EAU

SEPTEMBER 2024

PROJECT ID: 1000-28-28

WITH:

COUNTY: NORTHWEST REGION WIDE

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 = 60

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1000-28-28	—	—

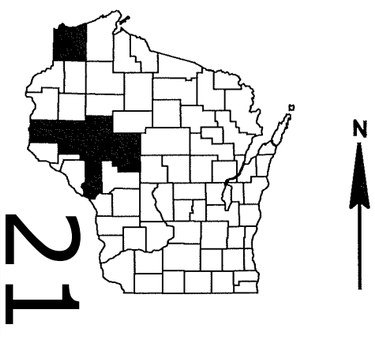
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

NW REGION, TREE CLEARING 2025

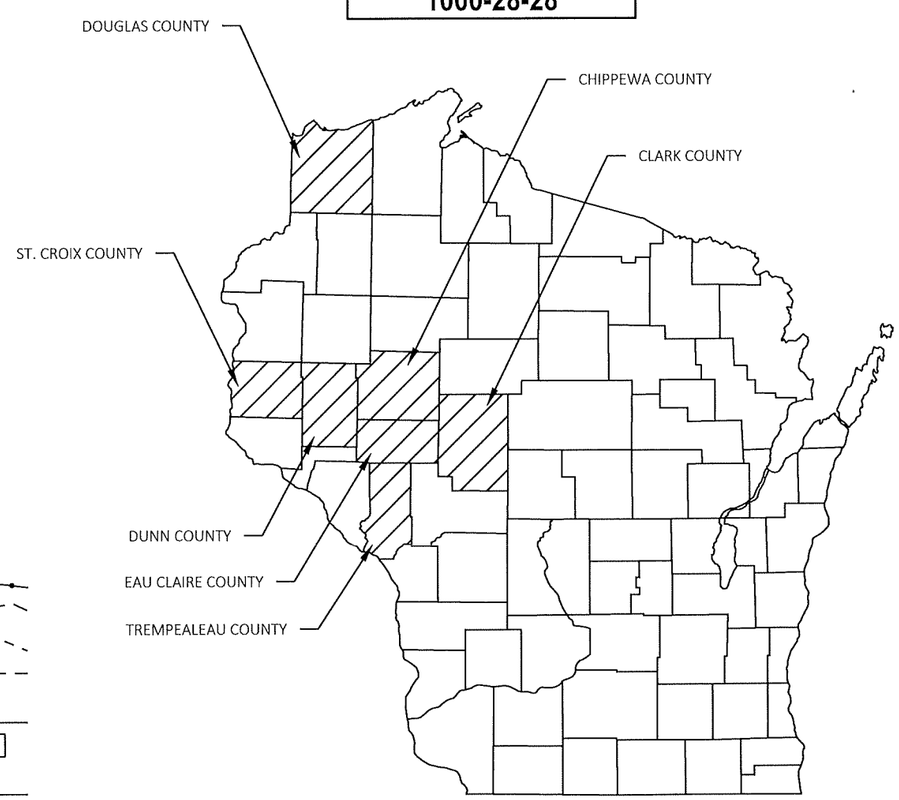
NW REGION VARIOUS COUNTIES

NON HWY
NORTHWEST REGION WIDE



N

STATE PROJECT NUMBER
1000-28-28



DESIGN DESIGNATION

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

CONVENTIONAL SYMBOLS

PLAN
- CORPORATE LIMITS
- PROPERTY LINE
- LOT LINE
- LIMITED HIGHWAY EASEMENT
- EXISTING RIGHT OF WAY
- PROPOSED OR NEW R/W LINE
- SLOPE INTERCEPT
- REFERENCE LINE (300'EB')
- EXISTING CULVERT
- PROPOSED CULVERT (Box or Pipe)
- COMBUSTIBLE FLUIDS (CAUTION)
- MARSH AREA
- WOODED OR SHRUB AREA

PROFILE
- GRADE LINE
- ORIGINAL GROUND
- MARSH OR ROCK PROFILE (To be noted as such) (ROCK)
- SPECIAL DITCH (LABEL)
- GRADE ELEVATION (95.36)
- CULVERT (Profile View)

UTILITIES
- ELECTRIC — E —
- FIBER OPTIC — FO —
- GAS — G —
- SANITARY SEWER — SAN —
- STORM SEWER — SS —
- TELEPHONE — T —
- WATER — W —
- UTILITY PEDESTAL
- POWER POLE
- TELEPHONE POLE

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 {YEAR}, 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 OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	NW REGION
Designer	KOU THAO
Project Manager	TYLER RONGSTAD
Regional Examiner	NW REGION
Regional Supervisor	NICOLE PASSUELLO

APPROVED FOR THE DEPARTMENT

DATE: 6/3/24 Nicole Passuello (Signature)

E

GENERAL NOTES

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

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

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

CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES.

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.

DESIGN PROJECT MANAGER

TYLER RONGSTAD, PE
718 W. CLAIREMONT AVEUE
EAU CLAIRE, WI 54701
(715) 461-0372
tyler.rongstad@dot.wi.gov

DESIGN PROJECT LEADER

KOU THAO
718 W. CLAIREMONT AVEUE
EAU CLAIRE, WI 54701
(715) 838-8392
kou.thao@dot.wi.gov

NW REGION SURVEY COORDINATOR

THOMAS ARMSTRONG, PLS
1701 N. 4th Street
SUPERIOR, WI 54880
(715) 392-7867
thomas.armstrong@dot.wi.gov

ORDER OF SECTION 2 DETAIL SHEETS

GENERAL NOTES
PROJECT CONTACTS
PROJECT OVERVIEW
PROJECT DETAILS

DIGGERS HOTLINE

Dial 811 or (800)242-8511

www.DiggersHotline.com

2

UTILITY CONTACTS

COMCAST - COMMUNICATION LINE
BEN UELAND
SUITE 100
4255 LEXINGTON AVE N
ARDEN HILLS, MN 55126
PHONE: (651) 493-5158
BENJAMIN_UELAND@COMCAST.COM

HUDSON PUBLIC UTILITIES - SEWER
DAVID SMITH
1201 LIVINGSTONE ROAD
HUDSON, WI 54016
PHONE: (715) 441-7179
DSMITH@CI.HUDSON.WI.US

HUDSON PUBLIC UTILITIES - WATER
DAVID SMITH
1201 LIVINGSTONE ROAD
HUDSON, WI 54016
PHONE: (715) 441-7179
DSMITH@CI.HUDSON.WI.US

XCEL ENERGY - ELECTRICITY
JOE MOEN
2001 OLD HIGHWAY 35 SOUTH
HUDSON, WI 54016
PHONE: (715) 566-2495
JOE.J.MOEN@XCELENERGY.COM

STATE AGENCIES

WISCONSIN DNR LIAISON
AMY LESIK
WEST CENTRAL REGION
1300 WEST CLAIREMONT AVENUE
EAU CLAIRE, WI 54701
PHONE: (715) 495-1903
EMAIL: AMYL.LESIK@WISCONSIN.GOV

DESIGN PROJECT MANAGER
DANIEL RAMBO, PE
WISDOT NORTHWEST REGION
718 WEST CLAIREMONT AVENUE
EAU CLAIRE, WI 54701
PHONE: (715) 514-7255
EMAIL: DANIEL.RAMBO@DOT.WI.GOV

SITE 1

COMMUNICATIONS

CENTURYLINK - COMMUNICATION LINE
RUSS VANCE
13 N 21ST
SUPERIOR, WI 54880
(715)718-3165
RUSSEL.VANCE@LUMEN.COM

CHARTER COMMUNICATIONS - COMMUNICATION LINE
NICK WALTERS
640 GARFIELD AVENUE
DULUTH, MN 55802
(218) 529-8025
NICK.WALTERS@CHARTER.COM

CONSOLIDATED COMMUNICATIONS PUBLIC SERVICES, INC.
JUSTIN GREV
221 EAST HICKORY ST
MANKATO, MN
(507)386-3606
JUSTIN.GREV@CONSOLIDATED.COM

MERIT NETWORK, INC. - COMMUNICATION LINE
NICK ANDRUS
1000 OAKBROOK DRIVE, SUITE 200
ANN ARBOR, MI 48104
(734) 527-5777
OSP@MERIT.EDU

NORVADO - COMMUNICATION LINE
GUY FOLSOM
43705 USH 63
P.O. BOX 67
CABLE, WI 54821-0067
(715) 798-7123
GFOLSOM@NORVADO.COM

GAS/PETROLEUM

MAGELLAN PIPELINE - GAS/PETROLEUM
ADRIAN REENTS
1 WILLIAMS CENTER
OTC 8
TULSA, OK 74172
(918) 574-7860
ADRIAN.REENTS@MAGELLANLP.COM

SUPERIOR REFINING COMPANY, LLC - GAS/PETROLEUM
NIK MASSIE
2407 STINSON AVE
P.O. BOX 2066
SUPERIOR, WI 54880
(218)590-5453
NICHOLAS.MASSIE@HUSKYENERGY.COM

SUPERIOR WATER, LIGHT & POWER CO - GAS/PETROLEUM
JAMISON MEHLE
2915 HILL AVE
SUPERIOR, WI 54880
(715) 395-6288
JMEHLE@SWLP.COM

ELECTRICITY & WATER

SUPERIOR WATER, LIGHT & POWER CO
JAMISON MEHLE
2915 HILL AVE
SUPERIOR, WI 54880
(715) 395-6288
JMEHLE@SWLP.COM

SEWER

CITY OF SUPERIOR PUBLIC WORKS - SEWER
TODD JANIGO
1316 N 14TH STREET
SUPERIOR, WI 54880
(715) 395-7373
JANIGOT@CI.SUPERIOR.WI.US

SITE 2

DESIGN CONTACT

WISCONSIN DEPARTMENT OF TRANSPORTATION
NORTHWEST REGION – SUPERIOR OFFICE
STEPHANIE J. KING, PE - PROJECT MANAGER
1701 N. FOURTH STREET
SUPERIOR, WI 54880-1068
715-392-7874
STEPHANIE.KING@DOT.WI.GOV

DNR CONTACT

STATE OF WISCONSIN
NORTHWEST DISTRICT
HWY 70 WEST
P.O. BOX 309
SPOONER, WI 54801
TELEPHONE: 715.635.4229
ATTENTION: AMY CRONK
EMAIL: AMY.CRONK@WISCONSIN.GOV

2

UTILITIES

COMMUNICATIONS

DONNA SMOTHERS
835 RED IRON ROAD
BLACK RIVER FALLS, WI 54615
(715)284-4375
DONNA SMOTHERS@LUMEN.COM

CINC
DAREN BAUER
105 GARFIELD AVE
EAU CLAIRE WI 54701
(715)836-5286
bauerdp@uwec.edu

TRI-COUNTY COMMUNICATIONS COOPERATIVE
BUCK WEBB
417 5TH AVE N
P.O.BOX 578
STRUM WI 54770
(715)695-2691
bwebb@tccpro.net

ELECTRIC

RIVERLAND ENERGY COOPERATIVE
TIM HOLTAN
N28988 STATE ROAD 93
P.O.BOX 277
ARCADIA WI 54612
(608)323-3381
tholtan@riverlandenergy.com

DAN KLEIN
PO BOX 8
EAU CLAIRE, WI 54702-0008
(715)577-7729
DANIEL.J.KLEIN@XCELENERGY.COM

GAS/PETROLEUM

WE ENERGIES
DAN SANDE
333 W EVERETT ST A299
MILWAUKEE WI 53203
(414)221-4578
Dan.Sande@we-energies.com

SEWER/WATER

CITY OF OSSEO
JIM DEICH
13712 8TH ST
OSSEO WI 54758
(715) 597-2207
osseopublicworks@triwest.net

DNR LIASON

AMY LESIK
DNR WEST CENTRAL REGION HQ
1300 W. CLAIREMONT AVE.
EAU CLAIRE, WI 54702-4001
715-495-1903
amy.lesik@wisconsin.gov

SITE 3

DESIGN CONTACT

AYRES ASSOCIATES INC.
BRETT HOLLISTER
3433 OAKWOOD HILLS PARKWAY
EAU CLAIRE, WI 54701
715-834-3161
HOLLISTERB@AYRESASSOCIATES.COM

DESIGN PROJECT MANAGER

WISDOT NORTHWEST REGION
DANIEL RAMBO
718 WEST CLAIREMONT AVENUE
EAU CLAIRE, WI 54701
715-514-7255
DANIEL.RAMBO@DOT.WI.GOV

DNR CONTACT

DEPARTMENT OF NATURAL RESOURCES
BRAD BETTHAUSER
910 HWY 54 E
BLACK RIVER FALLS, WI 54615
715-213-9064
BRADLEY.BETTHAUSER@WISCONSIN.GOV

UTILITY CONTACTS

ATC MANAGEMENT, INC.-ELECTRICITY-TRANSMISSION
TONY MARCINIAK
W234 N2000 RIDGEVIEW PARKWAY COURT
PO BOX 47
WAUKESHA, WI 53187-0047
262-506-6814
AMARCINIAK@ATCLLC.COM

CLARK ELEC COOP
MIKE RUFF
PO BOX 190
GREENWOOD, WI 54437
MIKE RUFF PHONE #
MIKE RUFF EMAIL

GREENWOOD CITY OF UTILITY
TRENT JOHNSON
PO BOX D
GREENWOOD, WI 54437
715-267-7496
TJOHNSON@GREENWOODWI.COM

MAGELLAN PIPELINE - GAS/PETROLEUM
ADRIAN REENTS
1 WILLIAMS CENTER
TULSA, OK 74172
ADRIAN PHONE
ADRIAN EMAIL

WE ENERGIES-GAS/PETROLEUM
KRISTEN RONGHOLT
500 S 116TH STREET
WEST ALLIS, WI 53214
414-221-2738
WE-UTILITY-RELOCATIONS@WE-ENERGIES.COM

EVERSTREAM
ABIGAIL STEIN
324 E WISCONSIN AVE, SUITE 730
MILWAUKEE, WI 53202
414-409-9316
ASTEIN@EVERSTREAM.NET

LUMEN
TOM DINEEN
19 W FOND DU LAC ST
RIPON, WI 54971
920-748-2752
THOMAS.DINEEN@LUMEN.COM

FRONTIER COMMUNICATIONS OF WI LLC-COMMUNICATION LINE
RUSS RYAN
521 4TH ST
WAUSAU, WI 54403
920-737-9662
RUSSELL.W.RYAN@FTR.COM

LEVEL 3 COM LLC
HEATHER BLACKBURN
TULSA, OK
HEATHER.BLACKBURN@LUMEN.COM

TDS TELECOM-COMMUNICATION LINE
JEFF SHAW
202 E OGDEN STREET
MEDFORD, WI 54451
JEFF SHAW PHONE
JEFF SHAW EMAIL

XCEL ENERGY-TRANSMISSION
PAM TAYLOR
1414 W HAMILTON AVE
PO BOX 8
EAU CLAIRE, WI 54702-0008
715-737-1306
PAMELA.L.TAYLOR@XCELENERGY.COM

XCEL ENERGY-ELECTRICITY
JOHN KELSER
1414 W HAMILTON AVE
P.O. BOX 8
EAU CLAIRE, WI 54702
JOHN.KELSER@XCELENERGY.COM

SITE 4

2

UTILITIES CONTACTS

BRIGHTSPEED
COMMUNICATIONS
ROB LUICK
1905 WARD AVENUE S
LA CROSSE, WI 54601
PHONE: 123-123-4567
EMAIL: ROBERT.LUICK@BRIGHTSPEED.COM

RIVERLAND ENERGY COOPERATIVE
ELECTRIC
JOSH ABRAMCZAK
P.O. BOX 277
ARCADIA, WI 54612
PHONE: 123-123-4567
EMAIL: JABRAMCZAK@RIVERLANDENERGY.COM

XCEL ENERGY
UTILITY TYPE
DAWN SCHULTZ
P.O. BOX 8
EAU CLAIRE, WI 54702
PHONE: 123-123-4567
EMAIL: DAWN.SCHULTZ@XCELENERGY.COM

WISCONSIN DNR LIAISON

DEPARTMENT OF NATURAL RESOURCES
AMY LESIK
1300 W CLAIREMONT
EAU CLAIRE, WI 54701
PHONE: 715-495-1903
EMAIL: AMYL.LESIK@WISCONSIN.GOV

DESIGN PROJECT MANAGER

MSA PROFESSIONAL SERVICES, INC.
ALEX PASSOW, PE
146 NORTH CENTRAL AVENUE, SUITE 201
MARSHFIELD, WI 54449
PHONE: 715-304-0401
EMAIL: APASSOW@MSA-PS.COM

COUNTY HIGHWAY COMMISSIONER

TREMPEALEAU COUNTY HIGHWAY DEPARTMENT
NEIL OLSON
P.O. BOX 97
WHITEHALL, WI 54773
PHONE: 715-538-9402
EMAIL: NEIL.OLSON@CO.TREMPEALEAU.WI.US

SITE 5

2

DNR AREA LIAISON:

DNR WEST CENTRAL REGION HEADQUARTERS
1300 WEST CLAIREMONT AVENUE
EAU CLAIRE, WI 54701
TELEPHONE: 715.934.9014
ATTENTION: LEAH NICOL
EMAIL: LEAH.NICOL@WISCONSIN.GOV

WISDOT CONTACT:

WISCONSIN DEPT OF TRANSPORTATION
NORTHWEST REGION
718 W. CLAIREMONT AVE.
EAU CLAIRE, WI 54701
TELEPHONE: 715.635.4973
ATTENTION: BETH CUNNINGHAM
EMAIL: BETH.CUNNINGHAM@DOT.WI.GOV

DESIGN CONTACT:

SEH INC.
10 NORTH BRIDGE STREET
CHIPPEWA FALLS, WI 54729-2550
TELEPHONE: 715.720.6253
ATTENTION: BRETT HOLLISTER
EMAIL: BHOLLISTER@SEHINC.COM

UTILITY CONTACT LIST:

BRIGHTSPEED - COMMUNICATION LINE
BRIAN HUHN
425 ELLINGSON AVENUE
HAWKINS, WI 54530
(980) 376-15759 (OFFICE)
(715) 563-8294 (MOBILE)
BRIAN.HUHN@BRIGHTSPEED.COM

SPECTRUM - COMMUNICATION LINE
RYAN LUCKEN
12401 MCCCANN DR
ALTOONA, WI 54720
(715) 833-7390
RYAN.LUCKEN@CHARTER.COM

EAU CLAIRE ENERGY COOPERATIVE - ELECTRIC
JOSH VANINGAN
8214 US HIGHWAY 12
P.O. BOX 368
FALL CREEK, WI 54742-0368
(715) 832-6473
JVANINGAN@ECEC.COM

FLINT HILLS RESOURCE PINE BEND - GAS/PETROLEUM
SHELDON RAU
13775 CLARK ROAD
ROSEMOUNT, MN 55068
SHELDON.RAU@FHR.COM

RIVERLAND ENERGY COOPERATIVE - ELECTRIC
JOSH ABRAMCZAK
N28988 STATE ROAD 93
P.O. BOX 277
ARCADIA, WI 54612-0277
(608) 323-3381
JABRAMCZAK@RIVERLANDENERGY.COM

TRI-COUNTY COMMUNICATIONS COOPERATIVE - COMMUNICATION LINE
JAY KONSELA
417 5TH AVE N
P.O. BOX 578
STRUM, WI 54770
(715) 530-4245
JKONSELA@TCCPRO.NET

XCEL ENERGY - GAS/PETROLEUM
BECKY MARQUARDT
1400 WESTERN AVE
EAU CLAIRE, WI 54701
(715) 737-1590
REBECCA.K.MARQUARDT@XCELENERGY.COM

SITE 7

UTILITIES CONTACTS

RIVERLAND ENERGY COOPERATIVE
TIM HOLTON
N28988 STATE ROAD 93
P.O. BOX 277
ARCADIA, WI 54612-0277
PHONE608-323-3381
EMAIL: tholtan@riverlandenergy.com

BRIGHTSPEED
BRIAN HUHN
425 ELLINGSON AVENUE
HAWKINS, WI 54530
PHONE608-615-7347
CELL: 715-563-8294
EMAIL: brian.huhn@brightspeed.com

WISCONSIN DNR LIAISON

AMY LESIK
WDNR
1300 W. CLAIREMONT AVENUE
EAU CLAIRE, WI 54701
PHONE715-836-6571
CELL: 715-495-1903
EMAIL: AmyL.lesik@wisconsin.gov

DESIGN PROJECT MANAGER

TOU YANG, PE
WISDOT NW REGION
718 W. CLAIREMONT AVENUE
EAU CLAIRE, WI 54701
PHONE715-833-5570
EMAIL: tou.yang@dot.wi.gov

DESIGN PROJECT LEADER

DANIEL SYDOW, PE
AYRES ASSOCIATES
3433 OAKWOOD HILLS PARKWAY
EAU CLAIRE, WI 54701
PHONE715-834-3161
EMAIL: sydowd@AyresAssociates.com

TOWN CONTACT

PAUL HALDERSON, CHAIRMAN
TOWN OF GALE
20037 GIBSON STREET
GALESVILLE, WI 54630
PHONE608-582-9933
EMAIL: clerk@townofgalewi.gov

COUNTY HIGHWAY COMMISSIONER

NEIL OLSON, COMMISSIONER
TREMPEALEAU COUNTY
20699 STATE ROAD 121
P.O. BOX 97
WHITEHALL, WI 54773
PHONE715-538-9402
EMAIL: neil.olson@co.trempealeau.wi.us

SITE 6

2

UTILITIES CONTACTS

DAIRYLAND POWER COOPERATIVE
3200 EAST AVE S
LA CROSSE, WI 54602
ATTN: ROB MALY
608-787-1427
608-518-2633 (cell)
rob.maly@dairylandpower.com

DUNN ENERGY COOPERATIVE
N5725 600th ST.
P.O. BOX 220
MENOMONIE, WI 54751
ATTN: MIKE ANDRASCHKO
715-323-6240
715-231-0214 (cell)
mandra@dunnenergy.com

NELSON TELEPHONE COOPERATIVE
dba Ntec
P.O. BOX 228
DURAND, WI 54736
ATTN: MATT HOYT
715-672-4204
matt@ntec.net

WEST WISCONSIN TELCOM COOPERATIVE
912 CRESCENT STREET
MENOMONIE, WI 54751
ATTN: BRADLEY SCHMIDTKNECHT
715-231-0504
715-308-1914 (cell)
brads@wwt.coop

WISCONSIN DNR LIAISON

LEAH NICOL
WEST CENTRAL REGION
1300 WEST CLAIREMONT AVENUE
EAU CLAIRE, WI 54701
PHONE: 715-934-9014
EMAIL: Leah.Nicol@wisconsin.gov

DESIGN PROJECT MANAGER

MATTHEW BERG
WISDOT NW REGION
718 WEST CLAIREMONT AVENUE
EAU CLAIRE, WI 54701
PHONE: 920-366-4750
EMAIL: Matthew.Berg@dot.wi.gov

DESIGN PROJECT LEADER

ARLEN BEAUDETTE, PE
AYRES ASSOCIATES
3433 OAKWOOD HILLS PARKWAY
EAU CLAIRE, WI 54701
PHONE: 715-834-3161
EMAIL: beaudettea@AyresAssociates.com

COUNTY HIGHWAY COMMISSIONER

DUSTIN BINDER
DUNN COUNTY
3303 HIGHWAY 12 EAST
MENOMONIE, WI 54751
PHONE: 715-231-6587
EMAIL: dbinder@co.dunn.wi.us

SITE 8

2

UTILITIES

CHIPPEWA VALLEY ELECTRIC COOPERATIVE
317 S 8TH STREET
P.O. BOX 575
CORNELL, WI 54732
ATTN: NIC ALBERSON
715-239-6800
nalberson@cve.coop

LUMEN TECHNOLOGIES
425 ELLINGSON AVENUE
HAWKINS, WI 54530
ATTN: BRIAN HUHN
608-615-7347
715-563-8294 (CELL)
Brian.huhn@lumen.com

WISCONSIN DEPARTMENT OF NATURAL RESOURCES CONTACT:

LEAH NICOL
1300 W CLAIREMONT AVENUE
EAU CLAIRE, WI 54701
715-934-9014
leah.nicol@Wisconsin.gov

COUNTY CONTACT

CHIPPEWA COUNTY HIGHWAY DEPT.
801 EAST GRAND AVENUE
CHIPPEWA FALLS, WI 54729
ATTN: FRED ANDERSON, PROJECT MANAGER
715-738-2610
fanderson@chippewacountywi.gov

DESIGNER

AYRES ASSOCIATES
3433 OAKWOOD HILLS PARKWAY
EAU CLAIRE, WI 54701
ATTN: DANIEL SYDOW, PE
715-834-3161
sydowd@ayresassociates.com

SITE 9

2

UTILITY CONTACTS

AT&T DISTRIBUTION
304 SOUTH DEWEY STREET
EAU CLAIRE, WI 54701
ATTN: RICK PADOLAK
OFFICE: 715-839-5565
CELL: 715-410-0656
rp4514@att.com

CITY OF EAU CLAIRE WATER AND SEWER UTILITIES
1000 FERRY STREET
EAU CLAIRE, WI 54703
ATTN: BEN SPANEL
715-839-6117
ben.spanel@eauclairewi.gov

DAIRYLAND POWER COOPERATIVE - ELECTRIC
3200 EAST AVENUE SOUTH
PO BOX 817
LA CROSSE, WI 54602
ATTN: SARA EDMAN
608-787-1295
sara edman@dairylandpower.com

VILLAGE OF LAKE HALLIE PUBLIC WORKS - WATER
13136 30TH AVENUE
LAKE HALLIE, WI 54729
ATTN: SAM BAUTCH
715-559-7019
PWDept@lakehallie.us

XCEL ENERGY - GAS/PETROLEUM
1414 WEST HAMILTON AVENUE
PO BOX 8
EAU CLAIRE, WI 54702
ATTN: DAWN SCHULTZ
715-559-4579
dawn.schultz@xcelenergy.com

XCEL ENERGY - ELECTRICITY
1414 WEST HAMILTON AVENUE
PO BOX 8
EAU CLAIRE, WI 54702
ATTN: DAWN SCHULTZ
715-559-4579
dawn.schultz@xcelenergy.com

DNR CONTACT

DNR WEST CENTRAL REGION HQ
1300 WEST CLAIREMONT AVENUE
EAU CLAIRE, WI 54701
ATTN: LEAH NICOL
715-934-9014
leah nicol@wisconsin.gov

DESIGN CONTACT

AYRES ASSOCIATES INC
3433 OAKWOOD HILLS PARKWAY
EAU CLAIRE, WI 54701
ATTN: JEFF ABRAMSON, PE
715-834-3161
abramsonj@ayresassociates.com

SITE 10

2

UTILITIES CONTACTS

AT&T DISTRIBUTION
COMMUNICATION
RICK PODOLAK
304 S DEWEY ST
EAU CLAIRE, WI 54701
PHONE: 715-839-5565
EMAIL: RP4514@ATT.COM

CITY OF EAU CLAIRE
SANITARY SEWER
BEN SPANEL
1000 FERRY STREET
EAU CLAIRE, WI 54703
PHONE: 715-839-5045
EMAIL: BEN.SPANEL@EAUCLAIREWI.GOV

EAU CLAIRE ENERGY COOPERATIVE
ELECTRIC
ARIK ARNEVIK
8214 HIGHWAY 12
FALL CREEK, WI 54742
PHONE: 715-836-6485
EMAIL: AARNEVIK@ECEC.COM

CHARTER COMMUNICATIONS
COMMUNICATION
JAMEY OLDEEN
2304 S MAIN ST
RICE LAKE, WI 54868
PHONE: 715-719-0561
EMAIL: JAMEY.OLDEEN@CHARTER.COM

CITY OF EAU CLAIRE
WATER
BEN SPANEL
2711 RIVERVIEW DRIVE
EAU CLAIRE, WI 54703
PHONE: 715-839-5045
EMAIL: BEN.SPANEL@EAUCLAIREWI.GOV

XCEL ENERGY
ELECTRIC
CORISSA SEELY
1414 W. HAMILTON AVE P.O. BOX 8
EAU CLAIRE, WI 54702-0008
PHONE: 715-737-4097
EMAIL: CORISSA.E.SEELY@XCELENERGY.COM

WISCONSIN DNR LIAISON

LEAH NICOL
WEST CENTRAL REGION HEADQUARTERS
1300 WEST CLAIREMONT AVE
EAU CLAIRE, WI 54701
PHONE: 715.836.6571
EMAIL: LEAH.NICOL@WISCONSIN.GOV

CITY CONTACT

LEAH NESS
CITY OF EAU CLAIRE
230 S FARWELL STREET
EAU CLAIRE, WI 54701
PHONE: 715-839-4934
EMAIL: LEAH.NESS@EAUCLAIREWI.GOV

DESIGN PROJECT MANAGER

KEVIN MEYER, PE
CORRE INC.
1802 WARDEN ST
EAU CLAIRE, WI 54703
PHONE: 715.299.1894
EMAIL: KMEYER@CORREINC.COM

WISDOT CONTACT

TODD BECKER, PE
NORTHWEST REGION
718 WEST CLAIREMONT AVE
EAU CLAIRE, WI 54701
PHONE: 414.217.7728
EMAIL: TODD.BECKER@DAARCORP.COM

SITE 11

2

2

UTILITIES CONTACTS

COMMUNICATIONS

AT&T WISCONSIN
RICK PODOLAK
4TH FLOOR, 304 S DEWEY ST
EAU CLAIRE, WI 54701
PHONE: (715) 839-5565 (OFFICE)
PHONE: (715) 410-0656 (CELL)
EMAIL: rp4514@att.com

CINC
DAREN BAUER
105 GARFIELD AVE
EAU CLAIRE, WI 54701
PHONE: (715) 836-5286
EMAIL: bauerdp@uwec.edu

CHARTER COMMUNICATIONS
GREG SOPAIRZ
1201 MCCANN DR
ALTOONA, WI 54720
PHONE: (715) 214-1171 (OFFICE)
PHONE: (715) 519-0057 (CELL)
EMAIL: greg.sopiarz@charter.com

ELECTRICITY

XCEL ENERGY - ELECTRICITY - TRANSMISSION
1414 W HAMILTON AVE
EAU CLAIRE, WI 54701
PHONE: (715) 737-1431

CHIPPEWA VALLEY ELECTRIC
NIC ALBERSON
317 S 8TH ST
CORNELL, WI 54732
PHONE: (715) 239-6800 (OFFICE)
PHONE: (715) 202-0823 (CELL)
EMAIL: nalberson@cve.coop

