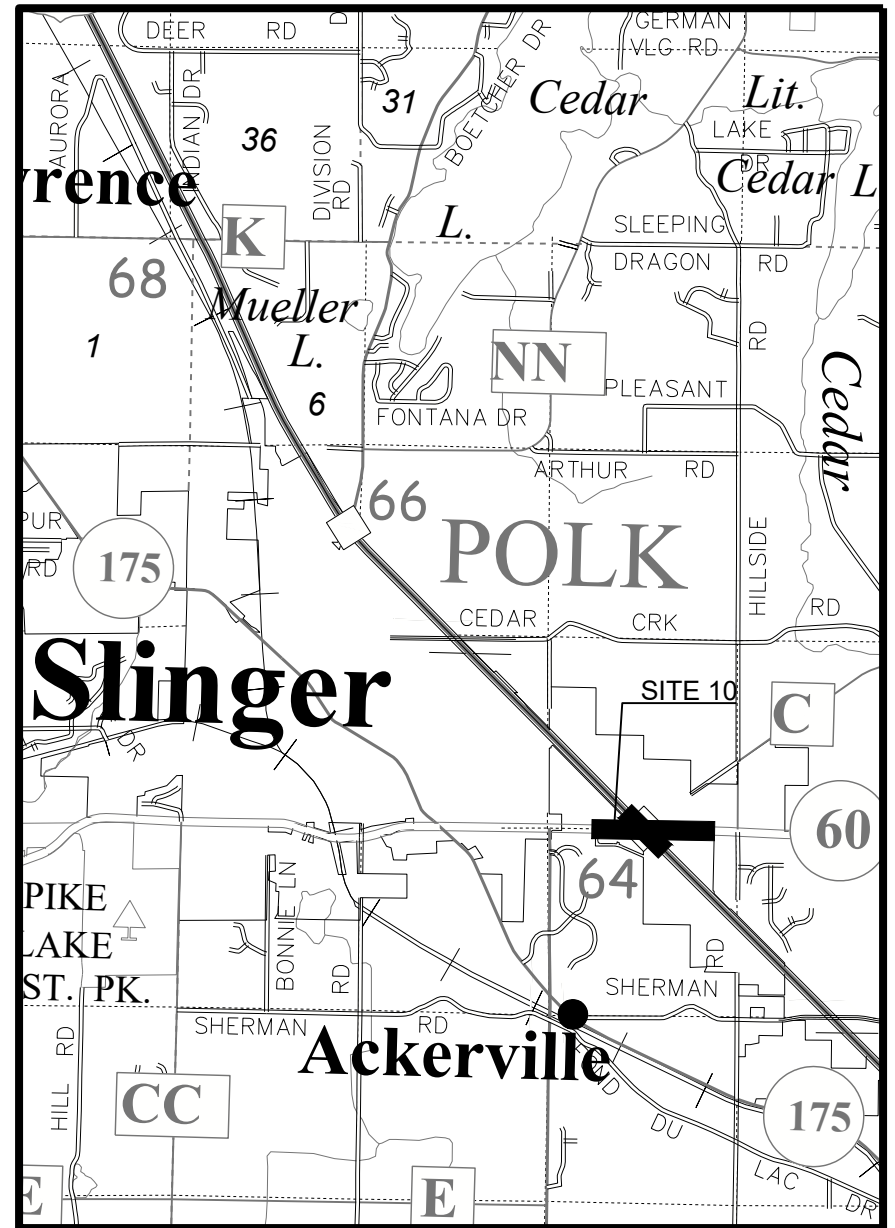
SITE 8
RACINE COUNTY
STH 38



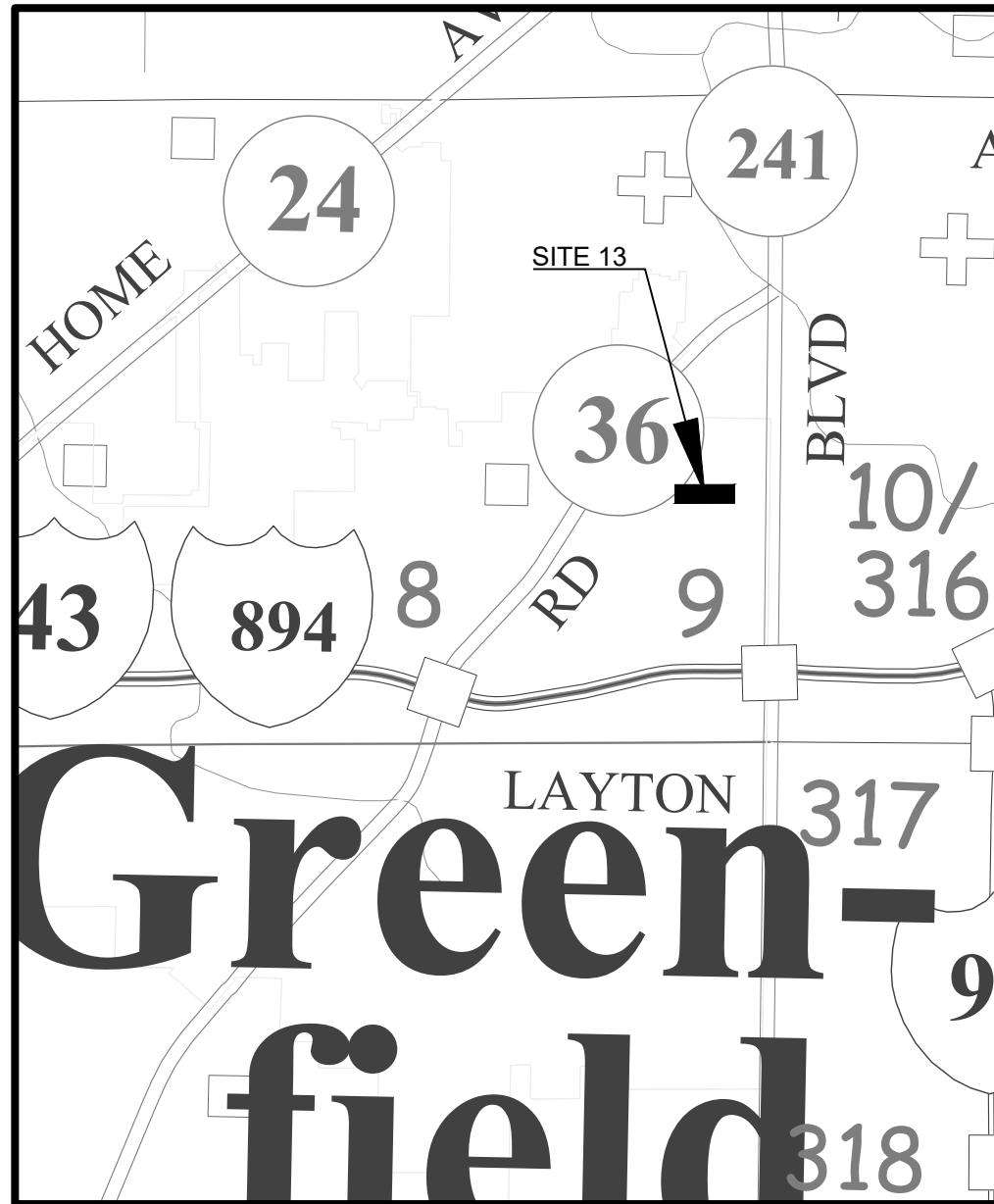
SITE 9
RACINE COUNTY
STH 38



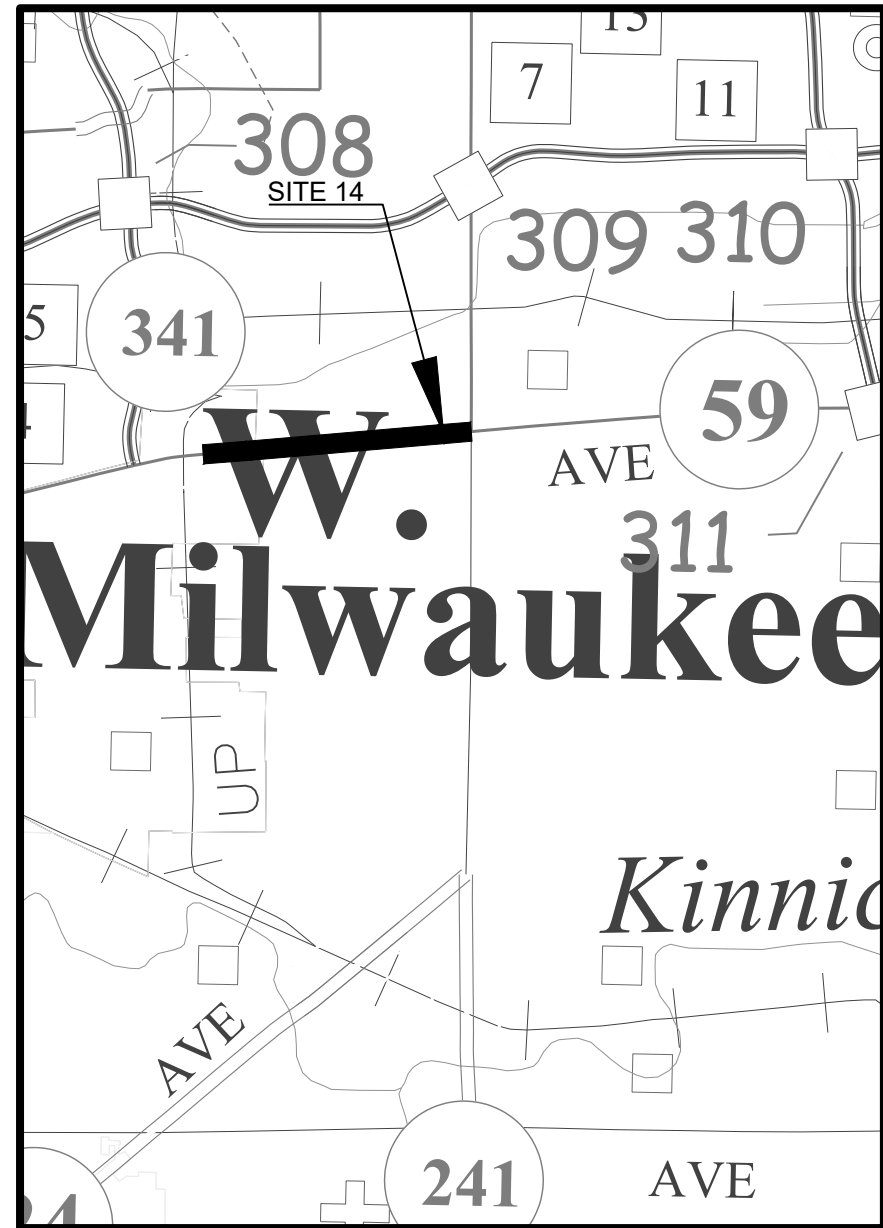
SITE 10
WASHINGTON COUNTY
STH 60



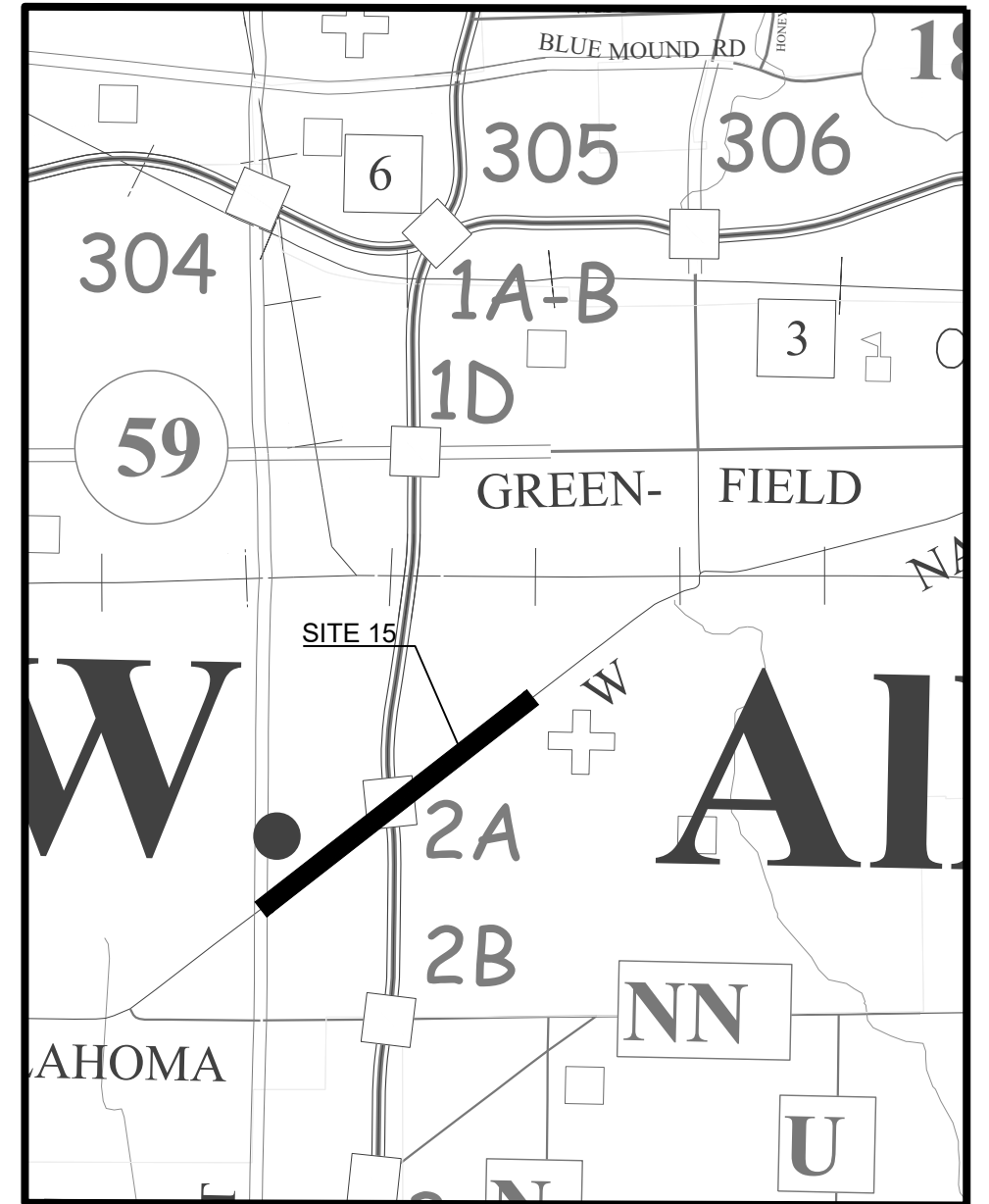
SITE 13
MILWAUKEE COUNTY
W HOWARD AVE



SITE 14
MILWAUKEE COUNTY
STH 59



SITE 15
MILWAUKEE COUNTY
W NATIONAL AVE

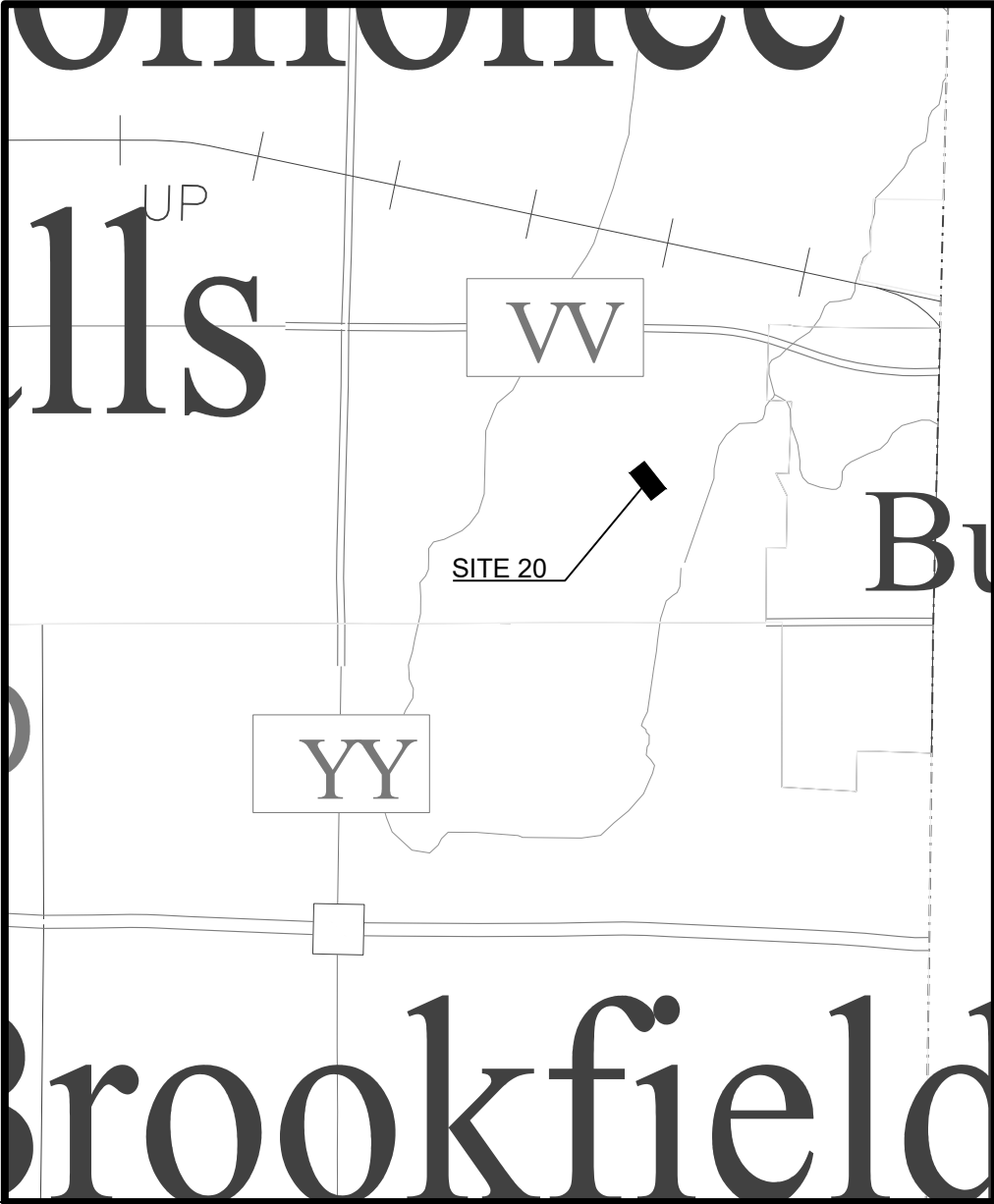
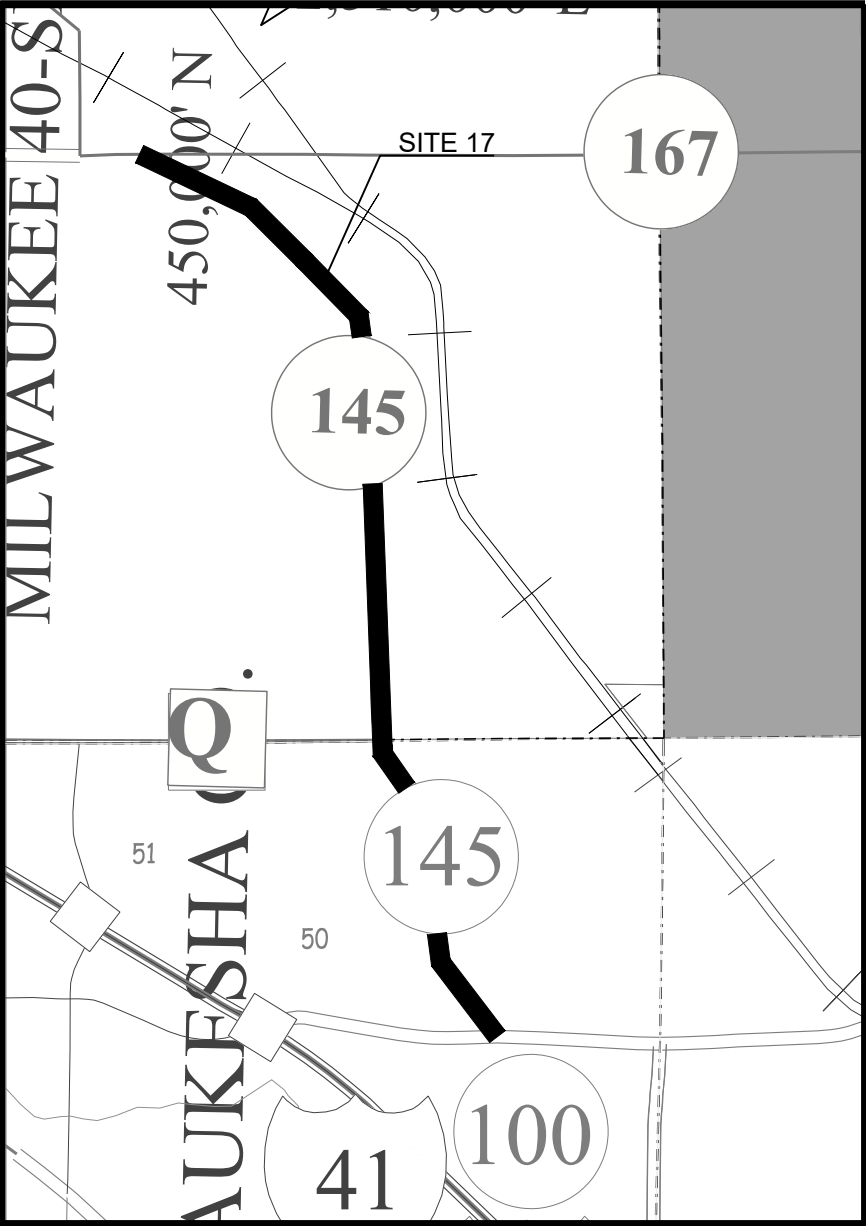
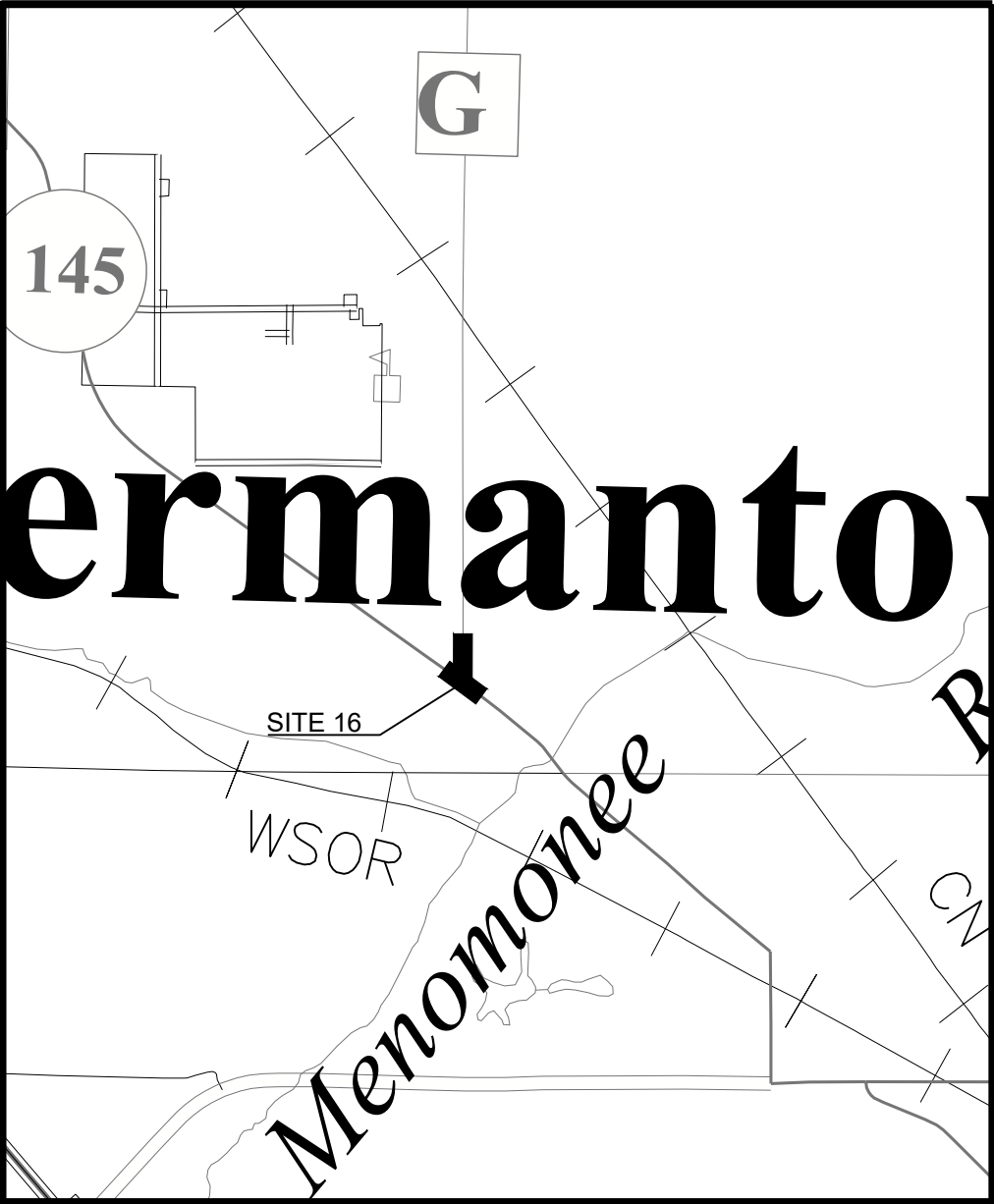




SITE 16
WASHINGTON COUNTY
STH 145

SITE 17
WASHINGTON COUNTY
STH 145

SITE 20
WAUKESHA COUNTY
CAMPBELL DR

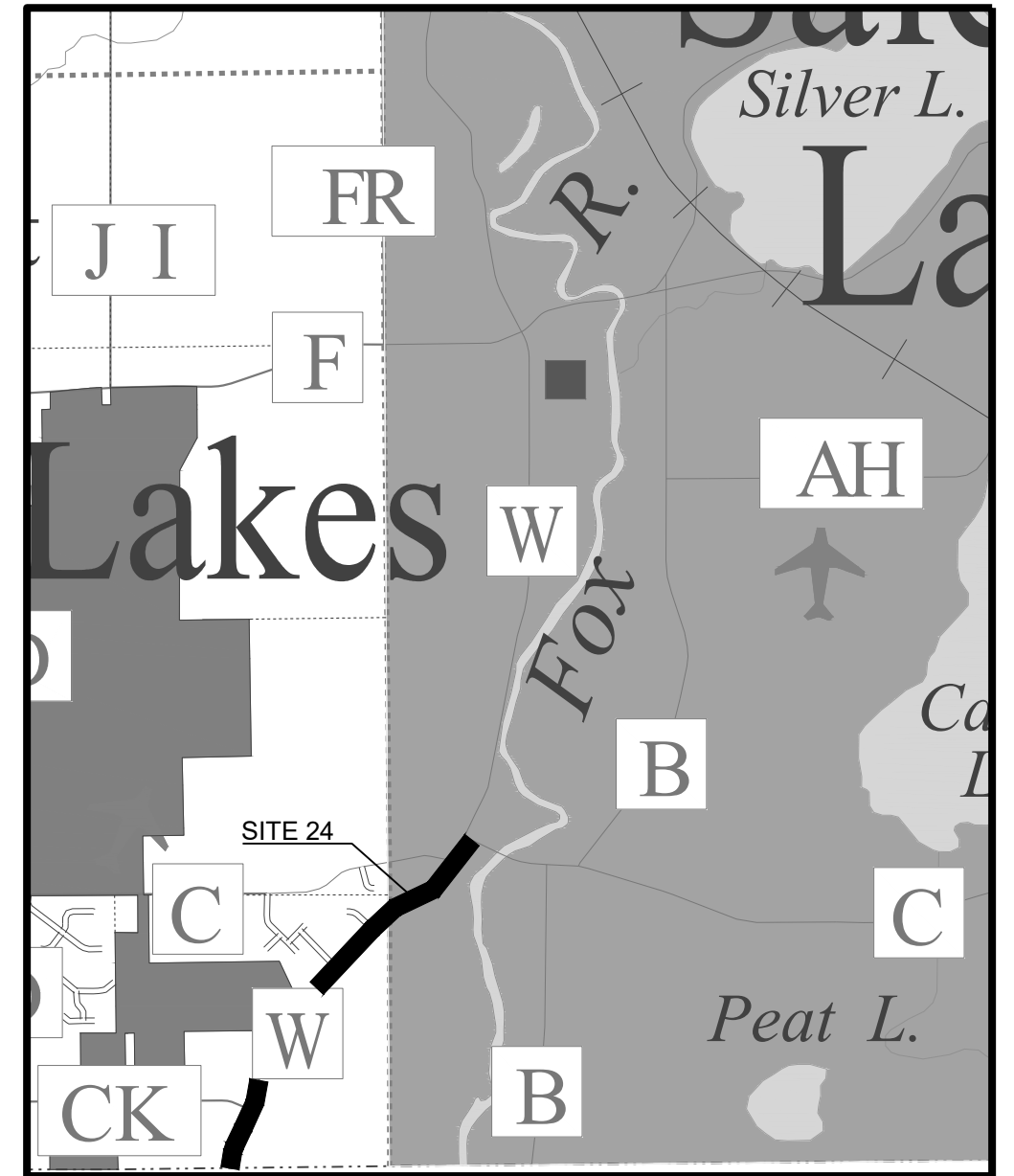
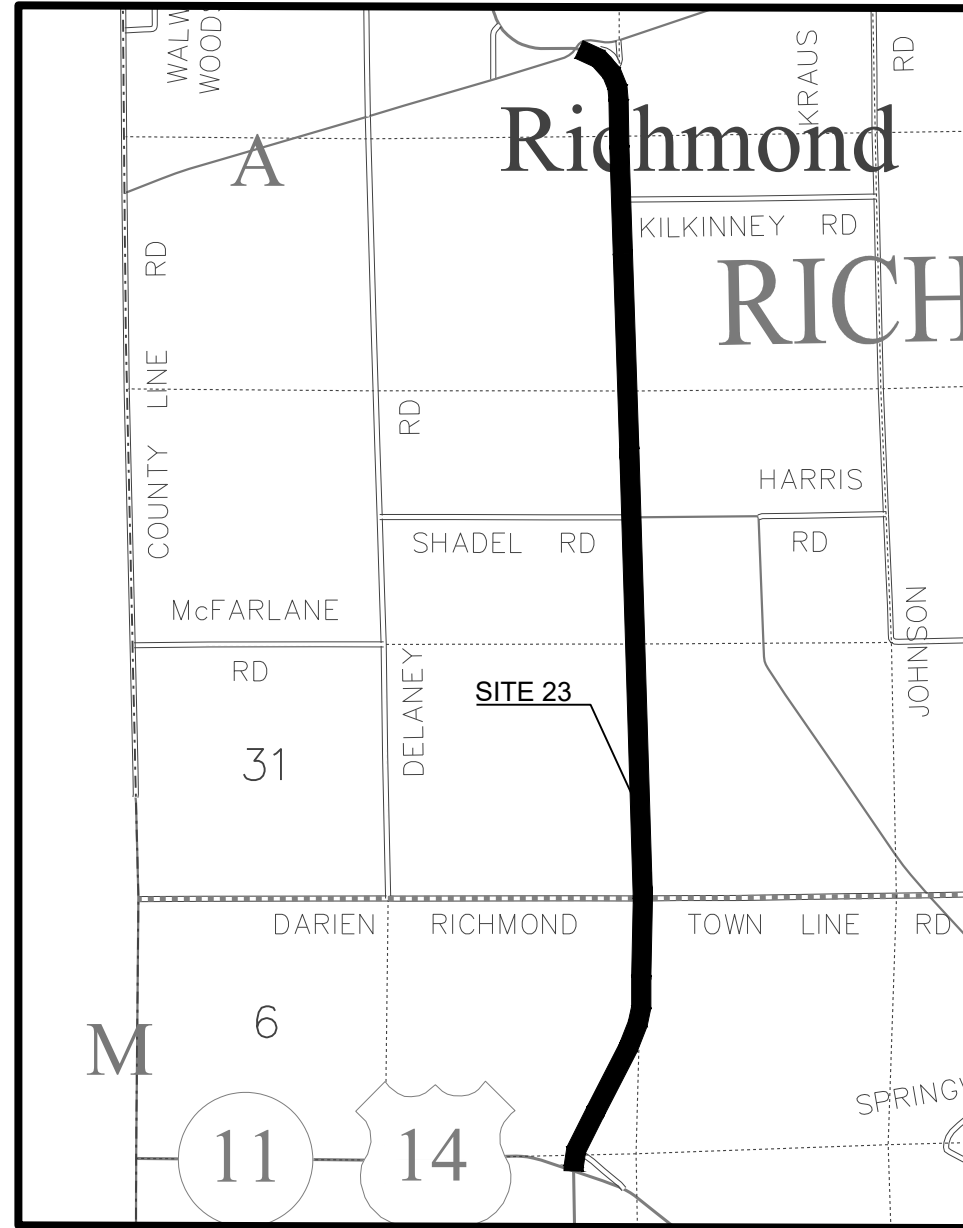
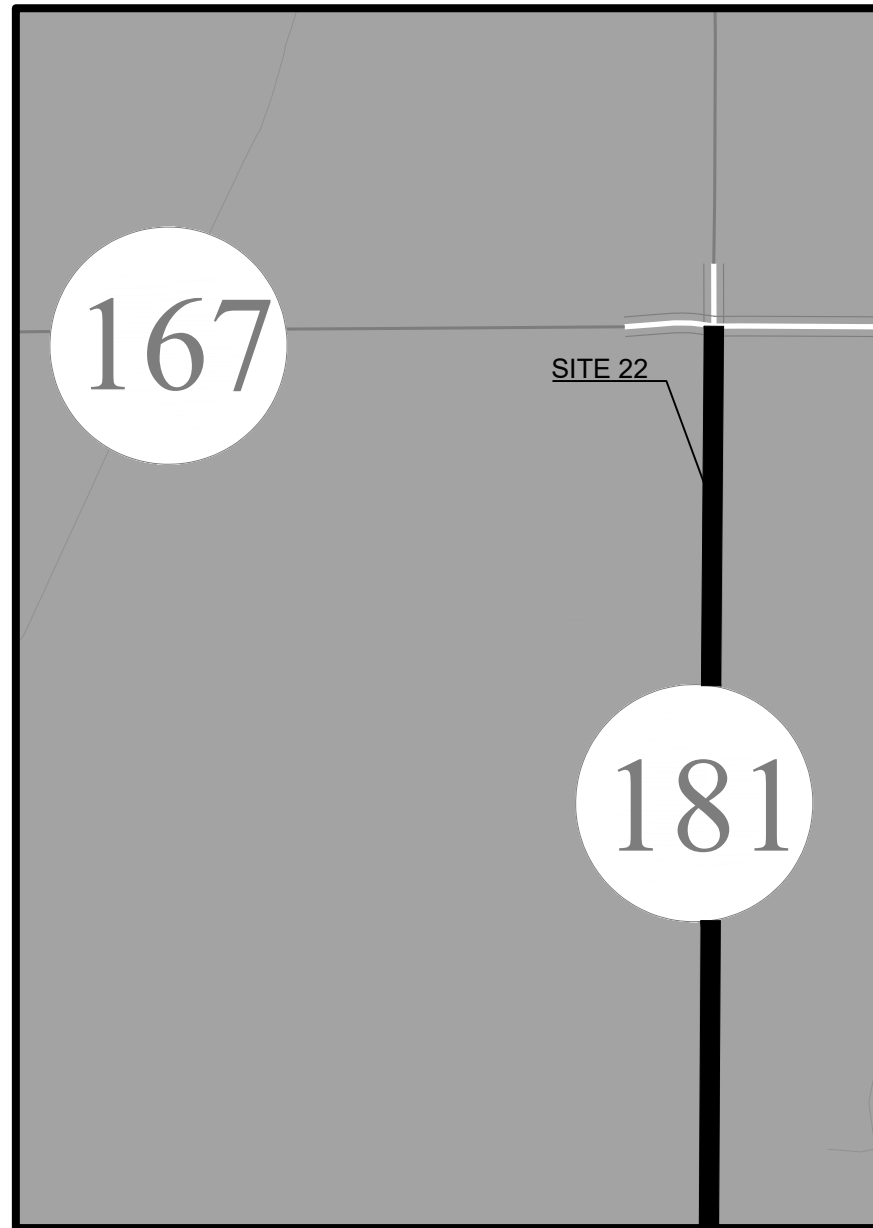




SITE 22
OZAUKEE COUNTY
STH 181

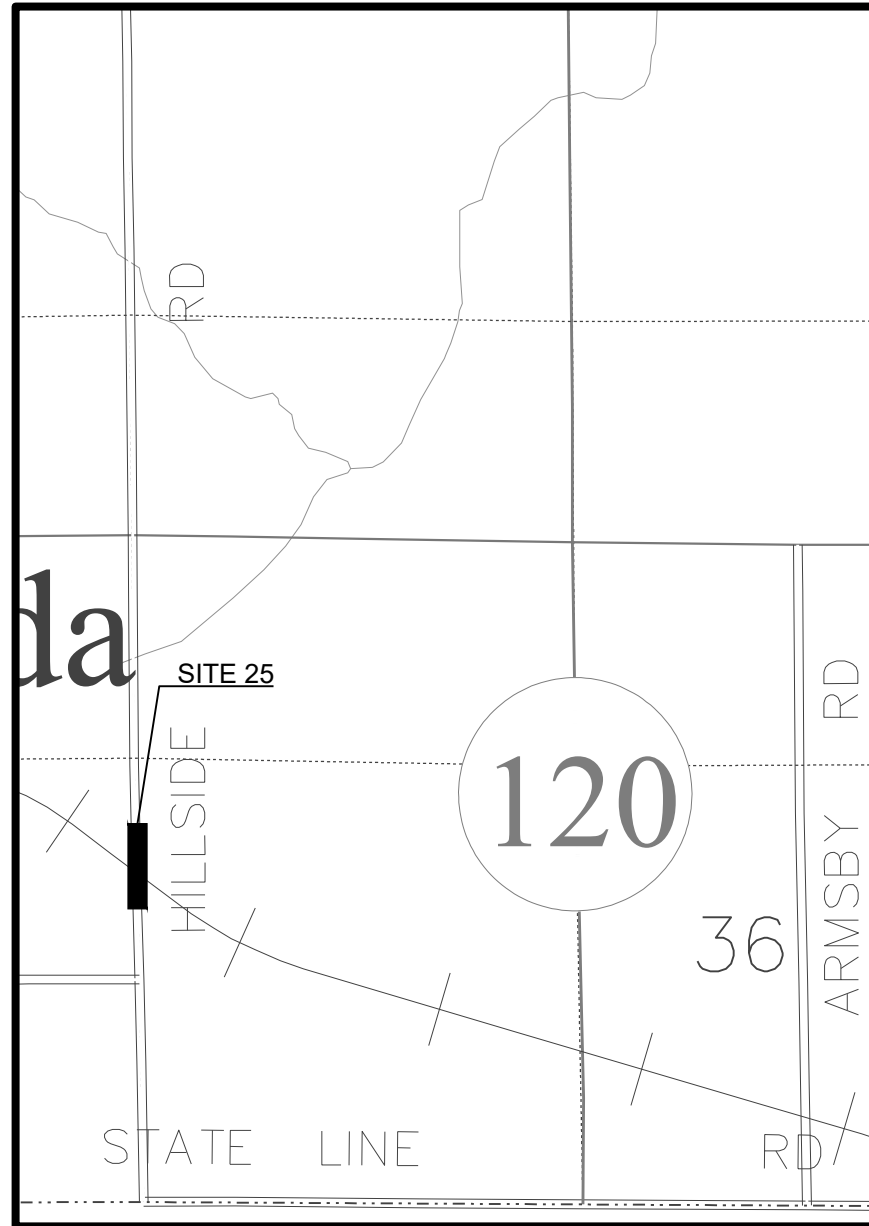
SITE 23
WALWORTH COUNTY
STH 89

SITE 24
KENOSHA COUNTY
CTH W

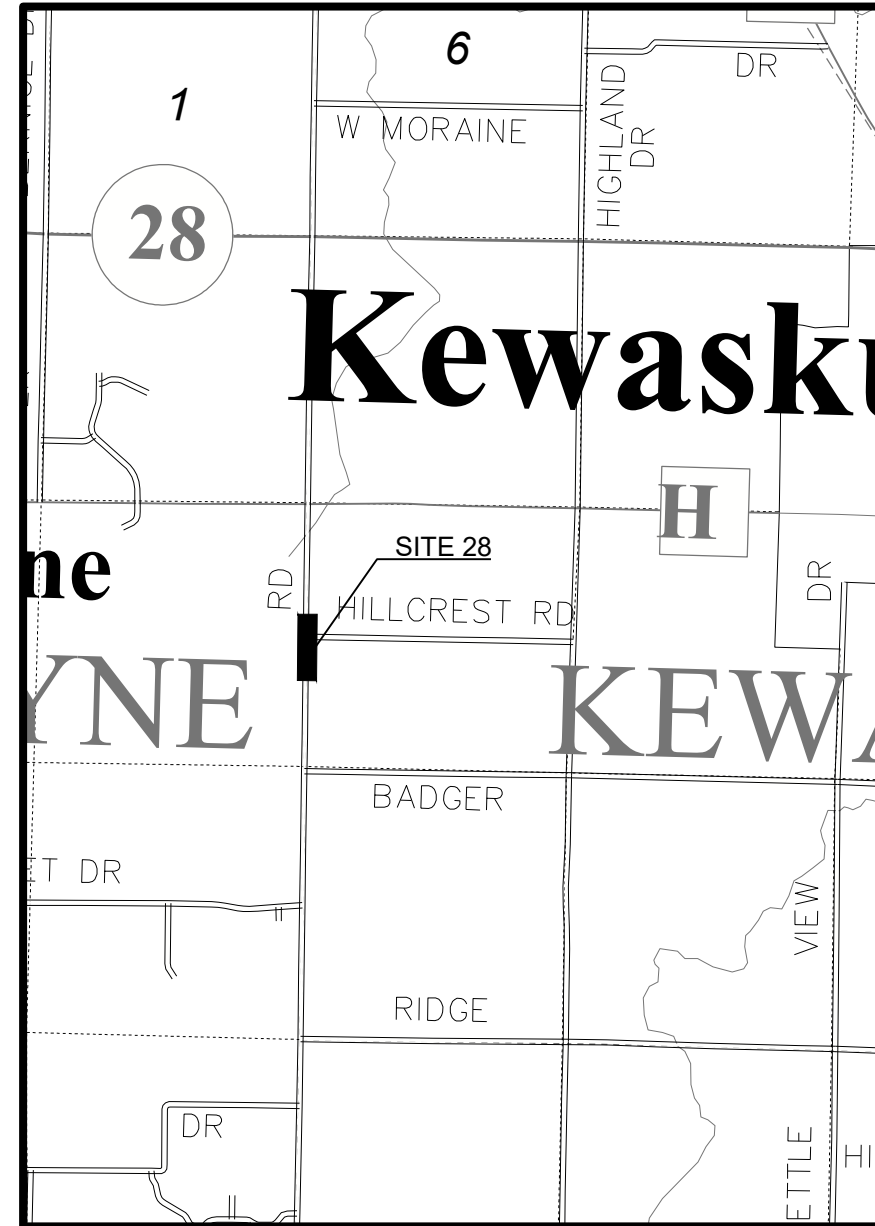




SITE 25
WALWORTH COUNTY
HILLSIDE RD

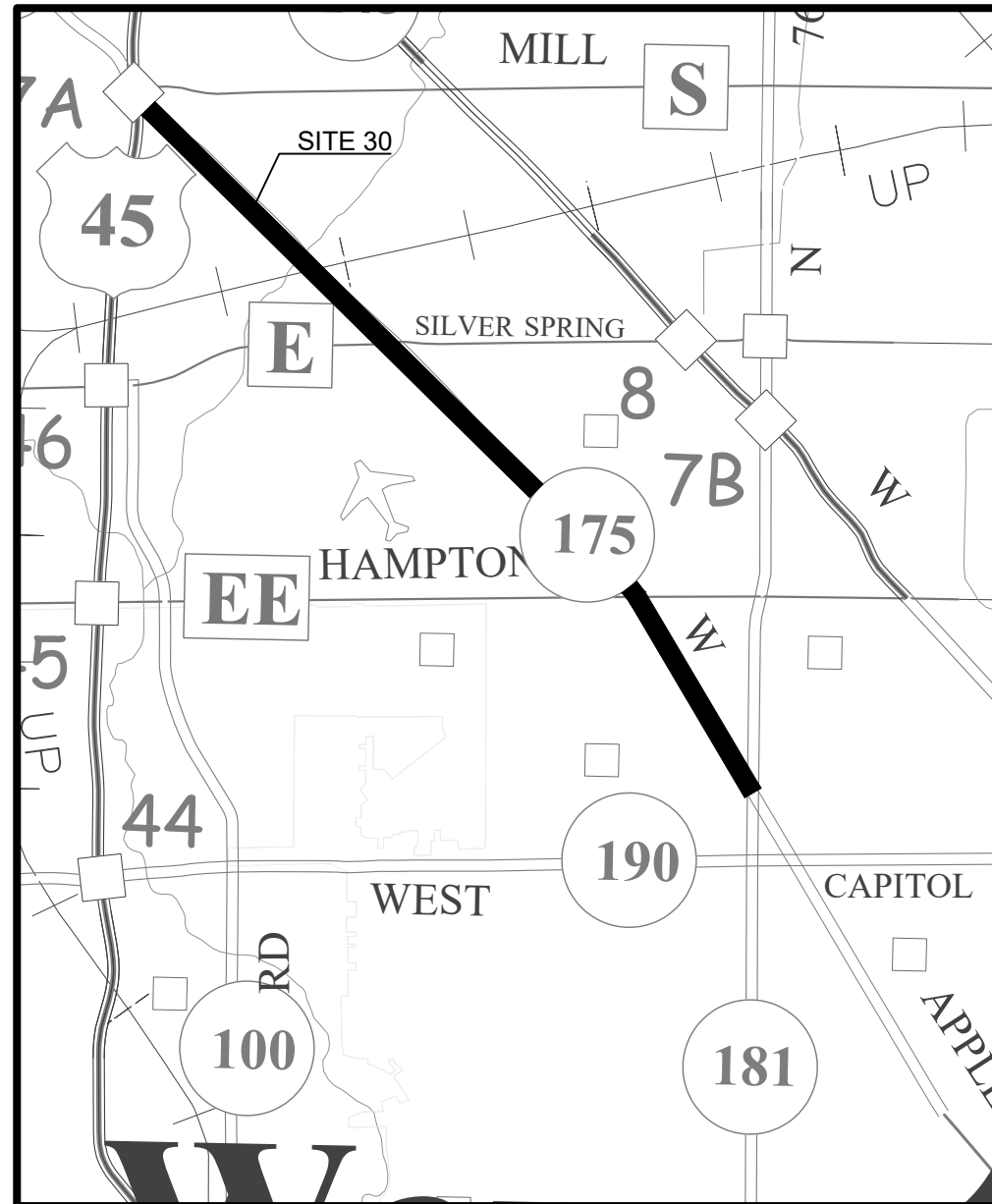


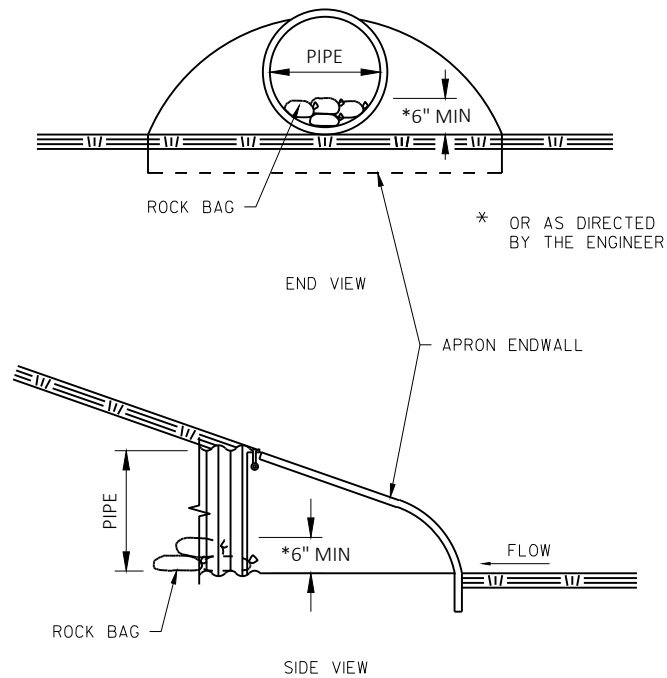
SITE 28
WALWORTH COUNTY
TOWNLINE RD





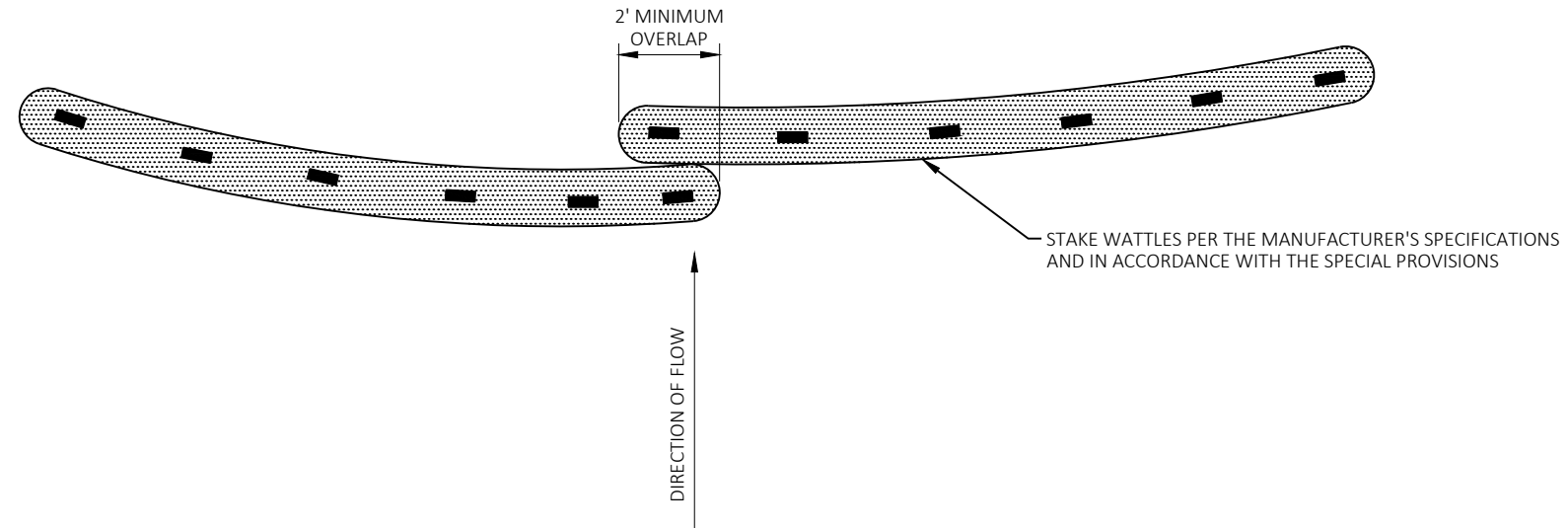
SITE 30
MILWAUKEE COUNTY
STH 175





ESTIMATED BAG SIZE = 18" X 12" X 6"	
PIPE SIZE	ESTIMATED NUMBER OF BAGS
12"	1
15"	2
18"	2
24"	3
30"	5
36"	7
42"	7
48"	10
54"	10
60"	13
66"	14
72"	16
17"x13"	2
30"x19"	5
38"x24"	7
45"x29"	10
53"x34"	10
60"x38"	13
76"x48"	18
27" WIDE BOX CULVERT	36

CULVERT PIPE CHECKS
(INSTALL ON INLET END ONLY)



NOTES
PRODUCT SHALL BE LISTED ON THE MOST CURRENT WISCONSIN EROSION CONTROL PRODUCT ACCEPTABILITY LIST (PAL) AND APPROVED BY THE ENGINEER

STAKED WATTLES

Estimate Of Quantities

3742-03-70

Line	Item	Item Description	Unit	Total	Qty
0002	201.0105	Clearing	STA	454.000	454.000
0004	201.0120	Clearing	ID	655.000	655.000
0006	213.0100	Finishing Roadway (project) 01. 3742-03-70	EACH	1.000	1.000
0008	618.0100	Maintenance and Repair of Haul Roads (project) 01. 3742-03-70	EACH	1.000	1.000
0010	628.1504	Silt Fence	LF	400.000	400.000
0012	628.1520	Silt Fence Maintenance	LF	400.000	400.000
0014	628.1905	Mobilizations Erosion Control	EACH	15.000	15.000
0016	628.1910	Mobilizations Emergency Erosion Control	EACH	15.000	15.000
0018	628.7504	Temporary Ditch Checks	LF	300.000	300.000
0020	643.1050	Traffic Control Signs PCMS	DAY	200.000	200.000
0022	SPV.0045	Special 01. Traffic Control - Lane Closure	DAY	16.000	16.000
0024	SPV.0045	Special 02. Traffic Control - Shoulder Closure	DAY	78.000	78.000
0026	SPV.0045	Special 03. Traffic Control - Pedestrian Accommodation	DAY	12.000	12.000
0028	SPV.0045	Special 04. Traffic Control - No Parking Signs	DAY	14.000	14.000
0030	SPV.0045	Special 05. Traffic Control - Trail Closure	DAY	3.000	3.000
0032	SPV.0060	Special 01. Frozen Ground Erosion Control	EACH	6.000	6.000
0034	SPV.0060	Special 02. Semi-Frozen Ground Erosion Control	EACH	7.000	7.000
0036	SPV.0060	Special 03. Thawed Ground Erosion Control	EACH	7.000	7.000
0038	SPV.0060	Special 04. Semi-Permanent Restoration	EACH	10.000	10.000
0040	SPV.0060	Special 05. Site Mobilization	EACH	15.000	15.000
0042	SPV.0090	Special 01. Staked Wattles	LF	200.000	200.000

TREE REMOVAL						201.0105	201.0120
SITE	LOCATION	STATION	TO	STATION	OFFSET	CLEARING STA	CLEARING ID
1	STH 20	130+60	-	131+50	LT	2	-
SUBTOTAL						2	0
3	IH43 NB ON RAMP FROM STH 83 IH 43 NB	97D+00	-	113D+00	RT	16	-
		97+00	-	98+00	LT	1	-
		113+00	-	131+00	RT	18	-
		146+00	-	154+00	RT	8	-
		155+00	-	163+00	RT	8	-
		164+00	-	170+00	RT	6	-
		171+00	-	172+00	RT	1	-
		173+00	-	180+00	RT	7	-
		184+00	-	188+00	RT	4	-
		189+00	-	191+00	RT	2	-
		193+00	-	199+00	RT	6	-
		203+00	-	204+00	RT	1	-
		208+00	-	213+00	RT	5	-
		215+00	-	217+00	RT	2	-
		221+00	-	223+00	RT	2	-
		224+00	-	225+00	RT	1	-
		230+00	-	237+00	RT	7	-
		238+00	-	246+00	RT	8	-
		251+00	-	252+00	RT	1	-
		253+00	-	254+00	RT	1	-
		255+00	-	258+00	RT	3	-
		259+00	-	272+00	RT	13	-
		273+00	-	275+00	RT	2	-
		276+00	-	281+00	RT	5	-
		283+00	-	287+00	RT	4	-
		288+00	-	307+00	RT	19	-
		309+00	-	311+00	RT	2	-
		316+00	-	328+00	RT	12	-
		329+00	-	334+00	RT	5	-
		335+00	-	338+00	RT	3	-
		340+00	-	341+00	RT	1	-
		342+00	-	343+00	RT	1	-
		344+00	-	345+00	RT	1	-
		346+00	-	383+00	RT	37	-
		387+00	-	393+00	RT	6	-
		399+00	-	401+00	RT	2	-
		403+00	-	405+00	RT	2	-
		407+00	-	432+00	RT	25	-
		436+00	-	438+00	RT	2	-
		479+00	-	484+00	RT	5	-
		488+00	-	490+00	LT	2	-
		492+00	-	493+00	LT	1	-
		497+00	-	499+00	LT/RT	2	-
		438+00	-	440+00	RT	2	-
		442+00	-	457+00	RT	15	-
		459+00	-	467+00	RT	8	-
		453+00	-	461+00	LT	8	-
SUBTOTAL						293	0
4	W BECHER ST	1+07			24' RT	-	9
		7+21			28' RT	-	8
	IH 43 NB EXIT RAMP	87+25			40' RT	-	19
	IH 43 SB EXIT RAMP	91+08			37'RT	-	24
	SUBTOTAL						0

TREE REMOVAL (CONTINUED)						201.0105 CLEARING STA	201.0120 CLEARING ID	
SITE	LOCATION	STATION	TO	STATION	OFFSET			REMARKS
5	STH 167	360+15			MEDIAN	-	12	
		360+80			MEDIAN	-	12	
		361+15			MEDIAN	-	12	
		361+85			MEDIAN	-	12	
		632+60			MEDIAN	-	12	
					SUBTOTAL	0	60	
6	STH 100	113+00	-	130+00	LT/RT	17	-	5 4-INCH TREES
		131+75	-	132+20	MEDIAN	-	20	
		133+00	-	143+00	LT	10	-	
		173+00	-	174+00	LT	1	-	
	CAPITOL DRIVE	41+00	-	45+00	RT	4	-	
		46+15			RT	-	16	
	MENOMONEE RIVER PARKWAY	21+00	-	22+00	RT	1	-	
		24+00	-	25+00	RT	1	-	
						SUBTOTAL	34	
7	USH 45	824+00	-	831+00	LT	7	-	
		832+00	-	836+00	LT	4	-	
		837+00	-	838+00	LT	1	-	
		843+00	-	844+00	LT	1	-	
		848+00	-	853+00	LT	5	-	
		858+00	-	861+00	LT	3	-	
		873+00	-	875+00	LT	2	-	
		877+00	-	878+00	RT	1	-	
		877+00	-	899+00	LT	22	-	
		900+00	-	903+00	RT	3	-	
		904+00	-	907+00	LT	3	-	
							SUBTOTAL	52
8	4 MILE RD	42+00	-	46+00	LT	4	-	
		47+00	-	48+00	LT/RT	1	-	
		52+00	-	56+00	LT/RT	4	-	
	STH 38	109+75			RT	-	3	
		110+00			RT	-	12	
		110+25			RT	-	12	
		111+00	-	112+00	RT	1	-	
		116+00			RT	-	4	
		119+00			LT	-	7	
		121+00			RT	-	10	
					SUBTOTAL	10	48	
9	5 MILE RD	43+20			LT	-	8	
		43+65			LT	-	12	
		52+40			LT	-	6	
		53+10			LT	-	12	
		53+50			LT	-	12	
	STH 38	166+00			LT	-	15	
		180+85	-	182+50	RT	3	-	
						SUBTOTAL	3	65
10	STH 60 - RAMP A SB ON RAMP	557+00 'AX'	-	565+50 'AX'	RT	9	-	
					SUBTOTAL	9	0	
13	W HOWARD AVE	104+50	-	105+35	LT	2	-	

TREE REMOVAL (CONTINUED)							
SITE	LOCATION	STATION	TO	STATION	OFFSET	201.0105 CLEARING STA	201.0120 CLEARING ID
14	STH 59 / W NATIONAL AVE	18+00			RT	-	3
		19+51			LT	-	6
		21+75			LT	-	14
		23+00	-	24+00	LT	1	-
		25+00	-	26+00	MEDIAN	1	-
		29+86			MEDIAN	-	9
		30+00	-	32+00	LT/RT	2	-
		32+86			RT	-	10
		33+00	-	34+00	RT	1	-
		34+46			RT	-	6
		36+10			RT	-	6
		36+55			LT	-	3
		37+00	-	38+00	LT/RT	1	-
		38+92			LT	-	6
		38+95			RT	-	2
		39+00	-	44+00	LT/RT	5	-
		45+00	-	47+00	LT/RT	2	-
		47+20			LT	-	4
		48+00	-	50+00	LT/RT	2	-
		51+95			MEDIAN	-	8
		52+00	-	53+00	MEDIAN	1	-
		55+00	-	57+00	RT	2	-
					SUBTOTAL	18	77
15	NATIONAL AVENUE	25+26			MEDIAN	-	4
		25+90			MEDIAN	-	10
		26+36			MEDIAN	-	3
		43+27			MEDIAN	-	3
		43+71			MEDIAN	-	4
		44+16			MEDIAN	-	5
		44+56			MEDIAN	-	4
		45+40			MEDIAN	-	4
		47+65			RT	-	11
		47+00	-	48+00	LT	1	-
		48+03			RT	-	7
		50+39			LT	-	6
		55+00	-	56+00	RT	1	-
		56+61			MEDIAN	-	3
		57+00	-	71+00	LT/RT	14	-
	CLEVELAND AVENUE	71+16			MEDIAN	-	6
		97+15			LT	-	3
		97+54			LT	-	3
		102+35			LT	-	3
		102+50			LT	-	3
		102+66			LT	-	3
		103+00	-	104+00	RT	1	-
104+22			LT	-	3		
					SUBTOTAL	17	88
16	STH 145	35'NW'B'+00	-	40'NW'B'+00	LT	5	-
	CTH G	13'SB'+00	-	14'SB'+00	LT	1	-
						SUBTOTAL	6

TREE REMOVAL (CONTINUED)						201.0105	201.0120		
SITE	LOCATION	STATION	TO	STATION	OFFSET	CLEARING STA	CLEARING ID	REMARKS	
17	STH 145 / FOND DU LAC	25+51			LT	-	8		
		25+52			LT	-	8		
		42+25	-	46+40	RT	2	-		
		45+53			LT	-	12		
		108+00	-	108+75	LT	1	-		
		108+25	-	108+50	RT	1	-		
		108+25	-	108+50	RT	1	-		
					SUBTOTAL	5	28		
20	CAMPBELL DR	9+00	-	12+00	LT/RT	3	-		
						SUBTOTAL	3	0	
22	STH 181	281+75	-	283+00	LT	2	-		
		336+25	-	336+50	RT	1	-		
		348+15	-	348+40	RT	1	-		
		359+60	-	359+85	RT	1	-		
		372+00	-	372+50	LT	1	-	TRIM BRANCHES TO 10' HEIGHT	
		374+25	-	375+05	LT	2	-	TRIM BRANCHES TO 10' HEIGHT	
		376+25	-	376+60	LT	1	-		
		377+00	-	377+50	RT	1	-	TRIM BRANCHES TO 10' HEIGHT	
		381+95			RT	-	15	TWO TREES	
	W COUNTY LINE ROAD	386+25	-	386+75	LT	1	-		
		28+35	-	28+75	LT	1			
						SUBTOTAL	12	15	
23	STH 89	82+00	-	83+00	LT	1	-		
		242+00	-	245+00	LT	1	-		
		277+00	-	284+00	LT/RT	7	-		
		293+00	-	294+00	RT	1	-		
						SUBTOTAL	10	0	
24	CTH W	11+00	-	14+00	LT	3	-		
		28+00	-	30+00	RT	2	-		
		31+00	-	82+00	LT/RT	51	-		
		82+67			RT	-	5		
		90+00	-	91+00	RT	1	-		
						SUBTOTAL	57	5	
28	TOWNLINE RD	9+07			RT	-	10	ONE 6-INCH AND ONE 4-INCH TREE	
		10+27	-	12+03	LT/RT	3	-		
						SUBTOTAL	3	10	
30	STH 175	222+65			52'RT	-	18		
		239+79			51'LT	-	18		
		247+88			51'LT	-	18		
		253+43			52'LT	-	3		
		254+02			51'RT	-	16		
		261+57			52'RT	-	19		
		262+00			52'RT	-	19		
		263+31			51'LT	-	11		
		269+51			51'RT	-	19		
		271+10			51'RT	-	17		
		274+77			52'LT	-	15		
		281+03			51'RT	-	15		
		281+41			51'RT	-	15		
		282+39			51'LT	-	8		
		284+79			51'LT	-	9		
		284+85			63'LT	-	3		
		312+29			51'RT	-	12		
		314+78			51'RT	-	3		
		56+66 'L'			56'RT	-	10		
		37+10 'M'			65'RT	-	18		
						SUBTOTAL	0	266	
						TOTAL	536	758	

SITE	628.1504	628.152	628.1905	628.1910	628.7504	EROSION CONTROL		SPV.0060.01	SPV.0060.02	SPV.0060.03	SPV.0060.04	SPV.0090.01
	SILT FENCE	SILT FENCE	MOBILIZATIONS	MOBILIZATIONS	TEMPORARY DITCH	628.7555		FROZEN GROUND EROSION	SEMI-FROZEN GROUND EROSION	THAWED GROUND EROSION	SEMI-PERMANENT	STAKED WATTLES
	LF	LT	CONTROL	EROSION CONTROL	CHECKS	CULVERT PIPE CHECKS		CONTROL	CONTROL	COTROL	RESTORATION	LF
			EACH	EACH	LF	EACH		EACH	EACH	EACH	EACH	
1	-	-	1	-	-	-	-	-	-	-	1	-
3	-	-	1	-	-	9	-	-	-	-	-	-
4	-	-	1	-	-	-	-	-	-	-	-	-
5	-	-	1	-	-	-	-	-	-	-	1	-
6	-	-	1	-	-	-	-	-	-	-	1	-
7	-	-	1	-	-	-	-	-	-	-	1	-
8	-	-	1	-	-	-	-	-	-	-	1	-
9	-	-	1	-	-	-	-	-	-	-	1	-
10	-	-	1	-	-	-	-	-	-	-	-	-
13	-	-	1	-	-	-	-	-	-	-	-	-
14	-	-	1	-	-	-	-	-	-	-	-	-
15	-	-	1	-	-	-	-	-	-	-	1	-
16	-	-	1	-	-	-	-	-	-	-	-	-
17	-	-	1	-	-	-	-	-	-	-	1	-
20	-	-	1	-	-	-	-	-	-	-	-	-
22	-	-	1	-	-	-	-	-	-	-	1	-
23	-	-	1	-	-	-	-	-	-	-	1	-
24	200	200	1	-	200	-	-	-	-	-	-	400
28	-	-	1	-	-	-	-	-	-	-	-	-
30	-	-	1	-	-	-	-	-	-	-	1	-
UNDISTRIBUTED	200	200	-	20	200	15	6*	7*	7*	-	-	-
TOTAL	400	400	20	20	400	24	6*	7*	7*	11	400	

*DEPENDENT ON FIELD CONDITIONS; ONE EROSION CONTROL ITEM PAID PER SITE

SITE	TRAFFIC CONTROL					
	643.1050	SPV.0045.01	SPV.0045.02	SPV.0045.03	SPV.0045.04	SPV.0045.05
	SIGNS PCMS	LANE CLOSURE	SHOULDER CLOSURE	PEDESTRIAN ACCOMODATION	NO PARKING SIGNS	TRAIL CLOSURE
	DAY	DAY	DAY	DAY	DAY	DAY
1	-	2	-	-	-	-
3	-	-	48	-	-	-
4	-	2	-	-	-	-
5	-	1	-	-	-	-
6	-	6	-	4	-	3
7	-	-	9	-	-	-
8	-	-	4	-	-	-
9	-	-	2	-	-	-
10	-	-	2	-	-	-
13	-	-	2	2	5	-
14	-	2	3	4	7	-
15	-	2	4	5	8	-
16	-	1	-	-	-	-
17	-	2	1	-	-	-
20	-	4	-	-	-	-
22	-	-	2	-	-	-
23	-	-	3	-	-	-
24	-	3	12	1	-	-
28	-	2	-	-	-	-
30	-	-	4	4	7	-
UNDISTRIBUTED	100	-	-	-	-	-
TOTAL	100	27	96	20	27	3

SITE	MISCELLANEOUS	
	213.0100	SPV.0060.05
	FINISHING ROADWAY 3742-03-00	SITE MOBLIZATION
	EACH	EACH
1	-	1
3	-	1
4	-	1
5	-	1
6	-	1
7	-	1
8	-	1
9	-	1
10	-	1
13	-	1
14	-	1
15	-	1
16	-	1
17	-	1
20	-	1
22	-	1
23	-	1
24	-	1
28	-	1
30	-	1
UNDISTRIBUTED	1	-
TOTAL	1	20

MINIMUM, EXPECTED, AND MAXIMUM QUANTITIES										
	201.0105	201.0120	628.1504	628.152	628.1905	628.1910	628.7504	643.1050	SPV.0045.01	SPV.0045.02
	CLEARING	CLEARING	SILT FENCE	SILT FENCE MAINTENANCE	MOBILIZATIONS EROSION CONTROL	MOBILIZATIONS EMERGENCY EROSION CONTROL	TEMPORARY DITCH CHECKS	TRAFFIC CONTROL SIGNS PCMS	TRAFFIC CONTROL - LANE CLOSURE	TRAFFIC CONTROL - SHOULDER CLOSURE
	STA	ID	LF	LF	EACH	EACH	LF	DAY	DAY	DAY
MINIMUM	400	590	200	200	13	13	200	100	12	60
EXPECTED	454	655	400	400	15	15	300	200	16	78
MAXIMUM	600	840	800	800	24	24	500	300	25	110

MINIMUM, EXPECTED, AND MAXIMUM QUANTITIES									
	SPV.0045.03	SPV.0045.04	SPV.0045.05	SPV.0060.01	SPV.0060.02	SPV.0060.03	SPV.0060.04	SPV.0060.05	SPV.0090.01
	TRAFFIC CONTROL - PEDESTRIAN ACCOMMODATION	TRAFFIC CONTROL - NO PARKING SIGNS	TRAFFIC CONTROL - TRAIL CLOSURE	FROZEN GROUND EROSION CONTROL	SEMI-FROZEN GROUND EROSION CONTROL	THAWED GROUND EROSION COTROL	SEMI-PERMANENT RESTORATION	SITE MOBILIZATION	STAKED WATTLES
	DAY	DAY	DAY	EACH	EACH	EACH	EACH	EACH	LF
MINIMUM	8	10	2	0	0	0	8	14	150
EXPECTED	12	14	3	6	7	7	10	15	200
MAXIMUM	21	30	4	24	24	24	12	24	450

*FOR INFORMATION ONLY

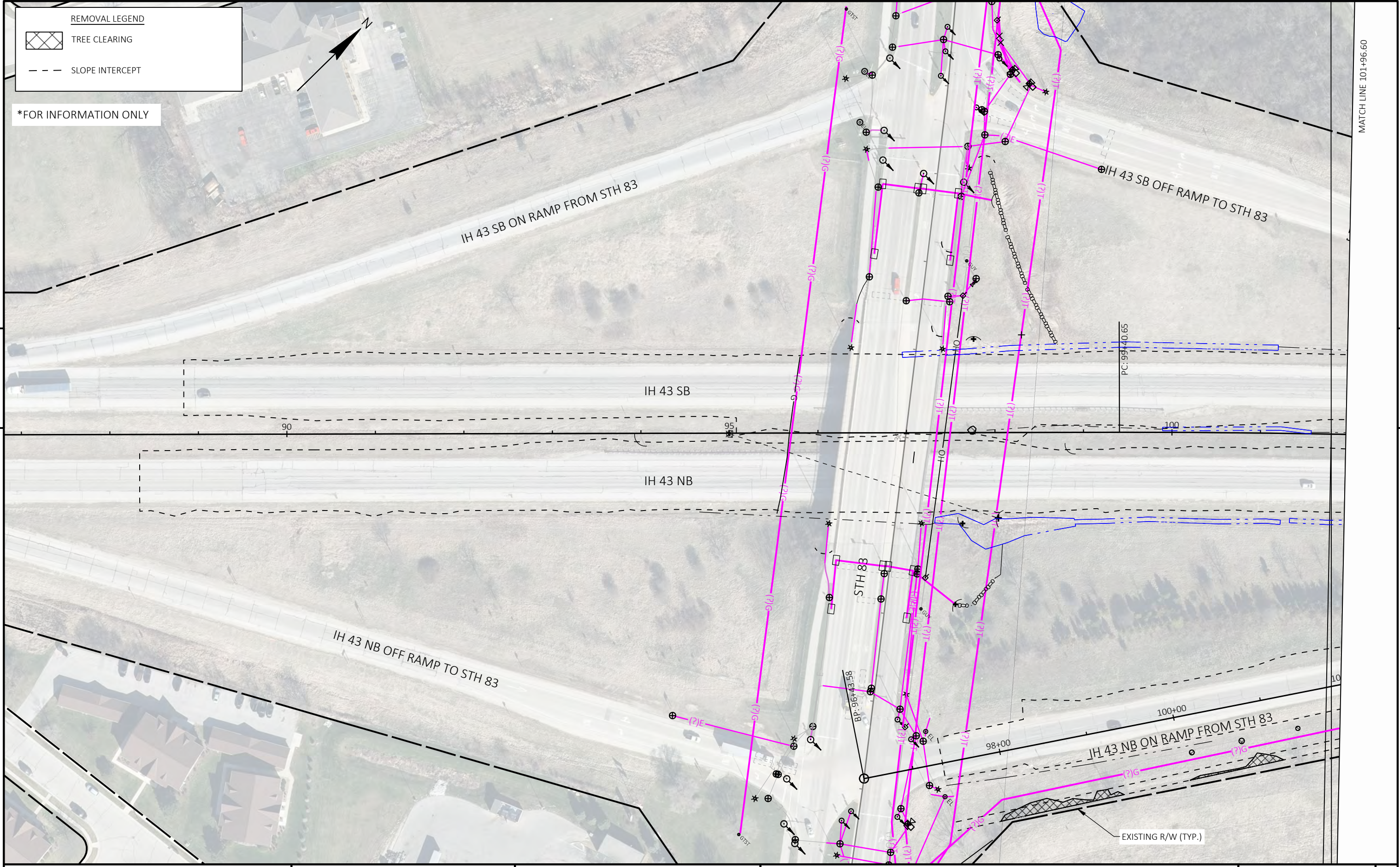


5

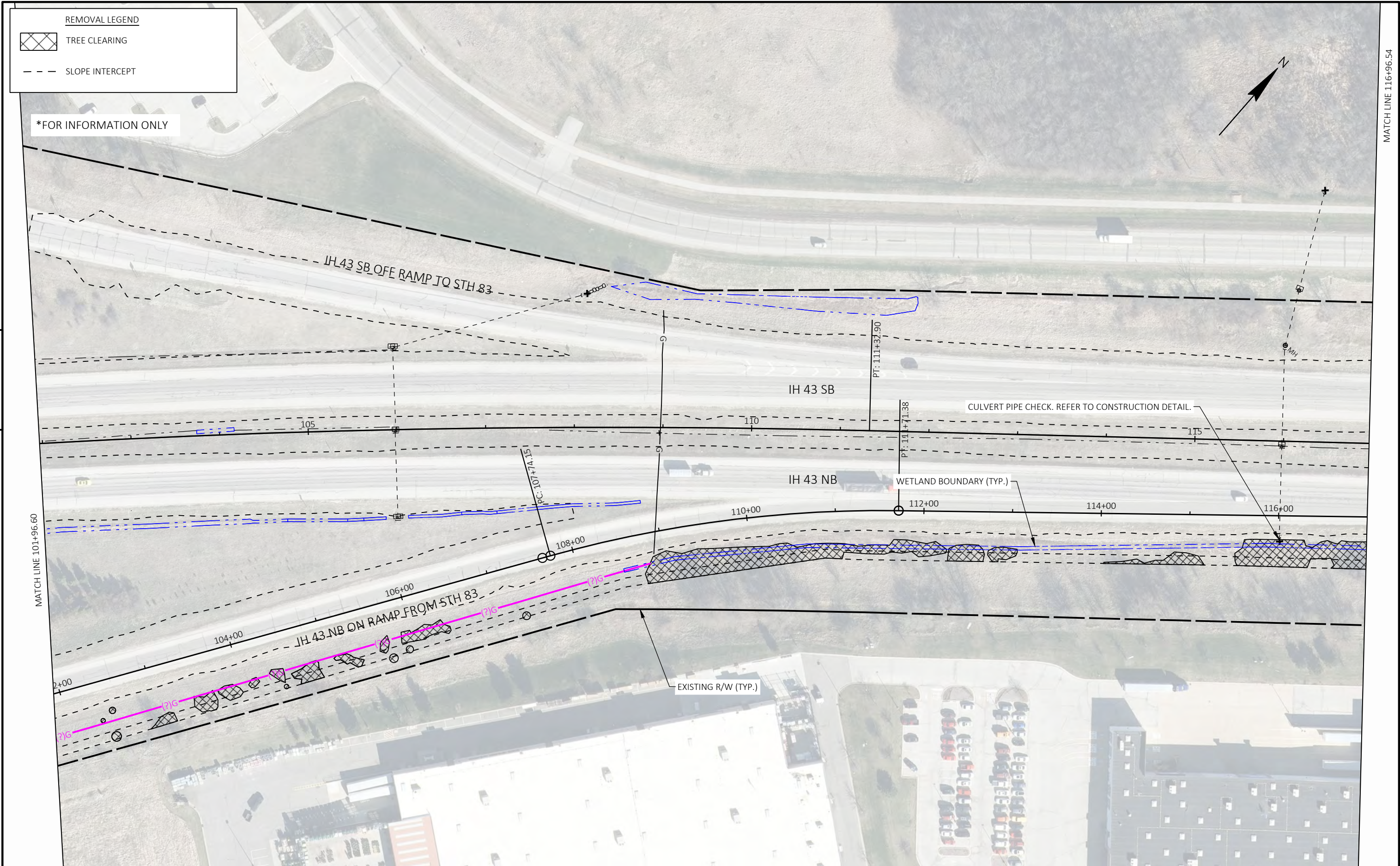
5



PROJECT NO: 3742-03-70	HWY: STH 20	COUNTY: WALWORTH	CLEARING PLAN - SITE 1	SHEET	E
------------------------	-------------	------------------	------------------------	-------	---



PROJECT NO:	3742-03-70	HWY: IH 43	COUNTY: WAUKESHA	CLEARING PLAN - SITE 3	SHEET	E
-------------	------------	------------	------------------	------------------------	-------	---



