PROJECT ID: **1175-21-71**

WITH:

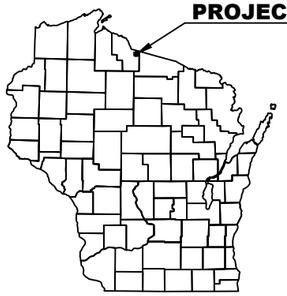
COUNTY: **IRON**

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 =

PROJECT LOCATION



N

DESIGN DESIGNATION

		USH 51	USH 2
A.A.D.T.	=	4100	4600
A.A.D.T.	=	5100	5600
D.H.V.	=	638	1708
D.D.	=	58/42	61/39
T.	=	6.3%	18.8%
DESIGN SPEED	=	50 MPH	60 MPH
ESALS	=	3,000,000	3,000,000

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

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

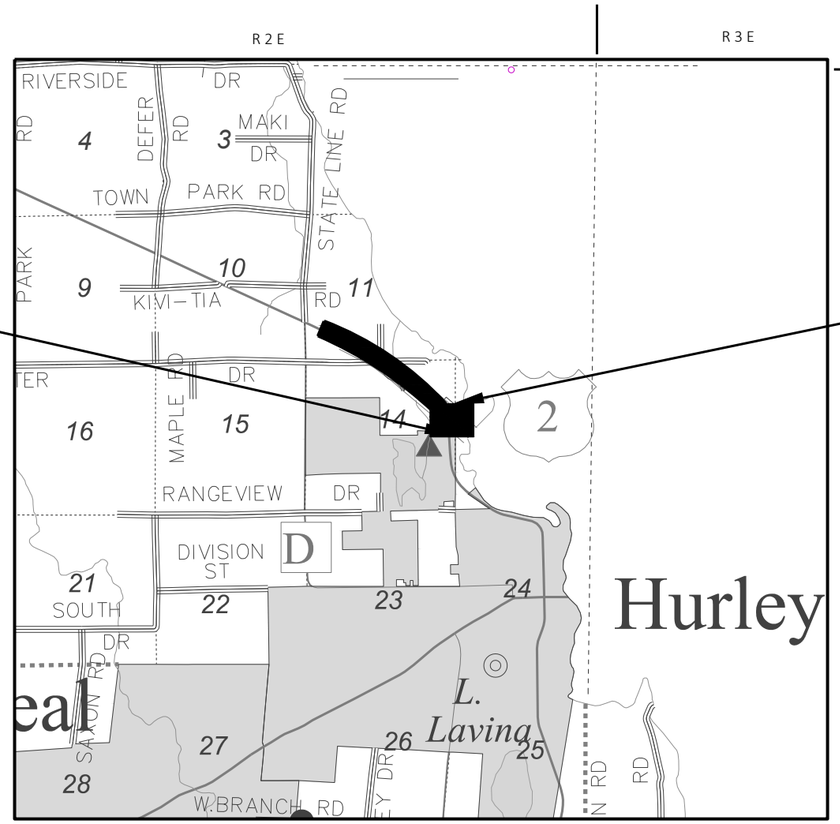
MANITOWISH - HURLEY

USH 51 OVERHEAD REMOVAL B-26-0006

USH 51
IRON COUNTY

STATE PROJECT NUMBER
1175-21-71

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1175-21-71		



BEGIN PROJECT
STA. 108+36NB
Y=375898.151
X=740293.001

END PROJECT
STA. 116+65.65

T 46 N

LAYOUT

SCALE 0 1 MI

TOTAL NET LENGTH OF CENTERLINE = 0.157 Mi.

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), IRON COUNTY, NAD83 (2011), 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 (2012). GPS DERIVED ELEVATIONS ARE BASED ON GEOID 12A.

ORIGINAL PLANS PREPARED BY

AYRES

DATE: _____

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	AYRES
Designer	AYRES
Project Manager	DANIEL ERVA
Regional Supervisor	ROBIN STAFFORD

APPROVED FOR THE DEPARTMENT

DATE: _____ _____ (Signature)

PRE_1

E

FILE NAME : V:\TRANS-GB\450466 USH 51 & USH 2\C3D\SHEETSPLAN\010101-TI.DWG PLOT DATE : 8/31/2020 10:15 AM PLOT BY : AYRES PLOT NAME :

GENERAL NOTES

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

THE CONTRACTOR SHALL NOTIFY DIGGERS HOTLINE AND AFFECTED UTILITIES PRIOR TO THE START OF WORK. ANY LOCAL MUNICIPAL UTILITY WHICH IS NOT A MEMBER OF THE DIGGERS HOTLINE MUST BE CONTACTED SEPARATELY.

RESHAPE AND SEEDING OF ANY PREVIOUSLY GRASSED AREAS WHICH ARE DISTURBED BY OPERATIONS OUTSIDE OF THE ENGINEER DETERMINED CONSTRUCTION LIMITS ARE INCIDENTAL TO THE CONTRACT.

CURB AND GUTTER ELEVATIONS ARE ALONG THE FLANGE LINE UNLESS OTHERWISE NOTED. RADIUS POINTS, UNLESS OTHERWISE NOTED, ARE TO FACE OF CURB.

CURVE DATA IS BASED ON ARC DEFINITION.

BEARINGS SHOWN ON THIS PLAN ARE TRUE BEARINGS.

PROPERTY LINES SHOWN ARE APPROXIMATE.

ANY DOWEL BARS, TIE BARS, REINFORCEMENT, OR TERMINAL ANCHORS, FOUND IN EXISTING PAVEMENT WILL BE INCIDENTAL TO THE ITEM "REMOVING PAVEMENT".

PROJECT AND UTILITY CONTACTS

WISCONSIN DEPARTMENT OF NATURAL RESOURCES
NORTH REGION HEADQUARTERS
ATTN: JON SIMONSEN
107 SUTLIFF AVENUE
RHINELANDER, WI 54501
PHONE: 715-367-1936
EMAIL: jonathan.simonsen@wisconsin.gov

WISCONSIN DEPT OF TRANSPORTATION
NORTH CENTRAL REGION - PRIMARY CONTACT
ATTN: JIM VOLKMANN-PROJECT MANAGER
510 NORTH HANSON LAKE ROAD
RHINELANDER, WI 54501
PHONE:715-365-5773
EMAIL: Jim.Volkmann@dot.wi.gov

* XCEL ENERGY-ELECTRICITY
ATTN: BRENNAN HENRY
1715 LIBERTY STREET
IRONWOOD, MI 49938
PHONE: 715-737-3317
EMAIL: brennan.j.henry@xcelenergy.com

* MERIT NETWORK, INC.-COMMUNICATION LINE
ATTN: NICK ANDRUS
1000 OAKBROOK DRIVE, SUITE 200
ANN ARBOR, MI 48104
PHONE: 734-527-5777
EMAIL: osp@merit.edu

* CENTURYLINK-COMMUNICATION
ATTN: BEN BAKER
425 ELLINGSON AVENUE
HAWKINS, WI 54530
PHONE:715-234-5528
E-MAIL: Ben.Baker@centurylink.com

* NORTHERN NATURAL GAS COMPANY
ATTN: KAREN PERREAULT
118 US HWY 41 E
NEGAUNEE, MI 49866
PHONE: 402-530-3102
E-MAIL: Karen.perreault@nngco.com