GAS/PETROLEUM

XCEL ENERGY - GAS/PETROLEUM
KRISTEN HOFACKER
1414 WESTERN AVE
P.O. BOX 8
EAU CLAIRE, WI 54702-0008
PHONE: (715) 737-1086 (OFFICE)
PHONE: (715) 577-9183 (CELL)
EMAIL: kristen.a.hofacker@xcelenergy.com

SEWER & WATER

CHIPPEWA FALLS DEPT. OF PUBLIC UTILITY - SEWER & WATER
BRANDON CESAFSKY
30 WEST CENTRAL ST
CHIPPEWA FALLS, WI 54729
PHONE: (715) 726-2736 (ENGINEERING DEPT.)
PHONE: (715) 726-2741 (WATER DEPT.)
EMAIL: btcesafsky@chippewafalls-wi.gov

DESIGN CONTACT

AECOM
ZACH LARSON
1350 DEMING WAY, STE. 100
MIDDLETON, WI 53562
PHONE: (608) 828-8165
EMAIL: zachary.larson@aecom.com

WISDOT

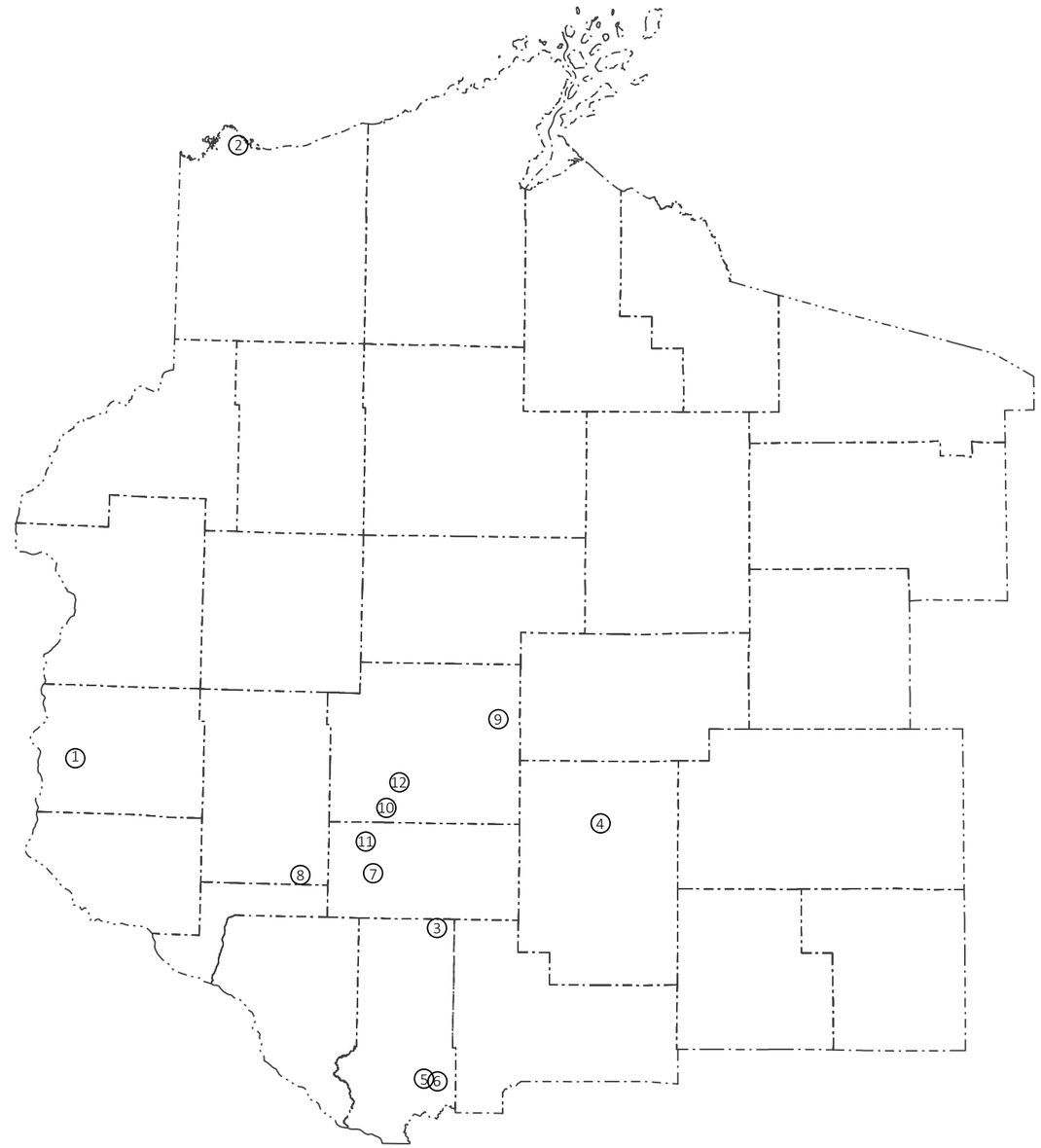
WisDOT DESIGN PROJECT MANAGER
JOSH LANG
944 VANDERPERREN WAY
GREEN BAY, WI 54304
PHONE: (920) 362-6170
EMAIL: joshua.lang@dot.wi.gov

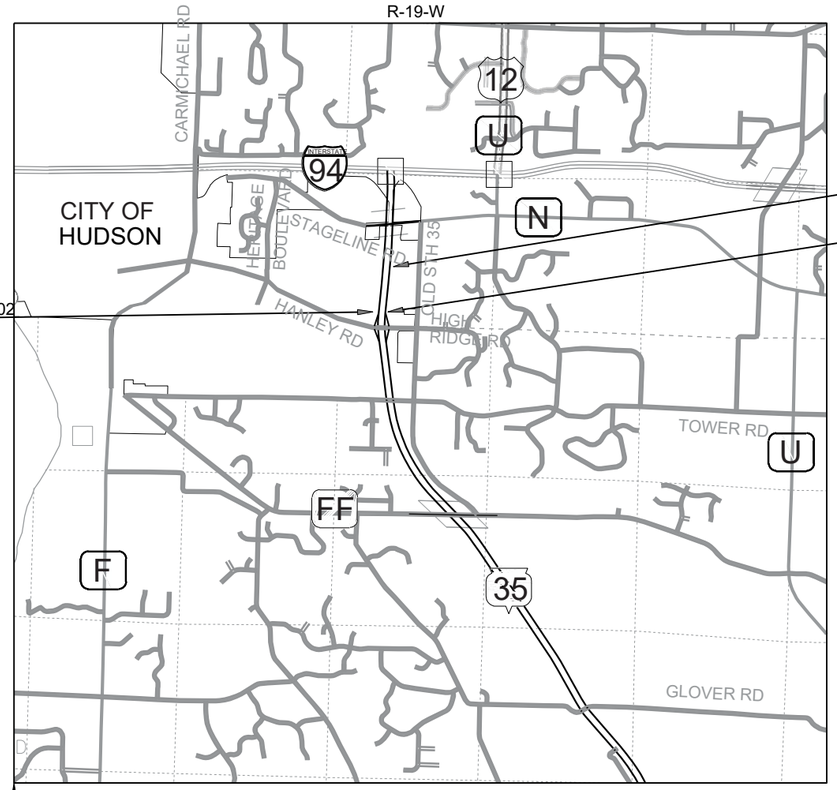
WISDNR

LEAH NICOL
WEST CENTRAL REGION HEADQUARTERS
1300 WEST CLAIREMONT AVE
EAU CLAIRE, WI 54701
PHONE: (715) 836-6571
EMAIL: leah.nicol@wisconsin.gov

SITE 12

SITE	SOURCE WISDOT PROJECT ID	COUNTY	ROADWAY CLEARING
1	1020-00-85	ST. CROIX	STH 35
2	1198-03-73	DOUGLAS	LENROOT DRIVE
3	1535-07-73	TREMPEALEAU	USH 10
4	7050-00-72	CLARK	STH 73
5	7281-00-76	TREMPEALEAU	WHALEN ROAD
6	7282-00-72	TREMPEALEAU	SMIKRUD ROAD
7	7590-00-73	EAU CLAIRE	STH 93
8	7874-00-70	DUNN	810TH STREET
9	8902-05-70	CHIPPEWA	CTH G
10	7864-00-74	CHIPPEWA	CTH 00
11	7995-02-76	EAU CLAIRE	HAMILTON AVE
12	8610-02-74	CHIPPEWA	STH 124





STRUCTURE N-55-04

STRUCTURE N-55-03

STRUCTURE N-55-02

T-29-N

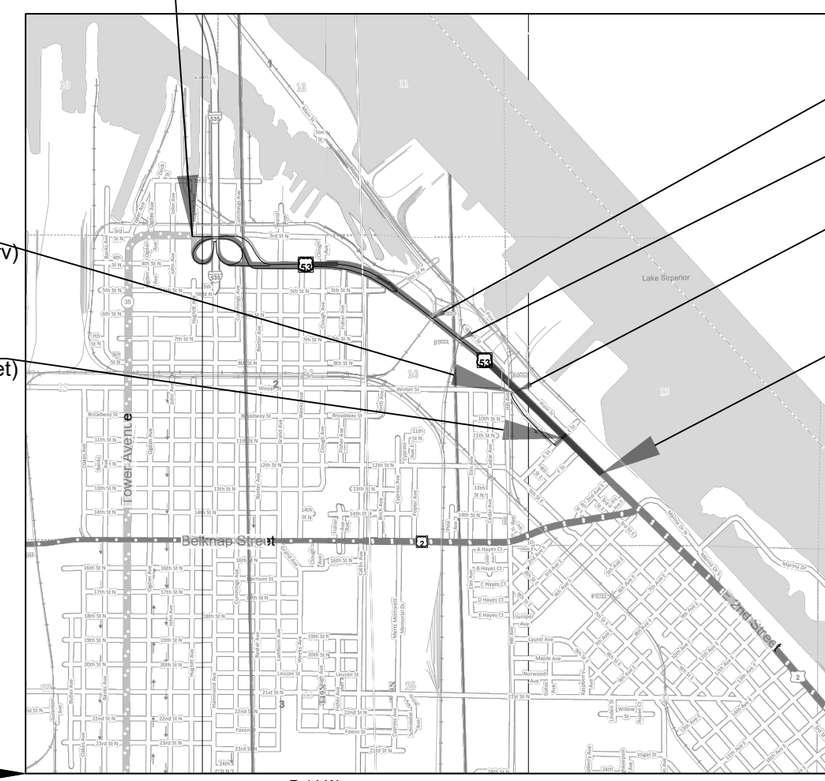
T-28-N

SITE 1

BEGIN PROJECT 1198-03-73
STA 320+85.0
X: 587,894.437
Y: 131,283.073

END PROJECT 1198-03-80
STA 711+90.99 (Lenroot Drv)
X: 593,529.165
Y: 128,606.883

BEGIN PROJECT 1198-03-80
STA 580+00.0 (E Street)
X: 594,417.353
Y: 127,820.795



NET EXCEPTION TO CL LENGTH
STRUCTURE B-16-10 STA 69+70.46 - STA 71+88.39

NET EXCEPTION TO CL LENGTH
STRUCTURE B-16-11 STA 75+77.11 - STA 77+57.92

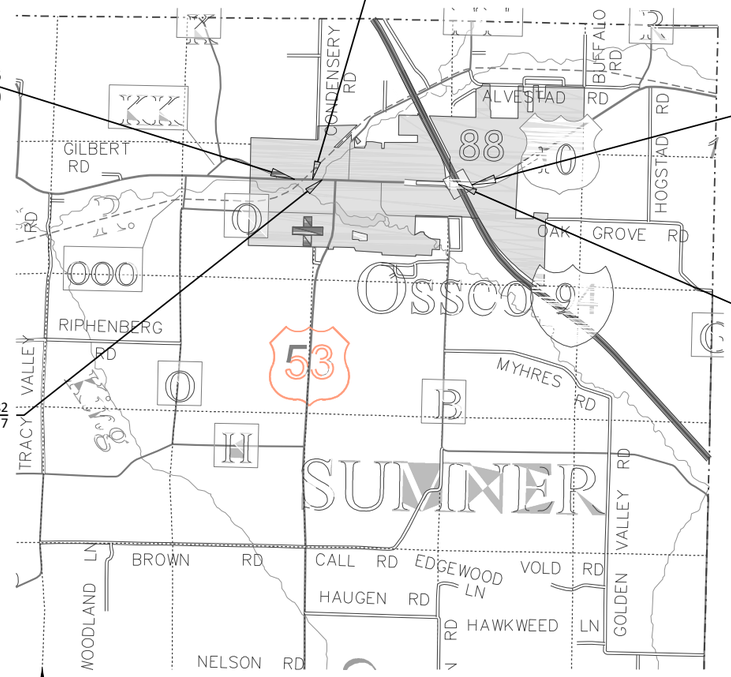
NET EXCEPTION TO CL LENGTH
STRUCTURE B-16-12 STA 86+58.47 - 93+23.47

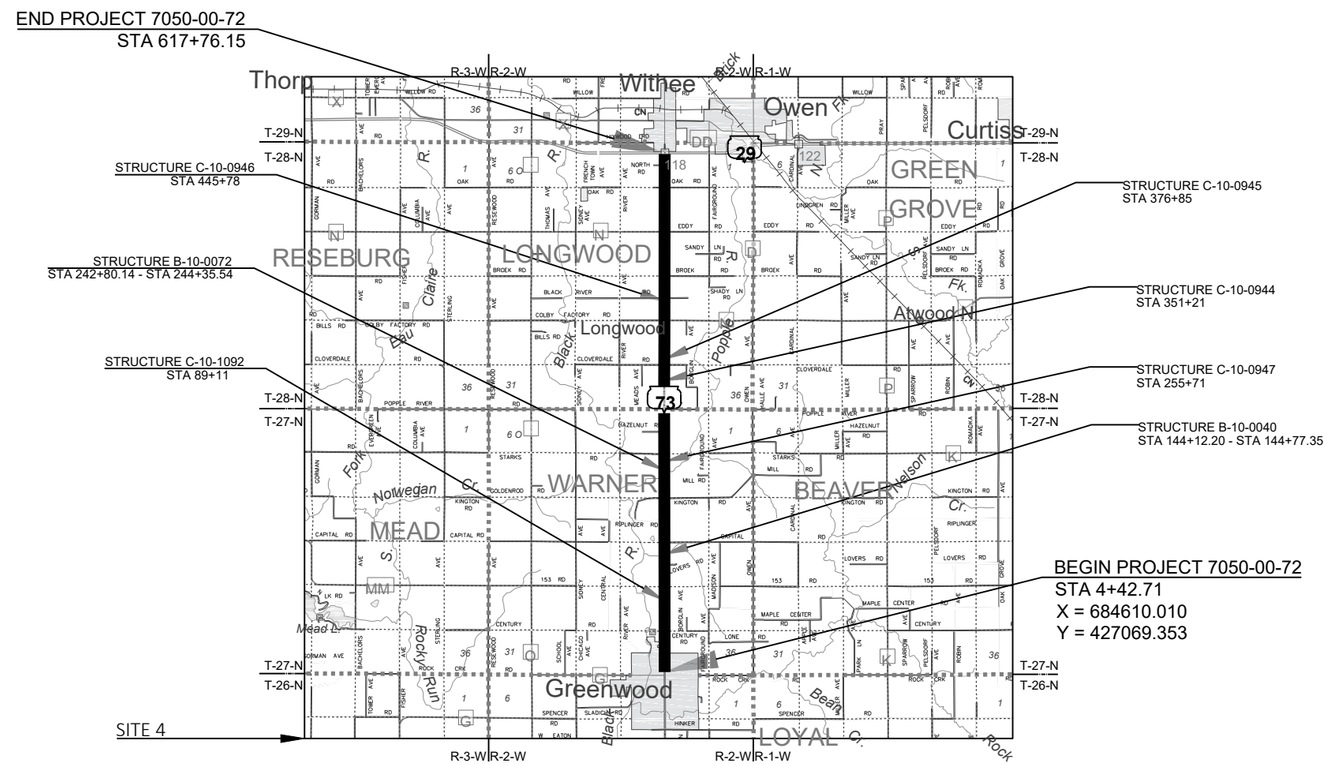
END PROJECT 1198-03-73
STA 110+25
X: 593,807.517
Y: 128,405.010

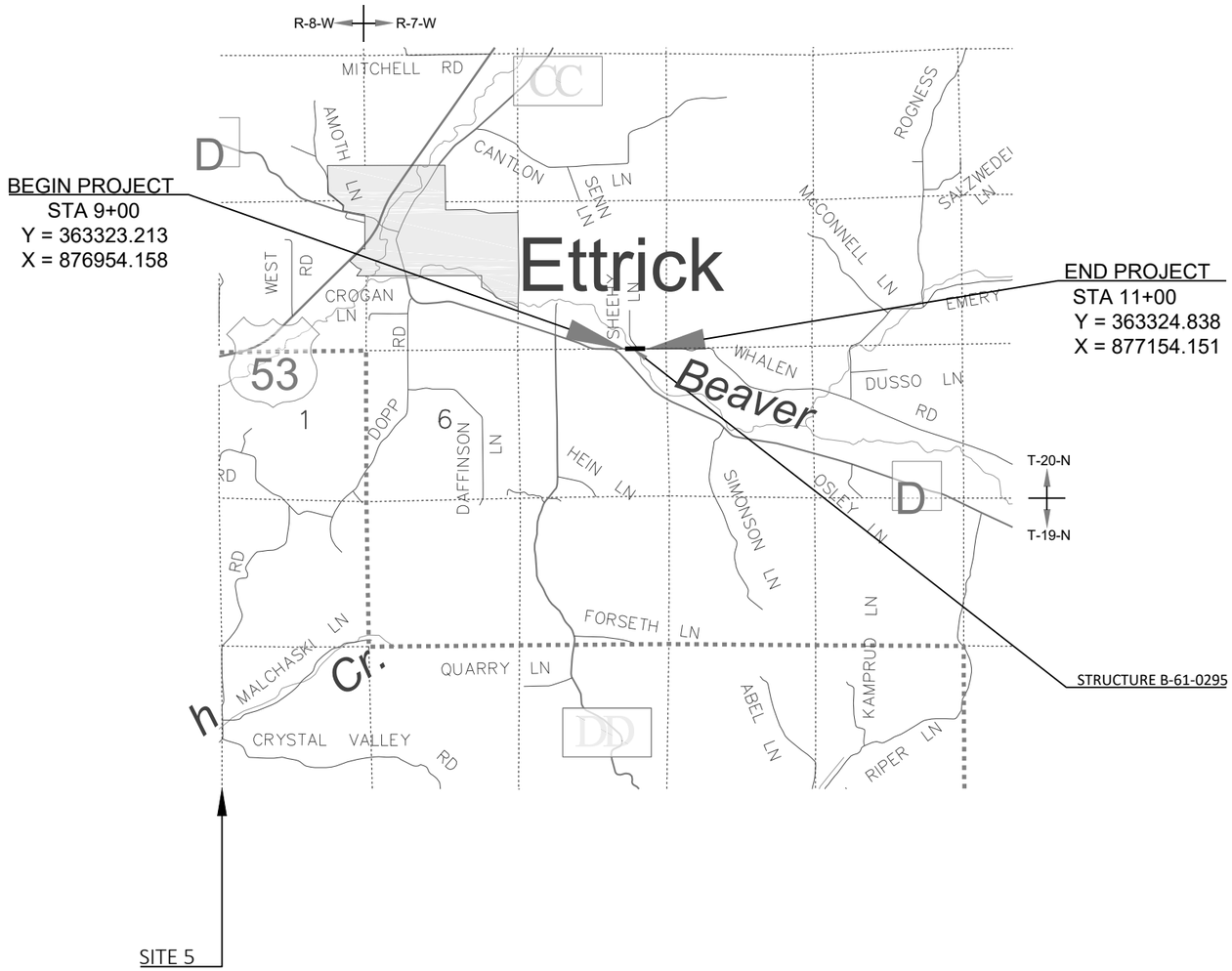
T-49-N

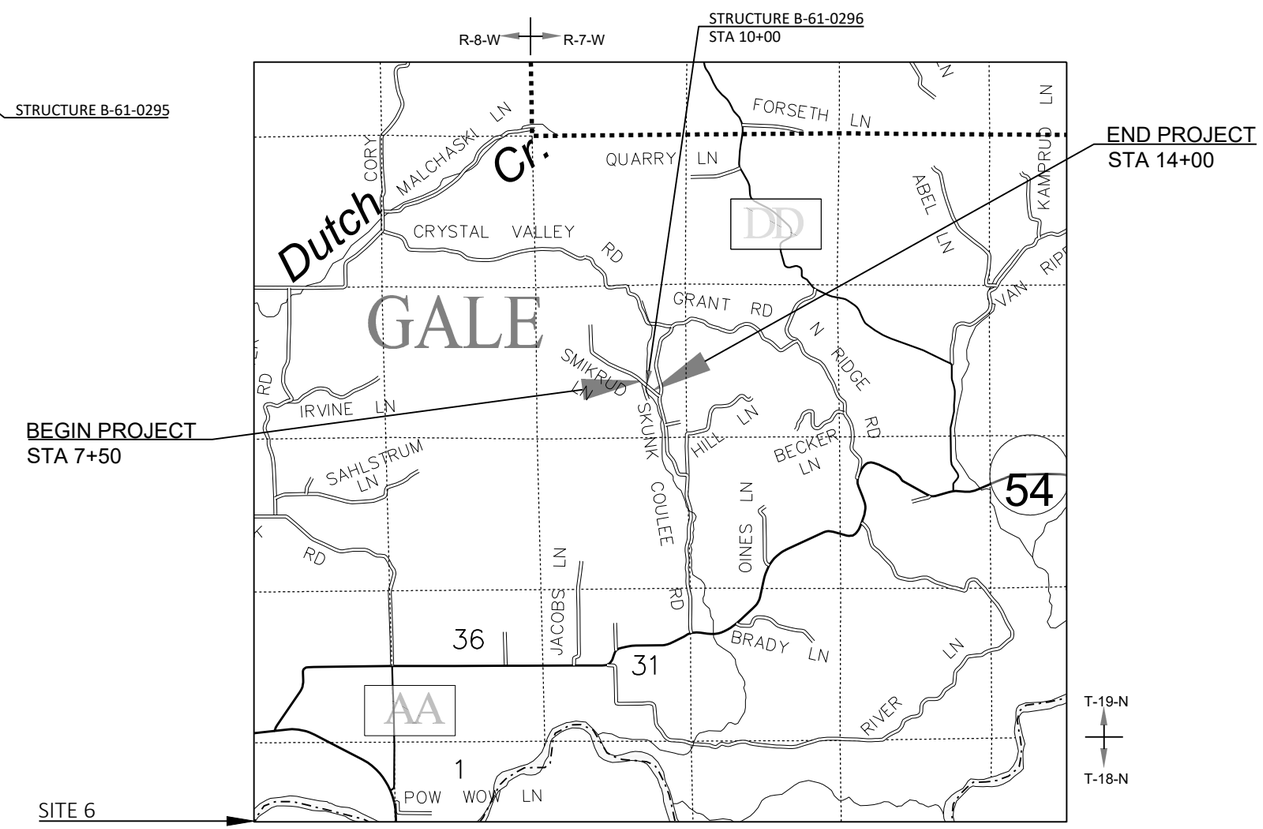
SITE 2

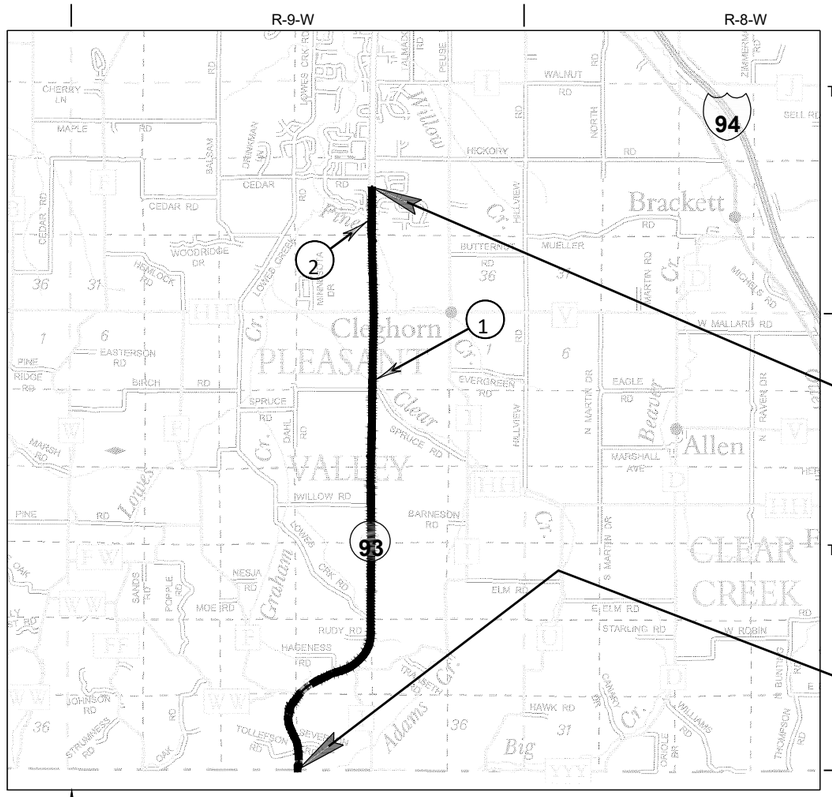
R-14-W


EQUATION; STA. 130+74.68 BK =
STA. 9+00 AH.
R-7-W
BEGIN PROJECT 1535-07-73
STATION 127+80.00
X = 878820.892
Y = 517053.041
END PROJECT 1535-07-73
STATION 74+00.00
EXCEPTION TO NET CENTERLINE LENGTH
STRUCTURE B-61-156
STA. 68+25.7 TO STA. 70+42.7
T-24-N
STRUCTURE B-61-282
STA. 13+94.7 TO STA. 14+50.7
CONDENSERY RD
BUFFALO RD
ALVESTAD RD
GILBERT RD
HOGSTAD RD
OAK GROVE RD
RIPHENBERG RD
TRACY VALLEY RD
MYHRES RD
SUMNER
BROWN RD
CALL RD
EDGEWOOD LN
VOLD RD
HAUGEN RD
HAWKWEED LN
GOLDEN VALLEY RD
WOODLAND LN
NELSON RD
53
88
SITE 3


END PROJECT 7050-00-72
STA 617+76.15
Thorp
Withee
Owen
Curtiss
R-3-W
R-2-W
R-1-W
T-29-N
T-28-N
T-27-N
T-26-N
STRUCTURE C-10-0946
STA 445+78
STRUCTURE B-10-0072
STA 242+80.14 - STA 244+35.54
STRUCTURE C-10-1092
STA 89+11
STRUCTURE C-10-0945
STA 376+85
STRUCTURE C-10-0944
STA 351+21
STRUCTURE C-10-0947
STA 255+71
STRUCTURE B-10-0040
STA 144+12.20 - STA 144+77.35
BEGIN PROJECT 7050-00-72
STA 4+42.71
X = 684610.010
Y = 427069.353
RESEBURG
LONGWOOD
GREEN GROVE
Longwood
Atwood N
WARNER
BEAVER
MEAD
Greenwood
LOYAL
Black
Popple
Fk.
Norwegan
Nelson
Cr.
Rocky Run
Beaver
29
73
SITE 4


R-8-W
R-7-W
MITCHELL RD
CC
D
AMOTH LN
CANTLON LN
SENN LN
ROGNESS
SALZWEDEL LN
MCCONNELL LN
BEGIN PROJECT
STA 9+00
Y = 363323.213
X = 876954.158
Ettrick
WEST RD
CROGAN LN
SHEEN LN
END PROJECT
STA 11+00
Y = 363324.838
X = 877154.151
EMERY
53
WHALEN
DUSSO LN
RD
Beaver
1
6
DOPP RD
DAFFINSON LN
HEIN LN
SIMONSON LN
OSLEY LN
D
T-20-N
T-19-N
FORSETH LN
MALCHASKI LN
QUARRY LN
Cr.
h
KAMPRUD LN
ABEL LN
CRYSTAL VALLEY RD
DD
RIPER LN
STRUCTURE B-61-0295
SITE 5


R-8-W
R-7-W
STRUCTURE B-61-0296
STA 10+00
FORSETH LN
LN
END PROJECT
STA 14+00
CORY
MALCHASKI LN
Cr.
QUARRY LN
KAMPRUD LN
ABEL LN
Dutch
CRYSTAL VALLEY RD
DD
GRANT RD
VAN RIPER
GALE
N RIDGE RD
SMIKRUD LN
RD
IRVINE LN
SKUNK COULEE RD
HILL LN
BECKER LN
BEGIN PROJECT
STA 7+50
SAHLSTRUM LN
54
OINES LN
RD
JACOBS LN
36
31
BRADY LN
RIVER LN
AA
T-19-N
T-18-N
1
POW WOW LN
SITE 6