5

5

REMOVAL LEGEND

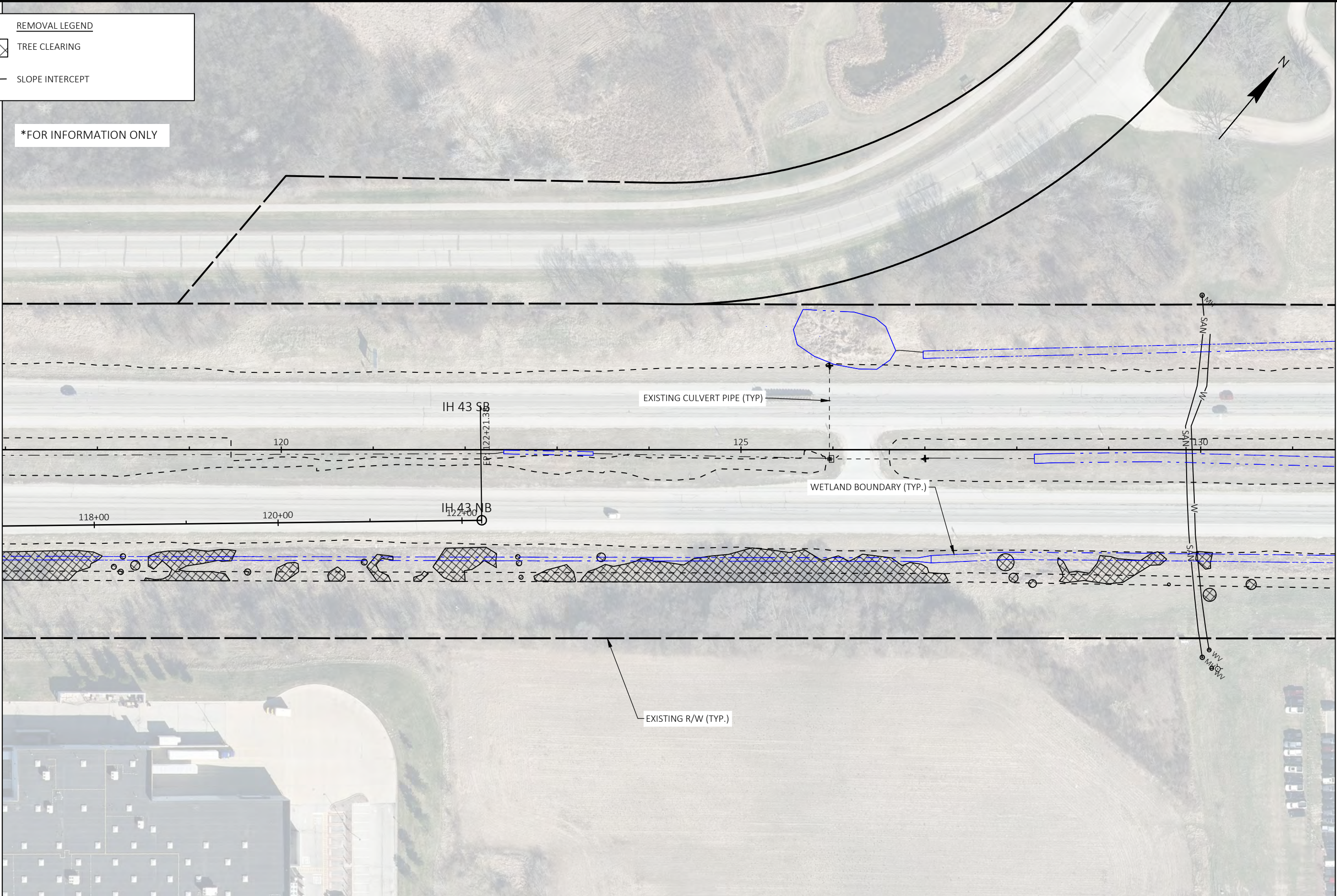
 TREE CLEARING

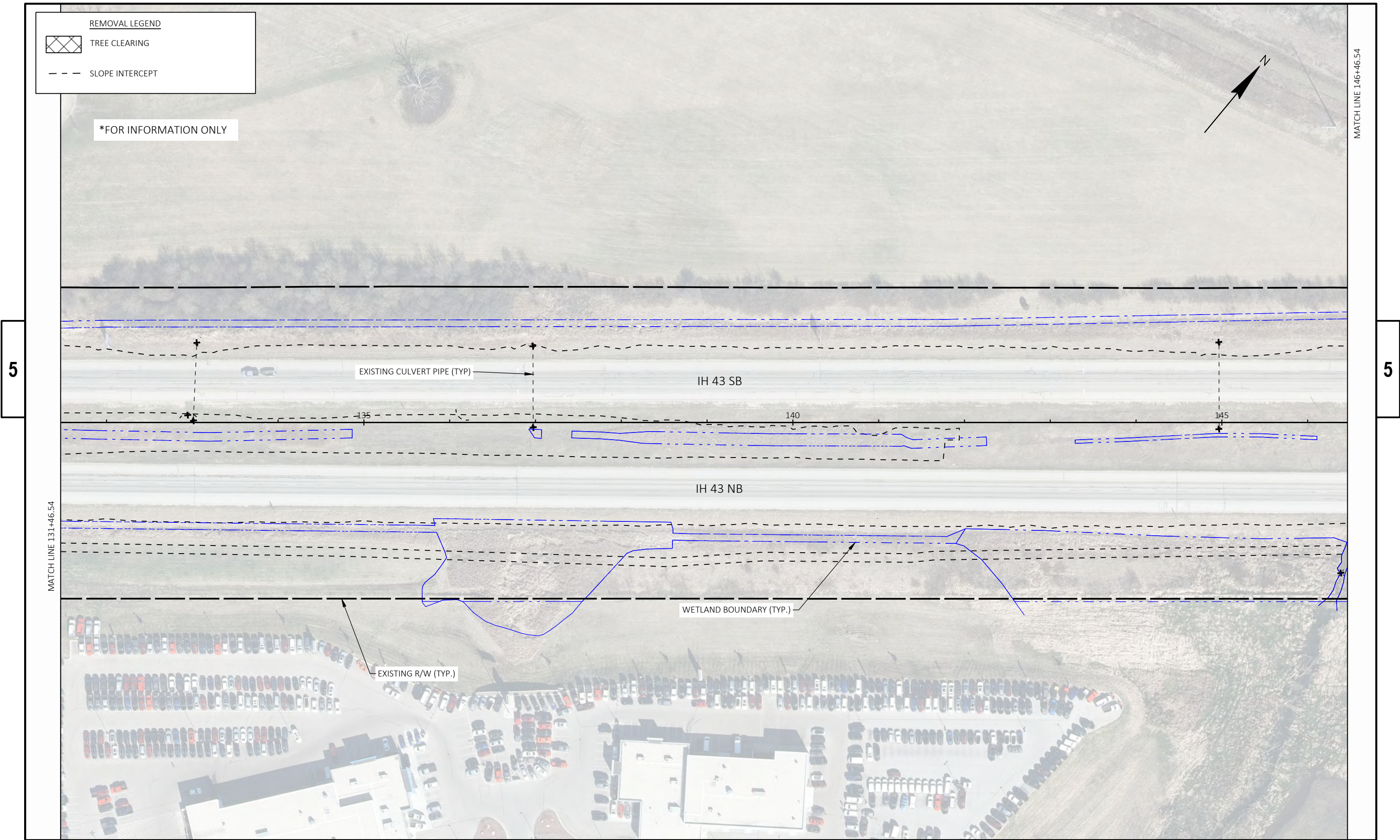
 SLOPE INTERCEPT

*FOR INFORMATION ONLY

MATCH LINE 116+96.54

MATCH LINE 131+46.54





PROJECT NO: 3742-03-70	HWY: IH 43	COUNTY: WAUKESHA	CLEARING PLAN - SITE 3	SHEET	E
------------------------	------------	------------------	------------------------	-------	---

5

5

REMOVAL LEGEND

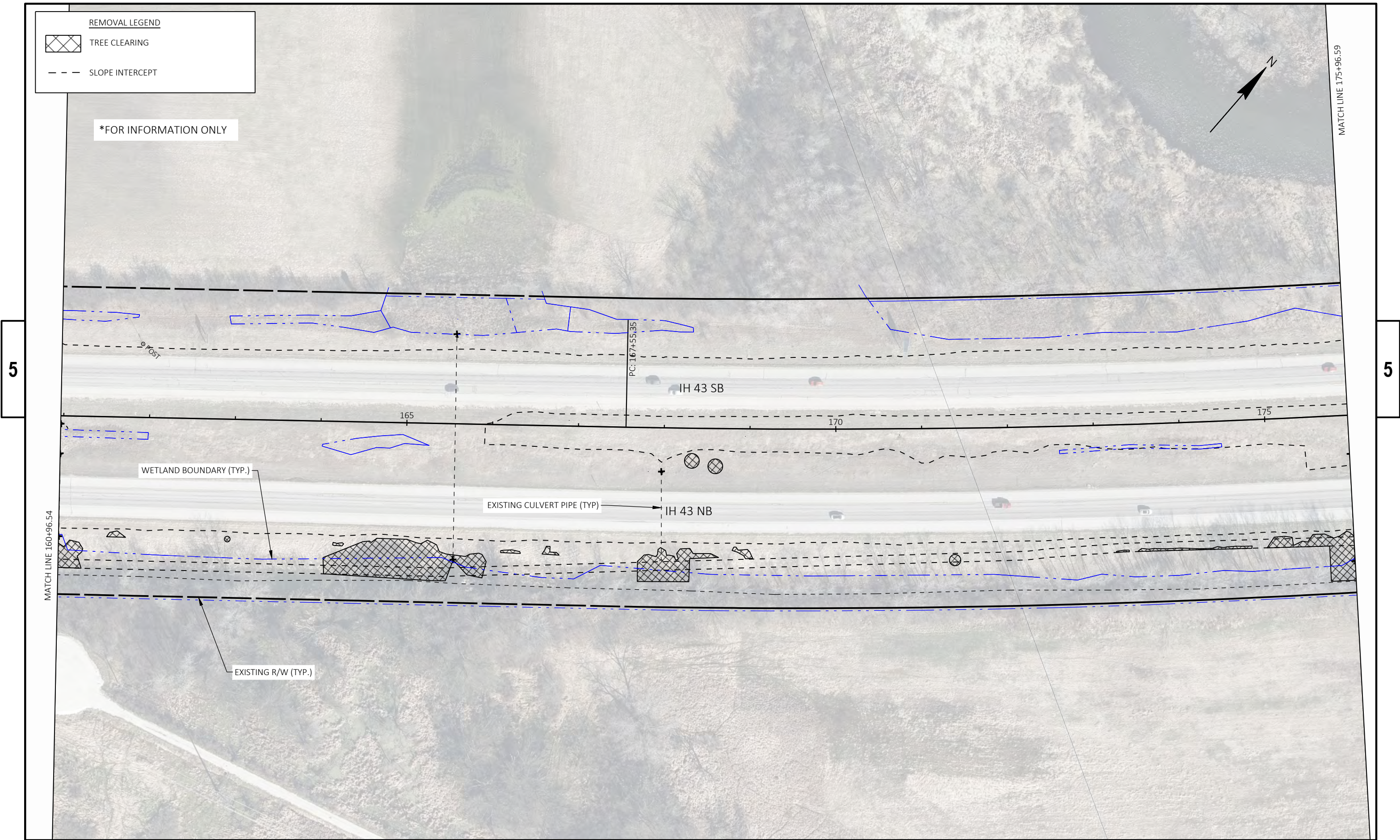
TREE CLEARING

SLOPE INTERCEPT

*FOR INFORMATION ONLY

MATCH LINE 146+46.54

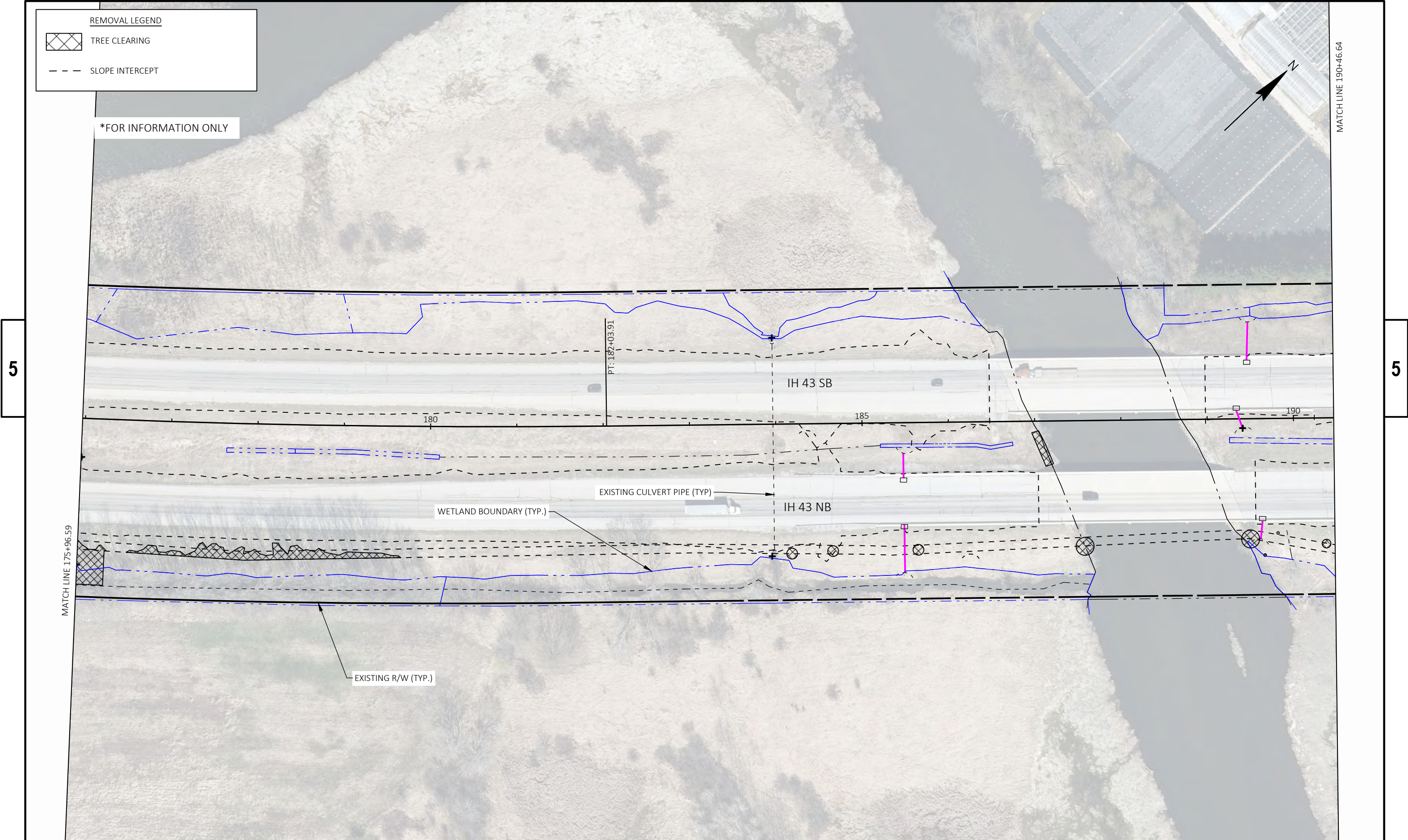
MATCH LINE 160+96.54



5

5

PROJECT NO:	3742-03-70	HWY:	IH 43	COUNTY:	WAUKESHA	CLEARING PLAN - SITE 3	SHEET	E
-------------	------------	------	-------	---------	----------	------------------------	-------	---



5

5

REMOVAL LEGEND

 TREE CLEARING

 SLOPE INTERCEPT

*FOR INFORMATION ONLY

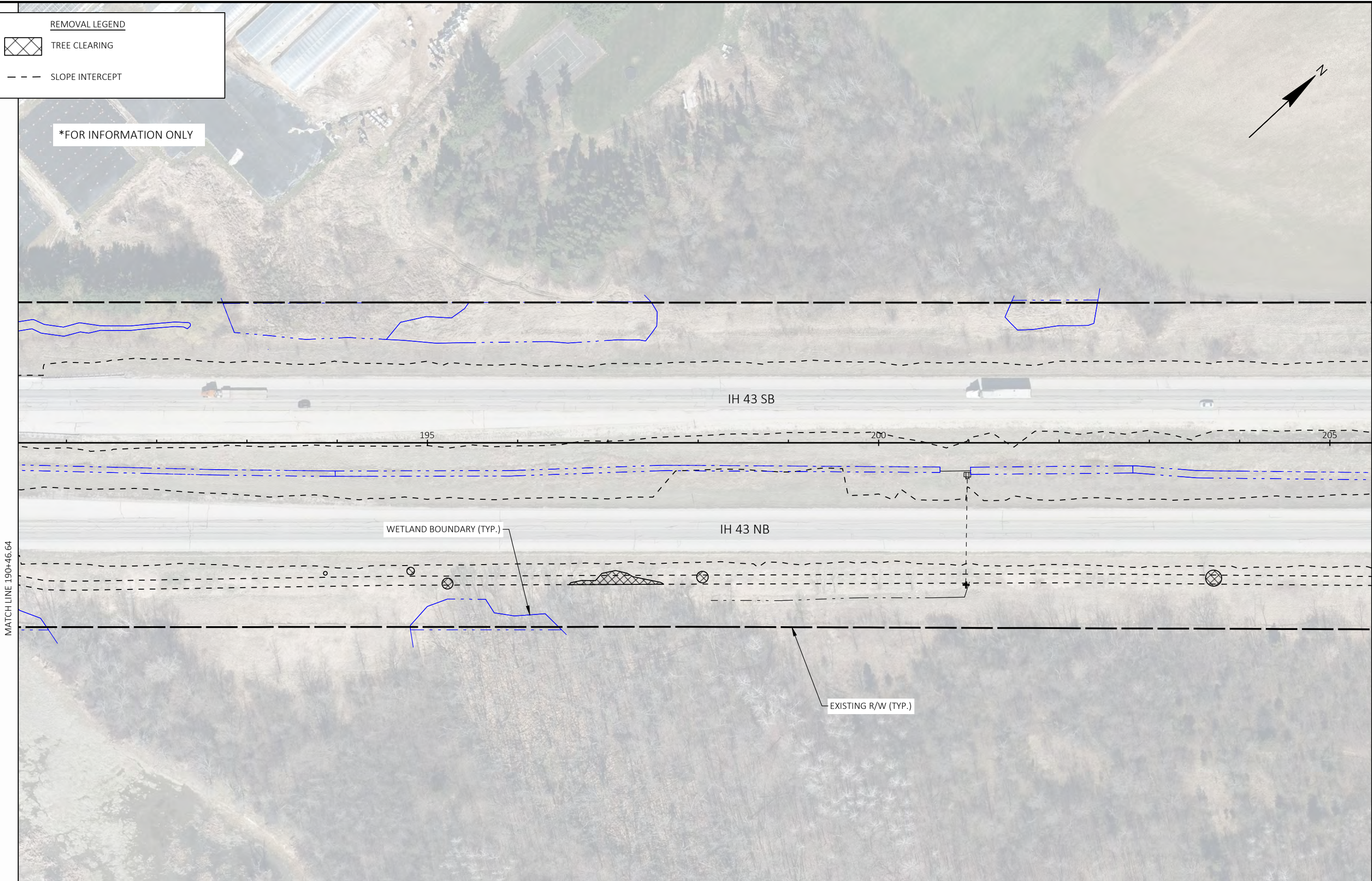


MATCH LINE 205+46.64

5

5

MATCH LINE 190+46.64



PROJECT NO: 3742-03-70	HWY: IH 43	COUNTY: WAUKESHA	CLEARING PLAN - SITE 3	SHEET	E
------------------------	------------	------------------	------------------------	-------	---

5

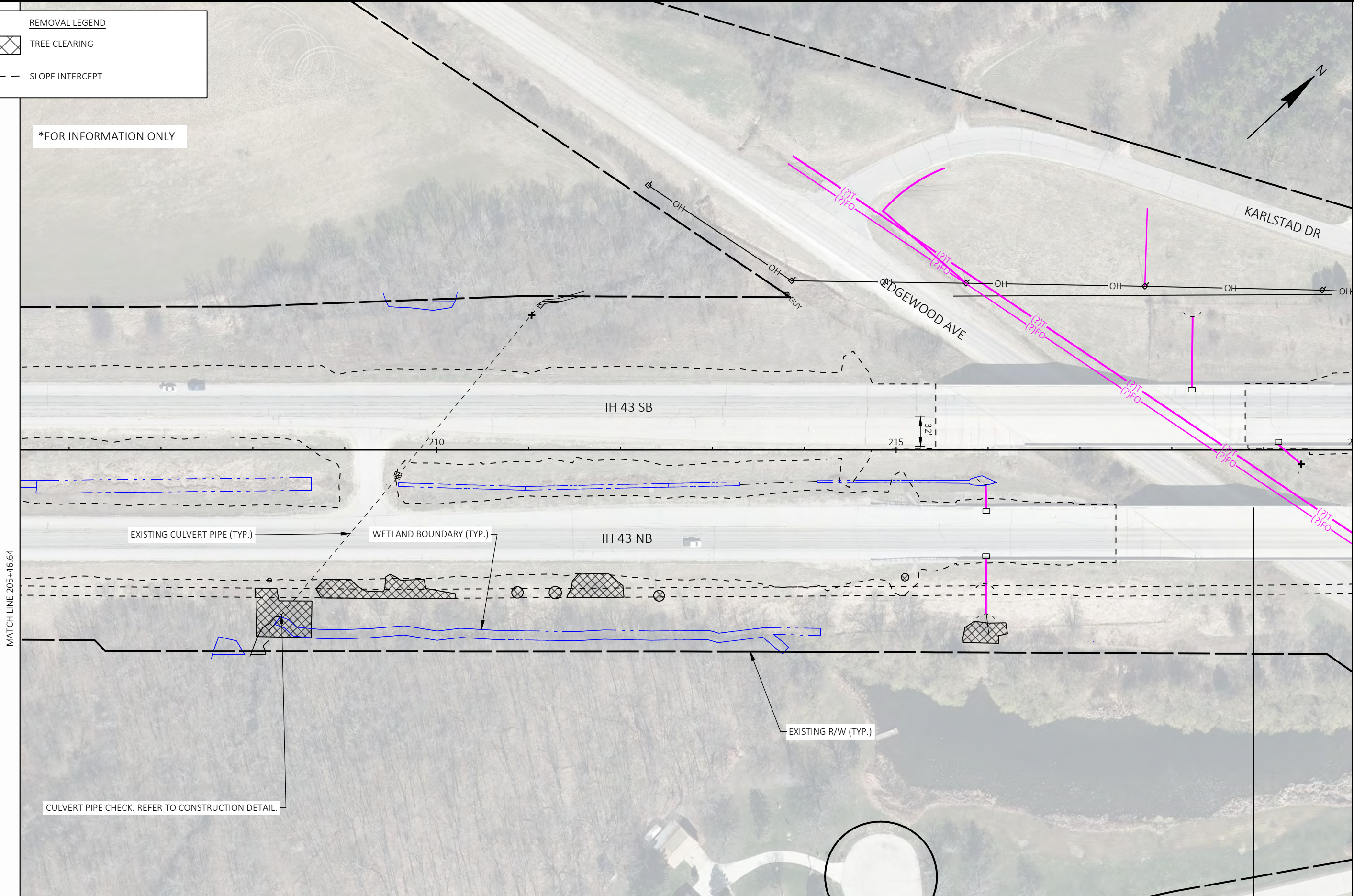
5

REMOVAL LEGEND

 TREE CLEARING

 SLOPE INTERCEPT

*FOR INFORMATION ONLY



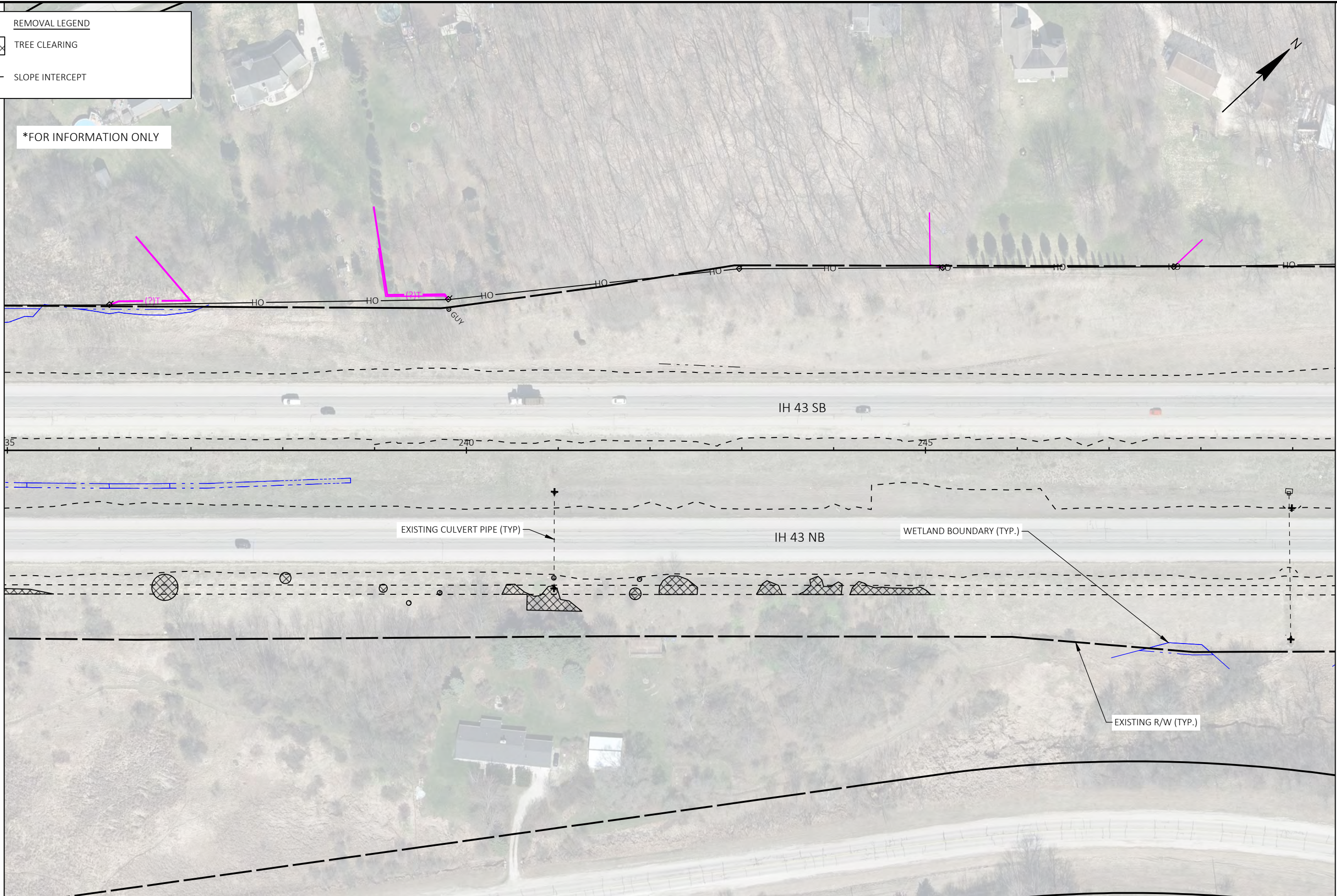
PROJECT NO: 3742-03-70	HWY: IH 43	COUNTY: WAUKESHA	CLEARING PLAN - SITE 3	SHEET	E
------------------------	------------	------------------	------------------------	-------	---

REMOVAL LEGEND

 TREE CLEARING

 SLOPE INTERCEPT

*FOR INFORMATION ONLY



5

5

5

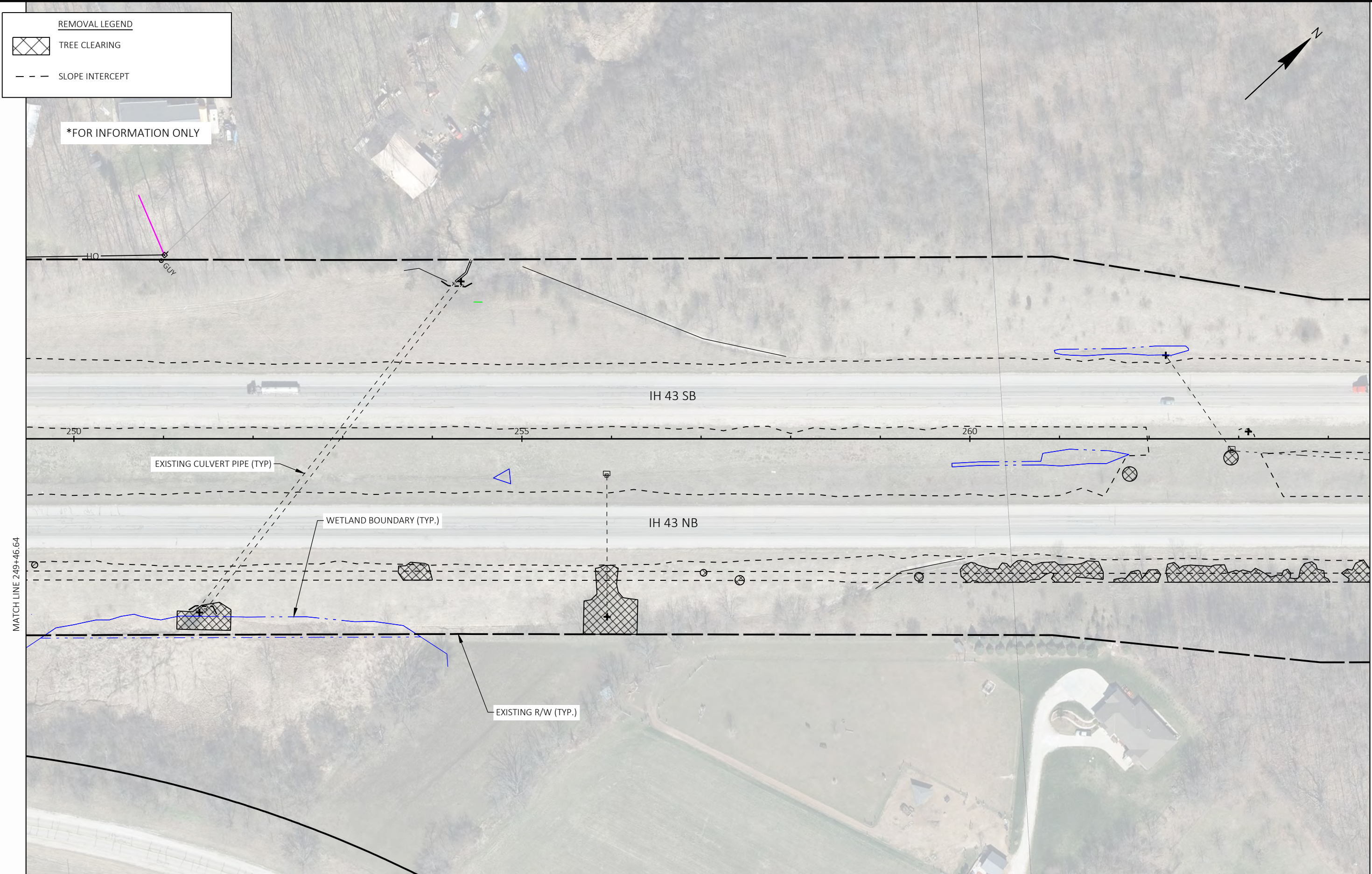
5

REMOVAL LEGEND

 TREE CLEARING

 SLOPE INTERCEPT

*FOR INFORMATION ONLY



PROJECT NO: 3742-03-70	HWY: IH 43	COUNTY: WAUKESHA	CLEARING PLAN - SITE 3	SHEET	E
------------------------	------------	------------------	------------------------	-------	---

5

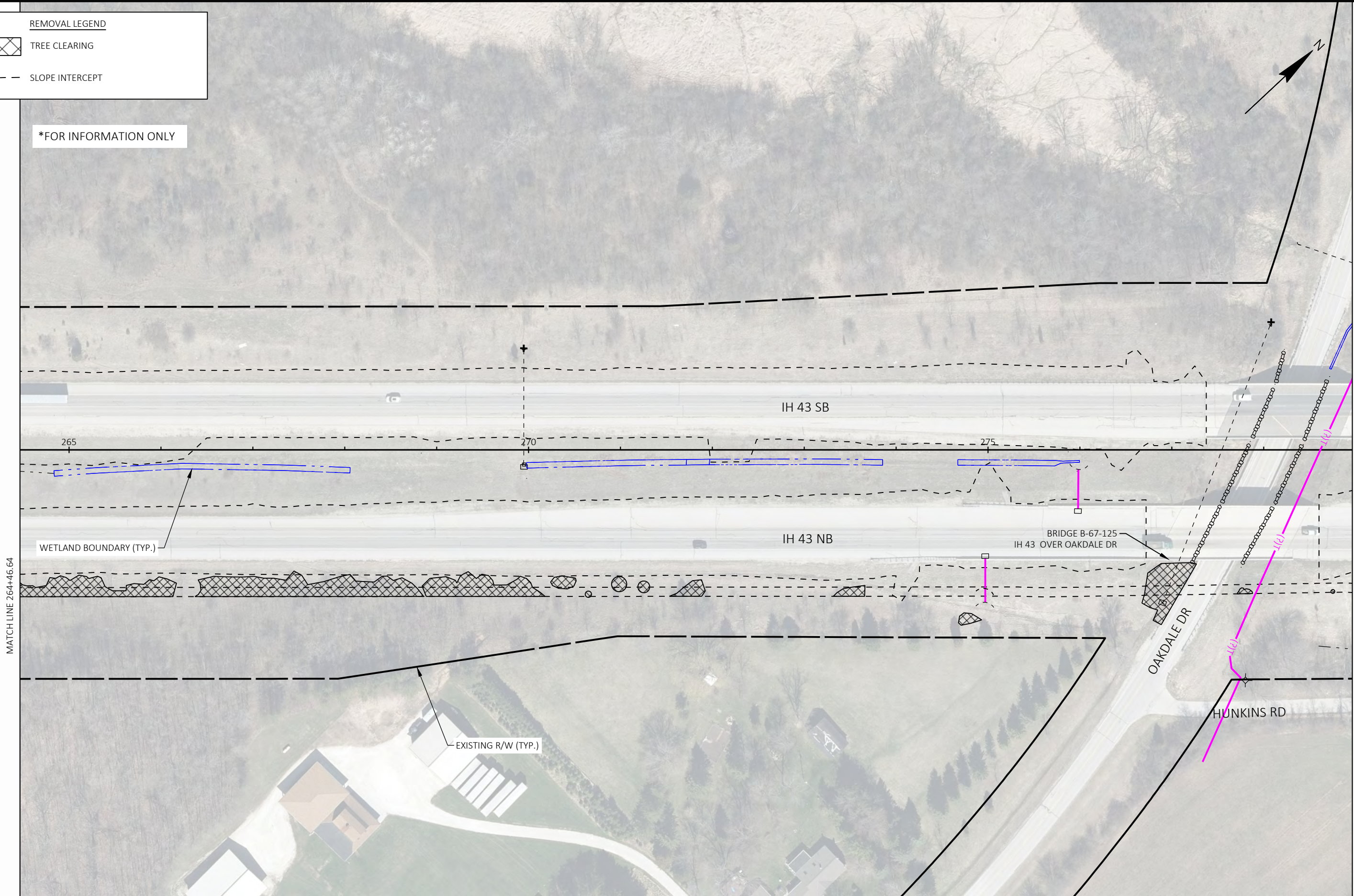
5

REMOVAL LEGEND

 TREE CLEARING

 SLOPE INTERCEPT

*FOR INFORMATION ONLY



PROJECT NO:	3742-03-70	HWY: IH 43	COUNTY: WAUKESHA	CLEARING PLAN - SITE 3	SHEET	E
-------------	------------	------------	------------------	------------------------	-------	---

REMOVAL LEGEND

TREE CLEARING

SLOPE INTERCEPT

*FOR INFORMATION ONLY

5

5

MATCH LINE 278+96.64

MATCH LINE 293+96.64

5

5

REMOVAL LEGEND

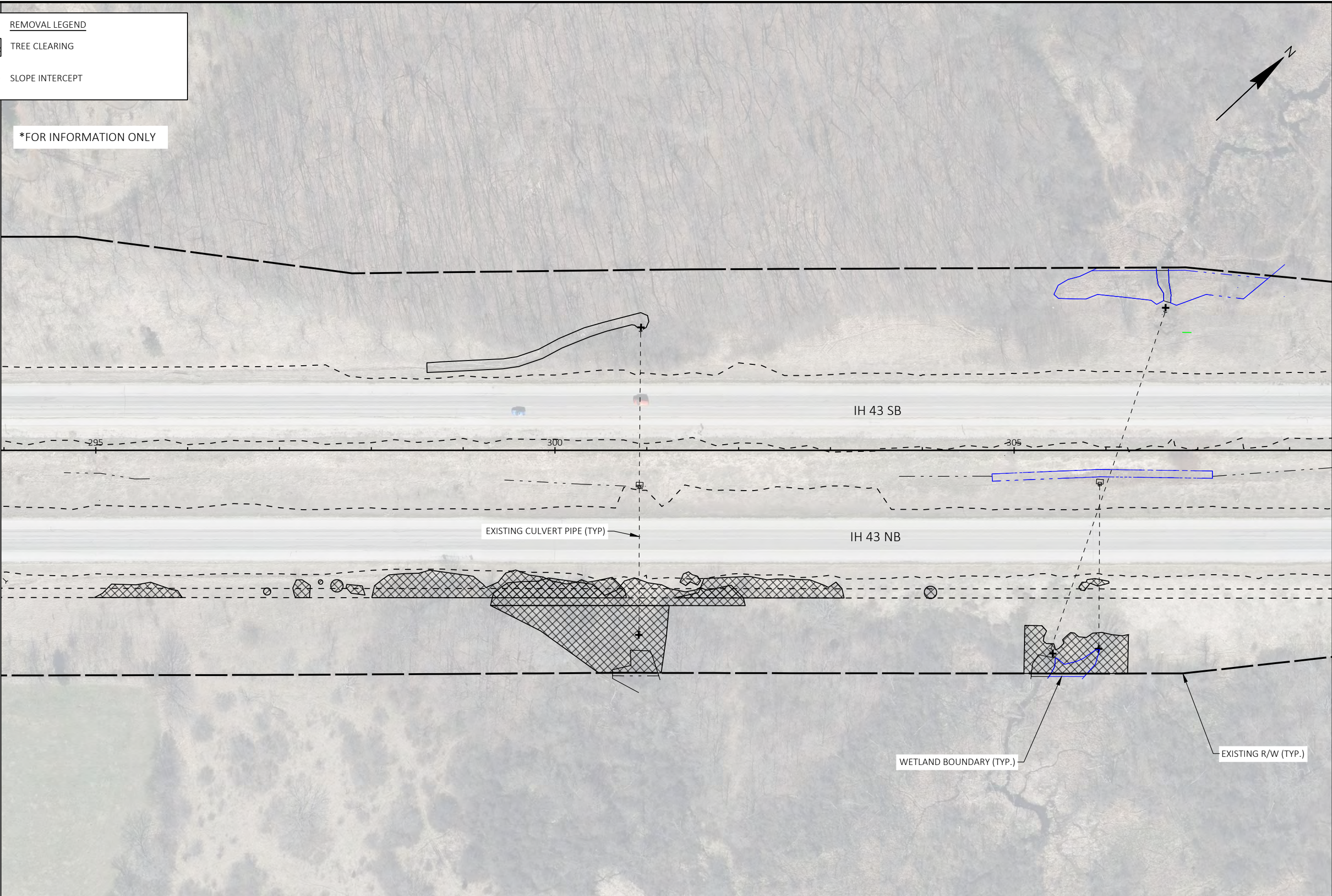
 TREE CLEARING

 SLOPE INTERCEPT

*FOR INFORMATION ONLY

MATCH LINE 293+96.64

MATCH LINE 308+46.64



REMOVAL LEGEND

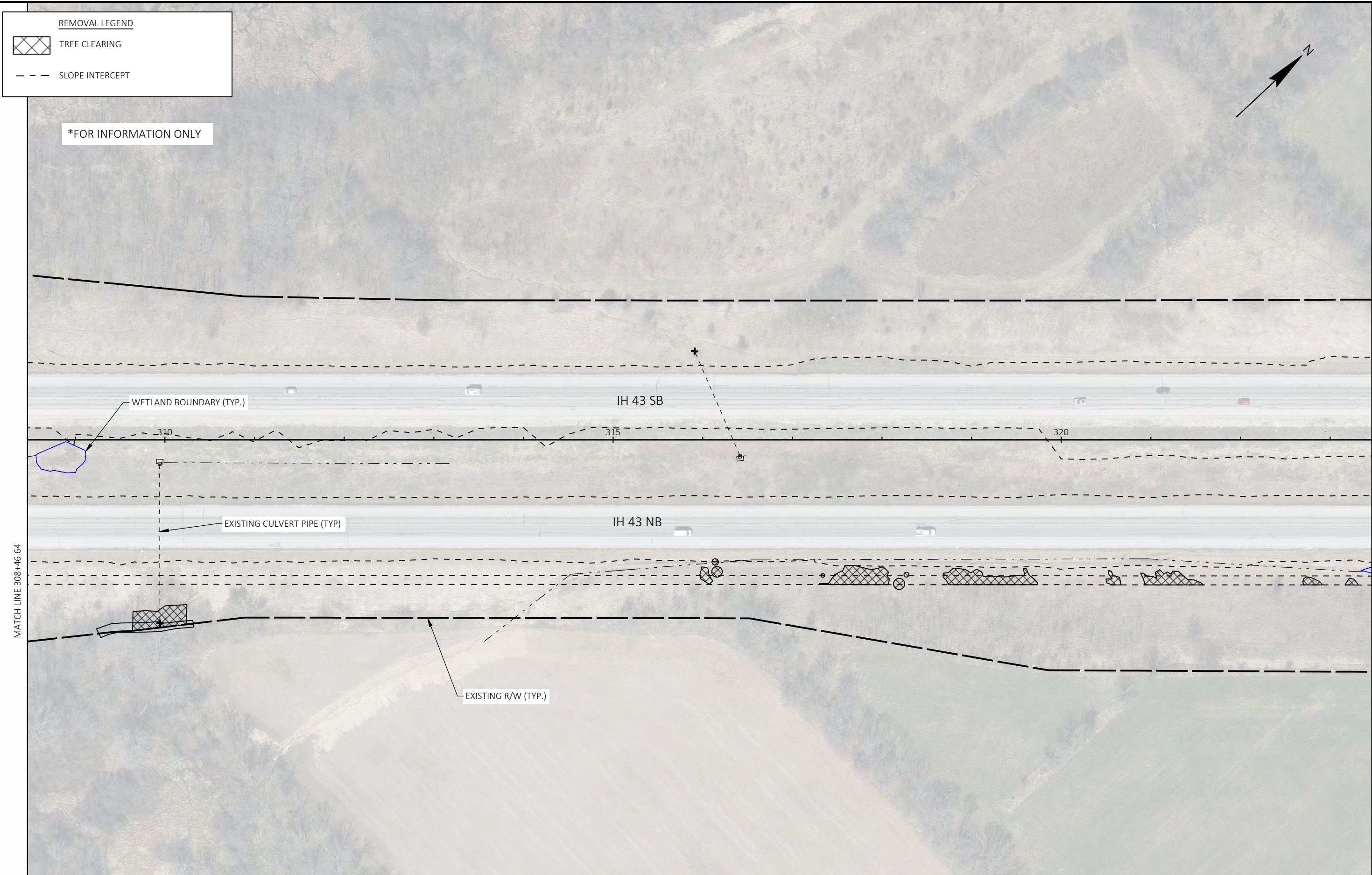
TREE CLEARING

SLOPE INTERCEPT

*FOR INFORMATION ONLY

5

5



PROJECT NO: 3742-03-70	HWY: IH 43	COUNTY: WAUKESHA	CLEARING PLAN - SITE 3	SHEET	E
------------------------	------------	------------------	------------------------	-------	---

5

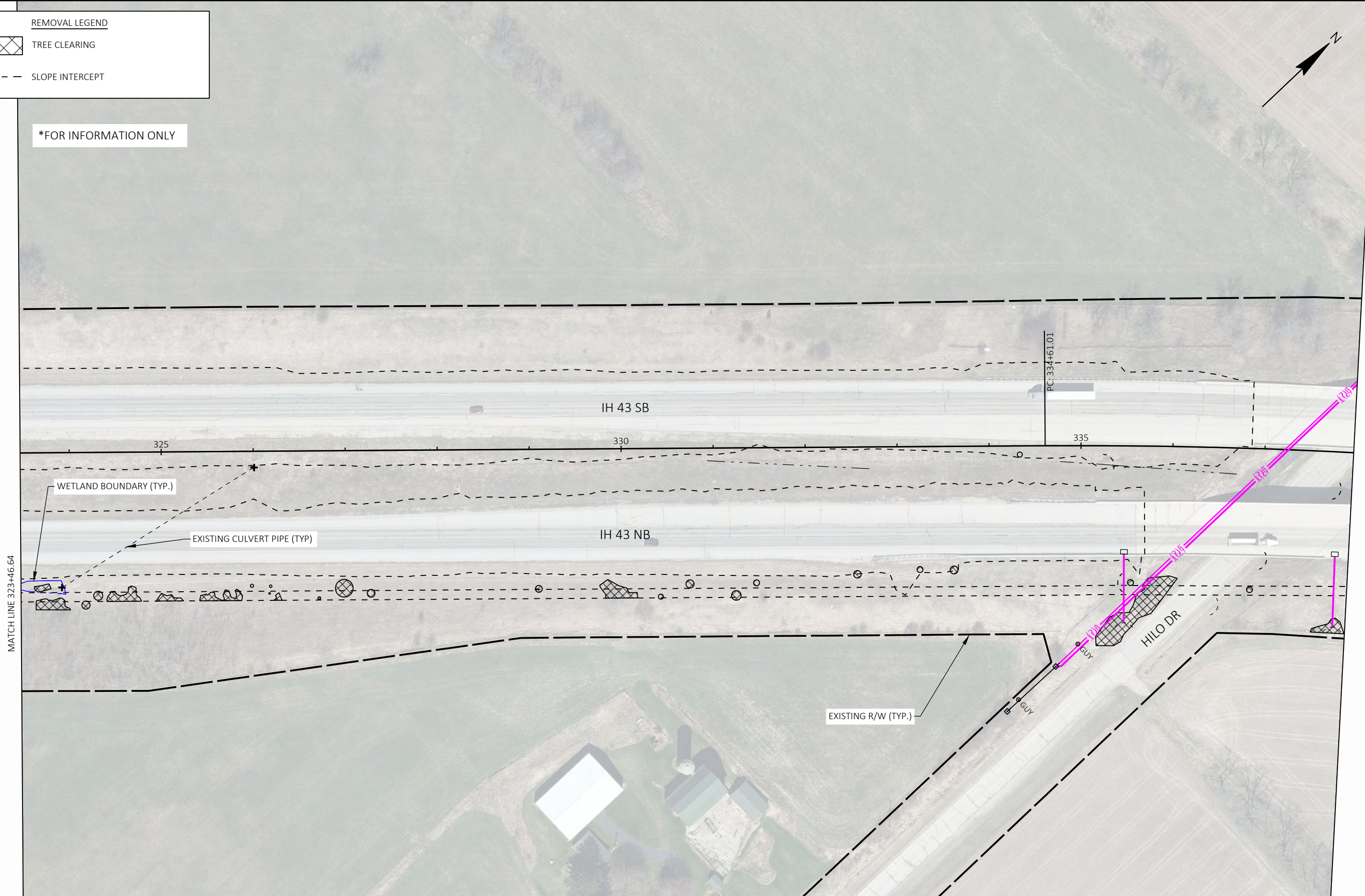
5

REMOVAL LEGEND

 TREE CLEARING

 SLOPE INTERCEPT

*FOR INFORMATION ONLY



PROJECT NO: 3742-03-70	HWY: IH 43	COUNTY: WAUKESHA	CLEARING PLAN - SITE 3	SHEET	E
------------------------	------------	------------------	------------------------	-------	---

REMOVAL LEGEND

 TREE CLEARING

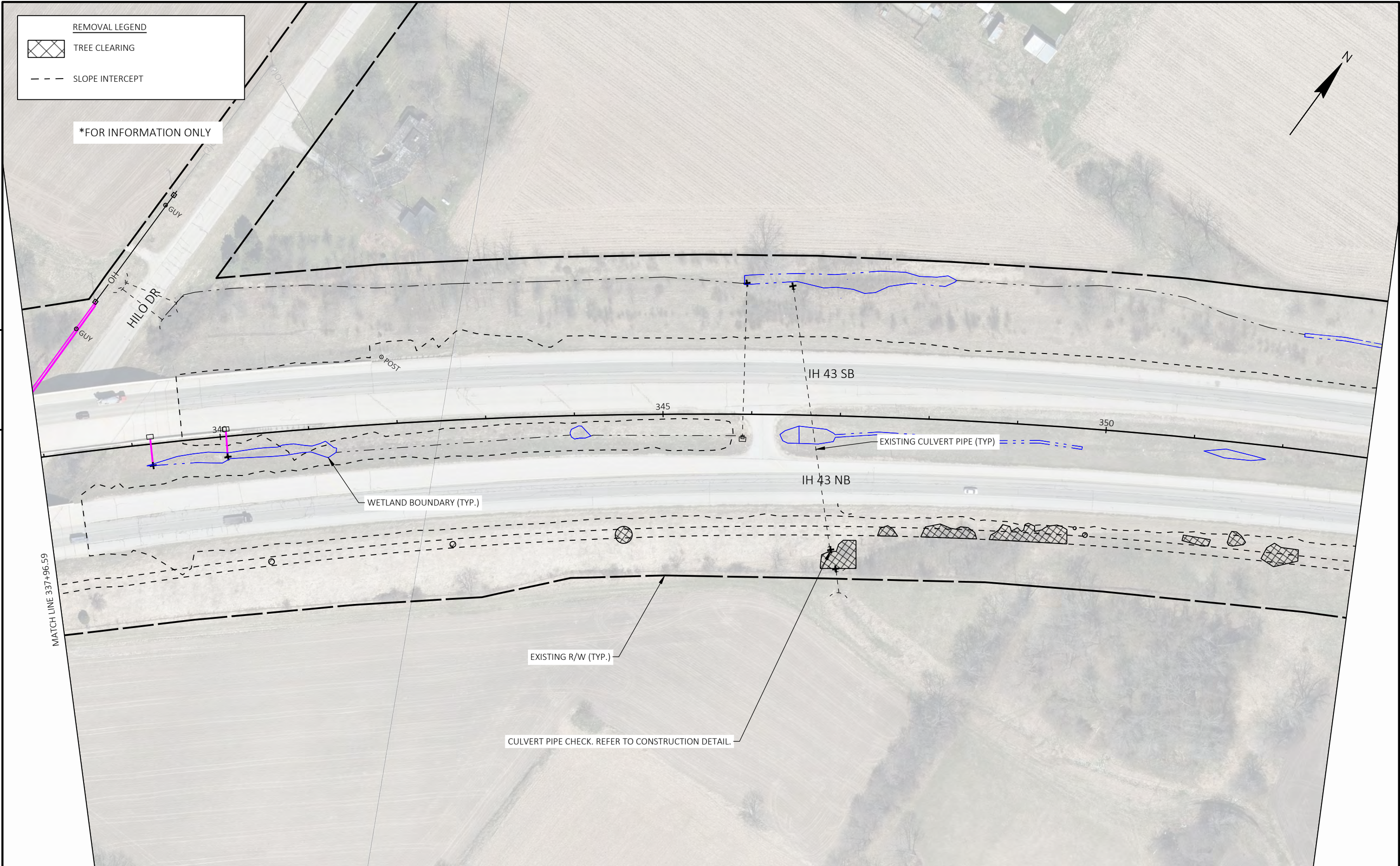
 SLOPE INTERCEPT

*FOR INFORMATION ONLY

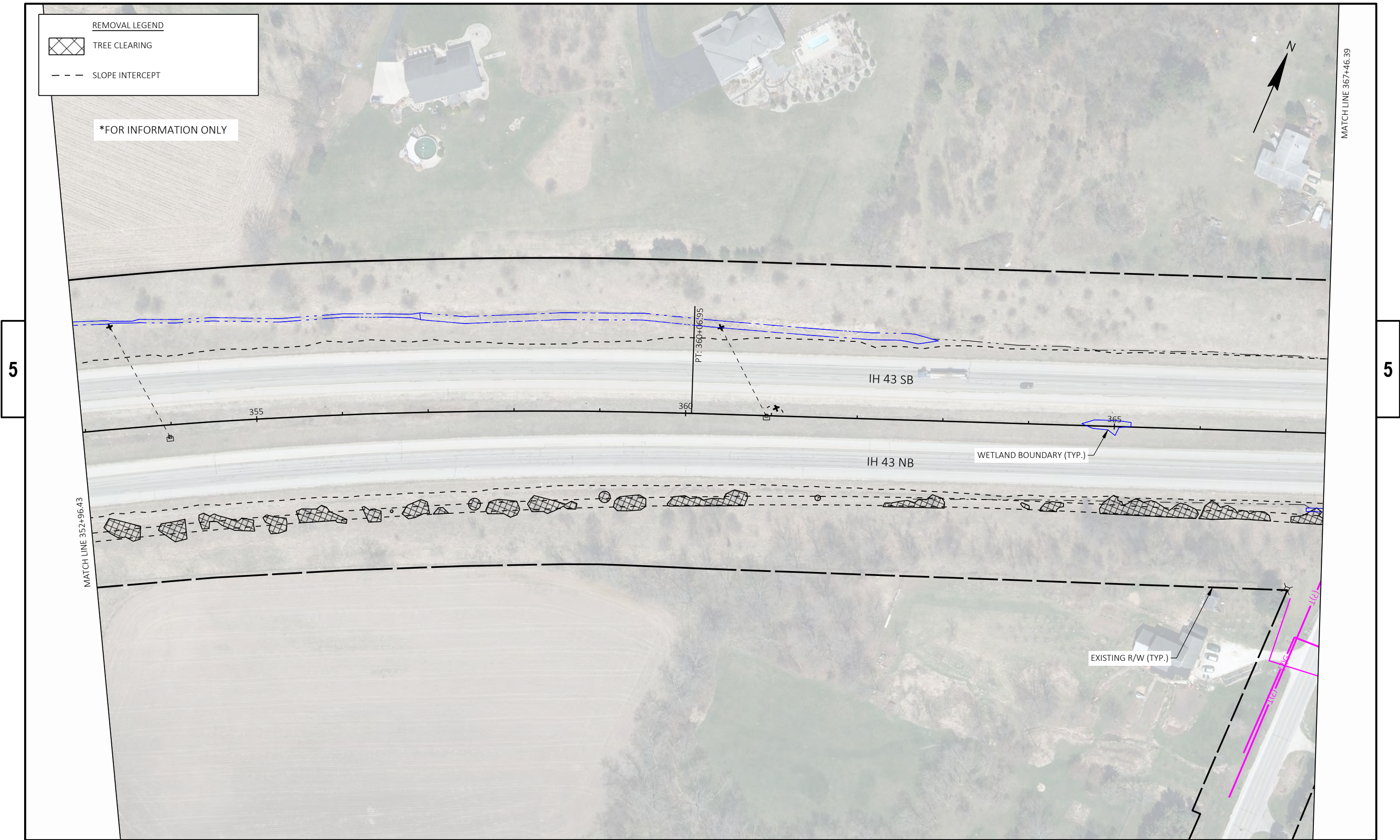


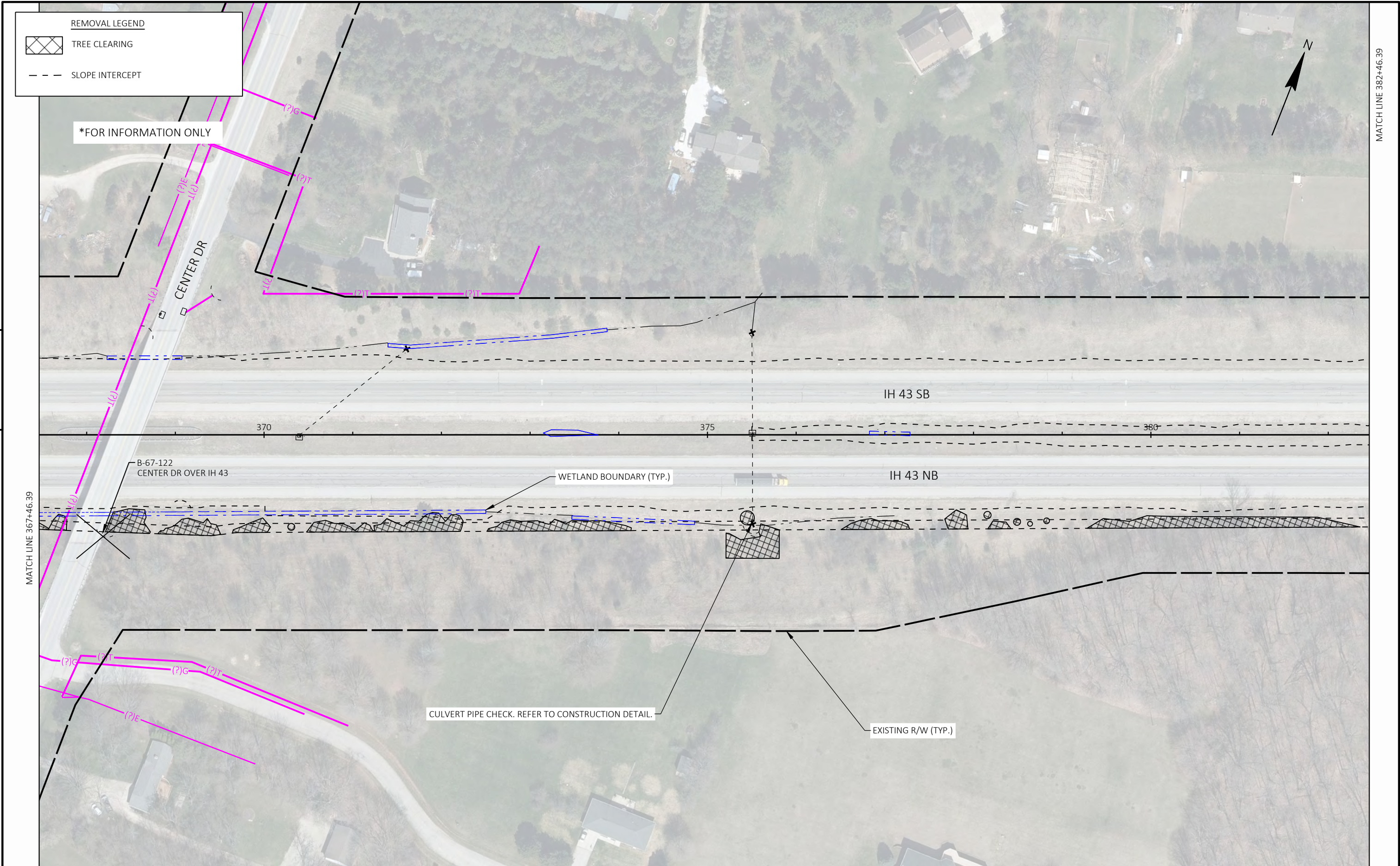
5

5



PROJECT NO:	3742-03-70	HWY:	IH 43	COUNTY:	WAUKESHA	CLEARING PLAN - SITE 3	SHEET	E
-------------	------------	------	-------	---------	----------	------------------------	-------	---





PROJECT NO: 3742-03-70	HWY: IH 43	COUNTY: WAUKESHA	CLEARING PLAN - SITE 3	SHEET	E
------------------------	------------	------------------	------------------------	-------	---

5

5

REMOVAL LEGEND

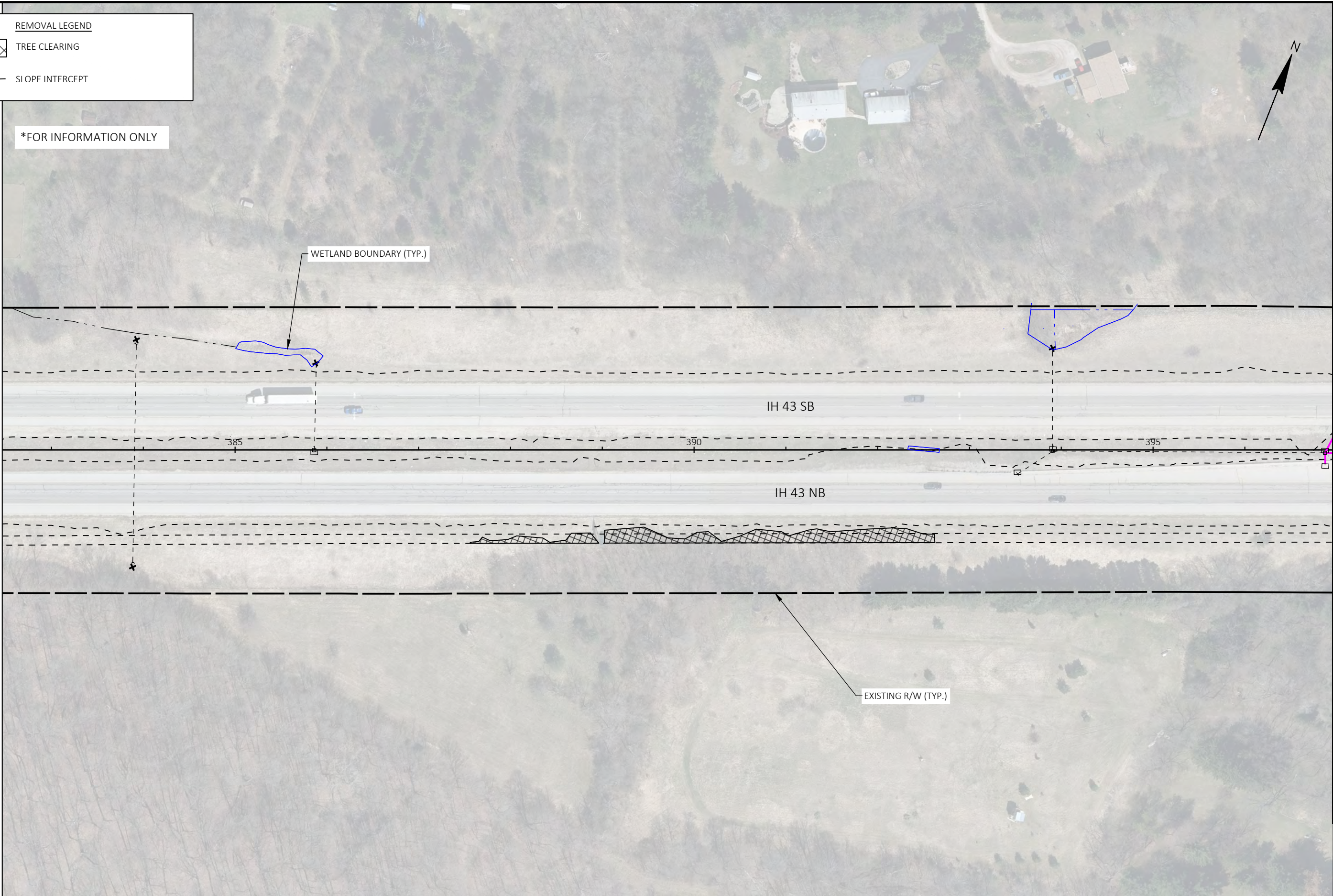
 TREE CLEARING

 SLOPE INTERCEPT

*FOR INFORMATION ONLY

MATCH LINE 382+46.39

MATCH LINE 396+96.39



PROJECT NO: 3742-03-70	HWY: IH 43	COUNTY: WAUKESHA	CLEARING PLAN - SITE 3	SHEET	E
------------------------	------------	------------------	------------------------	-------	---

5

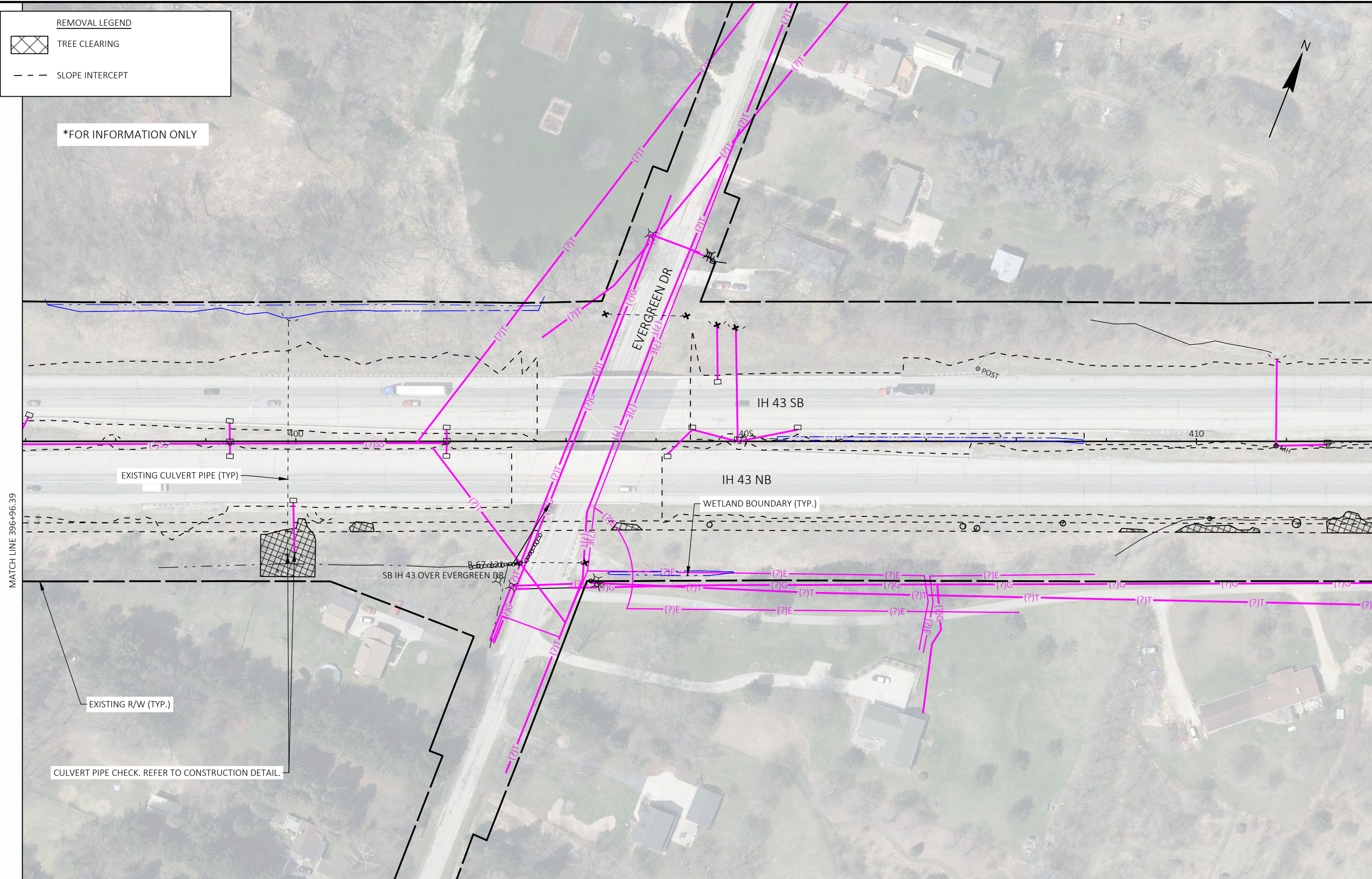
5

REMOVAL LEGEND

 TREE CLEARING

 SLOPE INTERCEPT

*FOR INFORMATION ONLY



PROJECT NO: 3742-03-70	HWY: IH 43	COUNTY: WAUKESHA	CLEARING PLAN - SITE 3	SHEET	E
------------------------	------------	------------------	------------------------	-------	---

5

5

REMOVAL LEGEND

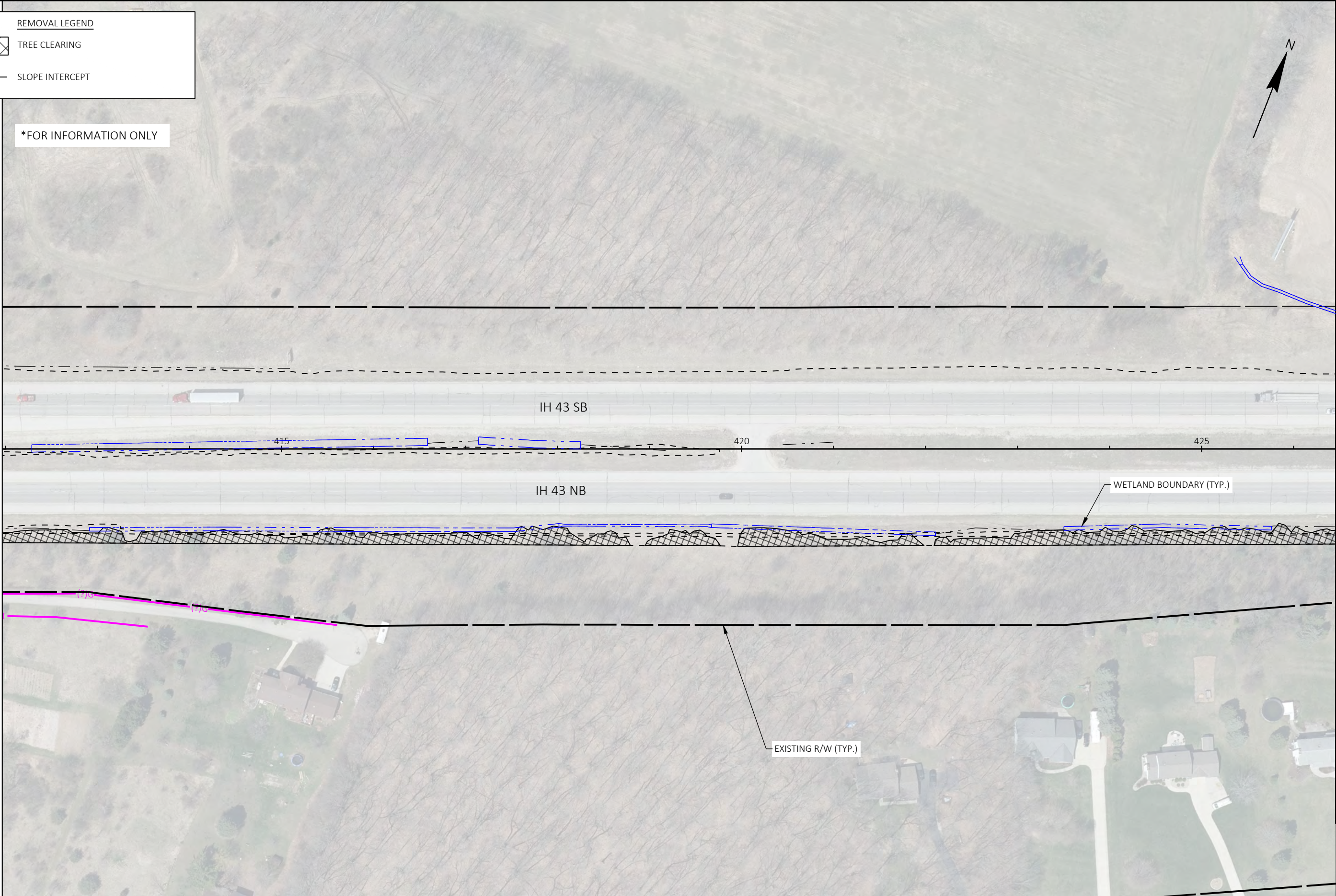
 TREE CLEARING

 SLOPE INTERCEPT

*FOR INFORMATION ONLY

MATCH LINE 411+96.39

MATCH LINE 426+46.39



PROJECT NO: 3742-03-70	HWY: IH 43	COUNTY: WAUKESHA	CLEARING PLAN - SITE 3	SHEET	E
------------------------	------------	------------------	------------------------	-------	---

5

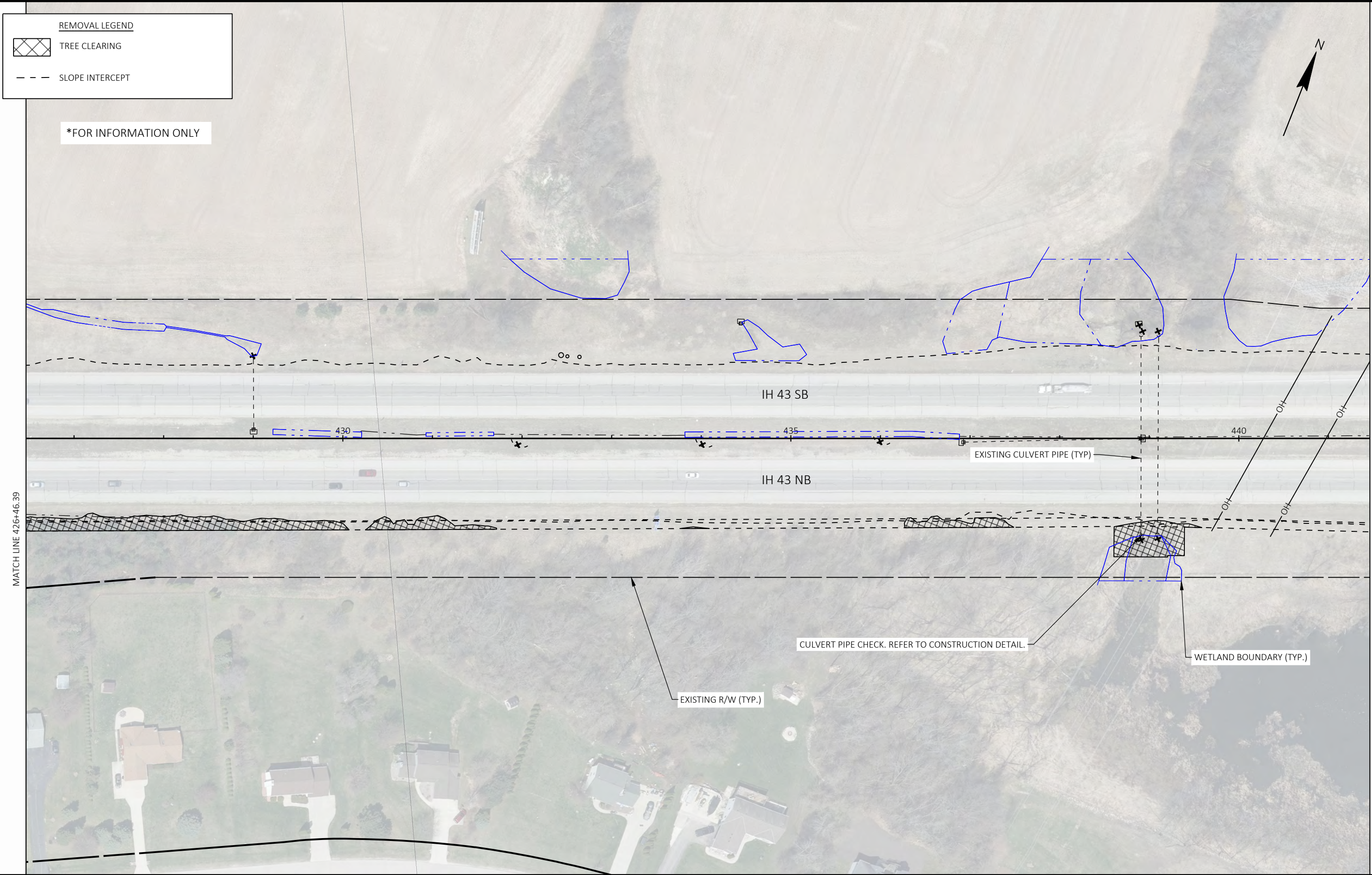
5

REMOVAL LEGEND

TREE CLEARING

SLOPE INTERCEPT

*FOR INFORMATION ONLY



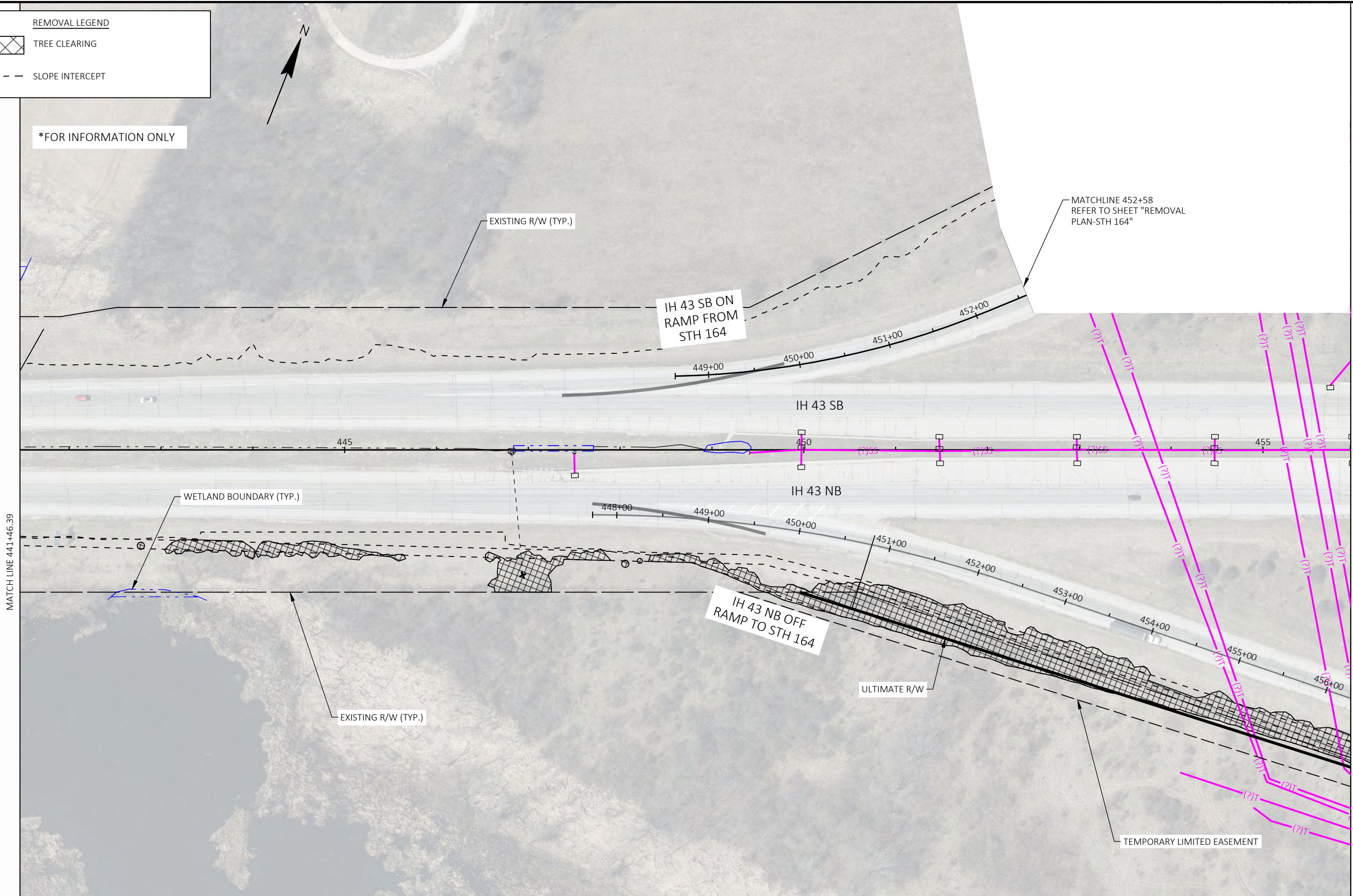
MATCH LINE 441+46.39

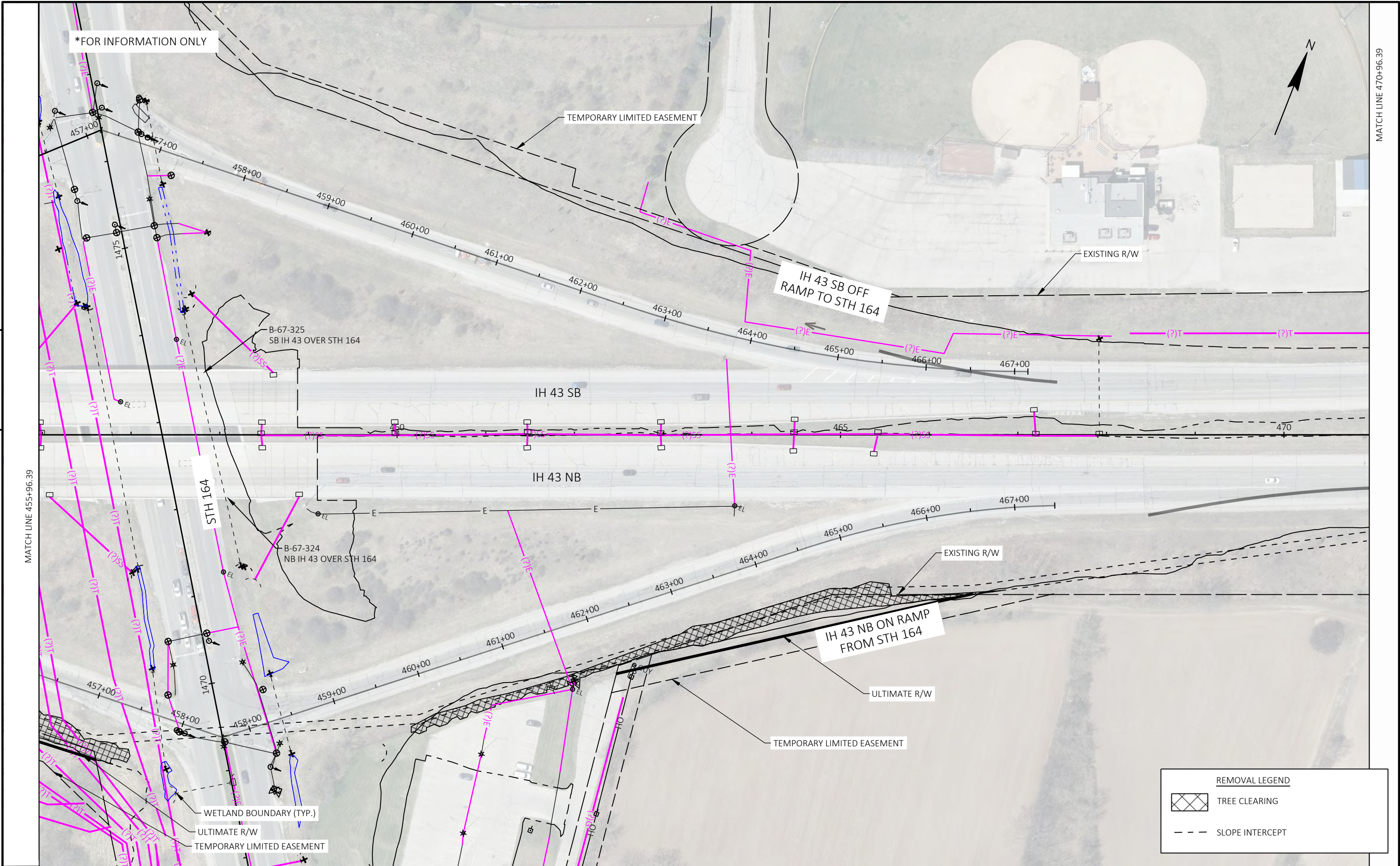
REMOVAL LEGEND

 TREE CLEARING

 SLOPE INTERCEPT

*FOR INFORMATION ONLY





REMOVAL LEGEND

 TREE CLEARING

 SLOPE INTERCEPT

*FOR INFORMATION ONLY

EXISTING R/W (TYP.)