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

*-MEMBER OF DIGGERS HOTLINE

RUNOFF COEFFICIENT TABLE

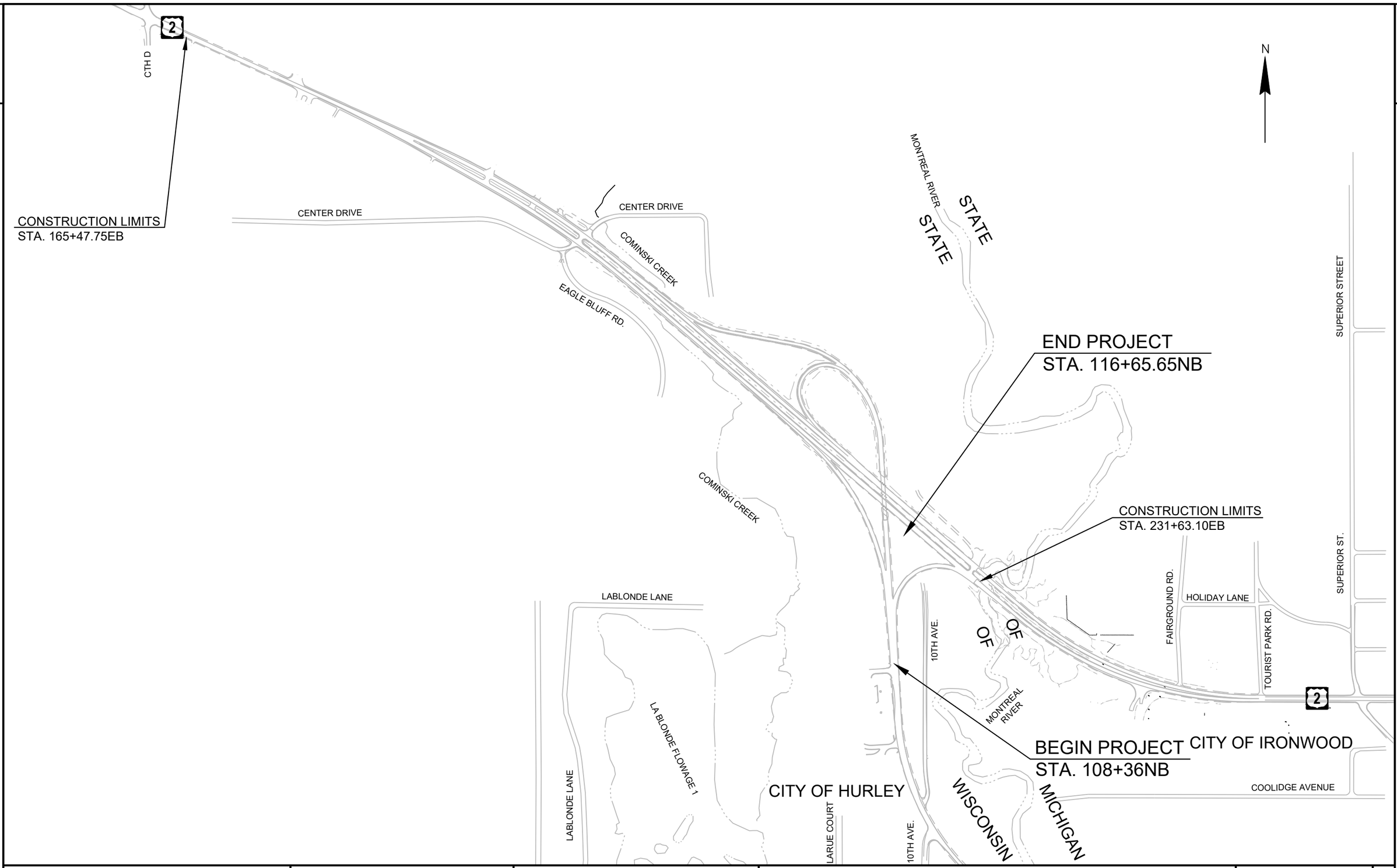
	HYDROLOGIC SOIL GROUP											
	A			B			C			D		
	SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)		
LAND USE:	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER
ROW CROPS	.08 .22	.16 .30	.22 .38	.12 .26	.20 .34	.27 .44	.15 .30	.24 .37	.33 .50	.19 .34	.28 .41	.38 .56
MEDIAN STRIP-TURF	.19 .24	.20 .26	.24 .30	.19 .25	.22 .28	.26 .33	.20 .26	.23 .30	.30 .37	.20 .27	.25 .32	.30 .40
SIDE SLOPE-TURF			.25 .32			.27 .34			.28 .36			.30 .38
PAVEMENT:												
ASPHALT	.70 - .95											
CONCRETE	.80 - .95											
BRICK	.70 - .80											
DRIVES, WALKS	.75 - .85											
ROOFS	.75 - .95											
GRAVEL ROADS, SHOULDERS	.40 - .60											

TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 17.2 ACRES
SOIL GROUP A & D

ORDER OF SECTION 2 SHEETS

GENERAL NOTES & CONTACTS
PROJECT OVERVIEW
TYPICAL SECTIONS
CONSTRUCTION DETAILS
PLAN DETAILS
PLAN OFFSETS
PAVING GRADES
CURB RAMPS
EROSION CONTROL
STORM SEWER
PLANTING
PERMANENT SIGNING
LIGHTING
PAVEMENT MARKING
TRAFFIC CONTROL
STAGE CONSTRUCTION
ALIGNMENT

2

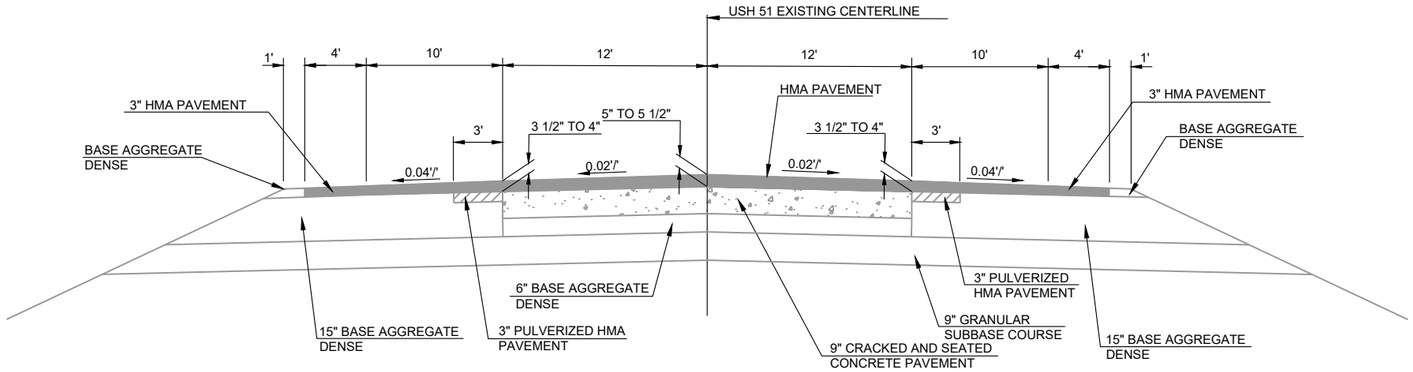


PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PROJECT OVERVIEW	SHEET E

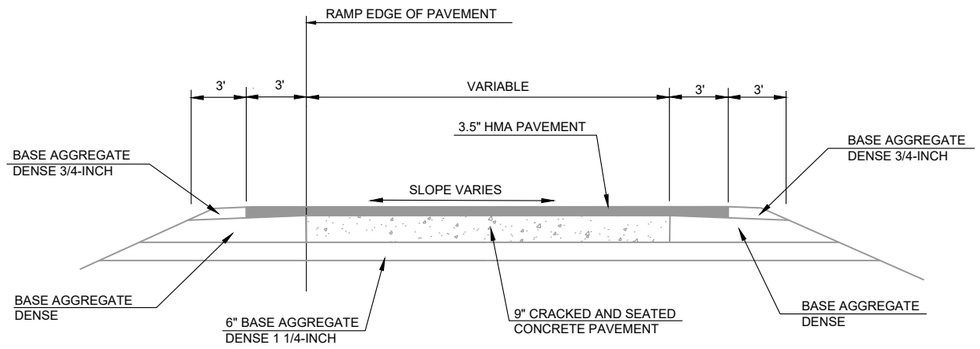
PRE_3

FILE NAME : V:\TRANS-GB\450466 USH 51 & USH 2\C3D\SHEETSPLAN\020201-PO.DWG
LAYOUT NAME - 020201-po
PLOT DATE : 8/31/2020 10:15 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:600 FT
WISDOT/CADDS SHEET 42