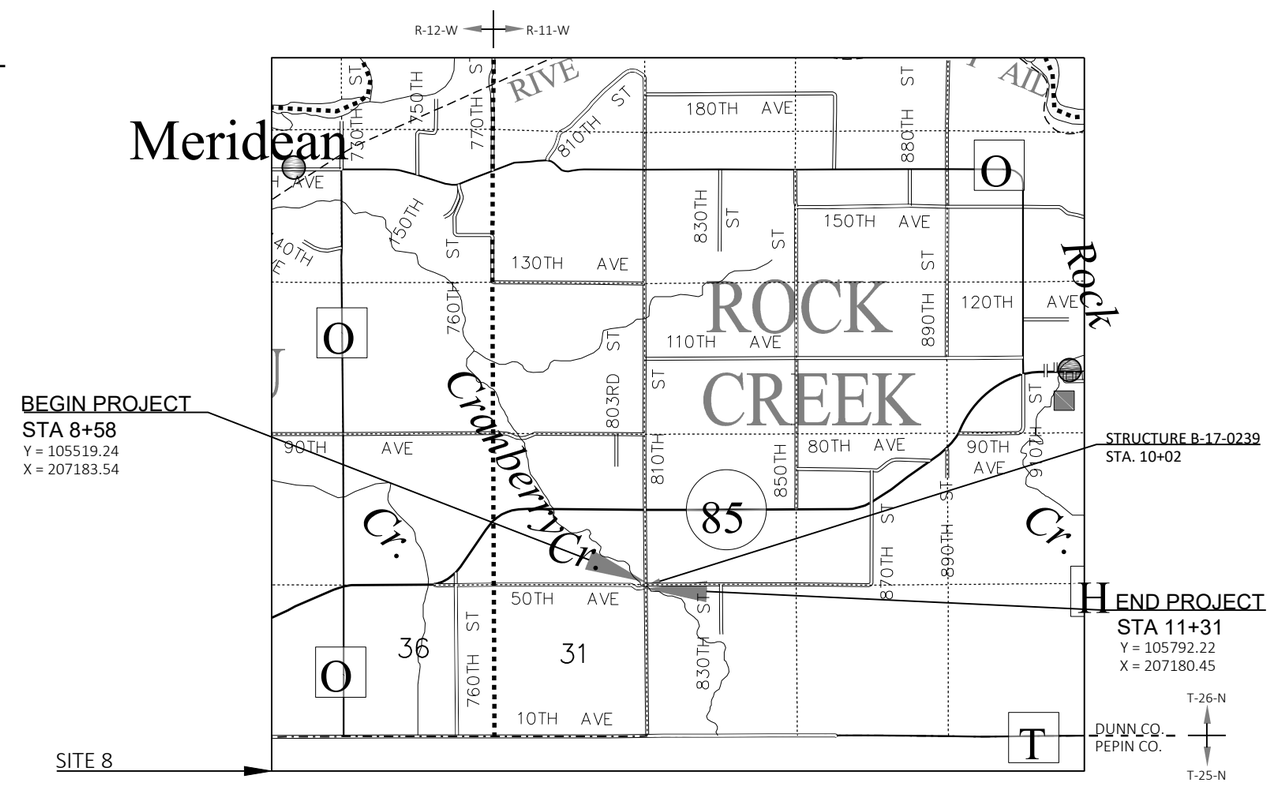
END PROJECT
STA 452+98

1 STRUCTURE B-18-241 (CLEAR CREEK)

2 STRUCTURE B-18-251 (PINE CREEK)

BEGIN PROJECT
STA 15+25
Y=200,089.2453
X=347,369.6071

SITE 7

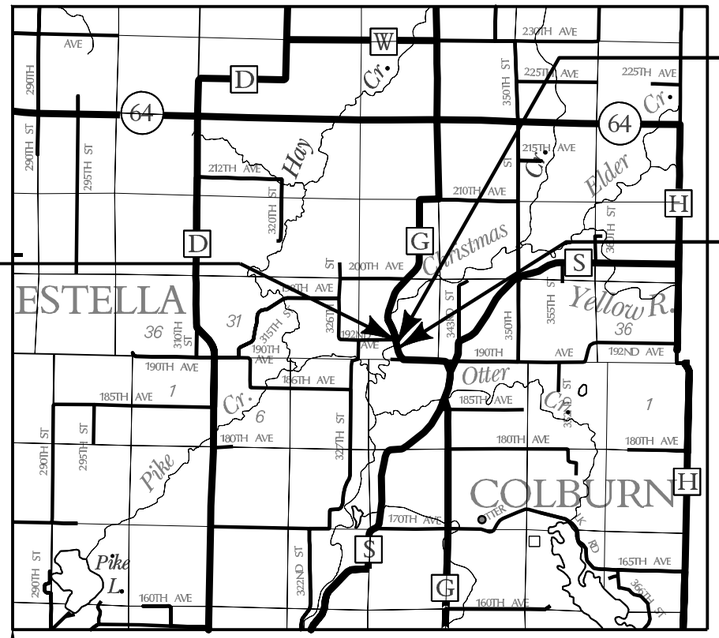


BEGIN PROJECT
STA 8+58
Y = 105519.24
X = 207183.54

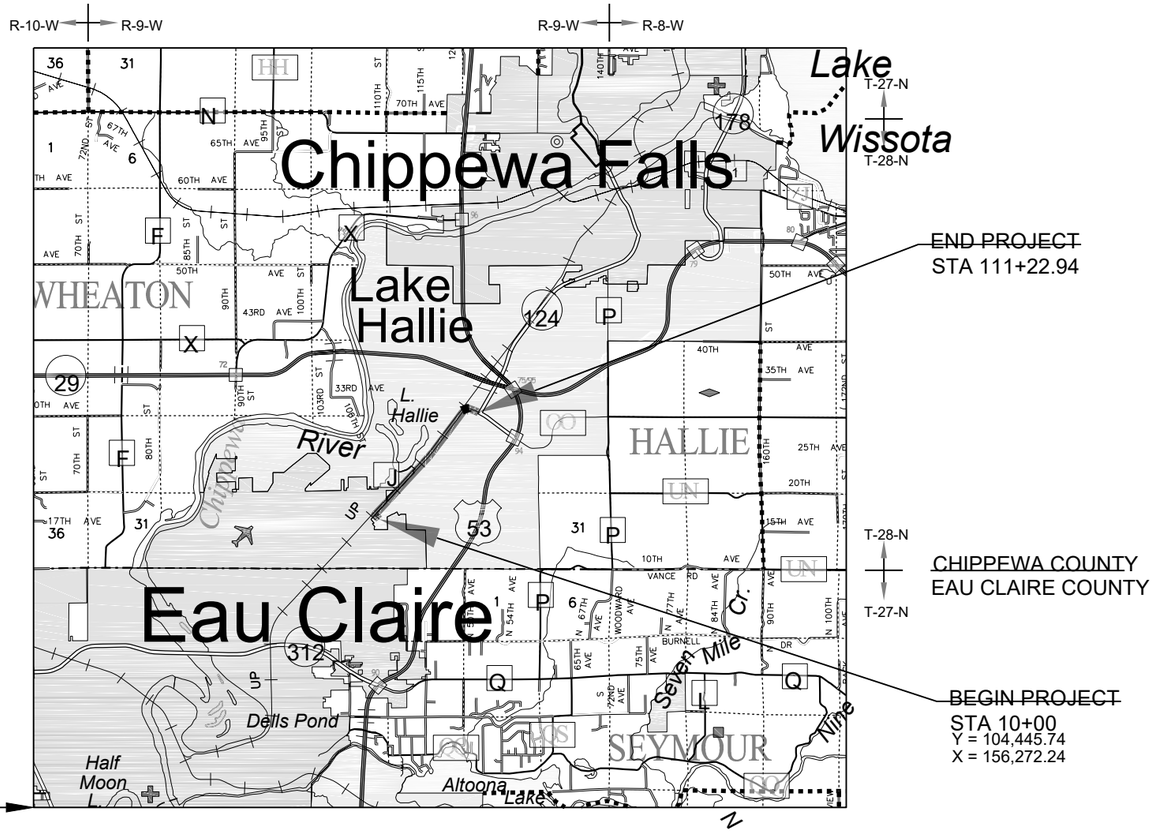
STRUCTURE B-17-0239
STA. 10+02

END PROJECT
STA 11+31
Y = 105792.22
X = 207180.45

SITE 8



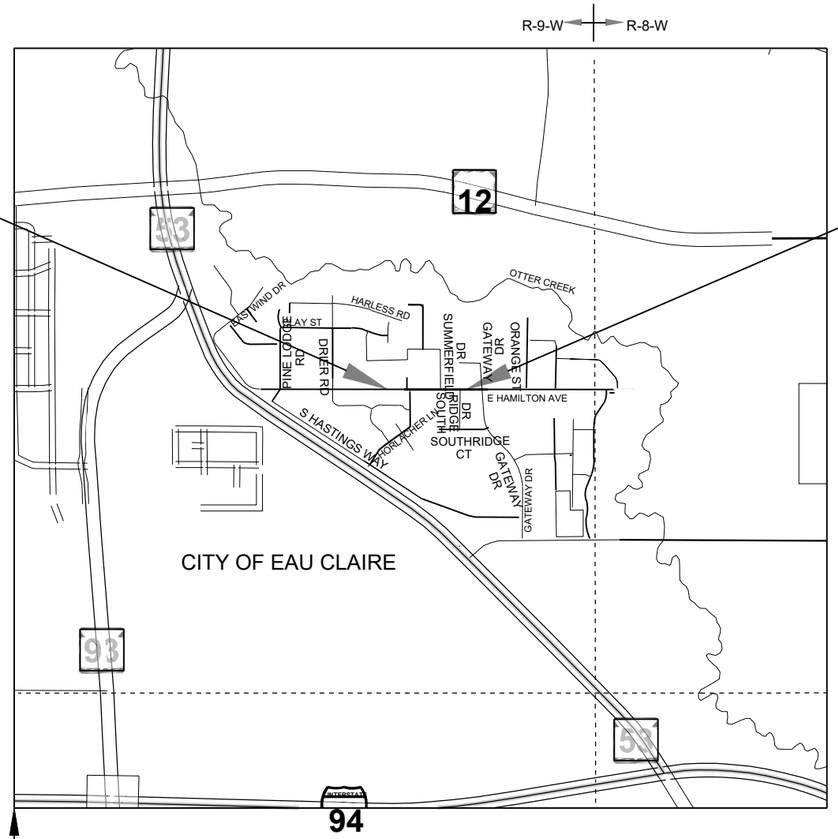
SITE 9



SITE 10

BEGIN PROJECT
STA10+48.09
Y = 269,233.223
X = 354,934.348

END PROJECT
STA 23+42.27



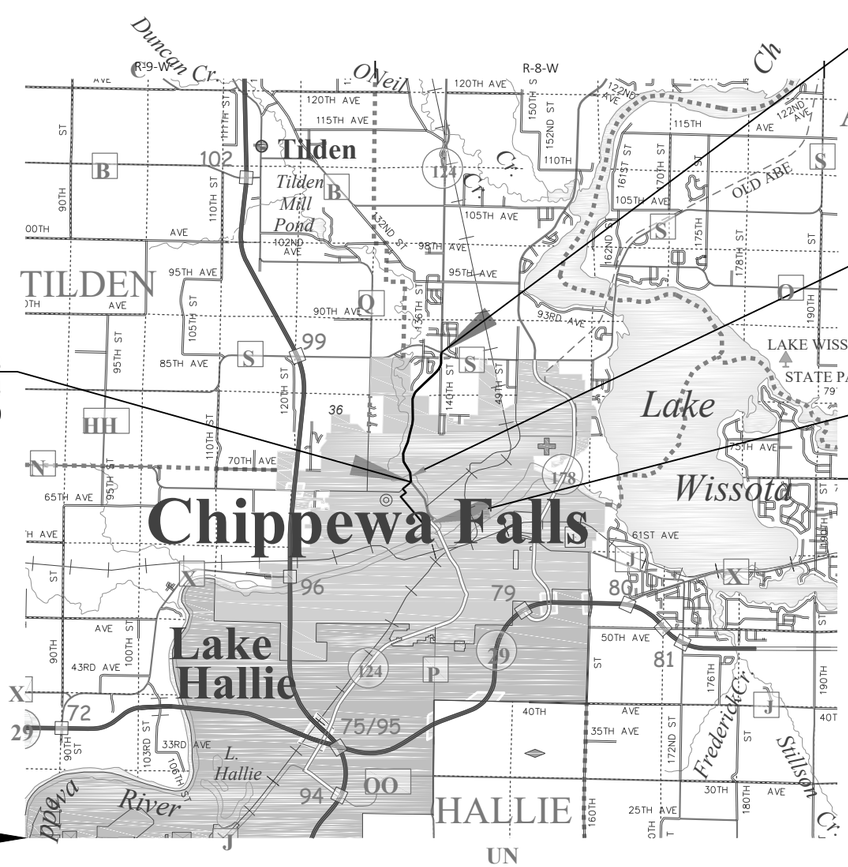
SITE 11

END PROJECT 8610-08-73
STA 1080+00.00
Y = 140,591.329
X = 172,648.215

B-09-001
EXCEPTION TO LENGTH
STA 986+18 - 987+73

BEGIN PROJECT 8610-08-73
END PROJECT 8610-02-74
STA 982+75.00
Y = 131,823.9473
X = 170,619.380

BEGIN PROJECT 8610-02-74
STA 938+63.59
Y = 128,868.982
X = 171,877.473



SITE 12

PROJECT NO: 1000-28-28	HWY: NON HWY	COUNTY: NORTHWEST REGION WIDE	PROJECT OVERVIEW	SHEET 15	E

2

*ALL WORK, EXCEPT CLEARING, IS BY OTHERS AND FOR INFORMATION ONLY.

N

BP: 10+00.00 H

H+00
6.44' LT

LOCATE FENCE WOVEN WIRE 4-FT AT END OF NOISE WALL AND PERPENDICULAR TO EXISTING FENCE

PI: 11+13.80 H

PI: 12+84.34 H

R/W

REMOVING FENCE REQ'D

11+00 H

12+00 H

13+00 H

14+00 H

15+00 H

16+

MATCH LINE 16+00 H

N-55-02

SLOPE INTERCEPT (TYP.)

CULV #: 55035080211
STA. 573+06 Q
EXISTING 2 - 24-INCH CPRC TO REMAIN
NO WORK

573+00 Q

574+00 Q

575+00 Q

576+00 Q

STH 35 SOUTHBOUND EXIT RAMP

2

N

MATCH LINE 16+00 H

00 H

N-55-02

17+00 H

PI: 17+76.00 H

PI: 18+12.00 H

18+00 H

REMOVING FENCE REQ'D

PROPOSED DITCH FLOW LINE

PI: 18+96.00 H

EP: 19+20.00 H

19+00 H

R/W

EXISTING N-55-02
(TO REMAIN)

1.8%

0.5%

0.5%

H+12
5.00' RT
ELEV = 902.08'

Q+07.47
8.00' LT

H+50
5.00' RT
ELEV = 902.27'

H+96
MATCH EXISTING
DITCH FLOW LINE

H+71.24
MATCH EXISTING DITCH
FLOW LINE/EDGE OF RIP RAP

SLOPE INTERCEPT (TYP.)

577+00 Q

578+00 Q

579+00 Q

580+00 Q

581+00 Q

Q+18.57
8.00' LT

STH 35 SOUTHBOUND EXIT RAMP

CULV #:55035083450
STA. 578+07 Q
EXISTING 2 - 24-INCH CPRC TO REMAIN
NO WORK

MGS GUARDRAIL
TERMINAL TYPE 2 REQ'D

STA. 578+23.09, MGS GUARDRAIL TERMINAL TYPE 2 END POST
STA. 578+18.57 LT - STA. 579+07.47 LT, MGS GUARDRAIL 3

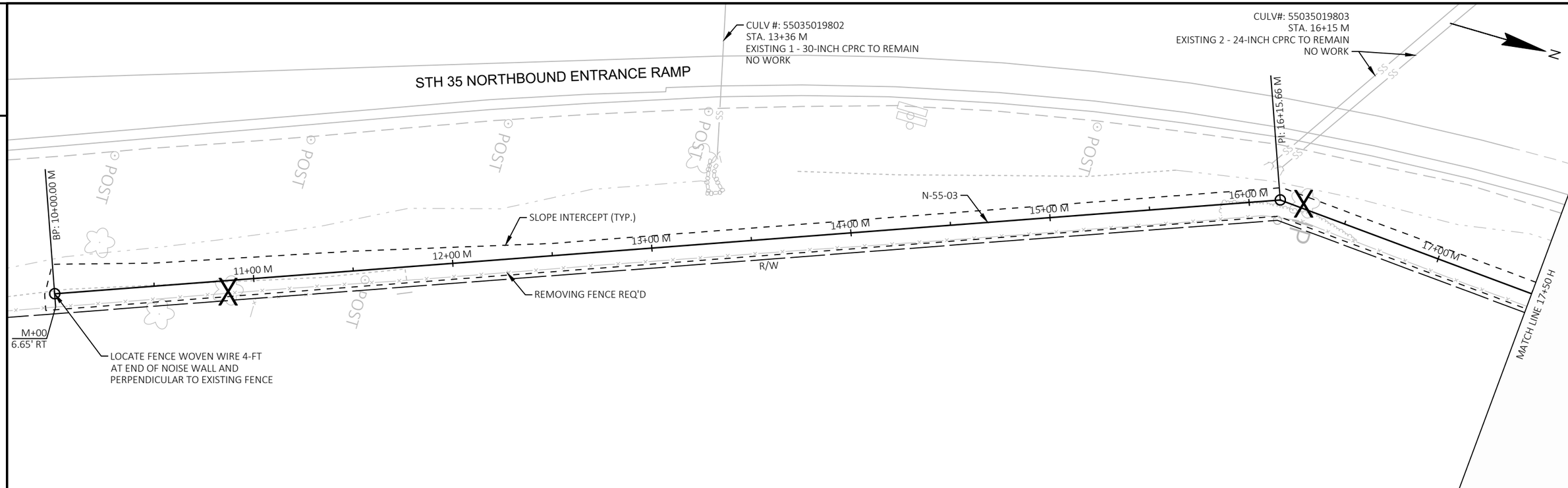
*CLEAR ALL TREES WITHIN 15 FEET OF THE WALL ALIGNMENT OR TO THE EXISTING FENCE LINE, WHICHEVER IS CLOSER.

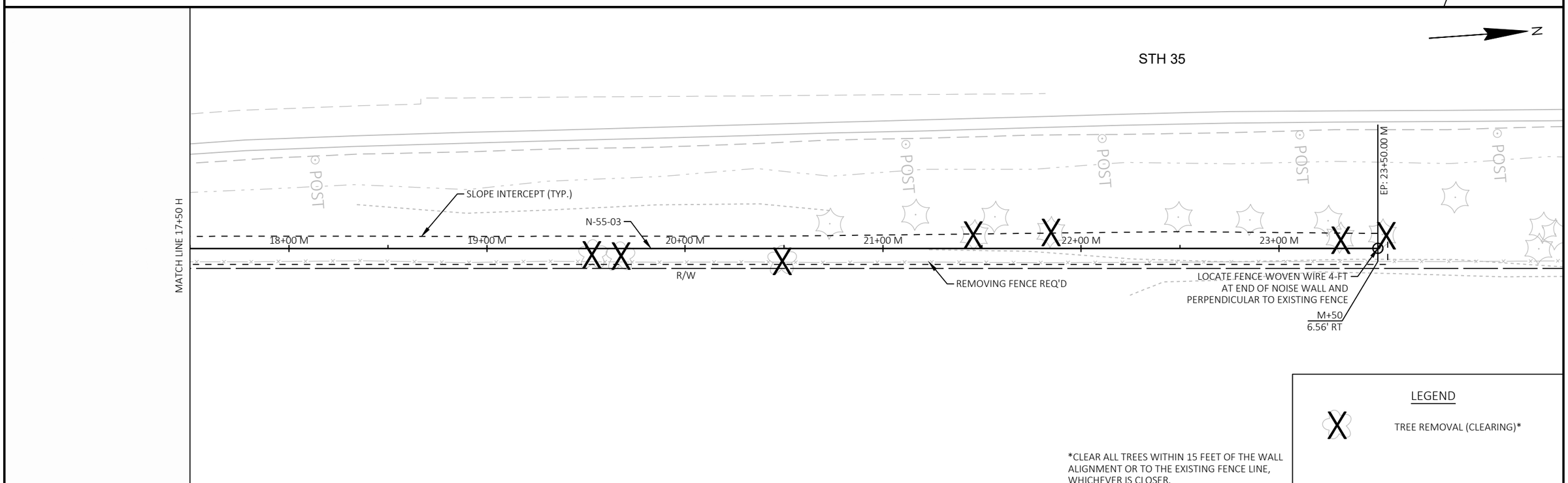
LEGEND

X TREE REMOVAL (CLEARING)*

PROJECT NO: 1020-00-85	HWY: STH 35	COUNTY: ST. CROIX	PLAN DETAILS - SITE 1	SHEET 16	E

2





LEGEND

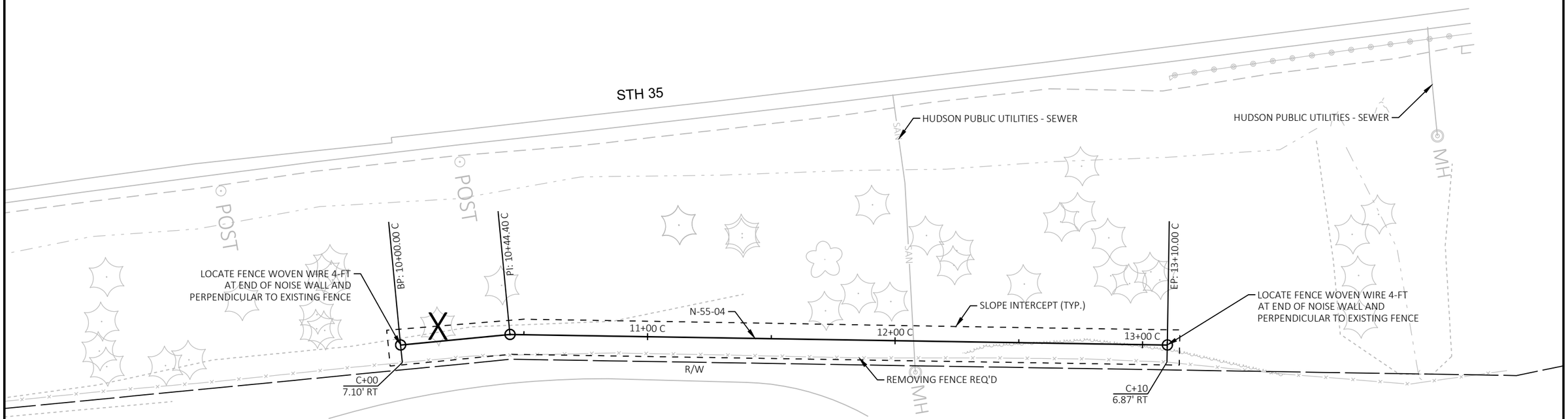
TREE REMOVAL (CLEARING)*

*CLEAR ALL TREES WITHIN 15 FEET OF THE WALL ALIGNMENT OR TO THE EXISTING FENCE LINE, WHICHEVER IS CLOSER.

PROJECT NO: 1020-00-85	HWY: STH 35	COUNTY: ST. CROIX	PLAN DETAILS - SITE 1	SHEET 17	E

2

2



LEGEND

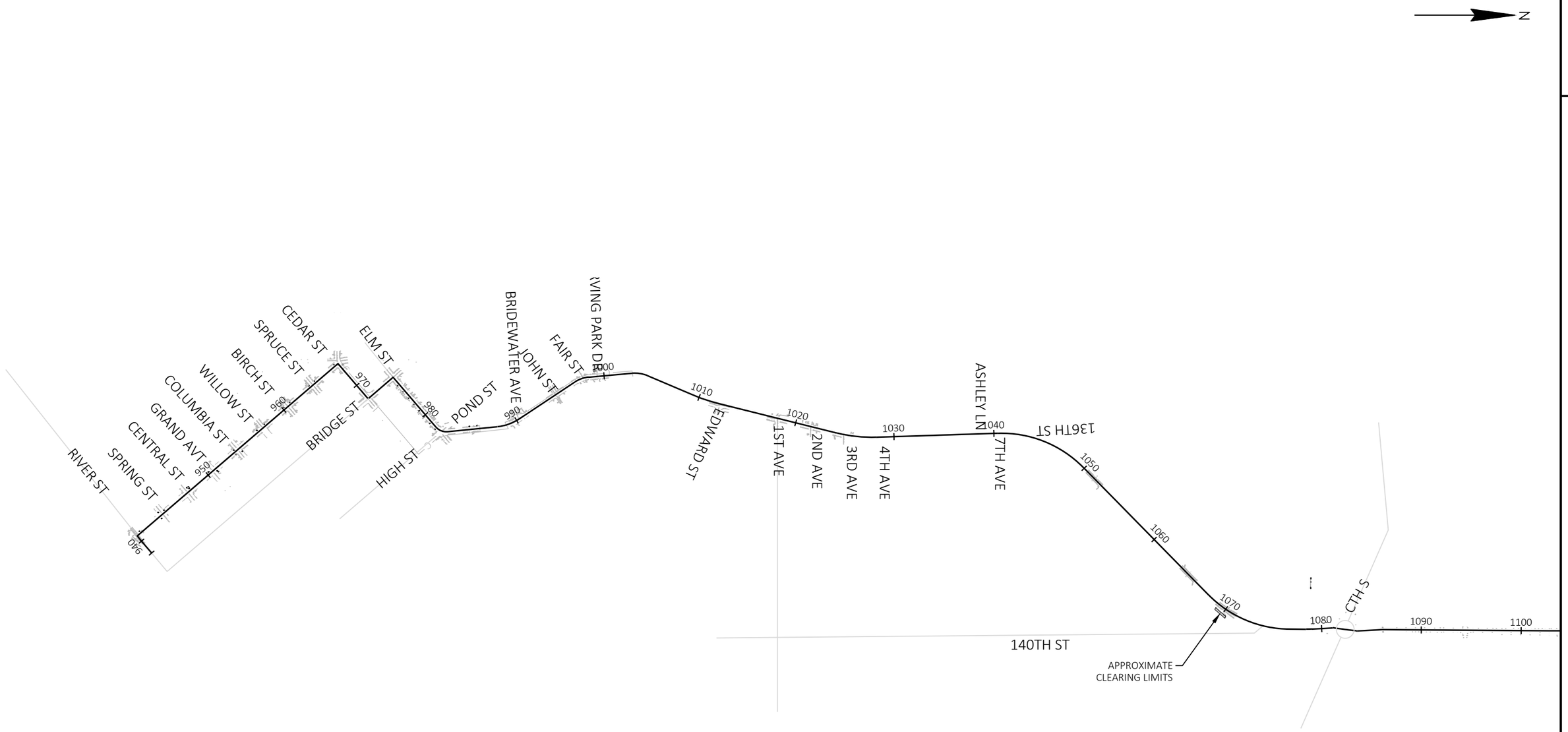
X TREE REMOVAL (CLEARING)*

*CLEAR ALL TREES WITHIN 15 FEET OF THE WALL ALIGNMENT OR TO THE EXISTING FENCE LINE, WHICHEVER IS CLOSER.

PROJECT NO: 1020-00-85	HWY: STH 35	COUNTY: ST. CROIX	PLAN DETAILS - SITE 1	SHEET 18	E

PROJECT NO: 1000-28-28	HWY: STH 35	COUNTY: ST. CROIX	ADVANCE WARNING - SITE 1	SHEET 19	E

FILE NAME : S:\MAD\2000--2099\2089\034\DRAWINGS\CAD\CIVIL 3D\SHEETS\025000-AW.DWG
LAYOUT NAME - 025000-aw
PLOT DATE : 2/22/2024 2:09 PM
PLOT BY : KOWALSKI, NICK
PLOT NAME :
PLOT SCALE : 1 IN:400 FT
WISDOT/CADDS SHEET 42



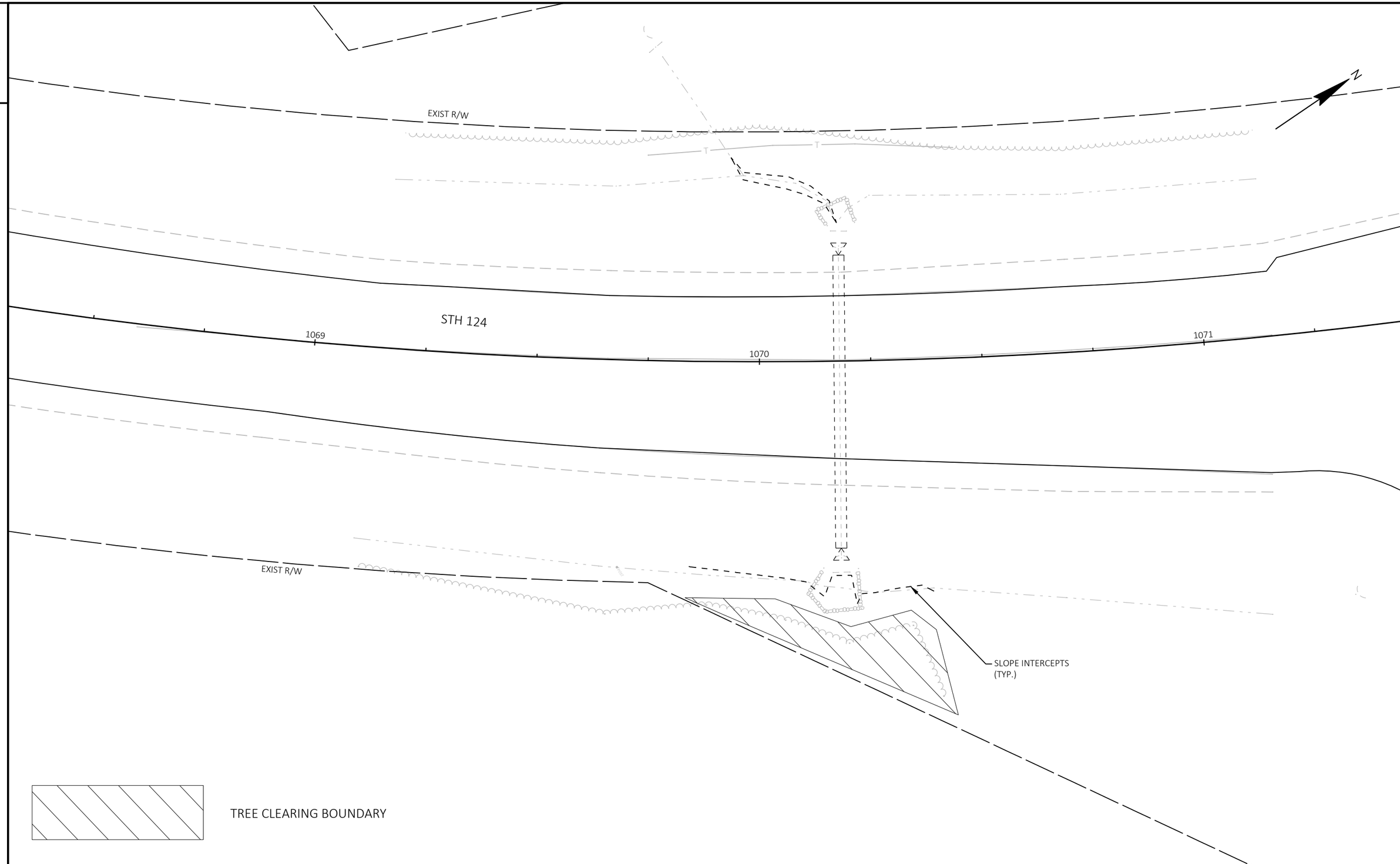
PROJECT NO: 1000-28-28	HWY: STH 124	COUNTY: CHIPPEWA	PROJECT OVERVIEW - SITE 12	SHEET 20	E

FILE NAME : C:\USERS\JOHN.DAY\AECOM\LARSON, ZACH - STH 124\910_CAD\60609476\SHEETSPLAN - ID IQ\020201-PO.DWG
LAYOUT NAME - 01
PLOT DATE : 5/29/2024 12:16 PM PLOT BY : DAY, JOHN PLOT NAME : PLOT SCALE : 1 IN:1000 FT

WISDOT/CADDS SHEET 42

2

2



PROJECT NO: 1000-28-28	HWY: STH 124	COUNTY: CHIPPEWA	PLAN DETAILS - SITE 12	SHEET 21	E

FILE NAME : C:\USERS\JOHN.DAY\AECOM\LARSON, ZACH - STH 124\910_CAD\60609476\SHEETSPLAN - ID IQ\021201-PD.DWG
LAYOUT NAME - 01
PLOT DATE : 5/29/2024 2:43 PM
PLOT BY : DAY, JOHN
PLOT NAME :
PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 42