PC: 475+93.44

IH 43 SB

IH 43 NB

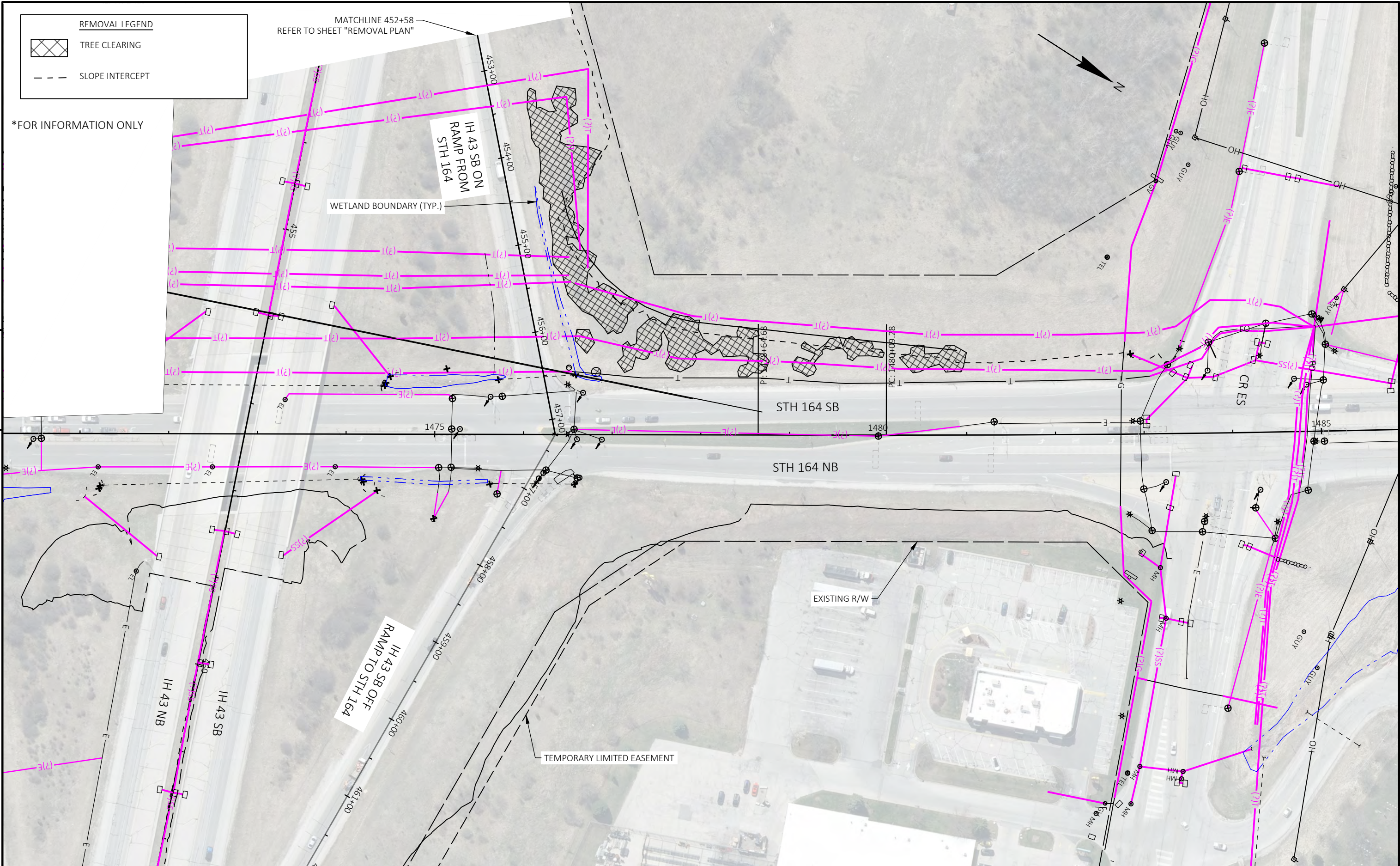
EXISTING R/W (TYP.)

MATCH LINE 485+50

MATCH LINE 470+96.39



PROJECT NO: 3742-03-70	HWY: IH 43	COUNTY: WAUKESHA	CLEARING PLAN - SITE 3	SHEET	E
------------------------	------------	------------------	------------------------	-------	---



*FOR INFORMATION ONLY

REMOVAL LEGEND

- TREE CLEARING
- SLOPE INTERCEPT

MATCHLINE 452+58
REFER TO SHEET "REMOVAL PLAN"

IH 43 SB ON
RAMP FROM
STH 164

WETLAND BOUNDARY (TYP.)

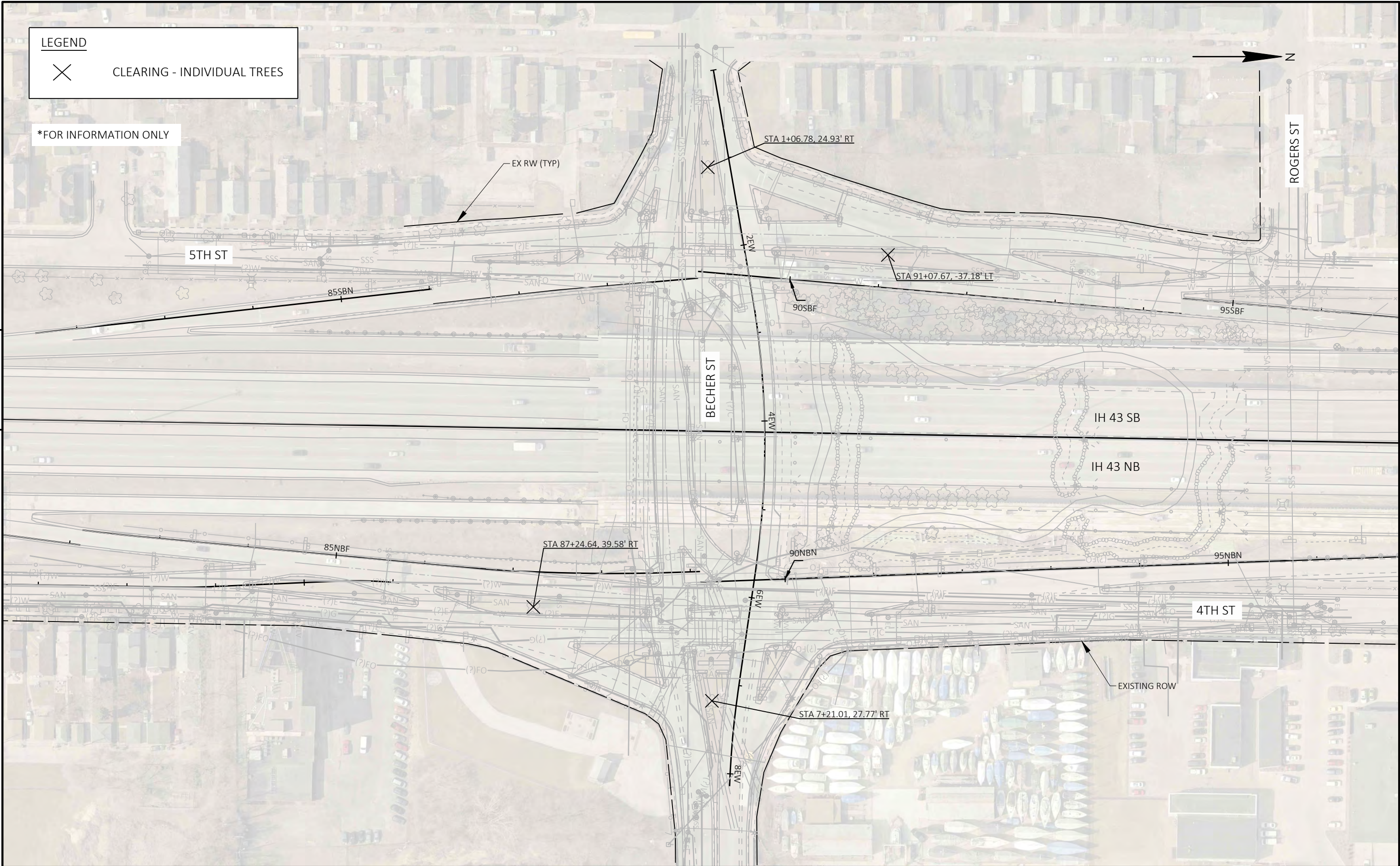
STH 164 SB

STH 164 NB

EXISTING R/W

IH 43 SB OFF
RAMP TO STH 164

TEMPORARY LIMITED EASEMENT



LEGEND

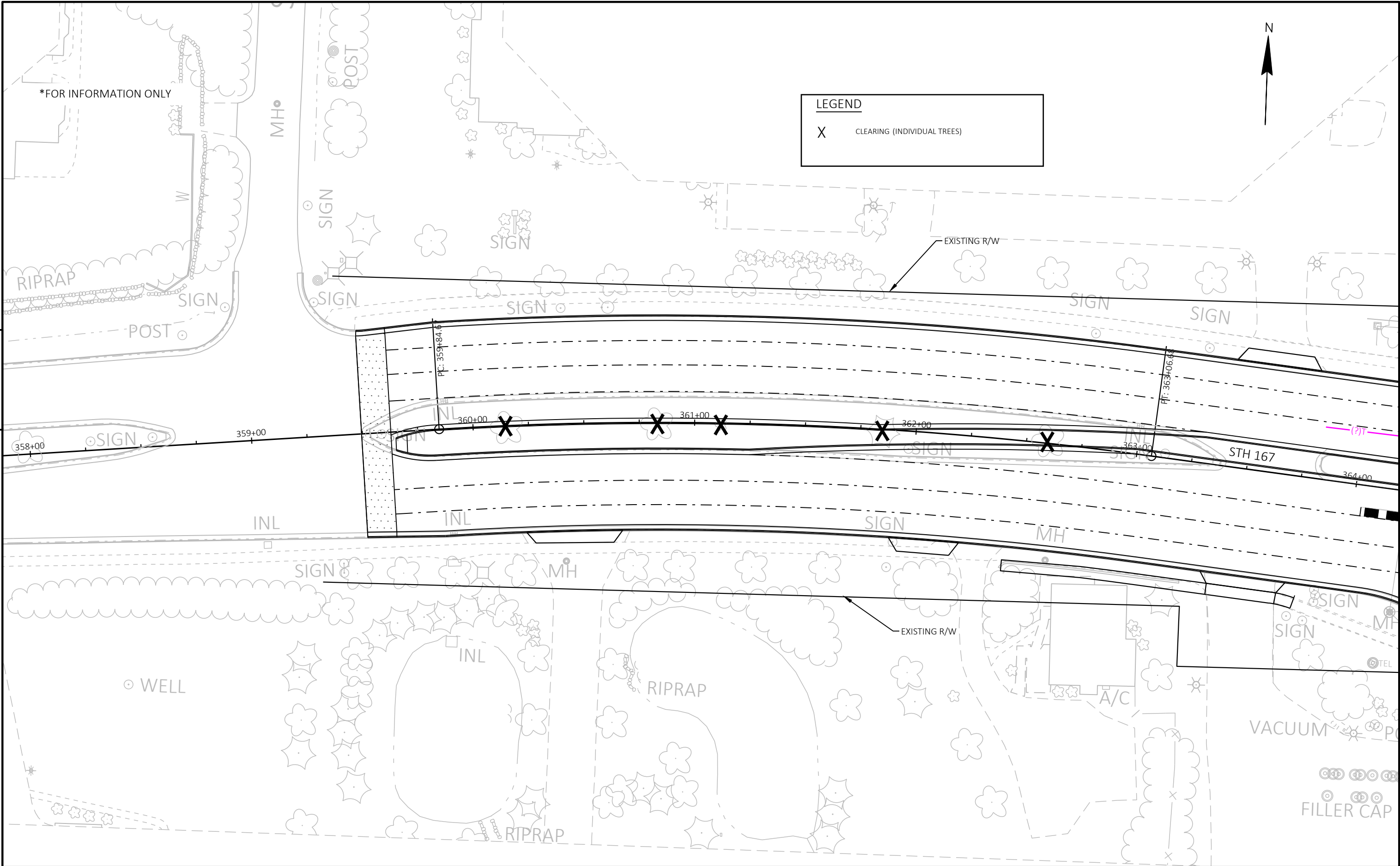
✕

CLEARING - INDIVIDUAL TREES

*FOR INFORMATION ONLY

5

5



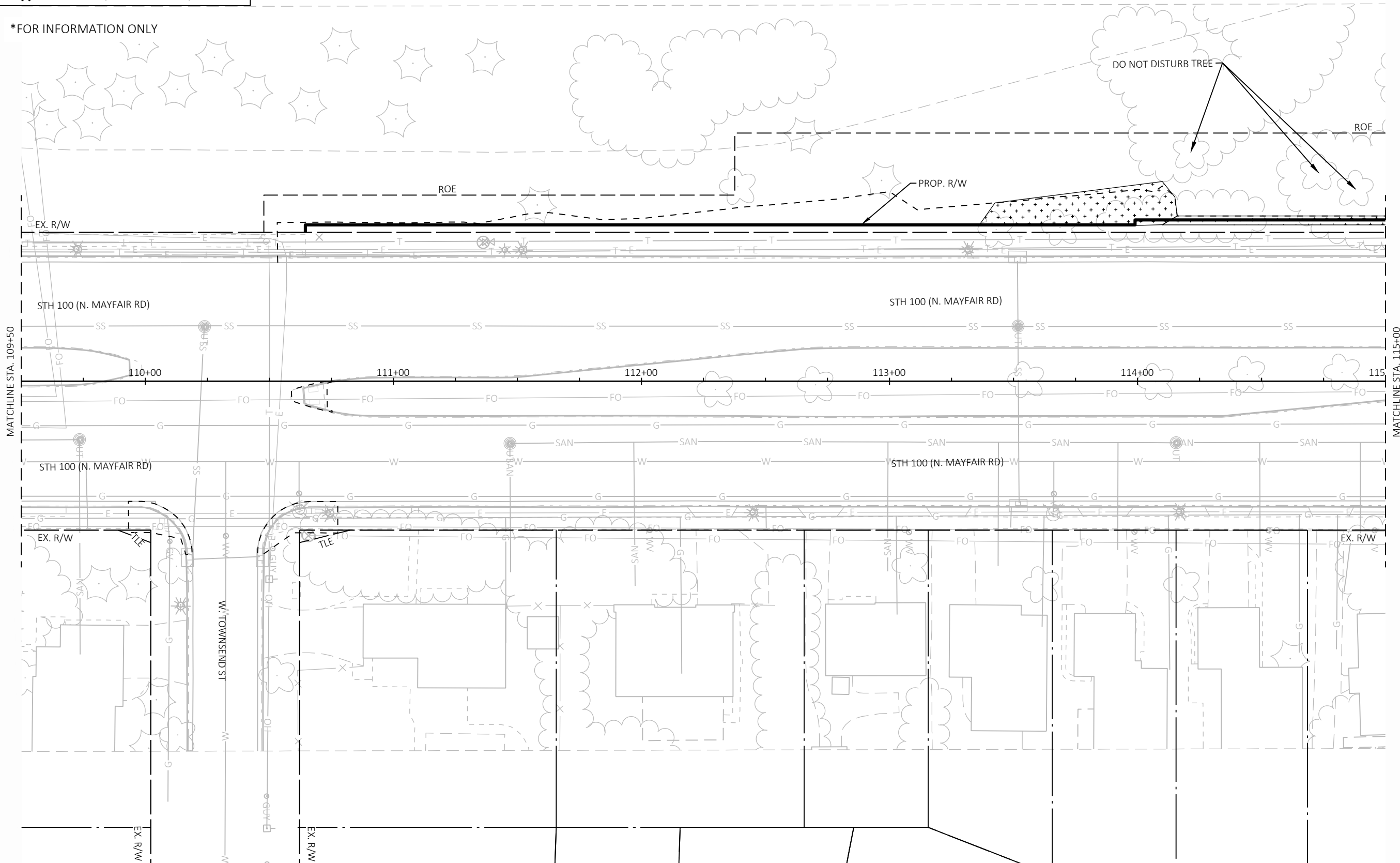
PROJECT NO: 3742-03-70	HWY: STH 167	COUNTY: OZAUCKEE	CLEARING PLAN - SITE 5	SHEET	E
------------------------	--------------	------------------	------------------------	-------	---

LEGEND

- CLEARING
- CLEARING (INDIVIDUAL TREES)



*FOR INFORMATION ONLY

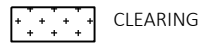


5

5

PROJECT NO: 3742-03-70	HWY: STH 100	COUNTY: MILWAUKEE	CLEARING PLAN - SITE 6	SHEET	E
------------------------	--------------	-------------------	------------------------	-------	---

LEGEND



CLEARING



CLEARING (INDIVIDUAL TREES)

*FOR INFORMATION ONLY

DO NOT DISTURB TREE

DO NOT DISTURB TREE

PROP. R/W

ROE

EX. R/W

STH 100 (N. MAYFAIR RD)

STH 100 (N. MAYFAIR RD)

MATCHLINE STA. 115+00

MATCHLINE STA. 120+00

115+00 116+00 117+00 118+00 119+00 120+00

STH 100 (N. MAYFAIR RD)

STH 100 (N. MAYFAIR RD)

EX. R/W

EX. R/W

EX. R/W

NVS W. KEEFE AVE

NVS

ROE

50'

PROJECT NO: 3742-03-70

HWY: STH 100

COUNTY: MILWAUKEE

CLEARING PLAN - SITE 6

SHEET

E

FILE NAME : X:\ML\2021\20210100\DESIGN\TRANSPORTATION\SHEETSPLAN\TREE CLEARING\021101_RM.DWG
LAYOUT NAME - 021206_pd

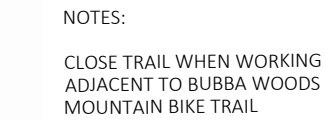
PLOT DATE : 7/21/2025 11:50 AM

PLOT BY : STRASSER, JEFFREY

PLOT NAME :

PLOT SCALE : 1 IN=40 FT

WISDOT/CADDs SHEET 42



*FOR INFORMATION ONLY

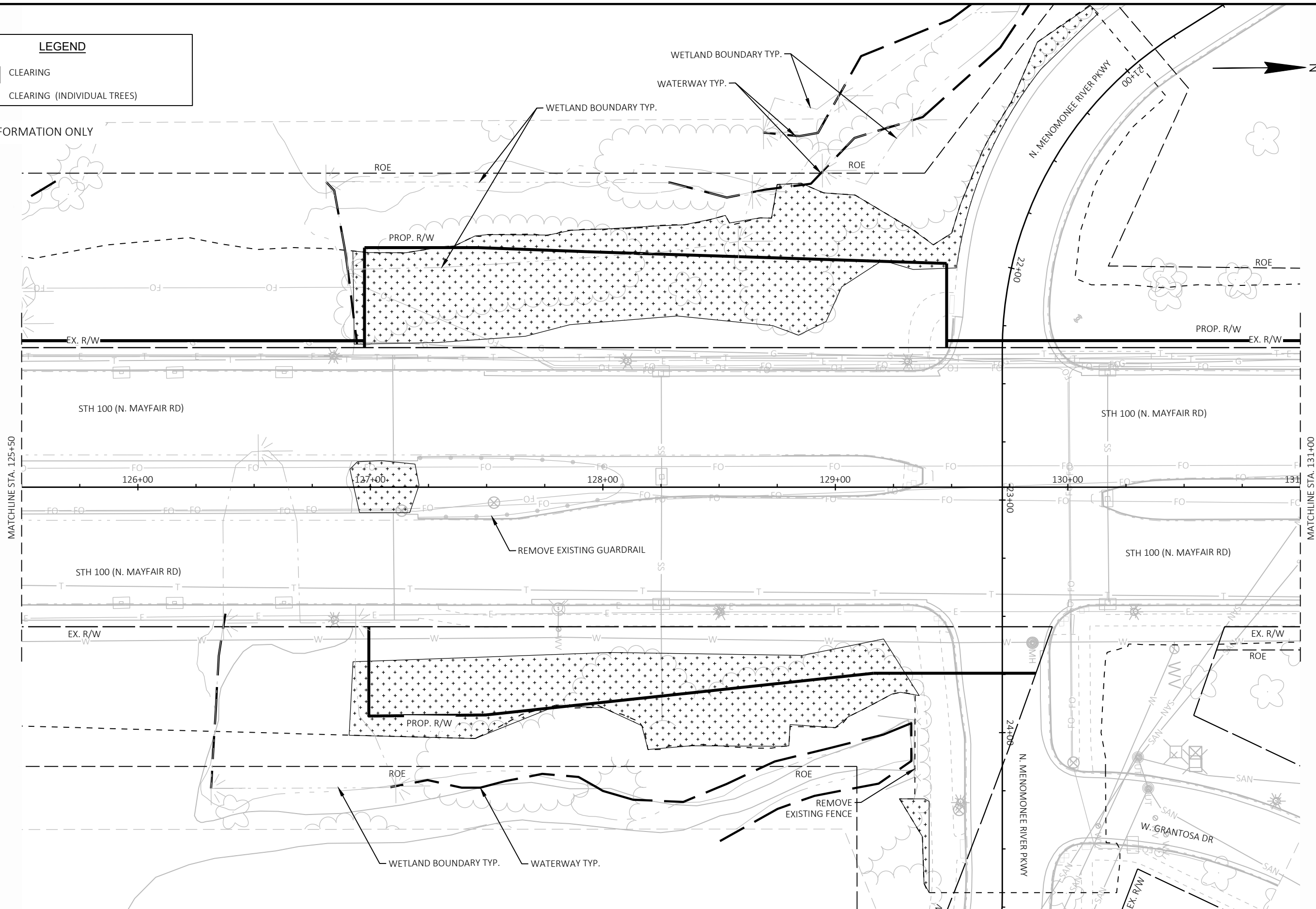


1

LEGEND

-  CLEARING
-  CLEARING (INDIVIDUAL TREES)

*FOR INFORMATION ONLY



PROJECT NO: 3742-03-70

HWY: STH 100

COUNTY: MILWAUKEE

CLEARING PLAN - SITE 6

SHEET

E

FILE NAME : X:\ML\2021\20210100\DESIGN\TRANSPORTATION\SHEETSPLAN\TREE CLEARING\021101_RM.DWG
LAYOUT NAME - 021208_pd

PLOT DATE : 7/21/2025 11:50 AM

PLOT BY : STRASSER, JEFFREY

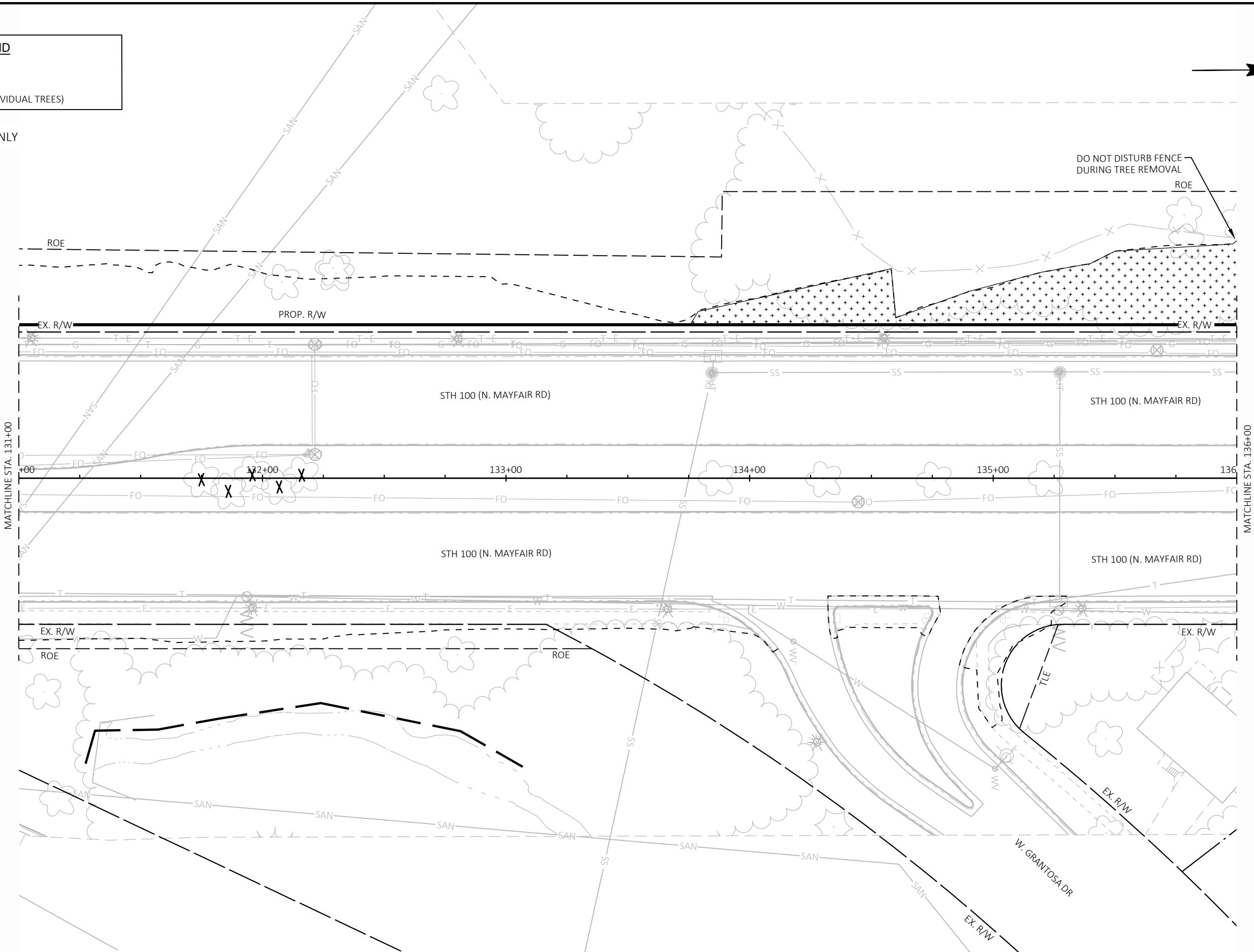
PLOT NAME :

PLOT SCALE : 1 IN=40 FT

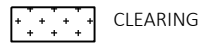
WISDOT/CADDs SHEET 42

5

5

[illegible]

LEGEND

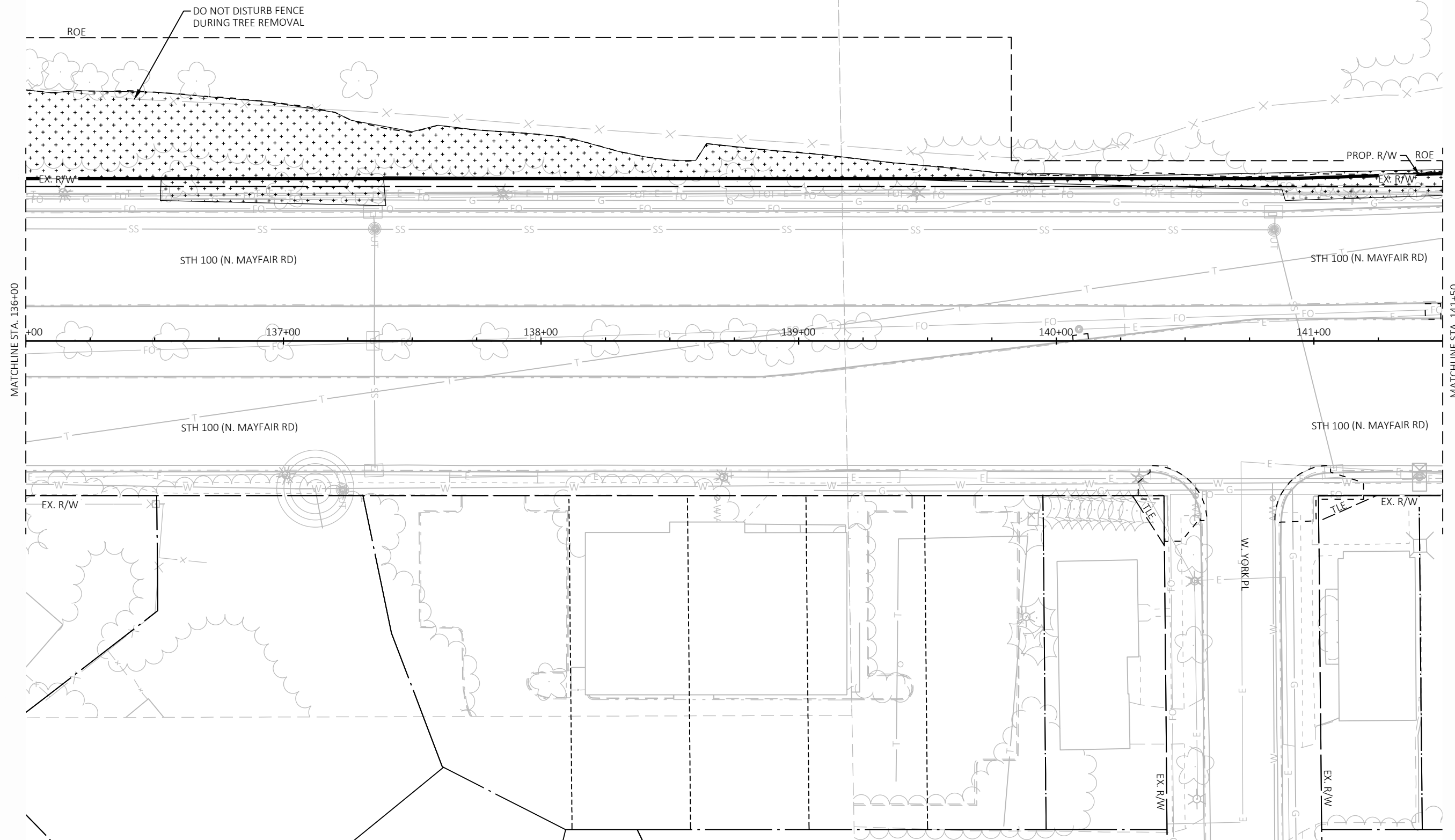


CLEARING



CLEARING (INDIVIDUAL TREES)

*FOR INFORMATION ONLY



PROJECT NO: 3742-03-70

HWY: STH 100

COUNTY: MILWAUKEE

CLEARING PLAN - SITE 6

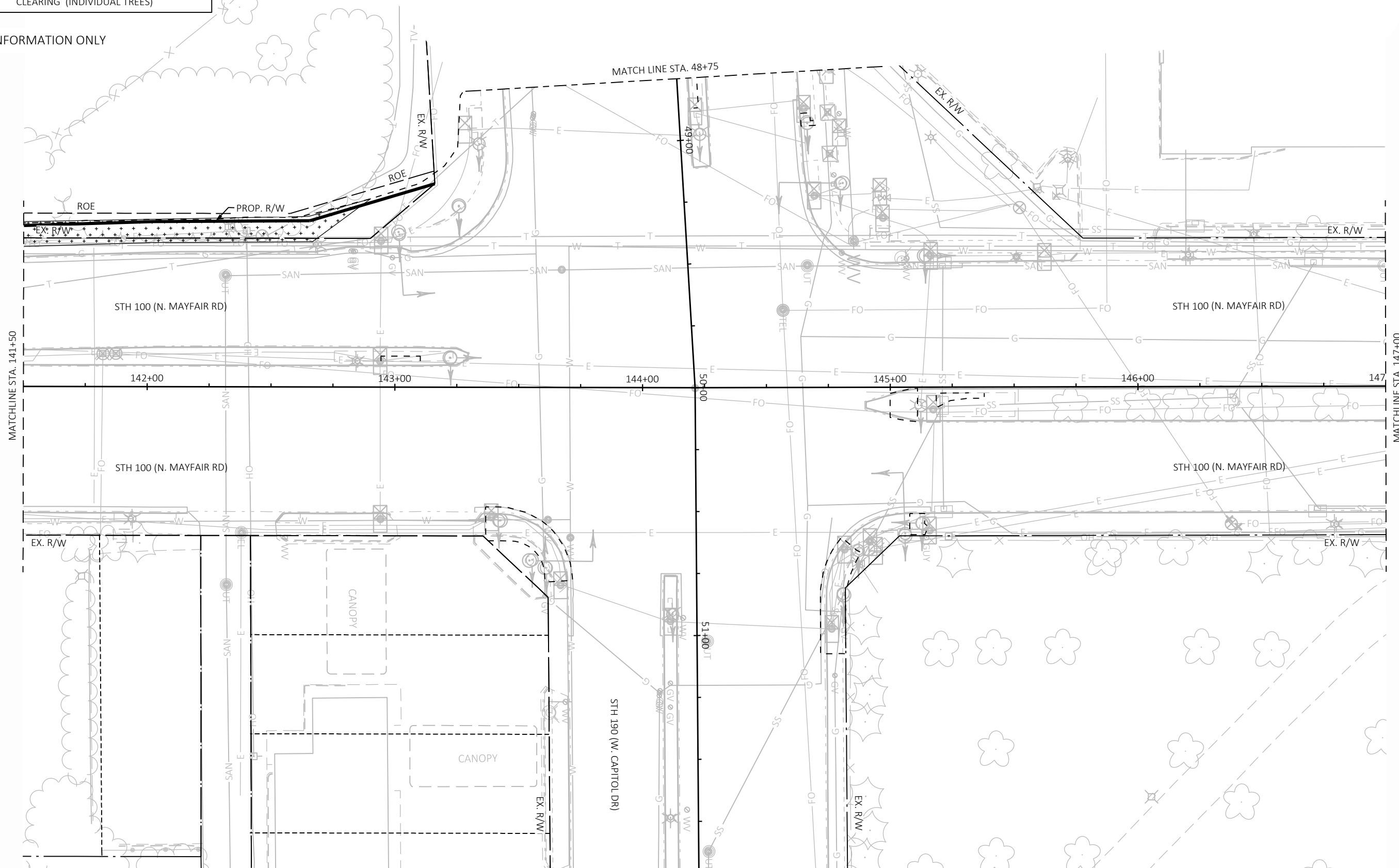
SHEET

E

LEGEND

- ✱ CLEARING
- X CLEARING (INDIVIDUAL TREES)

*FOR INFORMATION ONLY



5

5

PROJECT NO: 3742-03-70

HWY: STH 100

COUNTY: MILWAUKEE

CLEARING PLAN - SITE 6

SHEET

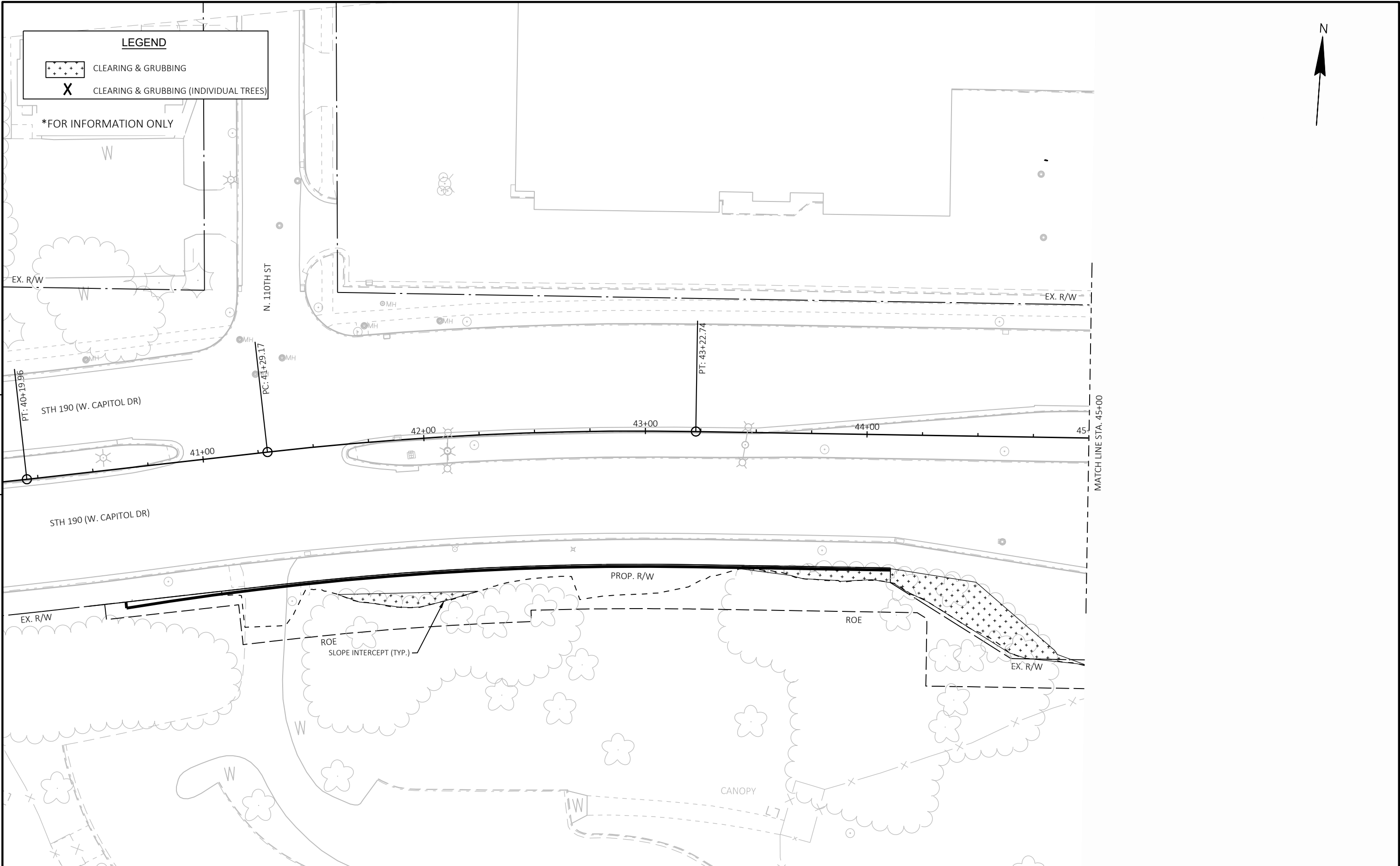
E

5

5



PROJECT NO: 3742-03-70	HWY: STH 100	COUNTY: MILWAUKEE	CLEARING PLAN - SITE 6	SHEET	E
------------------------	--------------	-------------------	------------------------	-------	---



PROJECT NO: 3742-03-70	HWY: STH 100	COUNTY: MILWAUKEE	CLEARING PLAN - SITE 6	SHEET	E
------------------------	--------------	-------------------	------------------------	-------	---

LEGEND

+

+

+

+

+

+

+

+

+

+

CLEARING & GRUBBING

X

CLEARING & GRUBBING (INDIVIDUAL TREES)

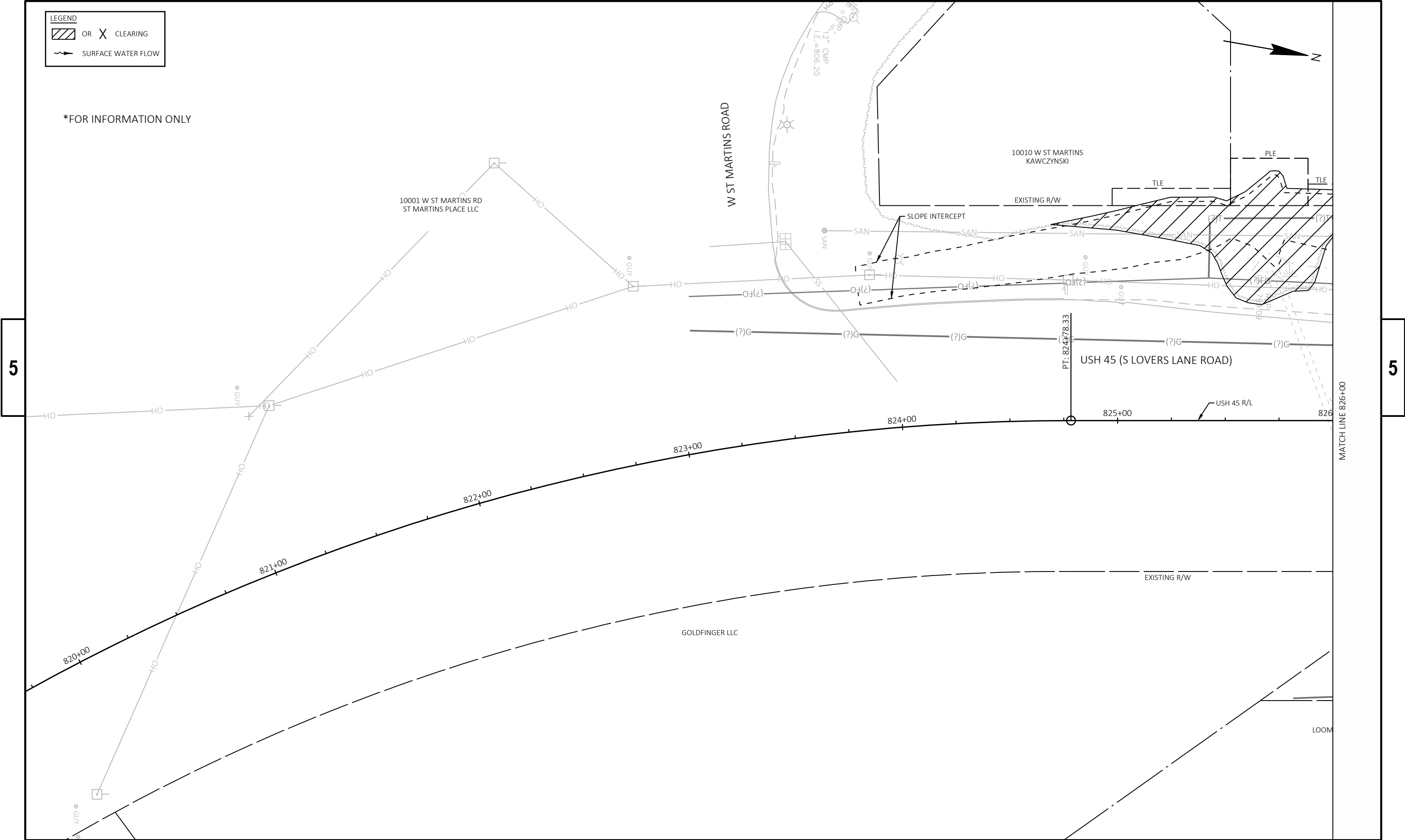
*FOR INFORMATION ONLY

The figure is a technical clearing plan for Site 6, located along STH 190 (W. CAPITOL DR). The plan is oriented horizontally with stationing increasing from left to right, starting at station 45+00 and ending at station 48+75. Key features include:

- Right-of-Way (R/W):** The plan shows the existing right-of-way (EX. R/W) and the right-of-way edge (ROE) line.
- Clearing & Grubbing:** Areas designated for clearing and grubbing are indicated by a pattern of small crosses. Individual trees to be removed are marked with 'X' symbols.
- Utility Structures:** Manholes (MH) and gas valves (GV) are shown along the road alignment.
- Slope Intercept:** A typical slope intercept is indicated by a line labeled 'SLOPE INTERCEPT (TYP.)'.
- Match Lines:** The plan is bounded by match lines at station 45+00 and station 48+75.
- North Arrow:** A north arrow is located in the upper right corner of the plan.

PROJECT NO: 3742-03-70	HWY: STH 100	COUNTY: MILWAUKEE	CLEARING PLAN - SITE 6	SHEET	E
------------------------	--------------	-------------------	------------------------	-------	---

FILE NAME : X:\ML\2021\20210100\DESIGN\TRANSPORTATION\SHEETSP\TREE CLEARING\021101_RM_SIDE ROADS_TREE CLEARING.DWG	PLOT DATE : 7/21/2025 11:51 AM	PLOT BY : STRASSER, JEFFREY	PLOT NAME :	PLOT SCALE : 1 IN=40 FT	WISDOT/CADDs SHEET 42
--	--------------------------------	-----------------------------	-------------	-------------------------	-----------------------



PROJECT NO:	3742-03-70	HWY:	USH 45	COUNTY:	MILWAUKEE	CLEARING PLAN - SITE 7	SHEET	E
-------------	------------	------	--------	---------	-----------	------------------------	-------	---

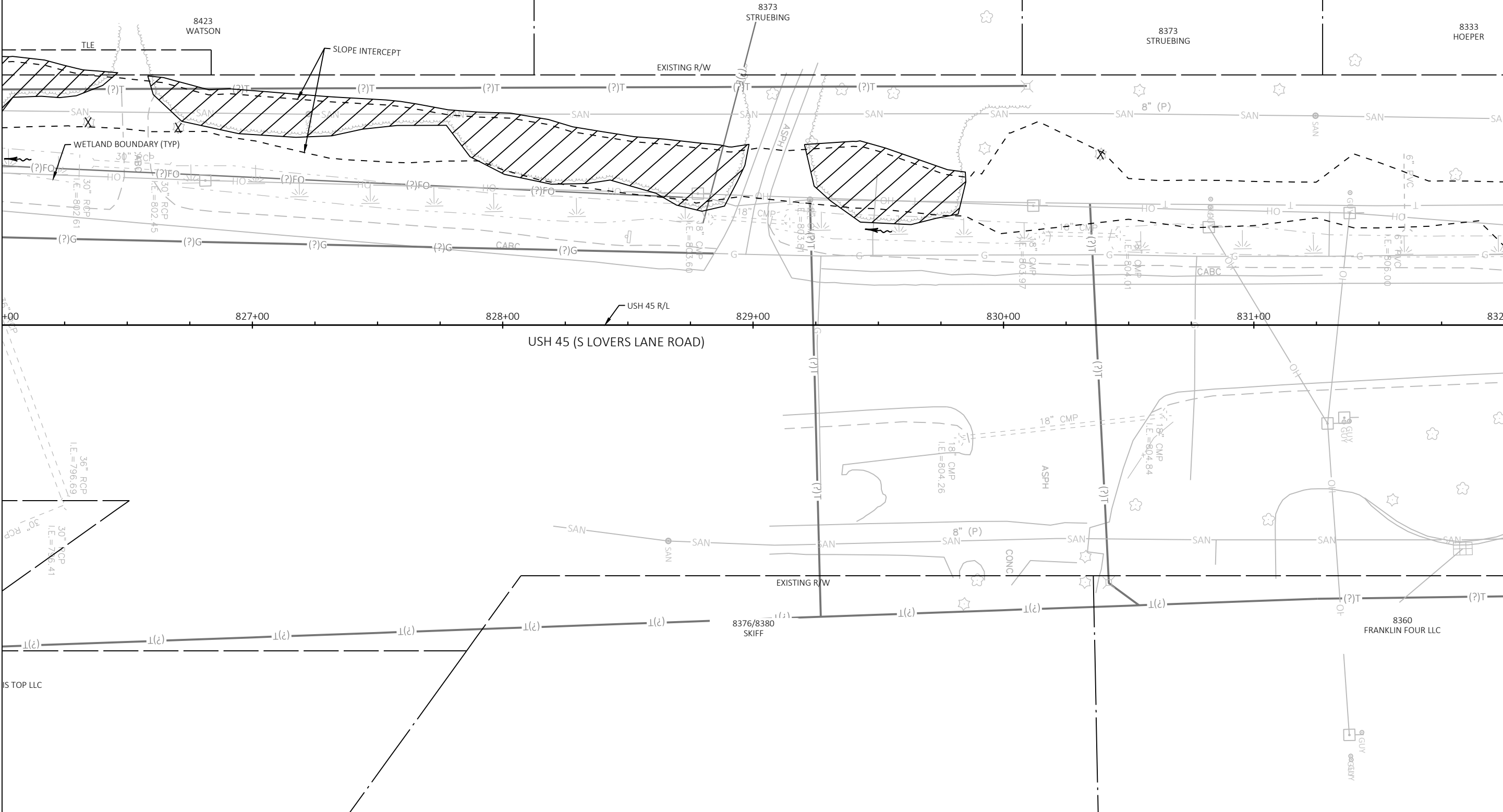
LEGEND

 OR  CLEARING

 SURFACE WATER FLOW



*FOR INFORMATION ONLY



PROJECT NO: 3742-03-70

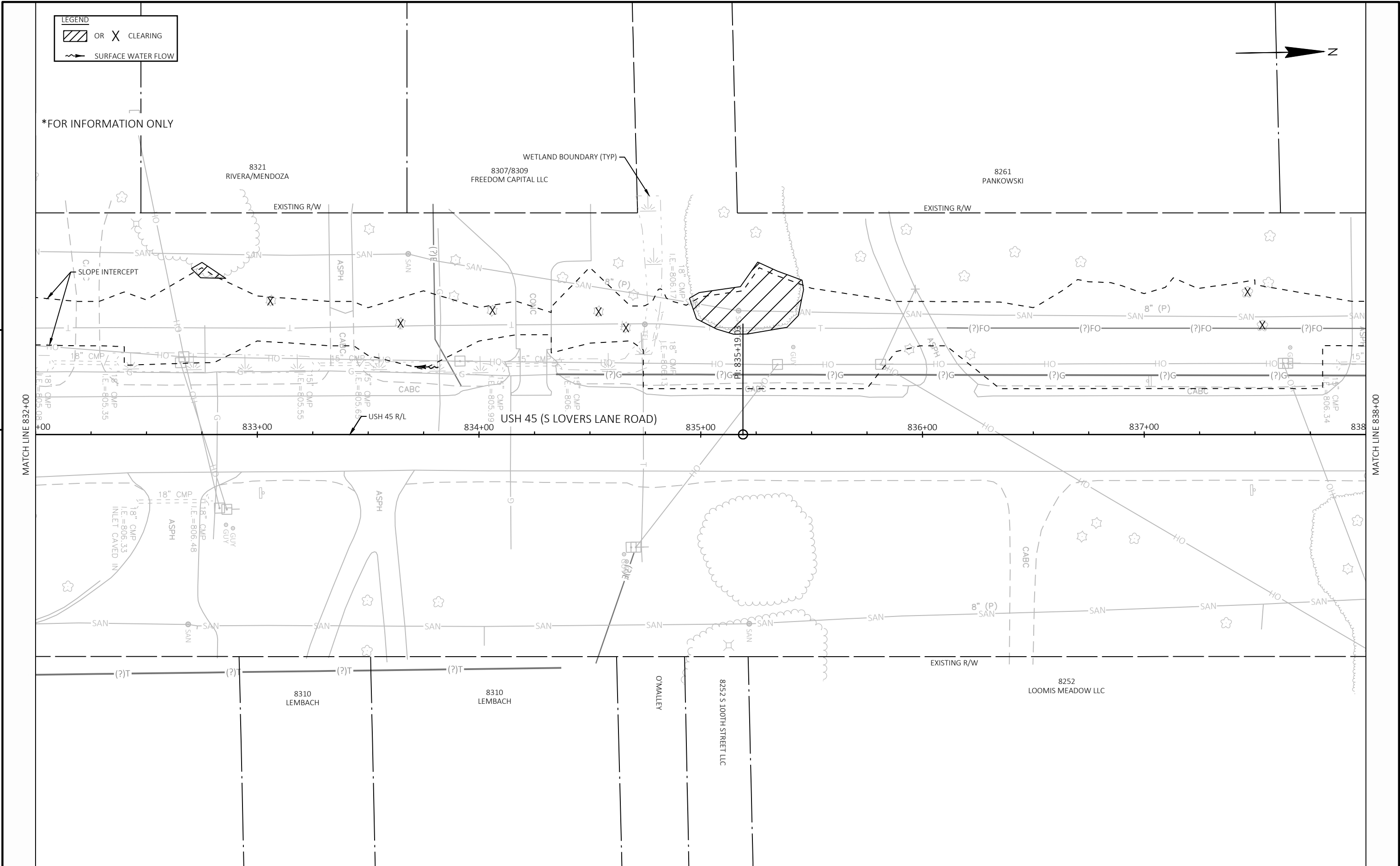
HWY: USH 45

COUNTY: MILWAUKEE

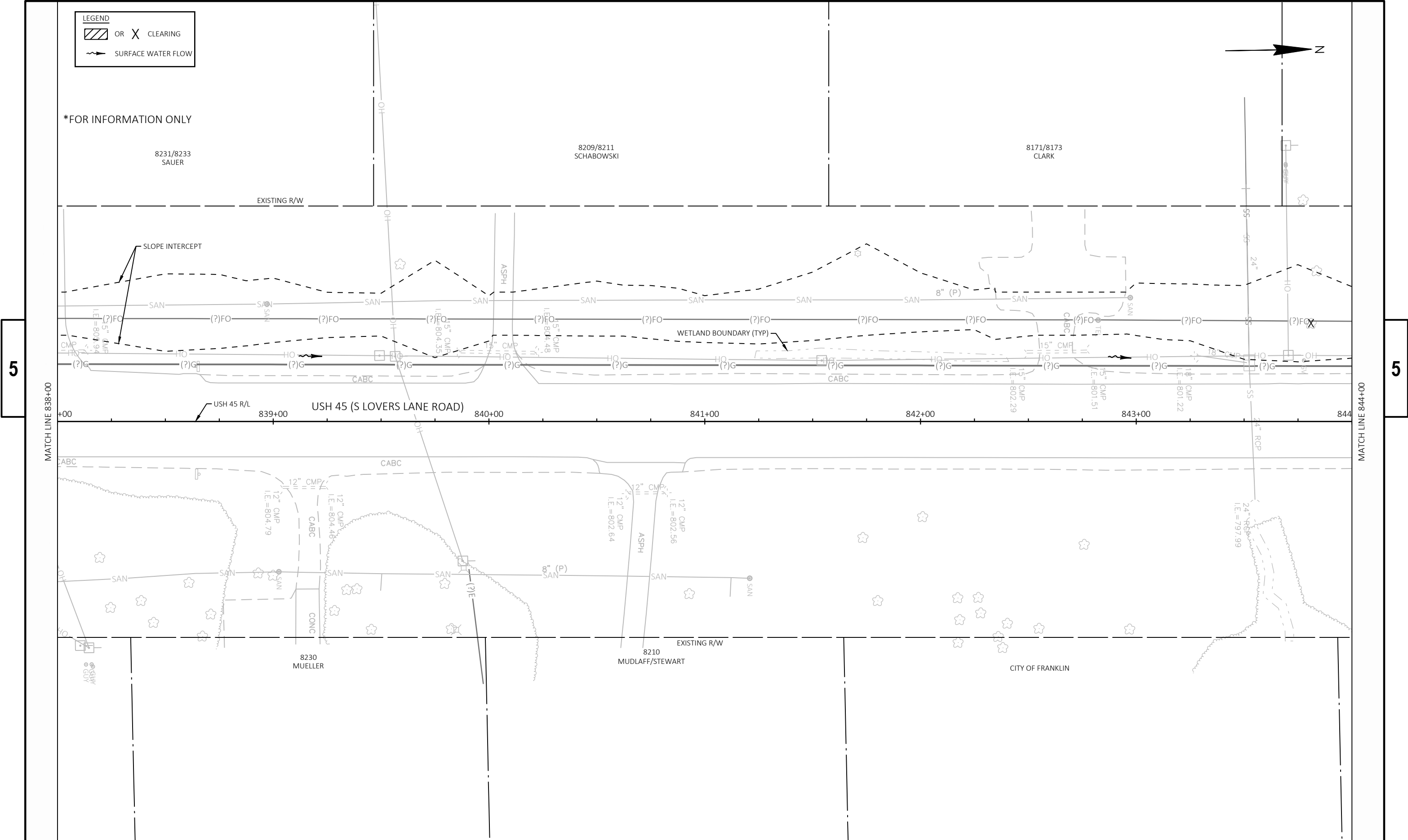
CLEARING PLAN - SITE 7

SHEET

E



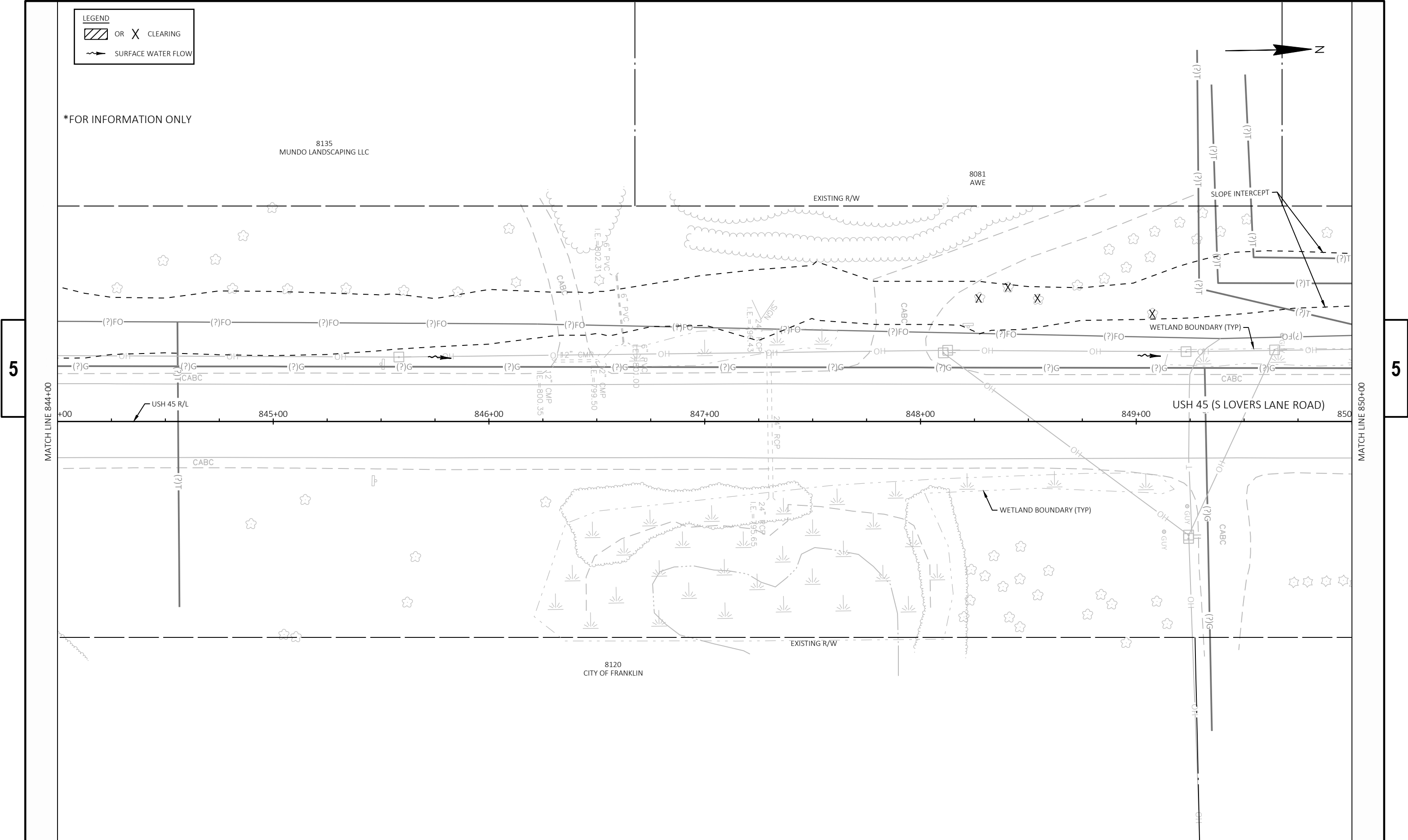
PROJECT NO: 3742-03-70	HWY: USH 45	COUNTY: MILWAUKEE	CLEARING PLAN - SITE 7	SHEET	E
------------------------	-------------	-------------------	------------------------	-------	---



5

5

PROJECT NO: 3742-03-70	HWY: USH 45	COUNTY: MILWAUKEE	CLEARING PLAN - SITE 7	SHEET	E
------------------------	-------------	-------------------	------------------------	-------	---



LEGEND

 OR  CLEARING

 SURFACE WATER FLOW

*FOR INFORMATION ONLY

8135
MUNDO LANDSCAPING LLC

8081
AWE

EXISTING R/W

SLOPE INTERCEPT

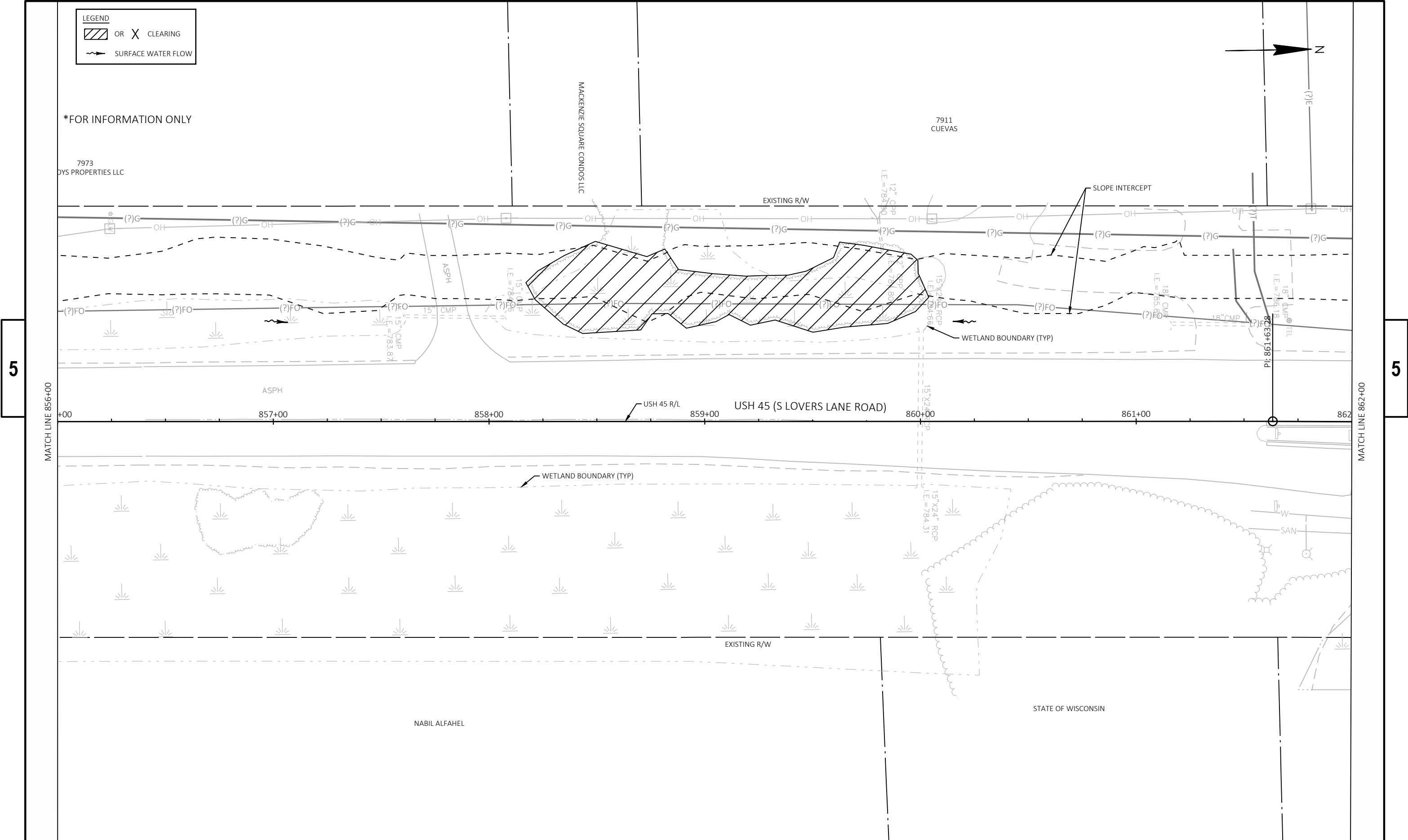
WETLAND BOUNDARY (TYP)

USH 45 (S LOVERS LANE ROAD)

EXISTING R/W

8120
CITY OF FRANKLIN

PROJECT NO: 3742-03-70	HWY: USH 45	COUNTY: MILWAUKEE	CLEARING PLAN - SITE 7	SHEET	E
------------------------	-------------	-------------------	------------------------	-------	---



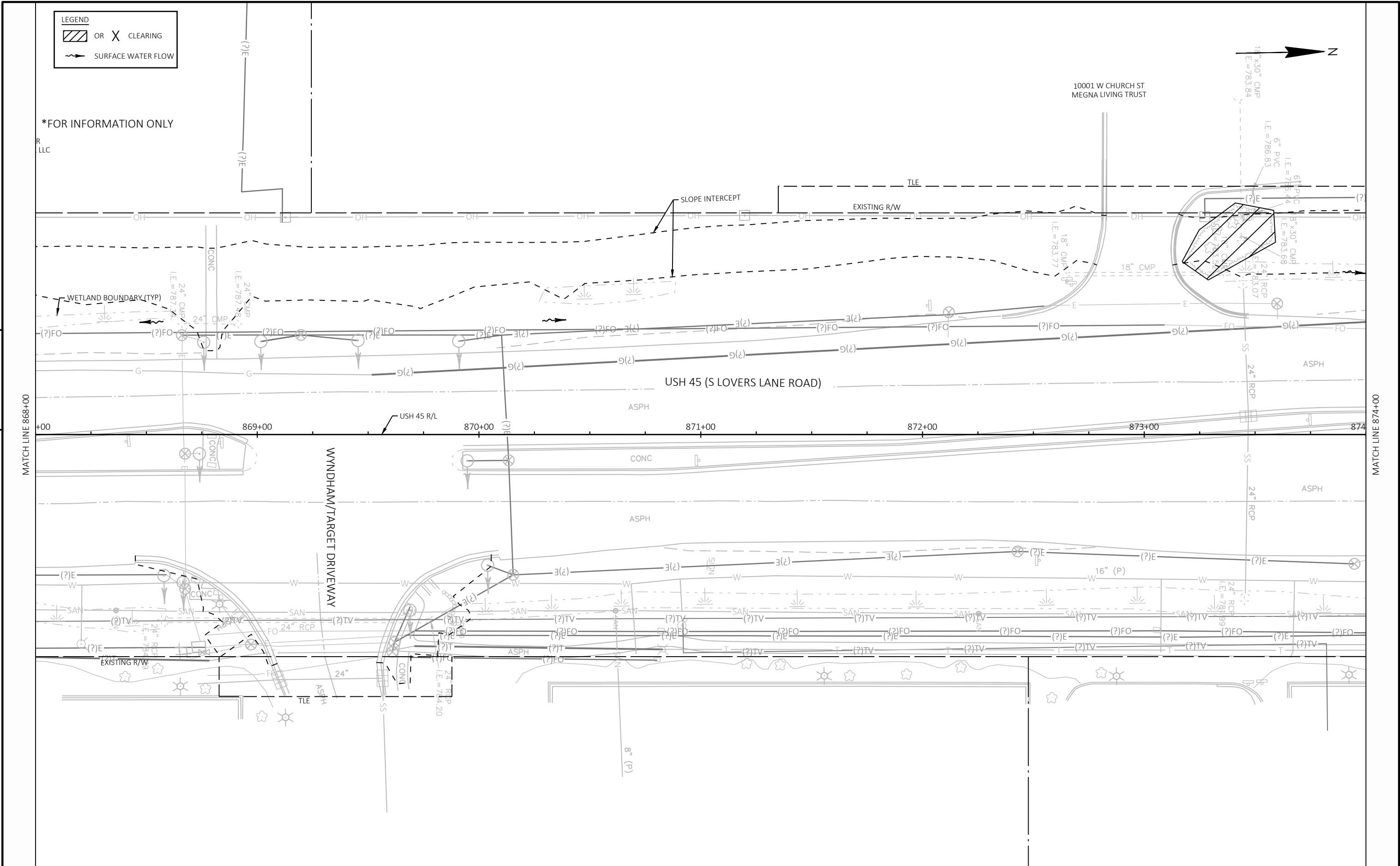
5

5

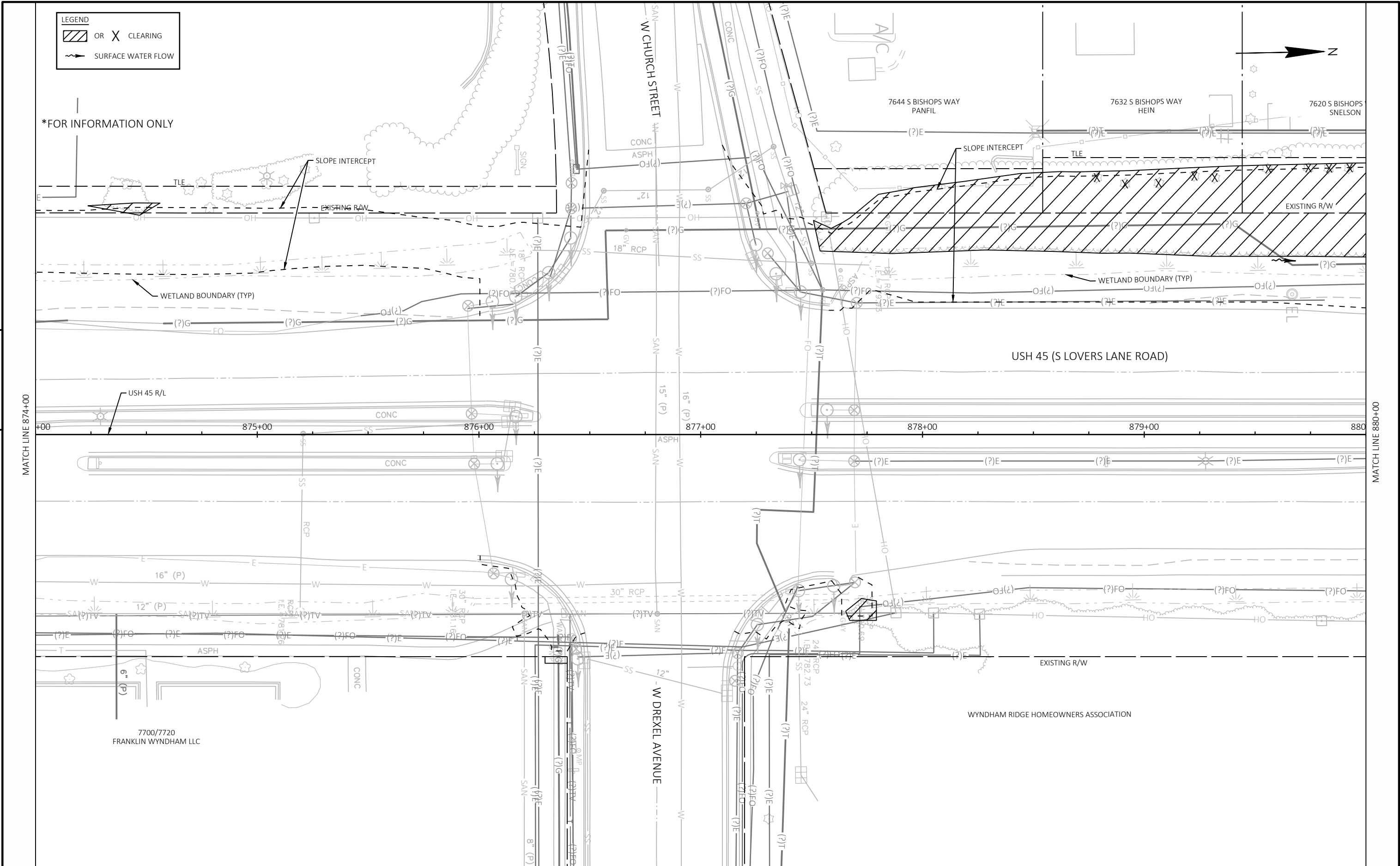


5

5



PROJECT NO: 3742-03-70	HWY: USH 45	COUNTY: MILWAUKEE	CLEARING PLAN - SITE 7	SHEET	E
------------------------	-------------	-------------------	------------------------	-------	---



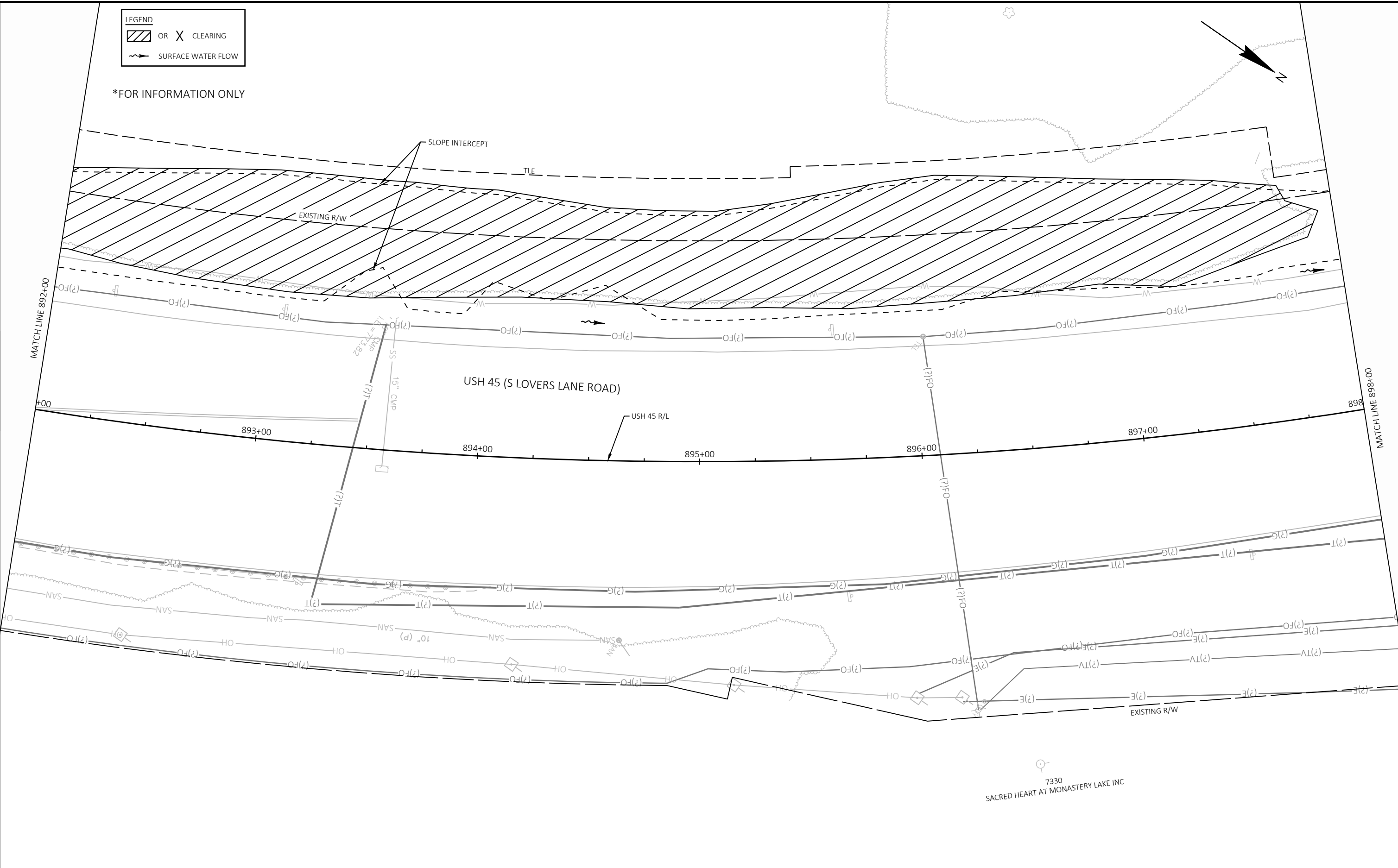
PROJECT NO: 3742-03-70	HWY: USH 45	COUNTY: MILWAUKEE	CLEARING PLAN - SITE 7	SHEET	E
------------------------	-------------	-------------------	------------------------	-------	---