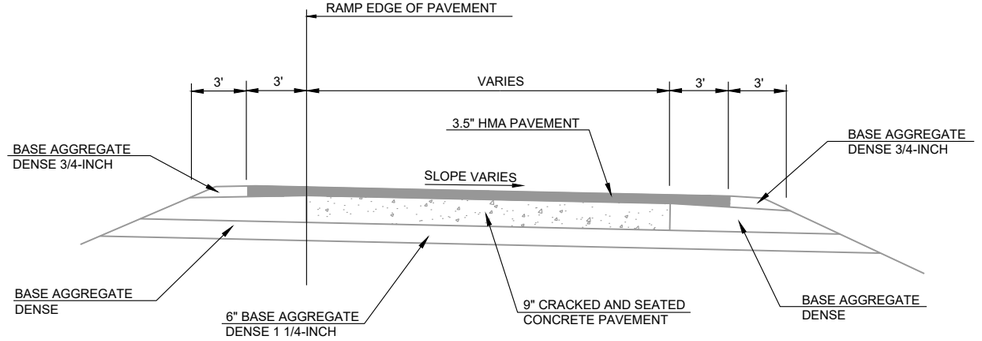
2



EXISTING TYPICAL SECTION FOR USH 51

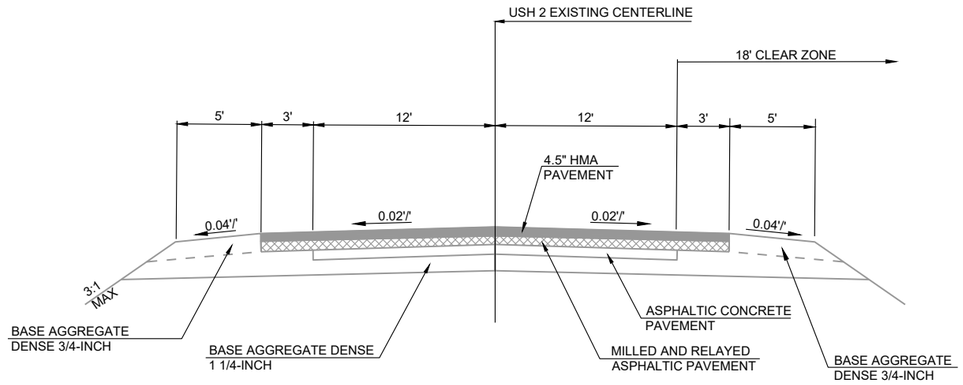


EXISTING TYPICAL SECTION FOR RAMPS



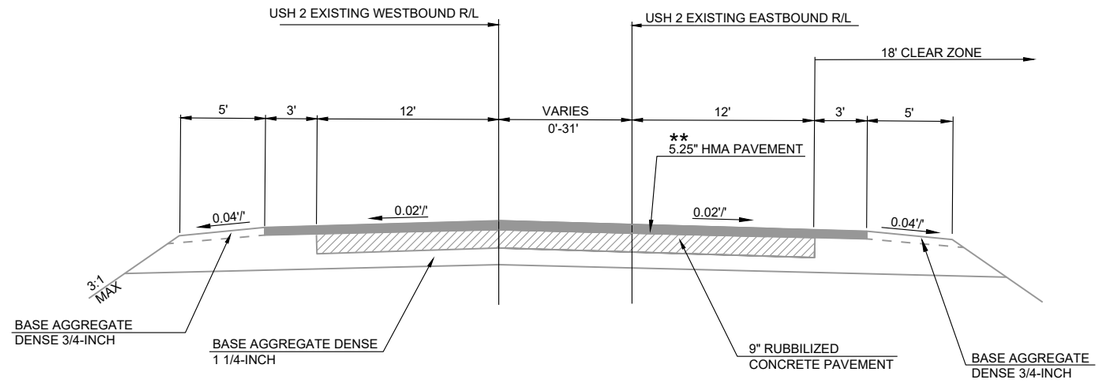
EXISTING SUPERELEVATED TYPICAL SECTION FOR RAMPS

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	TYPICAL SECTIONS	SHEET PRE_4 E



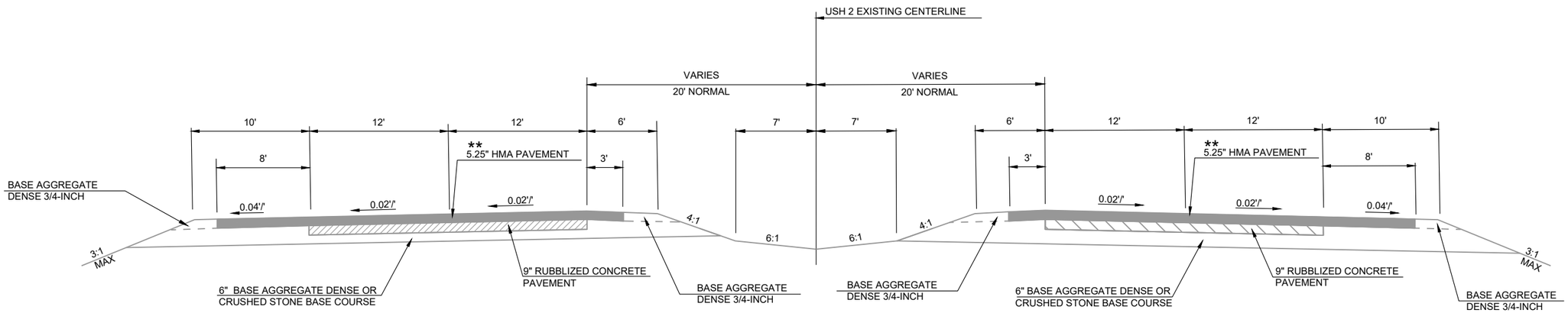
EXISTING TYPICAL SECTION FOR USH 2

STA. 165+47.75EB - STA. 175+18.99EB



EXISTING TYPICAL SECTION FOR USH 2

STA. 175+18.99EB - STA. 182+40.99EB

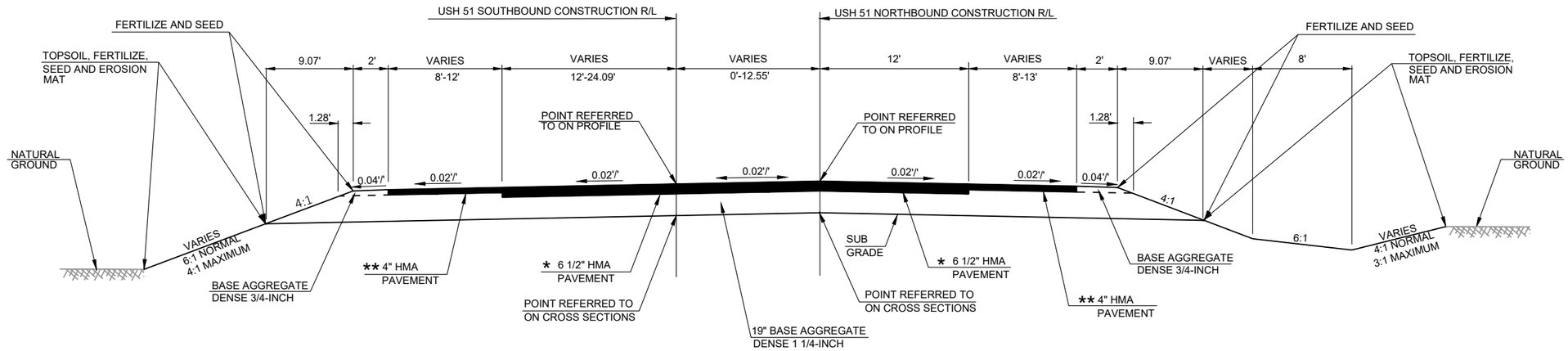


EXISTING TYPICAL SECTION FOR USH 2

STA. 182+40.99EB - STA. 231+60.95EB

** THESE PAVEMENT THICKNESSES ARE SHOULDER EDGE ON 2-LANE AND OUTER SHOULDER EDGE ON 4-LANE. THICKNESS VARIES FROM THERE TO COMPENSATE FOR EXISTING 0.015'/' CROWN OF EXISTING RUBBILIZED CONCRETE PAVEMENT.

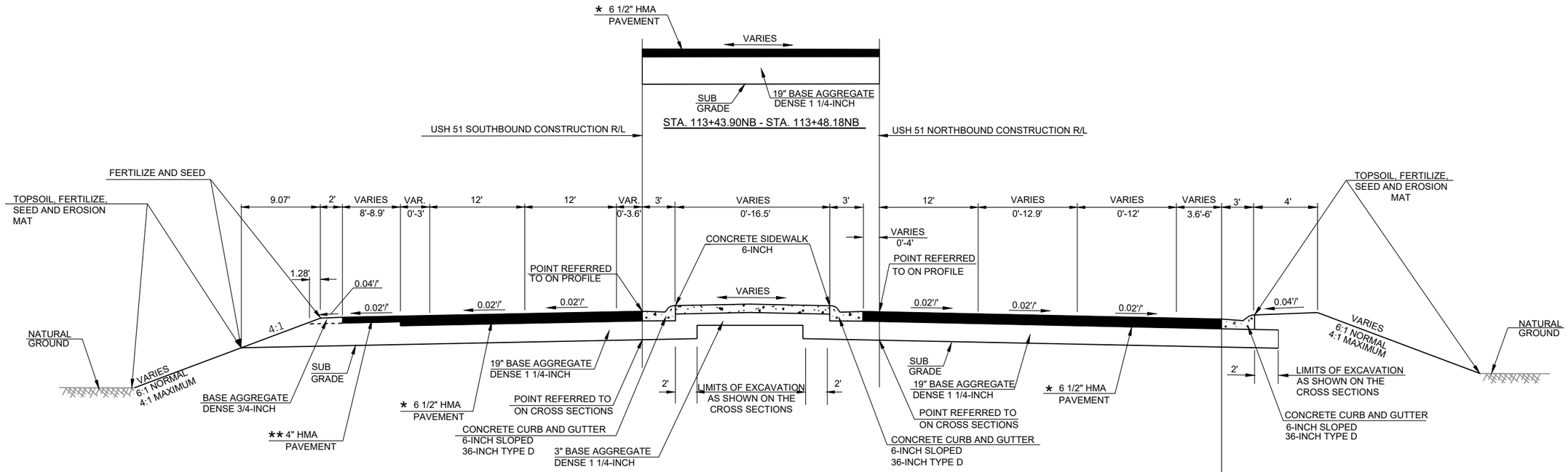
2



TYPICAL FINISHED SECTION FOR USH 51

STA. 108+36NB - STA. 113+43.90NB USH 51

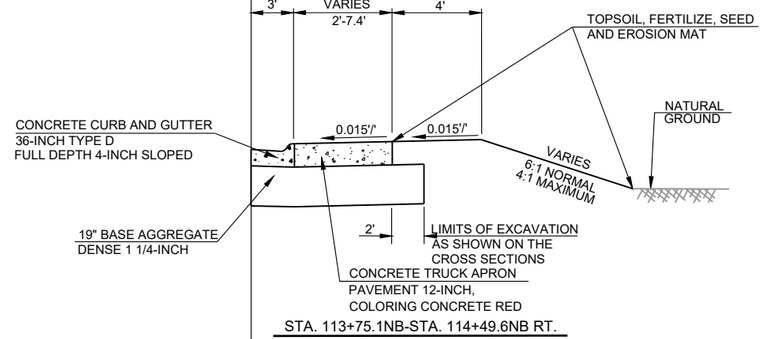
PAVEMENT LAYERS	
* 6 1/2" HMA PAVEMENT	1 3/4" (4 MT 58-34 V UPPER LAYER) 2 1/4" (3 MT 58-28 S LOWER LAYER) 2 1/2" (3 MT 58-28 S LOWER LAYER)
** 4" HMA PAVEMENT	1 3/4" (4 MT 58-34 V UPPER LAYER) 2 1/4" (3 MT 58-28 S LOWER LAYER)