Estimate Of Quantities

1000-28-28

Line	Item	Item Description	Unit	Total	Qty
0002	201.0105	Clearing	STA	248.000	248.000
0004	213.0100	Finishing Roadway (project) 01. 1000-28-28	EACH	1.000	1.000
0006	618.0100	Maintenance and Repair of Haul Roads (project) 01. 1000-28-28	EACH	1.000	1.000
0008	SPV.0060	Special 01. Semi-Permanent Restoration	EACH	12.000	12.000
0010	SPV.0060	Special 02. Work On Shoulder or Parking Lane	EACH	10.000	10.000
0012	SPV.0060	Special 03. Shoulder Closure On Divided Highway	EACH	1.000	1.000
0014	SPV.0060	Special 04. Lane Closure With Flagging Operations	EACH	3.000	3.000
0016	SPV.0060	Special 05. Mobilization Site	EACH	12.000	12.000

3

CATEGORY	STATION	TO	STATION	LOCATION	201.0105 CLEARING STA	REMARKS
0010			10+15 C	LT	1	SITE 1 (3 ID)
0010			14+15 H	RT	1	SITE 1 (6 ID)
0010			15+60 H	LT	1	SITE 1 (6 ID)
0010			10+87 M	RT	1	SITE 1 (4 ID)
0010	16+00 M	-	17+00 M	LT	1	SITE 1
0010	19+00 M	-	20+00 M	RT	1	SITE 1
0010			20+49 M	RT	1	SITE 1 (10 ID)
0010			21+46 M	LT	1	SITE 1 (3 ID)
0010			21+85 M	LT	1	SITE 1 (3 ID)
0010	23+00 M	-	24+00 M	LT	1	SITE 1
0010	703+80	-	704+30	RT	1	SITE 2
0010	12+00	-	13+00	RT	1	SITE 3
0010	13+00	-	15+00	LT	2	SITE 3
0010	27+00	-	28+00	RT	1	SITE 3
0010	31+33	-	32+39	LT	1	SITE 4
0010	31+61	-	32+05	RT	1	SITE 4
0010	80+80		90+80	RT	1	SITE 4
0010	208+81	-	209+34	RT	1	SITE 4
0010	236+29	-	240+53	RT	4	SITE 4
0010	241+18	-	243+06	RT	2	SITE 4
0010	9+40	-	9+80	LT	1	SITE 5
0010	9+75	-	11+00	RT	2	SITE 5
0010	8+90	-	10+20	LT & RT	2	SITE 6
0010	158+00	-	167+00	RT	9	SITE 7
0010	167+00	-	174+00	LT & RT	7	SITE 7
0010	174+00	-	181+00	RT	7	SITE 7
0010	185+00	-	189+00	RT	4	SITE 7
0010	197+00	-	202+00	RT	5	SITE 7
0010	202+00	-	211+00	RT	9	SITE 7
0010	217+00	-	226+00	RT	9	SITE 7
0010	229+00	-	231+00	LT & RT	2	SITE 7
0010	236+00	-	240+00	LT & RT	4	SITE 7
0010	243+00	-	247+00	RT	4	SITE 7
0010	251+00	-	258+00	LT & RT	7	SITE 7
0010	258+00	-	266+00	RT	8	SITE 7
0010	266+00	-	272+00	LT & RT	6	SITE 7
0010	272+00	-	284+00	RT	12	SITE 7
0010	293+00	-	299+00	LT & RT	6	SITE 7
0010	299+00	-	306+50	RT	8	SITE 7
0010	306+50	-	315+00	RT	8	SITE 7
0010	318+00	-	320+00	LT	2	SITE 7
0010	328+00	-	330+00	RT	2	SITE 7
0010	330+00	-	332+00	LT & RT	2	SITE 7
0010	332+00	-	333+50	RT	2	SITE 7
0010	359+00	-	364+00	RT	5	SITE 7
0010	366+00	-	368+50	RT	3	SITE 7
0010	379+50	-	382+00	RT	3	SITE 7
0010	382+00	-	410+00	LT & RT	28	SITE 7
0010	411+00	-	413+00	LT	2	SITE 7
0010	416+00	-	421+00	RT	5	SITE 7
0010	421+00	-	428+00	LT & RT	7	SITE 7
0010	428+00	-	432+00	LT	4	SITE 7
0010	432+00	-	437+00	RT	5	SITE 7
0010	7+25	-	9+90	RT	3	SITE 8
0010	9+75	-	10+00	LT	1	SITE 8
0010	10+35	-	12+85	LT	3	SITE 8
~CLEARING CONTINUE~						
0010	8+00	-	9+15	LT	2	SITE 9
0010	12+00	-	12+75	LT	1	SITE 9
0010	48+00	-	49+00	RT	1	SITE 10
0010	79+00	-	82+00	RT	3	SITE 10
0010	92+00	-	93+00	RT	1	SITE 10
0010	99+00	-	100+00	RT	1	SITE 10
0010	106+00	-	107+00	RT	1	SITE 10
0010	10+50	-	23+50	LT&RT	14	SITE 11
0010	1069+00	-	1071+00	RT	2	SITE 12
				TOTAL 0010	248	

3

3

CATEGORY	STATION	LOCATION	SPV.0060.01 SPECIAL (01. SEMI-PERMANENT RESTORATION) EACH	SPV.0060.05 SPECIAL (01. MOBILIZATION SITE) EACH	REMARKS
0010	PROJECT	STH 35	1	1	SITE1
0010	PROJECT	LENROOT DRIVE	1	1	SITE 2
0010	PROJECT	USH 10	1	1	SITE 3
0010	PROJECT	STH 73	1	1	SITE 4
0010	PROJECT	WHALEN ROAD	1	1	SITE 5
0010	PROJECT	SMIKRUD ROAD	1	1	SITE 6
0010	PROJECT	STH 93	1	1	SITE 7
0010	PROJECT	810TH STREET	1	1	SITE 8
0010	PROJECT	CTH G	1	1	SITE 9
0010	PROJECT	CTH OO	1	1	SITE 10
0010	PROJECT	HAMILTON AVE	1	1	SITE 11
0010	PROJECT	STH 124	1	1	SITE 12
		TOTAL 0010	12	12	

CATEGORY	STATION	LOCATION	SPV.0060.02 SPECIAL (02. WORK ON SHOULDER OR PARKING LANE UNDIVIDED ROADWAY)	REMARKS
0010	PROJECT	USH 10	1	SITE 3
0010	PROJECT	STH 73	1	SITE 4
0010	PROJECT	WHALEN ROAD	1	SITE 5
0010	PROJECT	SMIKRUD ROAD	1	SITE 6
0010	PROJECT	STH 93	1	SITE 7
0010	PROJECT	810TH STREET	1	SITE 8
0010	PROJECT	CTH G	1	SITE 9
0010	PROJECT	CTH OO	1	SITE 10
0010	PROJECT	HAMILTON AVE	1	SITE 11
0010	PROJECT	STH 124	1	SITE 12
		TOTAL 0010	10	

CATEGORY	STATION	LOCATION	SPV.0060.03 SPECIAL (03. SHOULDER CLOSURE ON DIVIDED ROADWAY)	REMARKS
0010	PROJECT	STH 35	1	SITE 1
		TOTAL 0010	1	

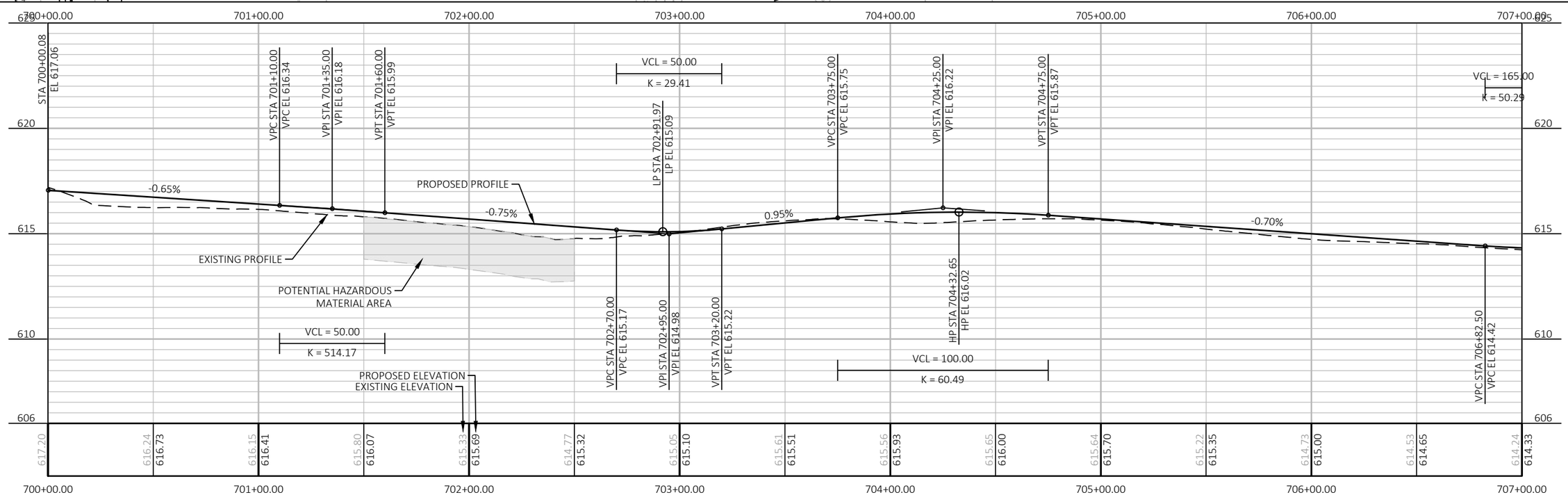
CATEGORY	STATION	LOCATION	SPV.0060.04 SPECIAL (04. LANE CLOSURE WITH FLAGGING OPERATION)	REMARKS
0010	PROJECT	LENROOT DRIVE	1	SITE 2
0010	PROJECT	STH 93	1	SITE 7
0010	PROJECT	HAMILTON AVE	1	SITE 11
		TOTAL 0010	3	

3

*ALL WORK, EXCEPT CLEARING, IS BY OTHERS AND FOR INFORMATION ONLY.

EXISTING R/W
PROPOSED R/W
TLE
PT 703+02.29
PC: 706+56.77
MATCHLINE (S-S)
CURVE 17
703+00
702+00
701+00
N46°22'08"W
704+00
N37°42'24"W
705+00
706+00
LENROOT DRIVE
STA 700+00.00 Lenroot =
STA 577+97.41 E-ST
PC: 702+47.74
EXISTING R/W
PROPOSED R/W
TLE
MATCHLINE (R-R)
E STEET
TLE
CURVE 17
PI STA = 702+75.07
Y = 127861.889
X = 594080.006
DELTA = 8°39'43" RT
D = 15°52'49"
T = 27.33'
L = 54.55'
R = 360.80'
PC STA = 702+47.74
Y = 127843.034
X = 594099.783
PT STA = 703+02.29
Y = 127883.507
X = 594063.293
DB = N46°22'08"W
DA = N37°42'24"W
S.E. = N.C.
PROPOSED R/W
TLE
STA 704+00 RT
CLEARING
REMOVE LILAC BUSHES
OTHER TREES TO REMAIN
N

5



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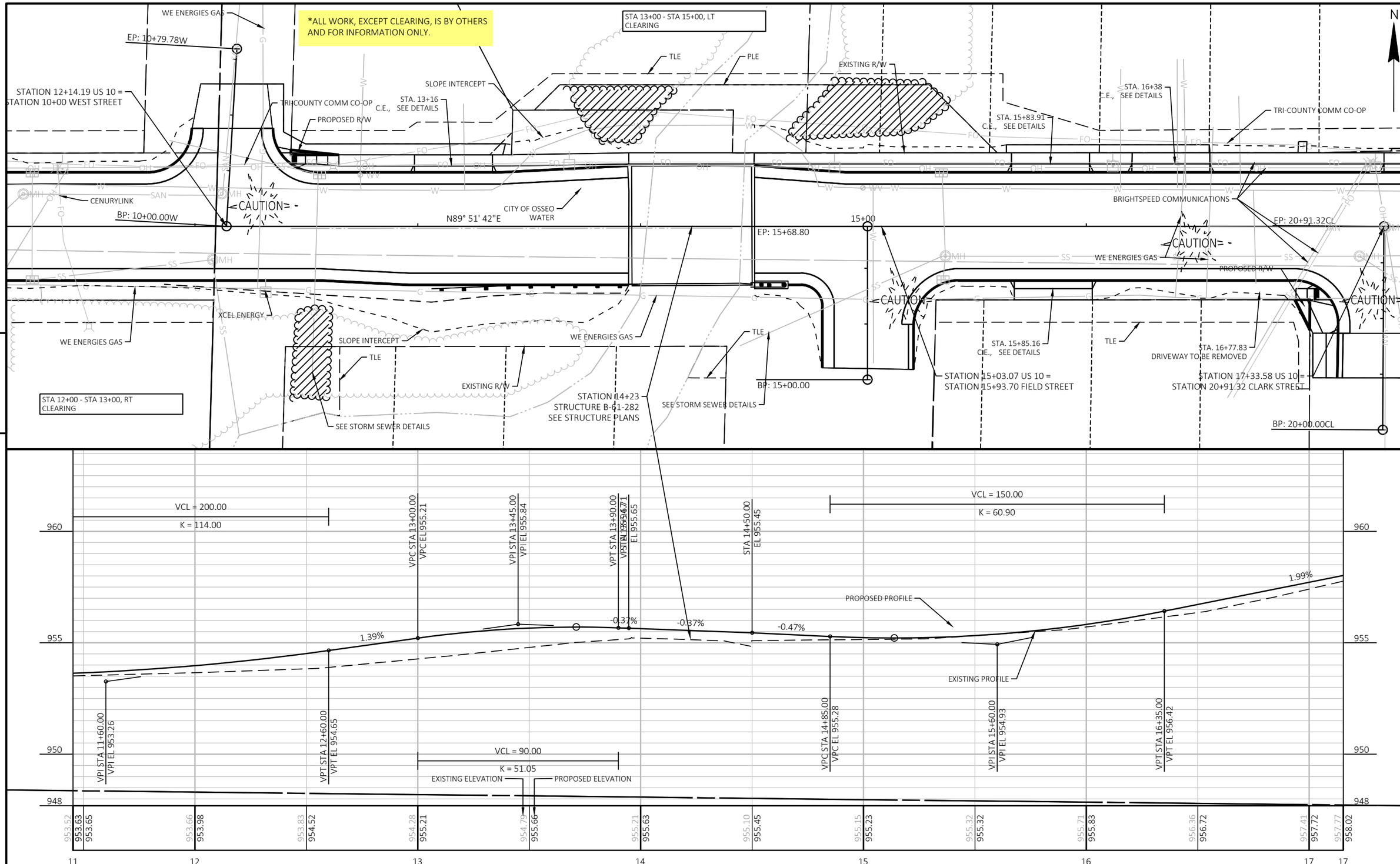
PROJECT NO: 1000-28-28	HWY: USH 53	COUNTY: DOUGLAS	PLAN AND PROFILE: LENROOT DRIVE - SITE 2	SHEET 25	E

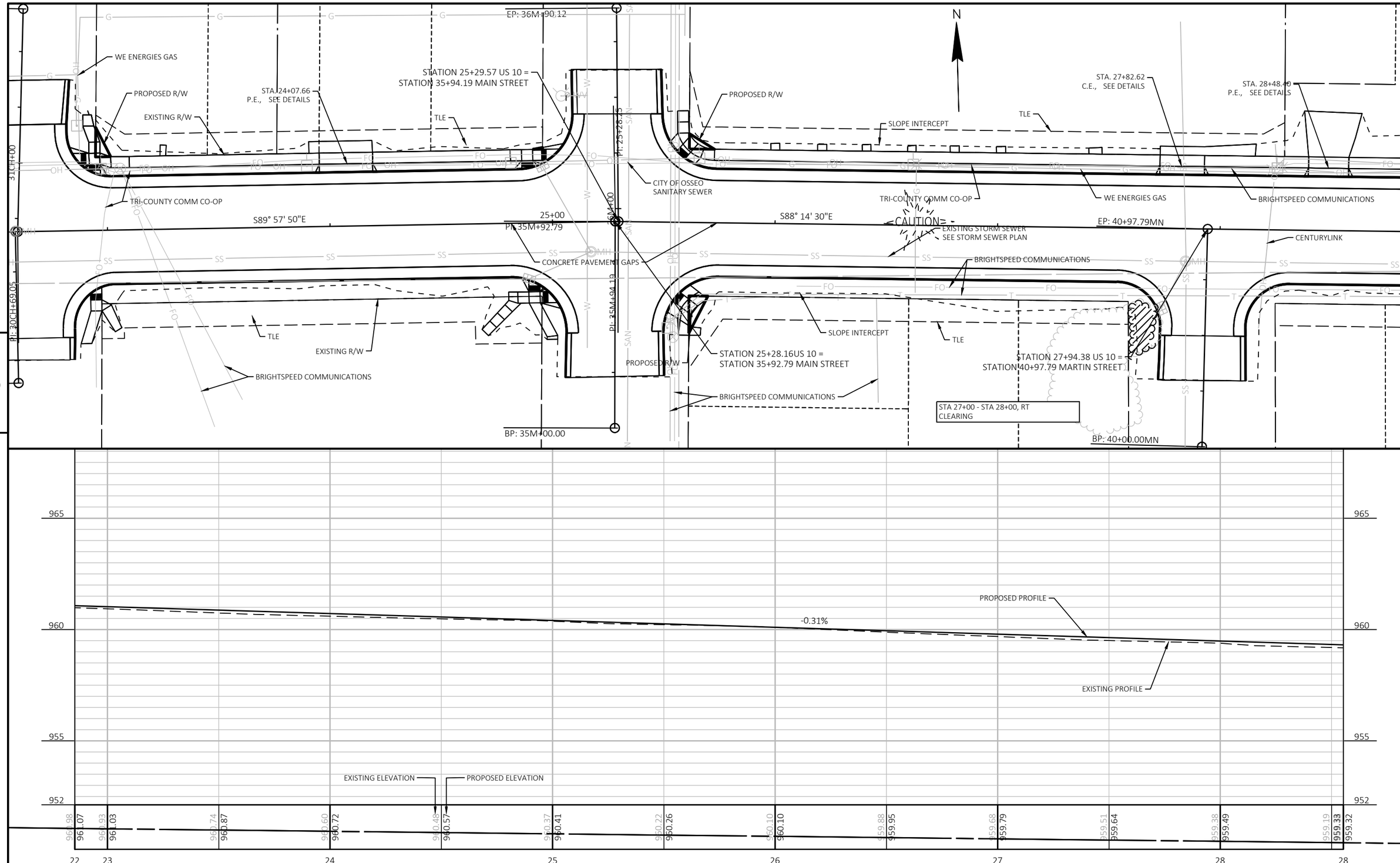
FILE NAME : N:\PDS\C3D\11980303\SHEETSPLAN\050204-PN_HSIP.DWG
LAYOUT NAME - StatewideContract
PLOT DATE : 5/6/2024 1:26 PM
PLOT BY : BUKOVITZ, CAITLIN LE
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 44



PROJECT NO: 1000-28-28	HWY: USH 10	COUNTY: TREMPEALEAU	PLAN AND PROFILE: MAINLINE - SITE 3	SHEET 26	E

FILE NAME : X:\UZ\W\WITNW\174167\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\15350703\SHEETSPLAN\SEC 05 PLAN & PROFILE\050101_PP_127+80 START.DWG
LAYOUT NAME - Sheet - (2)
PLOT DATE : 6/3/2024 2:18 PM PLOT BY : DEAN STODOLA PLOT NAME : PLOT SCALE : 1 IN:40 FT

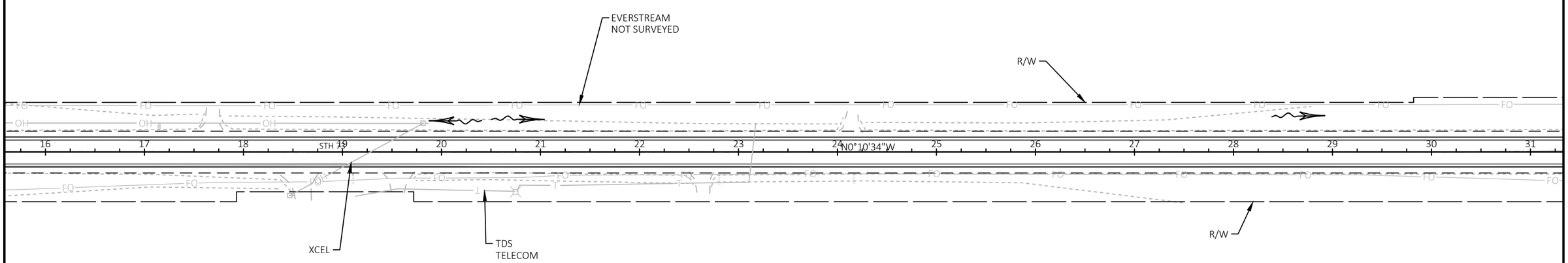
WISDOT/CADDS SHEET 44



PROJECT NO: 1000-28-28	HWY: USH 10	COUNTY: TREMPEALEAU	PLAN AND PROFILE: MAINLINE - SITE 3	SHEET 27	E

FILE NAME : X:\UZ\W\WITNW\174167\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\15350703\SHEETSPLAN\SEC 05 PLAN & PROFILE\050101_PP_127+80 START.DWG
LAYOUT NAME - Sheet - (4)
PLOT DATE : 6/3/2024 3:16 PM PLOT BY : DEAN STODOLA PLOT NAME : PLOT SCALE : 1 IN:40 FT

*ALL WORK, EXCEPT CLEARING, IS BY OTHERS AND FOR INFORMATION ONLY.



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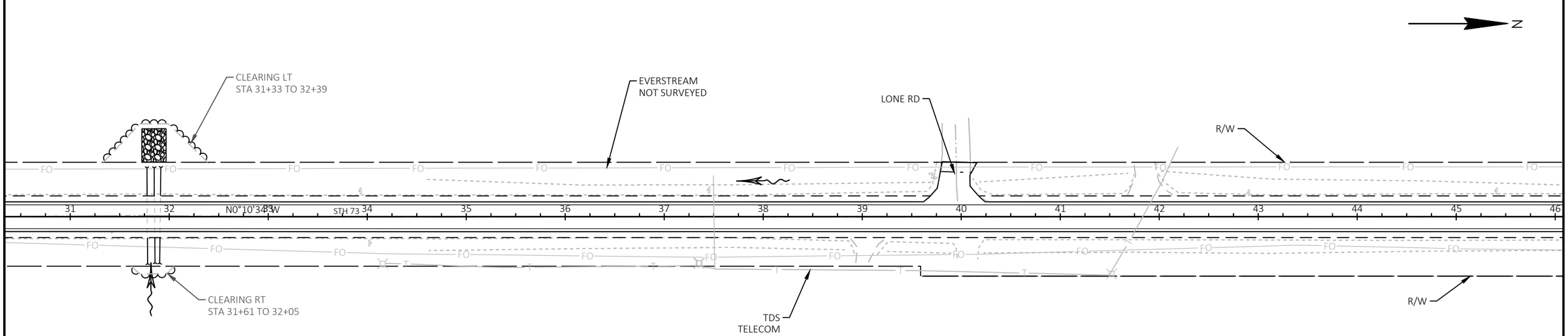
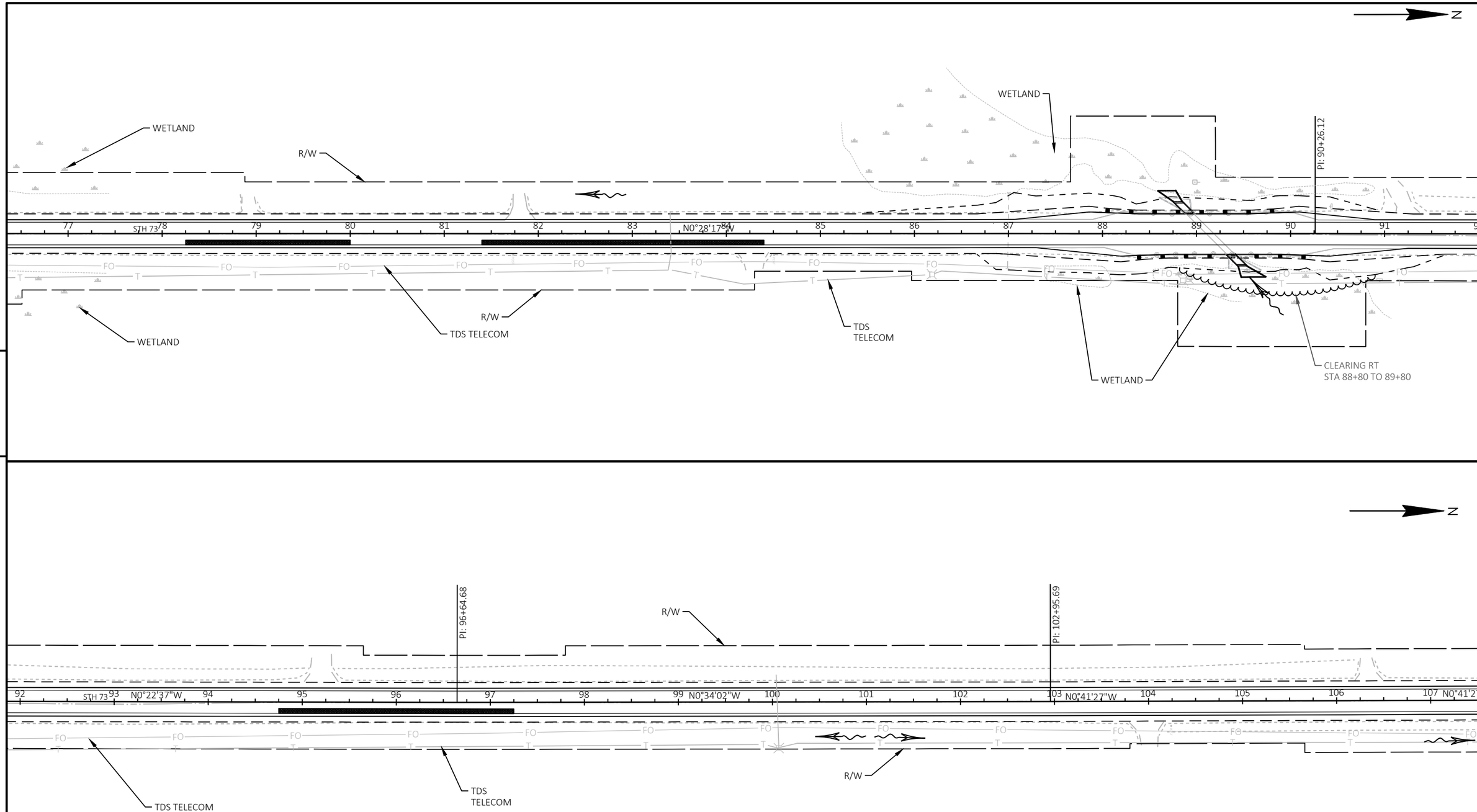


PROJECT NO: 1000-28-28	HWY: STH 73	COUNTY: CLARK	PLAN DETAILS - SITE 4	SHEET 28	E



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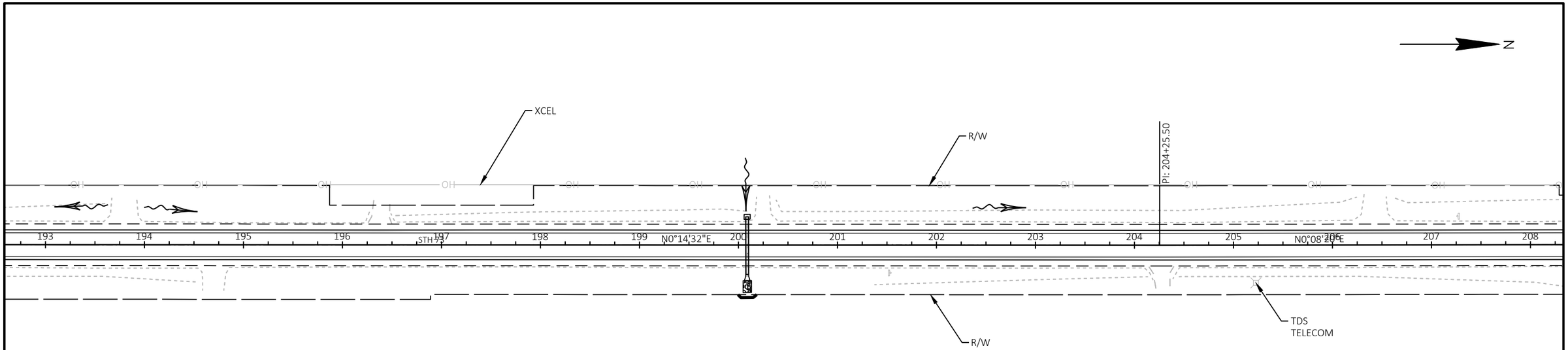
PROJECT NO: 1000-28-28	HWY: STH 73	COUNTY: CLARK	PLAN DETAILS - SITE 4	SHEET 29	E

FILE NAME : C:\C3D\70500002\SHEETSPLAN\021201-PD-IDIQ-TREECLEARING.DWG
LAYOUT NAME - 5_c1092
PLOT DATE : 5/9/2024 1:10 PM
PLOT BY : THAO, KOU
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44