LEGEND

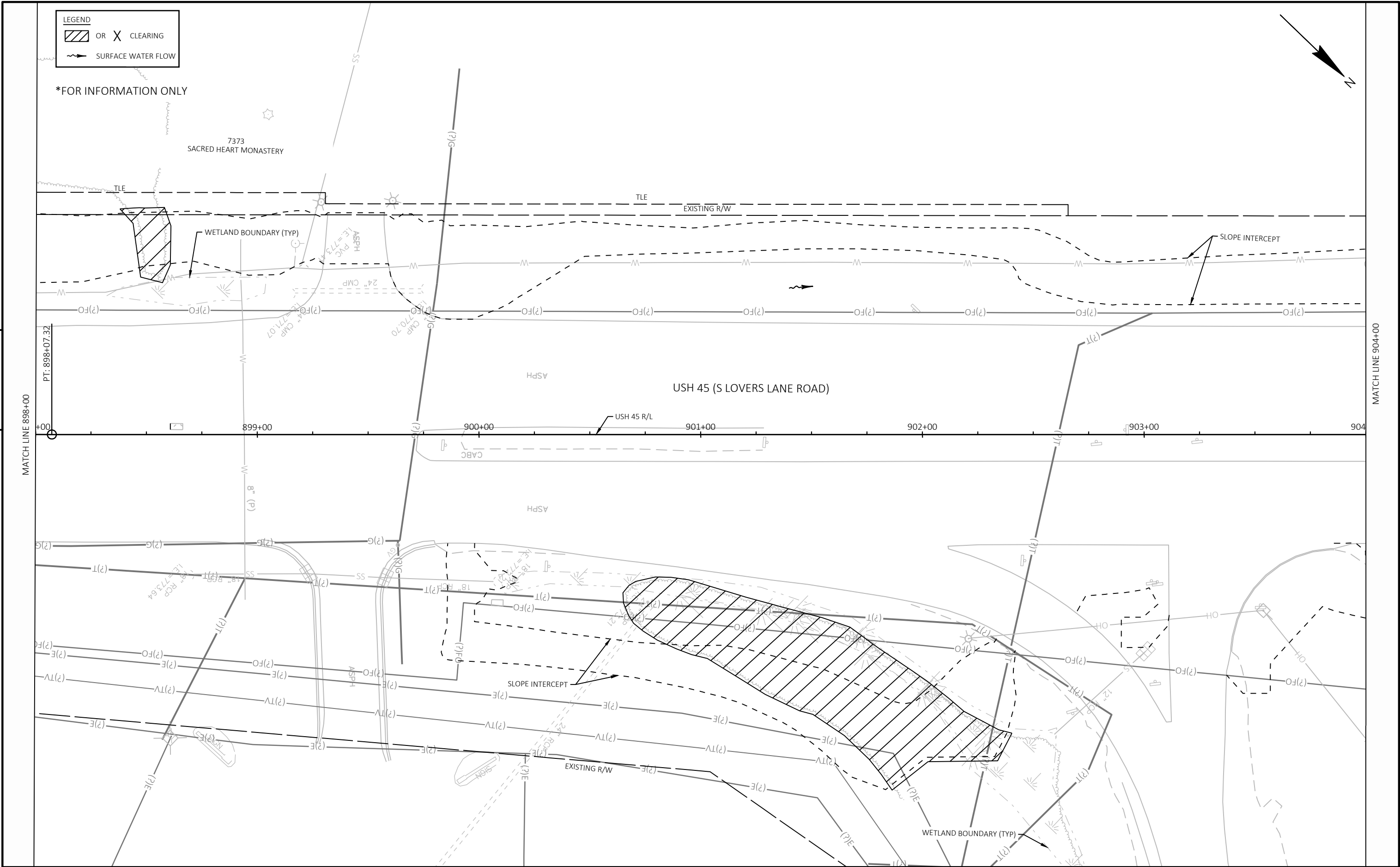
 OR  CLEARING

 SURFACE WATER FLOW

*FOR INFORMATION ONLY



PROJECT NO:	3742-03-70	HWY:	USH 45	COUNTY:	MILWAUKEE	CLEARING PLAN - SITE 7	SHEET	E
-------------	------------	------	--------	---------	-----------	------------------------	-------	---



LEGEND

 OR  CLEARING

 SURFACE WATER FLOW

*FOR INFORMATION ONLY

PROJECT NO: 3742-03-70	HWY: USH 45	COUNTY: MILWAUKEE	CLEARING PLAN - SITE 7	SHEET	E
------------------------	-------------	-------------------	------------------------	-------	---

5

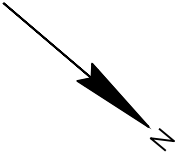
*FOR INFORMATION ONLY

LEGEND

OR

X

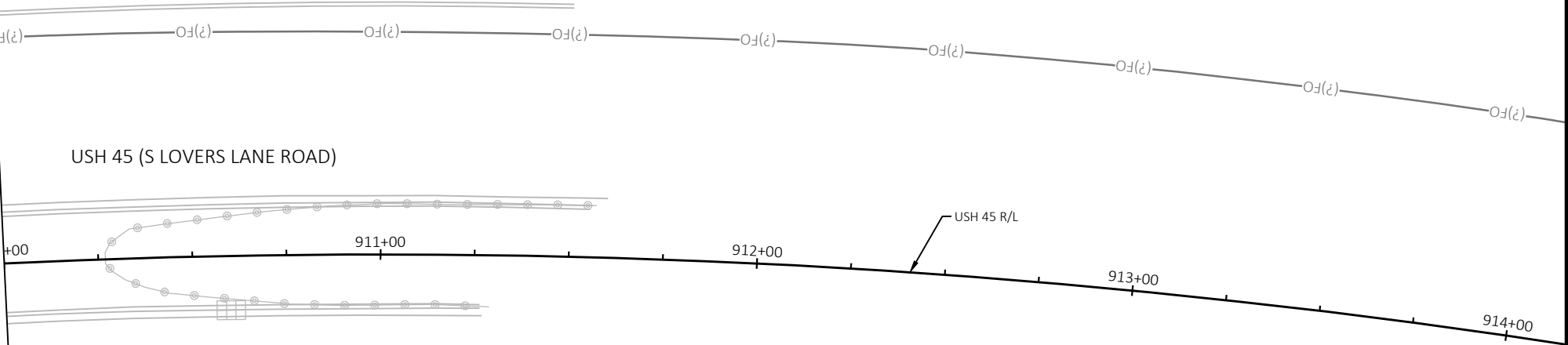
 CLEARING

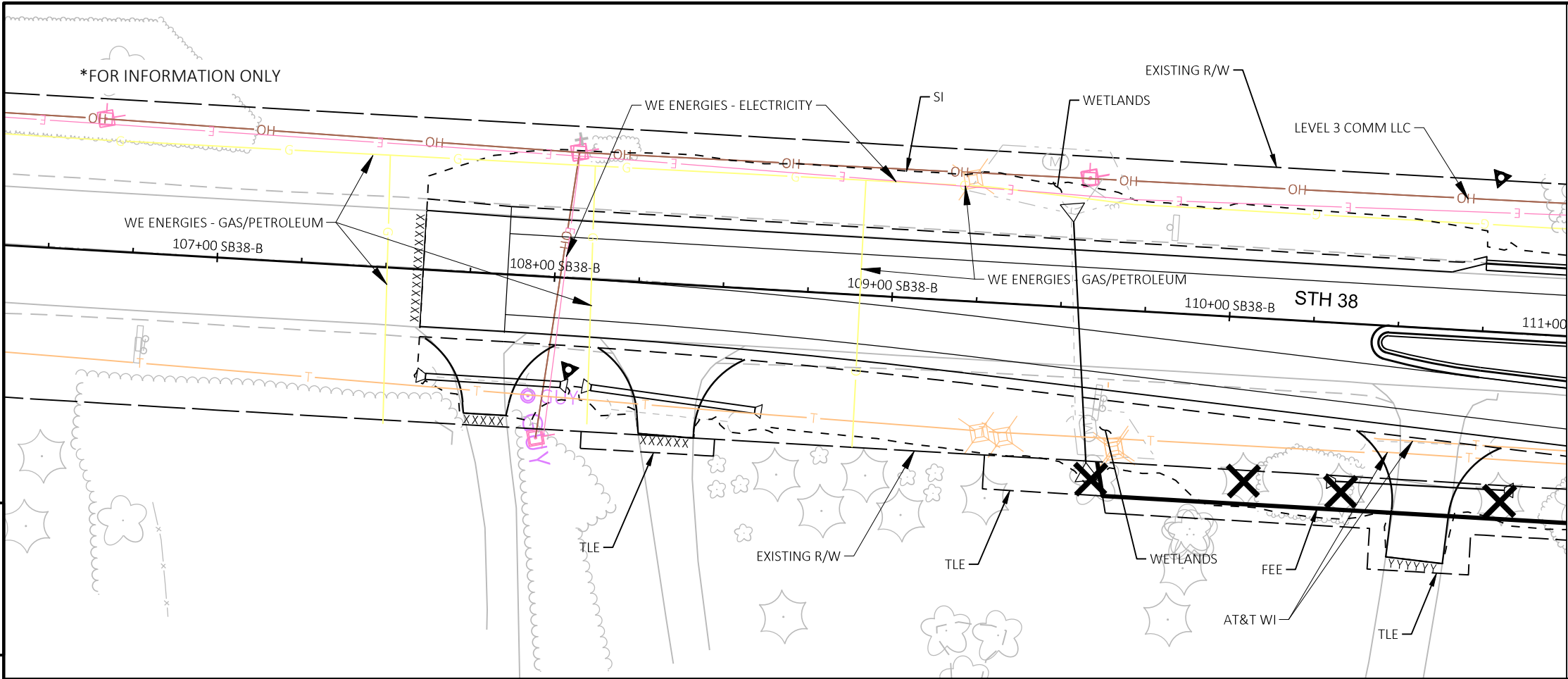
 SURFACE WATER FLOW

5

MATCH LINE 910+00

USH 45 (S LOVERS LANE ROAD)



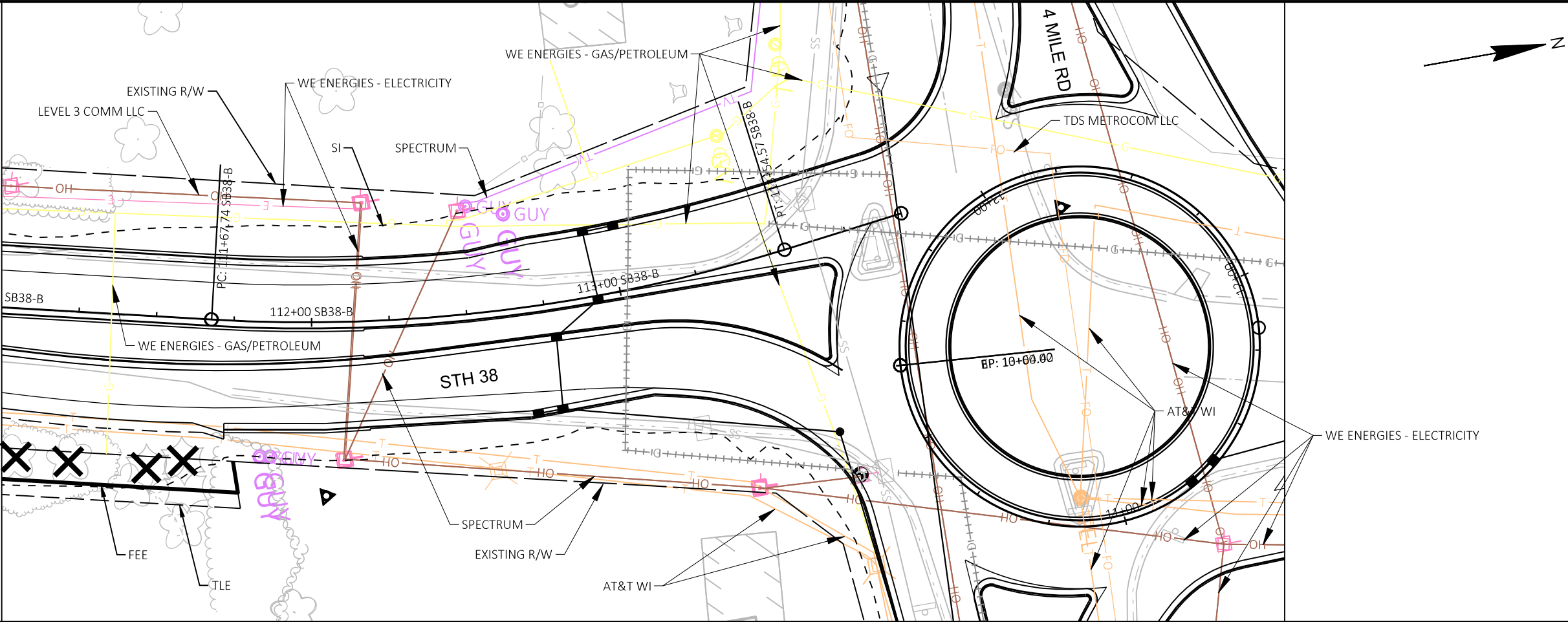


LEGEND

X CLEARING (INDIVIDUAL TREE)

 CLEARING (STATION)

*FOR INFORMATION ONLY

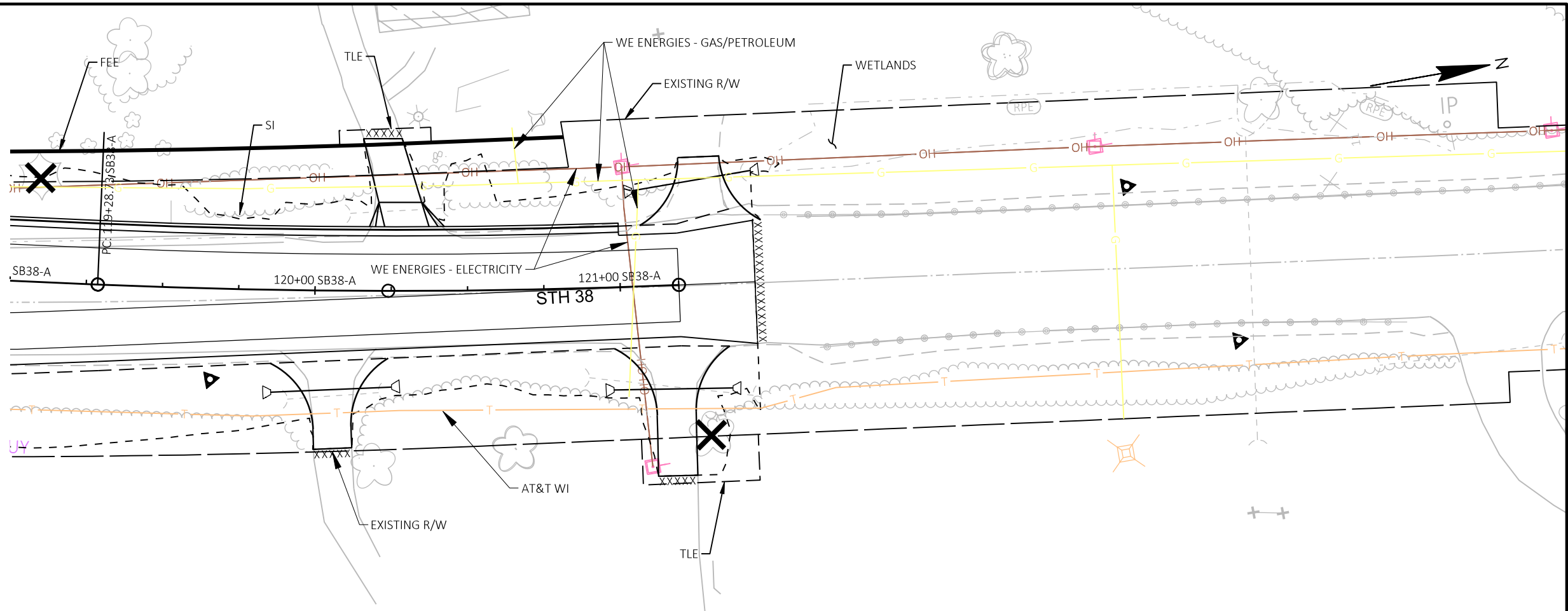


LEGEND

X CLEARING (INDIVIDUAL TREE)

 CLEARING (STATION)

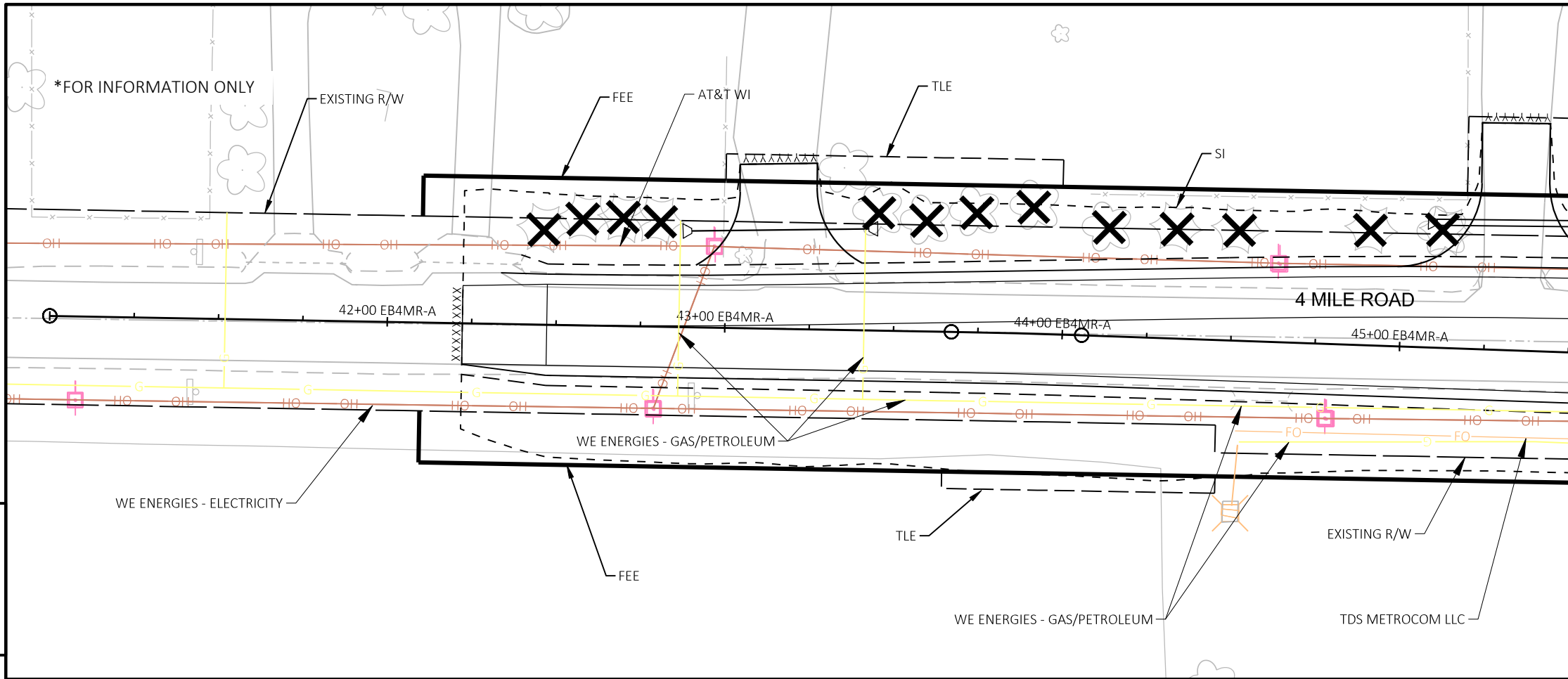
*FOR INFORMATION ONLY



LEGEND

X CLEARING (INDIVIDUAL TREE)

 CLEARING (STATION)



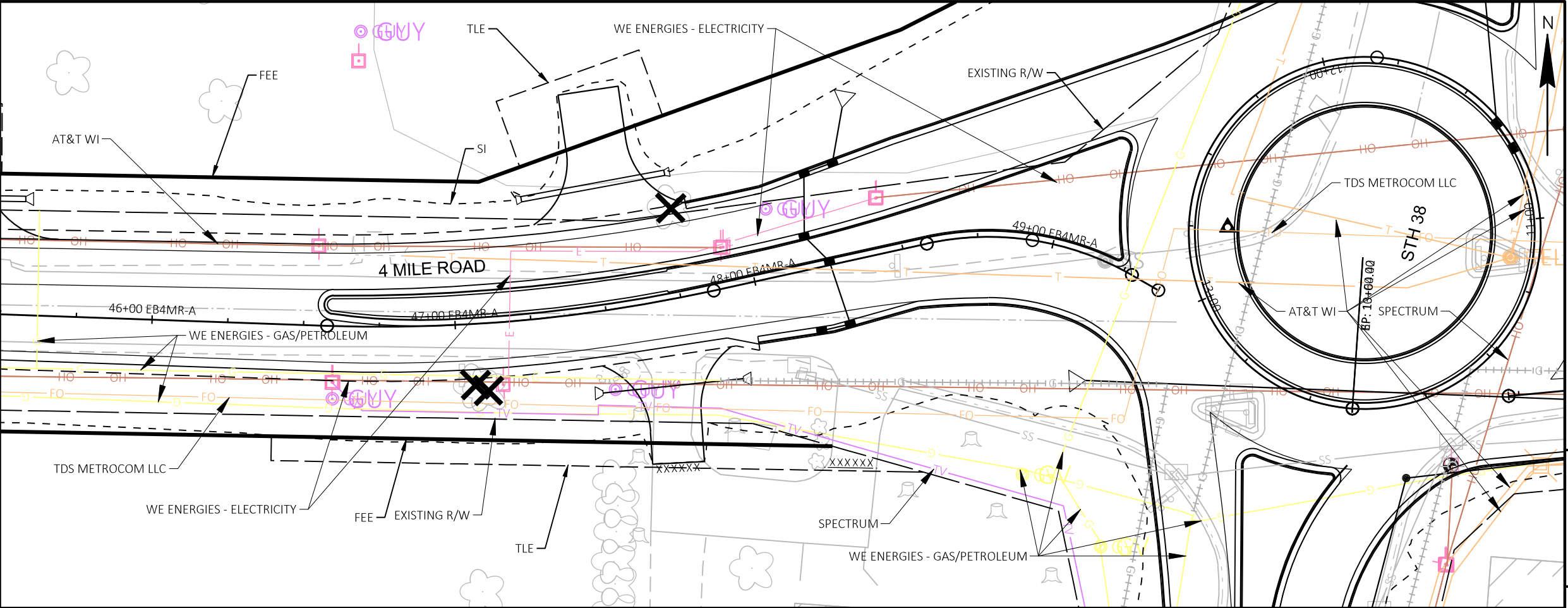
LEGEND

X

CLEARING (INDIVIDUAL TREE)

CLEARING (STATION)

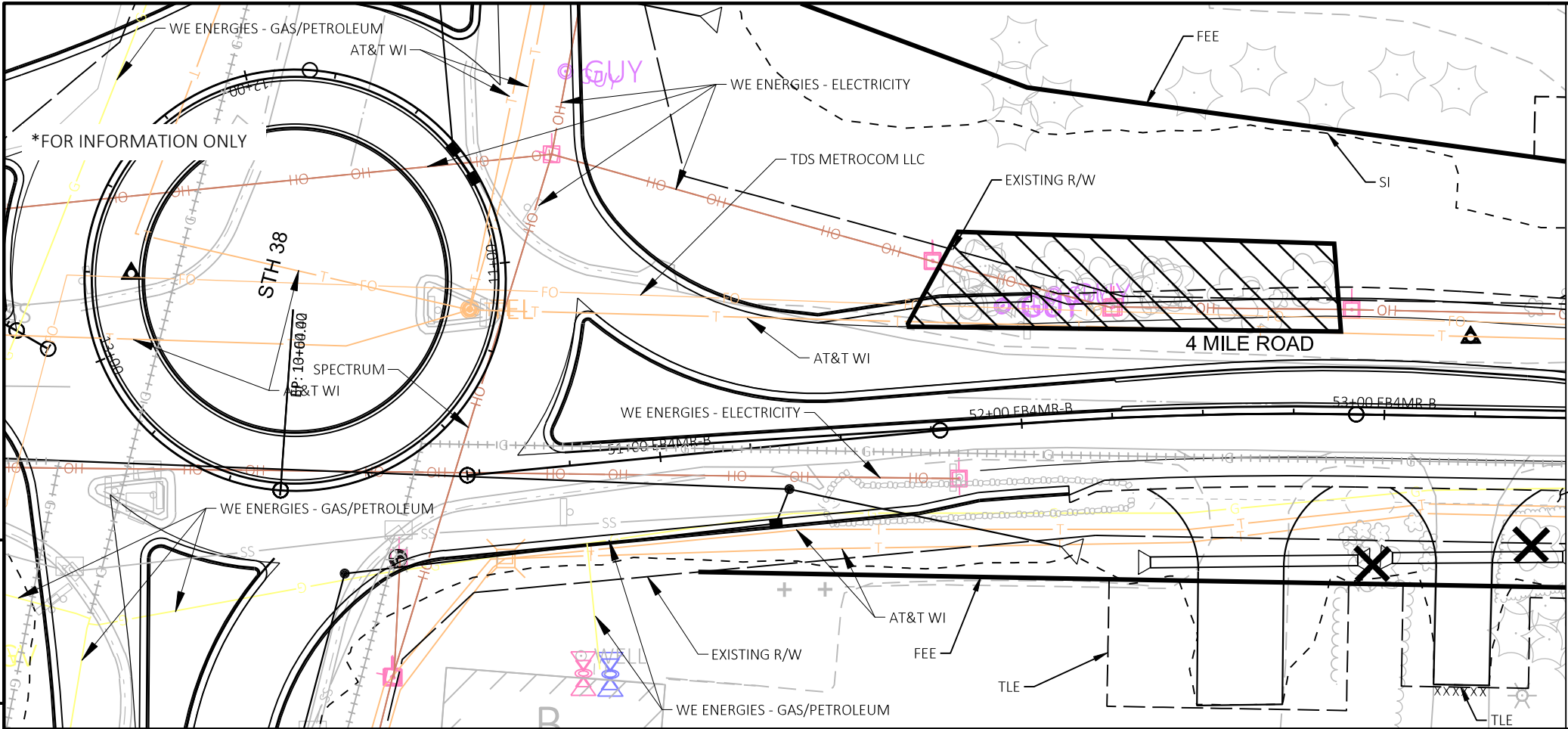
*FOR INFORMATION ONLY



LEGEND

X CLEARING (INDIVIDUAL TREE)

 CLEARING (STATION)

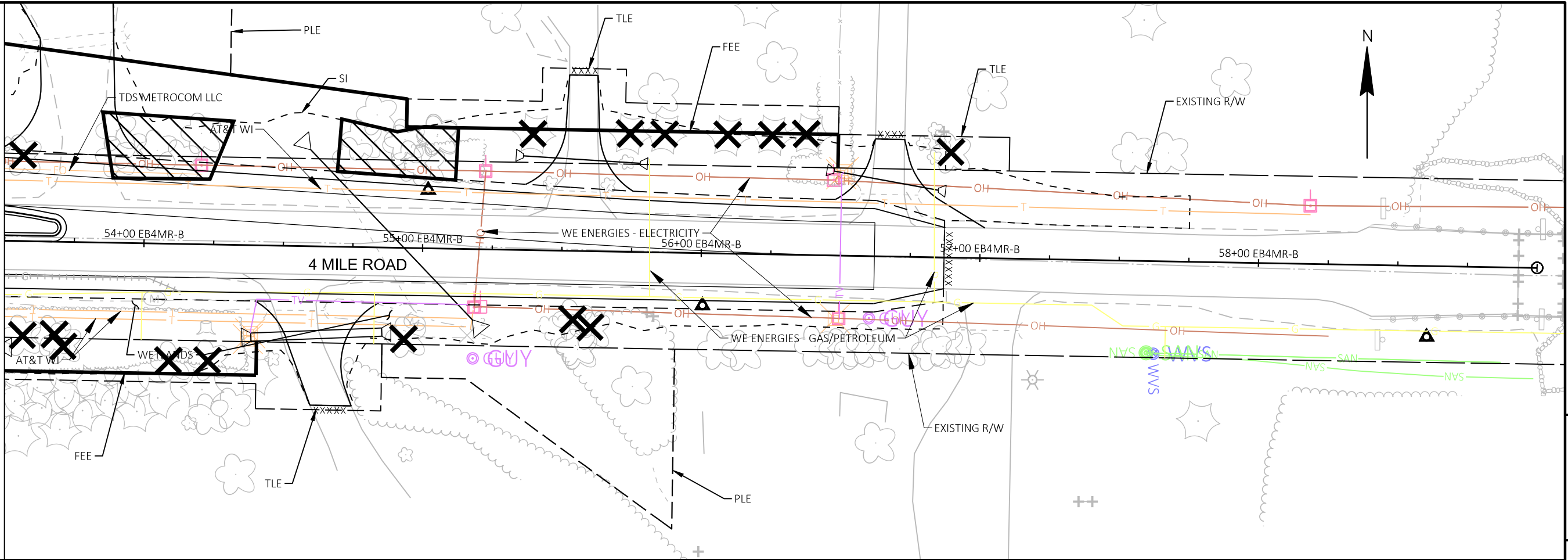


LEGEND

X CLEARING (INDIVIDUAL TREE)

 CLEARING (STATION)

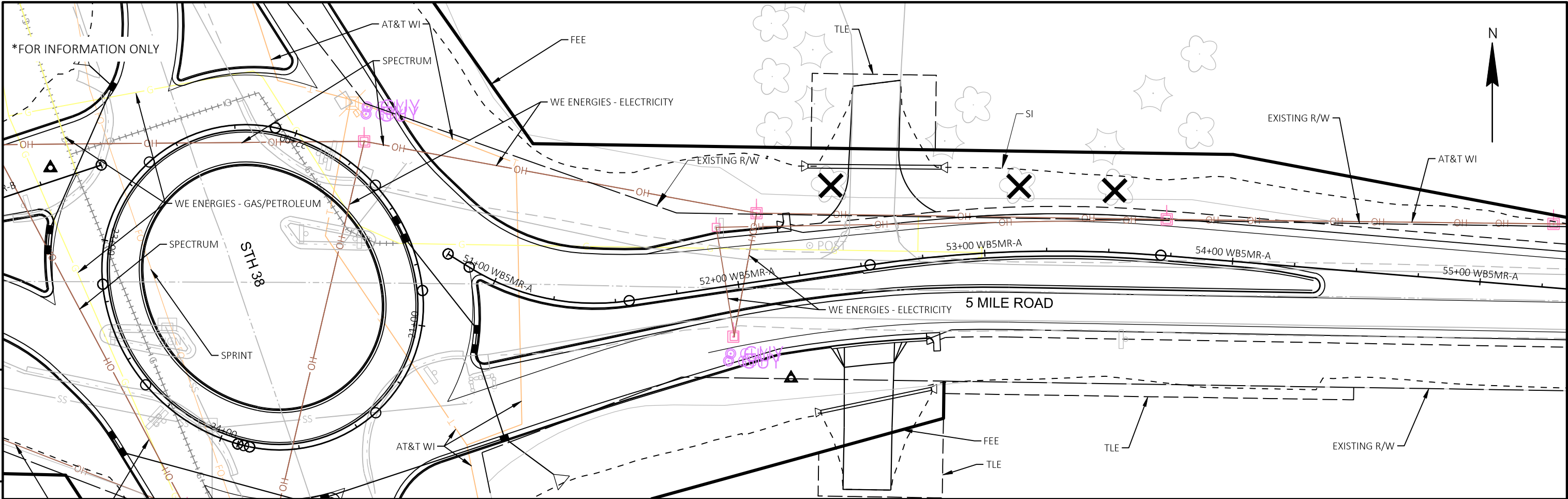
*FOR INFORMATION ONLY



LEGEND

X CLEARING (INDIVIDUAL TREE)

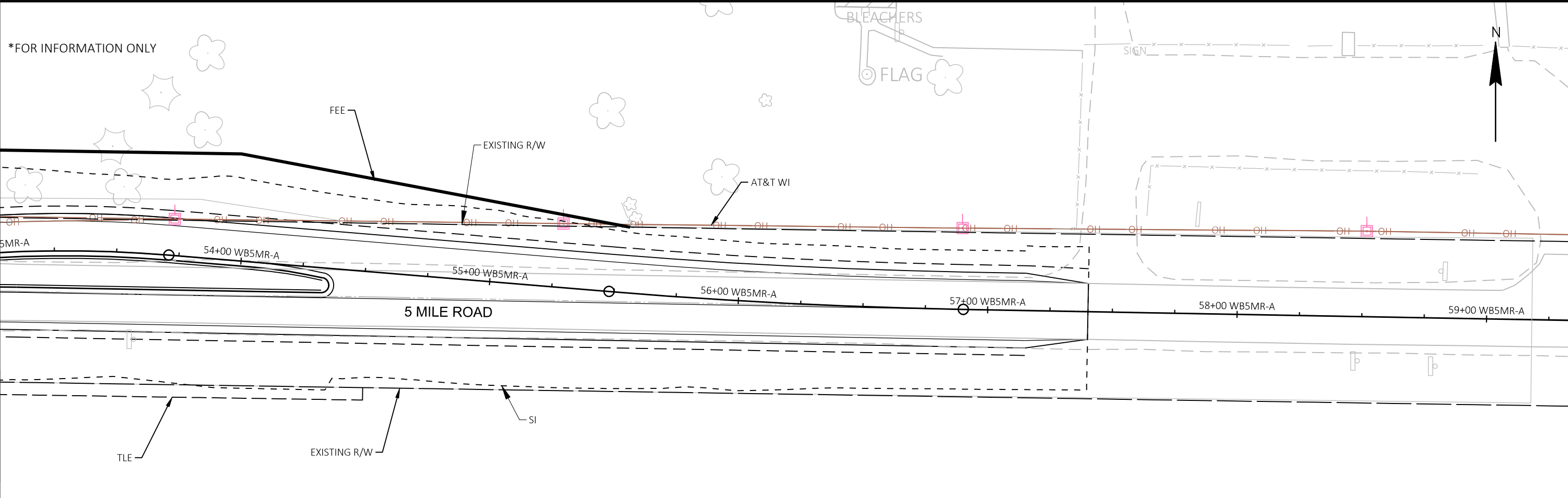
 CLEARING (STATION)



LEGEND

X CLEARING (INDIVIDUAL TREE)

 CLEARING (STATION)

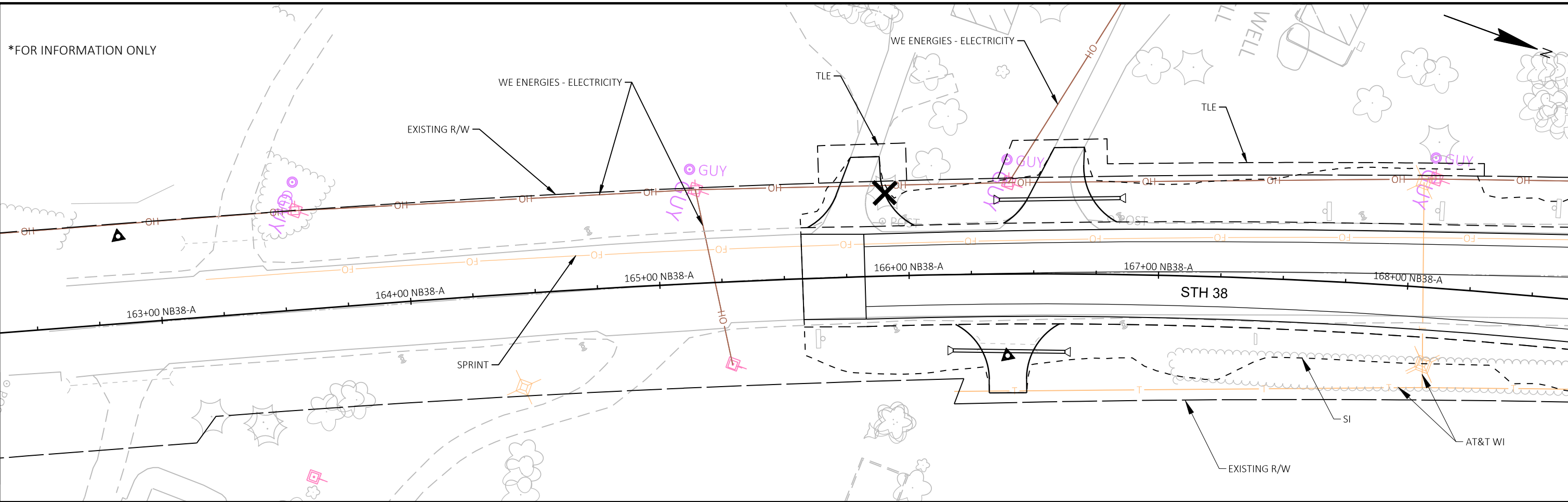


LEGEND

X CLEARING (INDIVIDUAL TREE)

 CLEARING (STATION)

*FOR INFORMATION ONLY

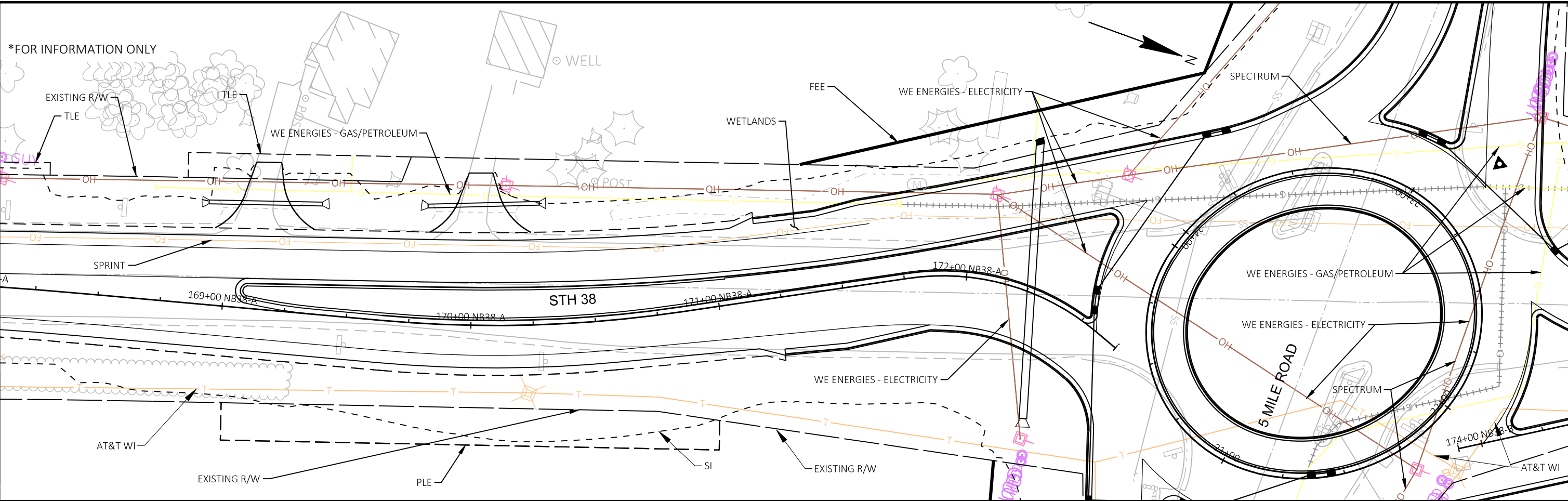


LEGEND

X

CLEARING (INDIVIDUAL TREE)

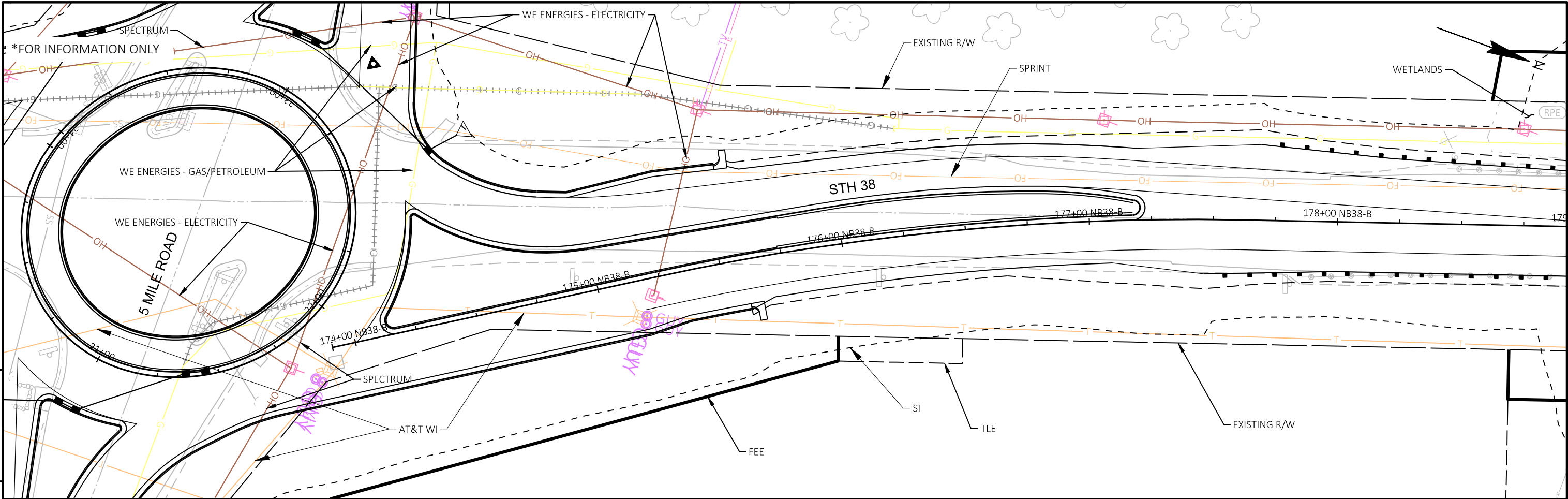
CLEARING (STATION)



LEGEND

X CLEARING (INDIVIDUAL TREE)

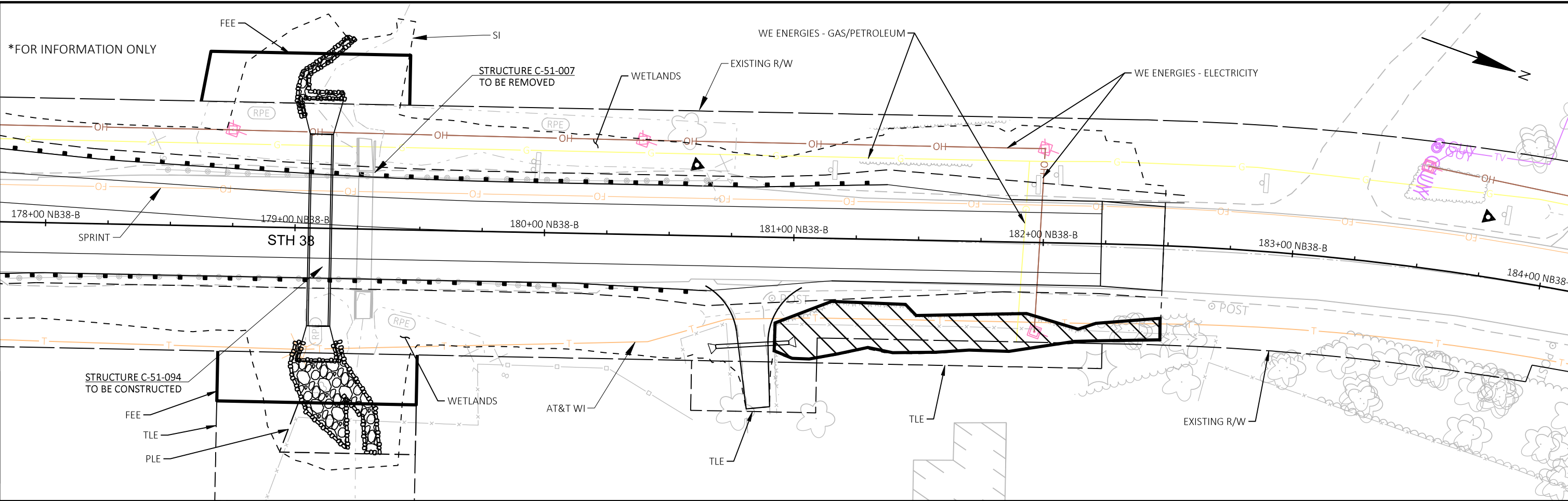
 CLEARING (STATION)



LEGEND

X CLEARING (INDIVIDUAL TREE)

 CLEARING (STATION)



LEGEND

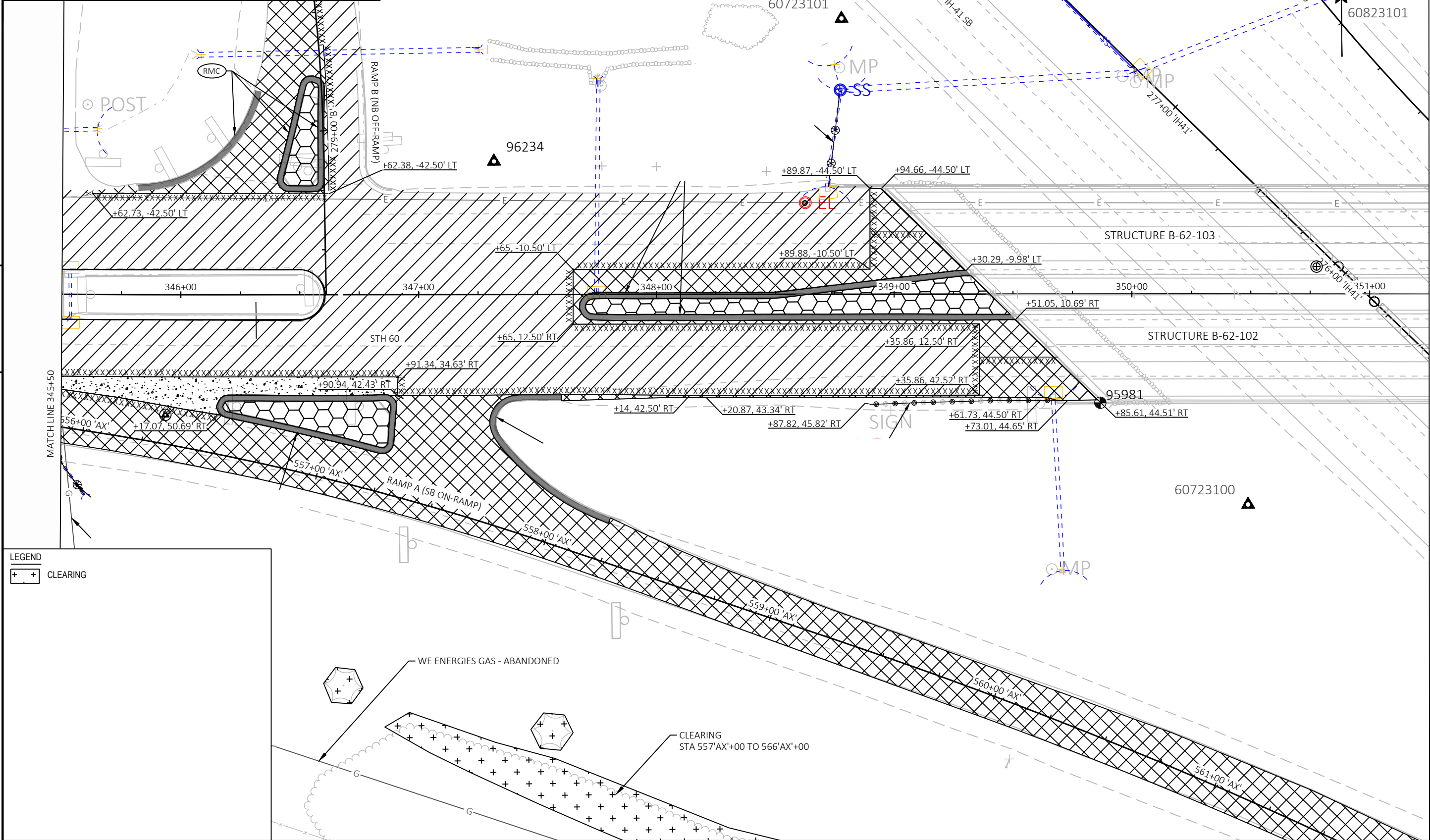
X CLEARING (INDIVIDUAL TREE)

 CLEARING (STATION)

LEGEND

SAN EXISTING UTILITIES SHOWN IN GRAY ARE APPROXIMATE LOCATIONS BASED ON SYSTEM MAPS

SAN EXISTING UTILITIES SHOWN IN COLOR WERE SURVEYED BASED ON FIELD MARKINGS

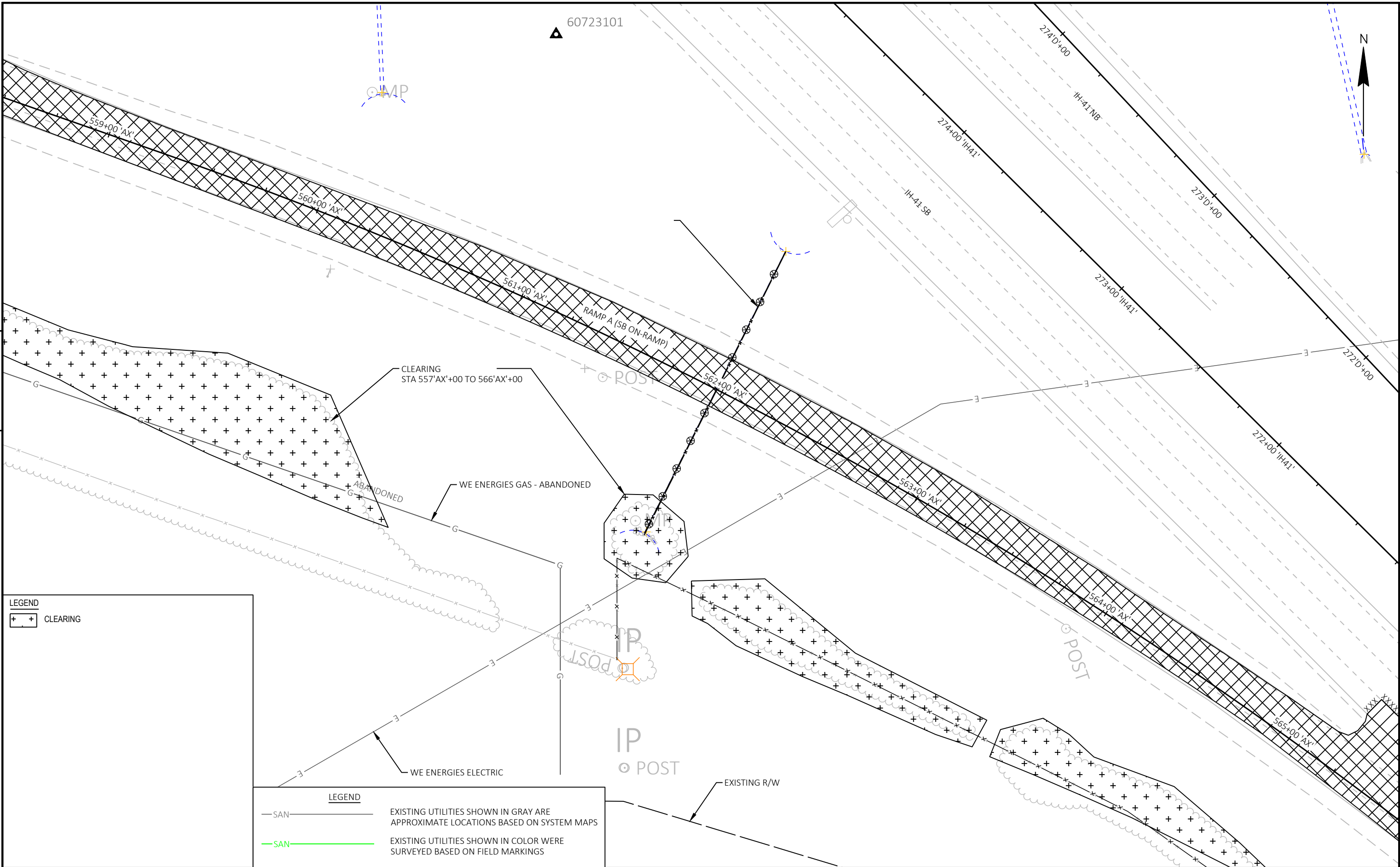


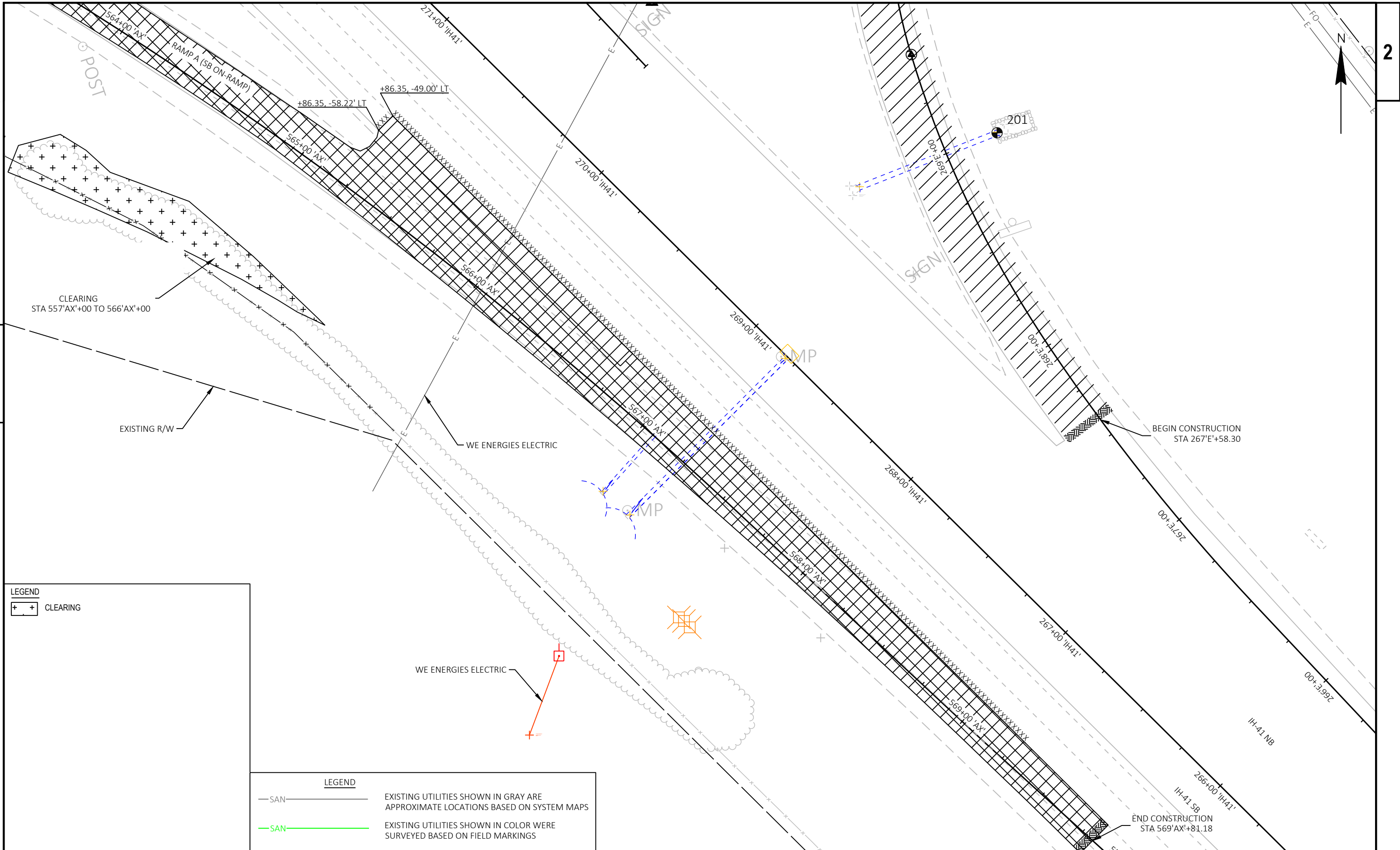
LEGEND

+ + CLEARING

WE ENERGIES GAS - ABANDONED

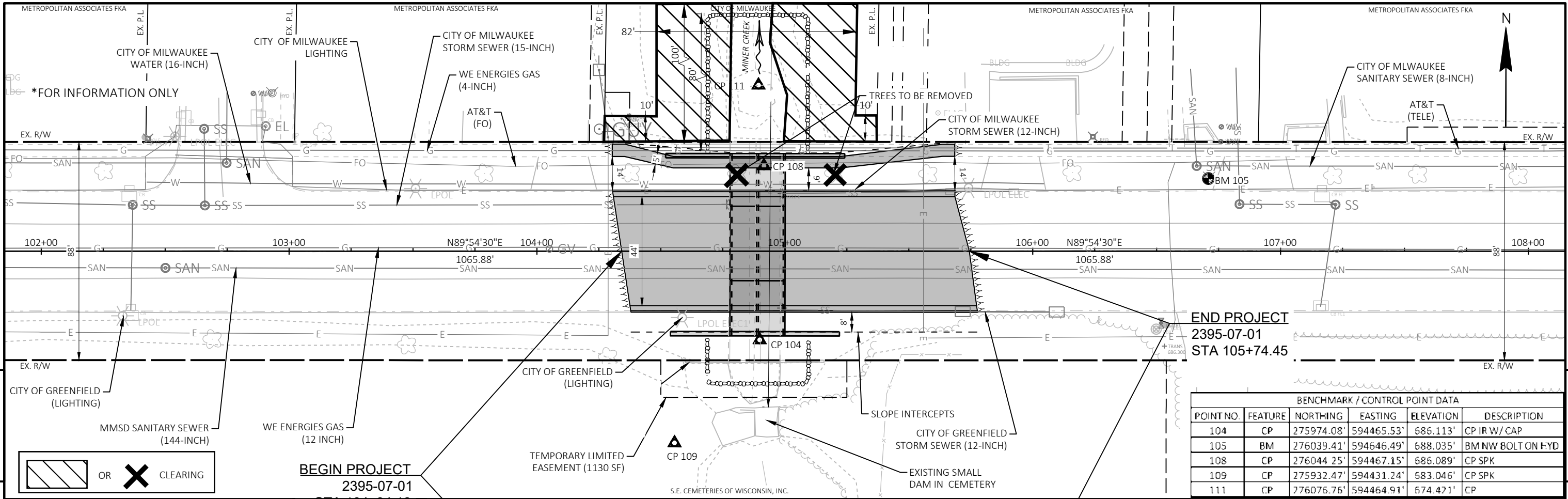
CLEARING STA 557'AX'+00 TO 566'AX'+00





5

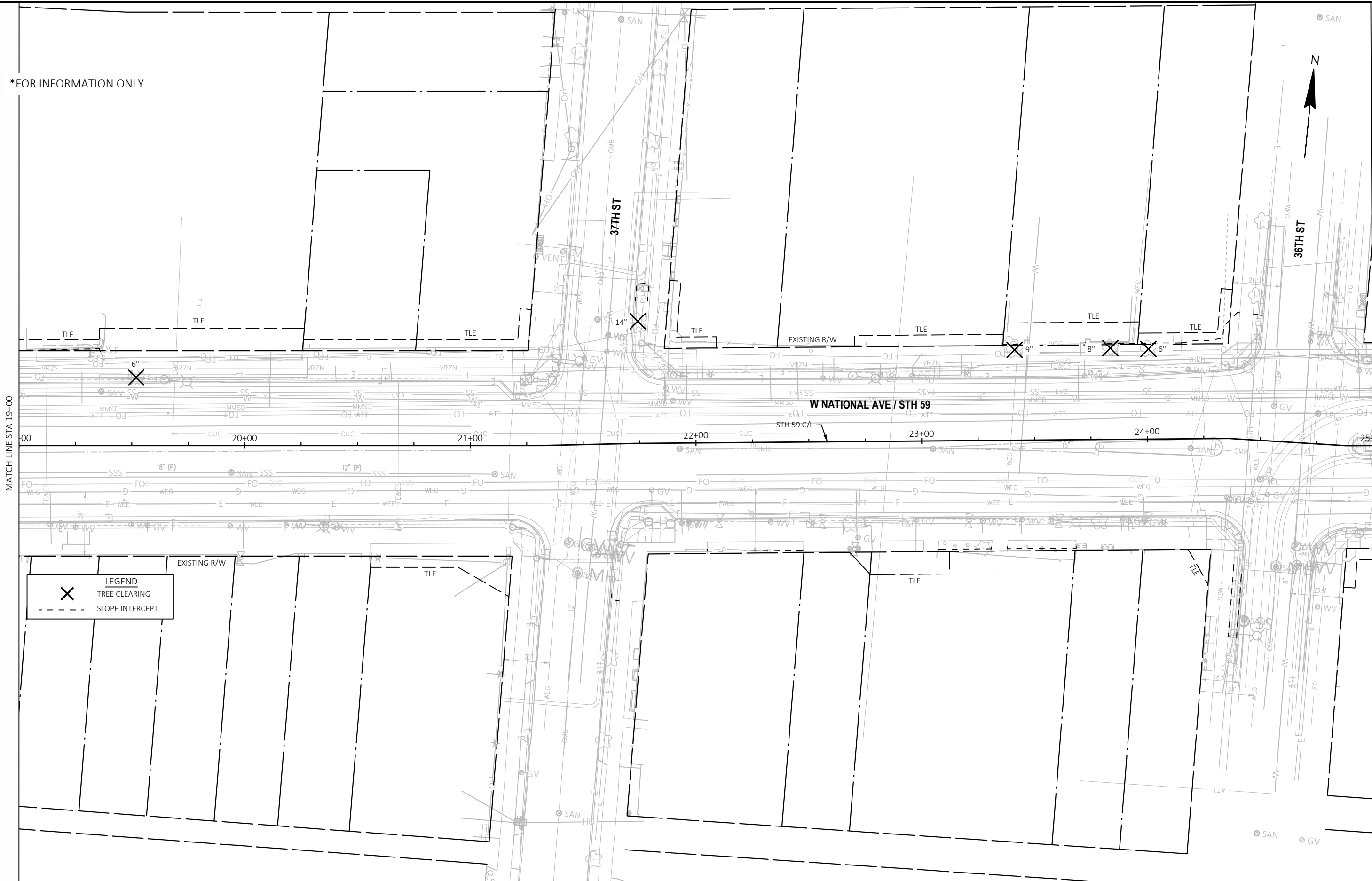
2



*FOR INFORMATION ONLY

5

MATCH LINE STA 19+00



5

MATCH LINE STA 25+00

PROJECT NO: 3742-03-70

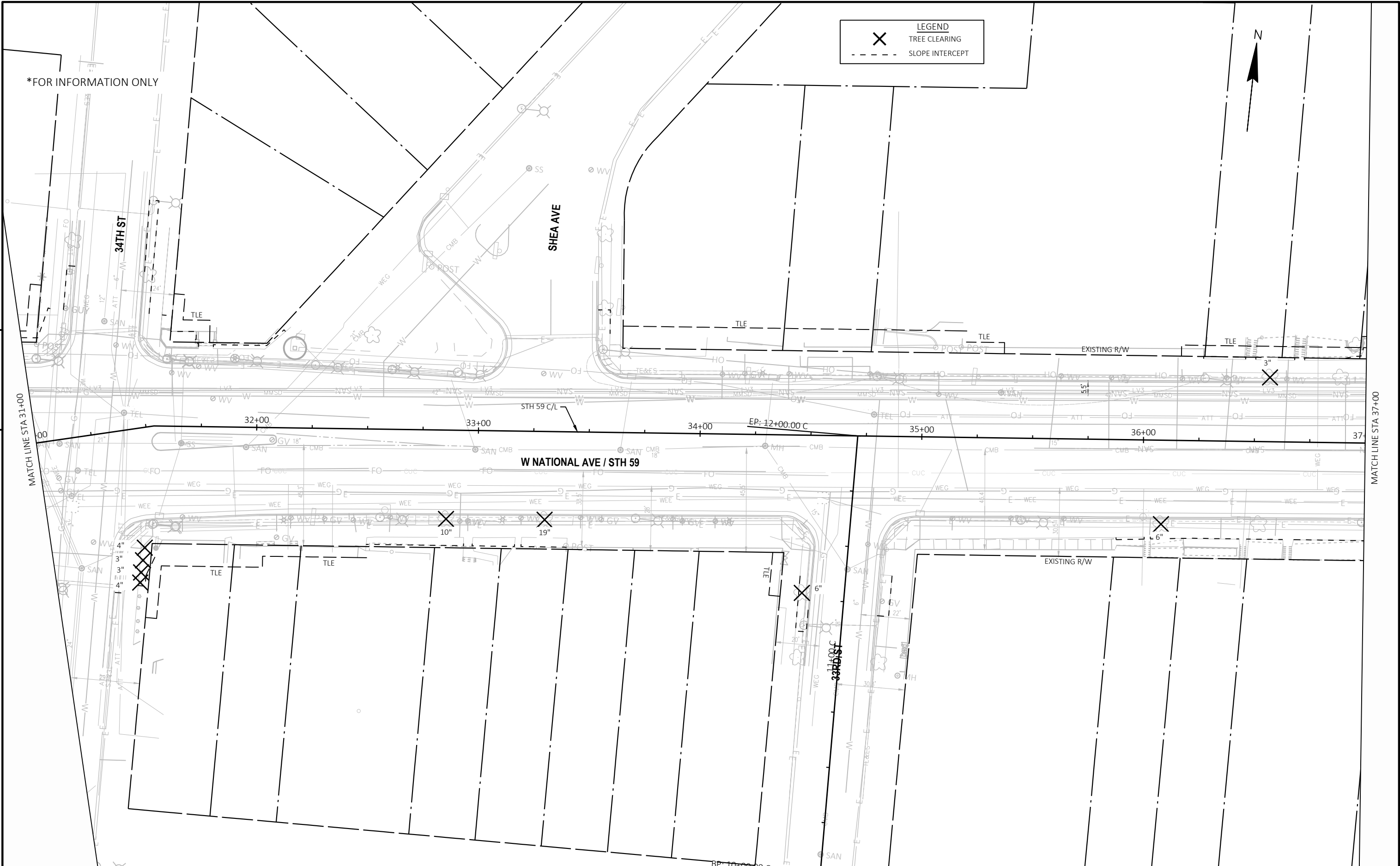
HWY: STH 59

COUNTY: MILWAUKEE

CLEARING PLAN - SITE 14

SHEET

E



*FOR INFORMATION ONLY

LEGEND
X TREE CLEARING
- - - SLOPE INTERCEPT

N

5

5

MATCH LINE STA 31+00

MATCH LINE STA 37+00

W NATIONAL AVE / STH 59

PROJECT NO: 3742-03-70

HWY: STH 59

COUNTY: MILWAUKEE

CLEARING PLAN - SITE 14

SHEET

E

FILE NAME : T:\1210018.02\CIVIL3D\24101000\SHETSPLAN\IDIQ\021101-RM.DWG
LAYOUT NAME - 04

PLOT DATE : 6/26/2025 3:16 PM

PLOT BY : AXT, ANDREW

PLOT NAME :

PLOT SCALE : 1 IN=40 FT

WISDOT/CADDs SHEET 44

5

*FOR INFORMATION ONLY

LEGEND

✕ TREE CLEARING

- - - SLOPE INTERCEPT



5

MATCH LINE STA 37+00

MATCH LINE STA 43+00

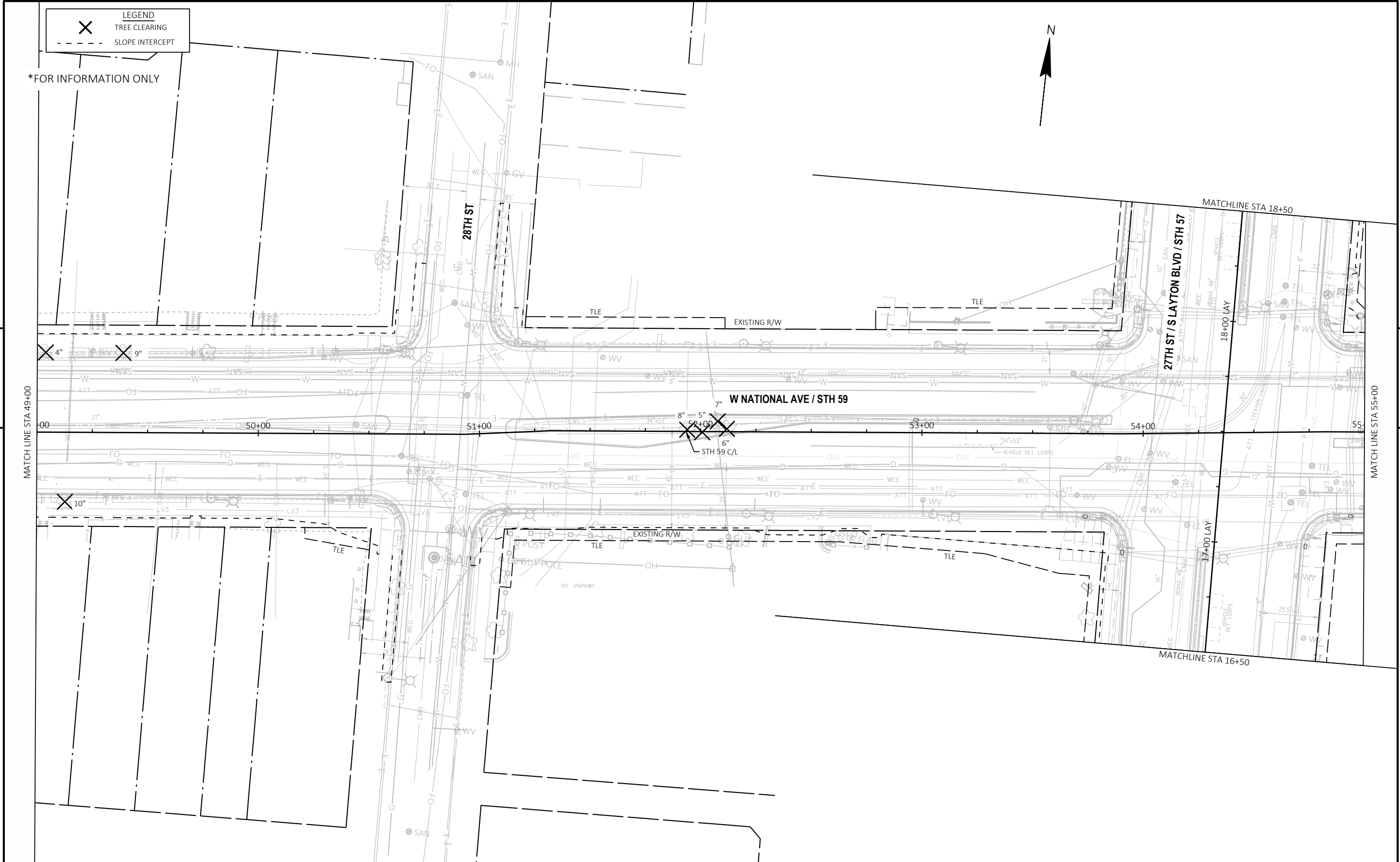
PROJECT NO: 3742-03-70	HWY: STH 59	COUNTY: MILWAUKEE	CLEARING PLAN - SITE 14	SHEET	E
------------------------	-------------	-------------------	-------------------------	-------	---

SLOPE INTERCEPT

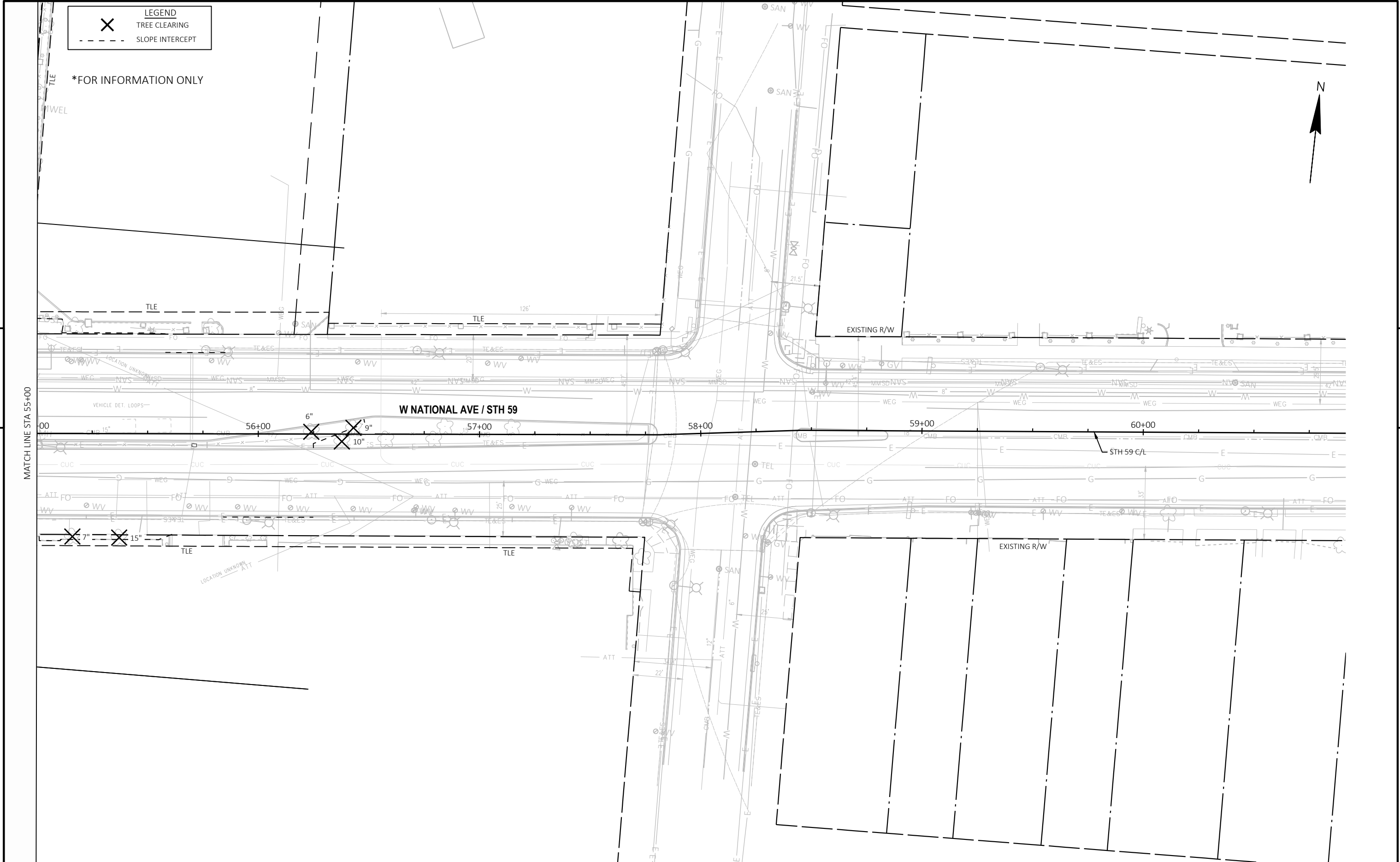
EXISTING R/W

MATCH LINE STA 49+00

WISDOT/CADDS SHEET 44



PROJECT NO: 3742-03-70	HWY: STH 59	COUNTY: MILWAUKEE	CLEARING PLAN - SITE 14	SHEET	E
------------------------	-------------	-------------------	-------------------------	-------	---



5

5

PROJECT NO: 3742-03-70	HWY: STH 59	COUNTY: MILWAUKEE	CLEARING PLAN - SITE 14	SHEET	E
------------------------	-------------	-------------------	-------------------------	-------	---