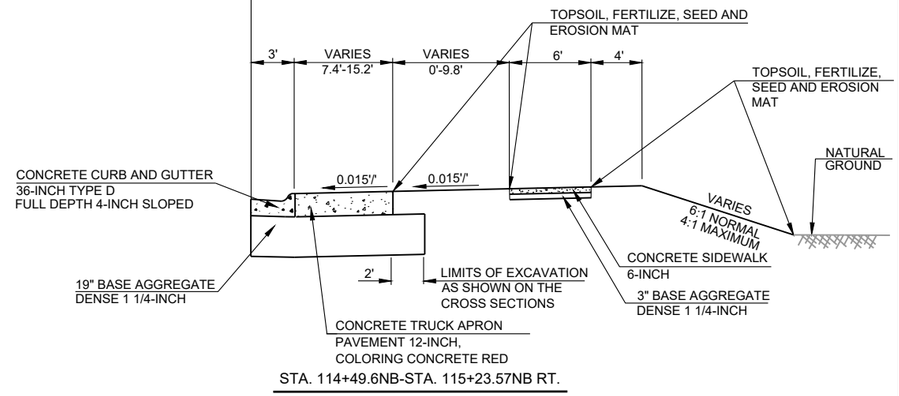
TYPICAL FINISHED SECTION FOR USH 51

STA. 113+43.90NB - STA. 115+23.57NB

PAVEMENT LAYERS	
* 6 1/2" HMA PAVEMENT	1 3/4" (4 MT 58-34 V UPPER LAYER) 2 1/4" (3 MT 58-28 S LOWER LAYER) 2 1/2" (3 MT 58-28 S LOWER LAYER)
** 4" HMA PAVEMENT	1 3/4" (4 MT 58-34 V UPPER LAYER) 2 1/4" (3 MT 58-28 S LOWER LAYER)



STA. 113+75.1NB-STA. 114+49.6NB RT.

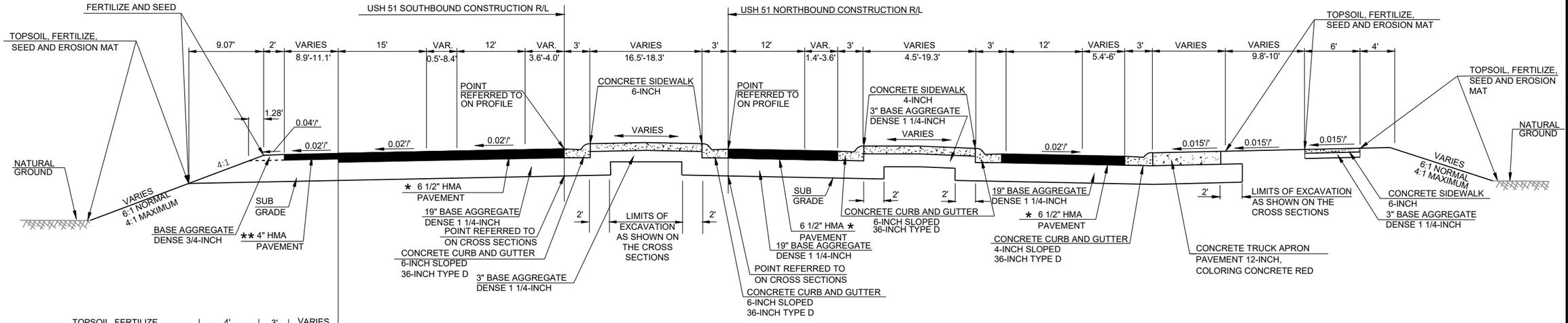


STA. 114+49.6NB-STA. 115+23.57NB RT.

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	TYPICAL SECTIONS	SHEET PRE_7 E

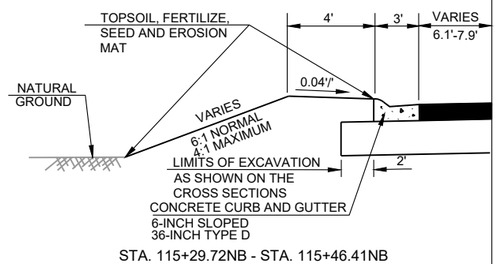
FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\020304-TS.DWG
LAYOUT NAME - 020304-ts

PLOT DATE : 8/31/2020 10:16 AM PLOT BY : AYRES PLOT NAME : PLOT SCALE : 1 IN:200 FT

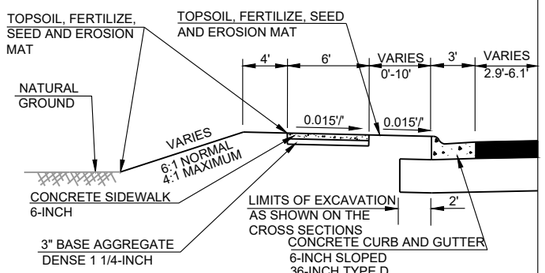


TYPICAL FINISHED SECTION FOR USH 51

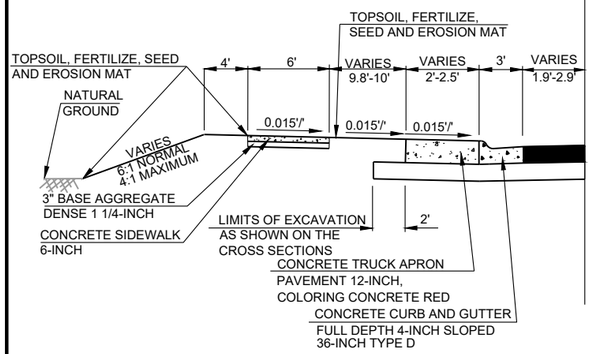
STA. 115+23.57NB-STA. 115+85.82NB



STA. 115+29.72NB - STA. 115+46.41NB

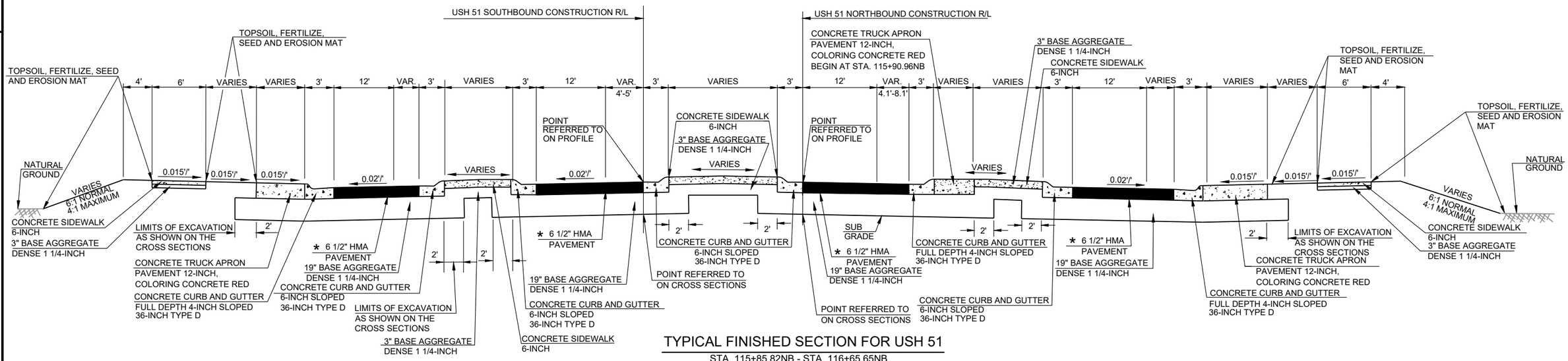


STA. 115+46.41NB - STA. 115+75.16NB



STA. 115+75.16NB - STA. 115+85.82NB

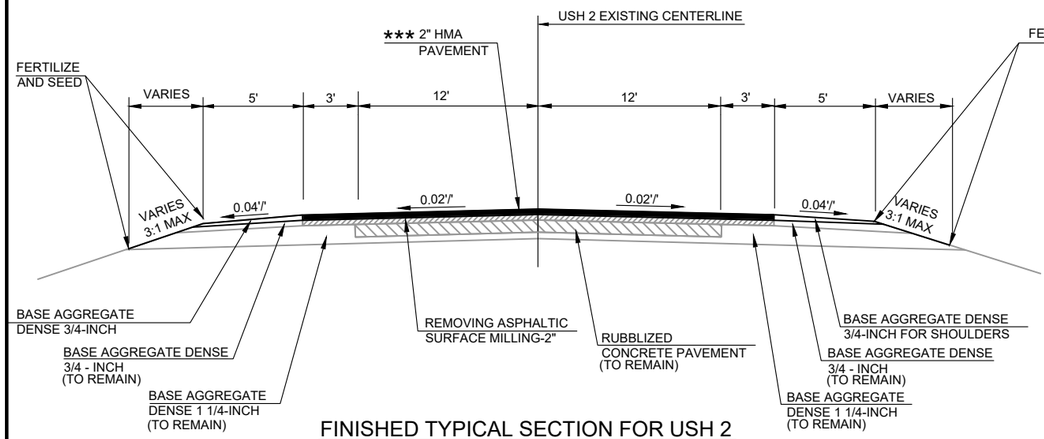
PAVEMENT LAYERS	
* 6 1/2" HMA PAVEMENT	1 3/4" (4 MT 58-34 V UPPER LAYER) 2 1/4" (3 MT 58-28 S LOWER LAYER) 2 1/2" (3 MT 58-28 S LOWER LAYER)
** 4" HMA PAVEMENT	1 3/4" (4 MT 58-34 V UPPER LAYER) 2 1/4" (3 MT 58-28 S LOWER LAYER)