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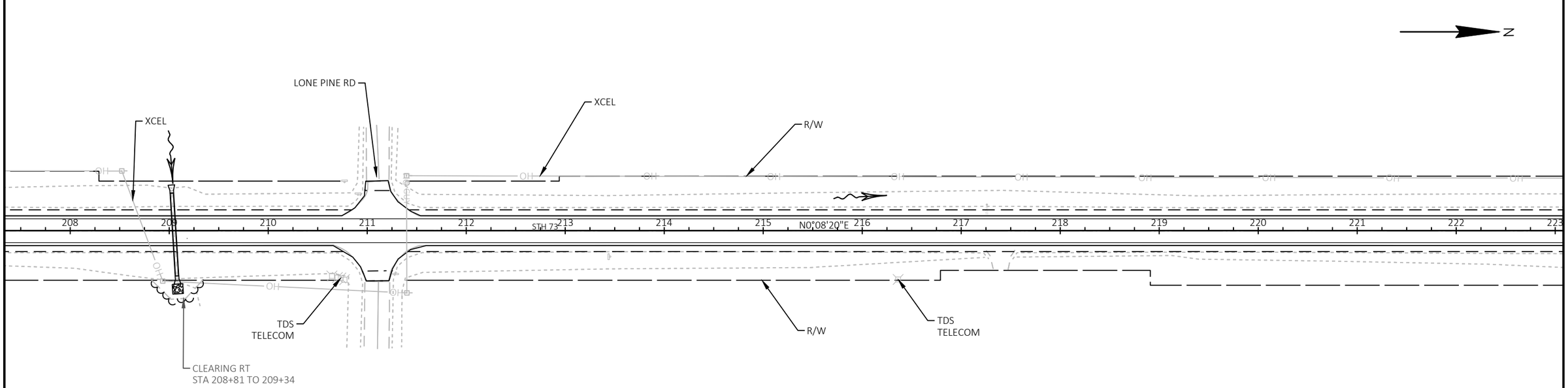
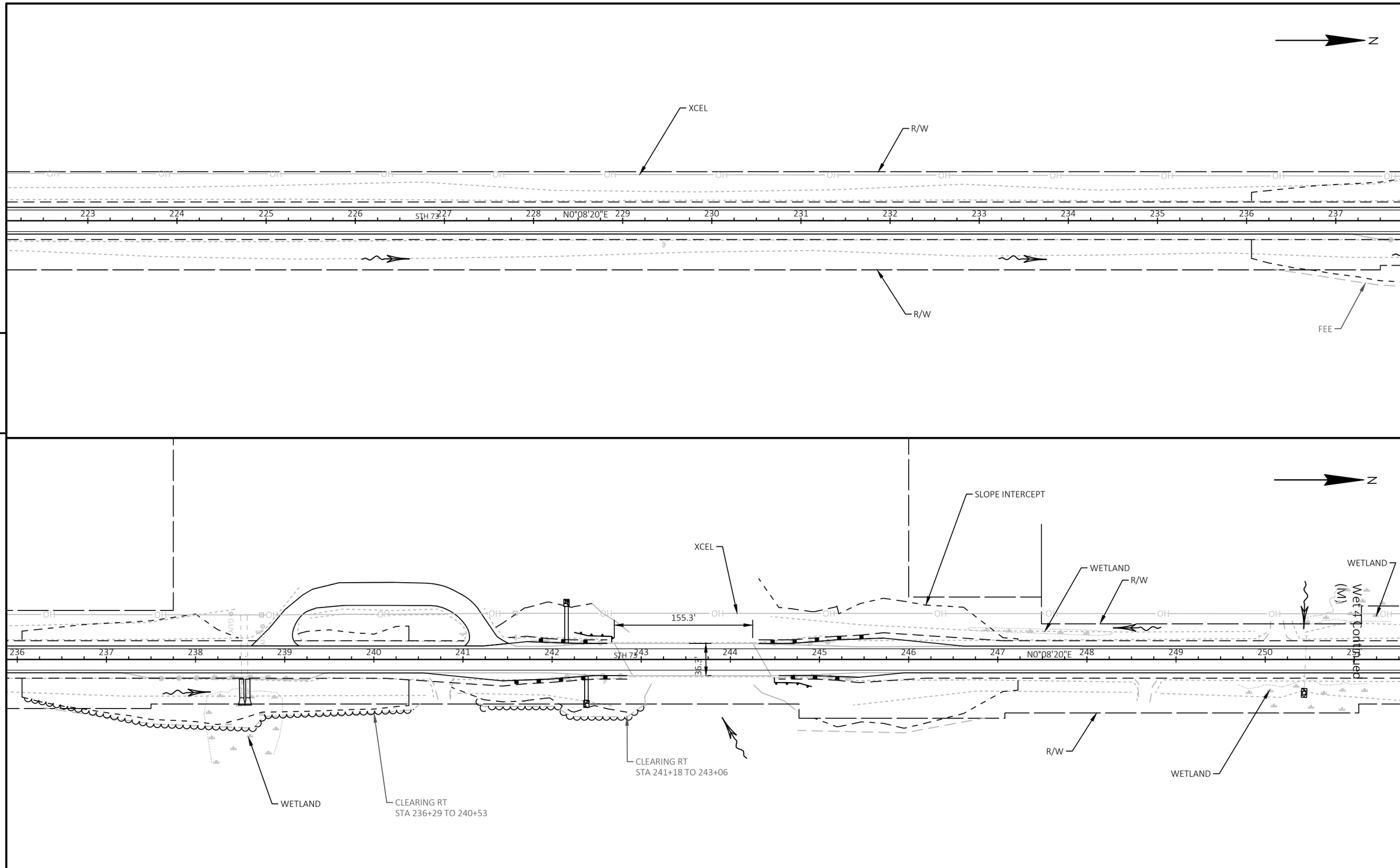


PROJECT NO: 1000-28-28	HWY: STH 73	COUNTY: CLARK	PLAN DETAILS - SITE 4	SHEET 30	E

FILE NAME : C:\C3D\70500002\SHEETSPLAN\021201-PD-IDIQ-TREECLEARING.DWG
LAYOUT NAME - 9
PLOT DATE : 5/9/2024 1:11 PM
PLOT BY : THAO, KOU
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

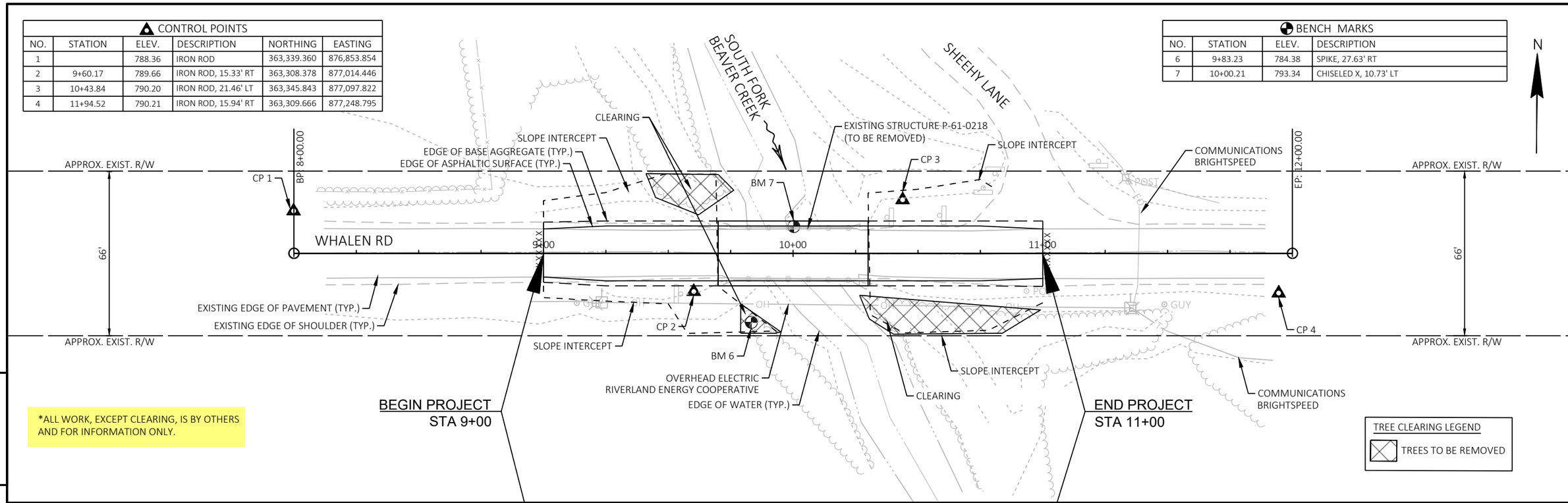


PROJECT NO: 1000-28-28	HWY: STH 73	COUNTY: CLARK	PLAN DETAILS - SITE 4	SHEET 31	E

FILE NAME : C:\C3D\70500002\SHEETSPLAN\021201-PD-IDIQ-TREECLEARING.DWG
LAYOUT NAME - 10_b72
PLOT DATE : 5/9/2024 1:11 PM
PLOT BY : THAO, KOU
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

CONTROL POINTS					
NO.	STATION	ELEV.	DESCRIPTION	NORTHING	EASTING
1		788.36	IRON ROD	363,339.360	876,853.854
2	9+60.17	789.66	IRON ROD, 15.33' RT	363,308.378	877,014.446
3	10+43.84	790.20	IRON ROD, 21.46' LT	363,345.843	877,097.822
4	11+94.52	790.21	IRON ROD, 15.94' RT	363,309.666	877,248.795

BENCH MARKS			
NO.	STATION	ELEV.	DESCRIPTION
6	9+83.23	784.38	SPIKE, 27.63' RT
7	10+00.21	793.34	CHISELED X, 10.73' LT



*ALL WORK, EXCEPT CLEARING, IS BY OTHERS AND FOR INFORMATION ONLY.

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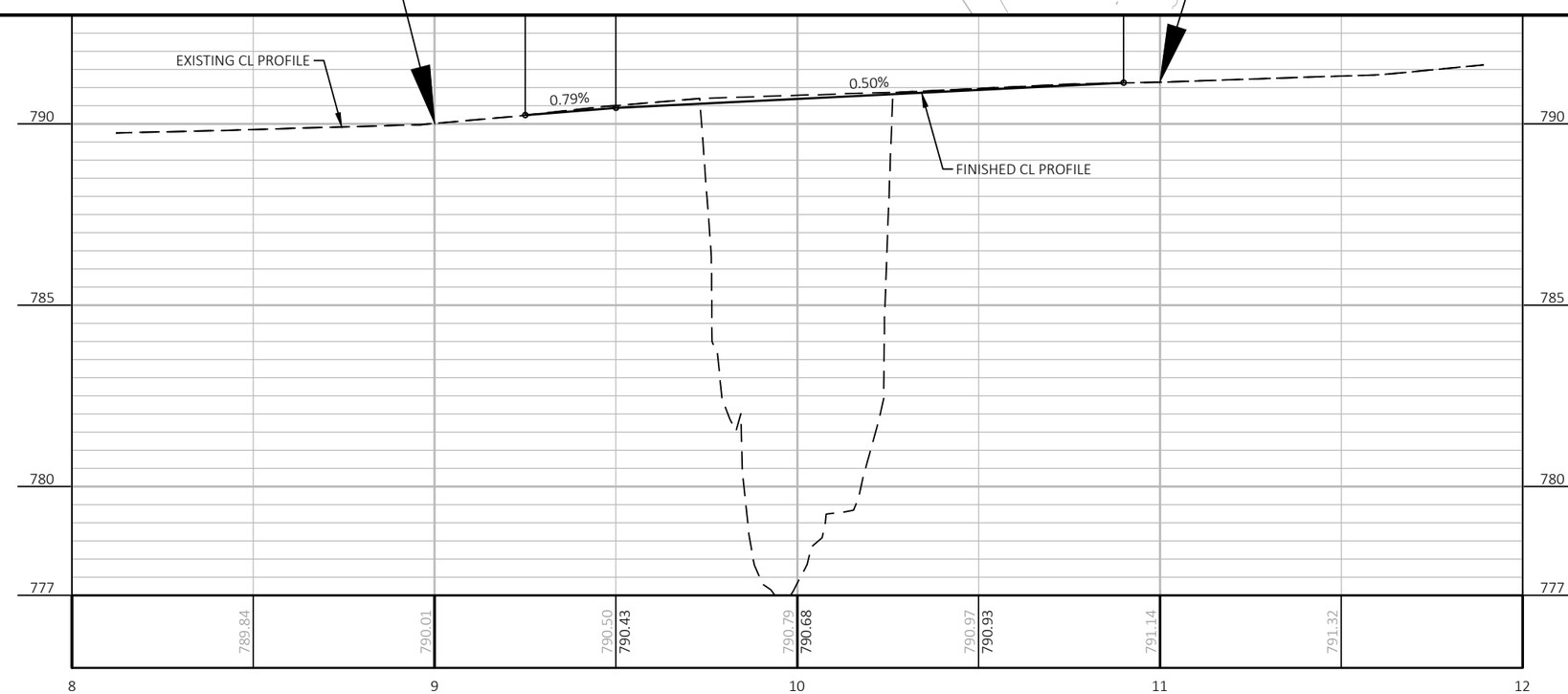
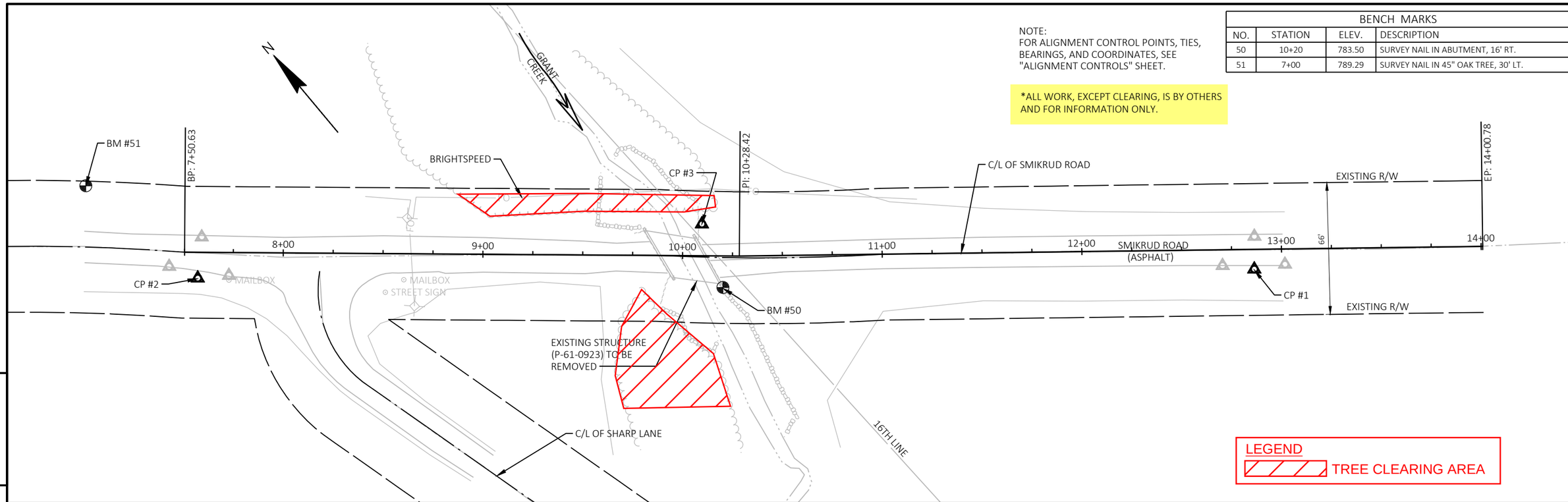


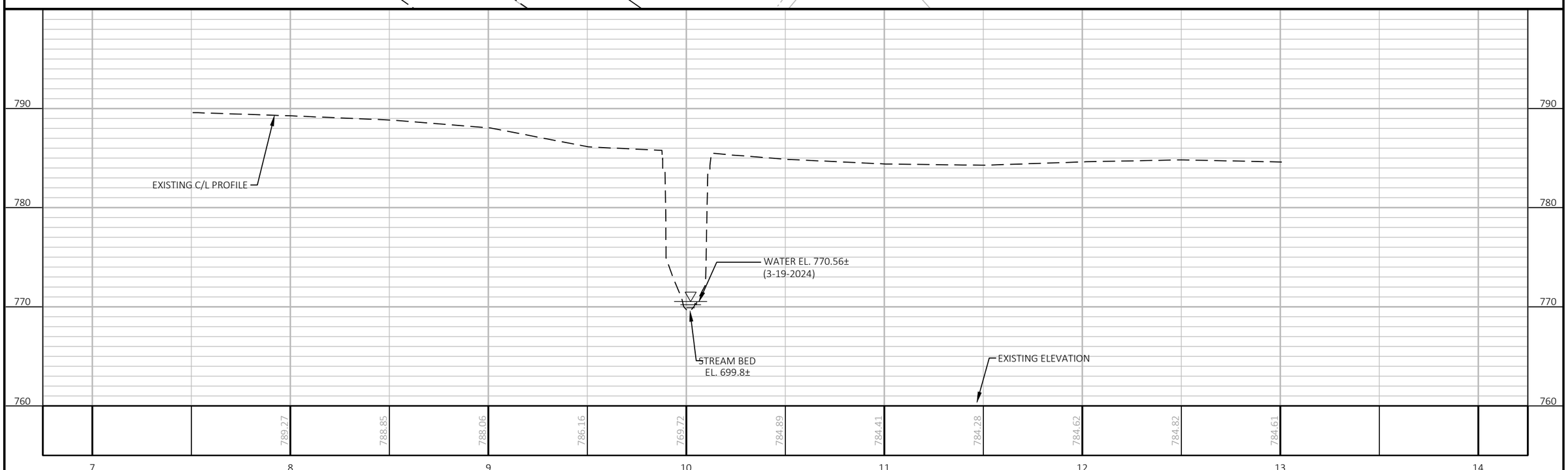
PROJECT NO: 1000-28-28	HWY: LOCAL STREET	COUNTY: TREMPEALEAU	PLAN AND PROFILE: WHALEN ROAD - SITE 5	SHEET 32	E

NOTE:
FOR ALIGNMENT CONTROL POINTS, TIES, BEARINGS, AND COORDINATES, SEE "ALIGNMENT CONTROLS" SHEET.

*ALL WORK, EXCEPT CLEARING, IS BY OTHERS AND FOR INFORMATION ONLY.

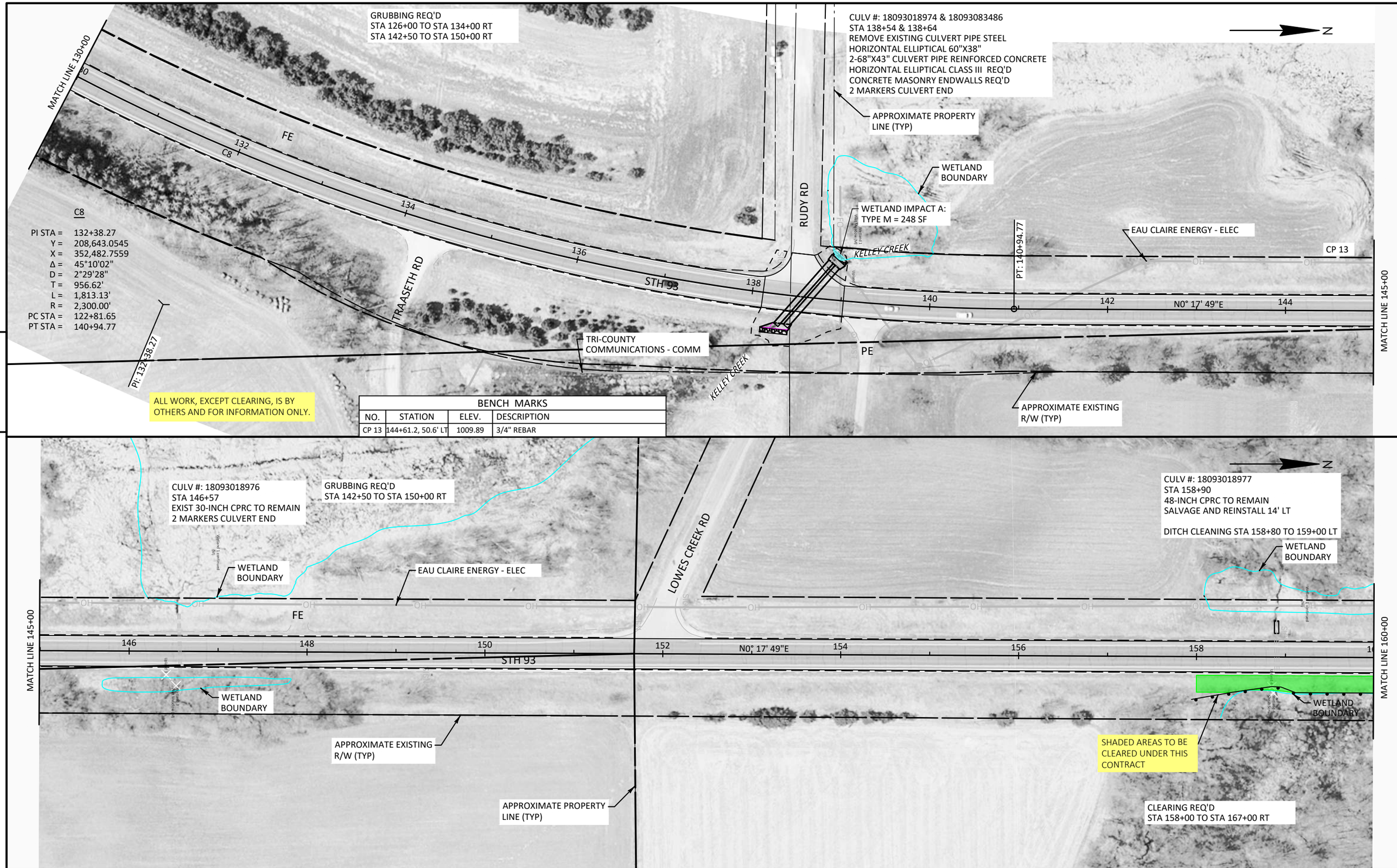
BENCH MARKS			
NO.	STATION	ELEV.	DESCRIPTION
50	10+20	783.50	SURVEY NAIL IN ABUTMENT, 16' RT.
51	7+00	789.29	SURVEY NAIL IN 45" OAK TREE, 30' LT.





PROJECT NO: 1000-28-28	HWY: SMIKRUD ROAD	COUNTY: TREMPEALEAU	PLAN AND PROFILE: SITE 6	SHEET 33	E

FILE NAME : I:\42\42-1423.00 - TREMPEALEAU CO, TN GALE, SMIKRUD ROAD\C3D\SHEETS\050101-PP.DWG
LAYOUT NAME - PP
PLOT DATE : 5/1/2024 5:09 PM
PLOT BY : PEDERSON, CARMEN
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 44



C8

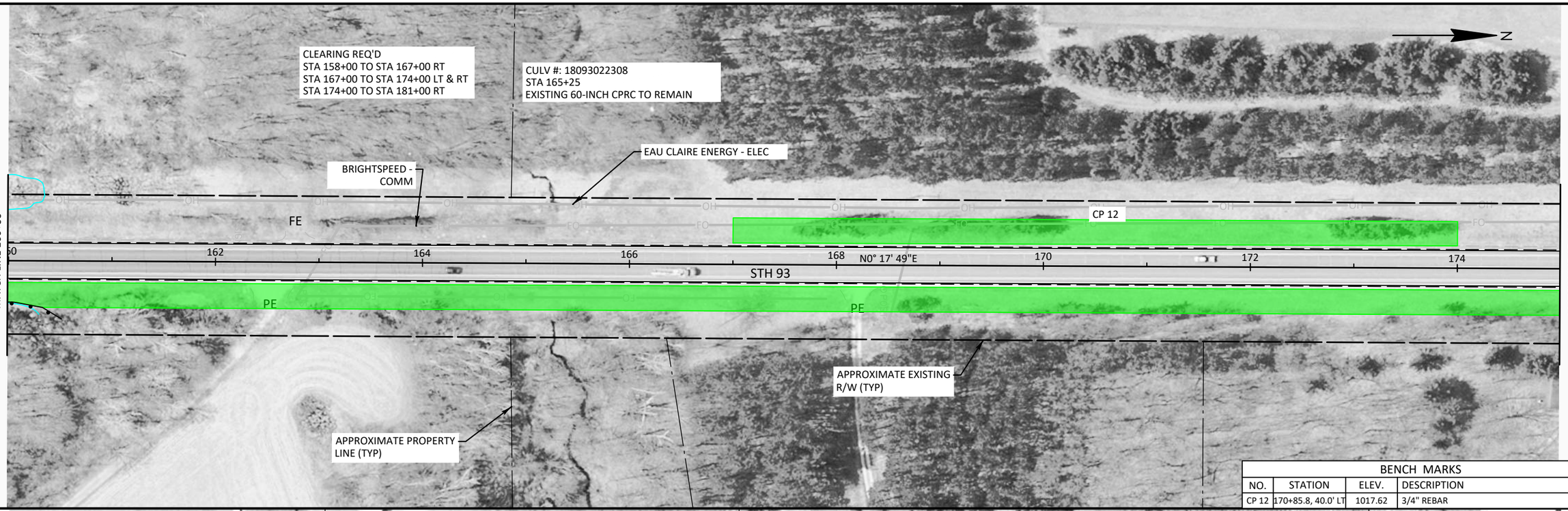
PI STA =	132+38.27
Y =	208,643.0545
X =	352,482.7559
Δ =	45°10'02"
D =	2°29'28"
T =	956.62'
L =	1,813.13'
R =	2,300.00'
PC STA =	122+81.65
PT STA =	140+94.77

ALL WORK, EXCEPT CLEARING, IS BY OTHERS AND FOR INFORMATION ONLY.

BENCH MARKS

NO.	STATION	ELEV.	DESCRIPTION
CP 13	144+61.2, 50.6' LT	1009.89	3/4" REBAR

PROJECT NO: 1000-28-28	HWY: STH 93	COUNTY: EAU CLAIRE	PLAN: STH 93 - SITE 7	SHEET 34	E



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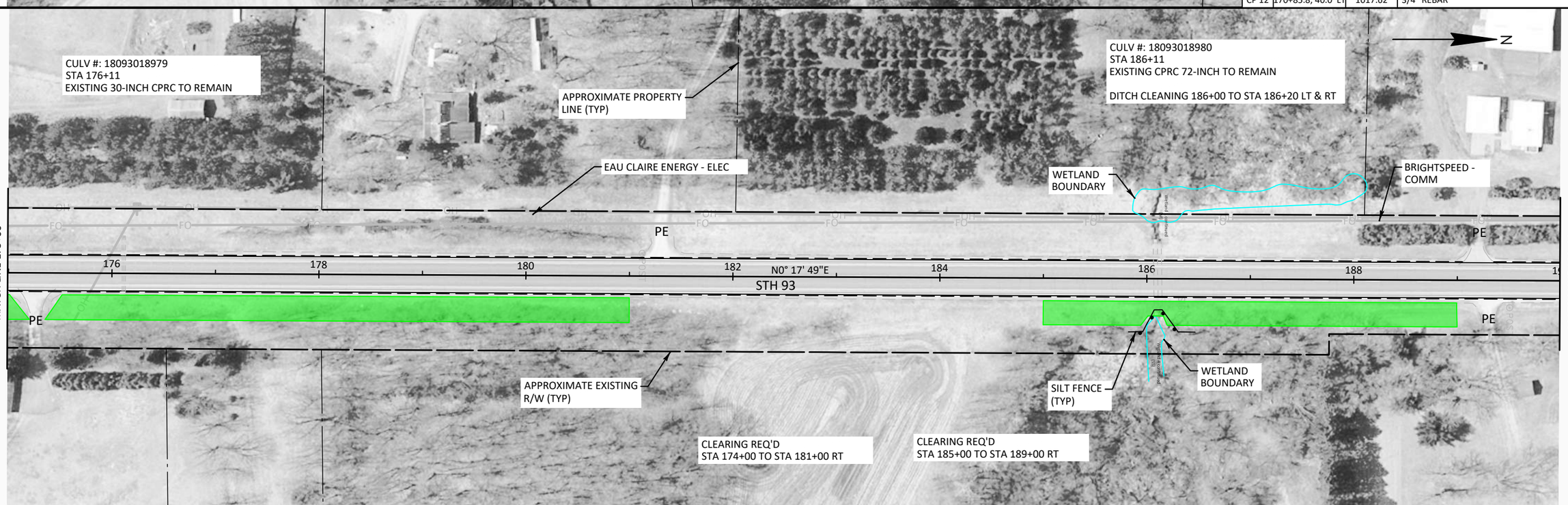
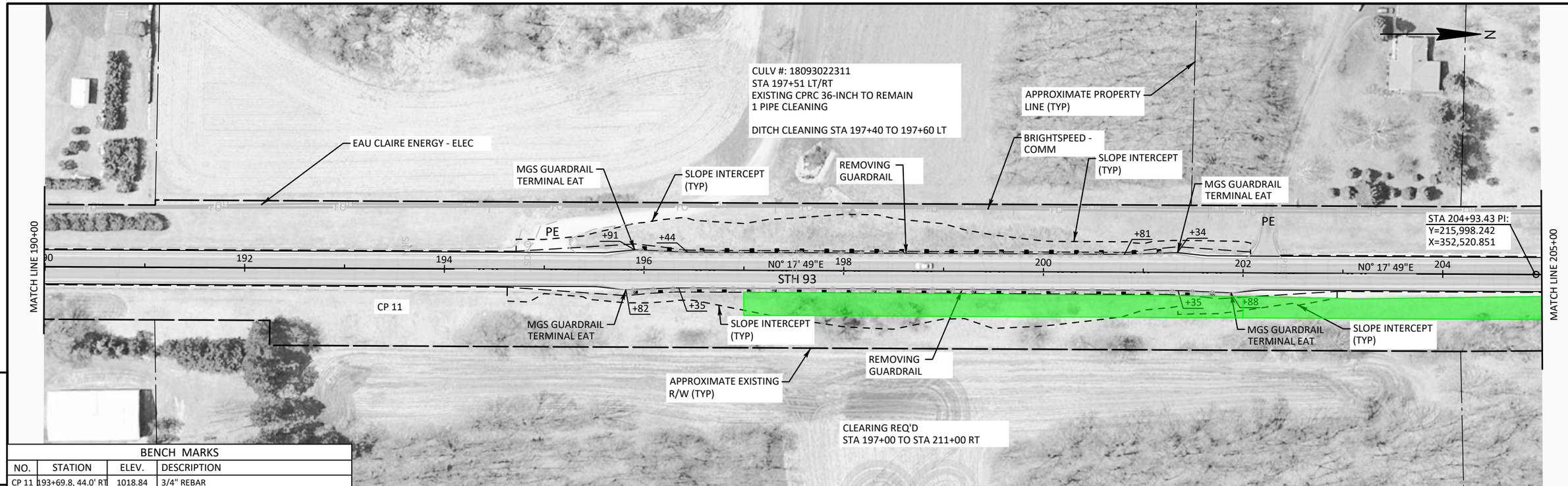
BENCH MARKS			
NO.	STATION	ELEV.	DESCRIPTION
CP 12	170+85.8, 40.0' LT	1017.62	3/4" REBAR