X

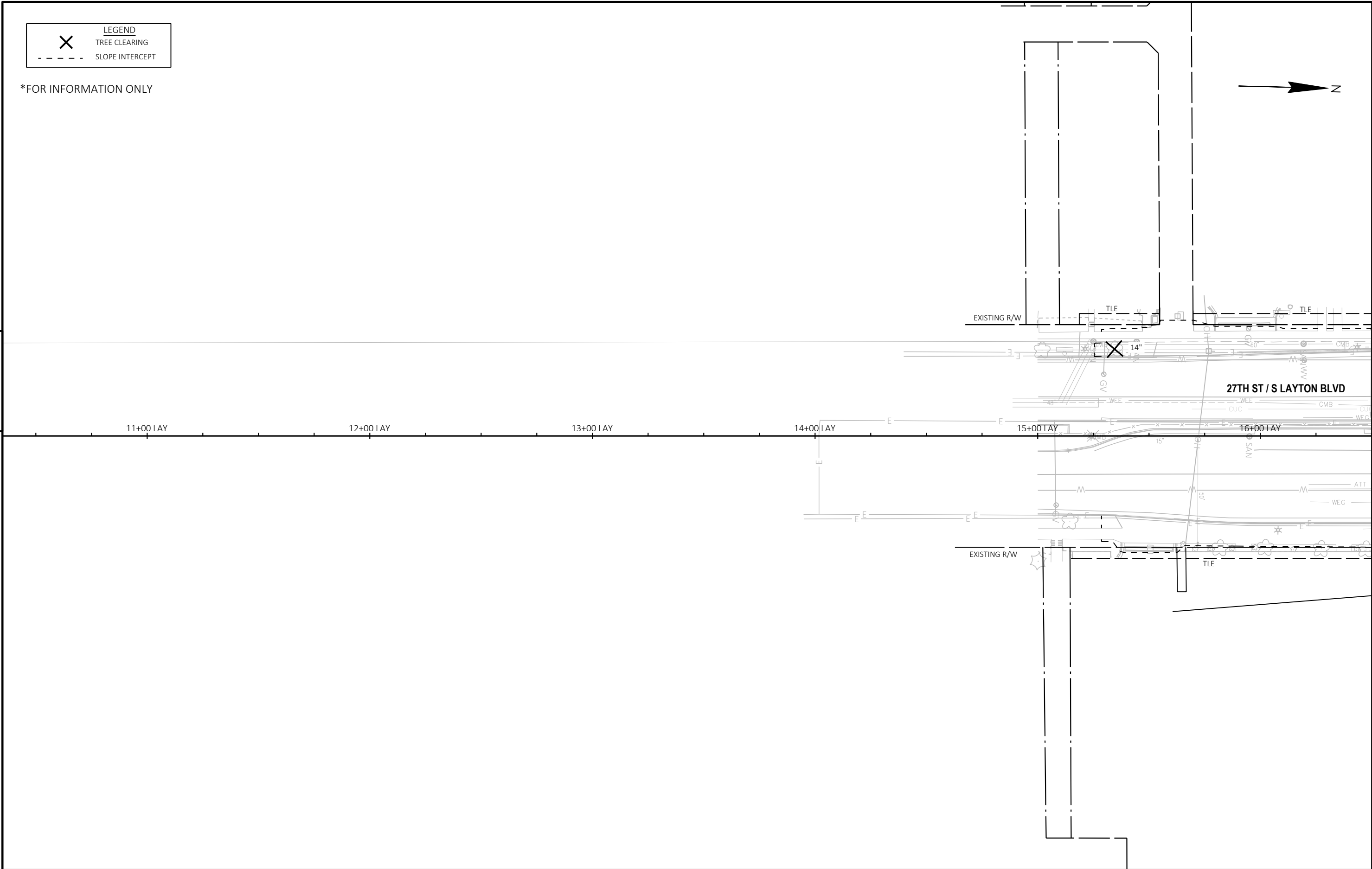
LEGEND

TREE CLEARING

- - - - SLOPE INTERCEPT

*FOR INFORMATION ONLY

5

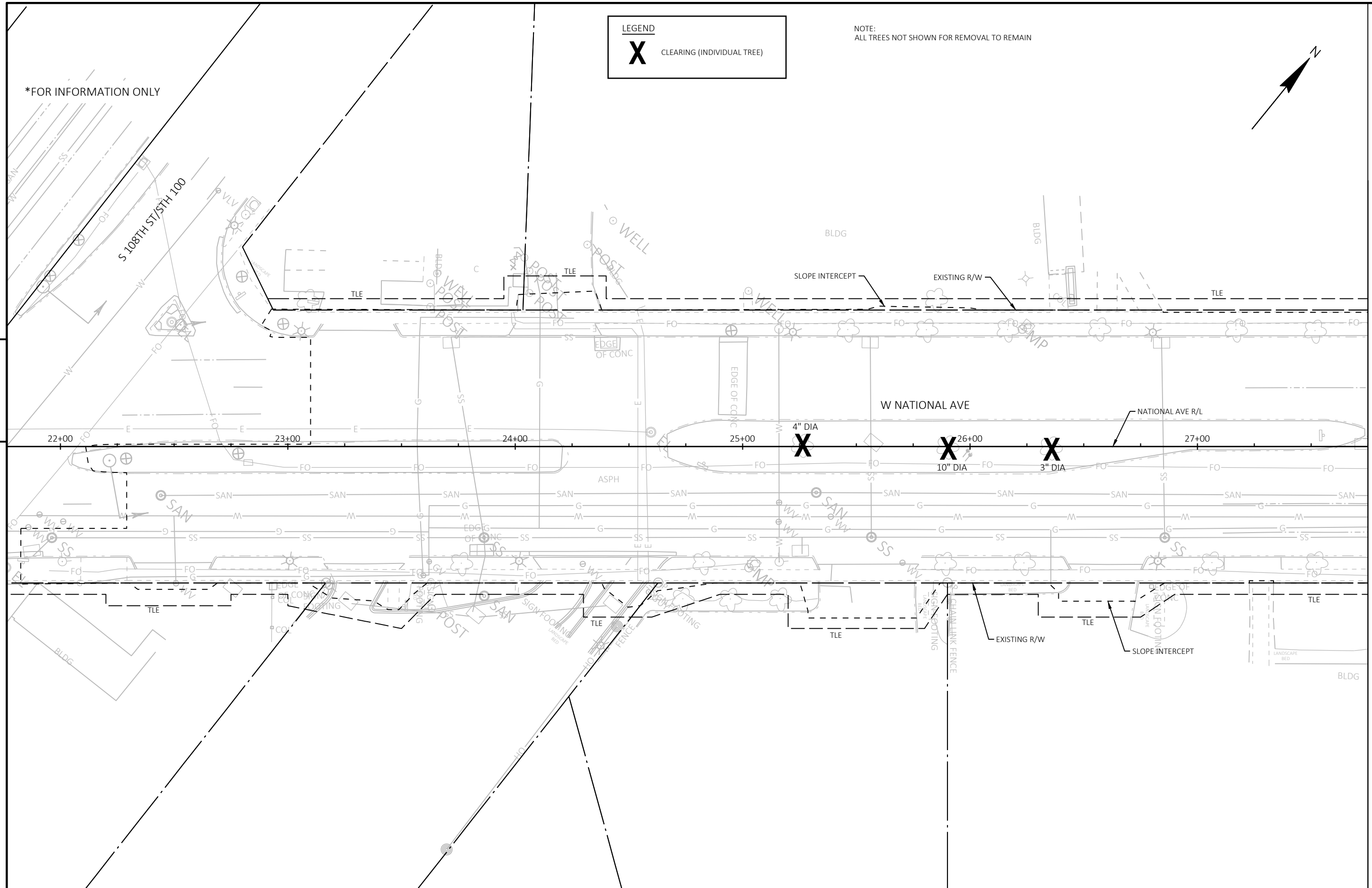


5

PROJECT NO: 3742-03-70	HWY: STH 59	COUNTY: MILWAUKEE	CLEARING PLAN - SITE 14	SHEET	E
------------------------	-------------	-------------------	-------------------------	-------	---

X CLEARING (INDIVIDUAL TREE)

5



5

MATCHLINE STA 27+75

PROJECT NO: 3742-03-70	HWY: LOCAL STREET	COUNTY: MILWAUKEE	CLEARING PLAN - SITE 15	SHEET	E
------------------------	-------------------	-------------------	-------------------------	-------	---

LEGEND



CLEARING (INDIVIDUAL TREE)

NOTE:
ALL TREES NOT SHOWN FOR REMOVAL TO REMAIN

*FOR INFORMATION ONLY

MATCHLINE STA 27+75

MATCHLINE STA 33+75

5

5

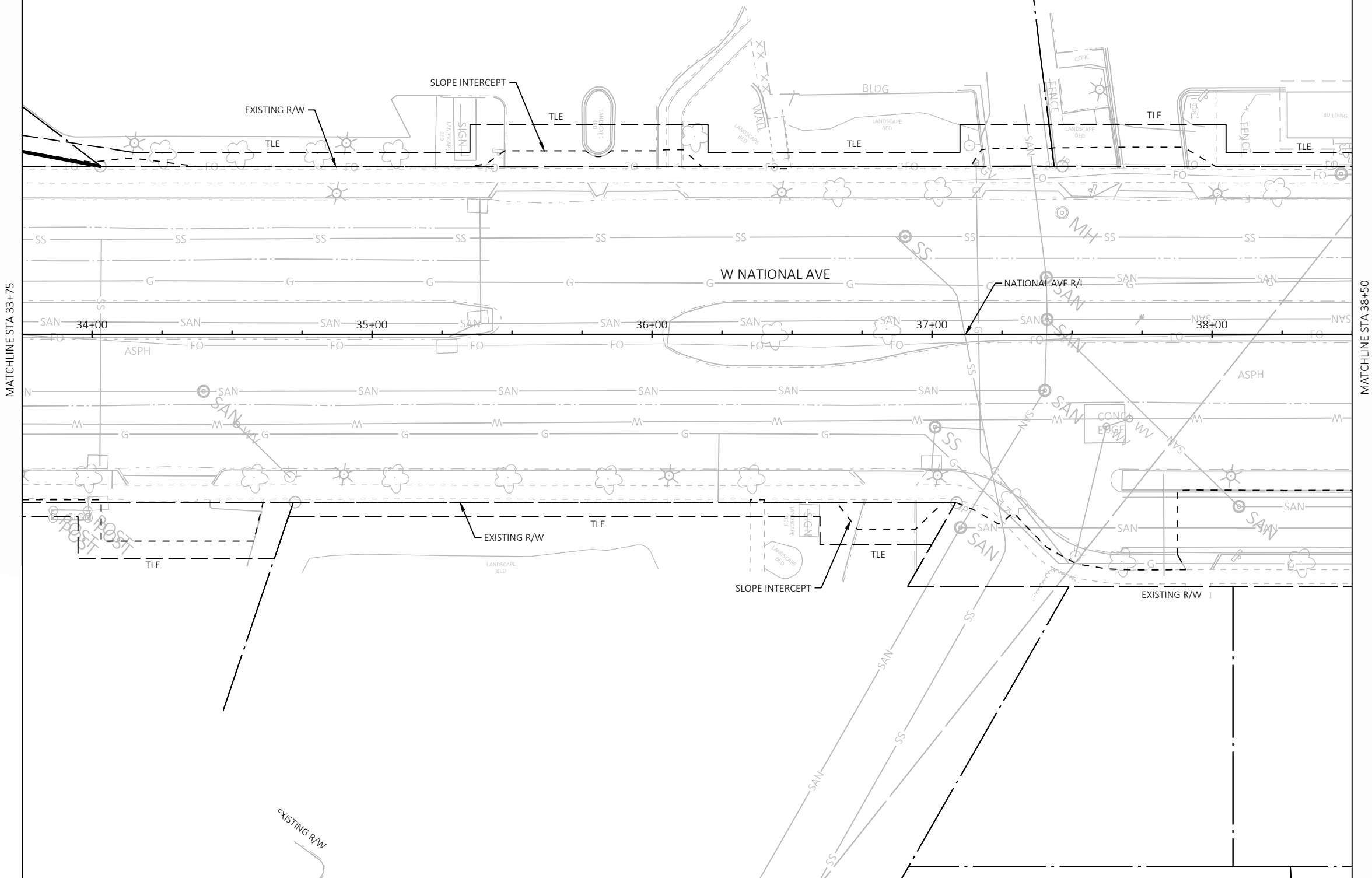
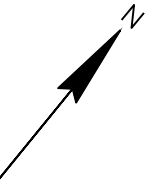
*FOR INFORMATION ONLY

LEGEND



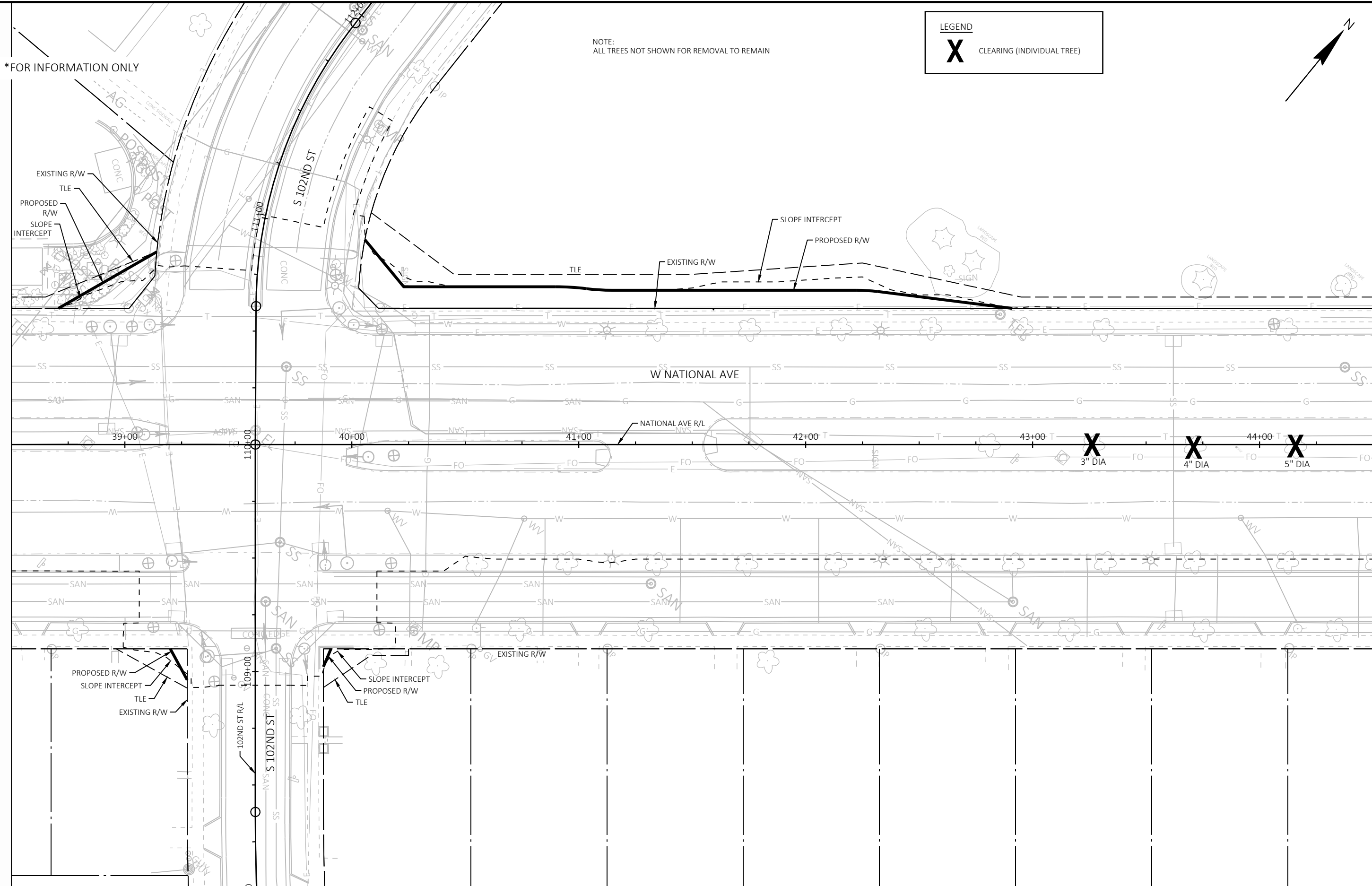
CLEARING (INDIVIDUAL TREE)

NOTE:
ALL TREES NOT SHOWN FOR REMOVAL TO REMAIN



5

5

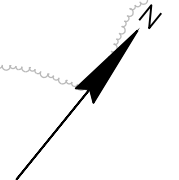


LEGEND

X CLEARING (INDIVIDUAL TREE)

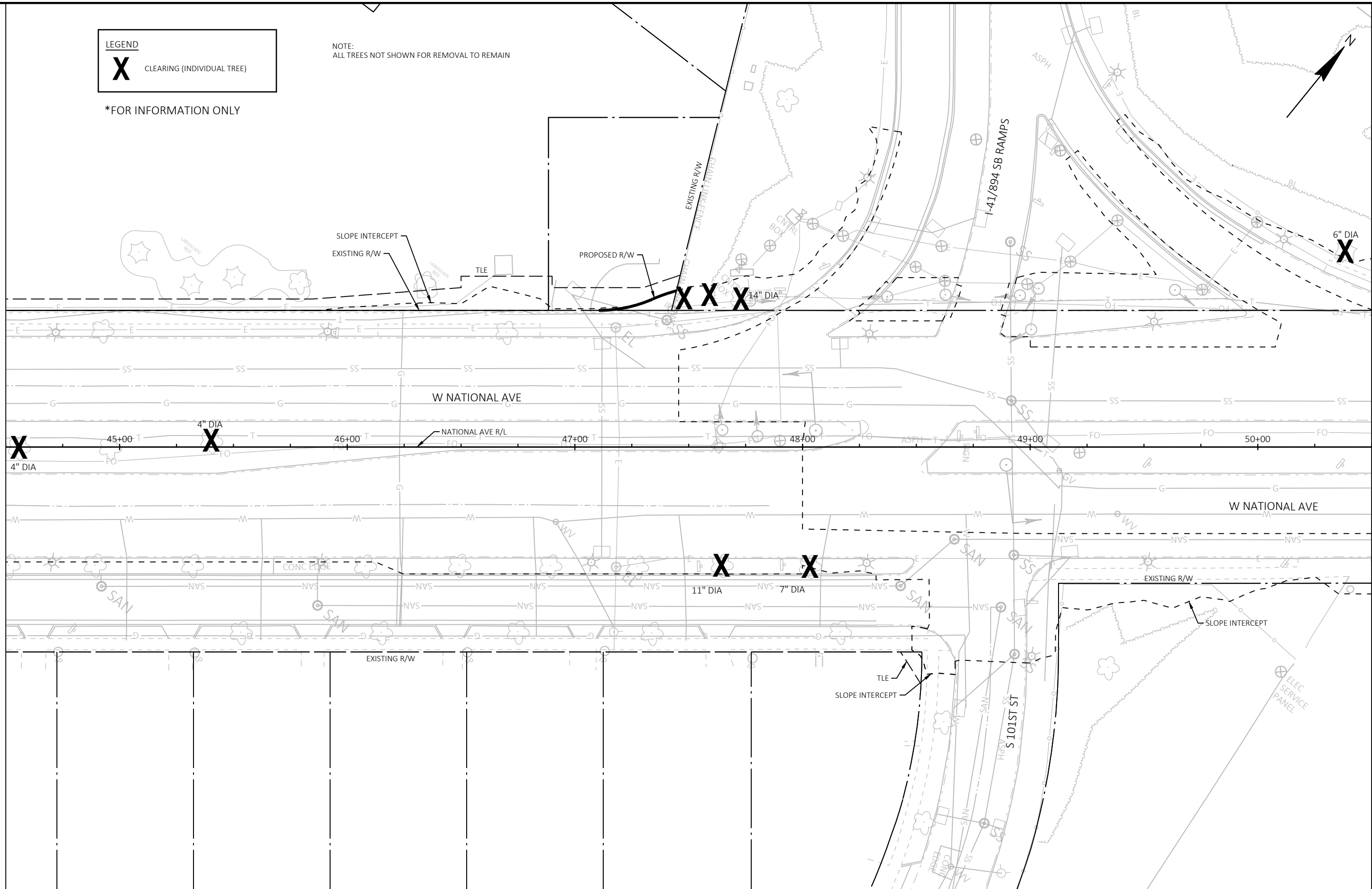
*FOR INFORMATION ONLY

NOTE:
ALL TREES NOT SHOWN FOR REMOVAL TO REMAIN



5

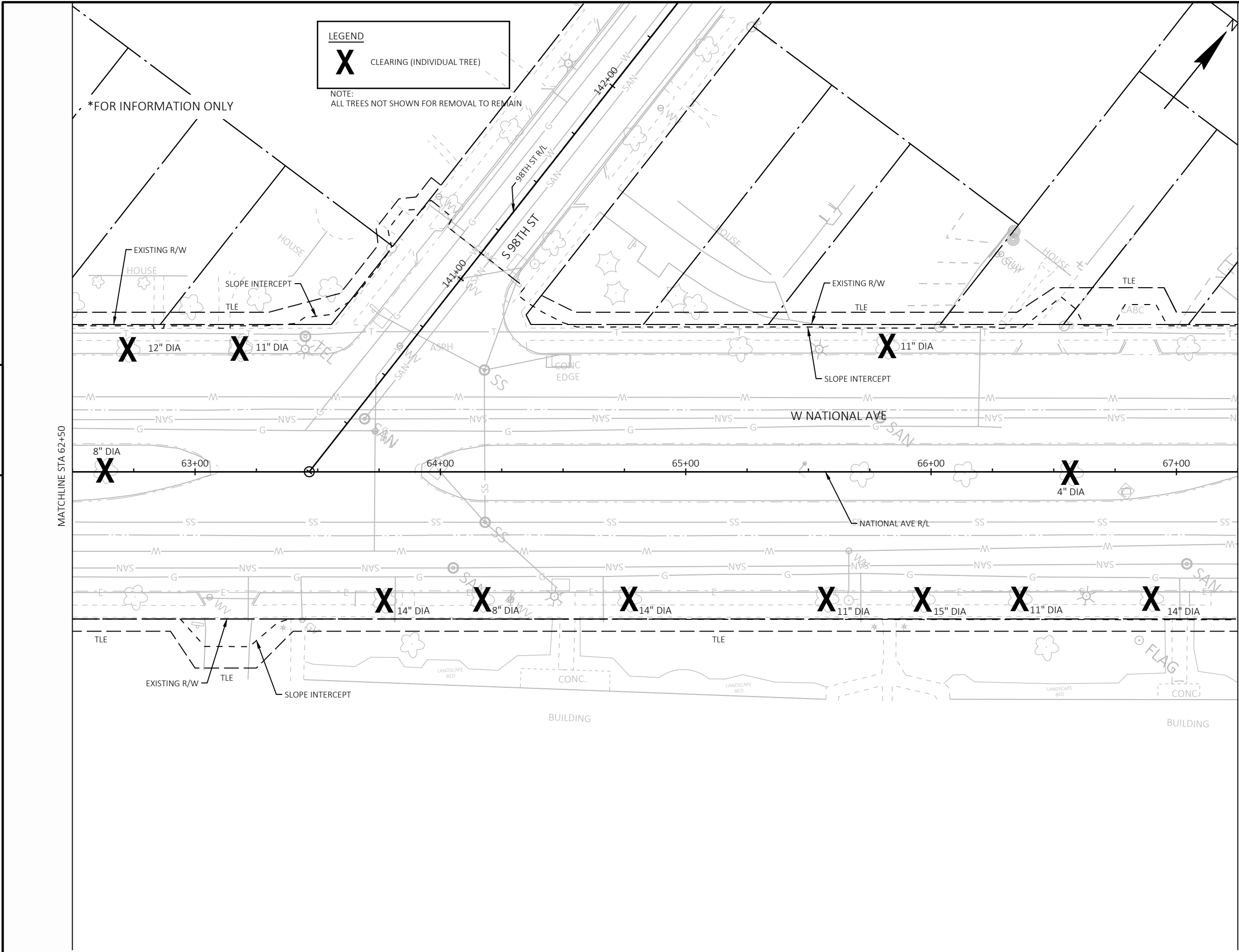
MATCHLINE STA 44+50



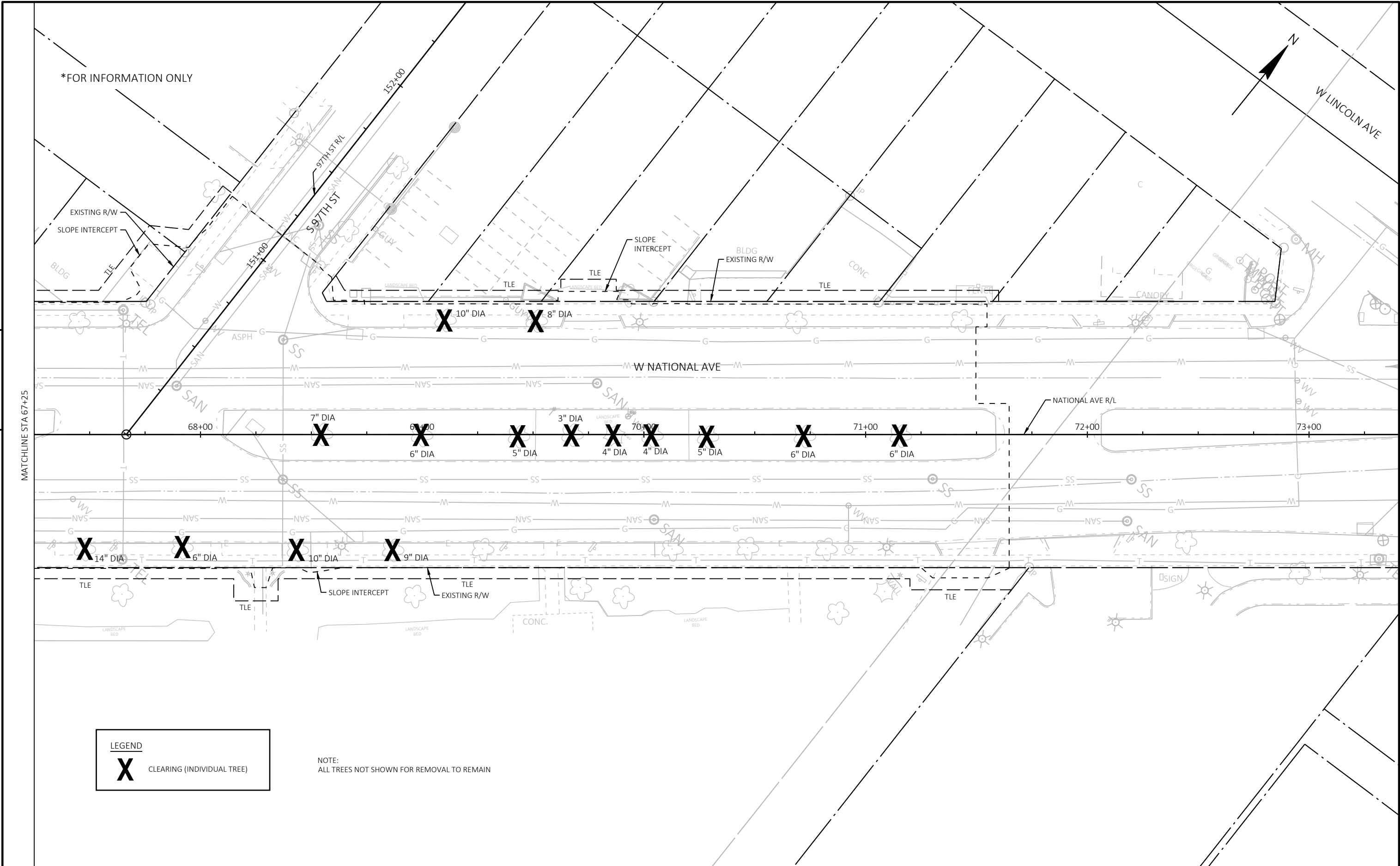
MATCHLINE STA 50+50

5

PROJECT NO: 3742-03-70	HWY: LOCAL STREET	COUNTY: MILWAUKEE	CLEARING PLAN - SITE 15	SHEET	E
------------------------	-------------------	-------------------	-------------------------	-------	---



PROJECT NO: 3742-03-70	HWY: LOCAL STREET	COUNTY: MILWAUKEE	CLEARING PLAN - SITE 15	SHEET	E
------------------------	-------------------	-------------------	-------------------------	-------	---



*FOR INFORMATION ONLY

LEGEND



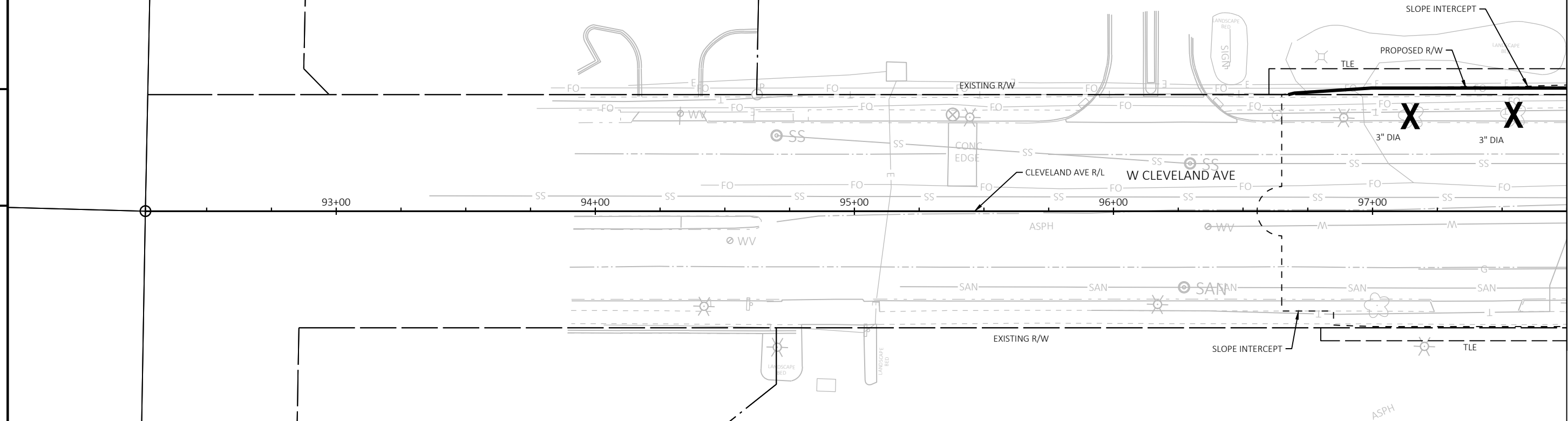
CLEARING (INDIVIDUAL TREE)

NOTE:
ALL TREES NOT SHOWN FOR REMOVAL TO REMAIN

N



5



MATCHLINE STA 97+75

5

PROJECT NO: 3742-03-70

HWY: LOCAL STREET

COUNTY: MILWAUKEE

CLEARING PLAN - SITE 15

SHEET

E

LEGEND

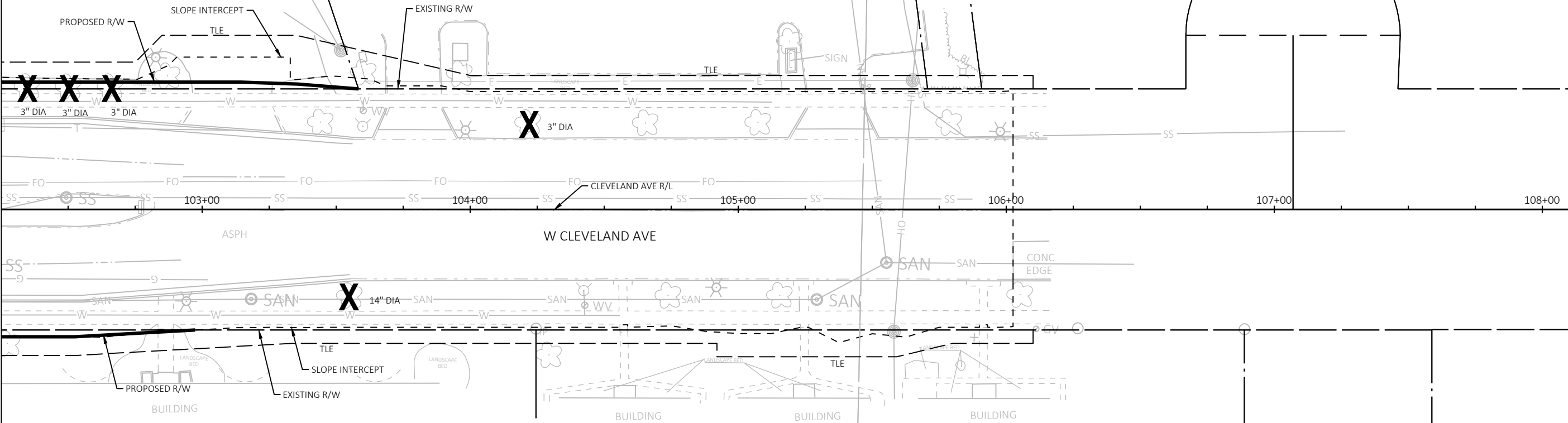
X CLEARING (INDIVIDUAL TREE)

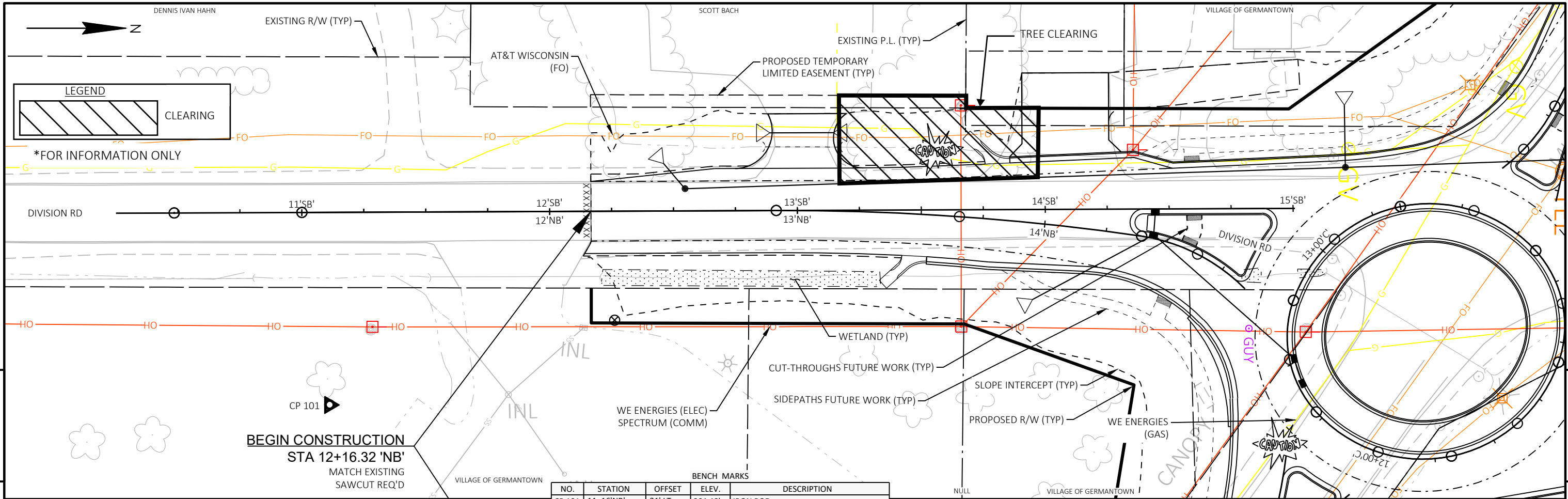
NOTE:
ALL TREES NOT SHOWN FOR REMOVAL TO REMAIN

*FOR INFORMATION ONLY

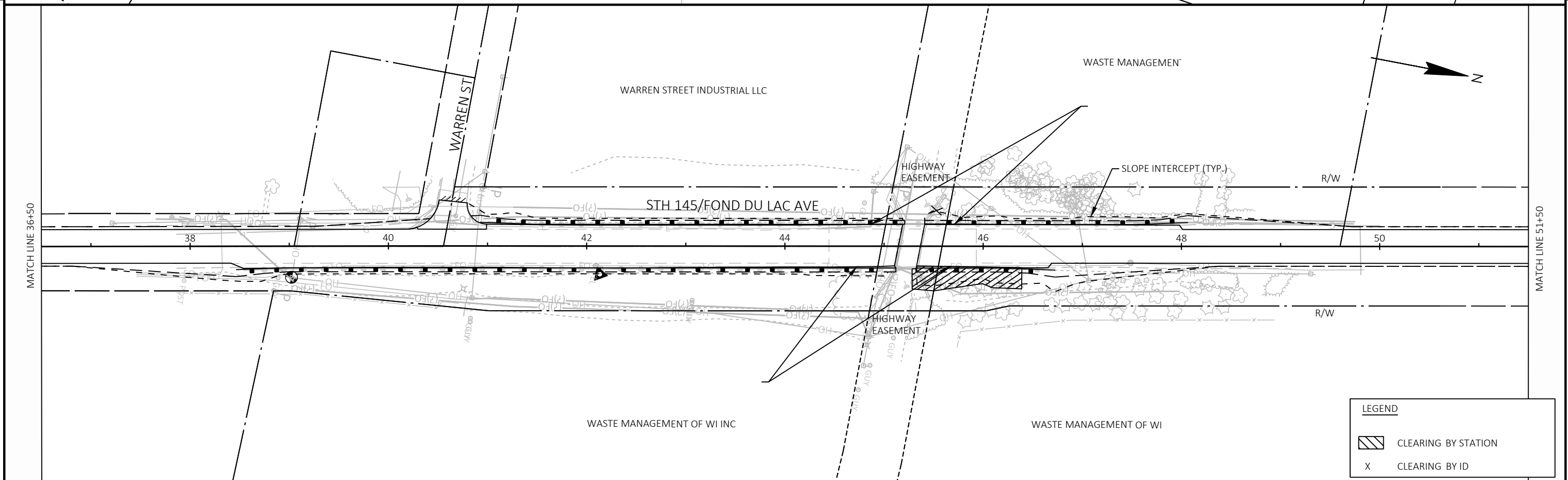
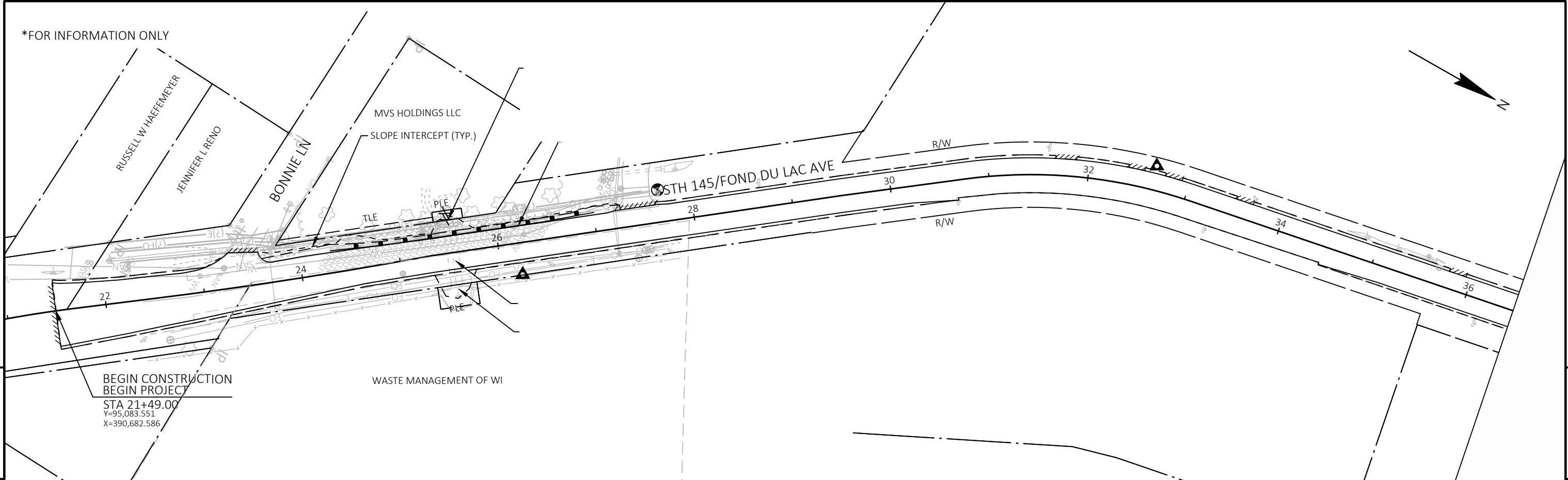
N

MATCHLINE STA 102+25

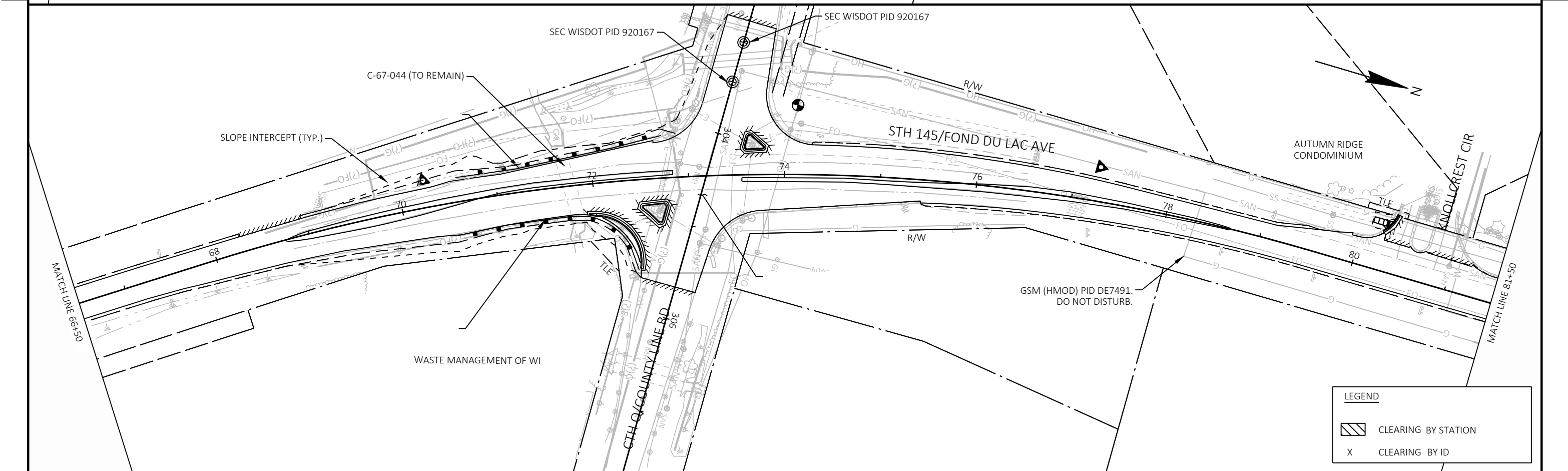




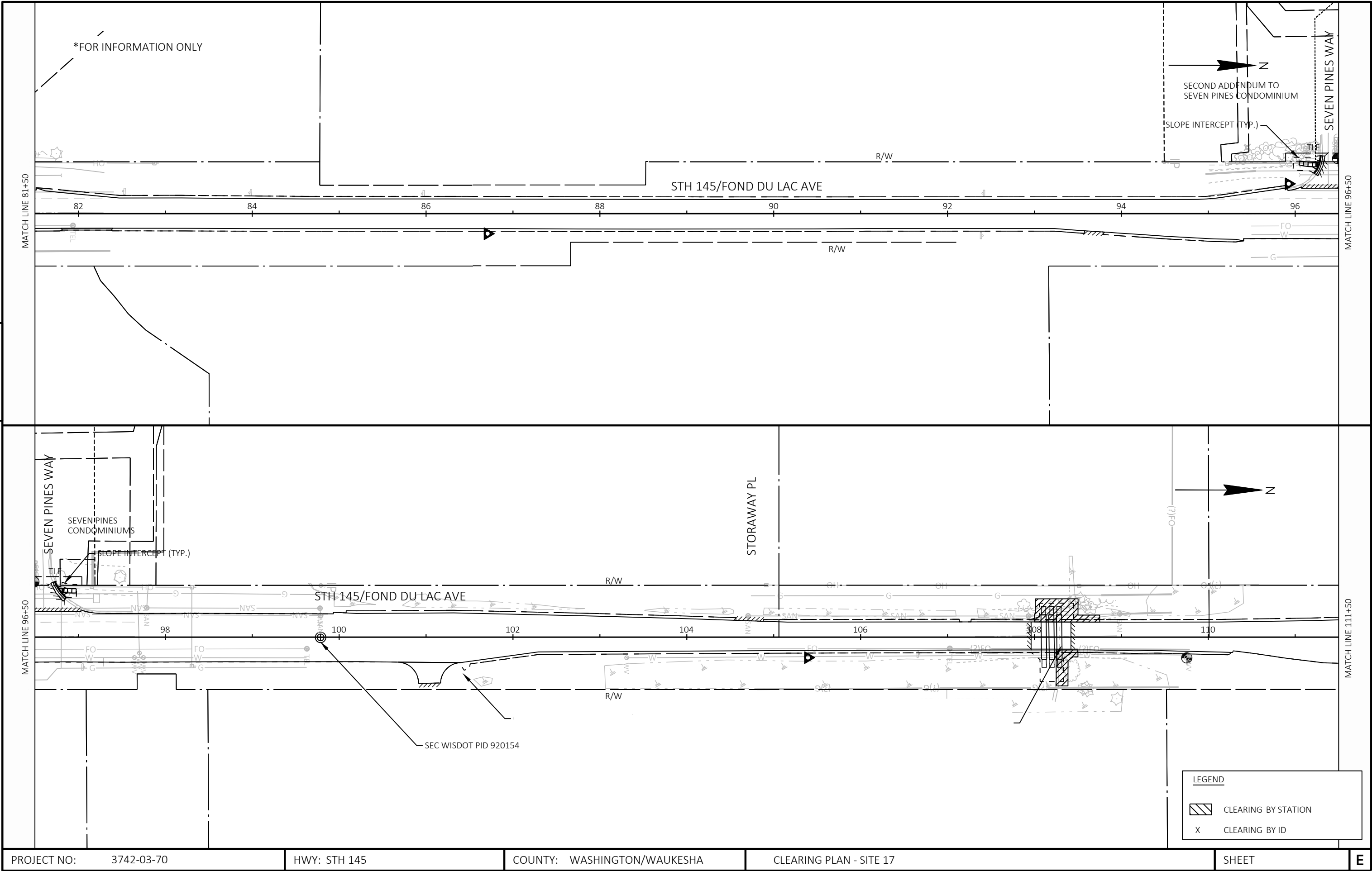
BENCH MARKS				
NO.	STATION	OFFSET	ELEV.	DESCRIPTION
CP 101	11+16'NB'	31' LT	864.48'	IRON ROD
CP 709	11+89'C'	76'RT	863.54'	FENO MONUMENT W/ ALUMINUM CAP

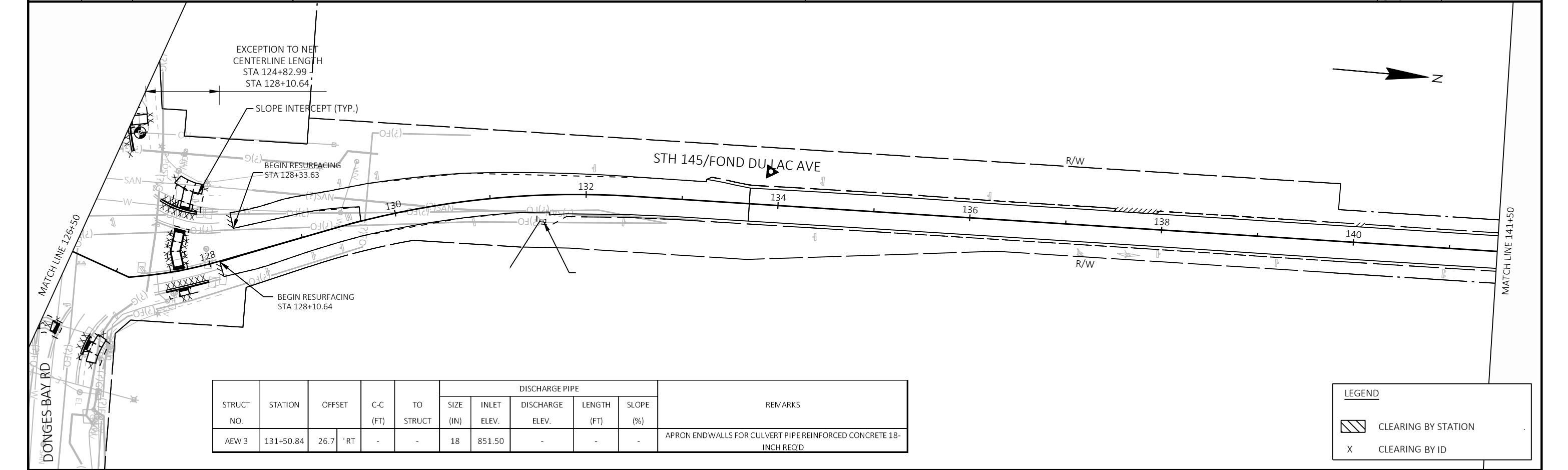
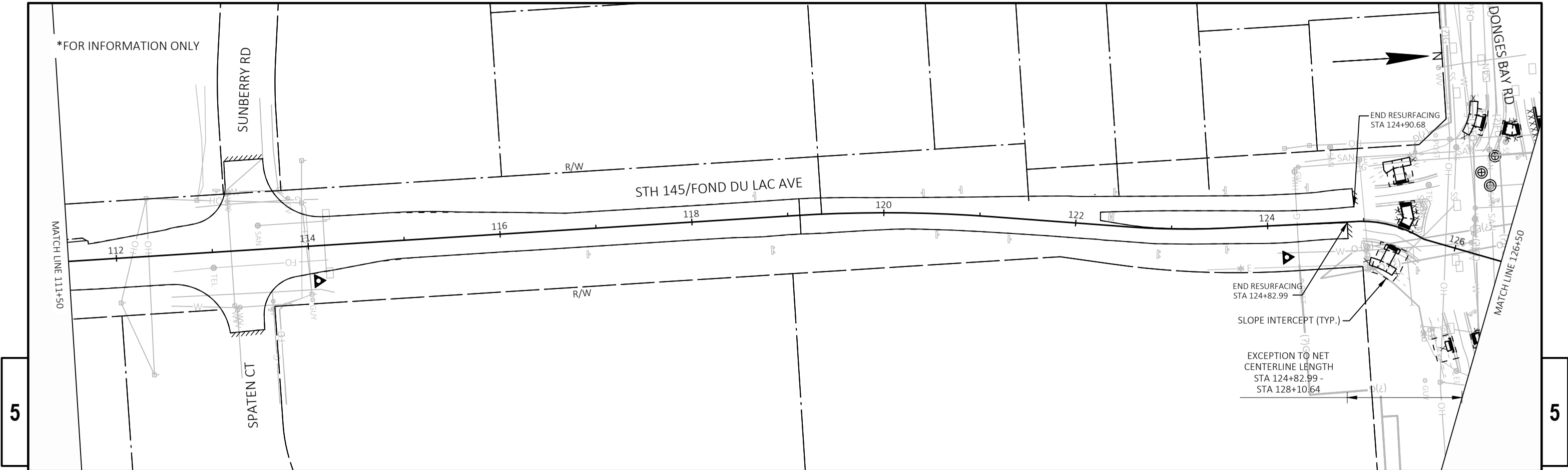


PROJECT NO: 3742-03-70	HWY: STH 145	COUNTY: WASHINGTON/WAUKESHA	CLEARING PLAN - SITE 17	SHEET	E
------------------------	--------------	-----------------------------	-------------------------	-------	---



PROJECT NO:	3742-03-70	HWY: STH 145	COUNTY: WASHINGTON/WAUKESHA	CLEARING PLAN - SITE 17	SHEET	E
-------------	------------	--------------	-----------------------------	-------------------------	-------	---





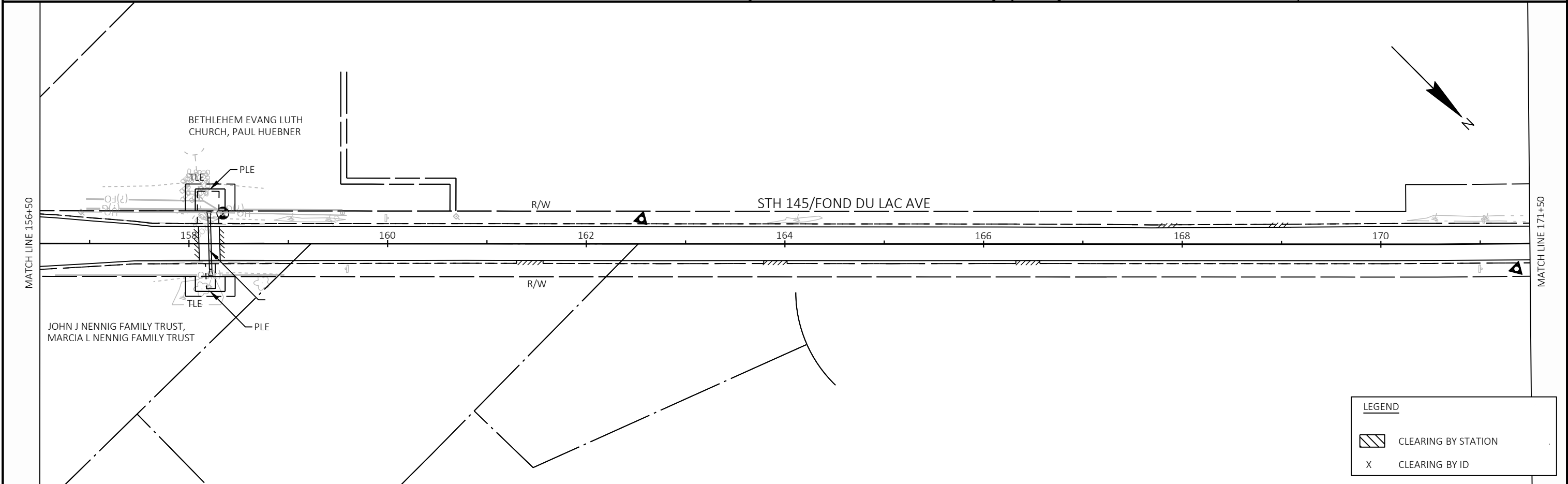
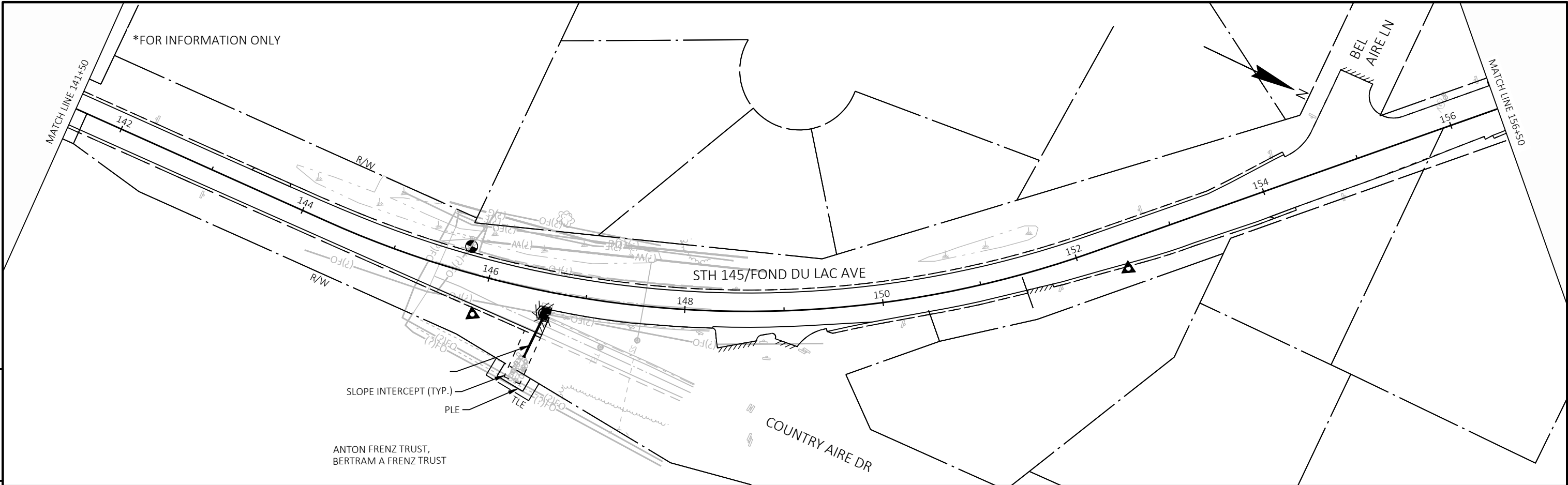
STRUCT NO.	STATION	OFFSET	C-C (FT)	TO STRUCT	DISCHARGE PIPE					REMARKS
					SIZE (IN)	INLET ELEV.	DISCHARGE ELEV.	LENGTH (FT)	SLOPE (%)	
AEW 3	131+50.84	26.7	'RT	-	-	18	851.50	-	-	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 18-INCH REQ'D

LEGEND

CLEARING BY STATION

X

CLEARING BY ID



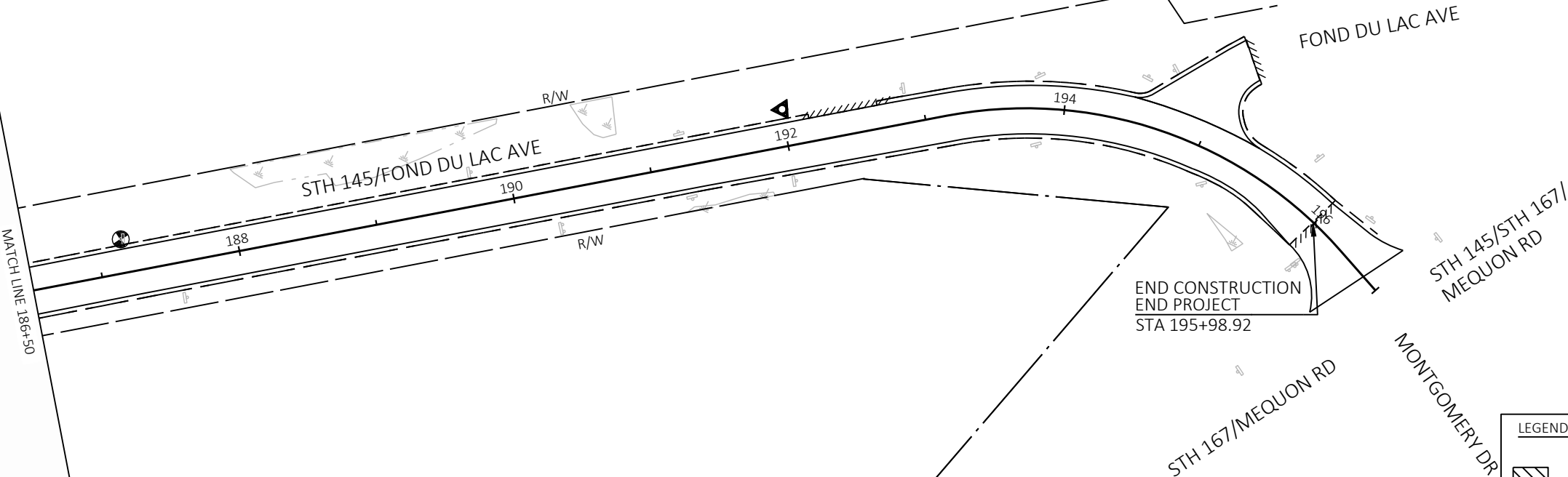
PROJECT NO:	3742-03-70	HWY: STH 145	COUNTY: WASHINGTON/WAUKESHA	CLEARING PLAN - SITE 17	SHEET	E
-------------	------------	--------------	-----------------------------	-------------------------	-------	---

*FOR INFORMATION ONLY

STRUCT NO.	STATION	OFFSET		C-C (FT)	TO STRUCT	DISCHARGE PIPE					REMARKS
						SIZE (IN.)	INLET ELEV.	DISCHARGE ELEV.	LENGTH (FT)	SLOPE (%)	
AEW 7	180+37.15	28.4	'R1	4.0	-	30	875.31	875.29	4	0.50%	APRON END WALLS FOR CULVERT PIPE STEEL 30-INCH REQ'D. CONCRETE COLLARS FOR PIPE REQ'D.
AEW 8	180+37.96	27.8	'LT	6.0	-	30	875.21	875.19	6	0.33%	APRON END WALLS FOR CULVERT PIPE STEEL 30-INCH REQ'D. CONCRETE COLLARS FOR PIPE REQ'D.

5

5



LEGEND

CLEARING BY STATION

X

CLEARING BY ID

*FOR INFORMATION ONLY

LEGEND



CLEARING

DELINEATED WETLAND
BOUNDARY (TYP)

APPROX PL (TYP)

EX EASEMENT (TYP)

CAMPBELL CT

PT: 4+53.33 'C'

N65°23'46"E

10

APPROX EX ROW (TYP)

CAMPBELL DR

PROPOSED ROW (TYP)

PLE (TYP)

DELINEATED WETLAND
BOUNDARY (TYP)

EX EASEMENT (TYP)

N39°44'31"E

PT: 13+75.99

N65°12'07"W

PC: 6+79.97

PROJECT NO: 3742-03-70

HWY: LOCAL STREET

COUNTY: WAUKESHA

CLEARING PLAN - SITE 20

SHEET

E

FILE NAME : X:\KO\M\MENFA\179837\5-final-dsgn\51-drawings\40-TransHwy\C3D Campbell Dr\sheets\SEC 05 Plan & Profile\050101_pp (Plan & Profile)_clearing.dwg

PLOT DATE : 7/15/2025 10:22 AM

PLOT BY : SEH

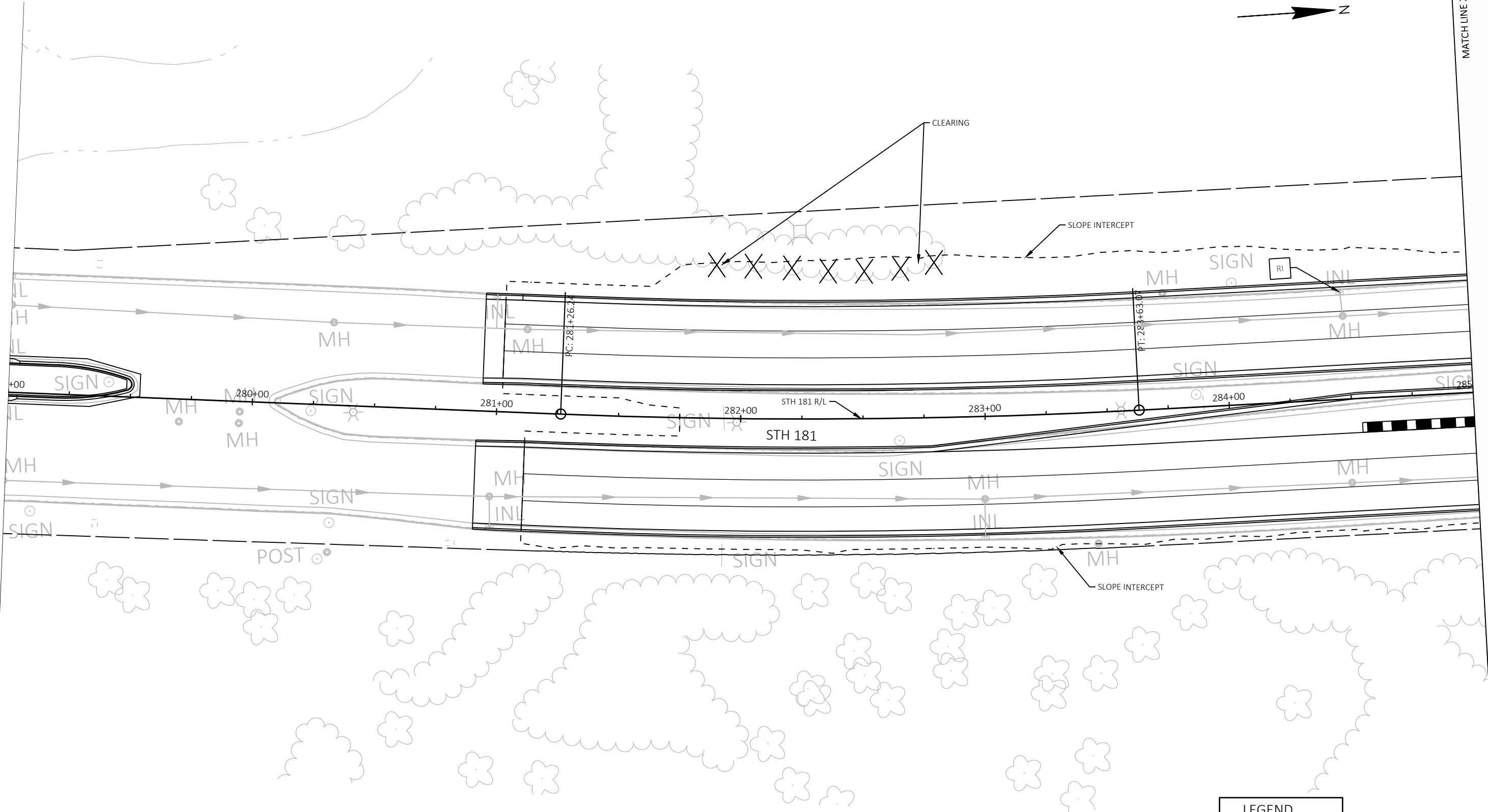
LAYOUT NAME : 01

PLOT SCALE : 1.0 IN = #### FT

WISDOT/CADDs SHEET 44

*FOR INFORMATION ONLY

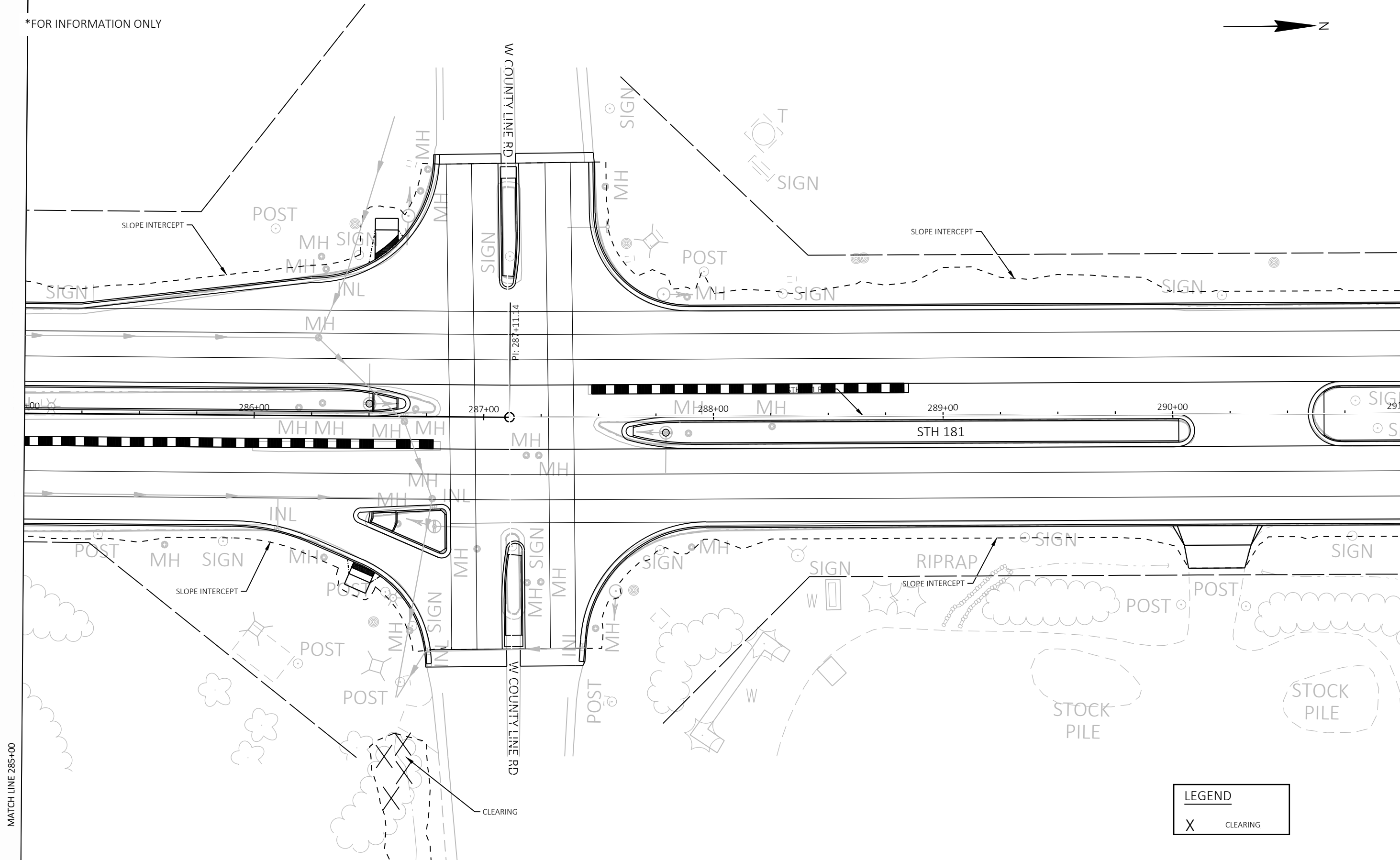
MATCH LINE 285+00



LEGEND

X CLEARING

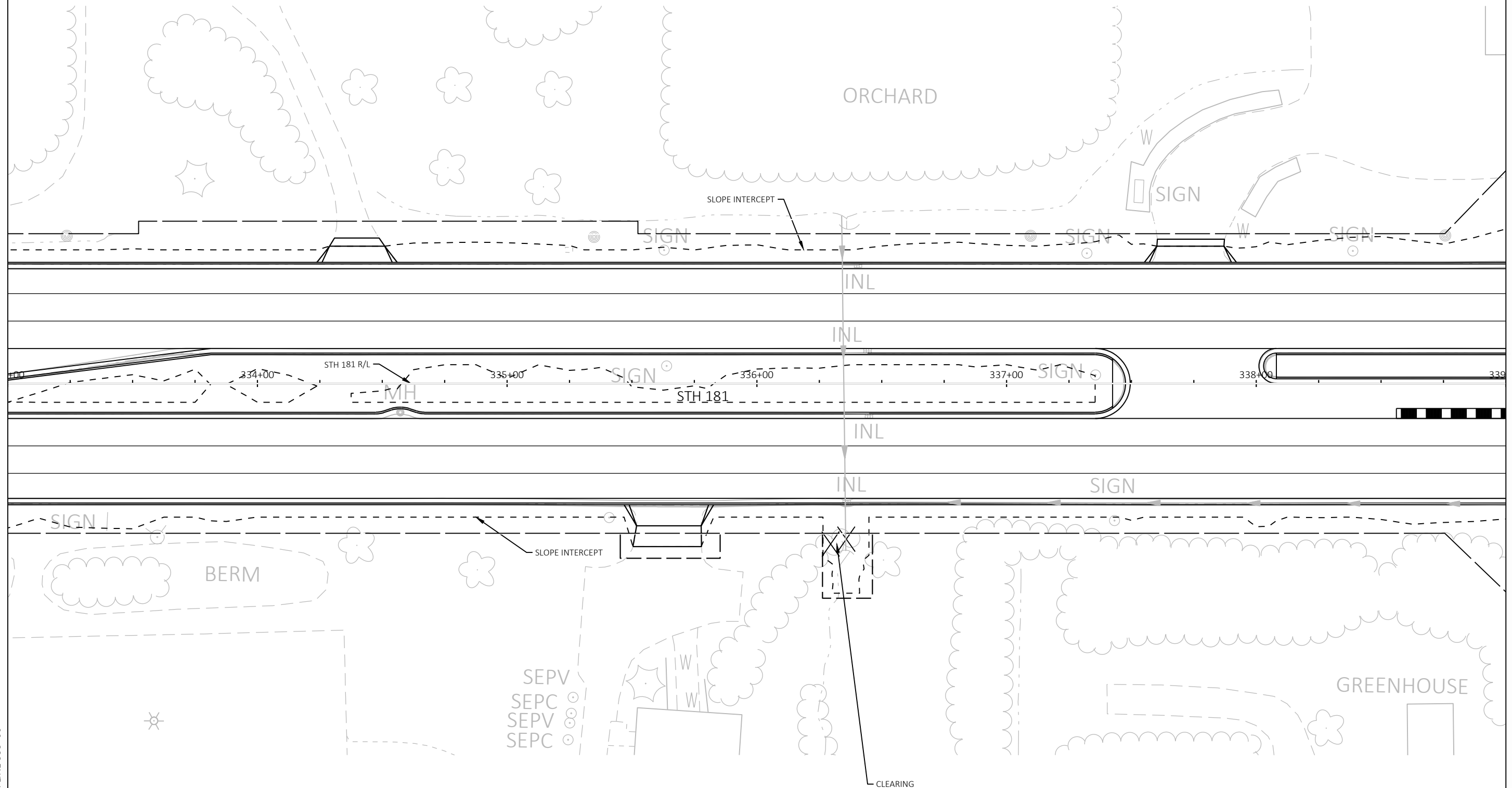
*FOR INFORMATION ONLY



2

*FOR INFORMATION ONLY

2



LEGEND

X CLEARING

PROJECT NO: 3742-03-70

HWY: STH 181

COUNTY: OZAUKEE

CLEARING PLAN - SITE 22

SHEET

11

FILE NAME : N:\PDS\C3D\27290700\SHEETSPLAN\021101-CG.DWG
LAYOUT NAME - 10

PLOT DATE : 6/23/2025 9:41 AM

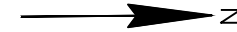
PLOT BY : YANG, VANG NENG

PLOT NAME :