TYPICAL FINISHED SECTION FOR USH 51

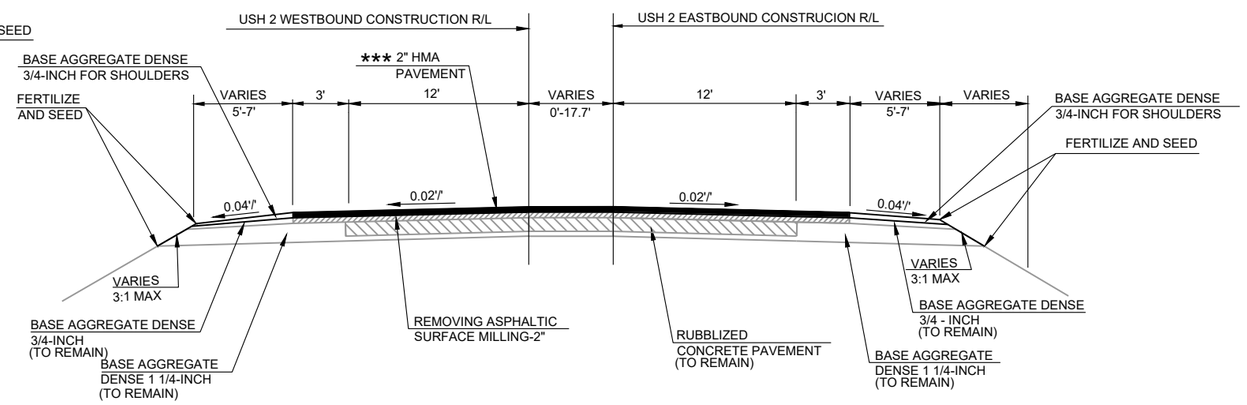
STA. 115+85.82NB - STA. 116+65.65NB

PAVEMENT LAYERS	
* 6 1/2" HMA PAVEMENT	1 3/4" (4 MT 58-34 V UPPER LAYER) 2 1/4" (3 MT 58-28 S LOWER LAYER) 2 1/2" (3 MT 58-28 S LOWER LAYER)
*** 2" HMA PAVEMENT	2" (4 MT 58-34 V)



FINISHED TYPICAL SECTION FOR USH 2

STA. 165+47.75EB - STA. 175+18.99EB

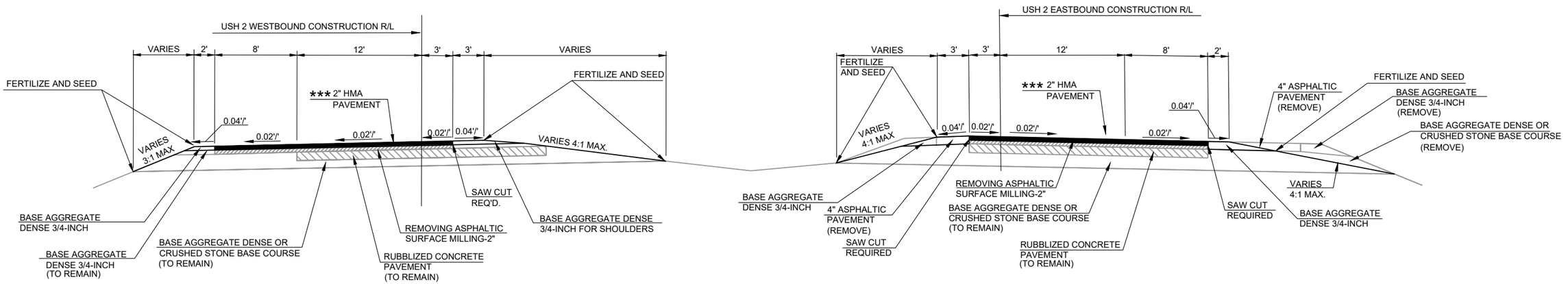


FINISHED TYPICAL SECTION FOR USH 2

STA. 175+18.99EB - STA. 180+31.15EB

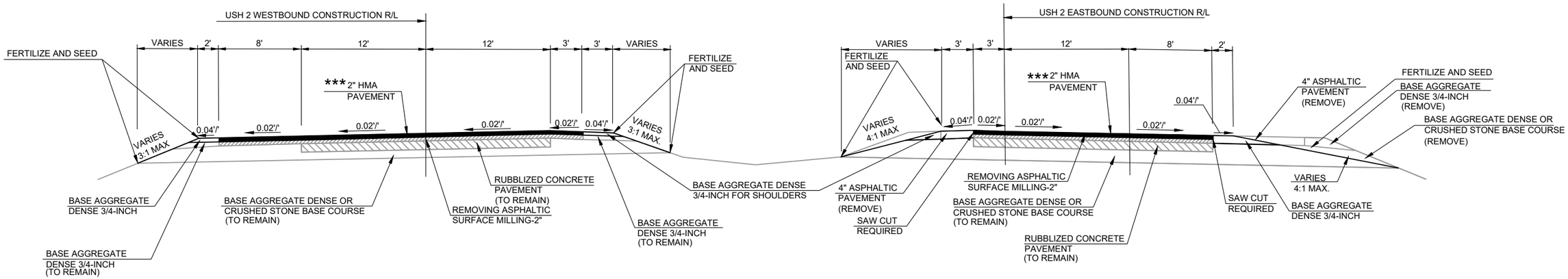
PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	TYPICAL SECTIONS	SHEET PRE_9 E

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\020306-TS.DWG
LAYOUT NAME - 020306-ts
PLOT DATE : 8/31/2020 10:16 AM PLOT BY : AYRES PLOT NAME : PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 42



FINISHED TYPICAL SECTION FOR USH 2

STA. 180+31.5EB - STA. 205+35.3EB

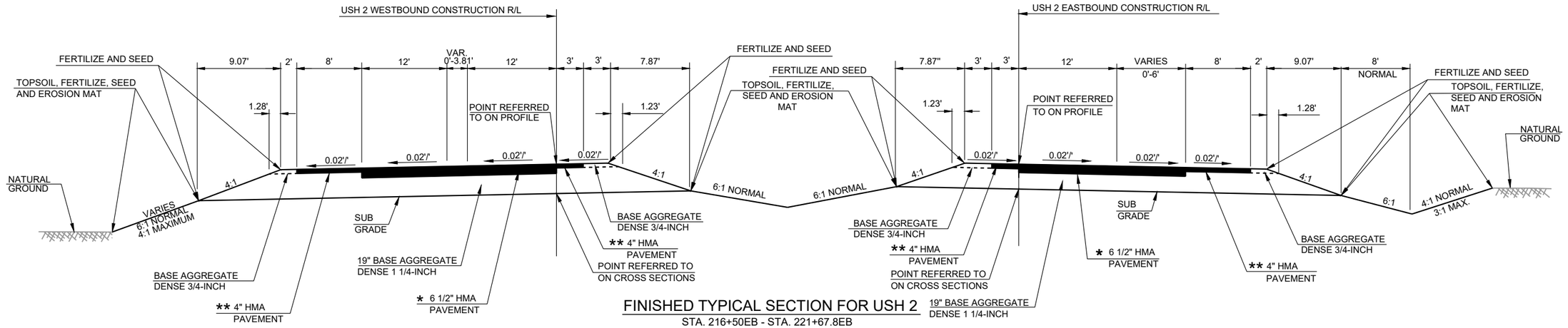


FINISHED TYPICAL SECTION FOR USH 2

STA. 205+35.3EB - STA. 216+50EB

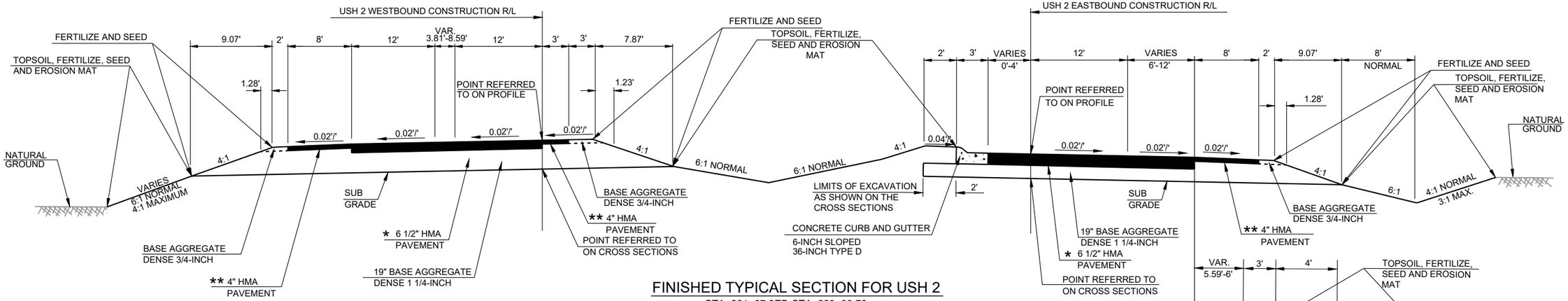
PAVEMENT LAYERS	
*** 2" HMA PAVEMENT	2" (4 MT 58-34 V)