PROJECT NO: 1000-28-28	HWY: STH 93	COUNTY: EAU CLAIRE	PLAN: STH 93 - SITE 7	SHEET 35	E

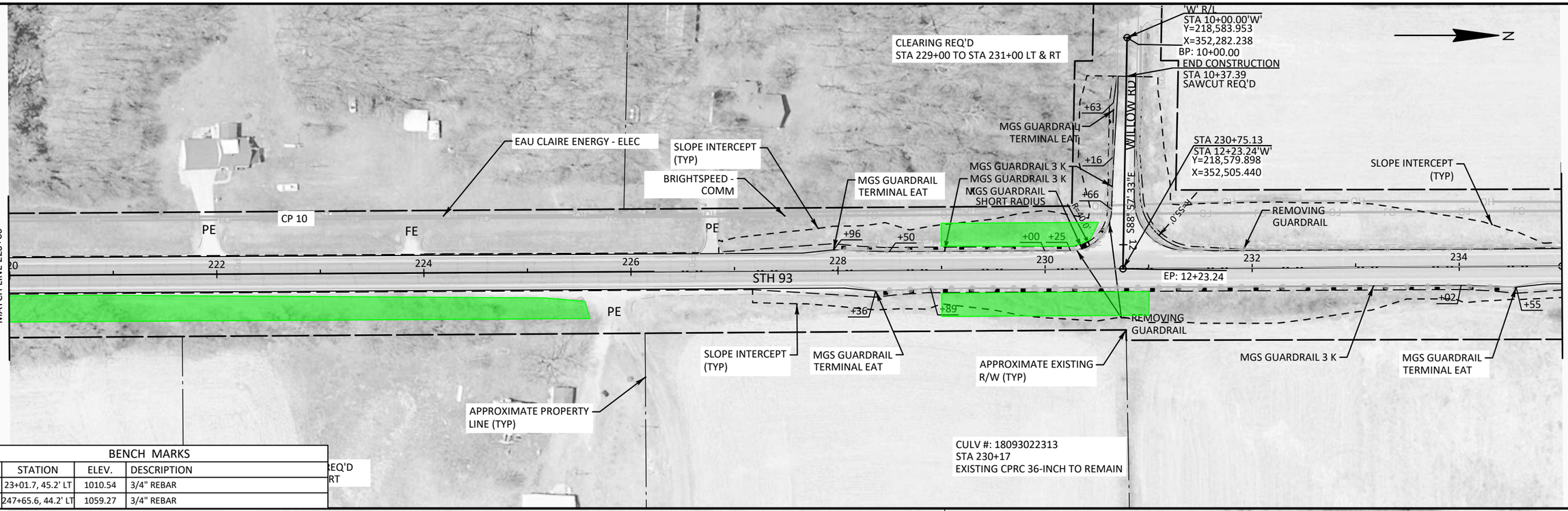


BENCH MARKS			
NO.	STATION	ELEV.	DESCRIPTION
CP 11	193+69.8, 44.0' RT	1018.84	3/4" REBAR

PROJECT NO: 1000-28-28	HWY: STH 93	COUNTY: EAU CLAIRE	PLAN: STH 93 - SITE 7	SHEET 36	E

FILE NAME : X:\UZ\W\WITNW\167471\5-final-dsgn\50-final-dsgn\40-TransHwy\C3D2022\SheetsPlan\SEC 05 Plan & Profile\050200_pn (Tree Clearing STH 93).dwg PLOT DATE : 5/9/2024 11:44 AM PLOT BY : SEH LAYOUT NAME : 07 PLOT SCALE : 1.0 IN = 100.0 FT

WISDOT/CADDS SHEET 44



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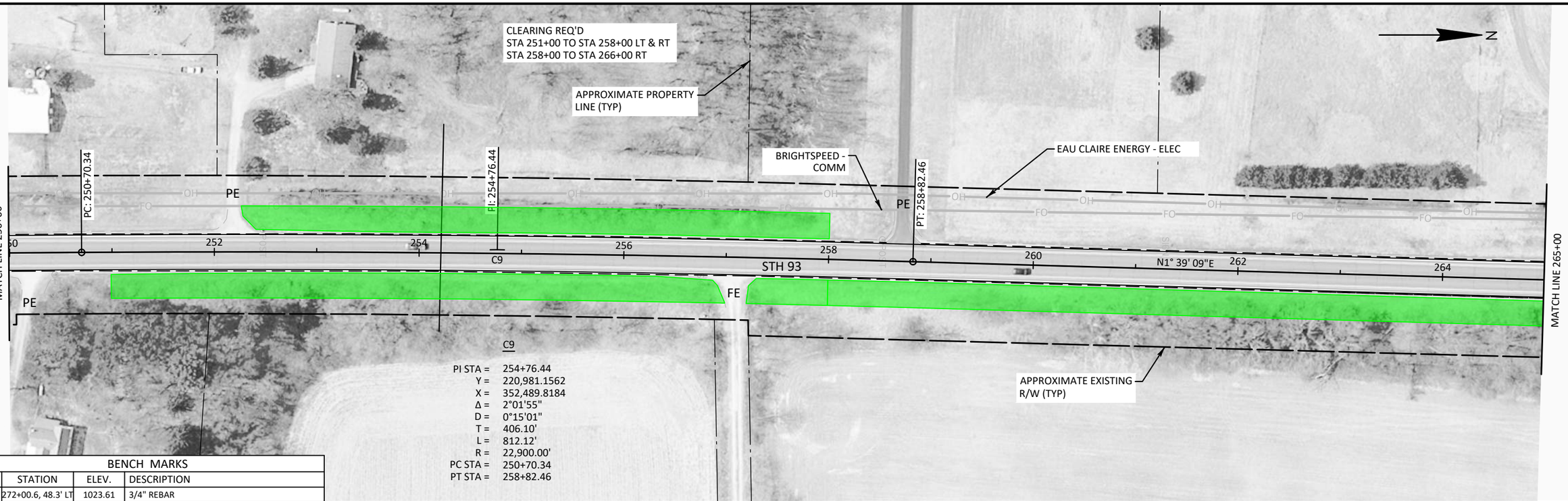
BENCH MARKS			
NO.	STATION	ELEV.	DESCRIPTION
CP 10	23+01.7, 45.2' LT	1010.54	3/4" REBAR
CP 9	247+65.6, 44.2' LT	1059.27	3/4" REBAR

PROJECT NO: 1000-28-28	HWY: STH 93	COUNTY: EAU CLAIRE	PLAN: STH 93 - SITE 7	SHEET 37	E



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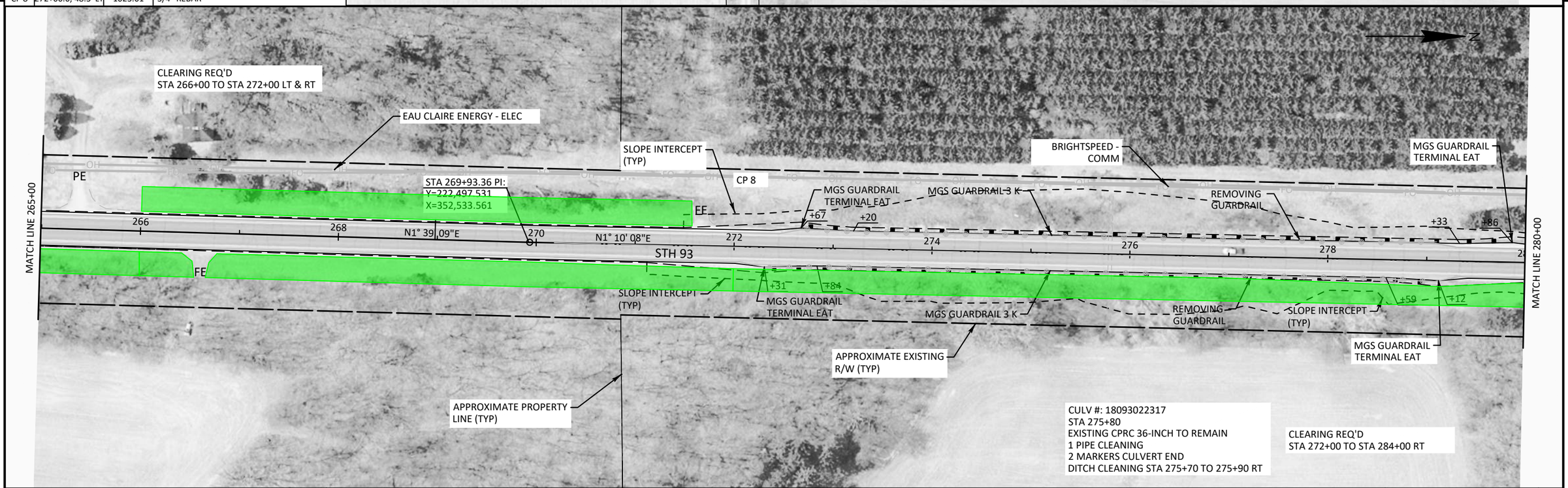
C9

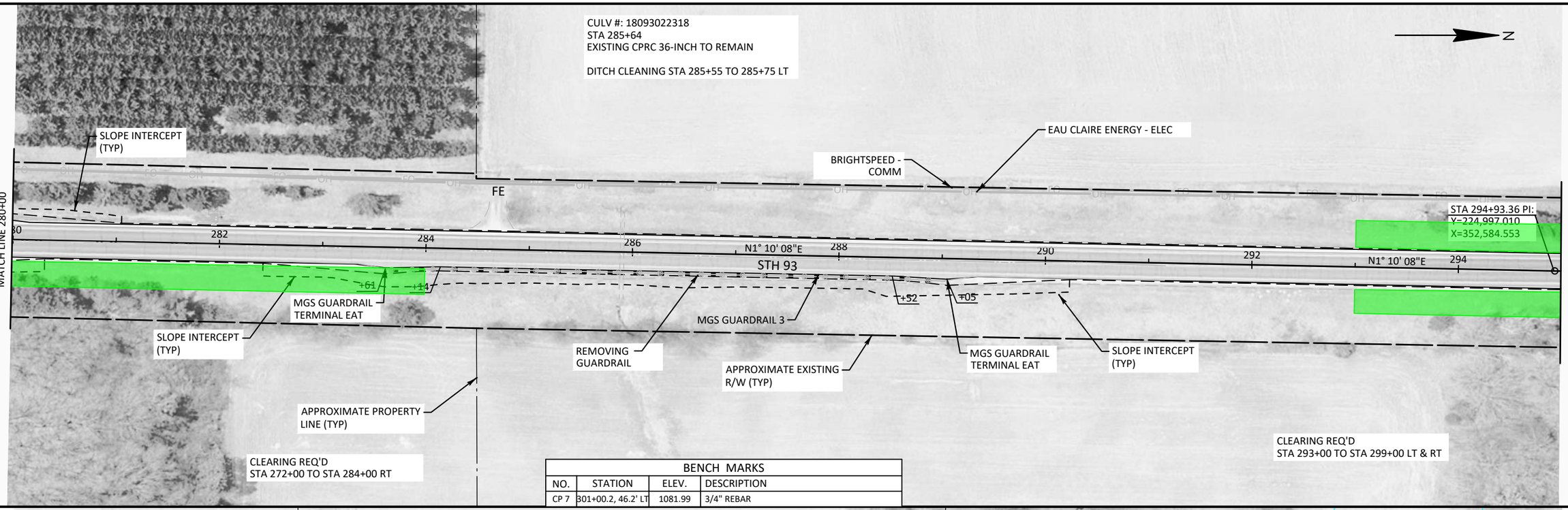
PI STA = 254+76.44
Y = 220,981.1562
X = 352,489.8184
Δ = 2°01'55"
D = 0°15'01"
T = 406.10'
L = 812.12'
R = 22,900.00'
PC STA = 250+70.34
PT STA = 258+82.46

BENCH MARKS

NO.	STATION	ELEV.	DESCRIPTION
CP 8	272+00.6, 48.3' LT	1023.61	3/4" REBAR



PROJECT NO: 1000-28-28	HWY: STH 93	COUNTY: EAU CLAIRE	PLAN: STH 93 - SITE 7	SHEET 38	E



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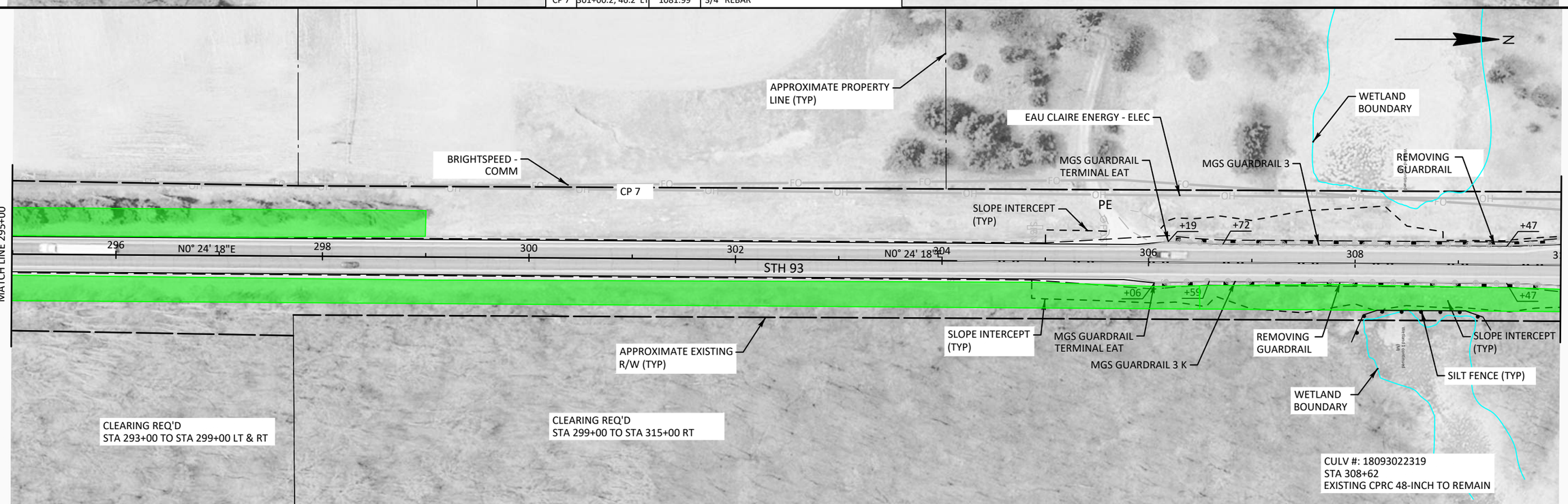
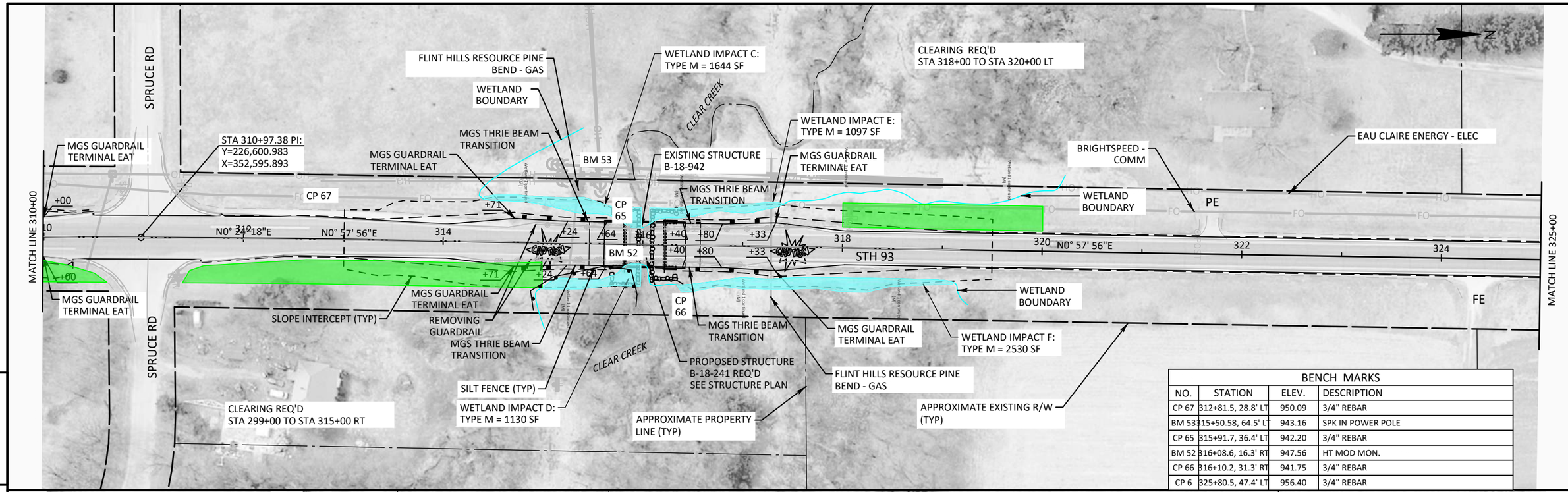
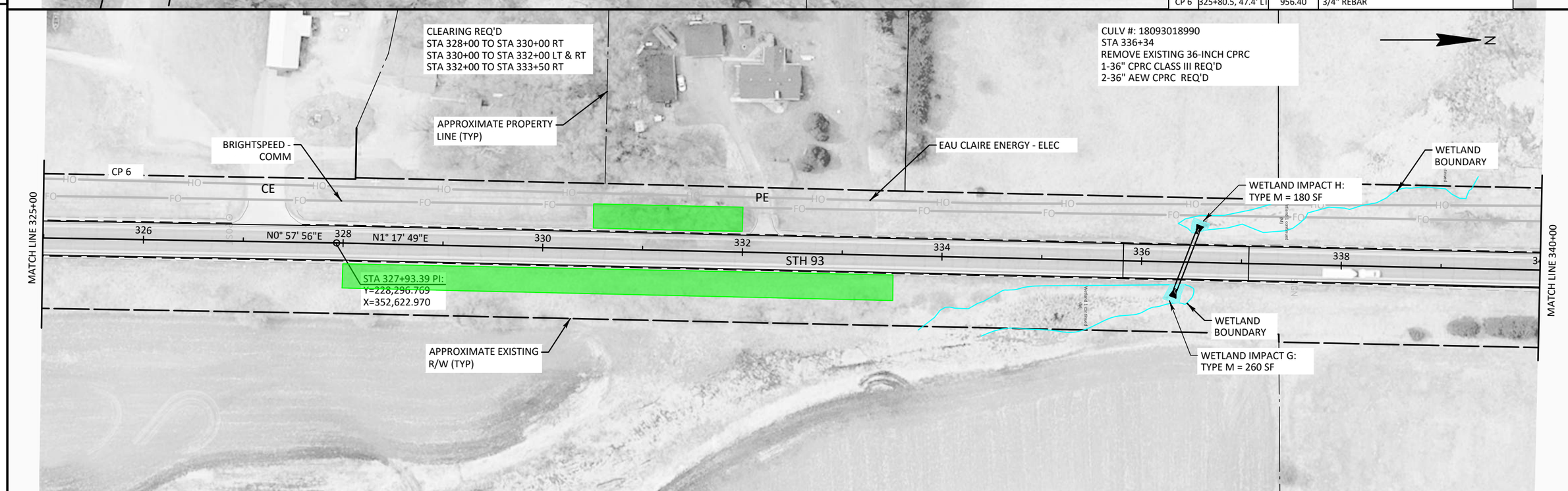
BENCH MARKS			
NO.	STATION	ELEV.	DESCRIPTION
CP 7	301+00.2, 46.2' LT	1081.99	3/4" REBAR



PROJECT NO: 1000-28-28	HWY: STH 93	COUNTY: EAU CLAIRE	PLAN: STH 93 - SITE 7	SHEET 39	E



BENCH MARKS			
NO.	STATION	ELEV.	DESCRIPTION
CP 67	312+81.5, 28.8' LT	950.09	3/4" REBAR
BM 53	315+50.58, 64.5' LT	943.16	SPK IN POWER POLE
CP 65	315+91.7, 36.4' LT	942.20	3/4" REBAR
BM 52	316+08.6, 16.3' RT	947.56	HT MOD MON.
CP 66	316+10.2, 31.3' RT	941.75	3/4" REBAR
CP 6	325+80.5, 47.4' LT	956.40	3/4" REBAR



PROJECT NO: 1000-28-28	HWY: STH 93	COUNTY: EAU CLAIRE	PLAN: STH 93 - SITE 7	SHEET 40	E

FILE NAME : X:\UZ\W\WITNW\167471\5-final-dsgn\50-final-dsgn\40-TransHwy\C3D2022\SheetsPlan\SEC 05 Plan & Profile\050200_pn (Tree Clearing STH 93).dwg PLOT DATE : 5/9/2024 11:45 AM PLOT BY : SEH LAYOUT NAME : 11 PLOT SCALE : 1.0 IN = 100.0 FT

WISDOT/CADDS SHEET 44

5

CULV #: 18093022321
STA 348+41
REMOVE EXISTING 48-INCH CPRC
1-48" CPRC CLASS III REQ'D
2-48" AEW CPRC REQ'D

WETLAND IMPACT I:
TYPE M = 112 SF

WETLAND BOUNDARY

EAU CLAIRE ENERGY - ELEC

BRIGHTSPEED - COMM

CP 5

MATCH LINE 340+00

MATCH LINE 355+00

FE

FE

340 342 344 346 348 350 352 354

N1° 17' 49"E

STH 93

WETLAND BOUNDARY

WETLAND IMPACT J:
TYPE M = 112 SF

APPROXIMATE EXISTING R/W (TYP)

APPROXIMATE PROPERTY LINE (TYP)

N

BENCH MARKS			
NO.	STATION	ELEV.	DESCRIPTION
CP 5	352+19.3, 30.5' LT	945.11	3/4" REBAR

5

CULV #: 18093022322
STA 355+09
REMOVE EXISTING 48-INCH CPRC
1-48" CPRC CLASS III REQ'D
2-48" AEW CPRC REQ'D

C10

PI STA =	363+56.55
Y =	231,859.0228
X =	352,703.6220
Δ =	2°44'45"
D =	0°34'23"
T =	239.66'
L =	479.23'
R =	10,000.00'
PC STA =	361+16.89
PT STA =	365+96.12

WETLAND IMPACT L:
TYPE J = 108 SF

BRIGHTSPEED - COMM

EAU CLAIRE ENERGY - ELEC

WETLAND BOUNDARY

PC: 361+16.89

PT: 365+96.12

CTH HH

MATCH LINE 355+00

MATCH LINE 370+00

356 358 360 362 364 366 368

N1° 17' 49"E

N1° 26' 56"W

STH 93

STH 93

C10

PI: 363+56.55

WETLAND BOUNDARY

WETLAND IMPACT K:
TYPE K = 24 SF

APPROXIMATE EXISTING R/W (TYP)

CLEARING REQ'D
STA 359+00 TO STA 364+00 RT

CTH HH

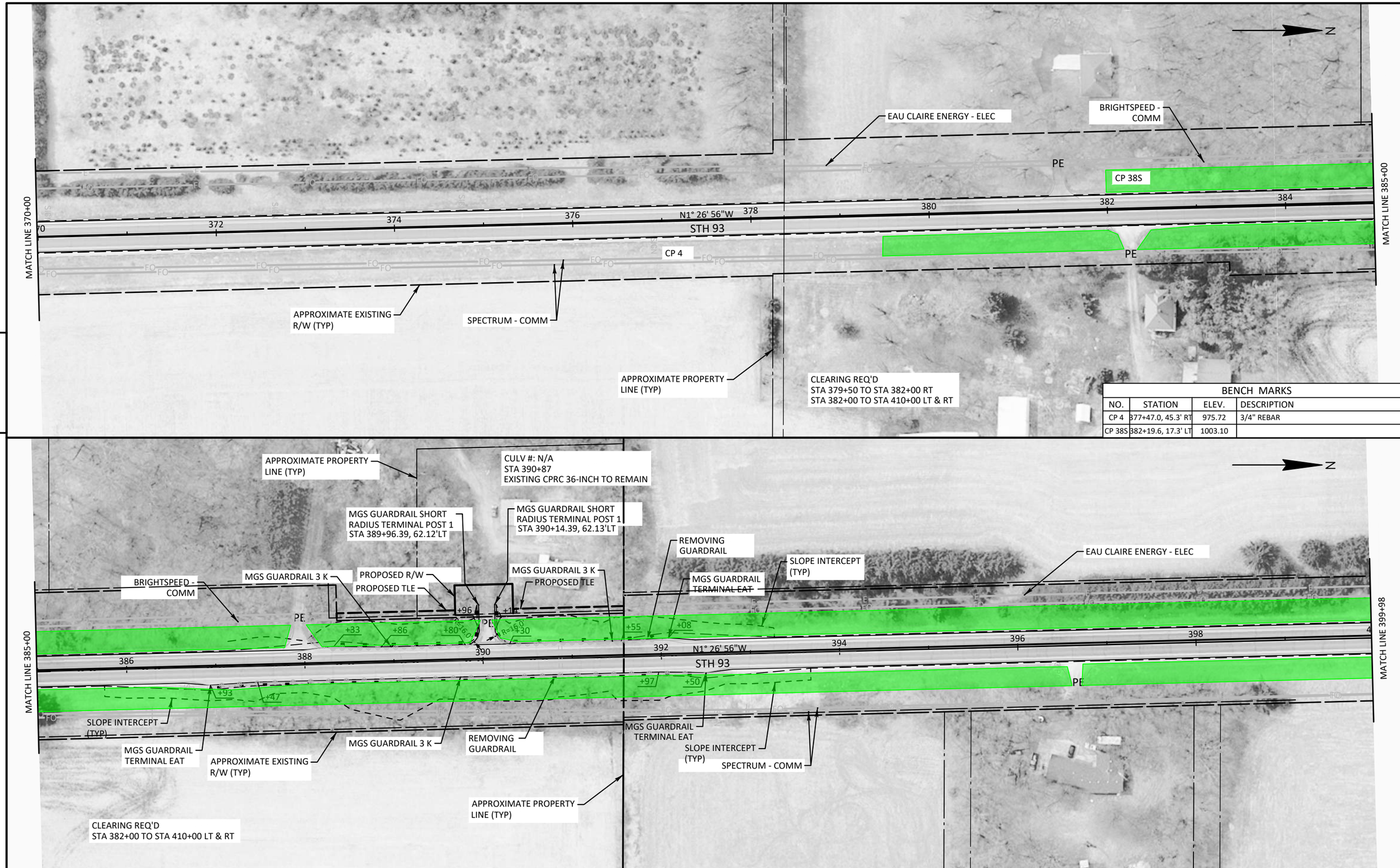
SPECTRUM - COMM

APPROXIMATE PROPERTY LINE (TYP)

CLEARING REQ'D
STA 366+00 TO STA 368+50 RT

N

PROJECT NO: 1000-28-28	HWY: STH 93	COUNTY: EAU CLAIRE	PLAN: STH 93 - SITE 7	SHEET 41	E



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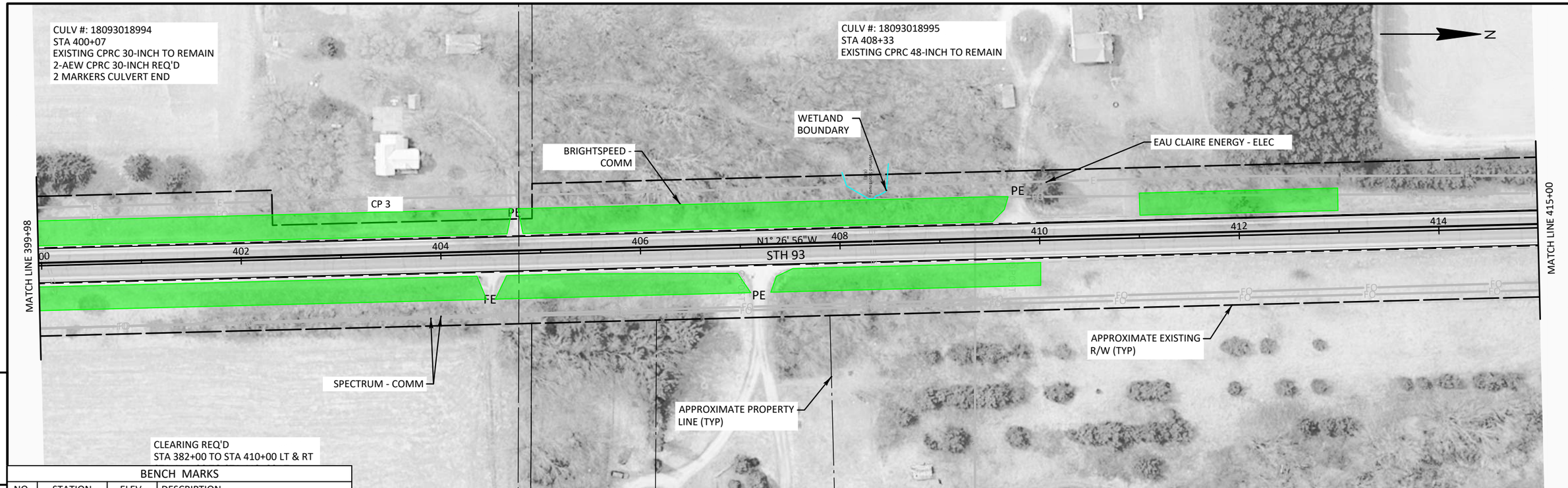
BENCH MARKS			
NO.	STATION	ELEV.	DESCRIPTION
CP 4	377+47.0, 45.3' RT	975.72	3/4" REBAR
CP 38S	382+19.6, 17.3' LT	1003.10	

PROJECT NO: 1000-28-28	HWY: STH 93	COUNTY: EAU CLAIRE	PLAN: STH 93 - SITE 7	SHEET 42	E



5

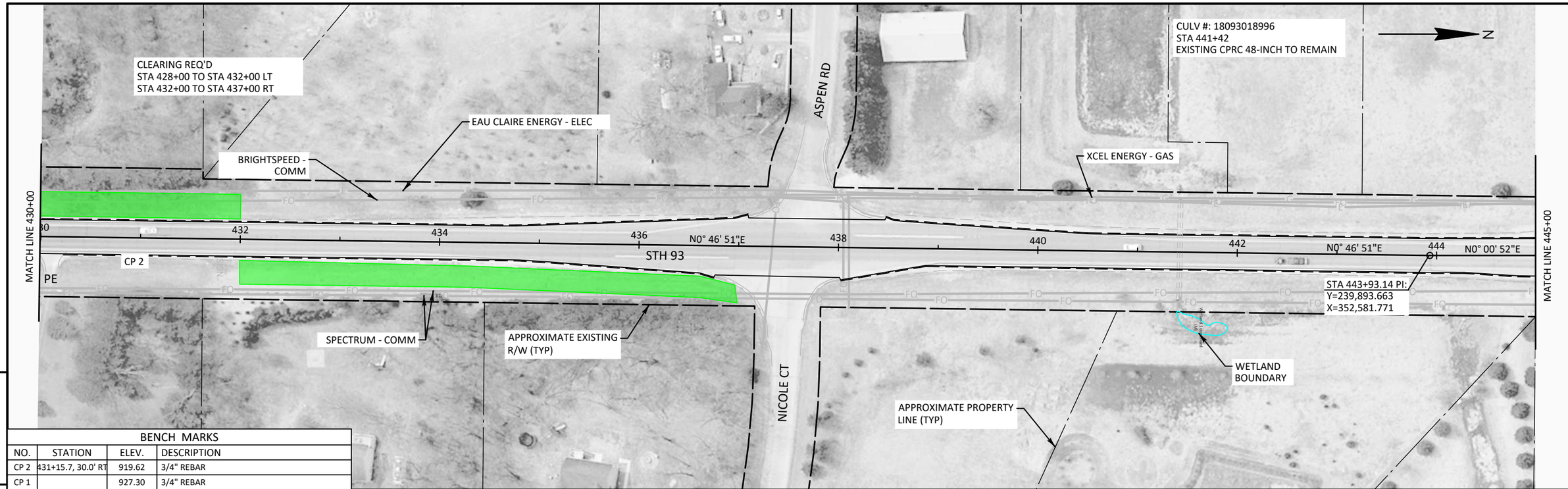
5

BENCH MARKS			
NO.	STATION	ELEV.	DESCRIPTION
CP 3	403+50.0, 30.6' LT	954.29	3/4" REBAR
CP 62	423+80.7, 22.4' LT	917.36	3/4" REBAR
BM 51	425+17.4, 41.6' RT	914.00	RR SPK IN TREE
CP 61	425+94.6, 19.3' RT	914.97	3/4" REBAR
CP 64	426+06.4, 27.7' RT	907.82	3/8" SPK
CP 63	426+25.5, 29.8' LT	907.04	3/8" SPK
BM 50	426+30.6, 17.8' LT	915.29	CHIS SQUARE
CP 60	426+44.3, 20.5' LT	914.99	3/4" REBAR