PLOT SCALE : 1 IN:40 FT

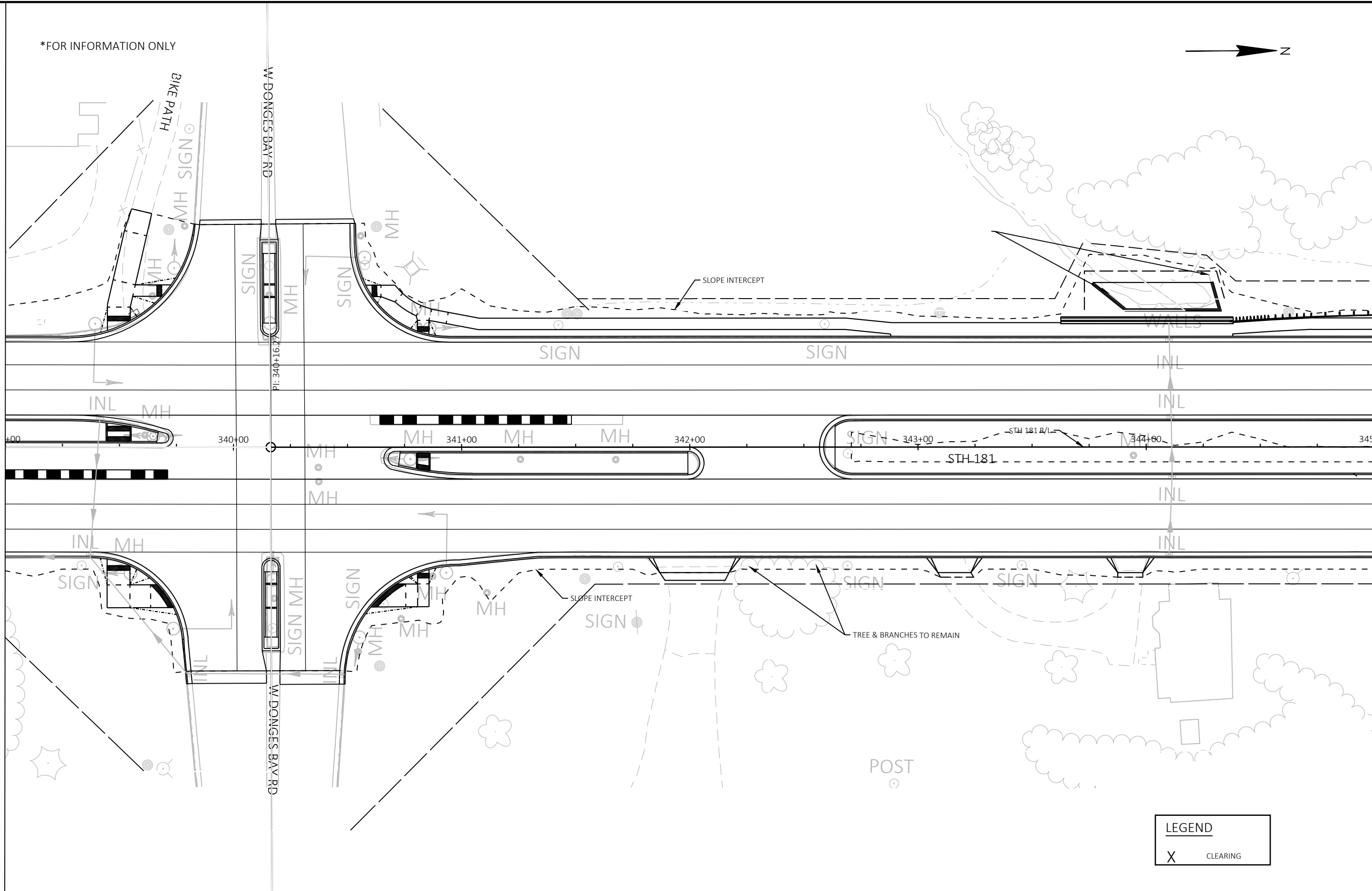
WISDOT/CADDS SHEET 42

*FOR INFORMATION ONLY



MATCH LINE 345+00

MATCH LINE 339+00



PROJECT NO: 3742-03-70

HWY: STH 181

COUNTY: OZAUCKEE

CLEARING PLAN - SITE 22

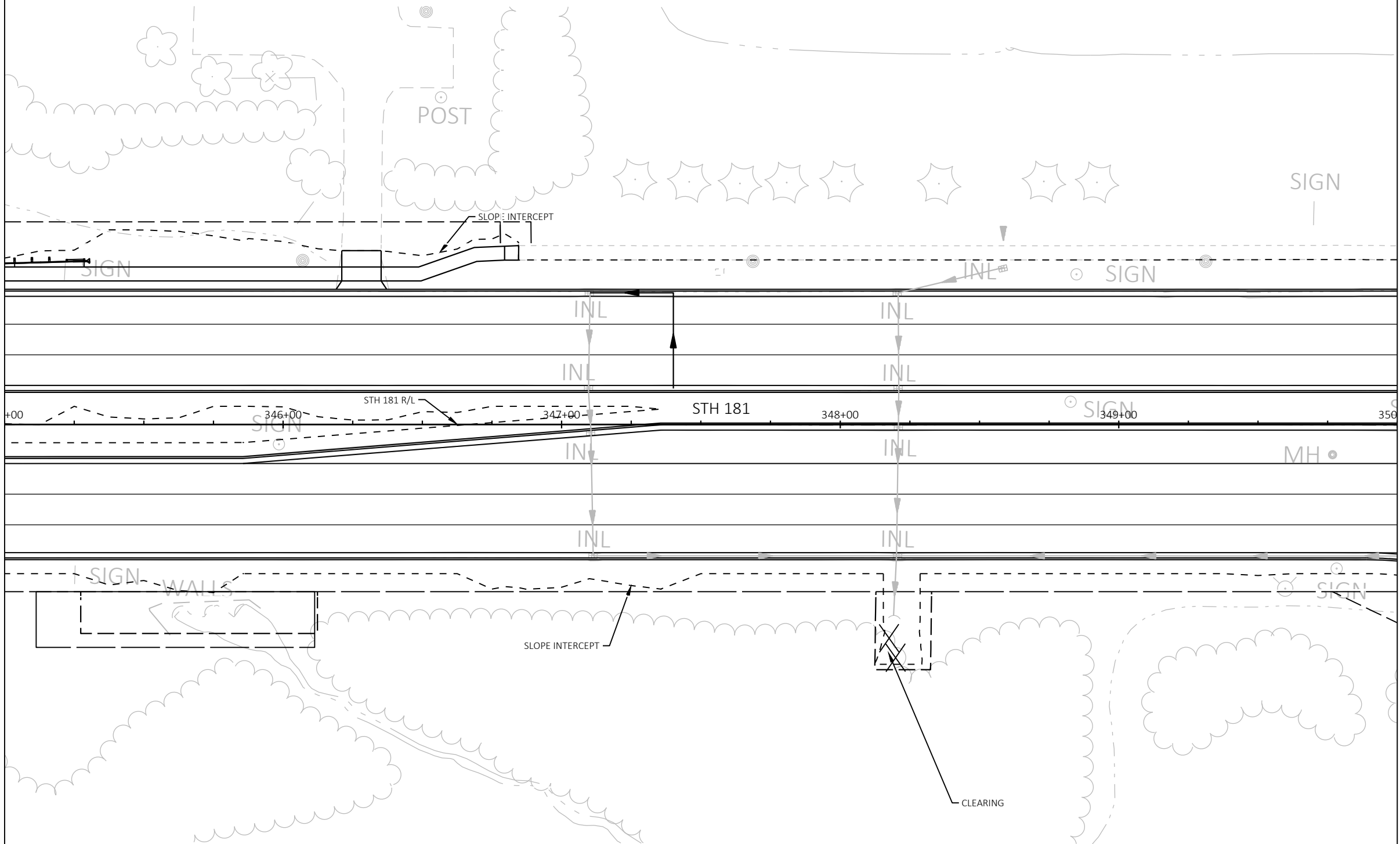
SHEET

E

*FOR INFORMATION ONLY



MATCH LINE 350+00



MATCH LINE 345+00

PROJECT NO: 3742-03-70

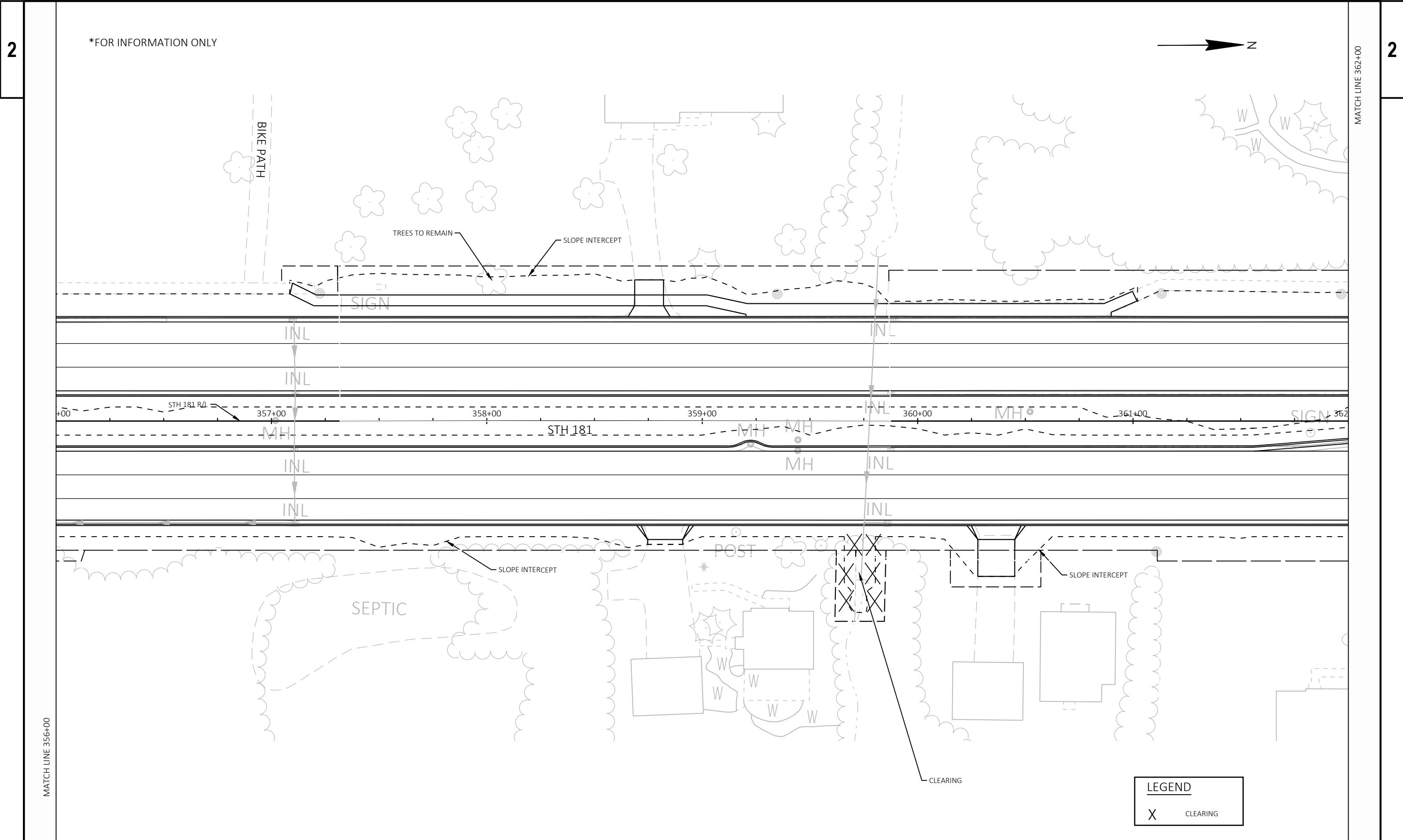
HWY: STH 181

COUNTY: OZAUKEE

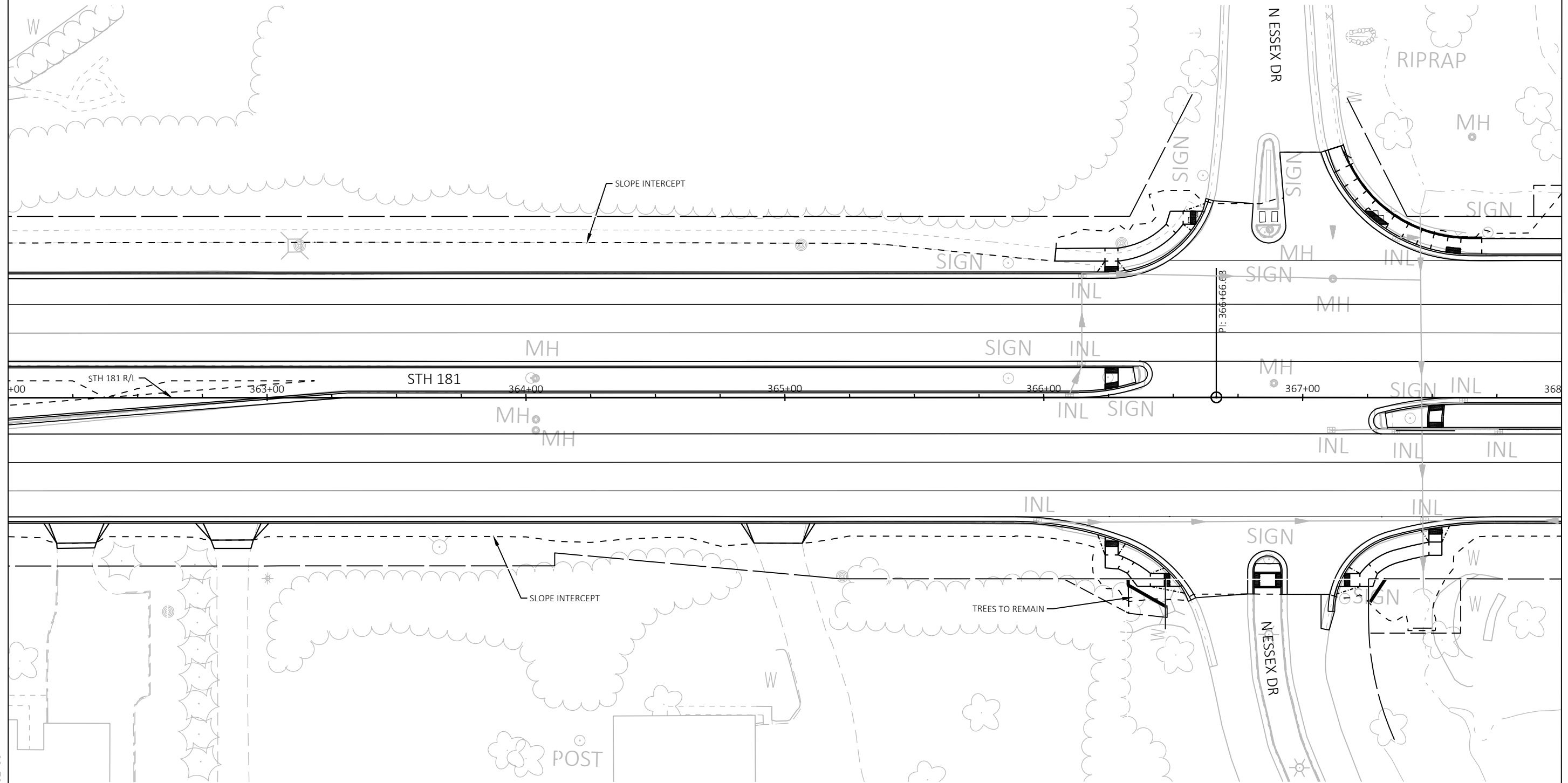
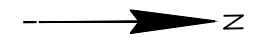
CLEARING PLAN - SITE 22

SHEET

E



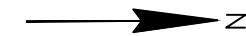
*FOR INFORMATION ONLY



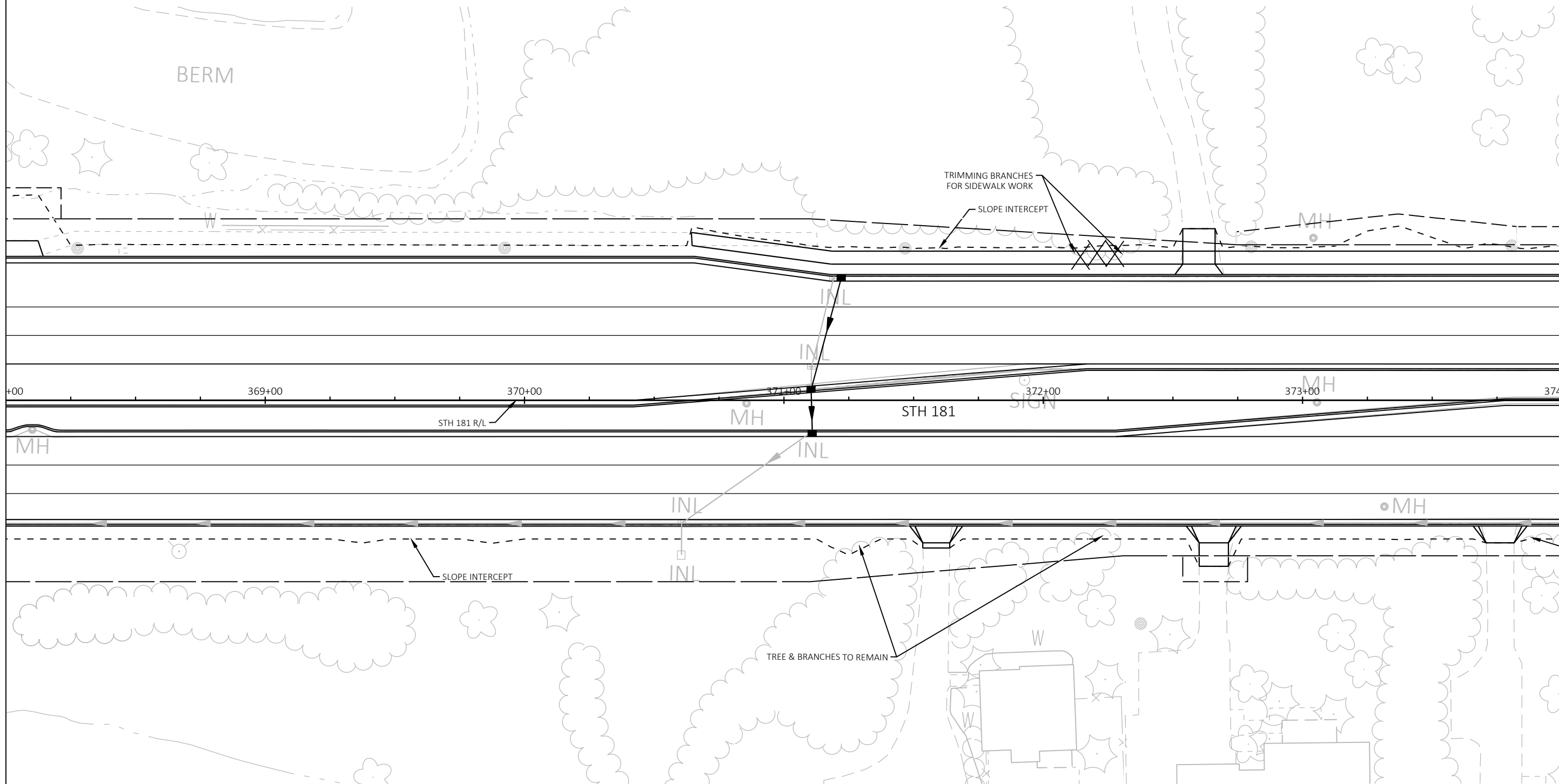
LEGEND

X CLEARING

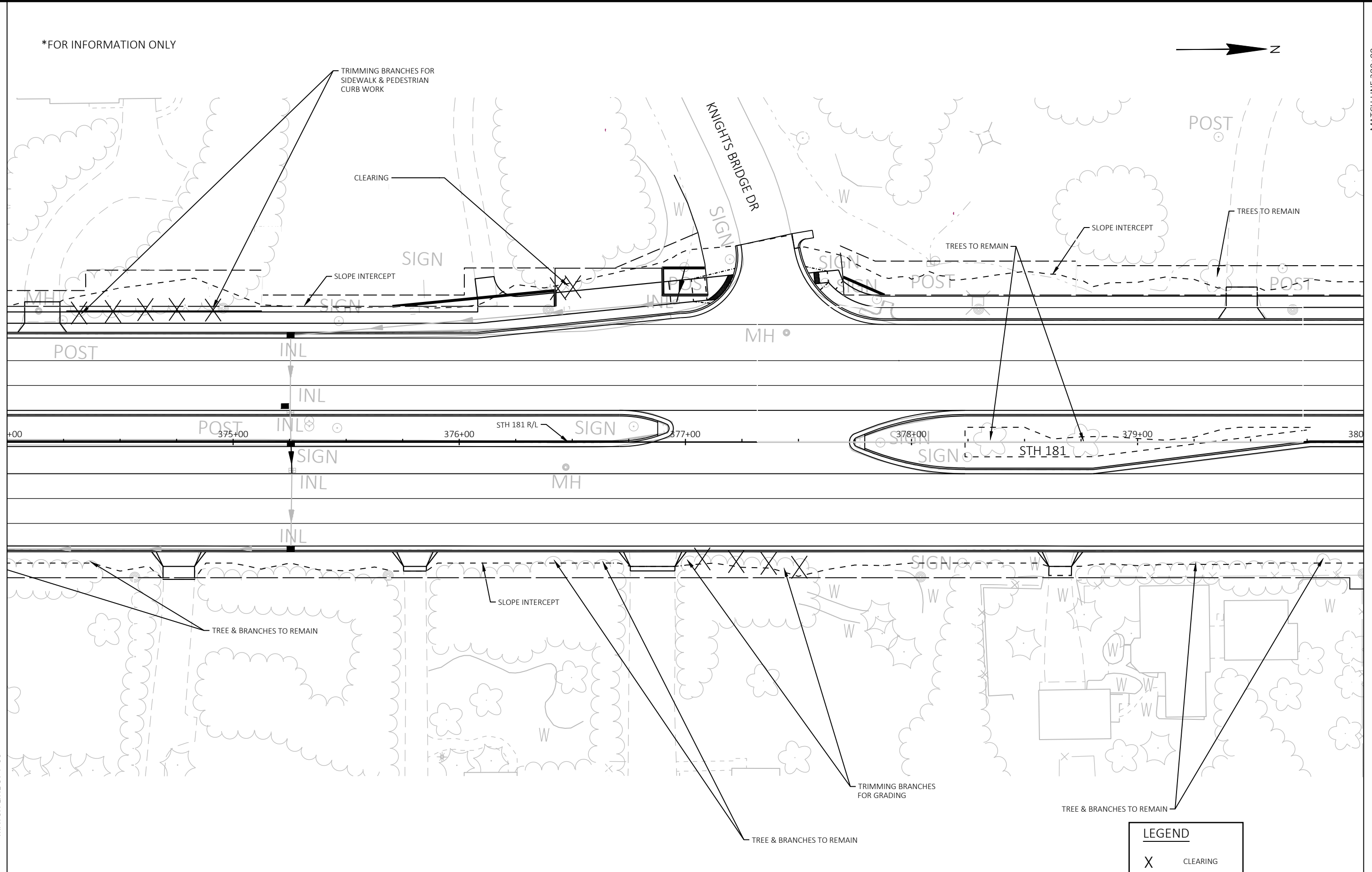
*FOR INFORMATION ONLY



MATCH LINE 374+00



*FOR INFORMATION ONLY



PROJECT NO:	3742-03-70
-------------	------------

HWY: STH 181

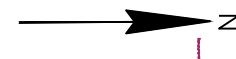
COUNTY: OZAUKEE

CLEARING PLAN - SITE 22

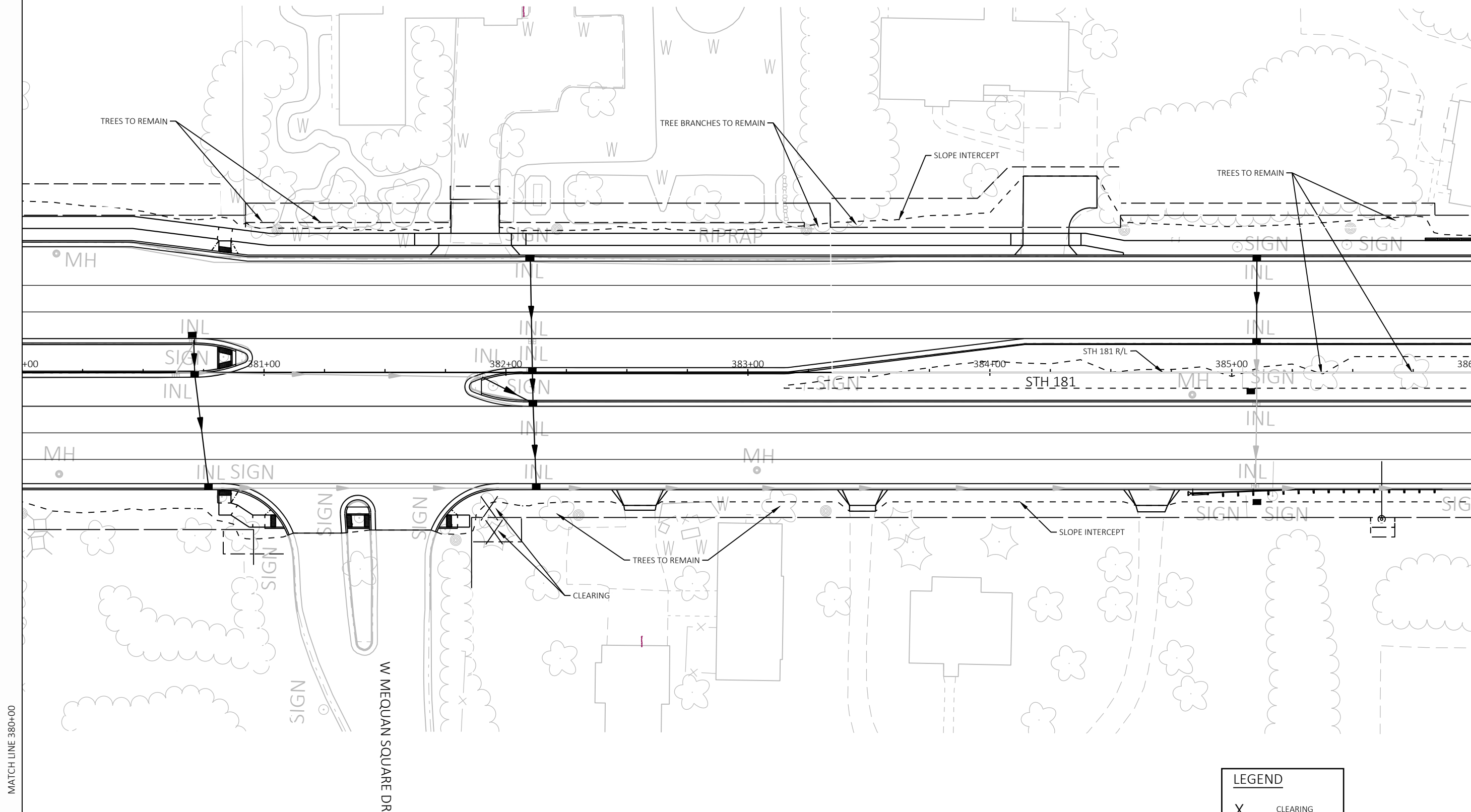
SHEET

1

*FOR INFORMATION ONLY



MATCH LINE 386+00



PROJECT NO: 3742-03-70

HWY: STH 181

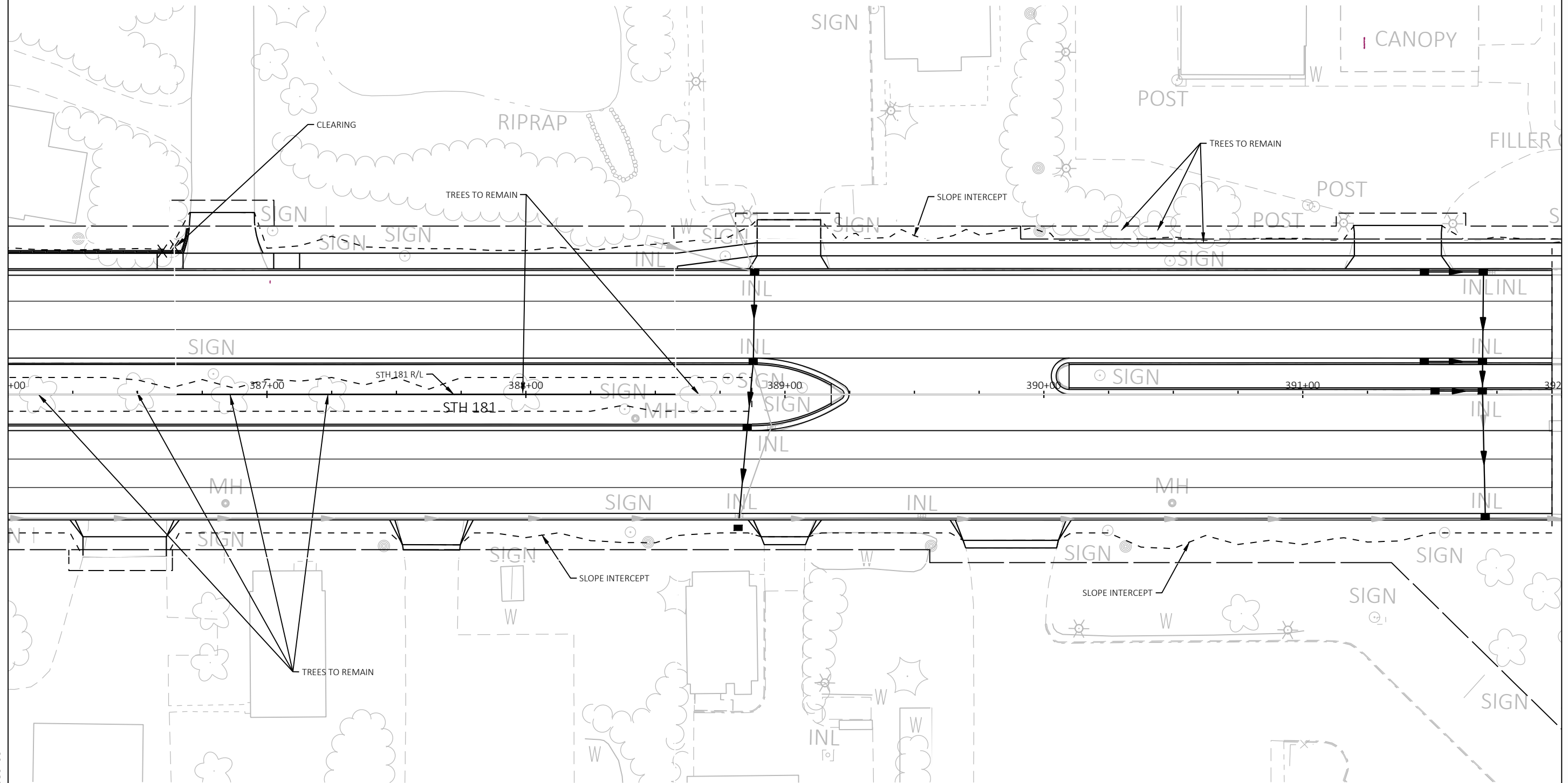
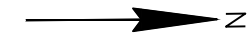
COUNTY: OZAUCKEE

CLEARING PLAN - SITE 22

SHEET

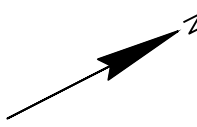
E

*FOR INFORMATION ONLY

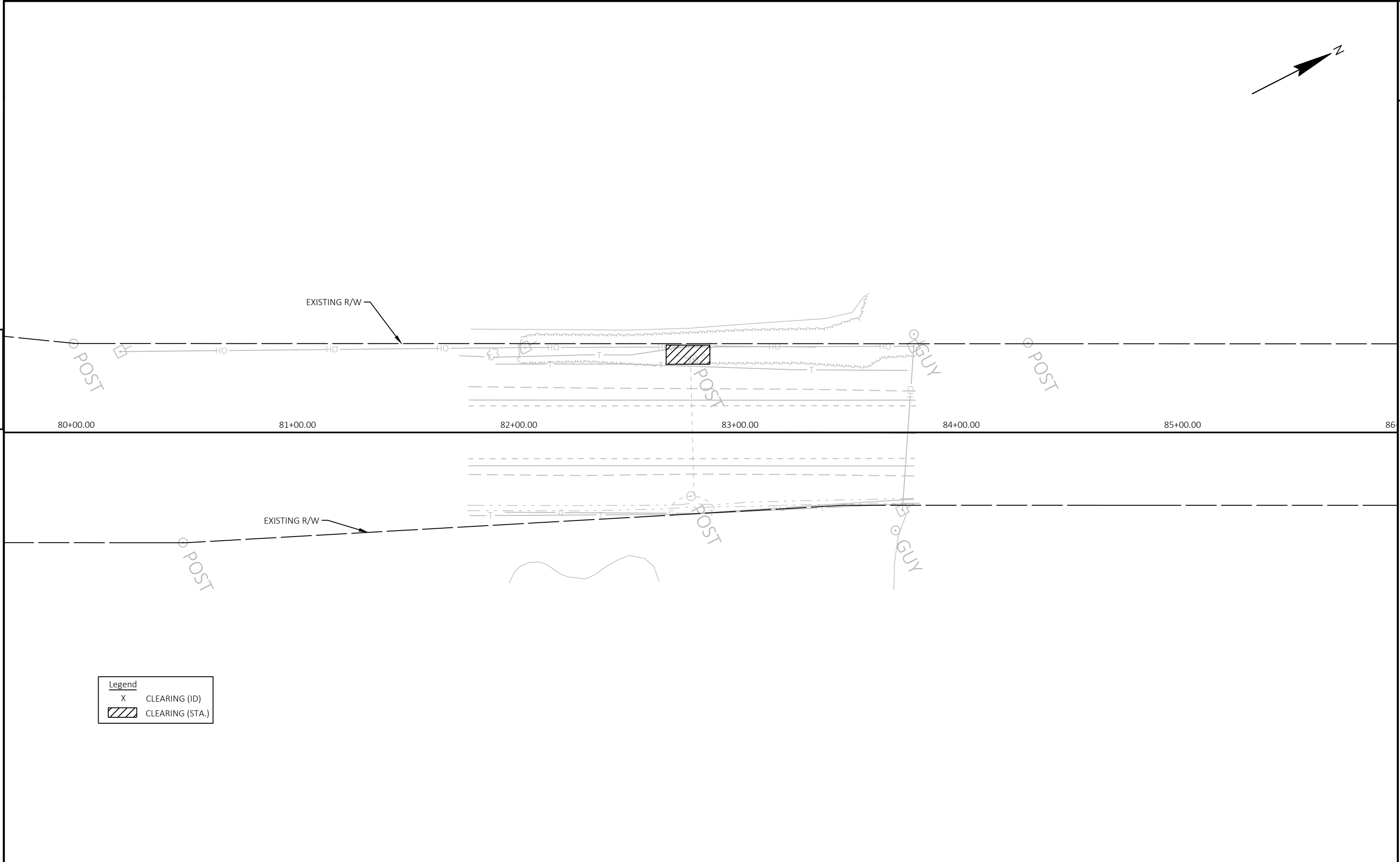


MATCH LINE 386+00

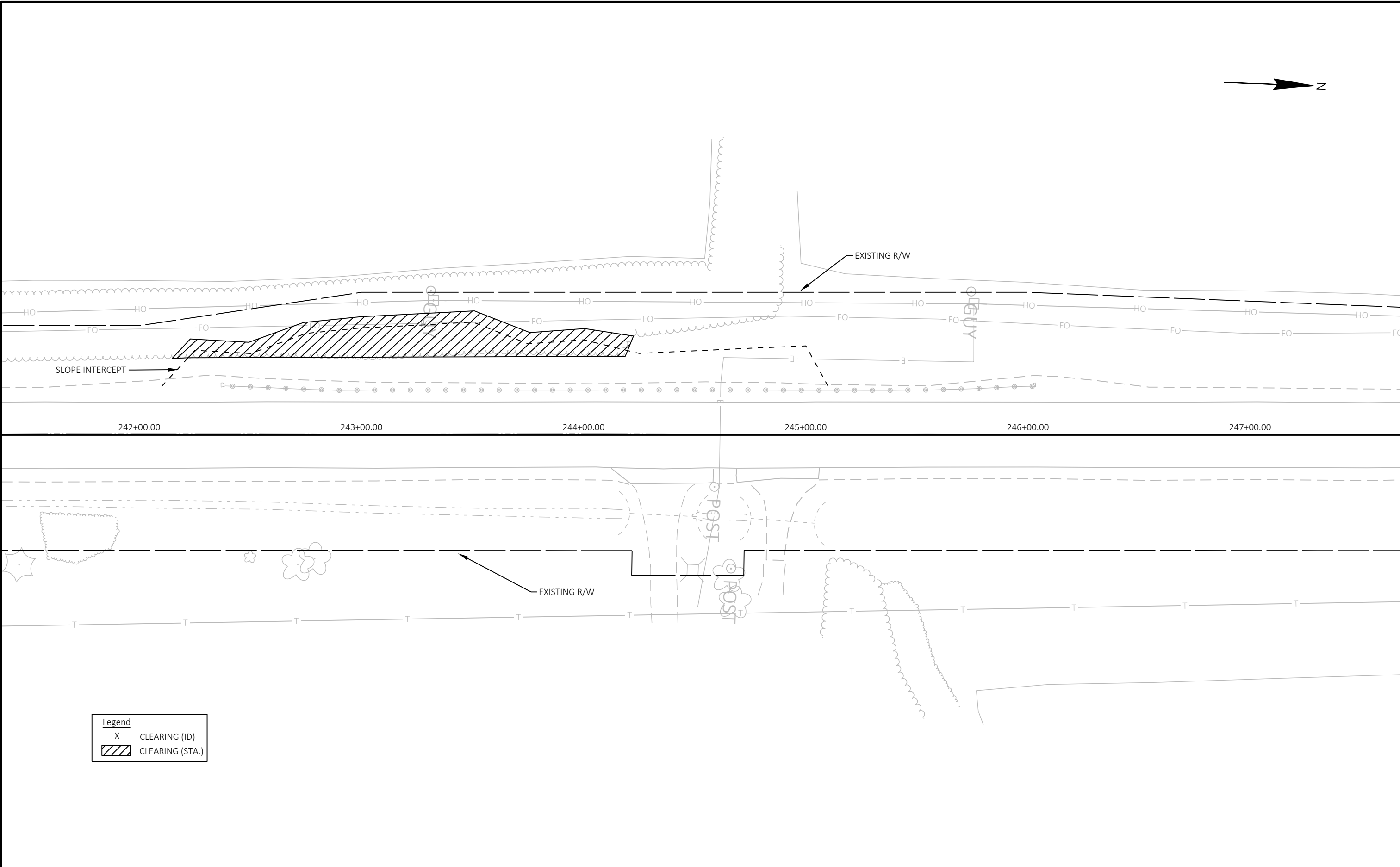
MATCH LINE 392+00

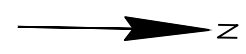


5

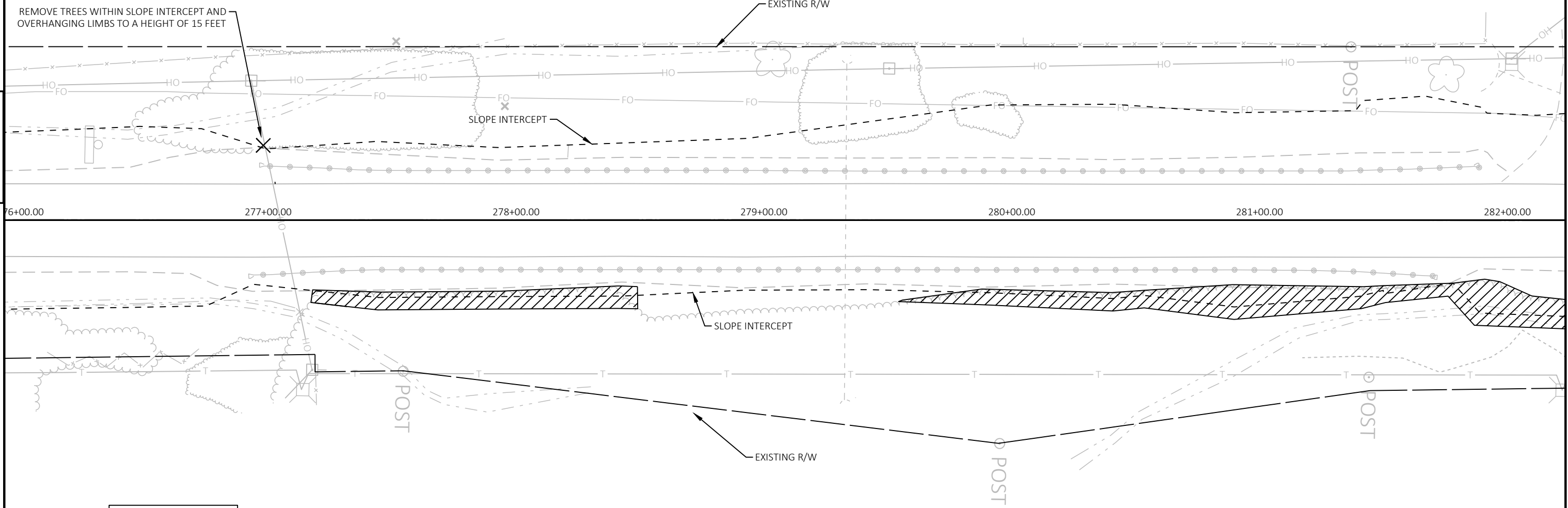


PROJECT NO: 3742-03-70	HWY: STH 89	COUNTY: WALWORTH	CLEARING PLAN - SITE 23	SHEET	E
------------------------	-------------	------------------	-------------------------	-------	---





5



Legend

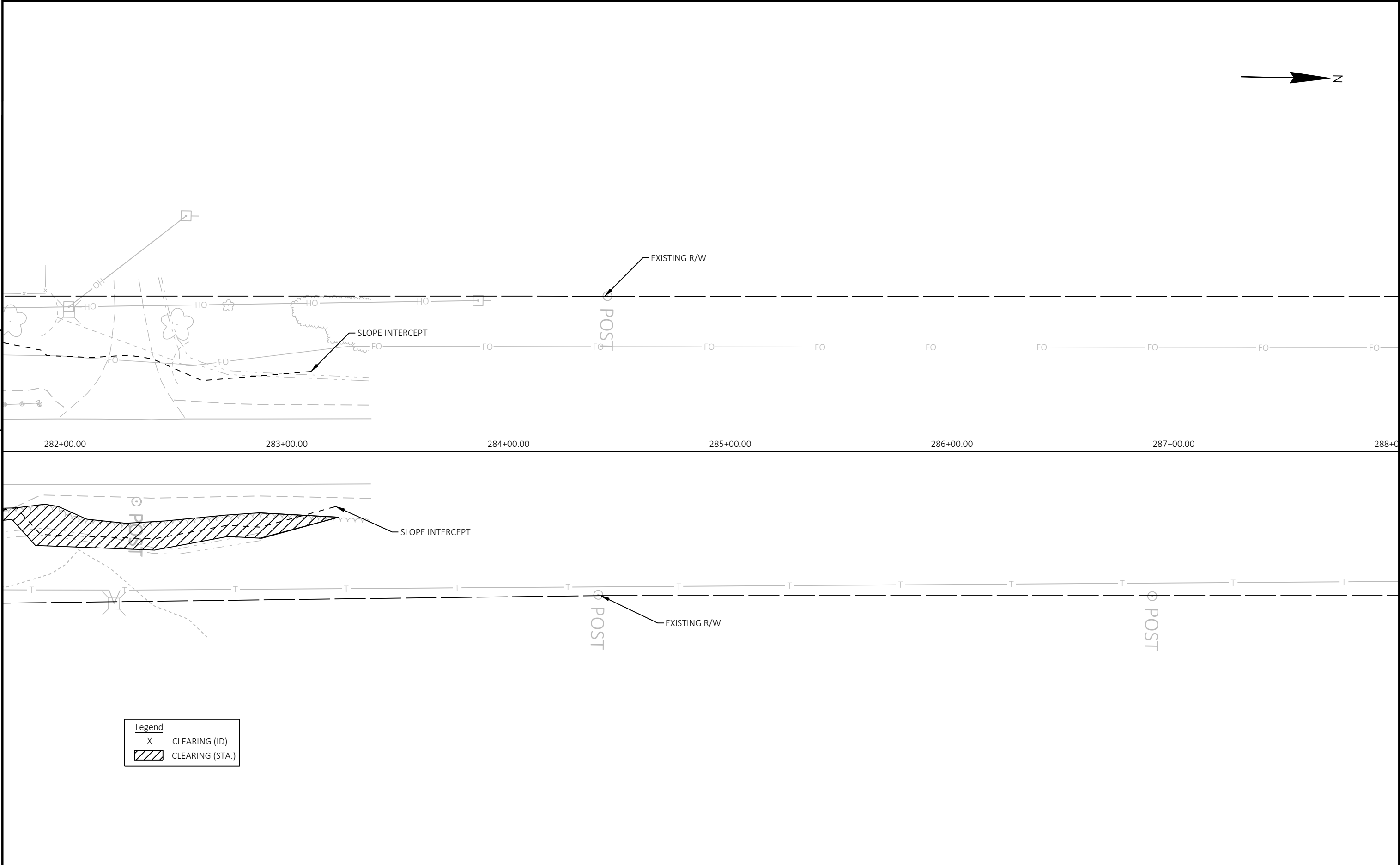
X

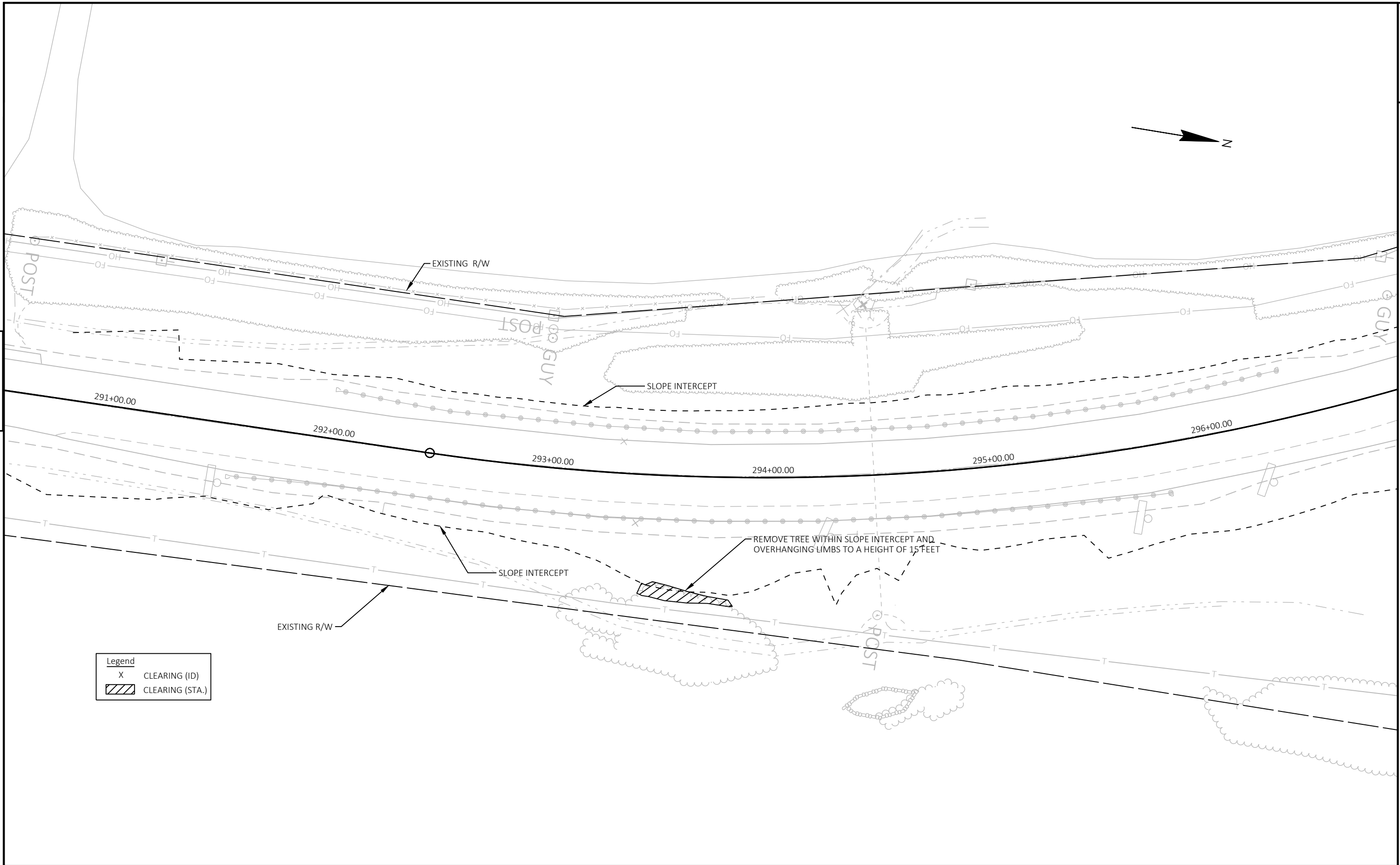
CLEARING (ID)

CLEARING (STA.)



5





LEGEND

OR

X

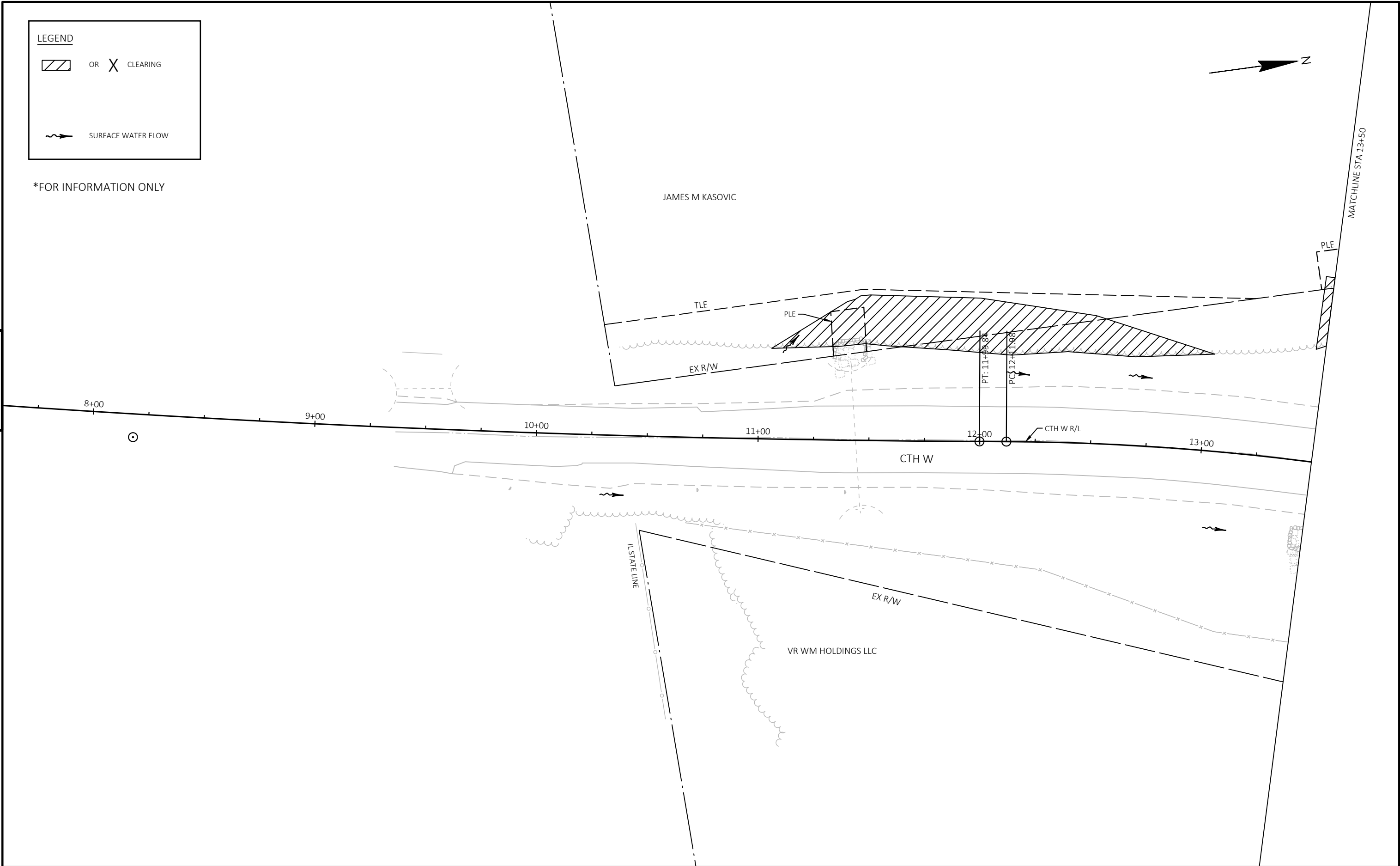
 CLEARING

 SURFACE WATER FLOW

*FOR INFORMATION ONLY

5

5



PROJECT NO: 3742-03-70	HWY: CTH W	COUNTY: KENOSHA	CLEARING PLAN - SITE 24	SHEET	E
------------------------	------------	-----------------	-------------------------	-------	---

LEGEND

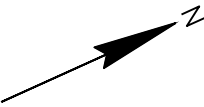
OR

X

 CLEARING

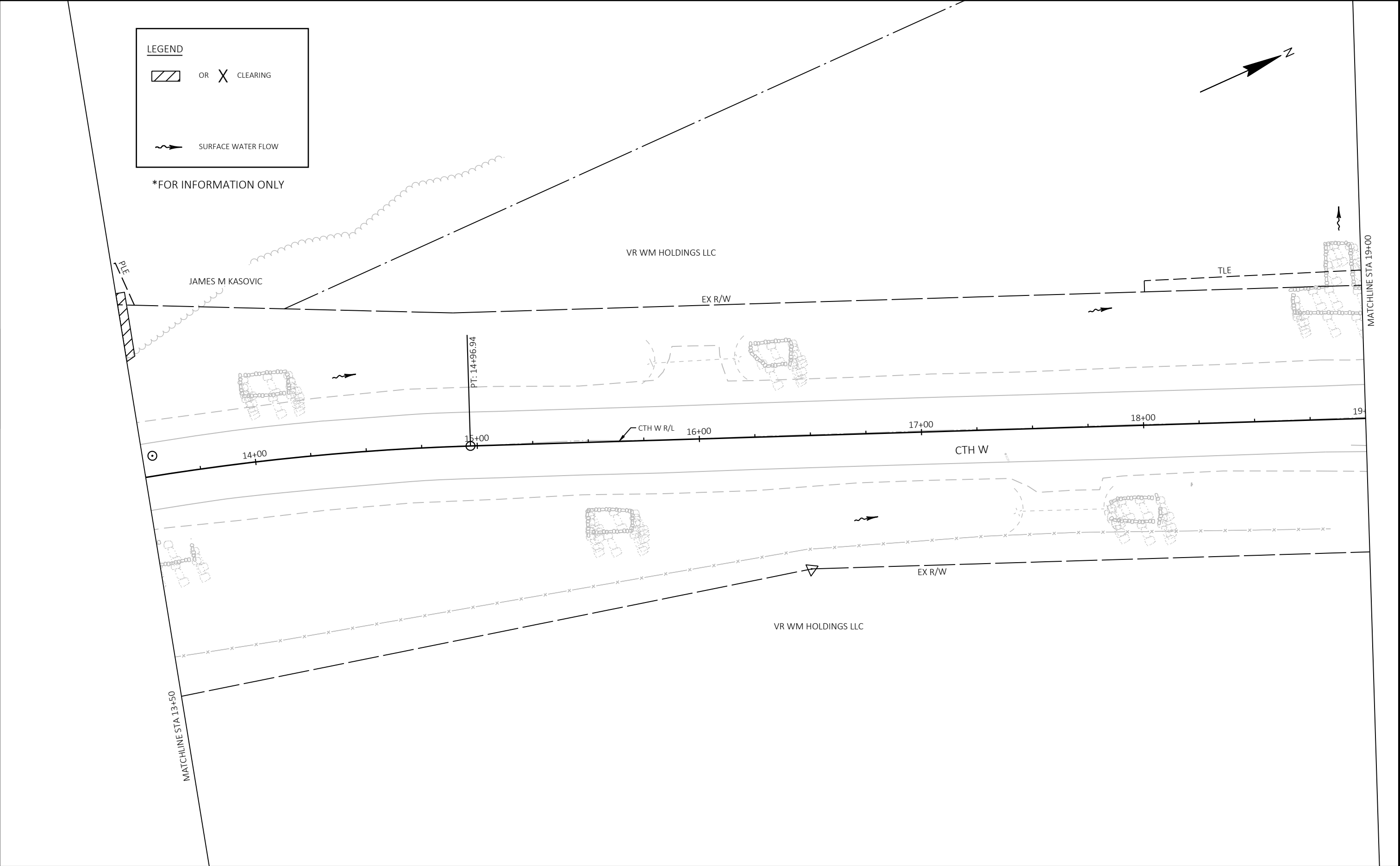
SURFACE WATER FLOW

*FOR INFORMATION ONLY



5

5



PROJECT NO: 3742-03-70	HWY: CTH W	COUNTY: KENOSHA	CLEARING PLAN - SITE 24	SHEET	E
------------------------	------------	-----------------	-------------------------	-------	---

5

5

LEGEND

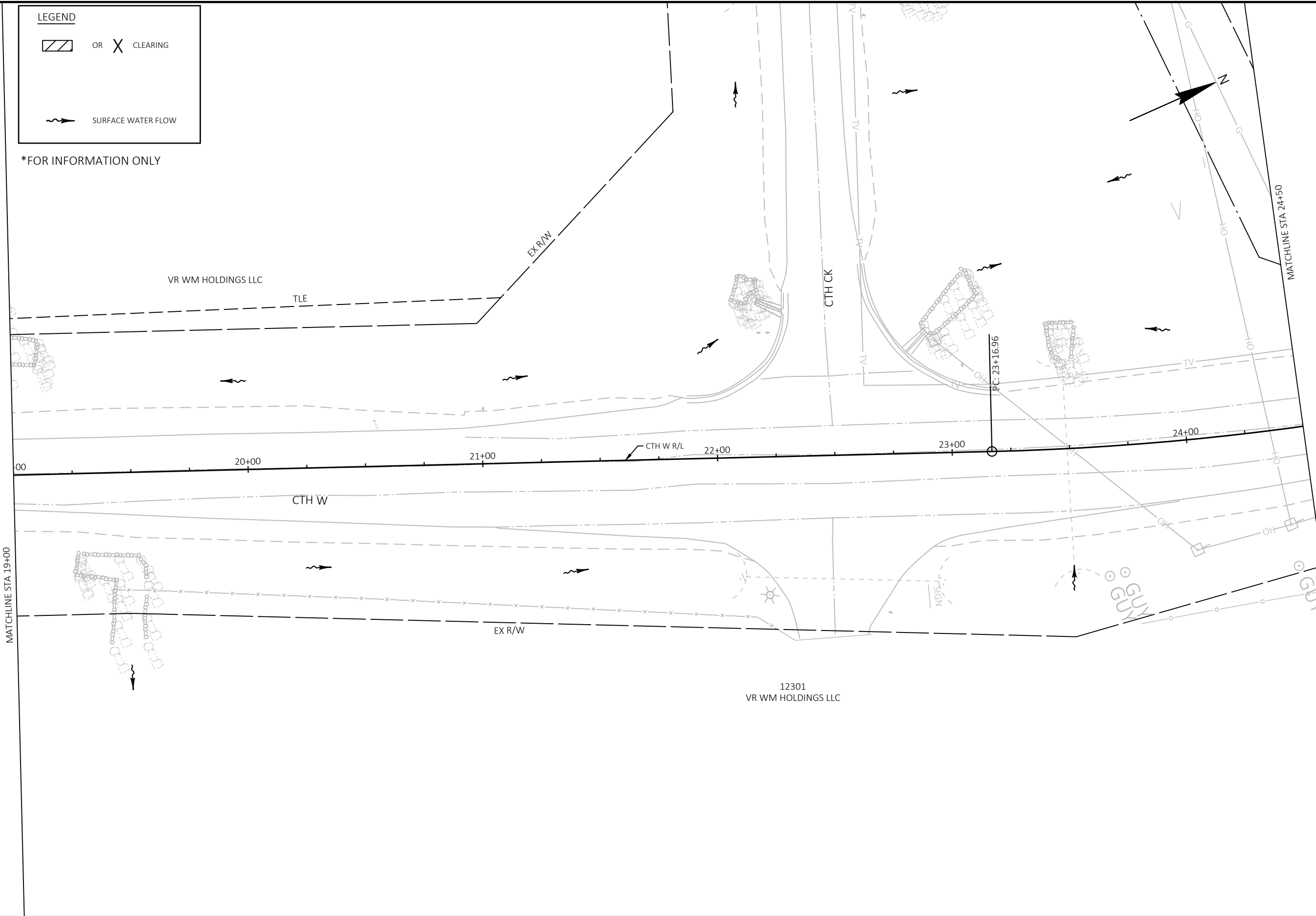
OR

X

CLEARING

SURFACE WATER FLOW

*FOR INFORMATION ONLY



*FOR INFORMATION ONLY

LEGEND

OR

X

 CLEARING

 SURFACE WATER FLOW

12400
GENEVA 12400 WILMOT LLC

TLE

PROP R/W

EX R/W

CTH W R/L

CTH W

PROP R/W

TLE

12301
VR WM HOLDINGS LLC

12415
ALLSOPP

12301
VR WM HOLDINGS LLC

PROJECT NO: 3742-03-70

HWY: CTH W

COUNTY: KENOSHA

CLEARING PLAN - SITE 24

SHEET

E

FILE NAME : T:\1210011\DOC\ID IQ TREE CLEARING\C3D FILES\Q21201-PD-TREECLEAR.DWG
LAYOUT NAME - 4

PLOT DATE : 5/6/2025 7:50 AM

PLOT BY : GEHRING, ALEX

PLOT NAME :

PLOT SCALE : 1 IN:40 FT

WISDOT/CADDs SHEET 44

LEGEND

 OR  CLEARING

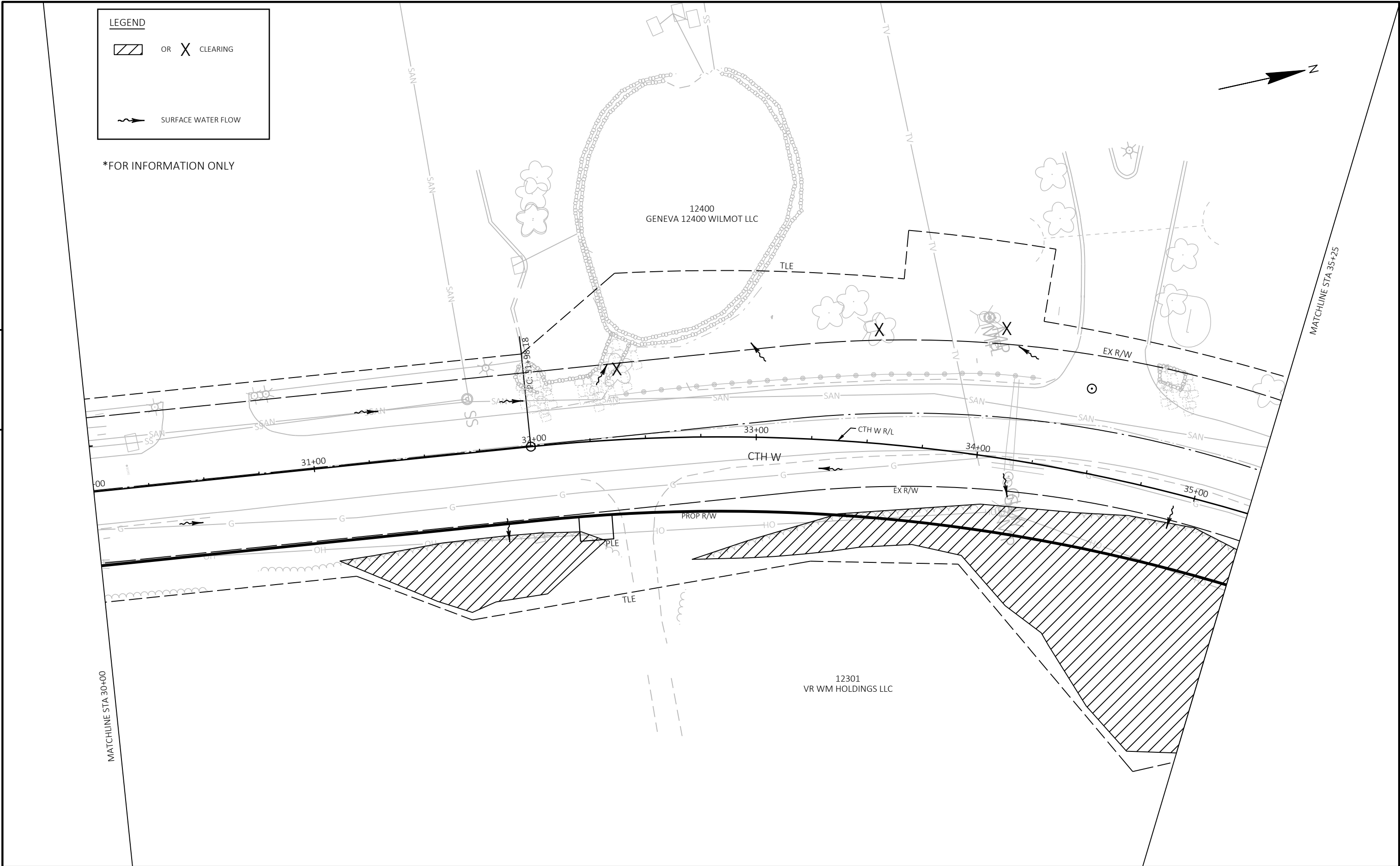
 SURFACE WATER FLOW

*FOR INFORMATION ONLY



5

5



PROJECT NO: 3742-03-70	HWY: CTH W	COUNTY: KENOSHA	CLEARING PLAN - SITE 24	SHEET	E
------------------------	------------	-----------------	-------------------------	-------	---

LEGEND

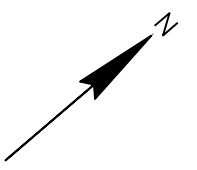
OR

X

 CLEARING

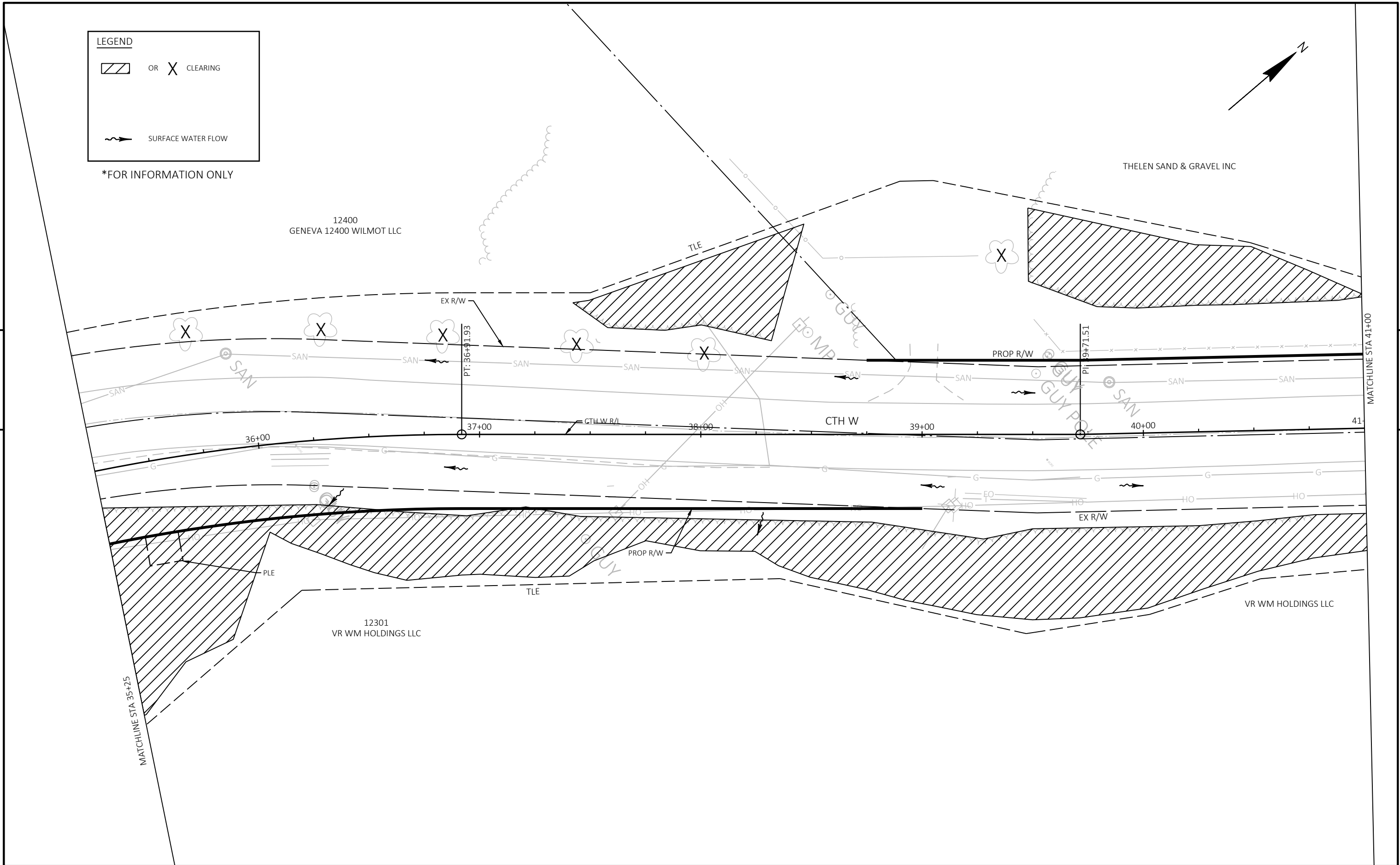
 SURFACE WATER FLOW

*FOR INFORMATION ONLY



5

5



PROJECT NO: 3742-03-70	HWY: CTH W	COUNTY: KENOSHA	CLEARING PLAN - SITE 24	SHEET	E
------------------------	------------	-----------------	-------------------------	-------	---

5

LEGEND

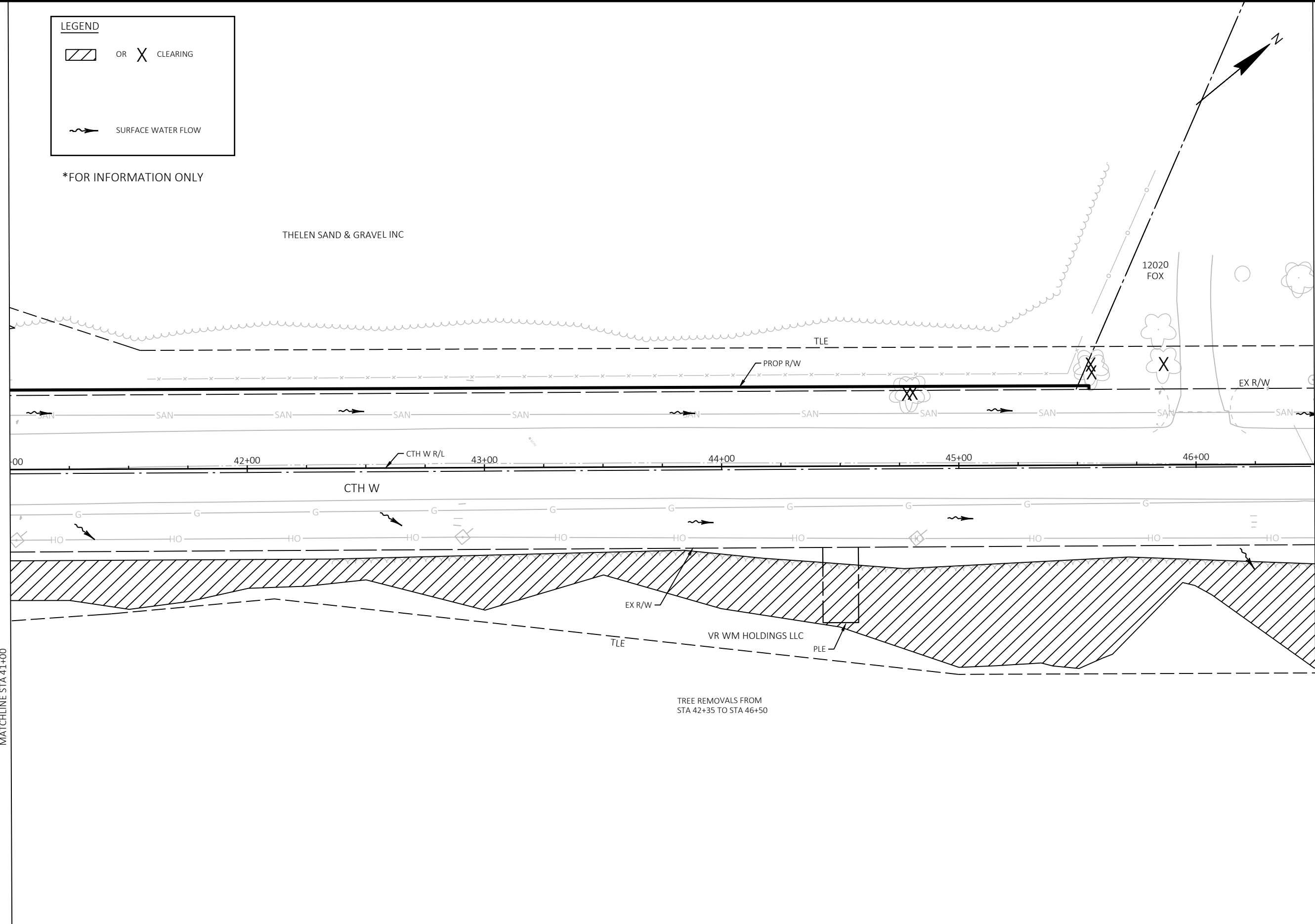
OR

X

 CLEARING

SURFACE WATER FLOW

*FOR INFORMATION ONLY



5

*FOR INFORMATION ONLY

LEGEND

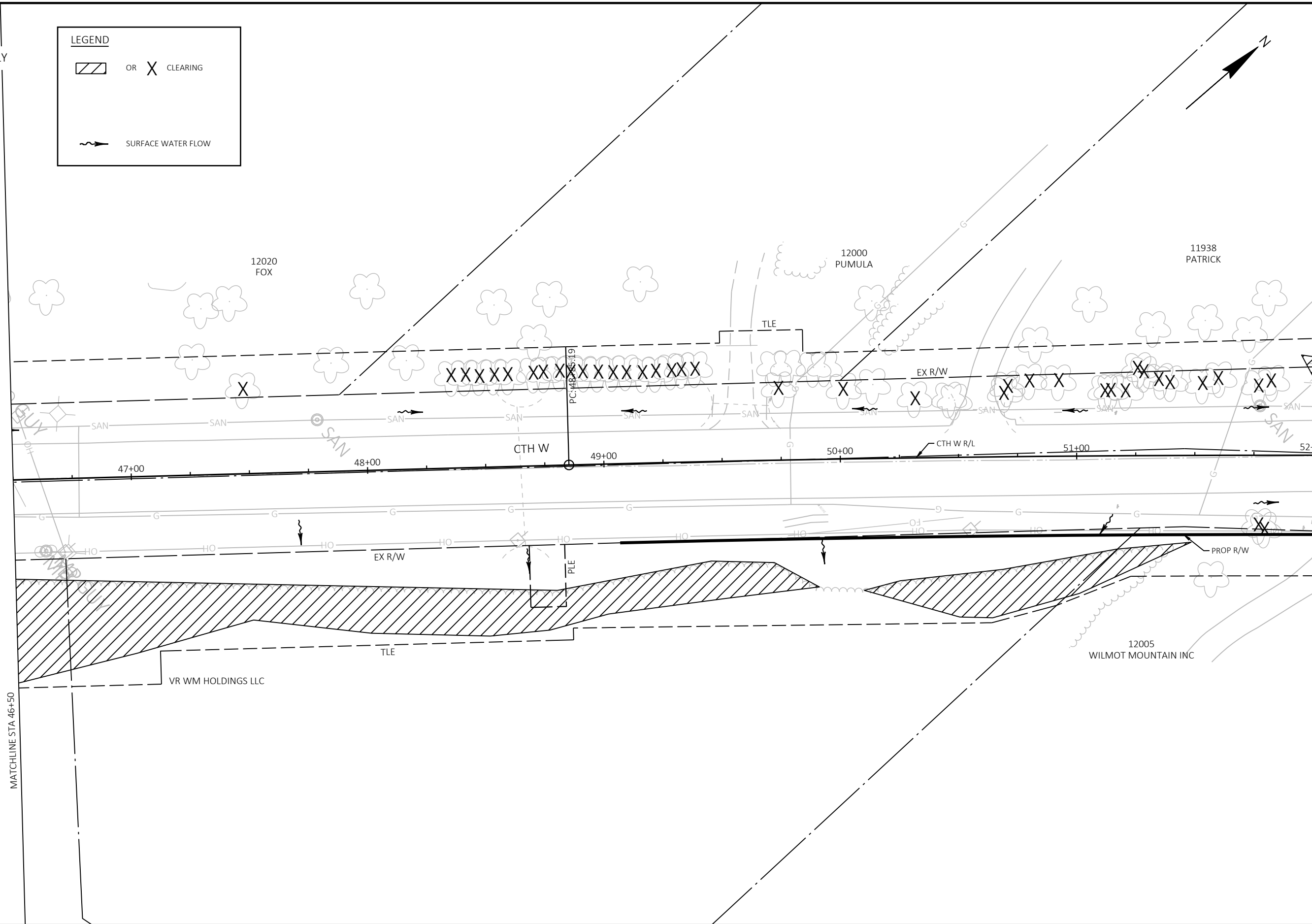
OR

X

 CLEARING

SURFACE WATER FLOW

5



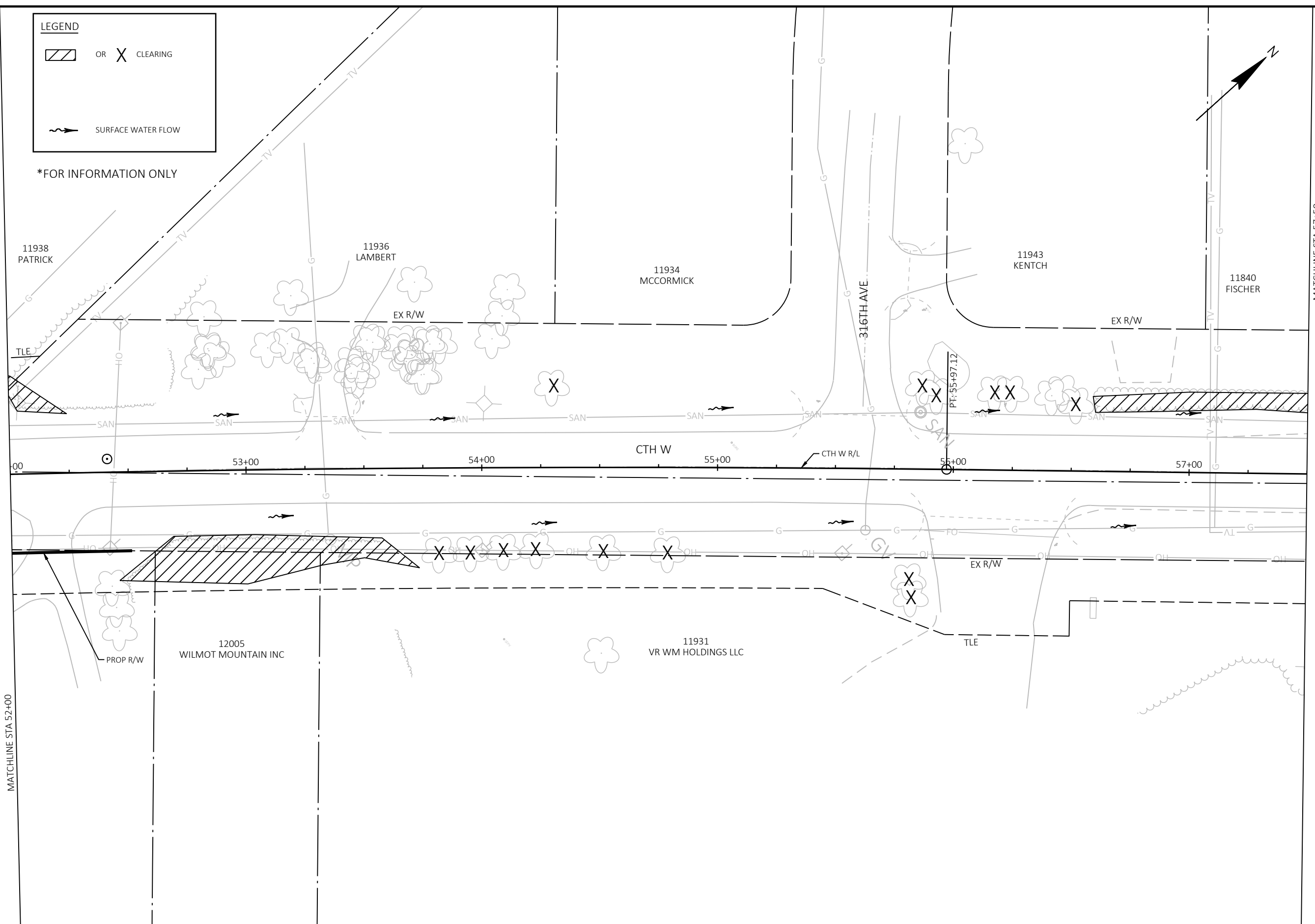
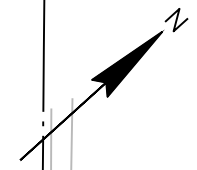
5

LEGEND

 OR  CLEARING

 SURFACE WATER FLOW

*FOR INFORMATION ONLY



5

5

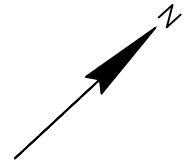
PROJECT NO: 3742-03-70	HWY: CTH W	COUNTY: KENOSHA	CLEARING PLAN - SITE 24	SHEET	E
------------------------	------------	-----------------	-------------------------	-------	---

LEGEND

 OR  CLEARING

 SURFACE WATER FLOW

*FOR INFORMATION ONLY



11840
FISCHER

11838
BURTON FAMILY
REVOCABLE LIVING
TRUST

11834
CRAKES

11824
SZAFRAN

11812
RUNYAN

EX R/W

EX R/W

CTH W

CTH W R/L

MATCHLINE STA 57+50

MATCHLINE STA 63+00

11931
VR WM HOLDINGS LLC

11835
MORTON

11825
KNOLL

11805
KNOLL

PROJECT NO: 3742-03-70

HWY: CTH W

COUNTY: KENOSHA

CLEARING PLAN - SITE 24

SHEET

E

5

5

LEGEND

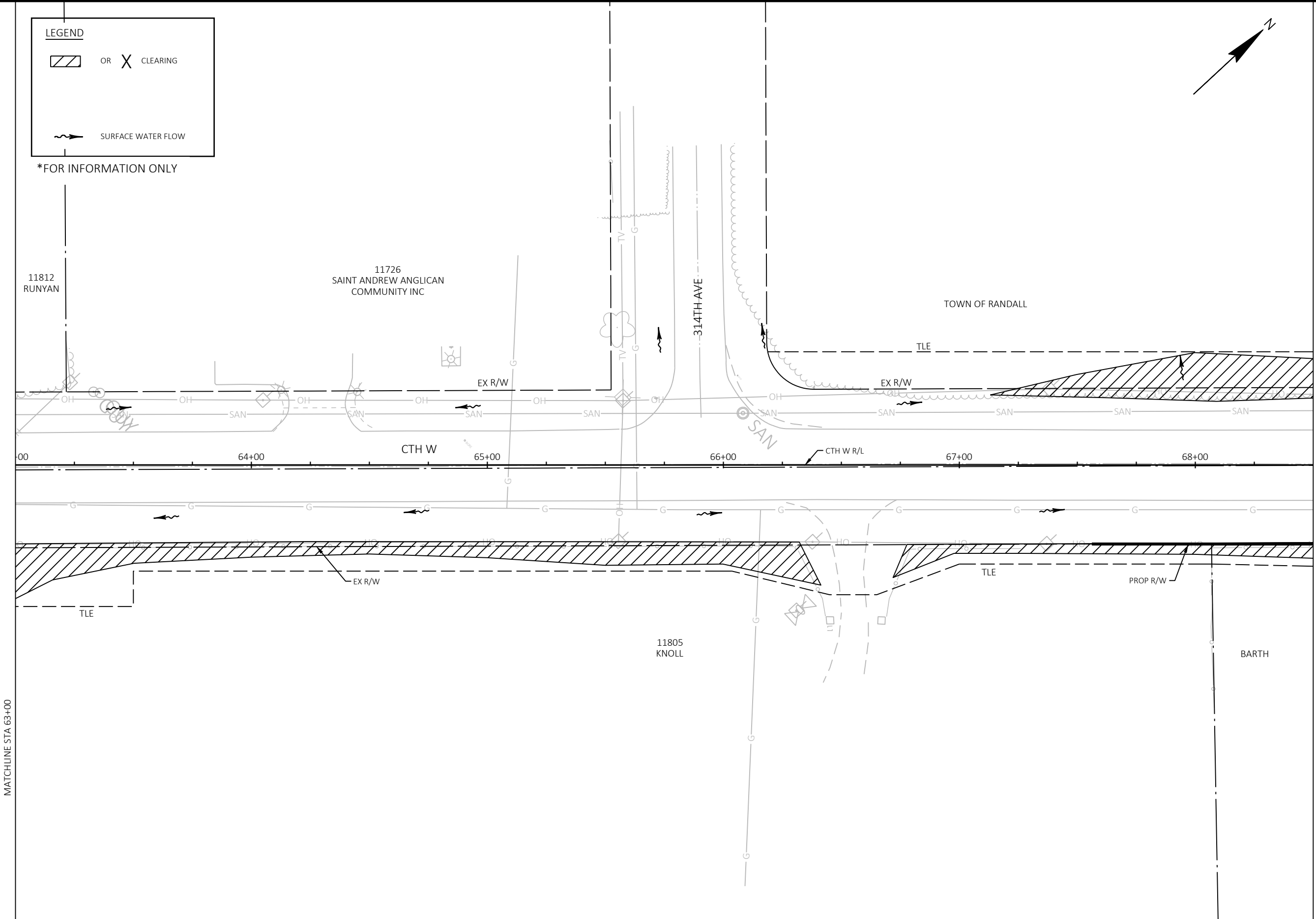
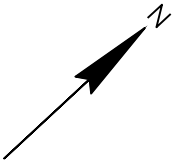
OR