2



FINISHED TYPICAL SECTION FOR USH 2

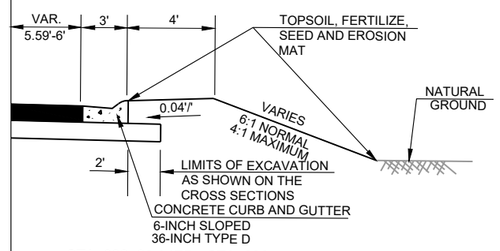
STA. 216+50EB - STA. 221+67.8EB



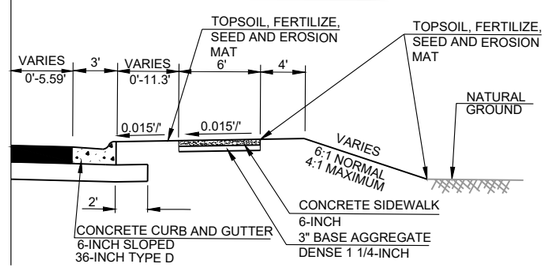
FINISHED TYPICAL SECTION FOR USH 2

STA. 221+67.8EB-STA. 223+09.70

PAVEMENT LAYERS	
* 6 1/2" HMA PAVEMENT	1 3/4" (4 MT 58-34 V UPPER LAYER) 2 1/4" (3 MT 58-28 S LOWER LAYER) 2 1/2" (3 MT 58-28 S LOWER LAYER)
** 4" HMA PAVEMENT	1 3/4" (4 MT 58-34 V UPPER LAYER) 2 1/4" (3 MT 58-28 S LOWER LAYER)



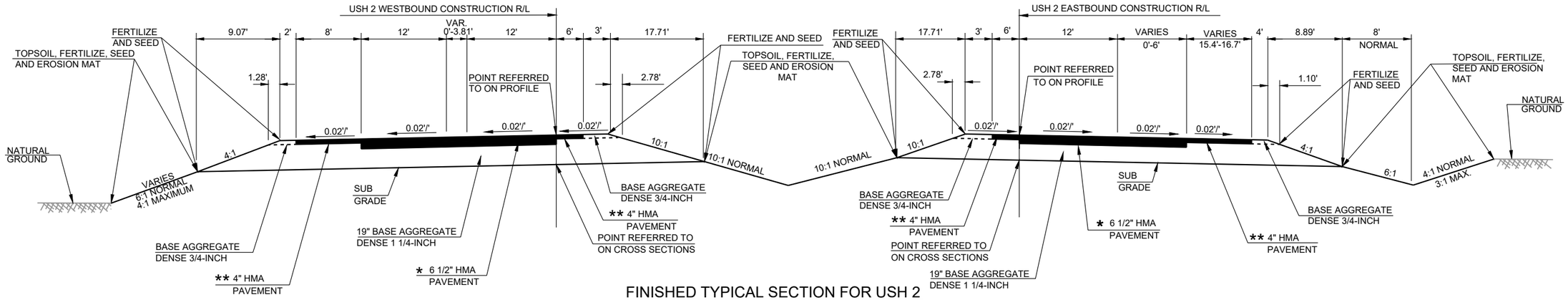
STA. 222+32.04EB - STA. 222+71.20EB USH 2



STA. 222+71.20EB-STA. 223+09.70 USH 2

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	TYPICAL SECTIONS	SHEET E

PRE_11

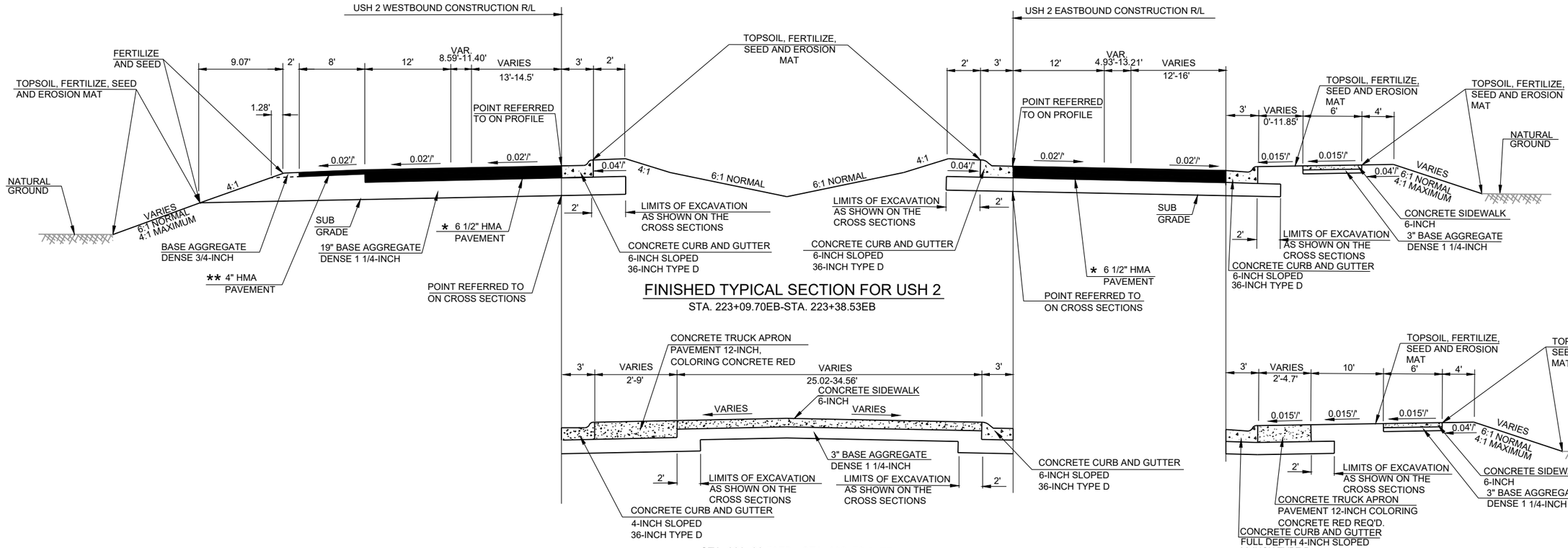


FINISHED TYPICAL SECTION FOR USH 2

STA. 230+42.69EB - STA. 231+60.95EB

PAVEMENT LAYERS	
* 6 1/2" HMA PAVEMENT	1 3/4" (4 MT 58-34 V UPPER LAYER) 2 1/4" (3 MT 58-28 S LOWER LAYER) 2 1/2" (3 MT 58-28 S LOWER LAYER)
** 4" HMA PAVEMENT	1 3/4" (4 MT 58-34 V UPPER LAYER) 2 1/4" (3 MT 58-28 S LOWER LAYER)

2



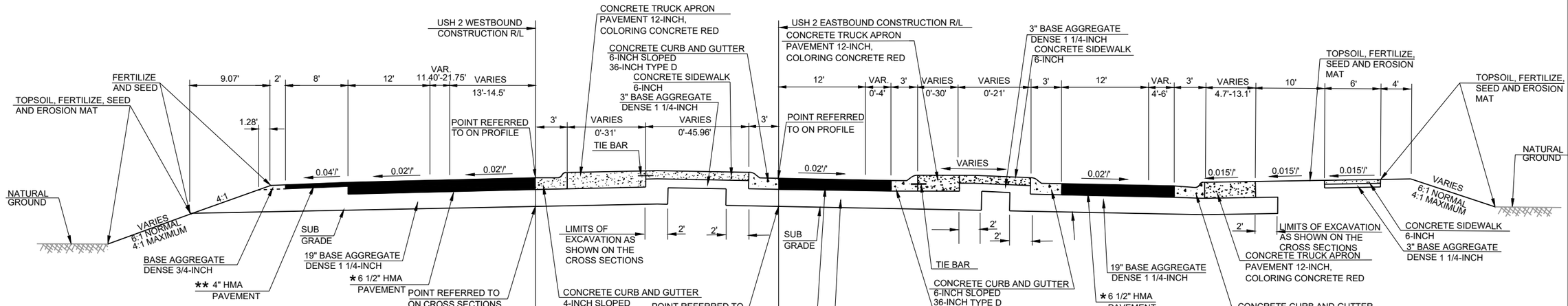
PAVEMENT LAYERS	
* 6 1/2" HMA PAVEMENT	1 3/4" (4 MT 58-34 V UPPER LAYER) 2 1/4" (3 MT 58-28 S LOWER LAYER) 2 1/2" (3 MT 58-28 S LOWER LAYER)
** 4" HMA PAVEMENT	1 3/4" (4 MT 58-34 V UPPER LAYER) 2 1/4" (3 MT 58-28 S LOWER LAYER)