C11

PI STA = 423+02.40
Y = 237,803.0663
X = 352,553.2857
Δ = 2°13'47"
D = 0°30'01"
T = 222.82'
L = 445.59'
R = 11,450.00'
PC STA = 420+79.58
PT STA = 425+25.17

PROJECT NO: 1000-28-28	HWY: STH 93	COUNTY: EAU CLAIRE	PLAN: STH 93 - SITE 7	SHEET 43	E



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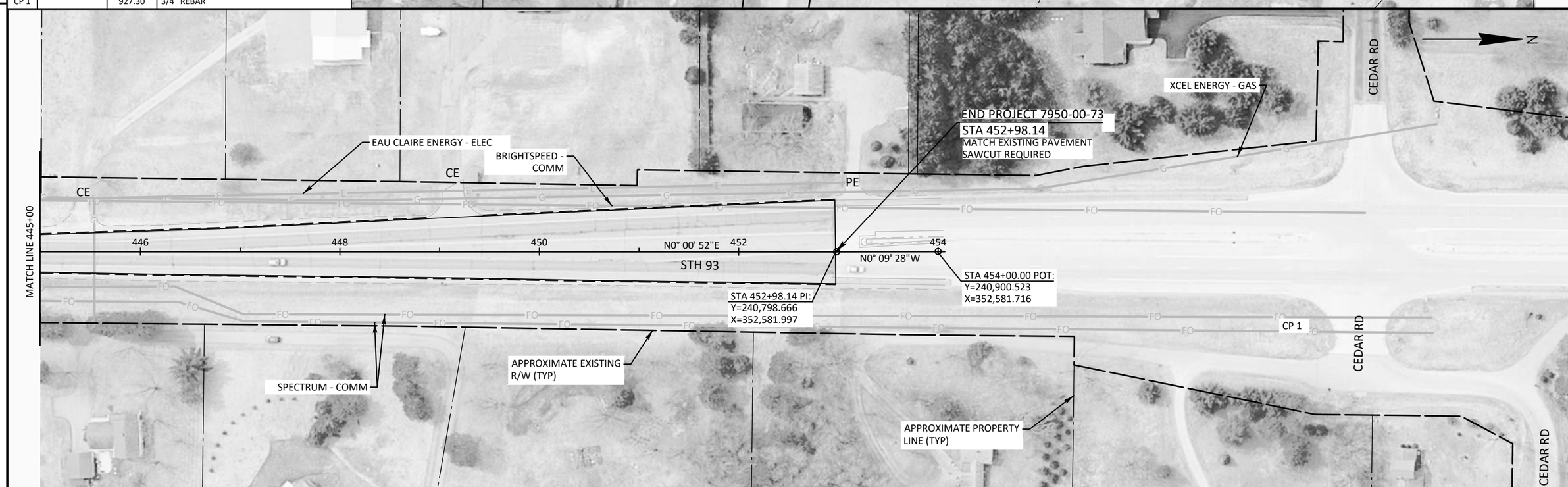
BENCH MARKS			
NO.	STATION	ELEV.	DESCRIPTION
CP 2	431+15.7, 30.0' RT	919.62	3/4" REBAR
CP 1		927.30	3/4" REBAR



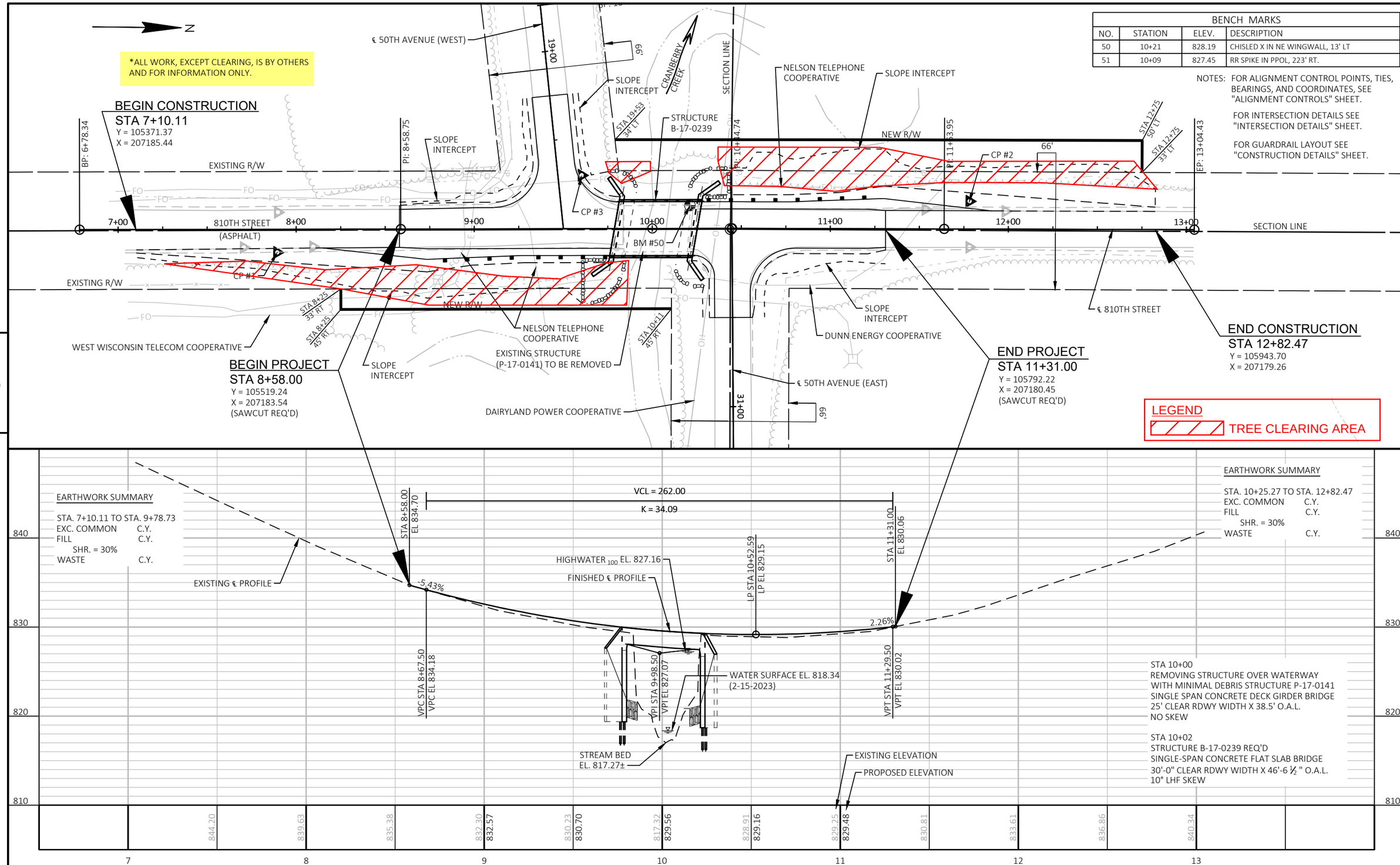
PROJECT NO: 1000-28-28	HWY: STH 93	COUNTY: EAU CLAIRE	PLAN: STH 93 - SITE 7	SHEET 44	E

BENCH MARKS			
NO.	STATION	ELEV.	DESCRIPTION
50	10+21	828.19	CHISLED X IN NE WINGWALL, 13' LT
51	10+09	827.45	RR SPIKE IN PPOL, 223' RT.

NOTES: FOR ALIGNMENT CONTROL POINTS, TIES, BEARINGS, AND COORDINATES, SEE "ALIGNMENT CONTROLS" SHEET.

FOR INTERSECTION DETAILS SEE "INTERSECTION DETAILS" SHEET.

FOR GUARDRAIL LAYOUT SEE "CONSTRUCTION DETAILS" SHEET.

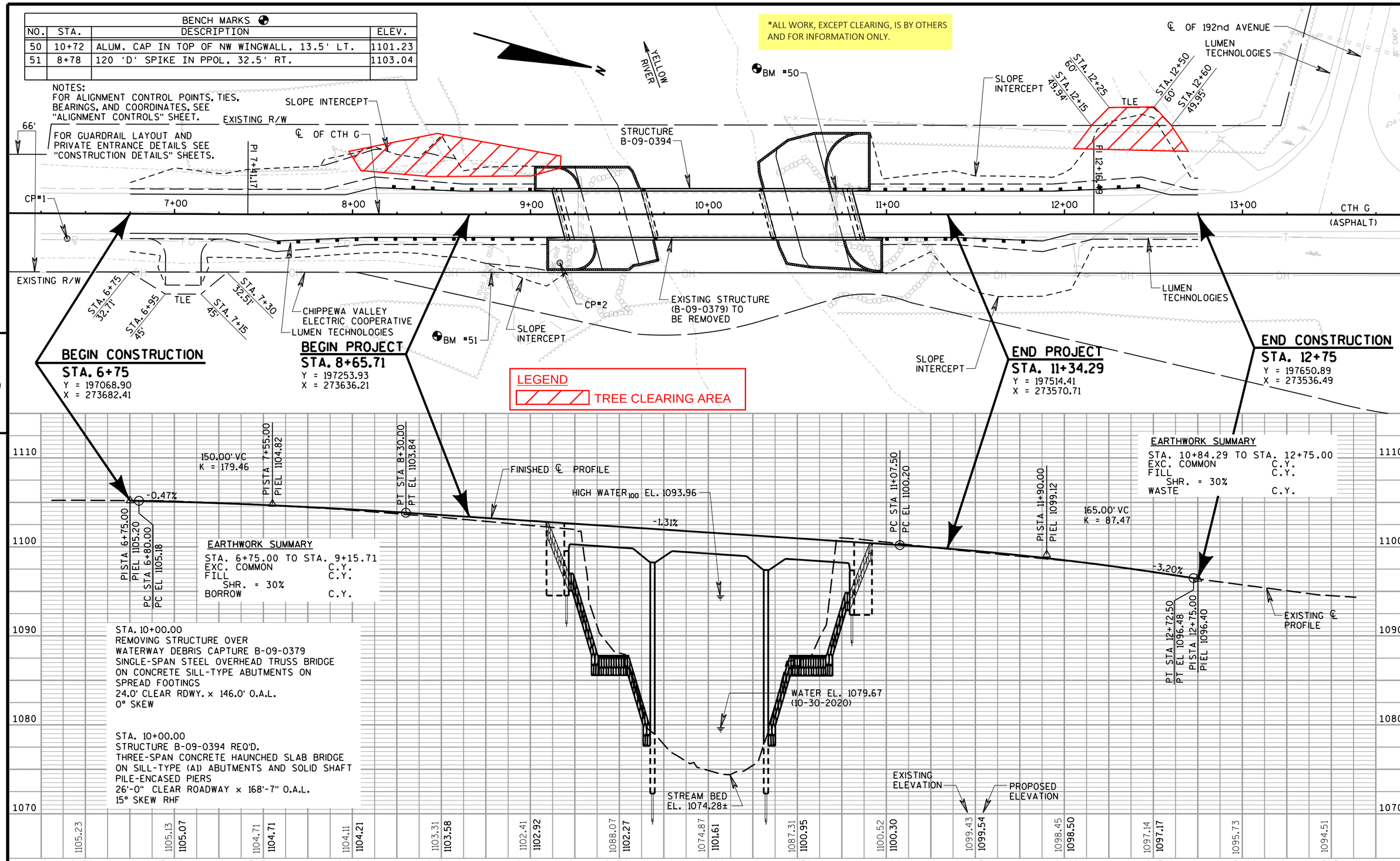


PROJECT NO: 1000-28-28	HWY: 810TH STREET	COUNTY: DUNN	PLAN AND PROFILE: - SITE 8	SHEET 45	E

BENCH MARKS			
NO.	STA.	DESCRIPTION	ELEV.
50	10+72	ALUM. CAP IN TOP OF NW WINGWALL, 13.5' LT.	1101.23
51	8+78	120 'D' SPIKE IN PPOL, 32.5' RT.	1103.04

NOTES:
FOR ALIGNMENT CONTROL POINTS, TIES, BEARINGS, AND COORDINATES, SEE "ALIGNMENT CONTROLS" SHEET.
FOR GUARDRAIL LAYOUT AND PRIVATE ENTRANCE DETAILS SEE "CONSTRUCTION DETAILS" SHEETS.

*ALL WORK, EXCEPT CLEARING, IS BY OTHERS AND FOR INFORMATION ONLY.



EARTHWORK SUMMARY
STA. 6+75.00 TO STA. 9+15.71
EXC. COMMON C.Y.
FILL C.Y.
SHR. = 30%
BORROW C.Y.

EARTHWORK SUMMARY
STA. 10+84.29 TO STA. 12+75.00
EXC. COMMON C.Y.
FILL C.Y.
SHR. = 30%
WASTE C.Y.

STA. 10+00.00
REMOVING STRUCTURE OVER WATERWAY DEBRIS CAPTURE B-09-0379
SINGLE-SPAN STEEL OVERHEAD TRUSS BRIDGE ON CONCRETE SILL-TYPE ABUTMENTS ON SPREAD FOOTINGS
24.0' CLEAR RDWY. x 146.0' O.A.L.
0° SKEW

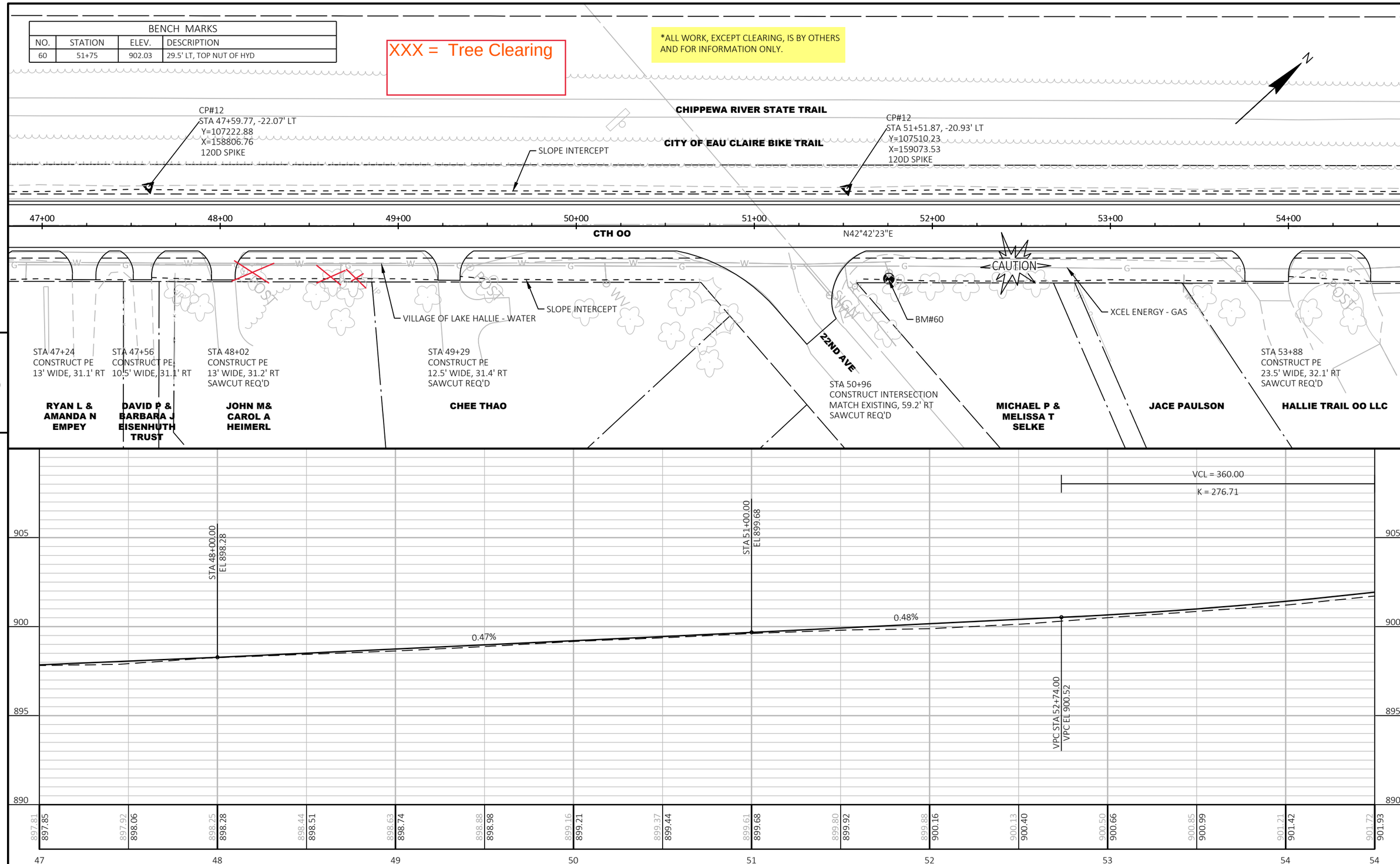
STA. 10+00.00
STRUCTURE B-09-0394 REQ'D.
THREE-SPAN CONCRETE HAUNCHED SLAB BRIDGE ON SILL-TYPE (A1) ABUTMENTS AND SOLID SHAFT PILE-ENCASED PIERS
26'-0" CLEAR ROADWAY x 168'-7" O.A.L.
15° SKEW RHF

PROJECT NO: 1000-28-28	HWY: CTH G	COUNTY: CHIPPEWA	PLAN AND PROFILE - SITE 9	SCALE, FEET 0 25 50	SHEET 46	E

BENCH MARKS			
NO.	STATION	ELEV.	DESCRIPTION
60	51+75	902.03	29.5' LT, TOP NUT OF HYD

XXX = Tree Clearing

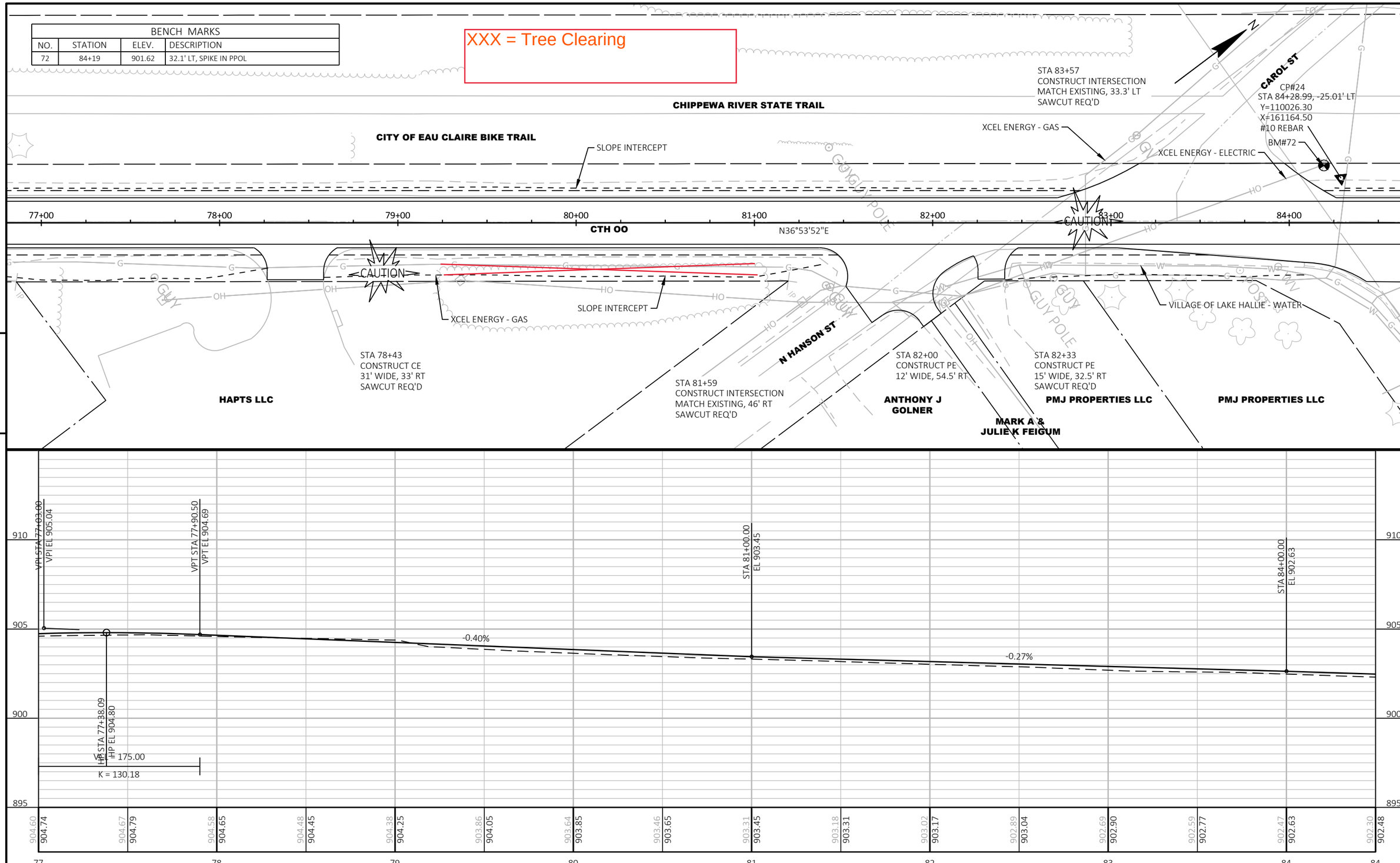
*ALL WORK, EXCEPT CLEARING, IS BY OTHERS AND FOR INFORMATION ONLY.



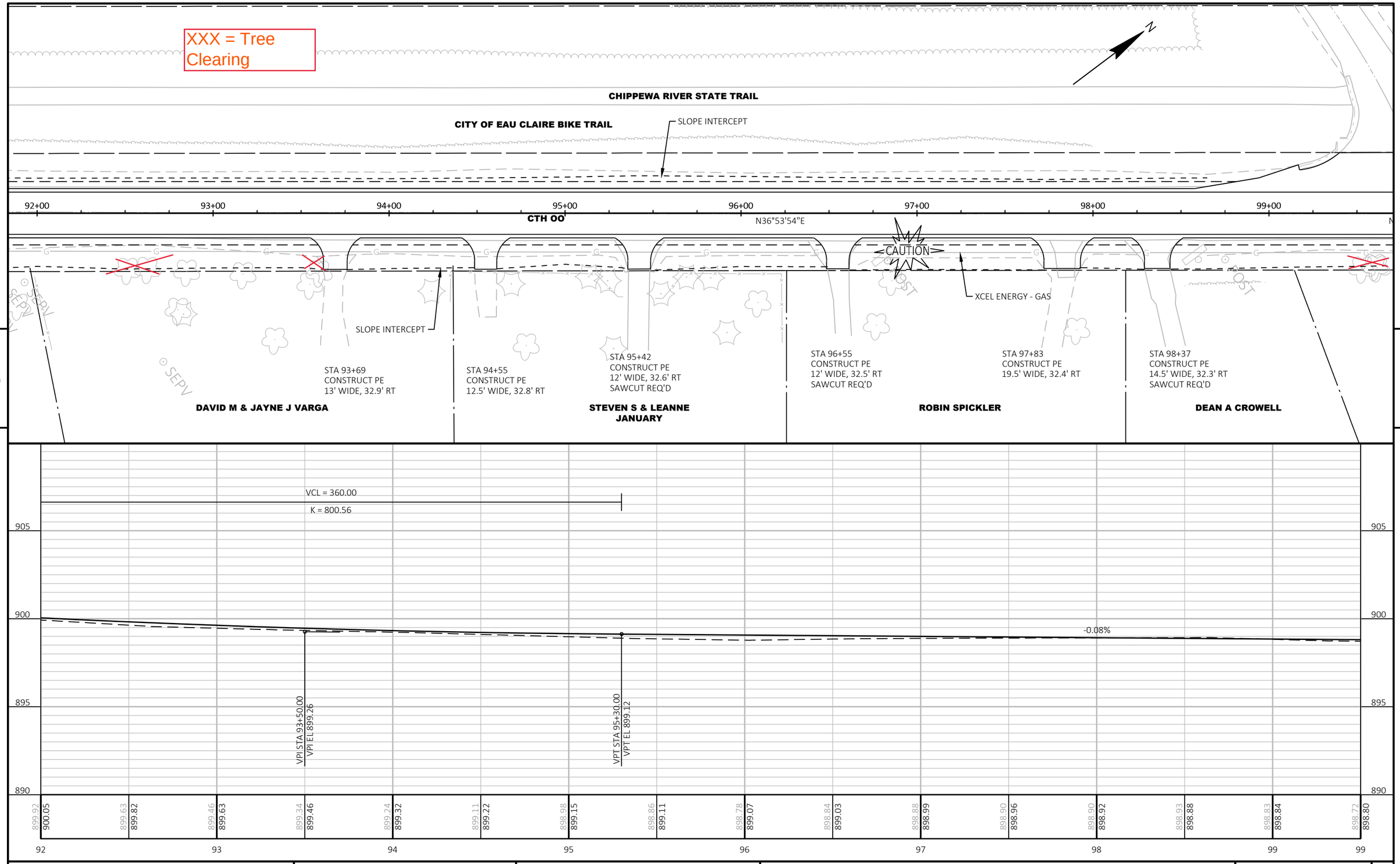
PROJECT NO: 1000-28-28	HWY: CTH OO	COUNTY: CHIPPEWA	PLAN AND PROFILE: CTH OO - SITE 10	SHEET 47	E

BENCH MARKS			
NO.	STATION	ELEV.	DESCRIPTION
72	84+19	901.62	32.1' LT, SPIKE IN PPOL

XXX = Tree Clearing



PROJECT NO: 1000-28-28	HWY: CTH OO	COUNTY: CHIPPEWA	PLAN AND PROFILE: CTH OO - SITE 10	SHEET 48	E

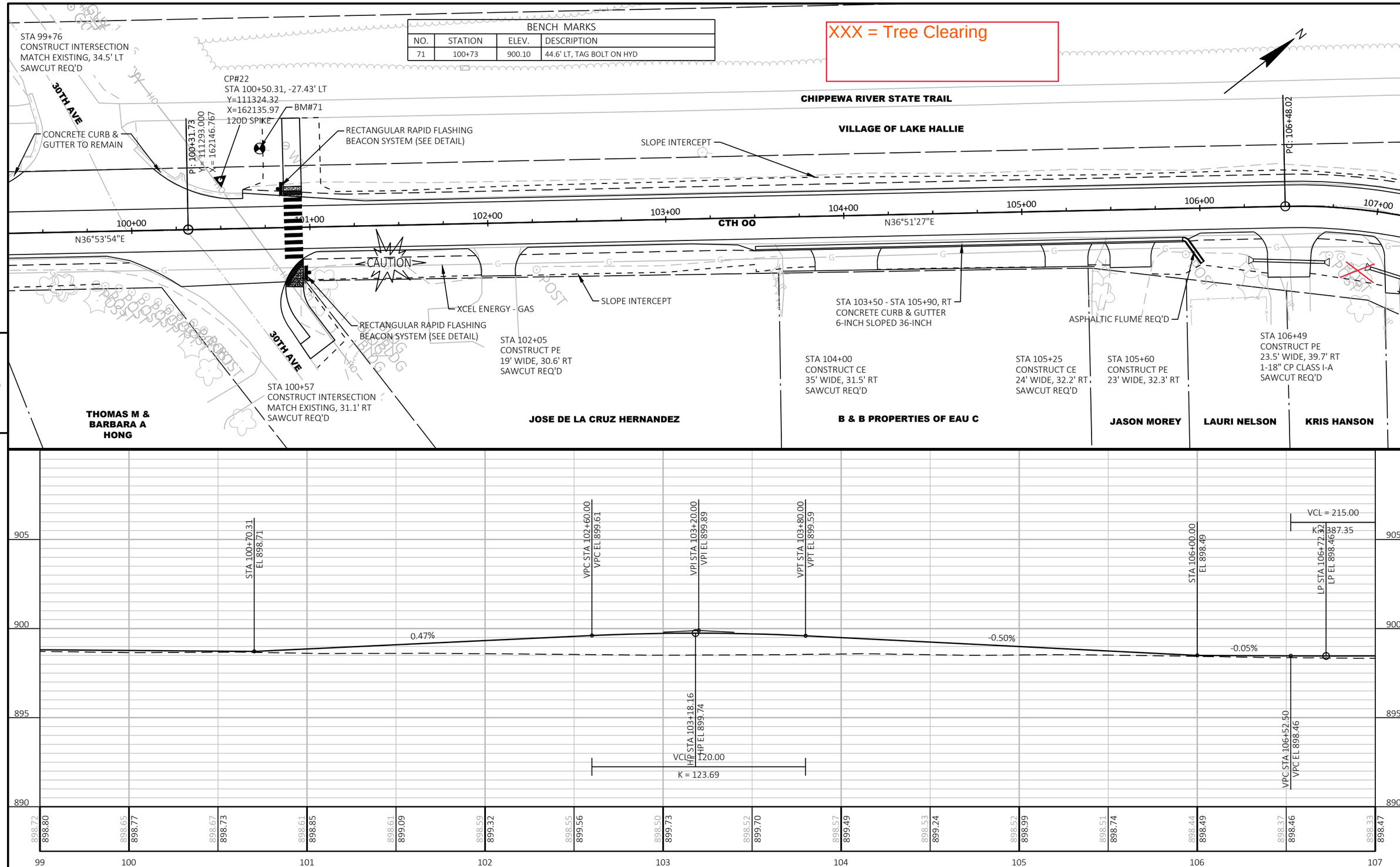


PROJECT NO: 1000-28-28	HWY: CTH OO	COUNTY: CHIPPEWA	PLAN AND PROFILE: CTH OO - SITE 10	SHEET 49	E

FILE NAME : I:\41\410885_CHIPPEWA CTH OO\C3D\SHEETS\050101-PP.DWG
LAYOUT NAME - 12
PLOT DATE : 4/12/2024 8:47 AM
PLOT BY : RESHESKE, CARRIE
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 44