X

 CLEARING

SURFACE WATER FLOW

*FOR INFORMATION ONLY



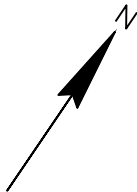
PROJECT NO: 3742-03-70	HWY: CTH W	COUNTY: KENOSHA	CLEARING PLAN - SITE 24	SHEET	E
------------------------	------------	-----------------	-------------------------	-------	---

LEGEND

 OR  CLEARING

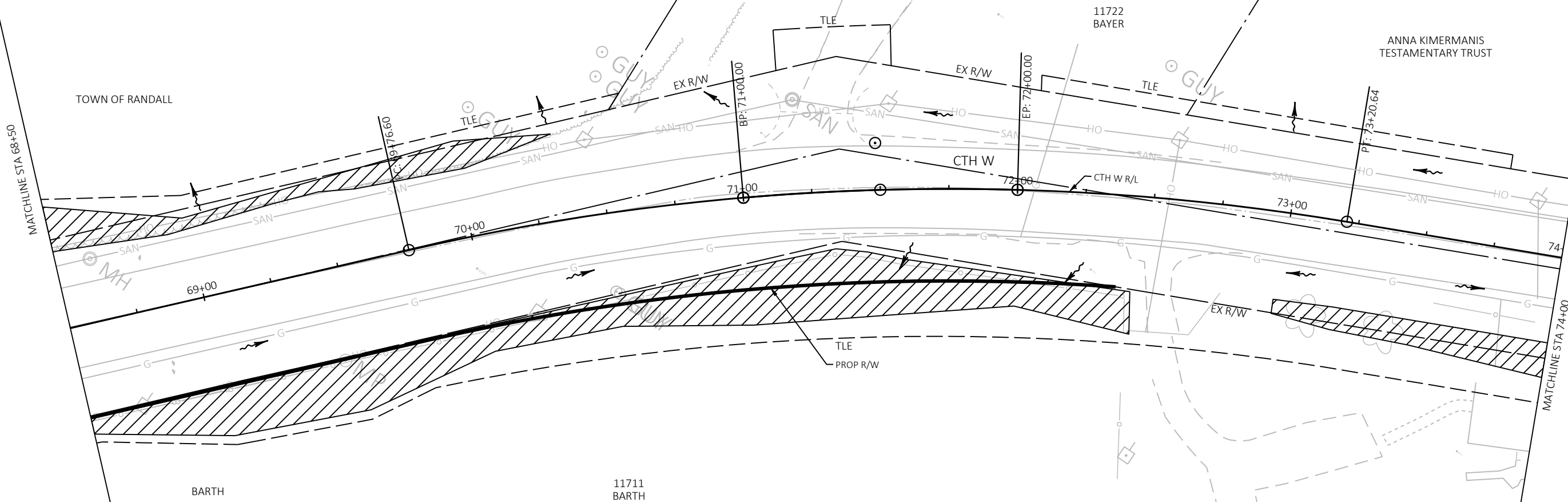
 SURFACE WATER FLOW

*FOR INFORMATION ONLY



5

5



PROJECT NO: 3742-03-70	HWY: CTH W	COUNTY: KENOSHA	CLEARING PLAN - SITE 24	SHEET E
------------------------	------------	-----------------	-------------------------	---------

*FOR INFORMATION ONLY

LEGEND

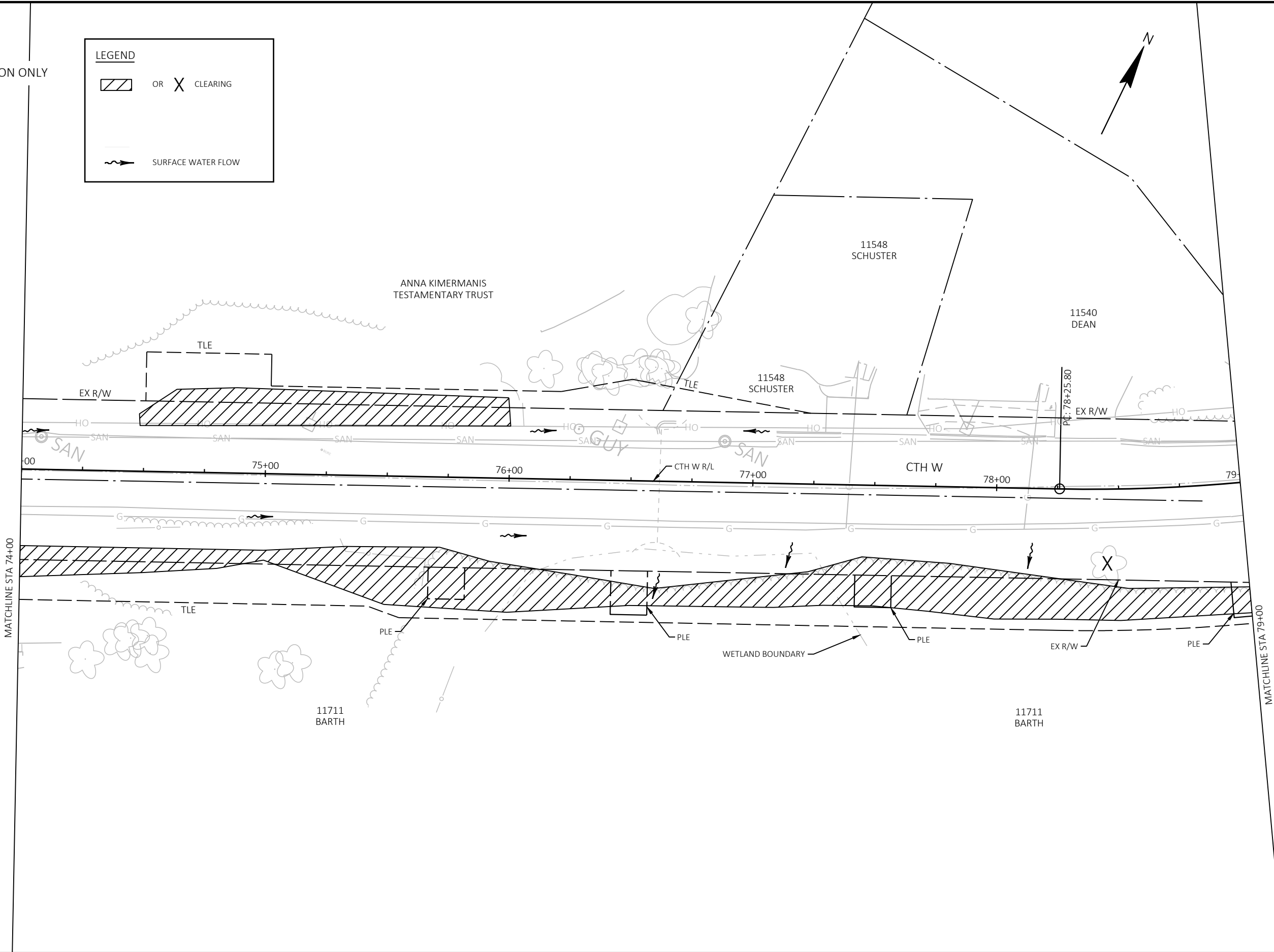
OR

X

 CLEARING

 SURFACE WATER FLOW

5



5

*FOR INFORMATION ONLY

LEGEND

OR

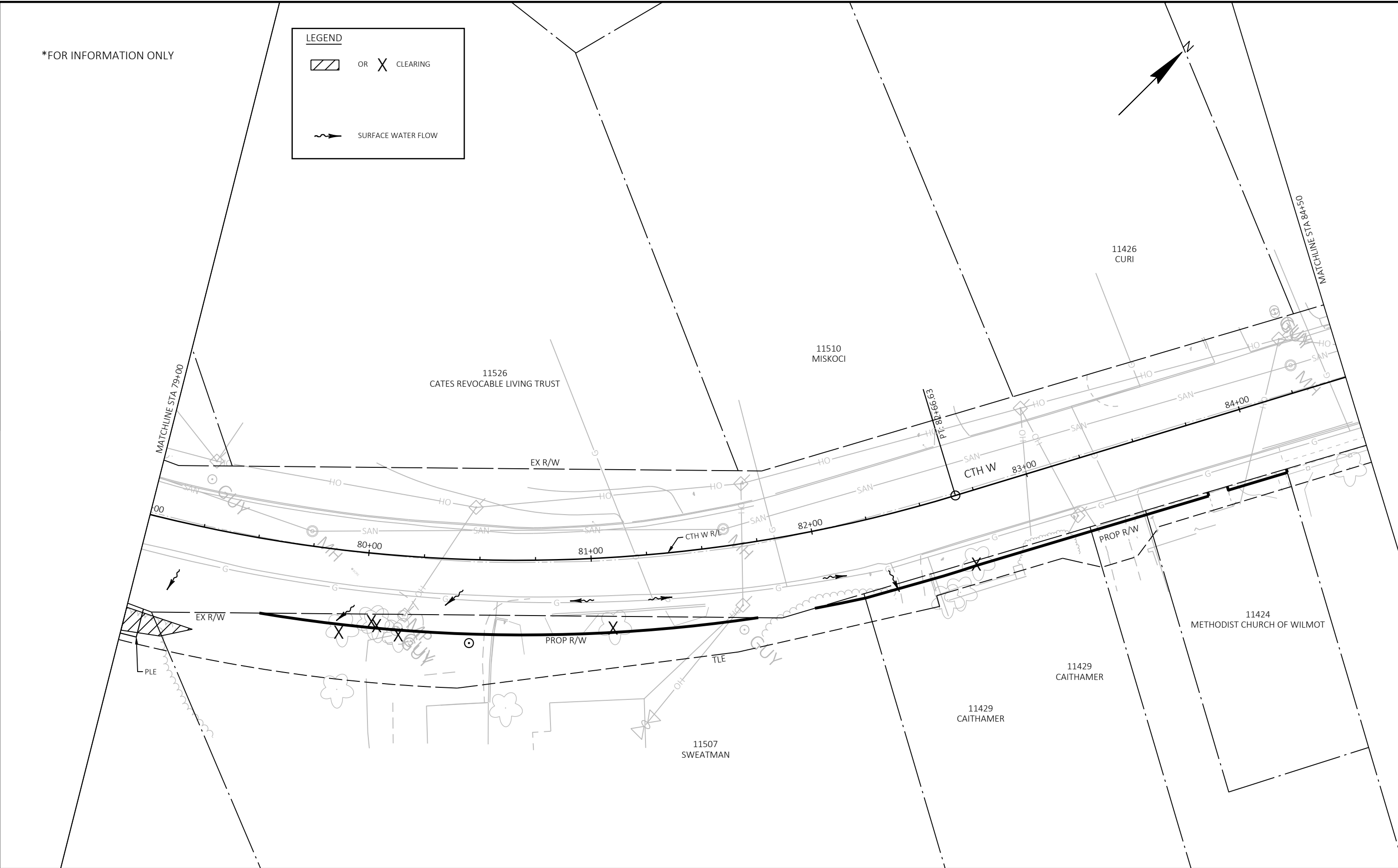
X

 CLEARING

SURFACE WATER FLOW

5

5



PROJECT NO: 3742-03-70	HWY: CTH W	COUNTY: KENOSHA	CLEARING PLAN - SITE 24	SHEET E
------------------------	------------	-----------------	-------------------------	---------

5

5



5

*FOR INFORMATION ONLY

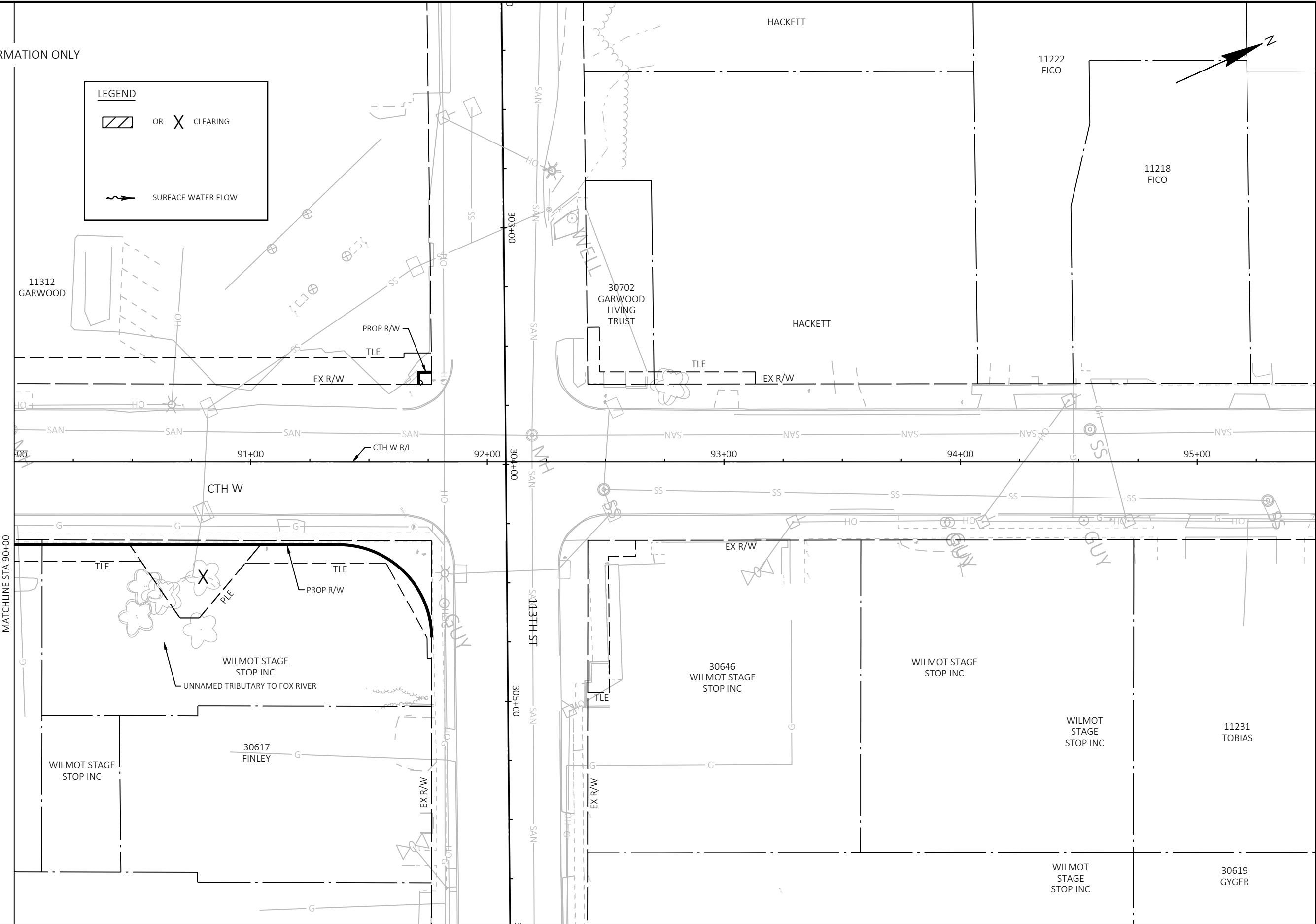
LEGEND

OR

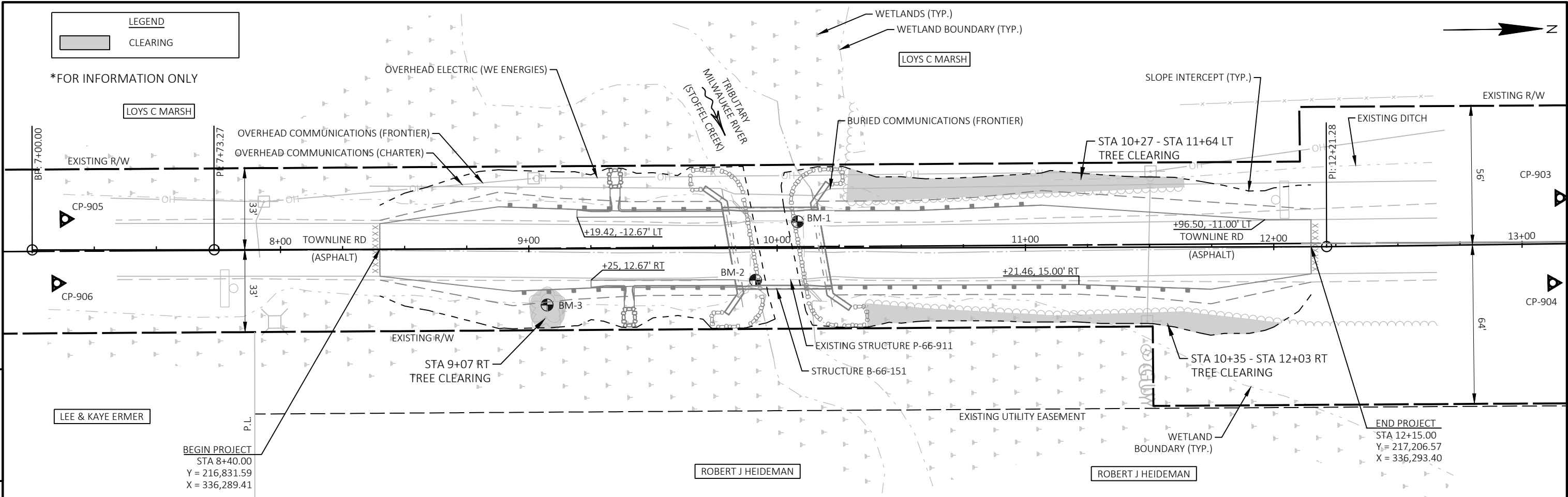
X

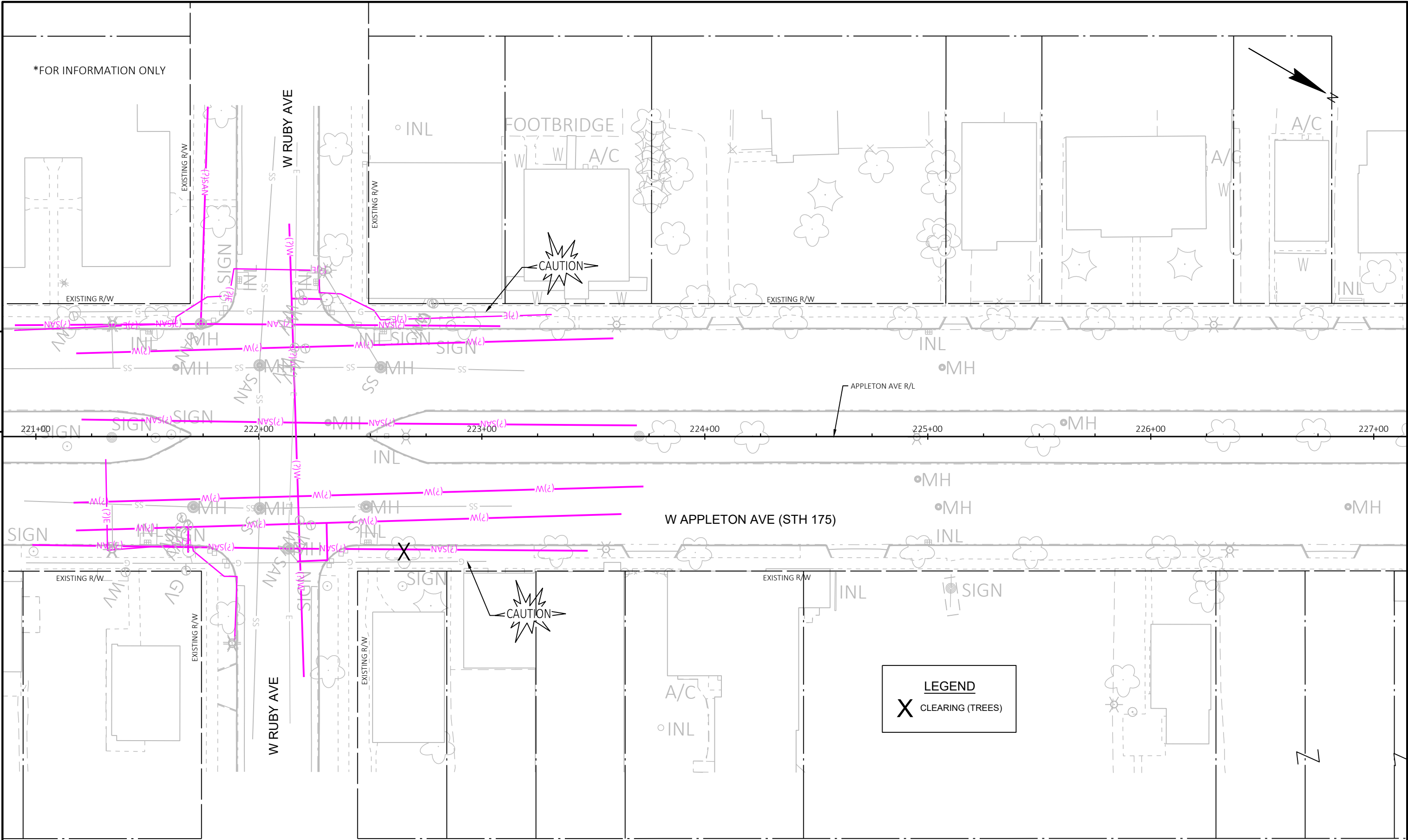
CLEARING

SURFACE WATER FLOW

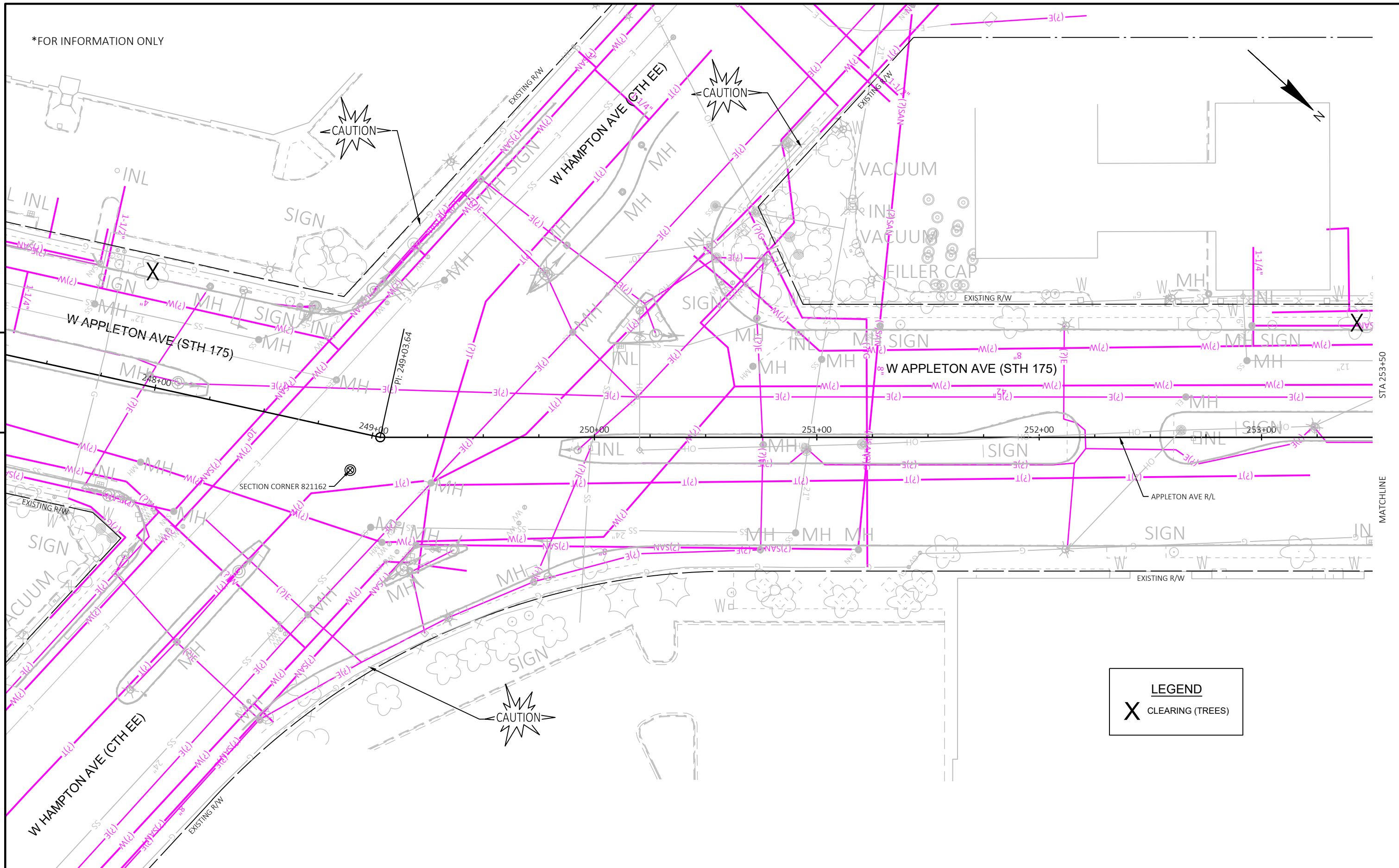


5





*FOR INFORMATION ONLY



PROJECT NO:	3742-03-70
-------------	------------

HWY: STH 175

COUNTY: MILWAUKEE

CLEARING PLAN - SITE 30

SHEET

1

FILE NAME : N:\PDS\C3D\20100302\SHEETSOETHER\TREE REMOVAL - 175.DWG
LAYOUT NAME - 03

PLOT DATE : 5/21/2025 12:54 PM

PLOT BY : OATES, KYLE

PLOT NAME :

PLOT SCALE : 1 IN:40 FT

WISDOT/CADDs SHEET 44

*FOR INFORMATION ONLY

5

STA 253+50

MATCHLINE

5

STA 259+50

MATCHLINE

W GRANTOSA DR

W APPLETON AVE (STH 175)

LEGEND

X CLEARING (TREES)

PROJECT NO: 3742-03-70

HWY: STH 175

COUNTY: MILWAUKEE

CLEARING PLAN - SITE 30

SHEET

E

FILE NAME : N:\PDS\C3D\20100302\SHEETS\OTHER\TREE REMOVAL - 175.DWG
LAYOUT NAME - 04

PLOT DATE : 5/21/2025 12:54 PM

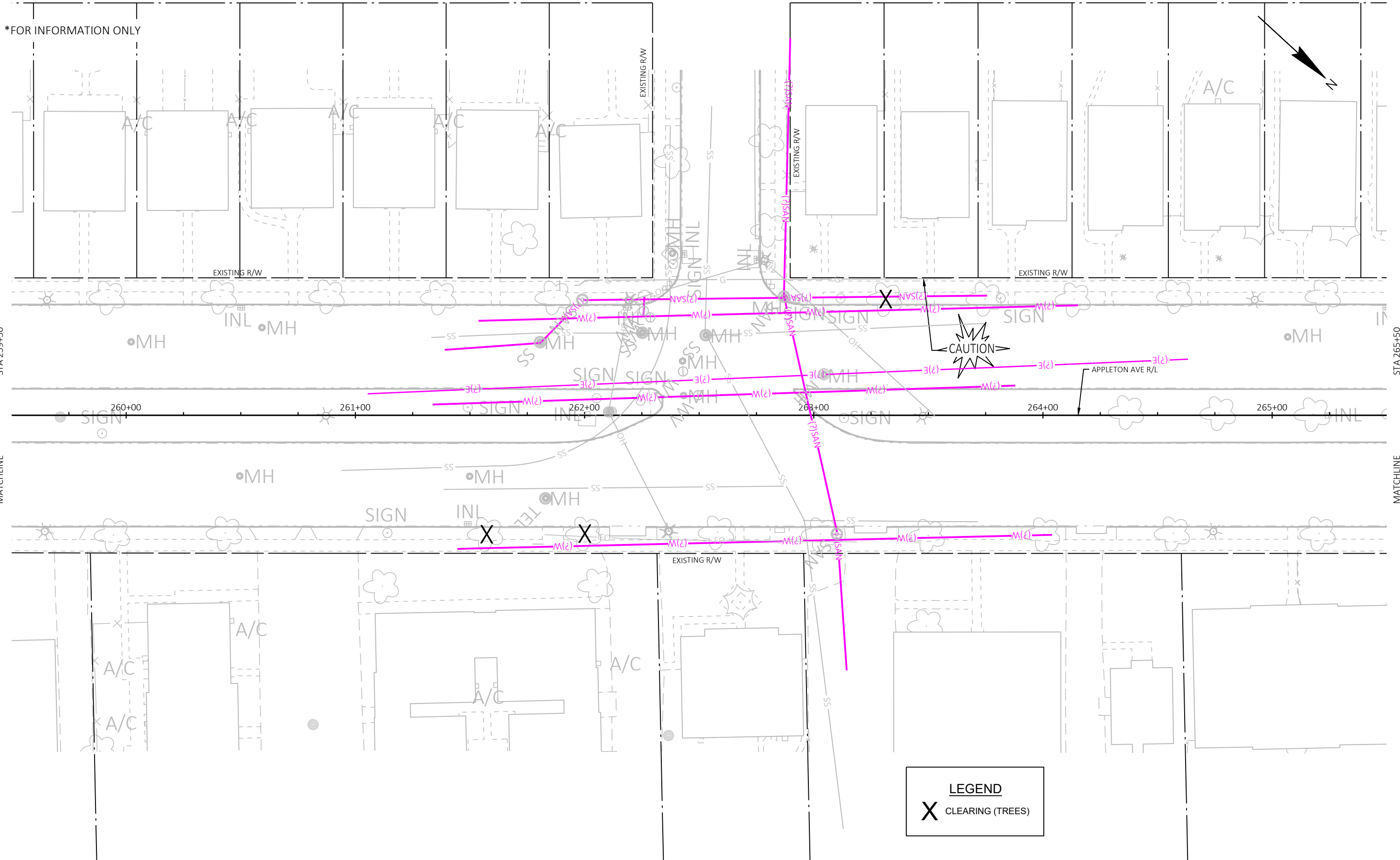
PLOT BY : OATES, KYLE

PLOT NAME :

PLOT SCALE : 1 IN=40 FT

WISDOT/CADDs SHEET 44

*FOR INFORMATION ONLY



PROJECT NO: 3742-03-70

HWY: STH 175

COUNTY: MILWAUKEE

CLEARING PLAN - SITE 30

SHEET

E

FILE NAME : N:\PDS\C3D\20100302\SHEET\OTHER\TREE REMOVAL - 175.DWG
LAYOUT NAME - 05

PLOT DATE : 5/21/2025 12:54 PM

PLOT BY : OATES, KYLE

PLOT NAME :

PLOT SCALE : 1 IN=40 FT

WISDOT/CADDs SHEET 44

5



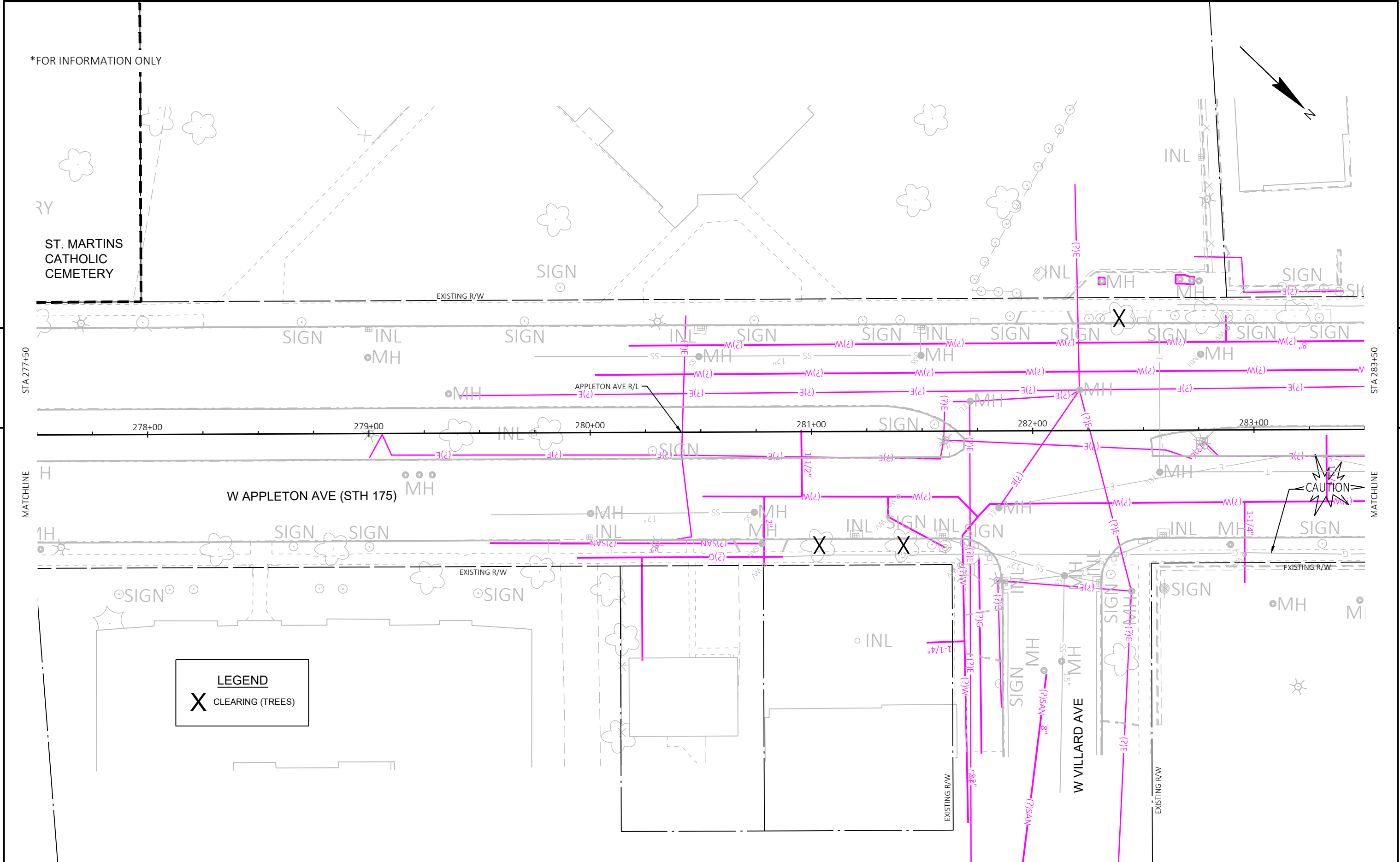
FILE NAME :	N:\PDS\C3D\20100302\SHEETSOTHER\TREE REMOVAL - 175.DWG	PLOT DATE :	5/21/2025 12:54 PM	PLOT BY :	OATES, KYLE	PLOT NAME :		PLOT SCALE :	1 IN=40 FT	WISDOT/CADD SHEET 4A
LAYOUT NAME :	- 06									

5



E

WISDOT/CADDS SHEET 44



*FOR INFORMATION ONLY

ST. MARTINS
CATHOLIC
CEMETERY

EXISTING R/W

INL

SIGN

SIGN

INL
MH

SIGN

INL

SIGN

SIGN

INL

SIGN

SIGN

SIGN

SIGN

SIGN

APPLETON AVE R/L

278+00

279+00

280+00

281+00

282+00

283+00

W APPLETON AVE (STH 175)

MH

INL

MH

INL

SIGN

INL

SIGN

INL

MH

INL

MH

SIGN

EXISTING R/W

SIGN

SIGN

INL

SIGN

MH

MH

SIGN

INL

MH

MH

LEGEND

X

CLEARING (TREES)

CAUTION

EXISTING R/W

EXISTING R/W

EXISTING R/W

PROJECT NO: 3742-03-70

HWY: STH 175

COUNTY: MILWAUKEE

CLEARING PLAN - SITE 30

SHEET

E

FILE NAME : N:\PDS\C3D\20100302\SHEET\OTHER\TREE REMOVAL - 175.DWG
LAYOUT NAME - 08

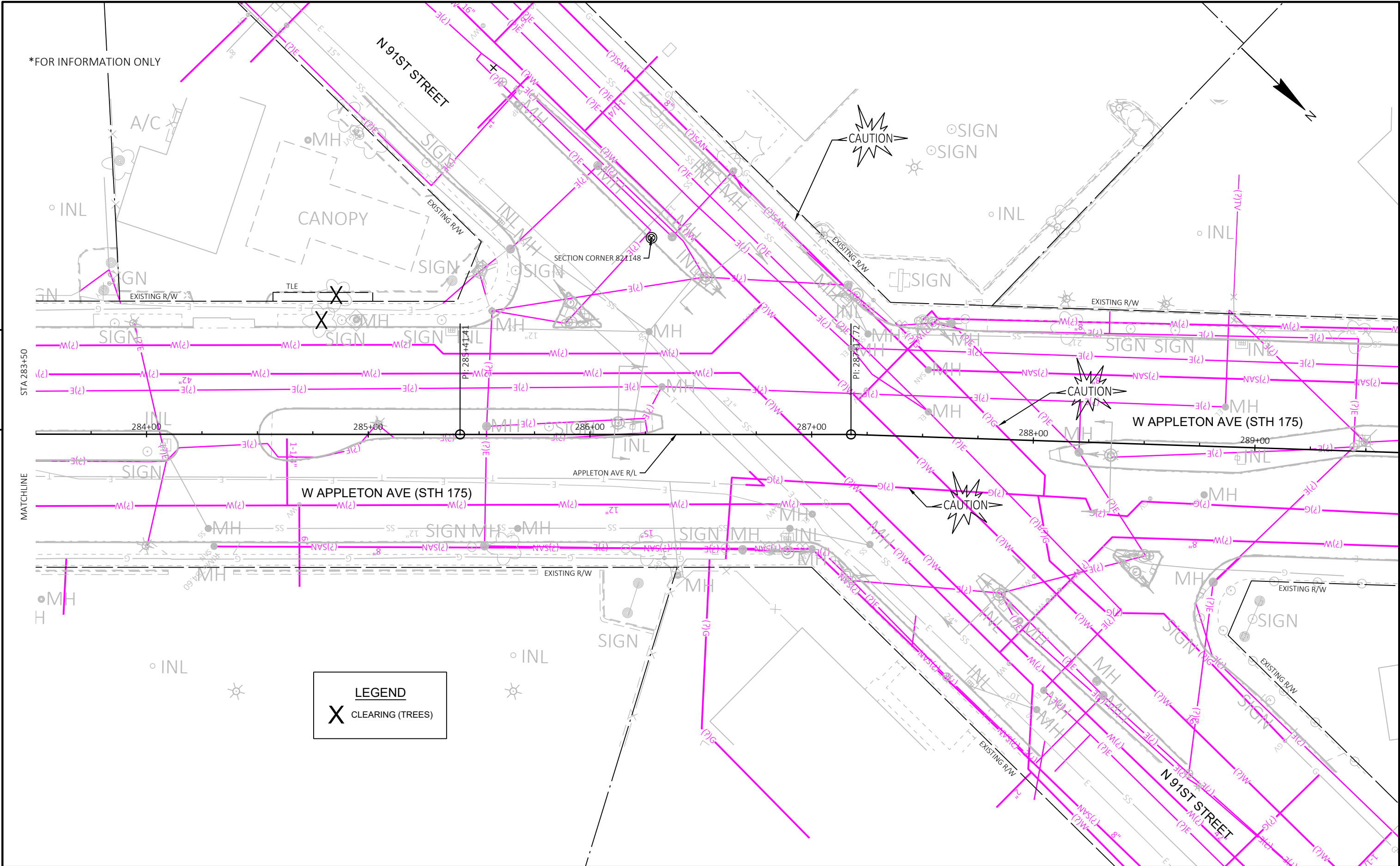
PLOT DATE : 5/21/2025 12:55 PM

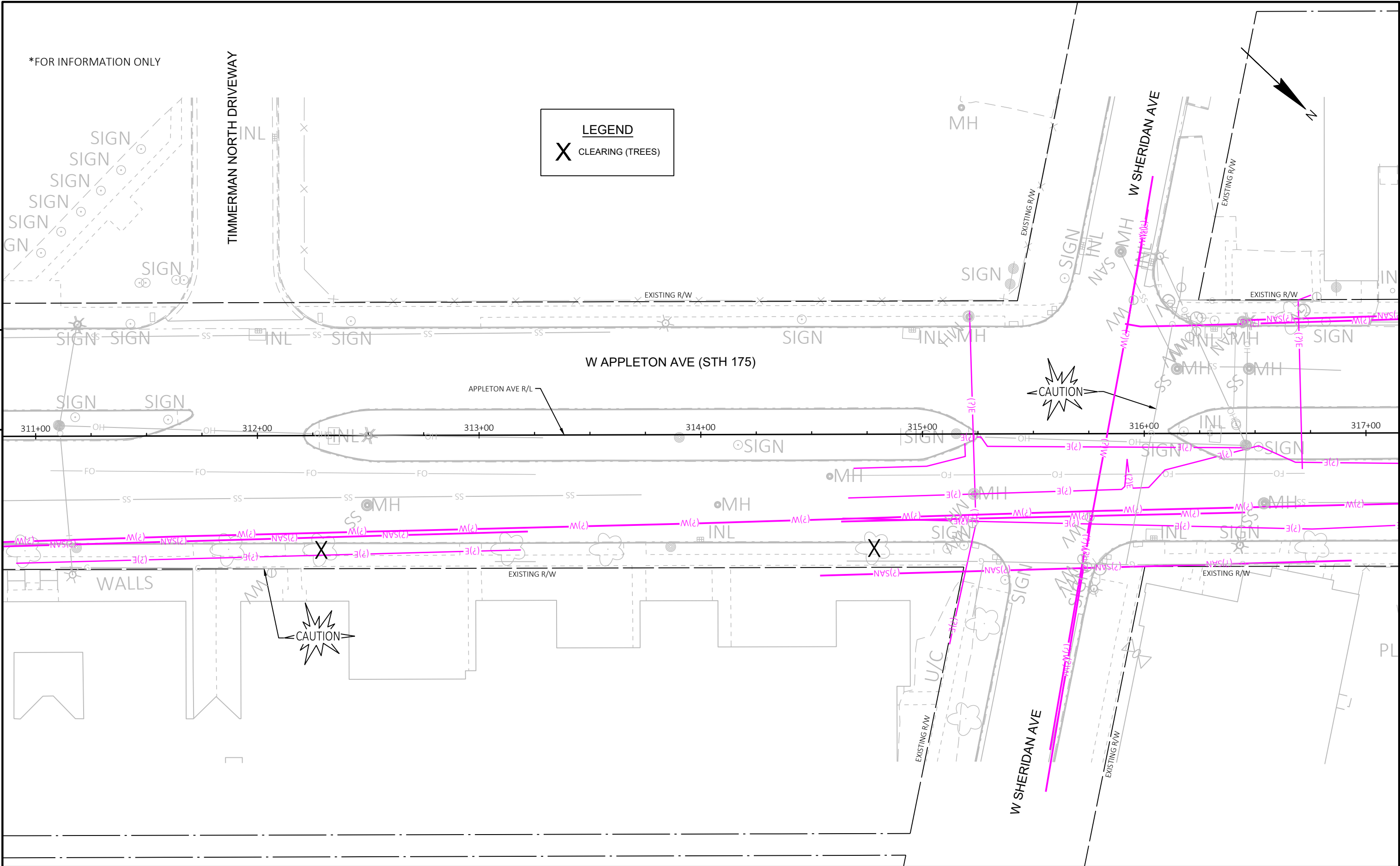
PLOT BY : OATES, KYLE

PLOT NAME :

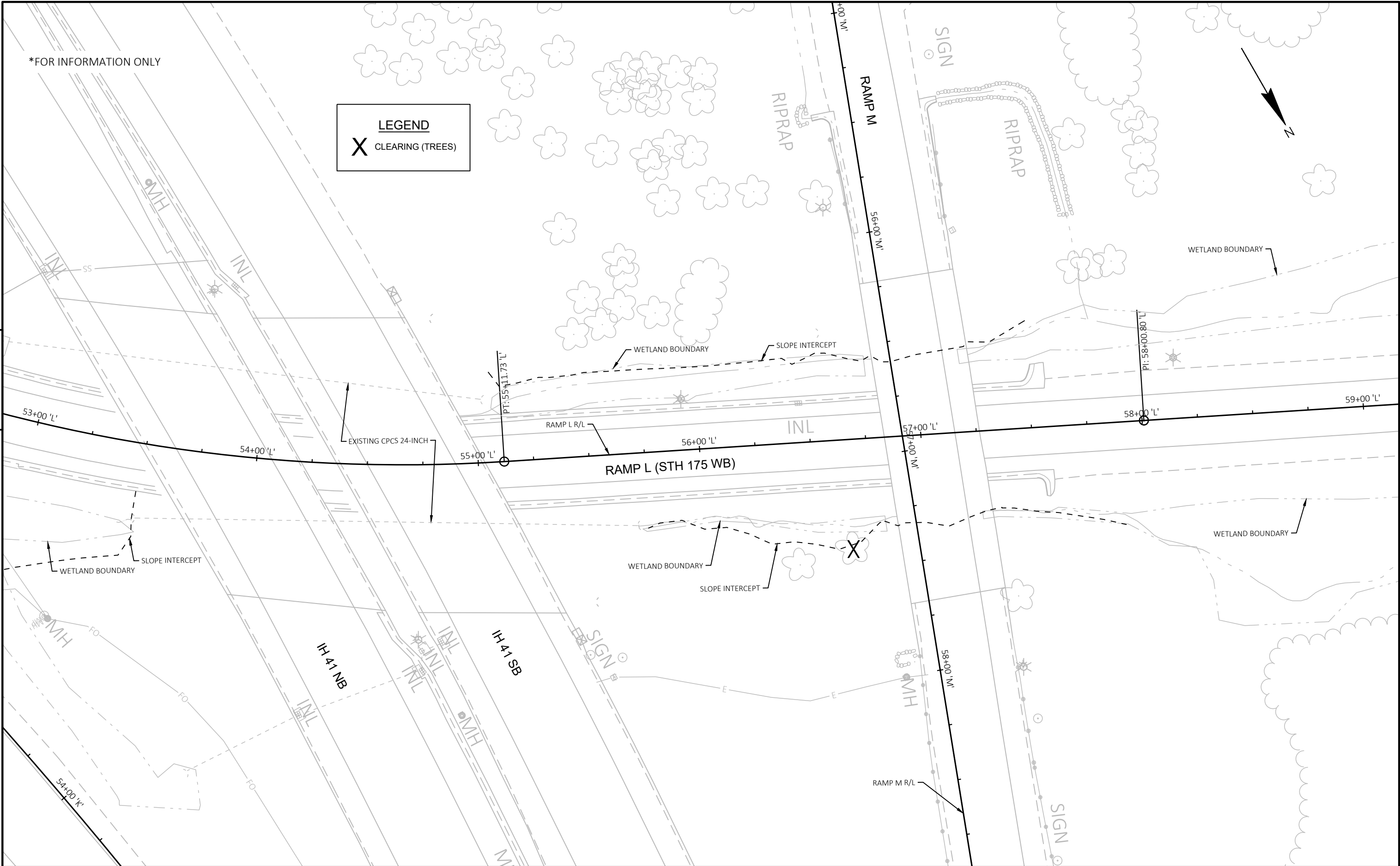
PLOT SCALE : 1 IN=40 FT

WISDOT/CADD\ SHEET 44





PROJECT NO:	3742-03-70	HWY: STH 175	COUNTY: MILWAUKEE	CLEARING PLAN - SITE 30	SHEET	E
-------------	------------	--------------	-------------------	-------------------------	-------	---

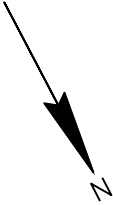


PROJECT NO: 3742-03-70	HWY: STH 175	COUNTY: MILWAUKEE	CLEARING PLAN - SITE 30	SHEET	E
------------------------	--------------	-------------------	-------------------------	-------	---

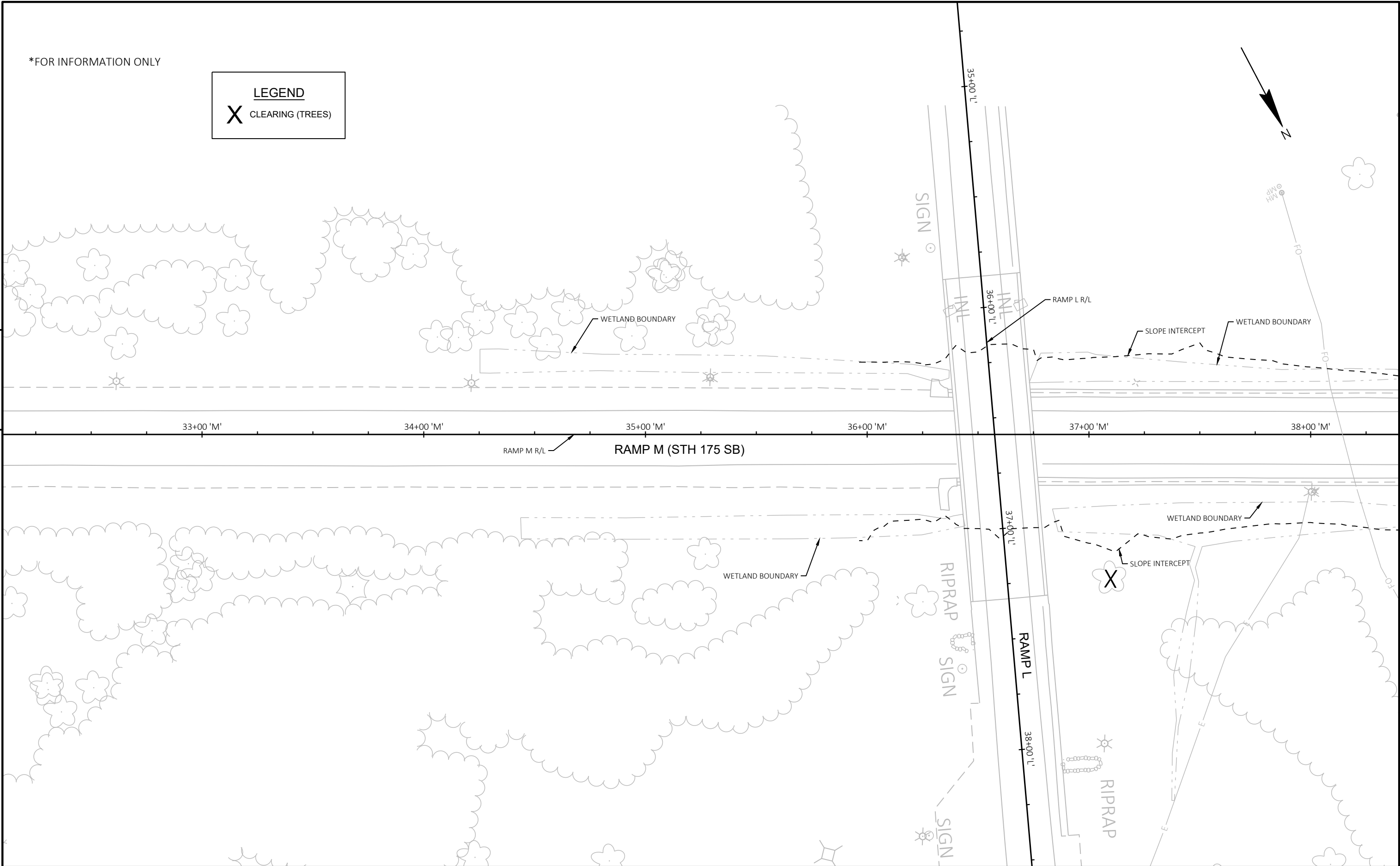
*FOR INFORMATION ONLY

LEGEND

X CLEARING (TREES)



5

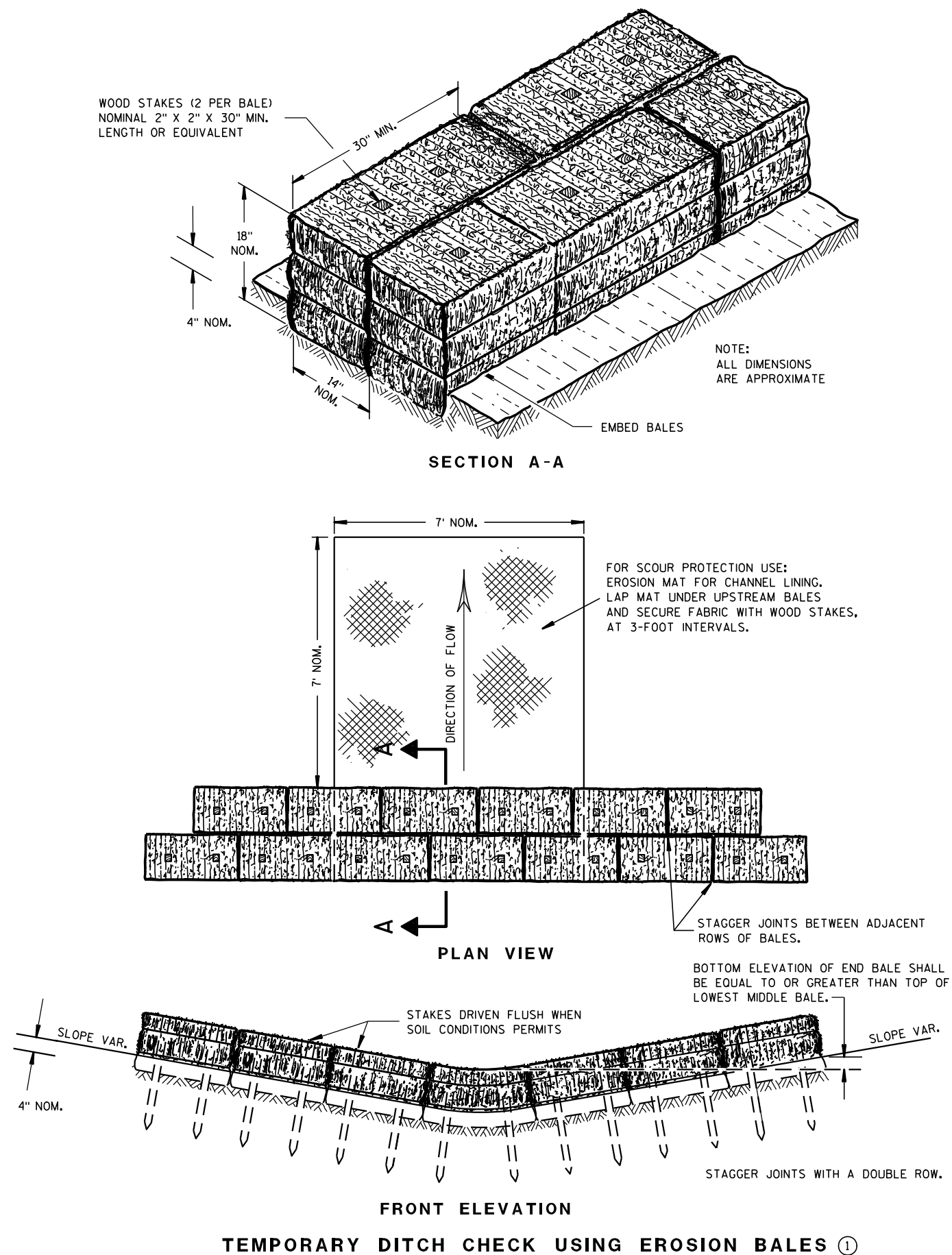


5

PROJECT NO: 3742-03-70	HWY: STH 175	COUNTY: MILWAUKEE	CLEARING PLAN - SITE 30	SHEET	E
------------------------	--------------	-------------------	-------------------------	-------	---

Standard Detail Drawing List

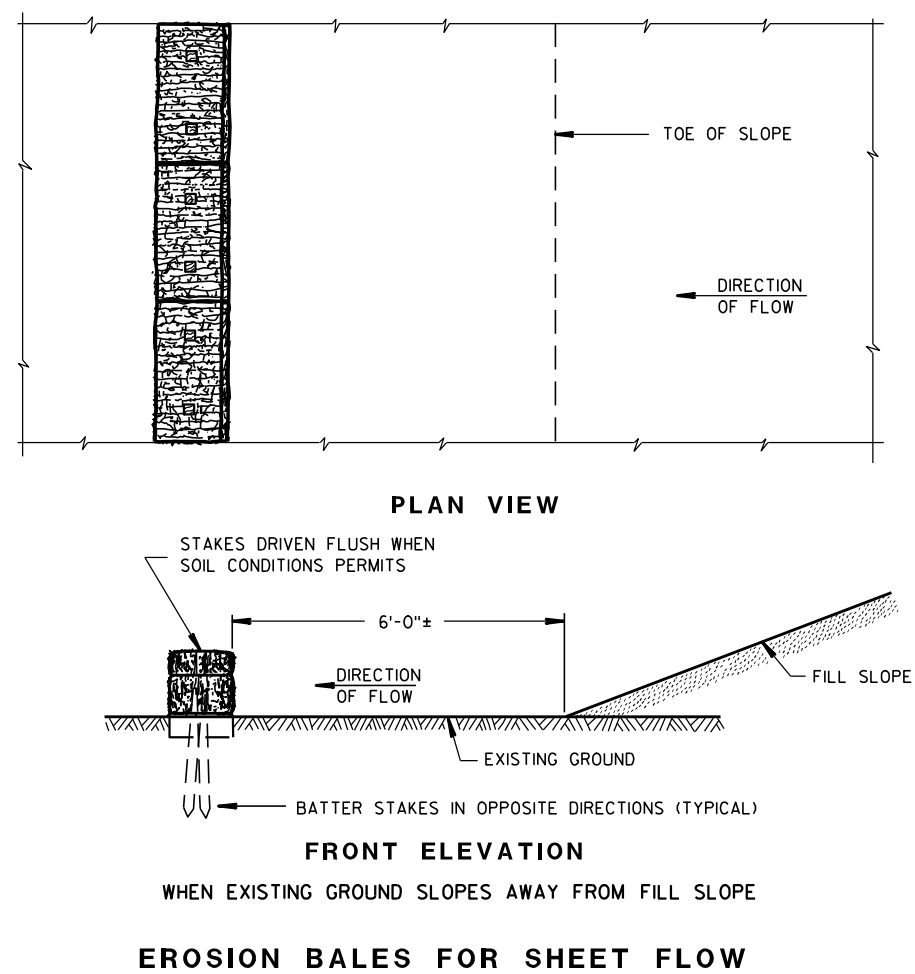
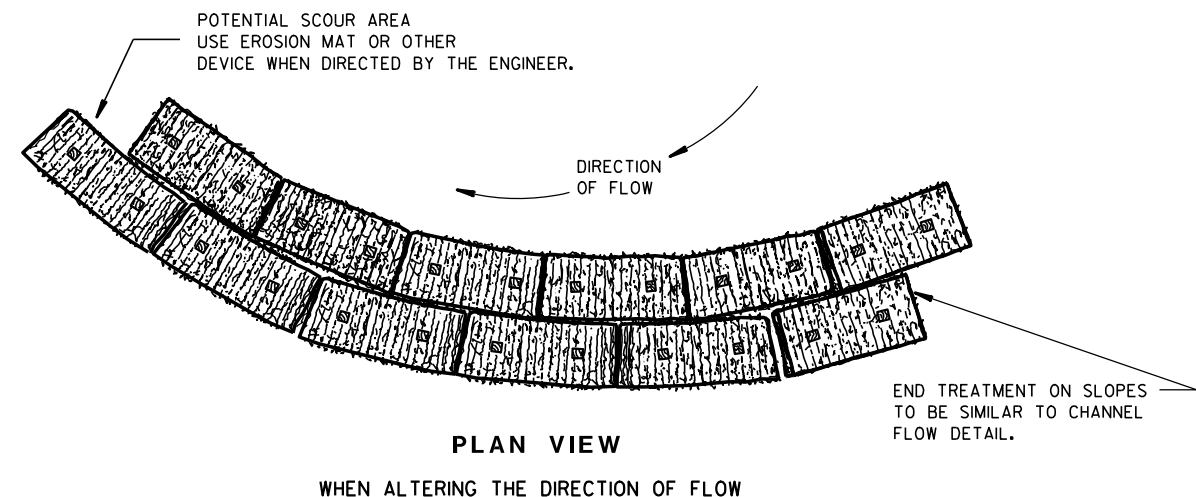
08E08-03	TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS
08E09-06	SILT FENCE
08E10-02	INLET PROTECTION TYPE A, B, C AND D
15C04-05	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC
15C05-05	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 M.P.H. OR LESS
15C11-10B	CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS
15C12-09A	TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION
15D12-14A	TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LANE CLOSURE
15D20-09A	TRAFFIC CONTROL, SINGLE LANE CLOSURE, DIVIDED NON-FREEWAY/EXPRESSWAY
15D20-09B	TRAFFIC CONTROL, SINGLE RIGHT LANE CLOSURE, UNDIVIDED NON-FREEWAY/EXPRESSWAY
15D20-09C	TRAFFIC CONTROL, SINGLE LEFT LANE CLOSURE, UNDIVIDED NON-FREEWAY/EXPRESSWAY
15D21-07A	TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LANE CLOSURE
15D21-07B	TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LANE CLOSURE
15D27-03	TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 MPH
15D28-04	TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
15D30-10A	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-10B	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-10C	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-10F	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-10K	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION



GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

- ① TEMPORARY DITCH CHECKS EITHER EROSION BALES OR MANUFACTURED SHALL BE PAID FOR UNDER THE BID ITEM OF TEMPORARY DITCH CHECK. THE DEPARTMENT WILL NOT PAY FOR TEMPORARY DITCH CHECKS CONSTRUCTED OF A SINGLE ROW OF EROSION BALES.

TYPICAL INSTALLATIONS OF
EROSION BALES / TEMPORARY
DITCH CHECKS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

6/04/02
DATE

FHWA

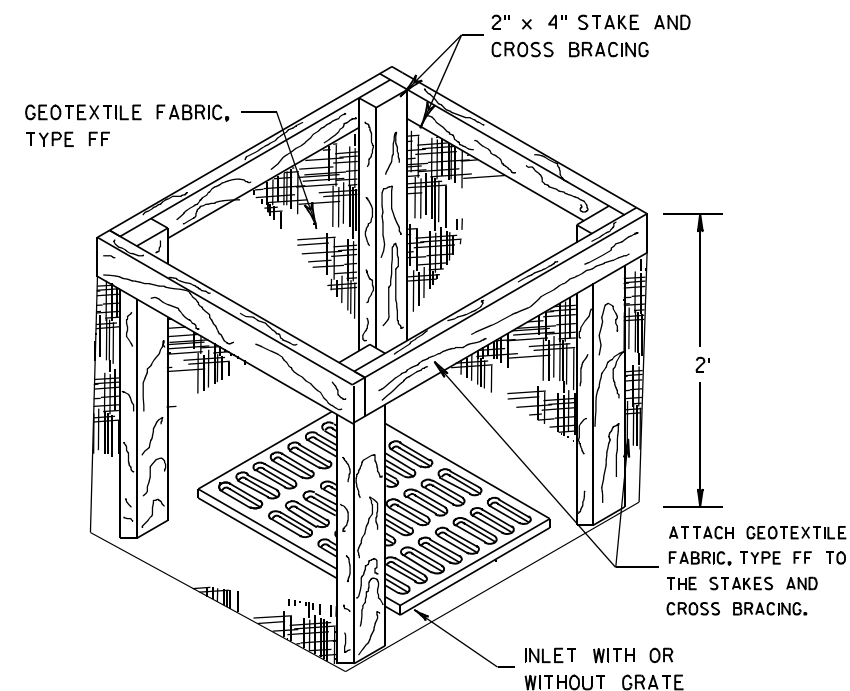
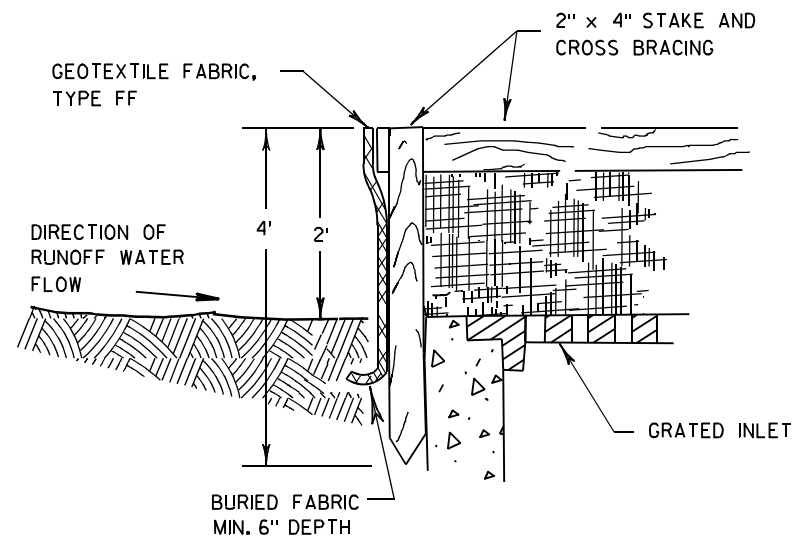
/S/ Beth Canestra
CHIEF ROADWAY DEVELOPMENT ENGINEER



- ① HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.
- ② FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
- ③ WOOD POSTS SHALL BE A MINIMUM SIZE OF 1 1/8" X 1 1/8" OF OAK OR HICKORY.
- ④ SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.
- ⑤ CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS; A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.



SILT FENCE	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED <u>4-29-05</u> DATE	<u>/S/ Beth Canestra</u> CHIEF ROADWAY DEVELOPMENT ENGINEER



INLET PROTECTION, TYPE A

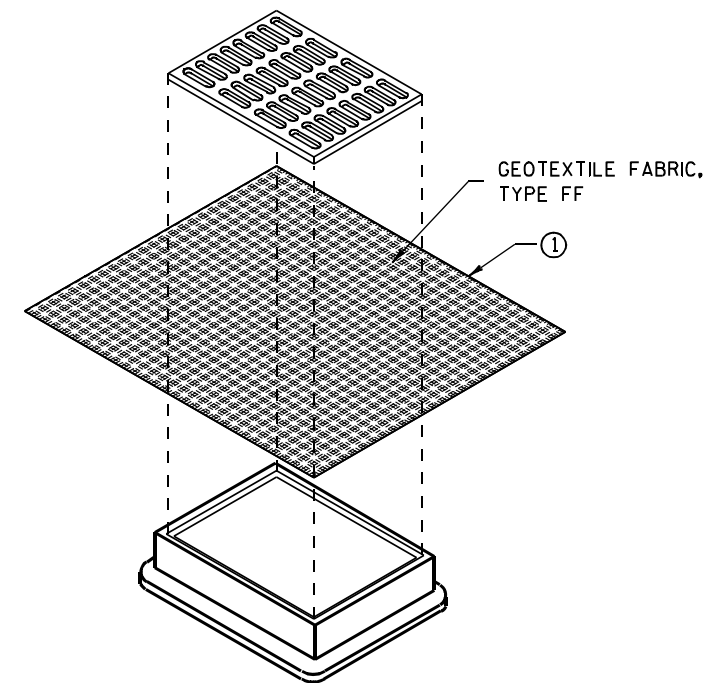
GENERAL NOTES

INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE
DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE
SUBSTITUTED.

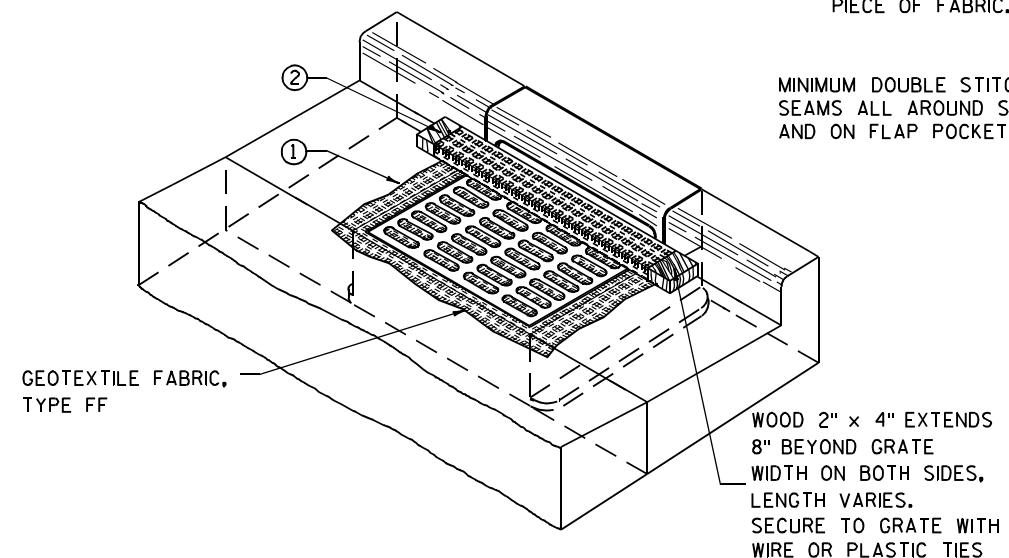
WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

- ① FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.
- ② FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.
- ③ FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.



INLET PROTECTION, TYPE B (WITHOUT CURB BOX)

(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)



INLET PROTECTION, TYPE C (WITH CURB BOX)

INSTALLATION NOTES

TYPE B & C

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

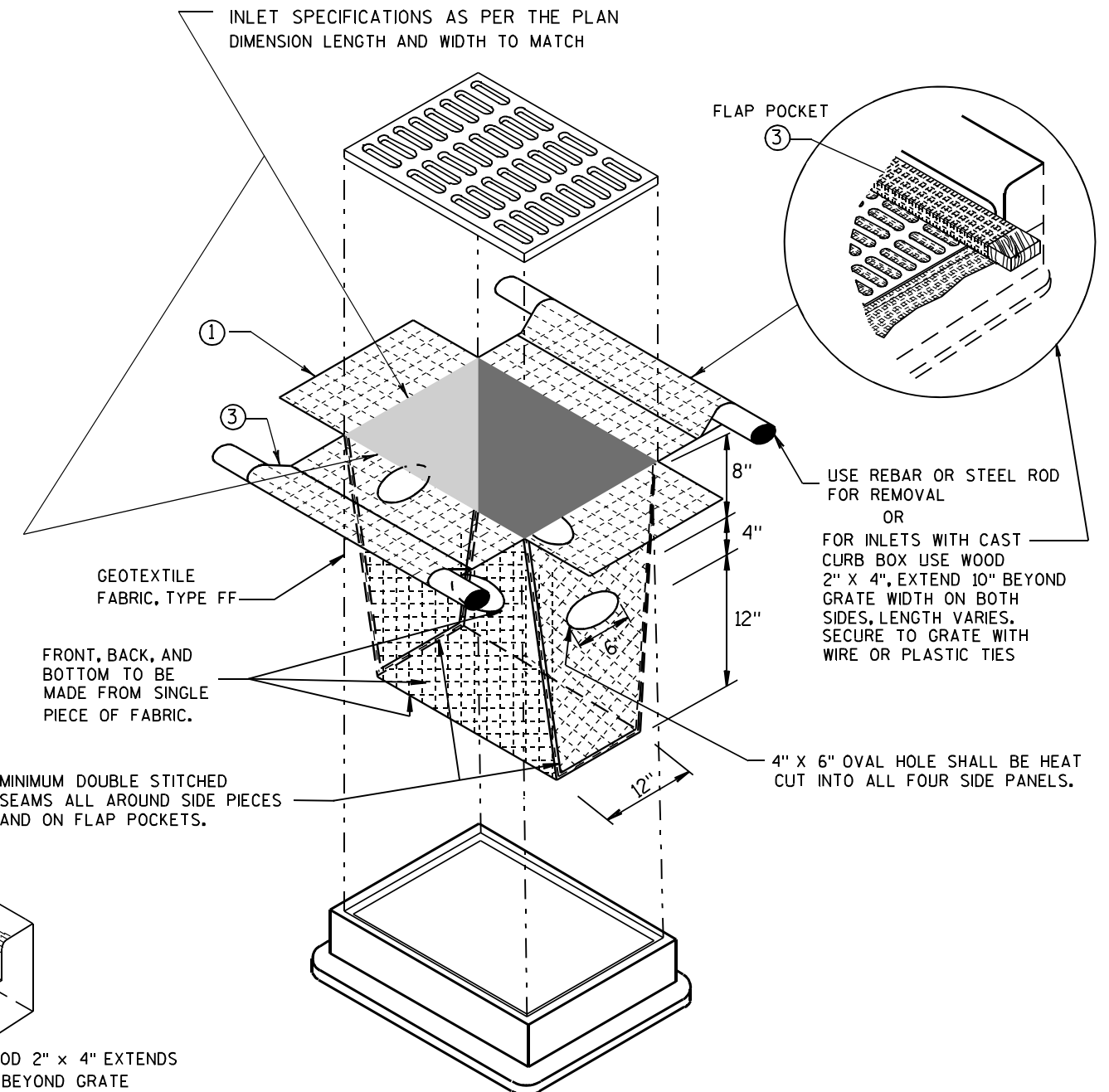
THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

TYPE D

DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.



INLET PROTECTION, TYPE D

(CAN BE INSTALLED IN ANY INLET TYPE WITH
OR WITHOUT A CURB BOX AS PER NOTE (2))

INLET PROTECTION TYPE A, B, C, AND D	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED 10/16/02 DATE	<u> /S/ Beth Connestra </u> CHIEF ROADWAY DEVELOPMENT ENGINEER

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

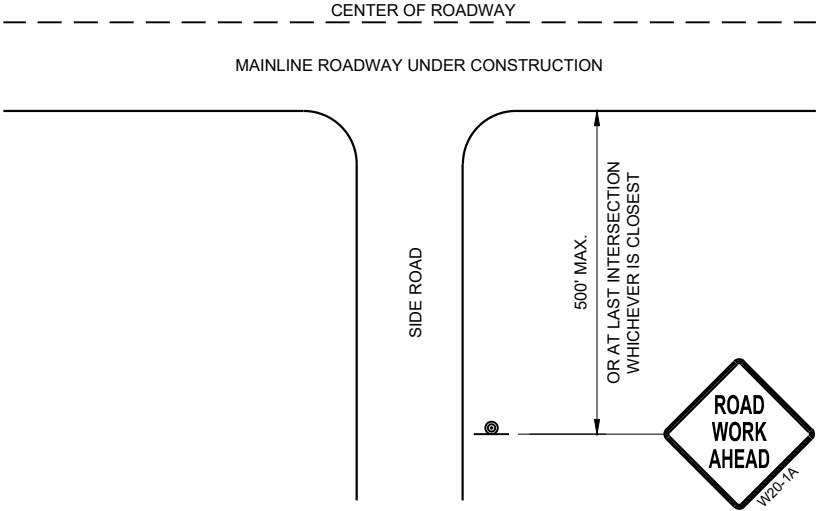
SIGNS THAT WILL BE IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS REESTABLISHED.

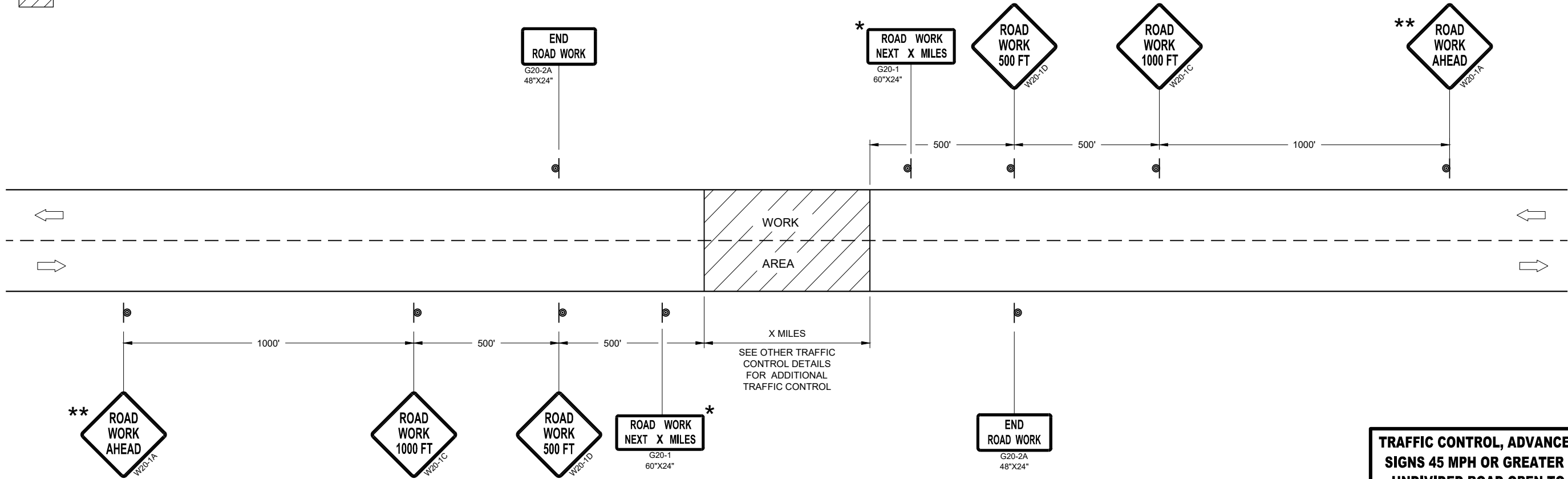
- * OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS
- ** PLACE AN ADDITIONAL W20-1A "ROAD WORK AHEAD" SIGN IF WORK AREA WITHIN THE PROJECT IS SEPARATED BY MORE THAN 2 MILES FROM PREVIOUS WORK AREA.

LEGEND

-  SIGN ON PERMANENT SUPPORT
-  DIRECTION OF TRAFFIC
-  WORK AREA



TYPICAL SIDE ROAD APPROACH
WARNING SIGN DETAIL



TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45MPH OR GREATER

TRAFFIC CONTROL, ADVANCE WARNING
SIGNS 45 MPH OR GREATER TWO-WAY
UNDIVIDED ROAD OPEN TO TRAFFIC

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2018 /S/ Andrew Heidtke
DATE WORK ZONE ENGINEER

FHWA

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS, 36"X36" SIGNS MAY BE USED INSTEAD OF 48" X 48" SIGNS.