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	TYPICAL SECTIONS	SHEET E

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\020310-TS.DWG
LAYOUT NAME - 020310-ts
PLOT DATE : 8/31/2020 10:16 AM PLOT BY : AYRES PLOT NAME : PLOT SCALE : 1 IN:200 FT

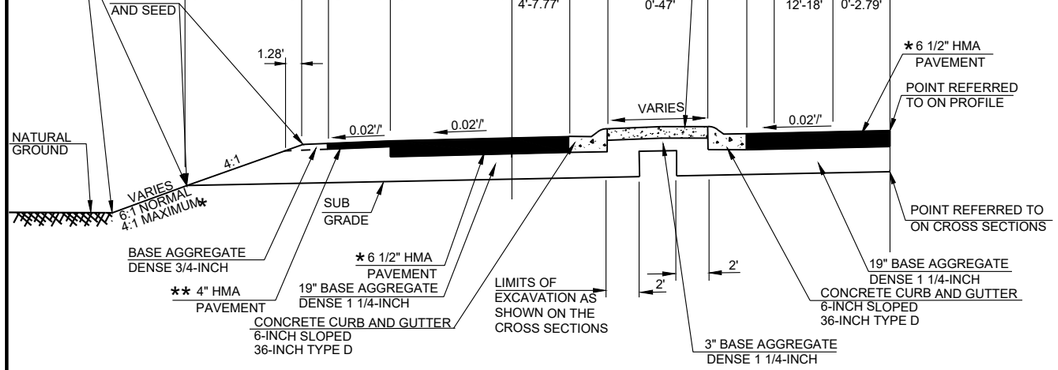
PRE_13

2

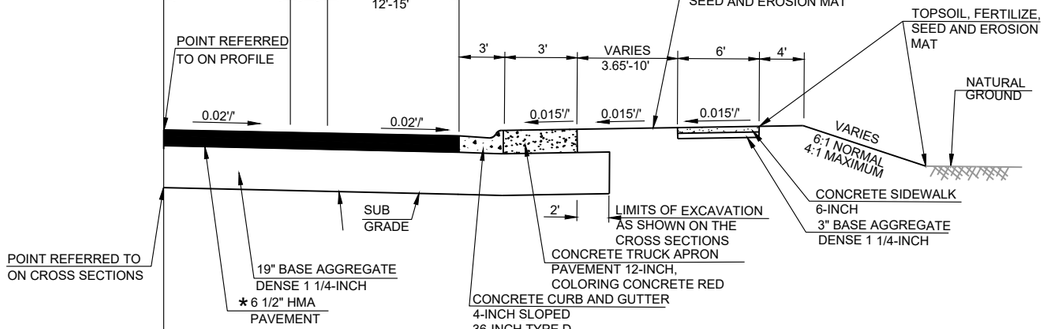


FINISHED TYPICAL SECTION FOR USH 2

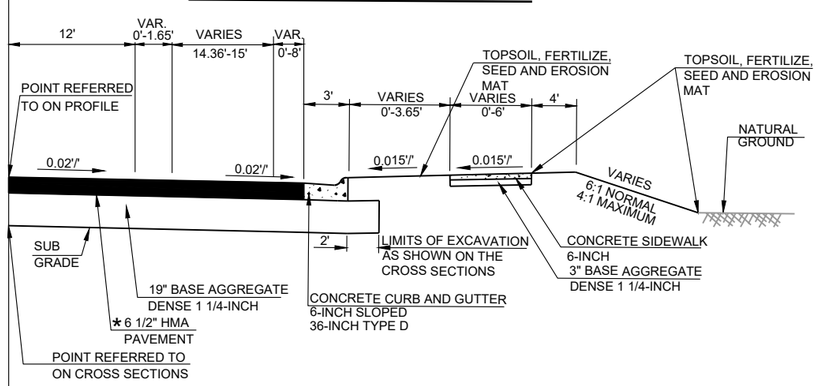
STA. 223+73.21EB-STA. 225+13.03EB
STA. 226+73.03EB-STA. 229+14.91EB



STA. 224+19.86EB-STA. 225+13.03EB
STA. 226+73.03EB-STA. 228+69.41EB



STA. 227+60.26EB-STA. 228+71.85EB



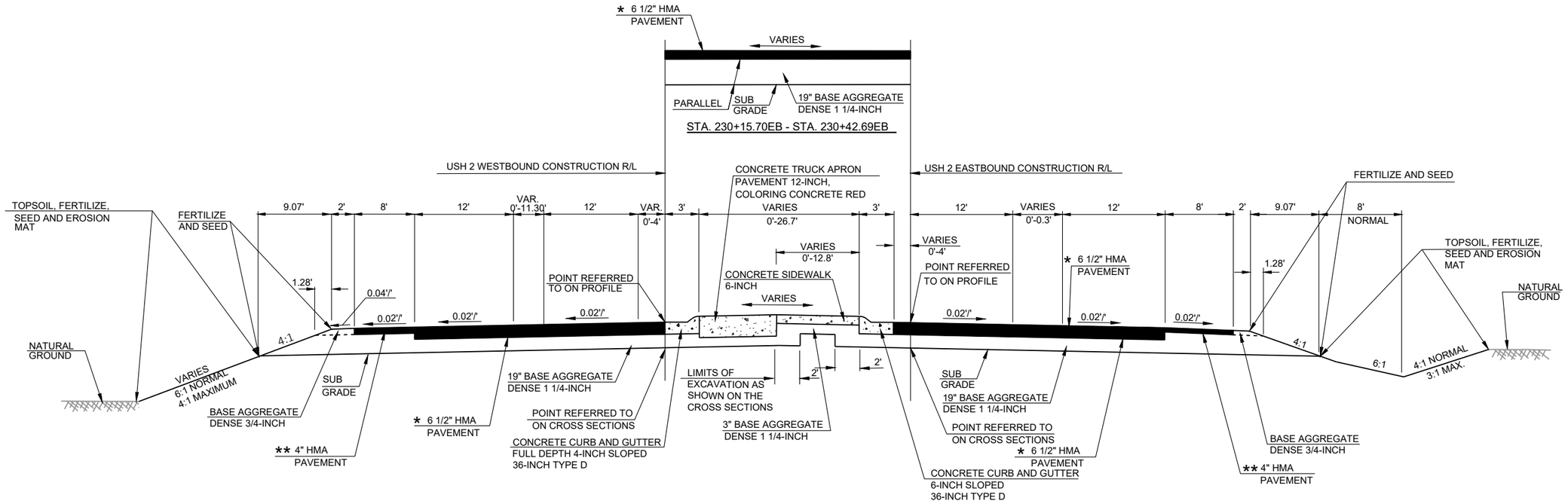
STA. 228+71.85EB-STA. 229+14.91EB

PAVEMENT LAYERS	
* 6 1/2" HMA PAVEMENT	1 3/4" (4 MT 58-34 V UPPER LAYER) 2 1/4" (3 MT 58-28 S LOWER LAYER) 2 1/2" (3 MT 58-28 S LOWER LAYER)
** 4" HMA PAVEMENT	1 3/4" (4 MT 58-34 V UPPER LAYER) 2 1/4" (3 MT 58-28 S LOWER LAYER)

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	TYPICAL SECTIONS	SHEET E

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\020311-TS.DWG
LAYOUT NAME - 020311-ts
PLOT DATE : 8/31/2020 10:16 AM PLOT BY : AYRES PLOT NAME : PLOT SCALE : 1 IN:200 FT