BENCH MARKS			
NO.	STATION	ELEV.	DESCRIPTION
71	100+73	900.10	44.6' LT, TAG BOLT ON HYD

XXX = Tree Clearing

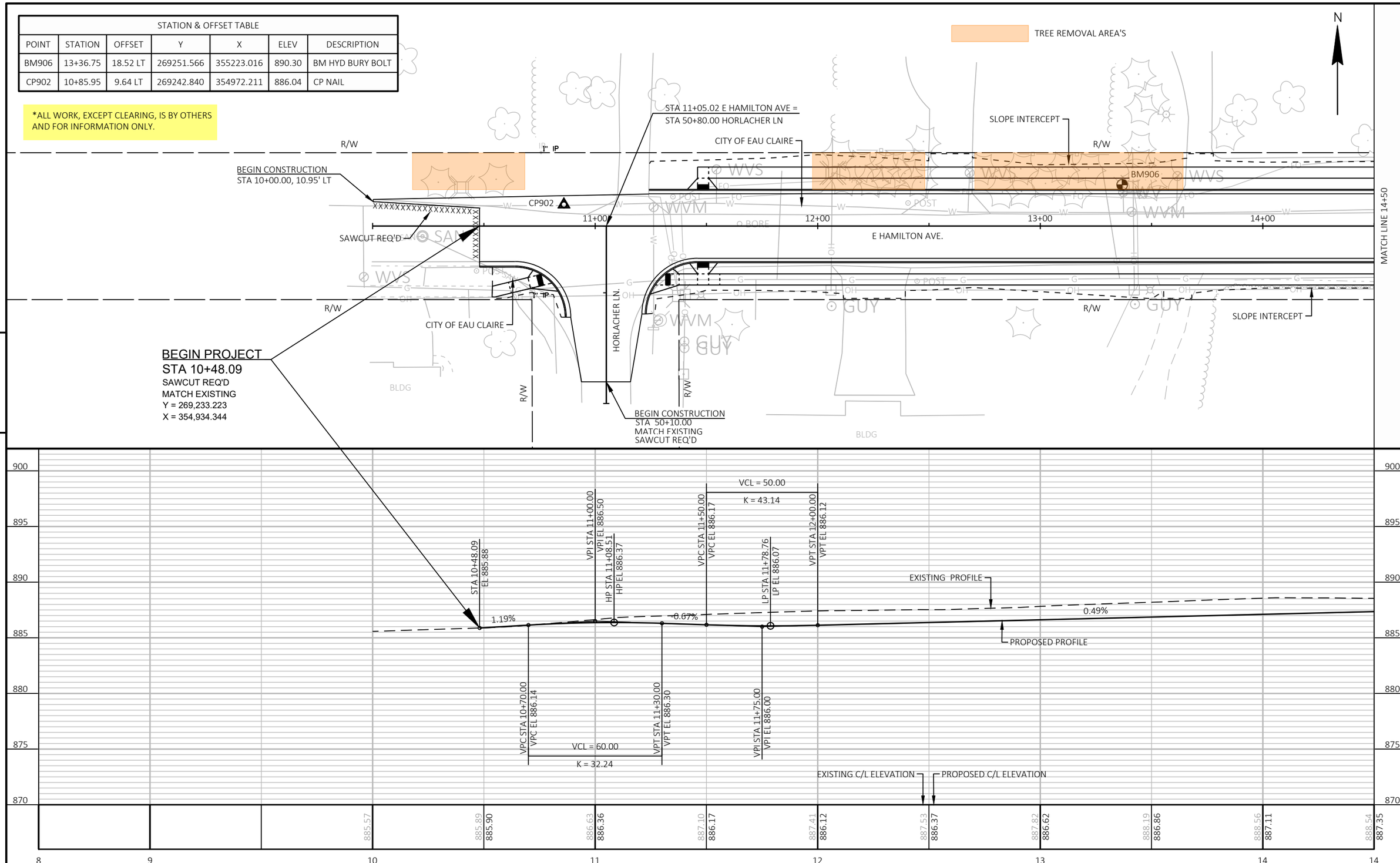


PROJECT NO: 1000-28-28	HWY: CTH OO	COUNTY: CHIPPEWA	PLAN AND PROFILE: CTH OO - SITE 10	SHEET 50	E

FILE NAME : I:\41\410885_CHIPPEWA CTH OO\C3D\SHEETS\050101-PP.DWG
LAYOUT NAME - 13
PLOT DATE : 4/12/2024 8:48 AM
PLOT BY : RESHESKE, CARRIE
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 44

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y	X	ELEV	DESCRIPTION
BM906	13+36.75	18.52 LT	269251.566	355223.016	890.30	BM HYD BURY BOLT
CP902	10+85.95	9.64 LT	269242.840	354972.211	886.04	CP NAIL

*ALL WORK, EXCEPT CLEARING, IS BY OTHERS AND FOR INFORMATION ONLY.

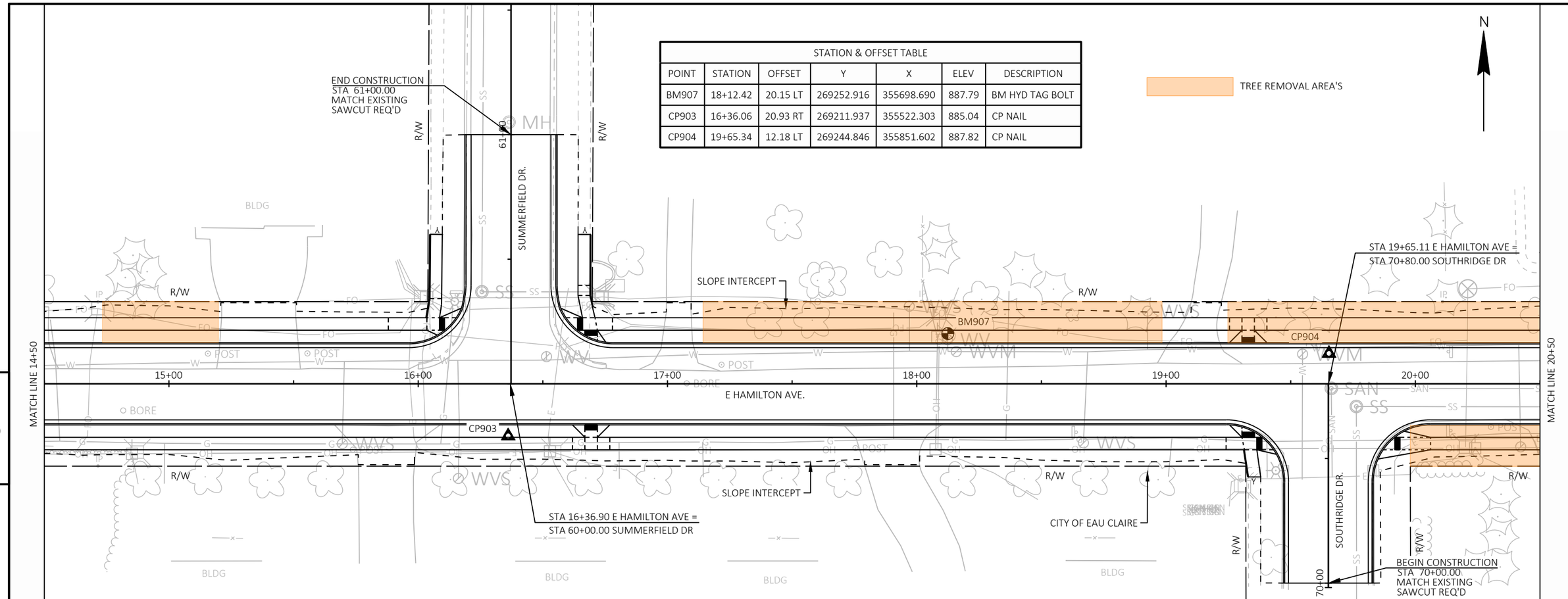


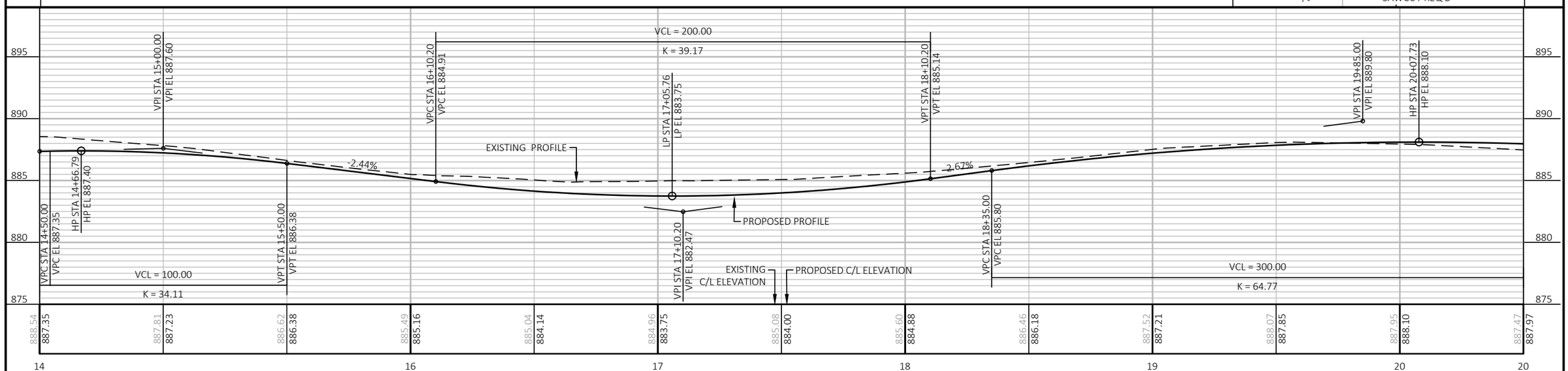
PROJECT NO: 1000-28-28	HWY: E HAMILTON AVE	COUNTY: EAU CLAIRE	PLAN AND PROFILE: E HAMILTON AVE - SITE 11	SHEET 51	E

FILE NAME : C:\OD\CORRE, INC\PROJECTS - WI-NW REGION\7995-02-75_CITY OF EAU CLAIRE_HAMILTON AVE\500_CADD\501_C3D_2022\79950276\SHEETS\050101-PP.DWG
LAYOUT NAME - 050101-pp
PLOT DATE : 5/29/2024 1:56 PM PLOT BY : BOBBY JONES PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y	X	ELEV	DESCRIPTION
BM907	18+12.42	20.15 LT	269252.916	355698.690	887.79	BM HYD TAG BOLT
CP903	16+36.06	20.93 RT	269211.937	355522.303	885.04	CP NAIL
CP904	19+65.34	12.18 LT	269244.846	355851.602	887.82	CP NAIL



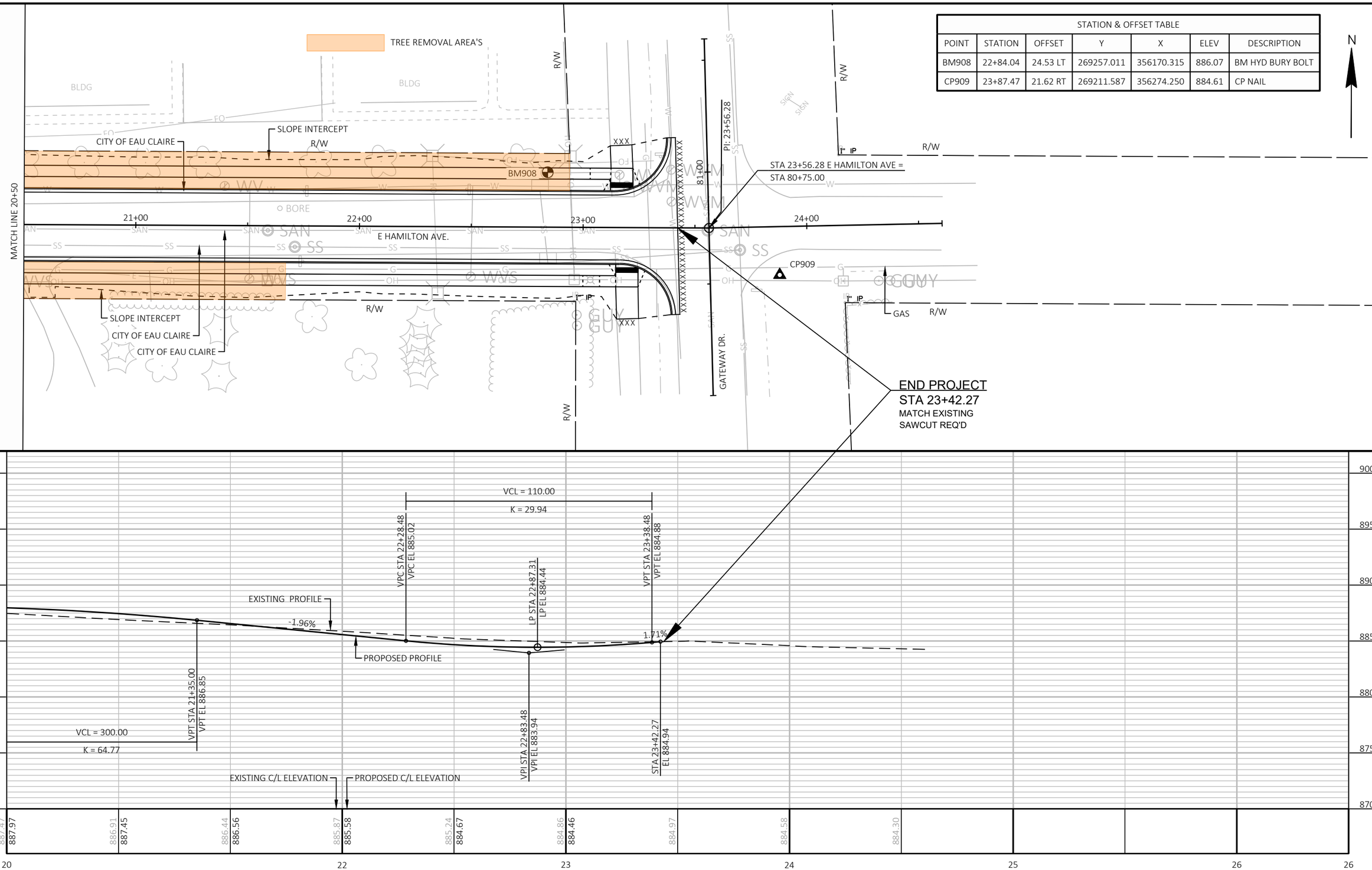


PROJECT NO: 1000-28-28	HWY: E HAMILTON AVE	COUNTY: EAU CLAIRE	PLAN AND PROFILE: E HAMILTON AVE - SITE 11	SHEET 52	E

FILE NAME : C:\OD\CORRE, INC\PROJECTS - WI-NW REGION\7995-02-75_CITY OF EAU CLAIRE_HAMILTON AVE\500_CADD\501_C3D_2022\79950276\SHEETS\050101-PP.DWG
LAYOUT NAME - 050102-pp
PLOT DATE : 5/29/2024 1:56 PM PLOT BY : BOBBY JONES PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y	X	ELEV	DESCRIPTION
BM908	22+84.04	24.53 LT	269257.011	356170.315	886.07	BM HYD BURY BOLT
CP909	23+87.47	21.62 RT	269211.587	356274.250	884.61	CP NAIL



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PROJECT NO: 1000-28-28	HWY: E HAMILTON AVE	COUNTY: EAU CLAIRE	PLAN AND PROFILE: E HAMILTON AVE - SITE 11	SHEET 53	E

FILE NAME : C:\OD\CORRE, INC\PROJECTS - WI-NW REGION\7995-02-75_CITY OF EAU CLAIRE_HAMILTON AVE\500_CADD\501_C3D_2022\79950276\SHEETS\050101-PP.DWG
LAYOUT NAME - 050103-pp
PLOT DATE : 5/29/2024 1:56 PM
PLOT BY : BOBBY JONES
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

Standard Detail Drawing List

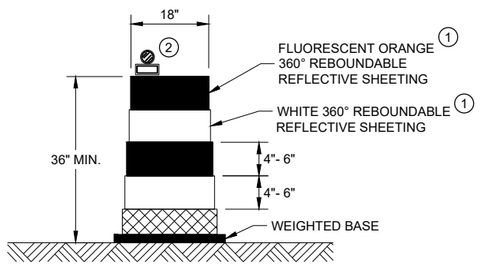
15C11-10B	CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS
15C12-09A	TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION
15D12-12A	TRAFFIC CONTROL, LANE CLOSURE, WITH TEMPORARY RUMBLE STRIPS
15D27-03	TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 MPH
15D28-04	TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY

6

6

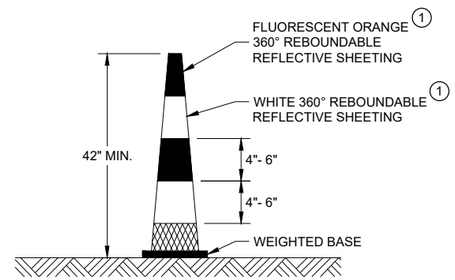
GENERAL NOTES

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.



DRUM

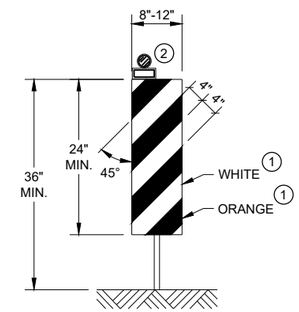
BALLAST WIDTHS
RANGE FROM 24"-36"



42" CONE

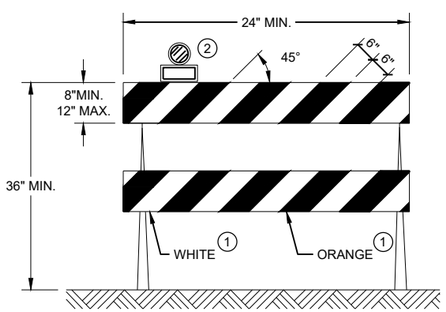
DO NOT USE IN TAPERS
½ SPACING OF DRUMS

BALLAST WIDTHS
RANGE FROM 14"-20"



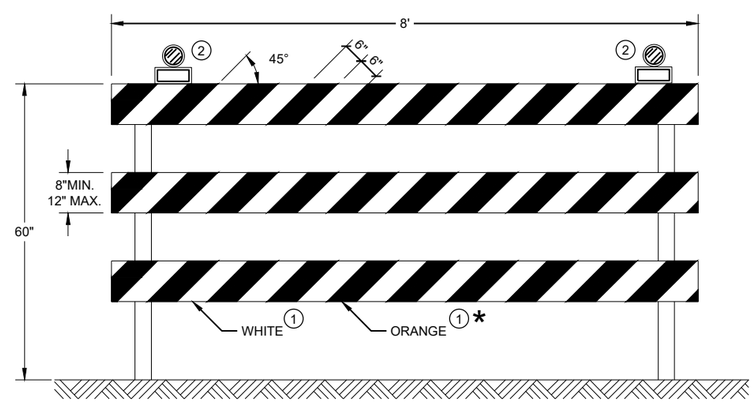
VERTICAL PANEL

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.

CHANNELIZING DEVICES
DRUMS, CONES, BARRICADES
AND VERTICAL PANELS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2022 — /S/ Andrew Heidtke
DATE — WORK ZONE ENGINEE
FHWA

6

6

SDD 15C11 - 10b

SDD 15C11 - 10b

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.

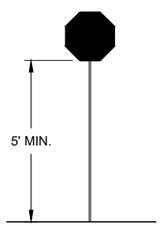
(3) EACH TEMPORARY PORTABLE RUMBLE STRIP ARRAY CONSISTS OF THREE RUMBLE STRIPS PLACED TRANSVERSE ACROSS THE LANE AT THE LOCATIONS SHOWN. WITHIN EACH ARRAY, SPACING BETWEEN RUMBLE STRIPS SHALL BE 15 FEET ON CENTER

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.

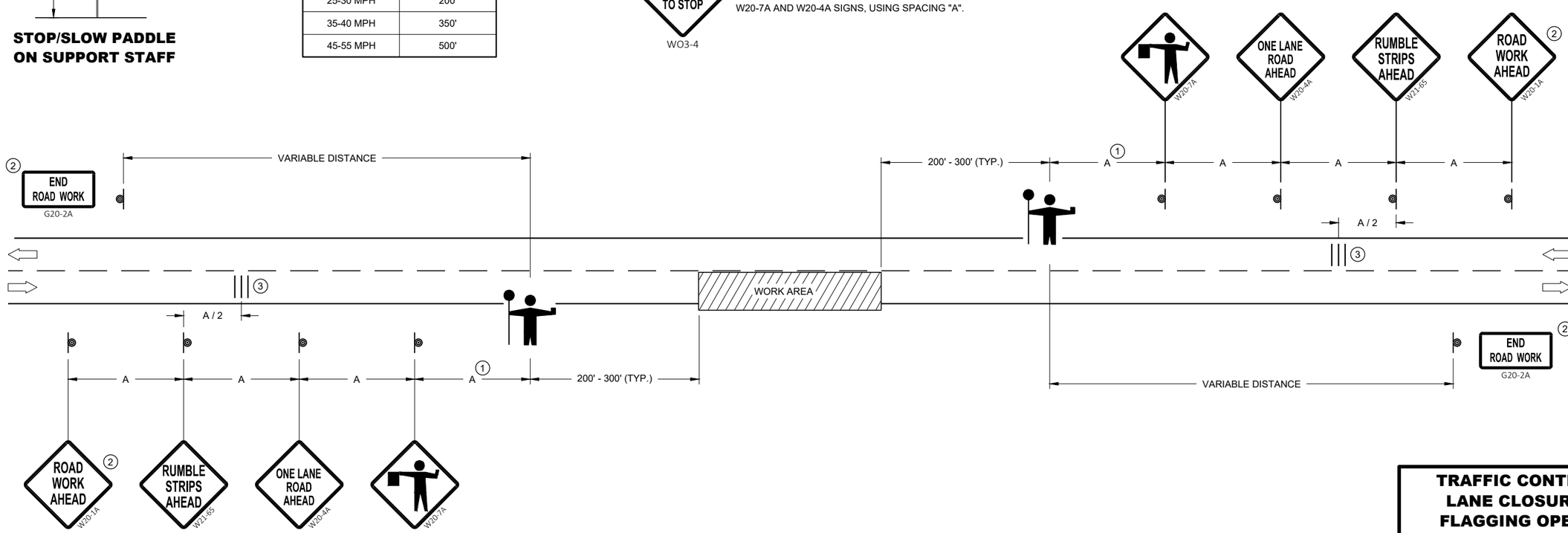


STOP/SLOW PADDLE ON SUPPORT STAFF

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 WO3-4 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 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEE
FHWA

6

SDD 15C12 - 09a

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.

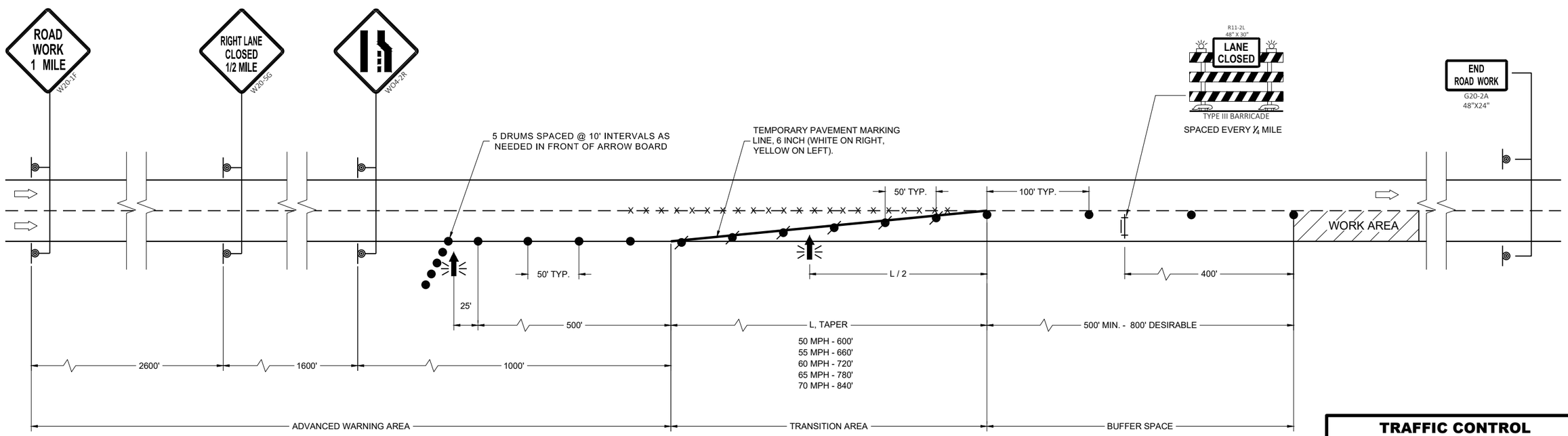
WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

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
- FLASHING ARROW BOARD



TRAFFIC CONTROL
LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
September 2023 — DATE
/S/ Andrew Heidtke — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

6
SDD 15D12-12a

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.

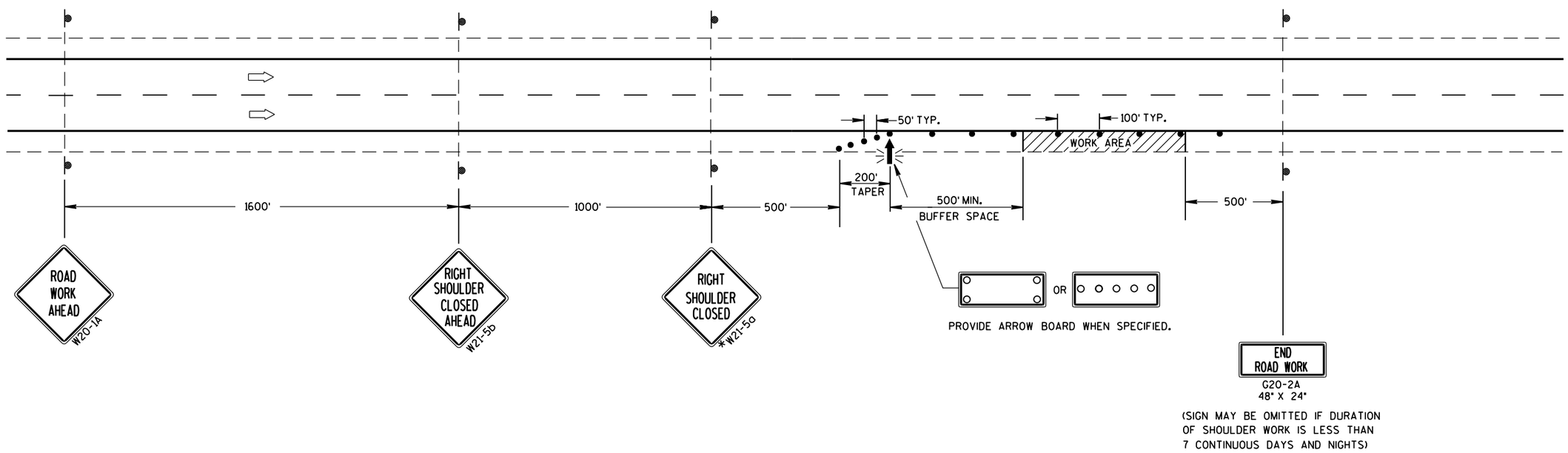
SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

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 — DATE

/S/ Peter Amakobe Atepe — STATEWIDE WORK ZONE TRAFFIC SAFETY ENGINEER

FHWA

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.

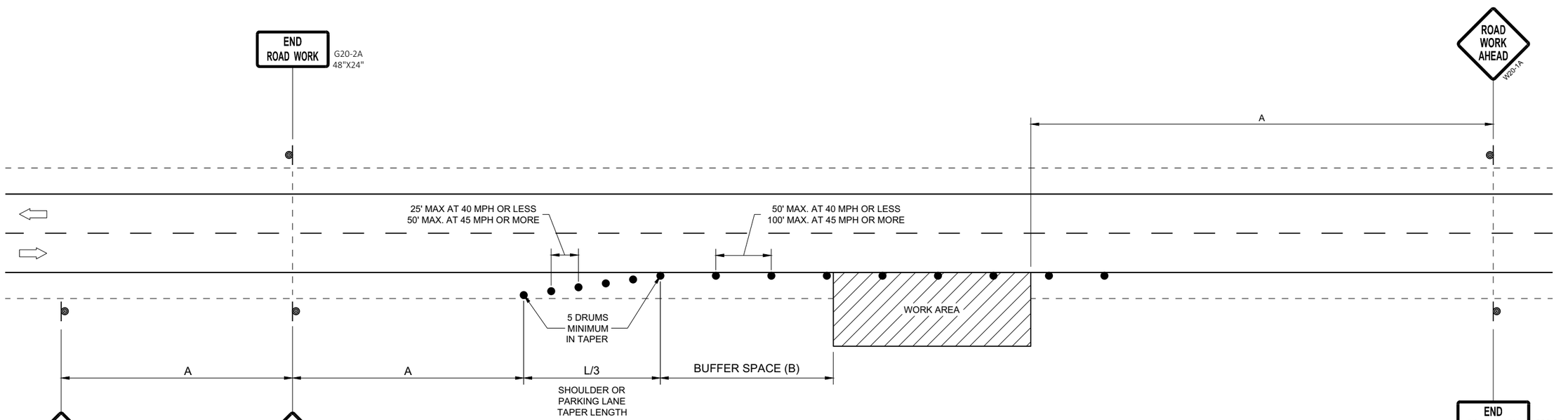
ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

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.



OR
IF TRAFFIC CONTROL DEVICES
ENCROACH ONTO TRAVELED WAY, USE

POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET	SHOULDER TAPER L / 3 W, LATERAL OFFSET (FT)						BUFFER SPACE (B) FEET
		3	4	5	6	7	8	
25	200'	10	14	17	21	24	28	55
30	200'	15	20	25	30	35	40	85
35	350'	20	27	34	40	47	54	120
40	350'	26	35	44	53	62	70	170
45	500'	45	59	74	89	104	119	220
50	500'	50	66	83	99	116	132	280
55	500'	54	73	91	109	127	145	335'

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

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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

6

SDD 15D28 - 04

Wisconsin Department of Transportation

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