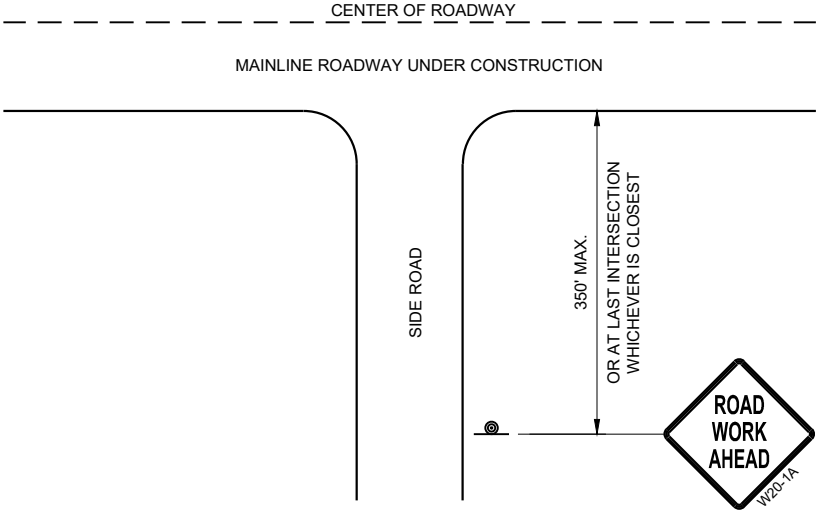
SIGNS THAT WILL BE IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS REESTABLISHED.

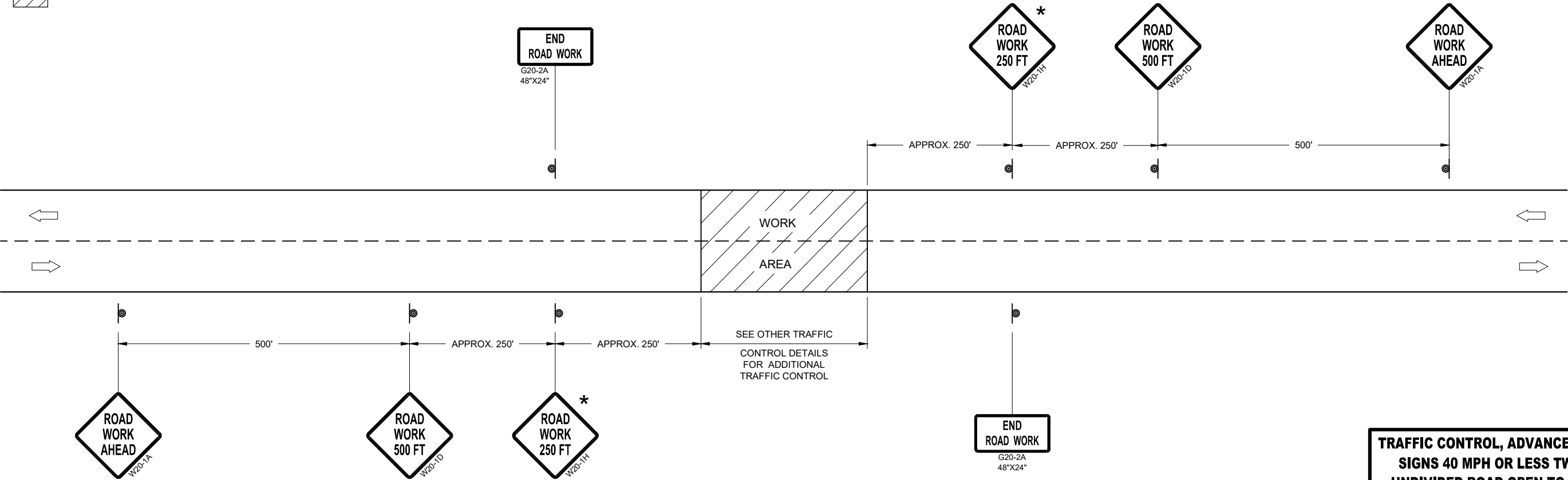
* THE THIRD W20-1 SIGN IS REQUIRED ONLY IF THERE IS AN INTERSECTION BETWEEN THE "ROAD WORK 500 FEET" SIGN AND THE WORK ZONE. ADJUST THE PLACEMENT OF THIS SIGN BASED ON INTERSECTION LOCATION AND OTHER FIELD CONDITIONS.

LEGEND

-  SIGN ON PERMANENT SUPPORT
-  DIRECTION OF TRAFFIC
-  WORK AREA



TYPICAL SIDE ROAD APPROACH
WARNING SIGN DETAIL

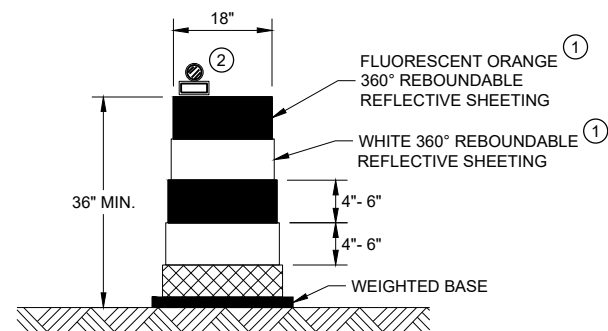


TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40MPH OR LESS

TRAFFIC CONTROL, ADVANCE WARNING
SIGNS 40 MPH OR LESS TWO-WAY
UNDIVIDED ROAD OPEN TO TRAFFIC

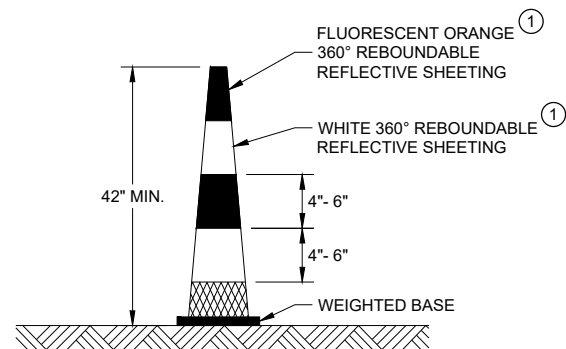
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2018
DATE
/S/ Andrew Heidtke
WORK ZONE ENGINEER
FHWA



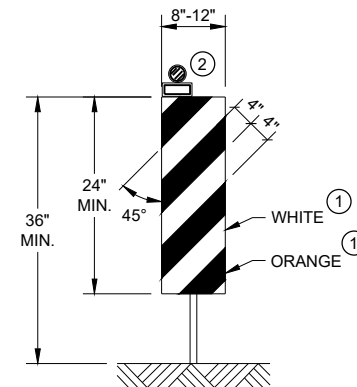
DRUM

BALLAST WIDTHS
RANGE FROM 24"-36"



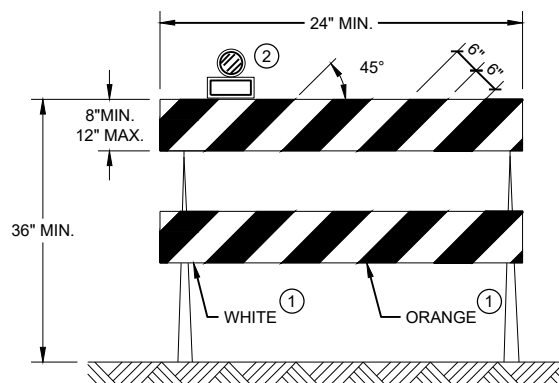
42" CONE

DO NOT USE IN TAPERS
½ SPACING OF DRUMS
BALLAST WIDTHS
RANGE FROM 14"-20"



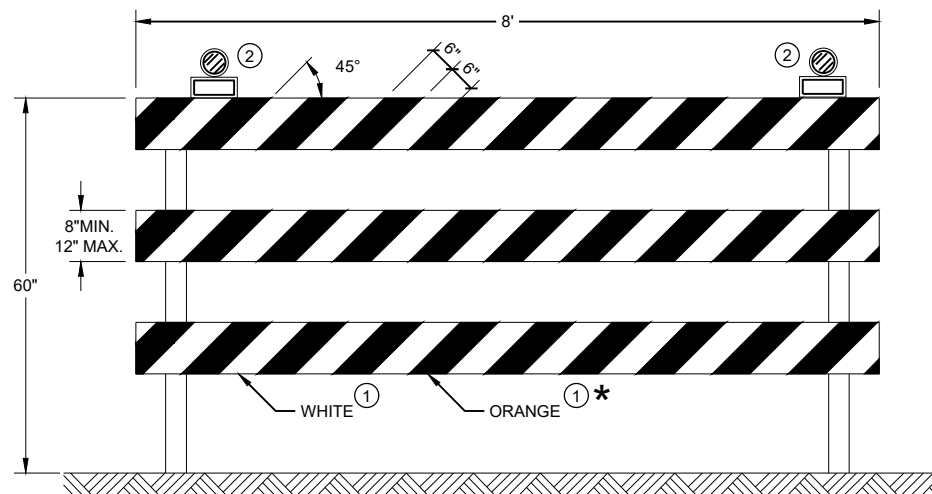
VERTICAL PANEL

THE STRIPES SHALL SLOPE DOWNWARD TO
THE TRAFFIC SIDE FOR CHANNELIZATION.



TYPE II BARRICADE

FOR RAILS LESS THAN 36" LONG, 4" WIDE STRIPES
MAY BE USED. ALL STRIPES SHALL SLOPE DOWNWARD
TO THE TRAFFIC SIDE FOR CHANNELIZATION.



TYPE III BARRICADE

IF SIGN MOUNTED, DO NOT COVER MORE THAN 50% OF THE TOP
TWO RAILS OR 33% OF THE TOTAL AREA OF THE THREE RAILS.

* IF USED FOR A PERMANENT APPLICATION USE RED SHEETING.

GENERAL NOTES

- ① REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.
- ② LOCATION OF WARNING LIGHTS WHEN SHOWN ON THE PLAN.

**CHANNELIZING DEVICES
DRUMS, CONES, BARRICADES
AND VERTICAL PANELS**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2022 /S/ Andrew Heidtke
DATE WORK ZONE ENGINEER
FHWA

LEGEND

-  SIGN ON PORTABLE OR PERMANENT SUPPORT
-  TEMPORARY PORTABLE RUMBLE STRIP ARRAY
-  DIRECTION OF TRAFFIC
-  WORK AREA
-  FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF

GENERAL NOTES

DETAILS OF TRAFFIC CONTROL DEVICES AND INSTALLATION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS, DEVICES, AND LOCATION OF ALL FLAGGERS SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE FIRST ADVANCE WARNING SIGN SHOULD TYPICALLY BE LOCATED IN ADVANCE OF THE ANTICIPATED TRAFFIC BACKUP OR QUEUE.

WHEN A SIDE ROAD OR RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS OR AS APPROVED BY THE ENGINEER.

FLAGGING

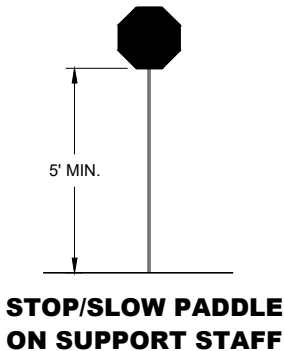
FLAGGERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES. THEY SHALL BE EQUIPPED WITH STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING OPERATION IS NOT IN EFFECT REMOVE TEMPORARY PORTABLE RUMBLE STRIPS PRIOR TO COVERING OR REMOVING ALL ADVANCE SIGNING.

- ① FOR MOVING WORK OPERATIONS, POST ADDITIONAL W20-7A FLAGGER SIGNS AT APPROXIMATELY 3,500' INTERVALS IN THE MOVING WORK OPERATION OR AS APPROVED BY THE ENGINEER.
- ② SIGN NOT REQUIRED IF FLAGGING OPERATION OCCURS WITHIN A SIGNED ROAD WORK ZONE AREA.

WHEN THE DISTANCE BETWEEN FLAGGERS EXCEEDS 2 MILES, A PILOT CAR IS REQUIRED. WHEN CURVES REDUCE SIGHT DISTANCE BELOW 400', A PILOT CAR IS REQUIRED.

TEMPORARY PORTABLE RUMBLE STRIPS

- UTILIZE TEMPORARY PORTABLE RUMBLE STRIPS ON ALL FLAGGING OPERATIONS.
- ③ EACH TEMPORARY PORTABLE RUMBLE STRIP ARRAY CONSISTS OF THREE RUMBLE STRIPS PLACED TRANSVERSE ACROSS THE LANE AT THE LOCATIONS SHOWN. WITHIN EACH ARRAY, SPACING BETWEEN RUMBLE STRIPS SHALL BE 15 FEET ON CENTER
- ONLY USE TEMPORARY PORTABLE RUMBLE STRIPS FROM THE APPROVED PRODUCTS LIST.
- INSTALL TEMPORARY RUMBLE STRIPS PER MANUFACTURER'S RECOMMENDATIONS.
- PLACE ADVANCE SIGNING PRIOR TO INSTALLING TEMPORARY RUMBLE STRIPS.
- DO NOT INSTALL TEMPORARY PORTABLE RUMBLE STRIPS ON GRAVEL, MILLED SURFACES, OR ASPHALT THAT HAS BEEN PAVED LESS THAN 12 HOURS.

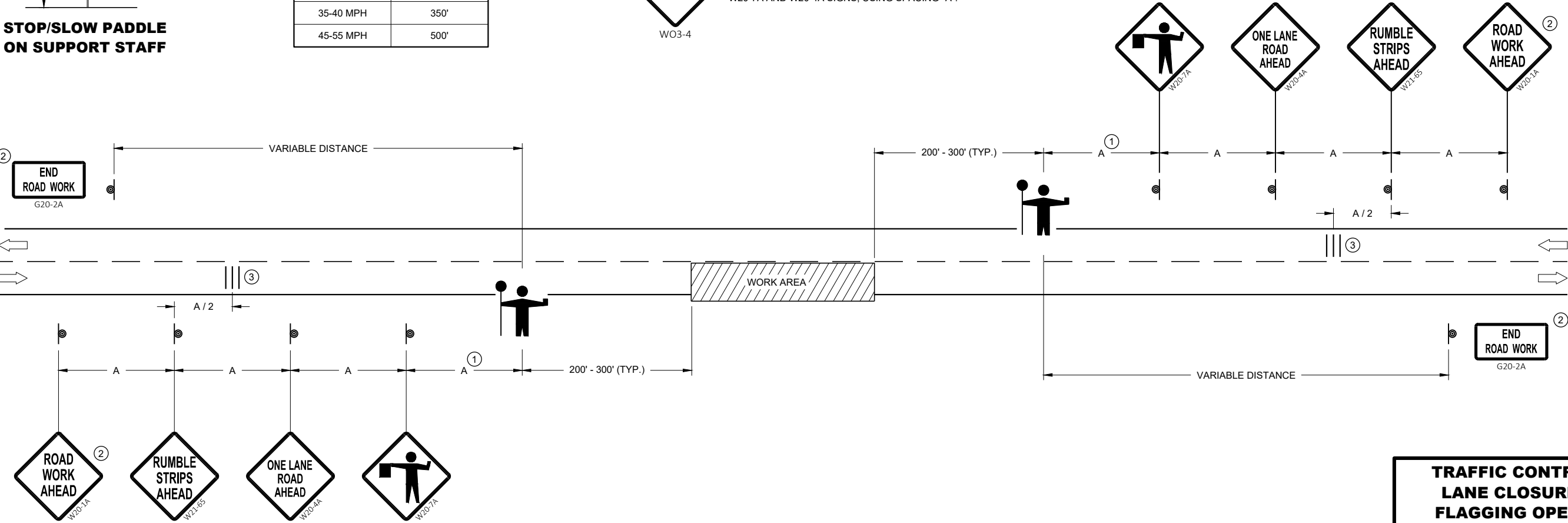


SIGN AND TEMPORARY RUMBLE STRIP ARRAY SPACING TABLE

SPEED LIMIT	SPACING "A"
25-30 MPH	200'
35-40 MPH	350'
45-55 MPH	500'



USE OF W03-4 SIGN IS OPTIONAL. WHEN USED, THIS SIGN SHALL BE LOCATED BETWEEN THE W20-7A AND W20-4A SIGNS, USING SPACING "A".



**TRAFFIC CONTROL FOR
LANE CLOSURE WITH
FLAGGING OPERATION**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2022 /S/ Andrew Heidtke
DATE WORK ZONE ENGINEER

FHWA

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS.

THIS LANE CLOSURE IS TYPICAL FOR CLOSING RIGHT LANE - REVERSE FOR CLOSING LEFT LANE.

ALL SIGNS ARE 48" x 48" UNLESS OTHERWISE NOTED.

"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED OR AS APPROVED BY THE ENGINEER.

FOR A LANE CLOSURE THAT IS IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINE IF LANE CLOSURE IS TO BE IN PLACE 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

IF THE HORIZONTAL ALIGNMENT IS SUCH THAT A CURVE MAY REQUIRE ADDITIONAL DELINEATION, THE DEVICE SPACING MAY BE DECREASED TO 50 FEET.

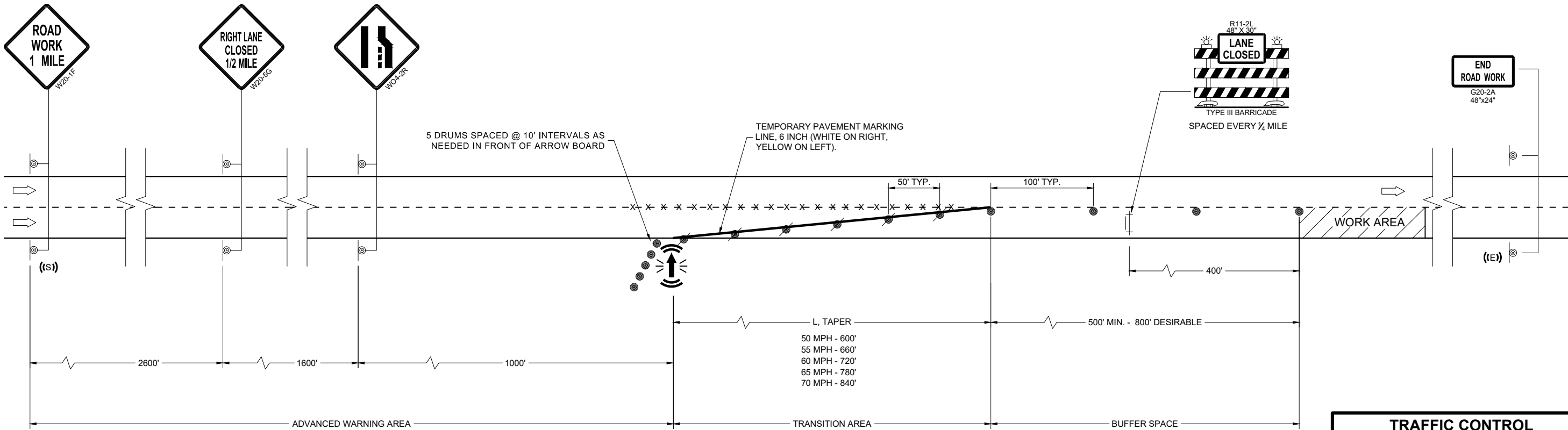
WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

ADJUSTMENTS IN BUFFER SPACE NEED TO BE INCORPORATED WHEN THE LANE CLOSURE OCCURS NEAR AN INTERCHANGE EXIT OR ENTRANCE RAMP OR INTERSECTION. THE LANE CLOSURE MUST TAKE PLACE FAR ENOUGH IN ADVANCE OF AN EXIT OR ENTRANCE RAMP TO STILL ALLOW FOR ADEQUATE BUFFER SPACE. THE MINIMUM LENGTH OF THE BUFFER SPACE BEFORE AN EXIT RAMP SHOULD BE ONE HALF THE LENGTH OF THE TRANSITION AREA. THE ENTRANCE RAMP SHOULD BE FOLLOWED BY THE ORIGINAL BUFFER SPACE LENGTH OF 800 FEET DESIRABLE PRIOR TO ANOTHER TRAFFIC CONTROL CHANGE SUCH AS A CROSSOVER MANEUVER.

CONSIDER ROADWAY GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARD SO THE DRIVER HAS A CLEAR VIEW OF THE ARROW BOARD AND LANE CLOSURE DRUMS.

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- REMOVING PAVEMENT MARKINGS
- DIRECTION OF TRAFFIC
- WORK AREA
- CONNECTED ARROW BOARD
- WZ START LOCATION MARKER
- WZ END LOCATION MARKER



TRAFFIC CONTROL LANE CLOSURE	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED November 2024 DATE	/S/ Andrew Heidtke ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR
FHWA	

	SIGN ON PERMANENT SUPPORT
	TRAFFIC CONTROL DRUM
	TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
	TYPE III BARRICADE WITH ATTACHED SIGN
	TYPE "A" WARNING LIGHT (FLASHING)
	REMOVING PAVEMENT MARKINGS
	DIRECTION OF TRAFFIC
	WORK AREA
	CONNECTED ARROW BOARD
	WZ START LOCATION MARKER
	WZ END LOCATION MARKER

FOR WORK ON ROADWAYS WITH SPEEDS GREATER THAN 45MPH, USE SDD 15D12.

THIS LANE CLOSURE DETAIL IS TYPICAL FOR CLOSING THE LEFT LANE. FOR A RIGHT LANE CLOSURE, REVERSE THE TRAFFIC CONTROL.

THIS DETAIL MAY BE USED FOR ROADWAYS WITH EITHER TWO OR THREE LANES IN EACH DIRECTION.

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36"X 36" SIGNS MAY BE USED IF APPROVED BY REGIONAL TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE MAY BE MOUNTED ON TEMPORARY SUPPORTS.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

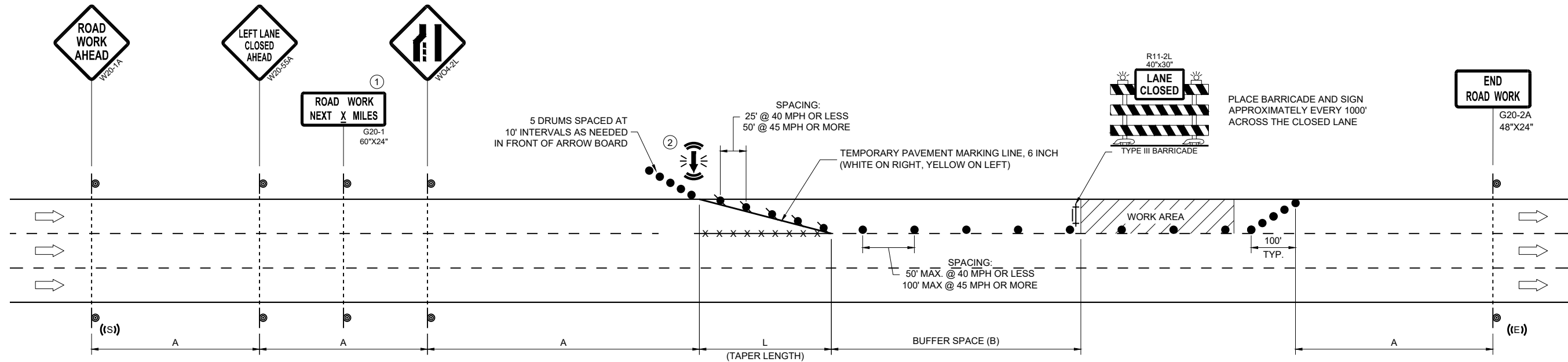
THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE

W20-1A, G20-1 AND G20-2A SIGNS ARE NOT REQUIRED IF THE LANE CLOSURE IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINE IF LANE CLOSURE IS TO BE

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

- ① OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS.
- ② WHERE THE SHOULDER OR TERRACE HAS INSUFFICIENT SPACE TO PLACE THE ARROW BOARD AS SHOWN, PLACE THE ARROW BOARD AT THE END OF THE TAPER.



POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET	TAPER LENGTH (12 FT. LANE) (L) FEET	BUFFER SPACE (B) FEET
25	200'	125'	55'
30	200'	180'	85'
35	350'	245'	120'
40	350'	320'	170'
45	500'	540'	220'

APPROVED
November 2024
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- REMOVING PAVEMENT MARKINGS
- DIRECTION OF TRAFFIC
- WORK AREA
- CONNECTED ARROW BOARD
- WZ START LOCATION MARKER
- WZ END LOCATION MARKER

GENERAL NOTES

THIS DETAIL MAY BE USED FOR ROADWAYS WITH EITHER TWO OR THREE LANES IN EACH DIRECTION.

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36"x 36" SIGNS MAY BE USED IF APPROVED BY REGIONAL TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE MAY BE MOUNTED ON TEMPORARY SUPPORTS.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE

W20-1A, G20-1 AND G20-2A SIGNS ARE NOT REQUIRED IF THE LANE CLOSURE IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINE IF LANE CLOSURE IS TO BE

IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARDS SO THE APPROACHING DRIVER HAS A CLEAR VIEW OF THE ARROW BOARDS AND LANE CLOSURE DRUMS FOR A MINIMUM 1500 FEET IN FRONT OF DRUMS.

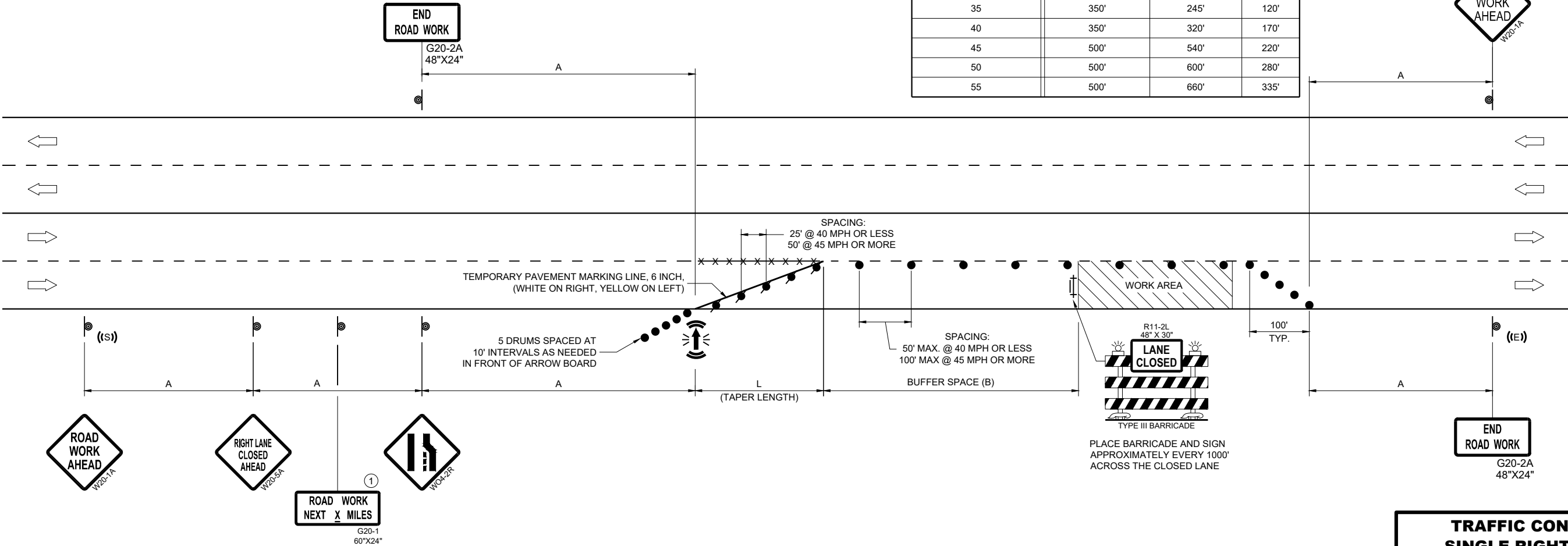
BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET	TAPER LENGTH (12 FT. LANE) (L) FEET	BUFFER SPACE (B) FEET
25	200'	125'	55'
30	200'	180'	85'
35	350'	245'	120'
40	350'	320'	170'
45	500'	540'	220'
50	500'	600'	280'
55	500'	660'	335'

① OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS.



TRAFFIC CONTROL,
SINGLE RIGHT LANE
CLOSURE, UNDIVIDED
NON-FREEWAY/EXPRESSWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2024 /S/ Andrew Heidtke
DATE WORK ZONE ENGINEER
FHWA

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- REMOVING PAVEMENT MARKINGS
- DIRECTION OF TRAFFIC
- WORK AREA
- CONNECTED ARROW BOARD
- WZ START LOCATION MARKER
- WZ END LOCATION MARKER

GENERAL NOTES

THIS DETAIL MAY BE USED FOR ROADWAYS WITH EITHER TWO OR THREE LANES IN EACH DIRECTION.

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36"X 36" SIGNS MAY BE USED IF APPROVED BY REGIONAL TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE MAY BE MOUNTED ON TEMPORARY SUPPORTS.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

W20-1A, G20-1 AND G20-2A SIGNS ARE NOT REQUIRED IF THE LANE CLOSURE IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINE IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARDS SO THE APPROACHING DRIVER HAS A CLEAR VIEW OF THE ARROW BOARDS AND LANE CLOSURE DRUMS FOR A MINIMUM 1500 FEET IN FRONT OF DRUMS.

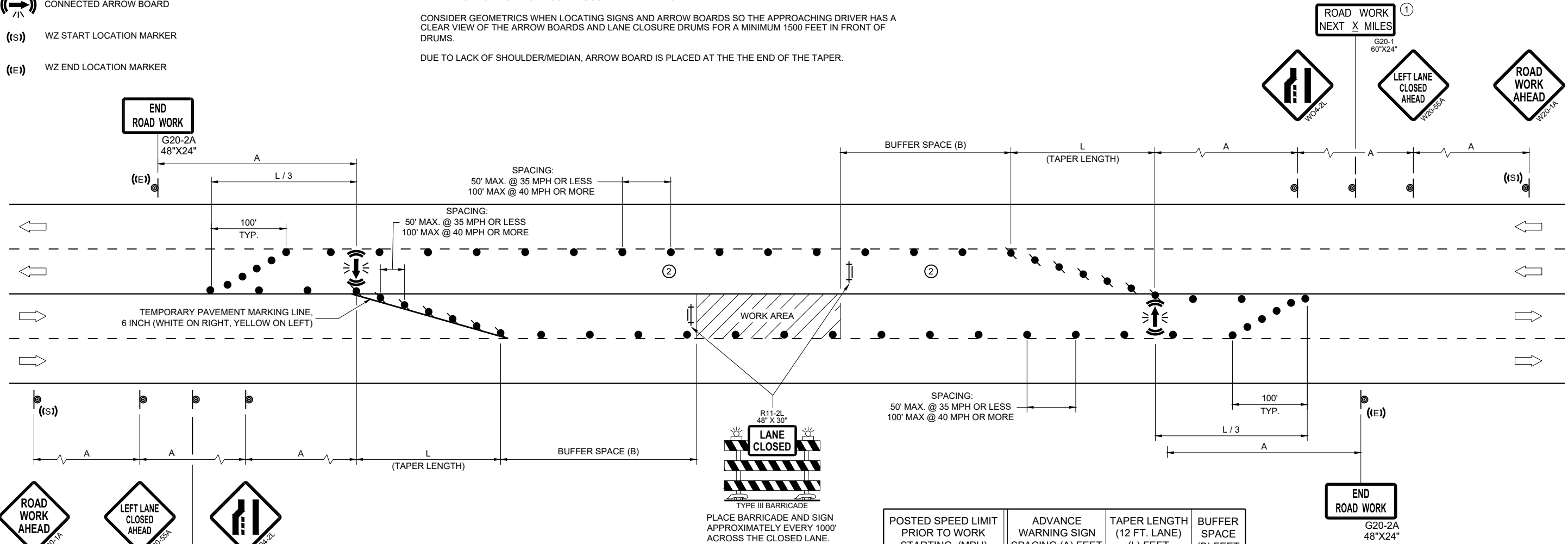
DUE TO LACK OF SHOULDER/MEDIAN, ARROW BOARD IS PLACED AT THE THE END OF THE TAPER.

BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

- ① OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS.
- ② LANE MAY BE OPENED WHEN WORKERS ARE NOT PRESENT IN THE WORK AREA.



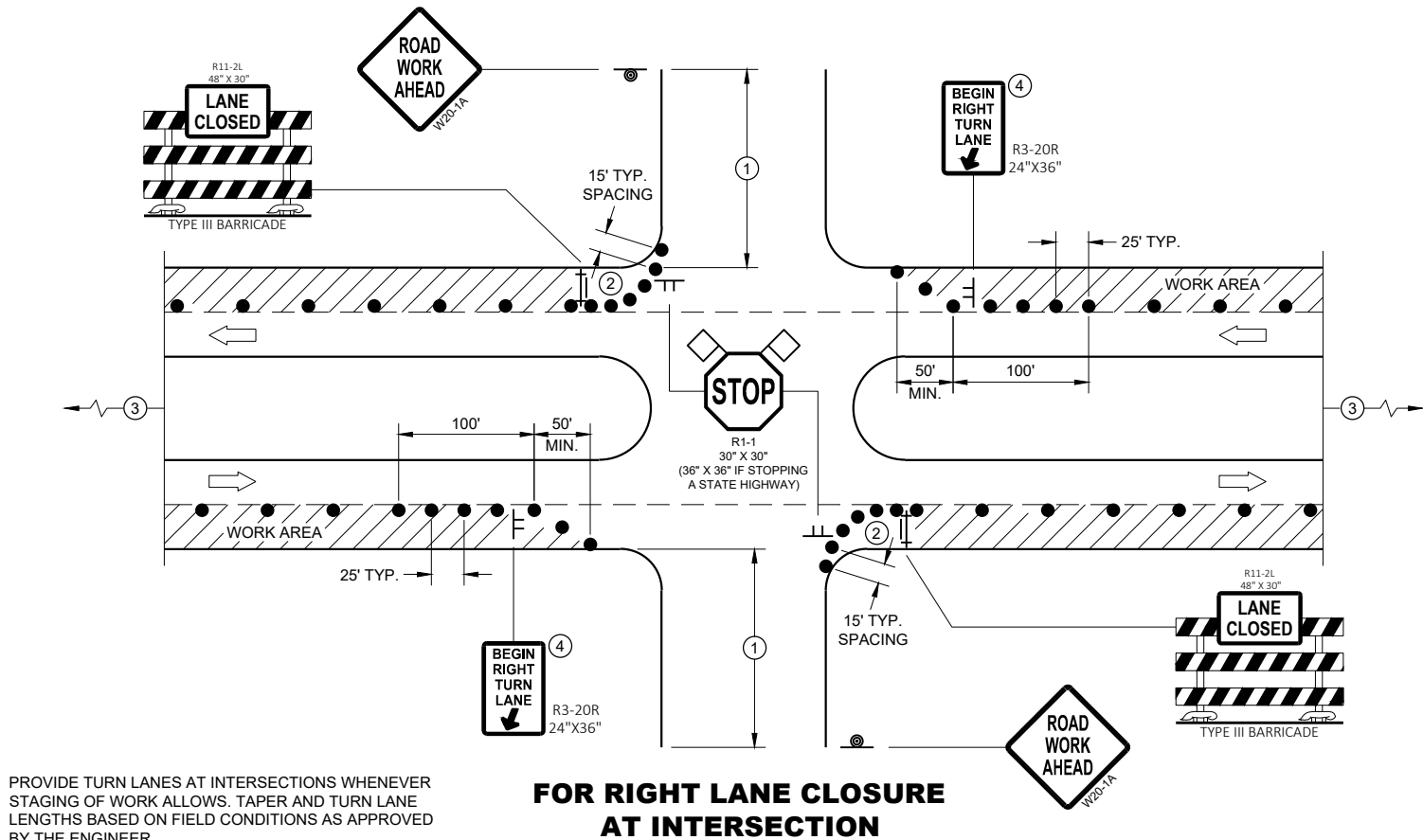
POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET	TAPER LENGTH (12 FT. LANE) (L) FEET	BUFFER SPACE (B) FEET
25	200'	125'	55'
30	200'	180'	85'
35	350'	245'	120'
40	350'	320'	170'
45	500'	540'	220'
50	500'	600'	280'
55	500'	660'	335'

**TRAFFIC CONTROL,
SINGLE LEFT LANE
CLOSURE, UNDIVIDED
NON-FREEWAY/EXPRESSWAY**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2024 /S/ Andrew Heidtke
DATE WORK ZONE ENGINEER

FHWA



PROVIDE TURN LANES AT INTERSECTIONS WHENEVER STAGING OF WORK ALLOWS. TAPER AND TURN LANE LENGTHS BASED ON FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

FOR RIGHT LANE CLOSURE AT INTERSECTION

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" MAY BE USED IF APPROVED BY THE DISTRICT TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE

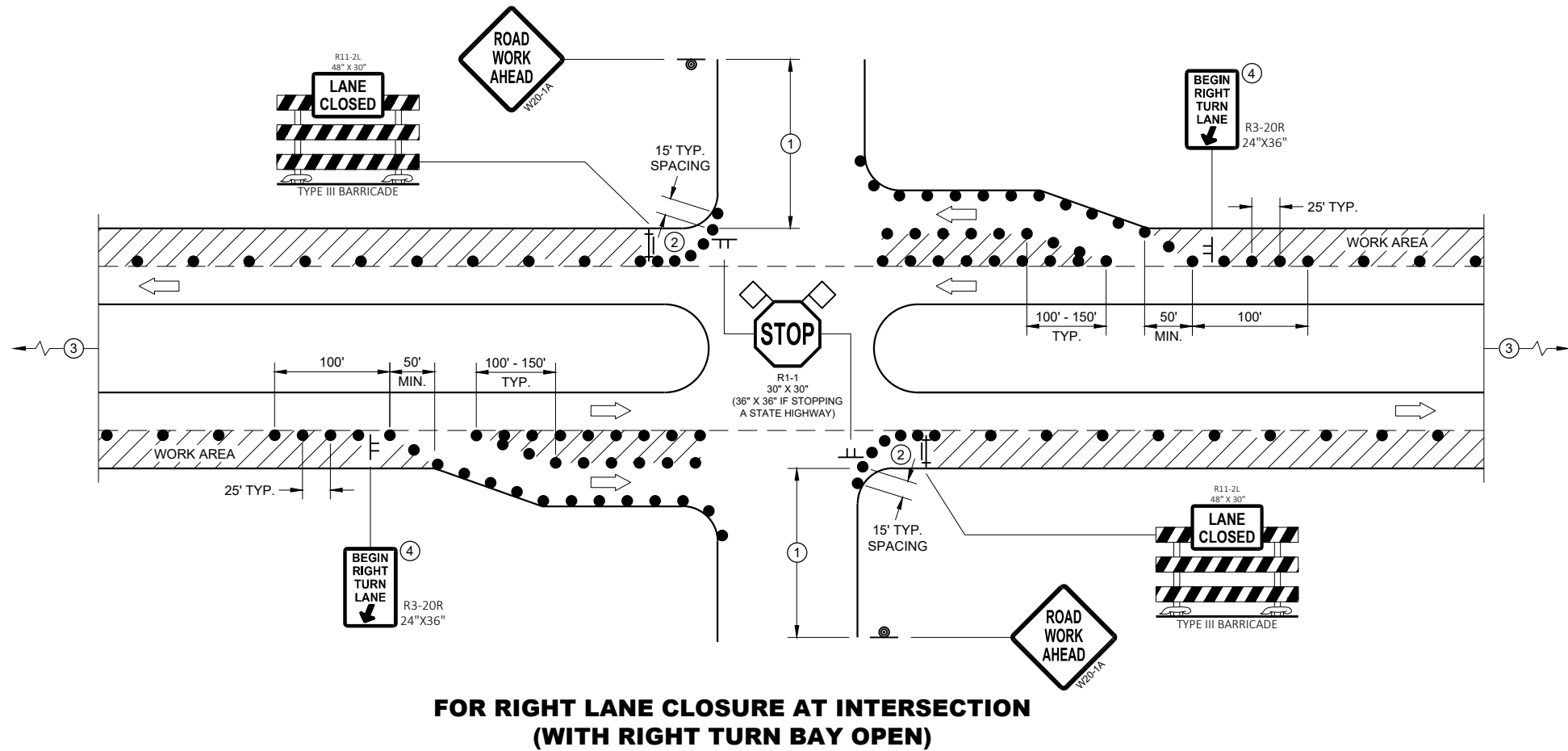
SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FHWA'S MANUAL OF STANDARD HIGHWAY SIGNS OR THE WISCONSIN STANDARD SIGN PLATES.

SIGNS THAT WILL REMAIN IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE MAY BE MOUNTED ON PORTABLE SUPPORTS.

BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

- ① 500' TYPICAL OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.
350' IF 35 - 40 MPH.
200' IF 25 - 30 MPH.
- ② ALSO USE BARRICADE AND 15 FOOT TYPICAL DRUM SPACING AT COMMERCIAL DRIVEWAYS
- ③ SEE SEPARATE LANE CLOSURE DETAIL FOR ADDITIONAL TRAFFIC CONTROL.
- ④ MINIMUM MOUNTING HEIGHT OF 5 FEET FROM EDGE OF PAVEMENT (AT EDGE LINE LOCATION) TO BOTTOM OF SIGN.



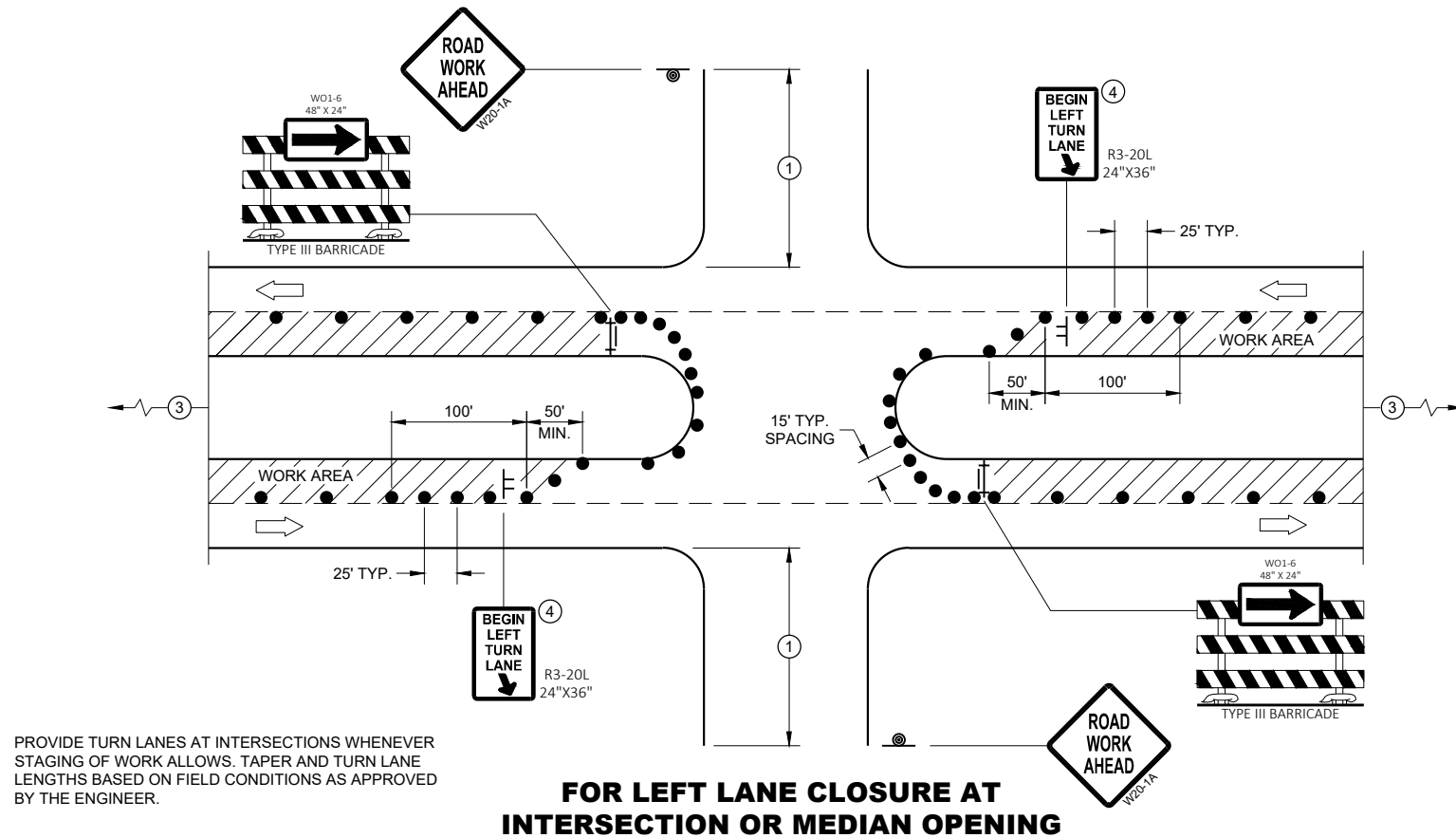
**FOR RIGHT LANE CLOSURE AT INTERSECTION
(WITH RIGHT TURN BAY OPEN)**

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE WITH ATTACHED SIGN
- DIRECTION OF TRAFFIC
- ◇ ◇ FLAGS, 16" X 16" MIN., ORANGE
- ▨ WORK AREA

**TRAFFIC CONTROL,
INTERSECTION WITHIN SINGLE
RIGHT LANE CLOSURE**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

**GENERAL NOTES**

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" MAY BE USED IF APPROVED BY THE DISTRICT TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FHWA'S MANUAL OF STANDARD HIGHWAY SIGNS OR THE WISCONSIN STANDARD SIGN PLATES.

SIGNS THAT WILL REMAIN IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE MAY BE MOUNTED ON PORTABLE SUPPORTS.

BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

- 500' TYPICAL OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.
350' IF 35 - 40 MPH.
200' IF 25 - 30 MPH.
- ALSO USE BARRICADE AND 15 FOOT TYPICAL DRUM SPACING AT COMMERCIAL DRIVEWAYS
- SEE SEPARATE LANE CLOSURE DETAIL FOR ADDITIONAL TRAFFIC CONTROL.
- MINIMUM MOUNTING HEIGHT OF 5 FEET FROM EDGE OF PAVEMENT (AT EDGE LINE LOCATION) TO BOTTOM OF SIGN.

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE WITH ATTACHED SIGN
- DIRECTION OF TRAFFIC
- FLAGS, 16" X 16" MIN., ORANGE
- WORK AREA

**FOR LEFT LANE CLOSURE AT INTERSECTION
OR MEDIAN OPENING (WITH LEFT TURN BAY OPEN)**

**TRAFFIC CONTROL,
INTERSECTION WITHIN SINGLE
LEFT LANE CLOSURE**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
August 2020
DATE
/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

LEGEND

- TRAFFIC CONTROL DRUM
- ⦿ SIGN ON PERMANENT SUPPORT
- ➡ DIRECTION OF TRAFFIC
- ⚡➡ FLASHING ARROW BOARD
- ▨ WORK AREA

GENERAL NOTES

THIS DETAIL IS TYPICAL FOR CLOSING THE RIGHT SHOULDER. FOR CLOSING THE LEFT SHOULDER, REVERSE THE TRAFFIC CONTROL.

THIS DETAIL MAY BE USED FOR DIVIDED ROADWAYS WITH ANY NUMBER OF TRAVEL LANES.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FHWA'S MANUAL OF STANDARD HIGHWAY SIGNS OR THE WISCONSIN STANDARD SIGN PLATES.

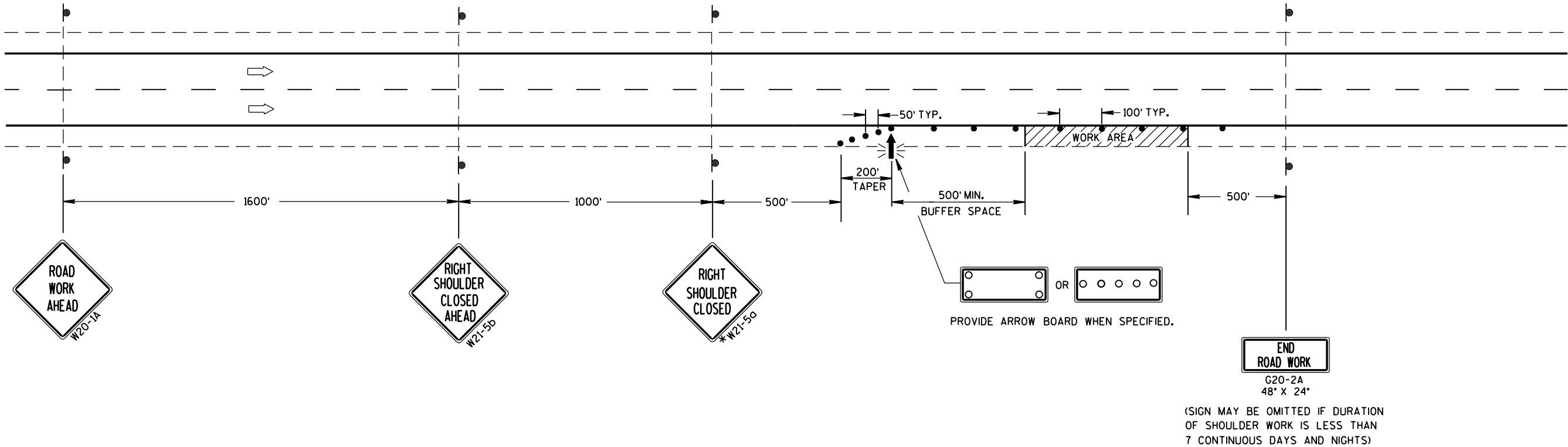
SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

CHANNELIZING DEVICES PLACED ADJACENT TO THE WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

WHEN A RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS OR AS APPROVED BY THE ENGINEER.

*FOR SHORT DURATION SHOULDER WORK OF LESS THAN ONE HOUR, THE W21-5a SIGN MAY BE OMITTED.



TRAFFIC CONTROL
SHOULDER CLOSURE ON DIVIDED
ROADWAY, SPEEDS GREATER
THAN 40 MPH

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2016 /S/ Peter Amakobe Atepe
DATE STATEWIDE WORK ZONE TRAFFIC
FHWA SAFETY ENGINEER

LEGEND

-  SIGN ON PERMANENT SUPPORT
-  TRAFFIC CONTROL DRUM
-  DIRECTION OF TRAFFIC
-  WORK ZONE

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" SIGNS MAY BE USED IF APPROVED BY THE REGIONAL TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

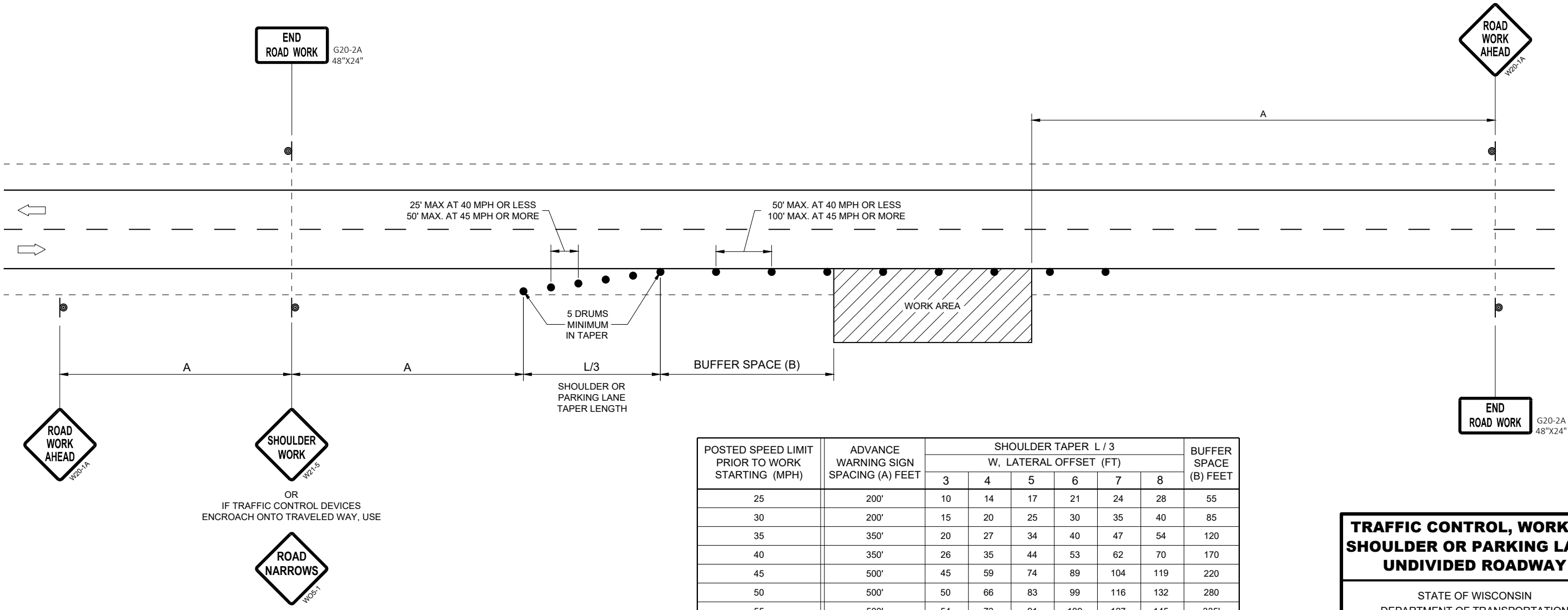
W20-1A AND G20-2A SIGNS ARE NOT REQUIRED IF THE WORK AREA IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT. G20-2A SIGNS MAY ALSO BE OMITTED IF DURATION OF WORK IS LESS THAN 7 CONTINUOUS DAYS AND NIGHTS.

6

6

SDD 15D28 - 04

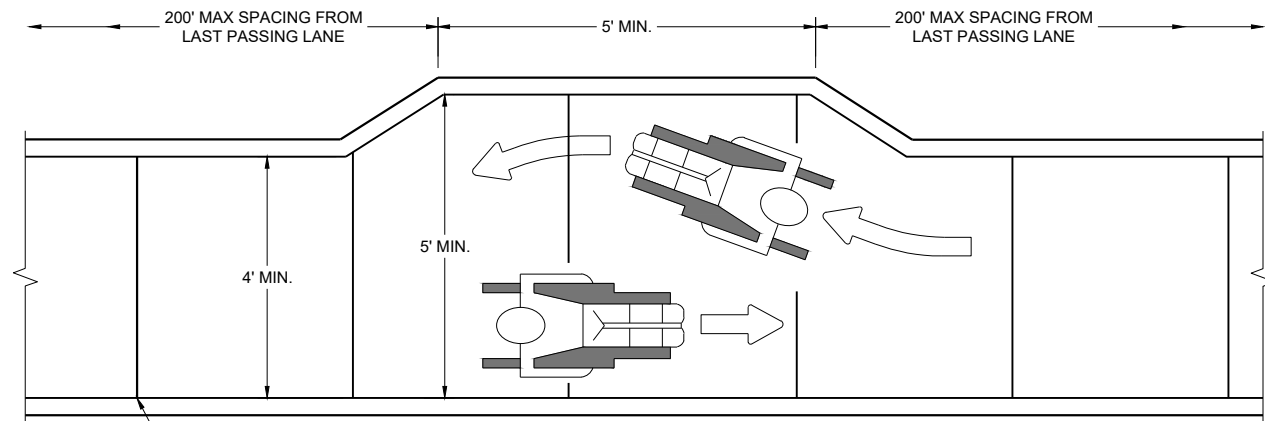
SDD 15D28 - 04



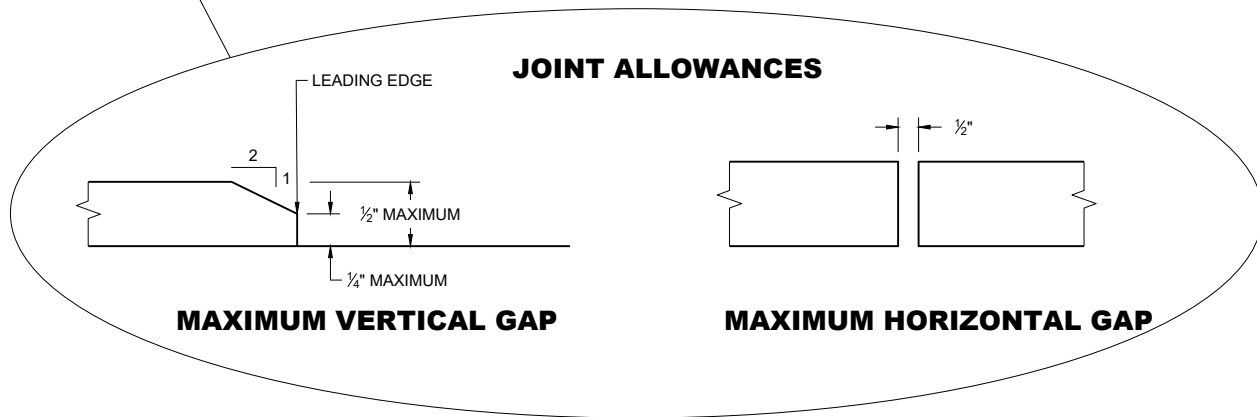
TRAFFIC CONTROL, WORK ON
SHOULDER OR PARKING LANE,
UNDIVIDED ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2020 /S/ Andrew Heidtke
DATE STATEWIDE WORK ZONE TRAFFIC
SAFETY ENGINEER
FHWA

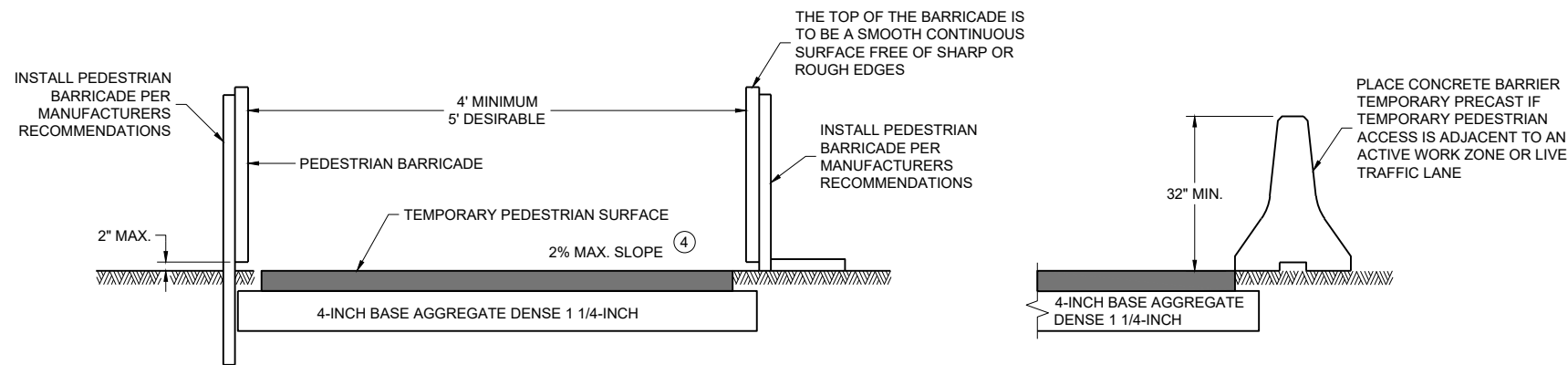


NARROW SIDEWALK PASSING DETAIL



MAXIMUM VERTICAL GAP

MAXIMUM HORIZONTAL GAP



TEMPORARY PEDESTRIAN ACCESS

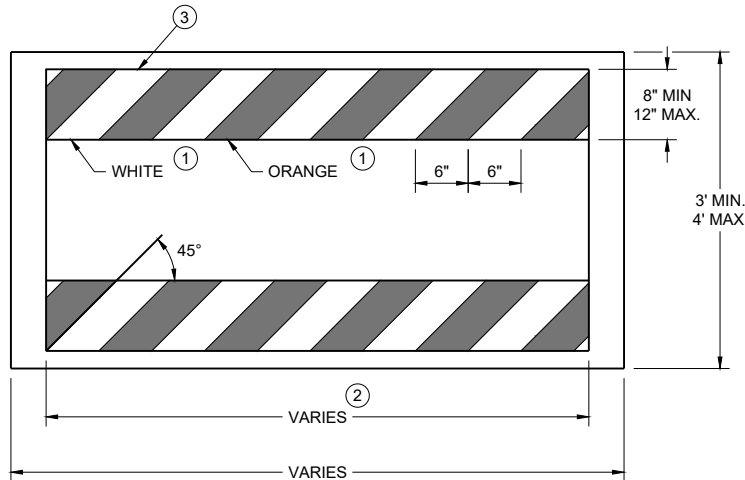
GENERAL NOTES

BARRICADE DEVICE SELECTED FROM APPROVED PRODUCT LIST

- ① REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.
- ② SHEETING REQUIRED ON MORE THAN 50% OF BARRICADE WIDTH.
- ③ PLACE SHEETING ON BOTH SIDES OF THE BARRICADE.

★ USE THIS DETAIL FOR SHEETING PLACEMENT REFERENCE.

- ④ WHEN THE TEMPORARY PEDESTRIAN ACCESS ROUTE RUNS PARALLEL ON THE ROADWAY SURFACE, THE MAXIMUM CROSS SLOPE WILL MATCH THE EXISTING ROADWAY CROSS SLOPE.



TEMPORARY PEDESTRIAN BARRICADE *

TRAFFIC CONTROL,
PEDESTRIAN
ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

CURB RAMPS SHALL BE 48" MIN. WIDTH WITH A FIRM, STABLE AND SLIP RESISTANT SURFACE.

CURB RAMPS AND LANDINGS SHALL HAVE A 1:50 (2%) MAX. CROSS-SLOPE.

CLEAR SPACE OF 48" X 48" SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP. LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN 1/2" WIDTH.

CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED $\frac{1}{2}$ ". LATERAL EDGES MAY BE VERTICAL UP TO $\frac{1}{4}$ " HIGH AND SHALL BE BEVELED AT 1:2 BETWEEN $\frac{1}{4}$ " AND $\frac{1}{2}$ ".

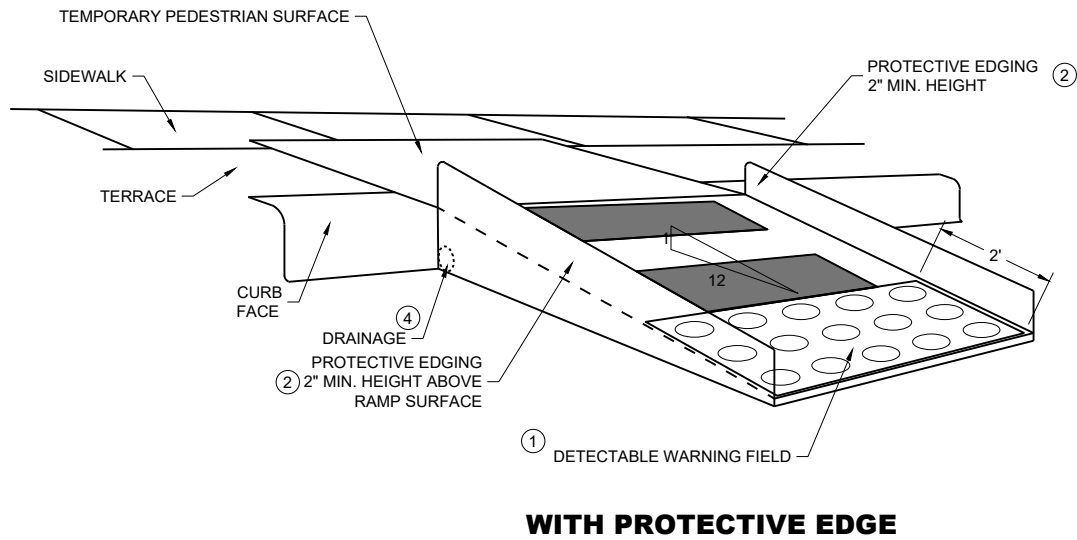
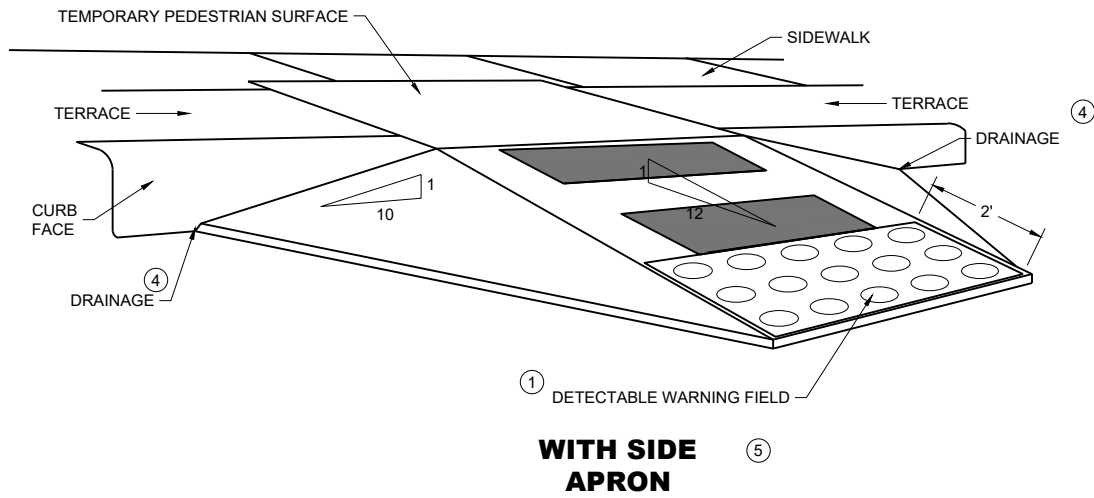
- ① INSTALL CONTRASTING TEMPORARY DETECTABLE WARNING FIELD AT PEDESTRIAN STREET CROSSINGS, AS SHOWN IN THE PLANS.
- ② PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.
- ③ DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).
- ④ DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.
- ⑤ ENSURE CURB RAMP IS OUT OF THE GUTTER PAN.
- ⑥ IF ONLY PART OF THE END PANEL OF TEMPORARY PEDESTRIAN BARRICADE PANEL IS NEEDED, EXTEND EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL HERE.



TEMPORARY CURB RAMP PARALLEL TO CURB

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



TEMPORARY CURB RAMP PERPENDICULAR TO CURB

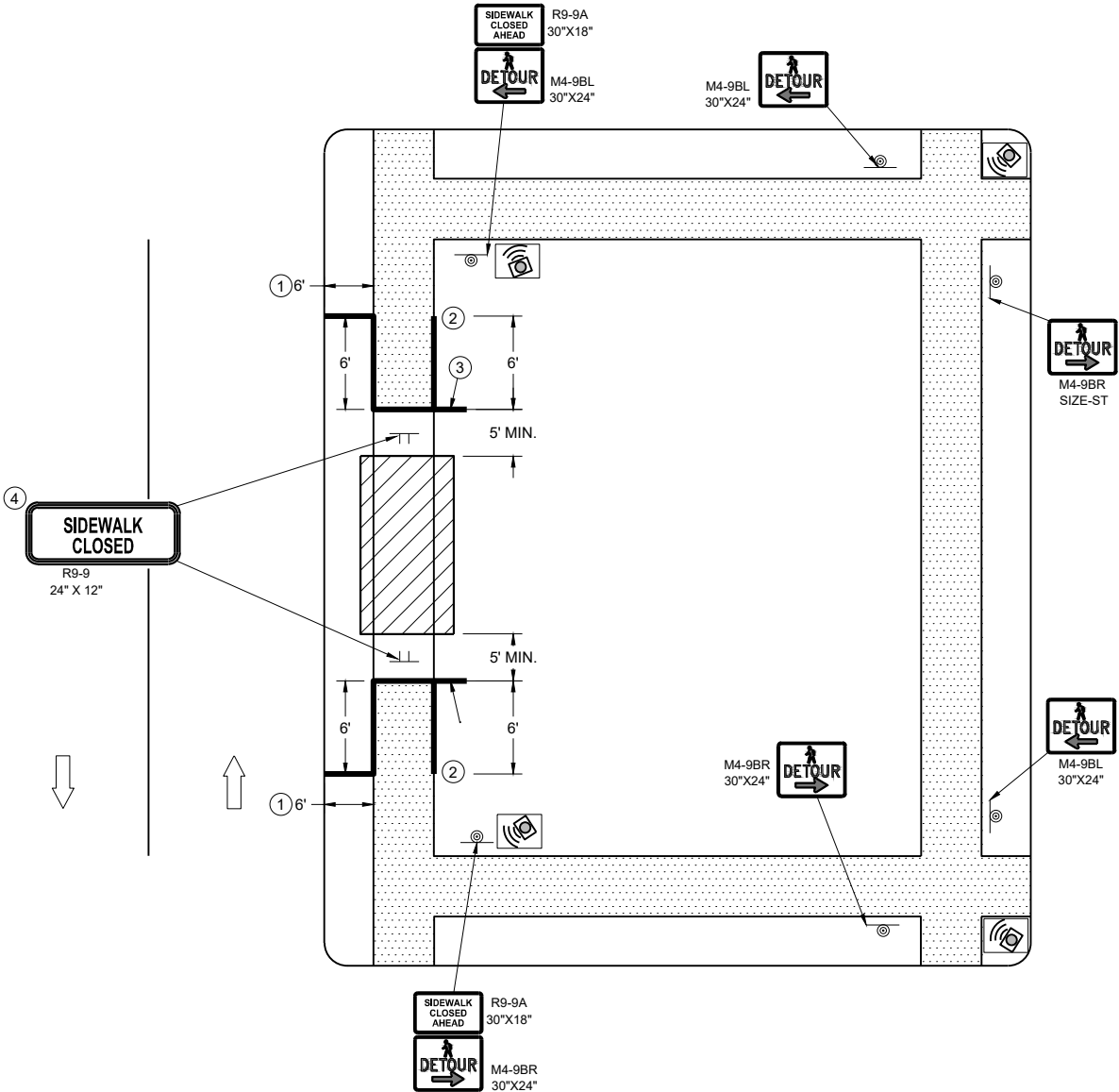
GENERAL NOTES

- CURB RAMPS SHALL BE 48" MINIMUM WIDTH WITH A FIRM, STABLE AND SLIP RESISTANT SURFACE.
- ALTERNATE SIDEWALK WORK BETWEEN LEFT AND RIGHT SIDE OF ROADWAY TO MAINTAIN PEDESTRIAN ACCESS.
- CURB RAMPS AND LANDINGS SHALL HAVE A 1:50 (2%) MAX. CROSS-SLOPE.
- CLEAR SPACE OF 48" X 48" SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP.
- LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN ½" WIDTH.
- CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED ½". LATERAL EDGES MAY BE VERTICAL UP TO ¼" HIGH AND SHALL BE BEVELED AT 1:2 BETWEEN ¼" AND ½".

- ① INSTALL CONTRASTING TEMPORARY DETECTABLE WARNING FIELD AT PEDESTRIAN STREET CROSSINGS, AS SHOWN IN THE PLANS
- ② PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.
- ③ DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).
- ④ DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.
- ⑤ CAN ONLY BE USED FOR RAMPS WITH 6" OR LESS OF VERTICAL CHANGE.

LEGEND

-  SIGN ON PERMANENT SUPPORT
-  SIGN ON TEMPORARY SUPPORT
-  UNDER PEDESTRIAN TRAFFIC
-  WORK AREA
-  TEMPORARY PEDESTRIAN BARRICADE
-  DIRECTION OF TRAFFIC
-  TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)



SIDEWALK DETOUR, SIDEWALK ONLY ON ONE SIDE

GENERAL NOTES

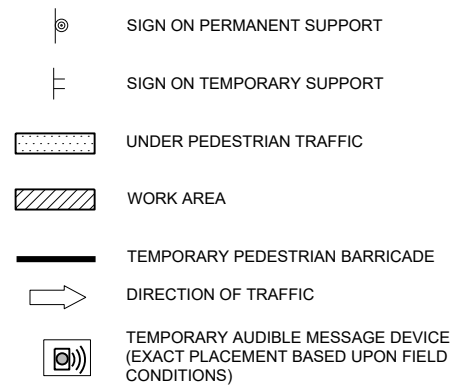
WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

SIGNS THAT REMAIN IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

PLACE TEMPORARY PEDESTRIAN BARRICADE TO FIT FIELD CONDITIONS, AVOIDING CONFLICTS WITH DRIVEWAYS AND OTHER EXISTING FEATURES.

- ① IF TERRACE IS LESS THAN 6 FEET WIDE, OMIT TEMPORARY PEDESTRIAN BARRICADE FROM THE SIDEWALK TO THE CURB.
- ② PLACE BARRICADE CLOSURE SO THAT THE TEMPORARY PEDESTRIAN BARRICADE END IS AT THE LAST OPEN SIDEWALK ACCESS TO RESIDENCES OR BUSINESSES BEFORE THE SIDEWALK CLOSURE.
- ③ IF TEMPORARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE PORTION OF EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.
- ④ MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.

LEGEND



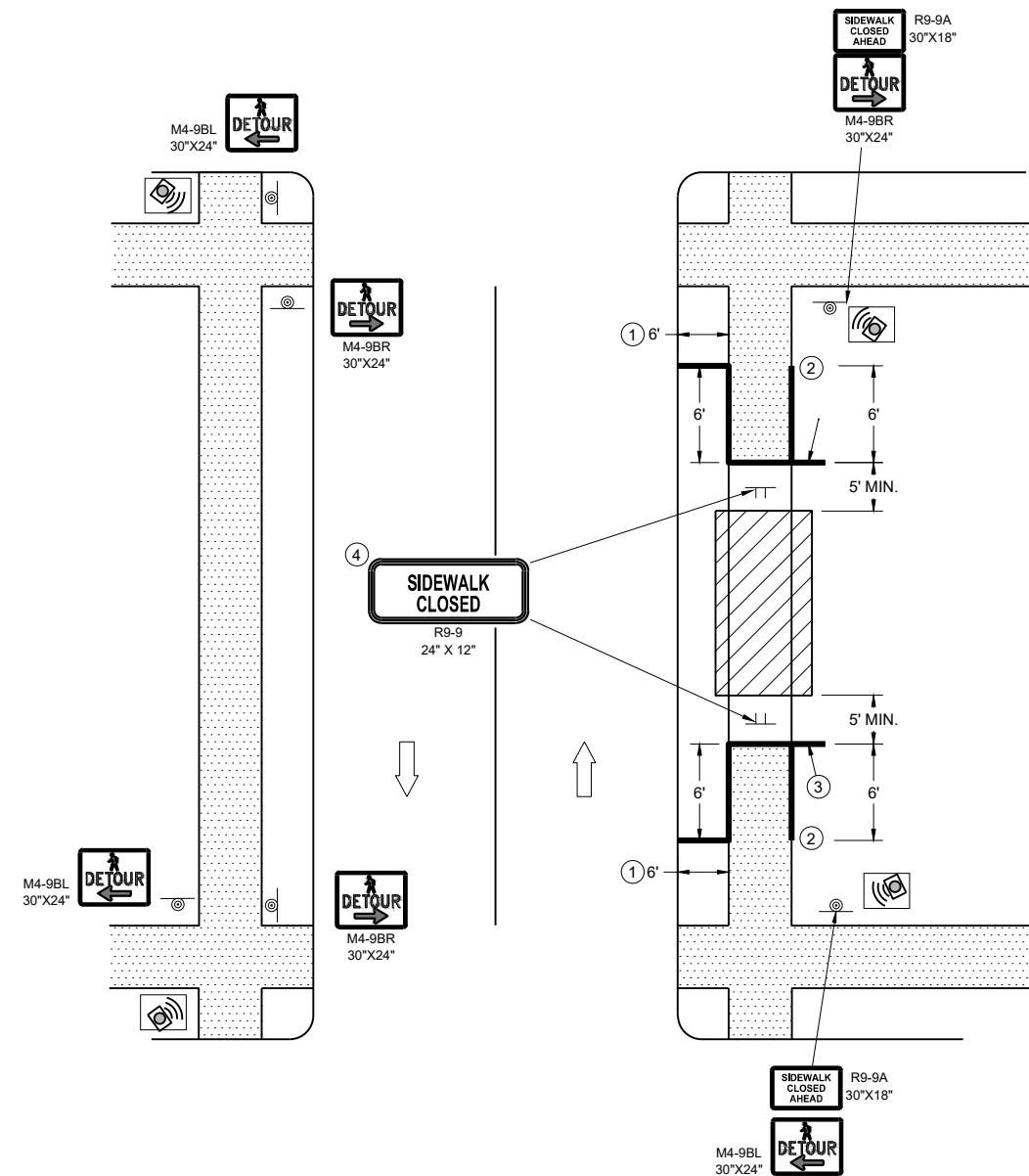
GENERAL NOTES

WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

SIGNS THAT REMAIN IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

PLACE TEMPORARY PEDESTRIAN BARRICADE TO FIT FIELD CONDITIONS, AVOIDING CONFLICT WITH DRIVEWAYS AND OTHER EXISTING FEATURES.

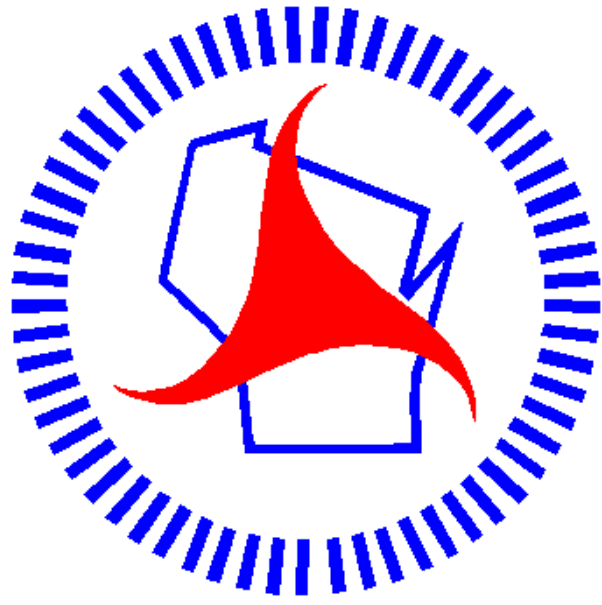
- ① IF TERRACE IS LESS THAN 6 FEET WIDE, OMIT TEMPORARY PEDESTRIAN BARRICADE FROM THE SIDEWALK TO THE CURB.
- ② PLACE BARRICADE CLOSURE SO THAT THE TEMPORARY PEDESTRIAN BARRICADE END IS AT THE LAST OPEN SIDEWALK ACCESS TO RESIDENCES OR BUSINESSES BEFORE THE SIDEWALK CLOSURE.
- ③ IF TEMPORARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE PORTION OF EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.
- ④ MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.



SIDEWALK DETOUR, SIDEWALK ON BOTH SIDES

**TRAFFIC CONTROL,
PEDESTRIAN ACCOMMODATION**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



Wisconsin Department of Transportation

Dedicated people creating transportation solutions
through innovation and exceptional service.

<http://www.dot.wisconsin.gov>