PRE_14

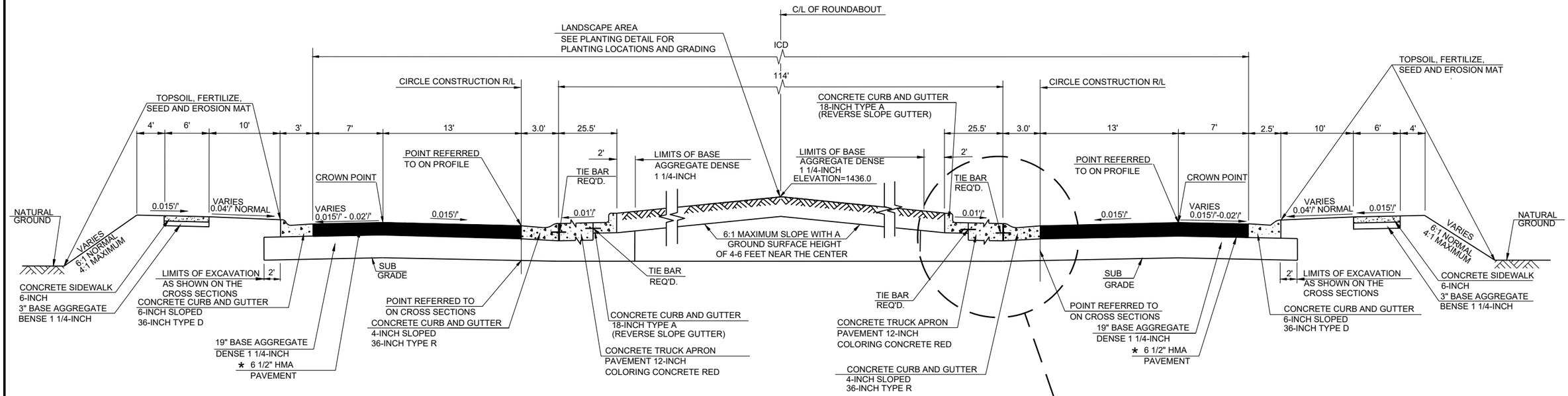


TYPICAL FINISHED SECTION FOR USH 2

STA. 229+14.91EB - STA. 230+42.69EB

PAVEMENT LAYERS	
* 6 1/2" HMA PAVEMENT	1 3/4" (4 MT 58-34 V UPPER LAYER) 2 1/4" (3 MT 58-28 S LOWER LAYER) 2 1/2" (3 MT 58-28 S LOWER LAYER)
** 4" HMA PAVEMENT	1 3/4" (4 MT 58-34 V UPPER LAYER) 2 1/4" (3 MT 58-28 S LOWER LAYER)

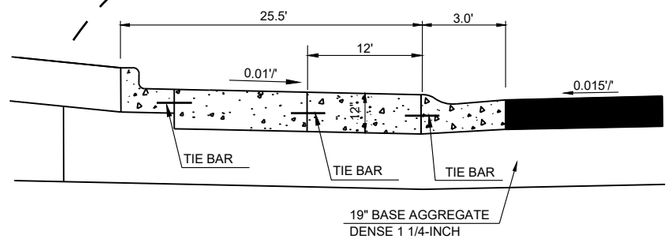
2



TYPICAL FINISHED SECTION FOR USH 51/USH 2

ROUNDABOUT DETAIL

PAVEMENT LAYERS	
* 6 1/2" HMA PAVEMENT	1 3/4" (4 MT 58-34 V UPPER LAYER) 2 1/4" (3 MT 58-28 S LOWER LAYER) 2 1/2" (3 MT 58-28 S LOWER LAYER)



TRUCK APRON (TYPICAL)

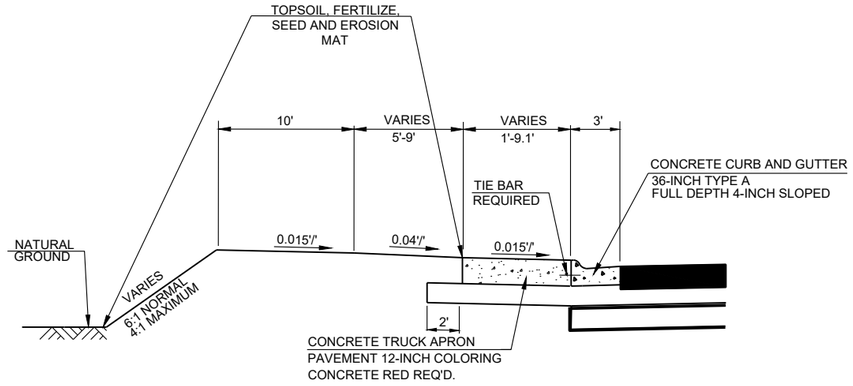
PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	TYPICAL SECTIONS	SHEET E

PRE_16

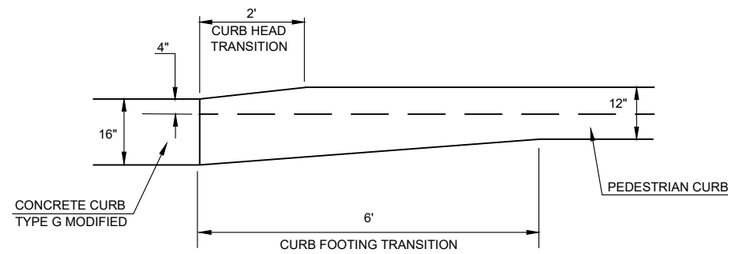
FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\020313-TS.DWG
LAYOUT NAME - 020313-ts

PLOT DATE : 8/31/2020 10:17 AM PLOT BY : AYRES PLOT NAME : PLOT SCALE : 1 IN:200 FT

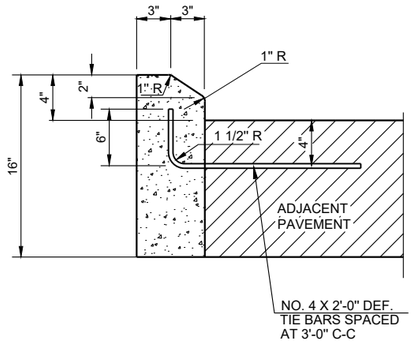
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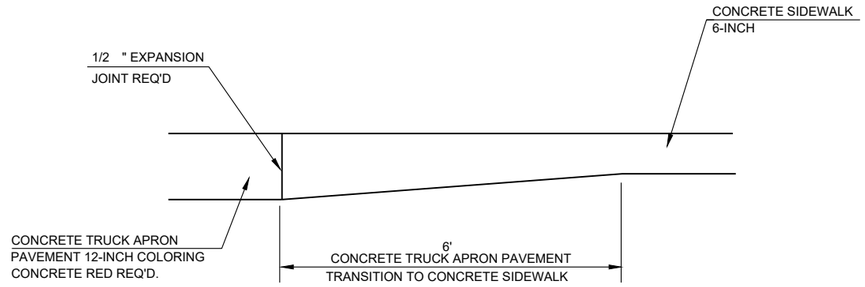
TYPICAL SECTION AT OUTSIDE TRUCK APRON



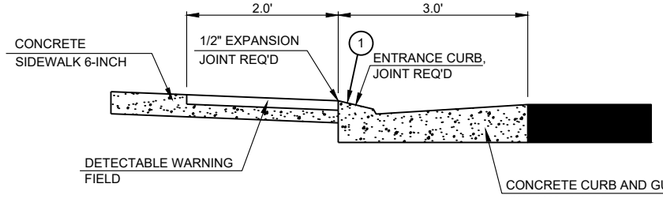
DETAIL FOR PEDESTRIAN CURB TRANSITION



CONCRETE CURB, TYPE G MODIFIED

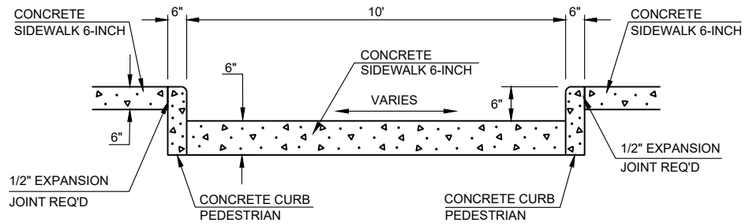


DETAIL FOR CONCRETE TRUCK APRON PAVEMENT TRANSITION TO CONCRETE SIDEWALK

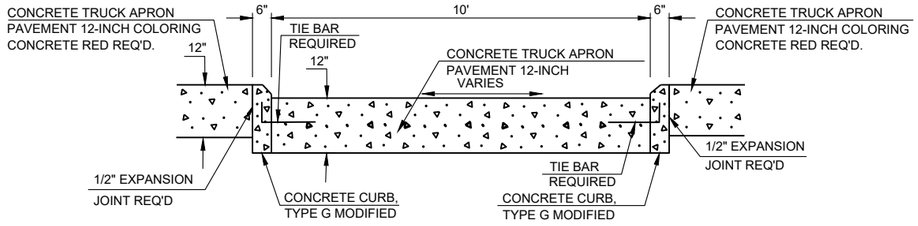


SECTION A-A

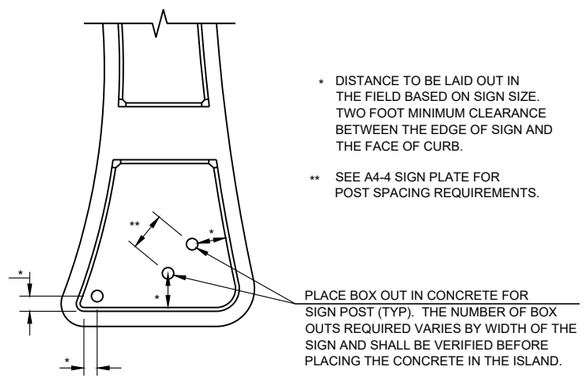
1 NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN 1/4-INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5%.



SECTION B-B



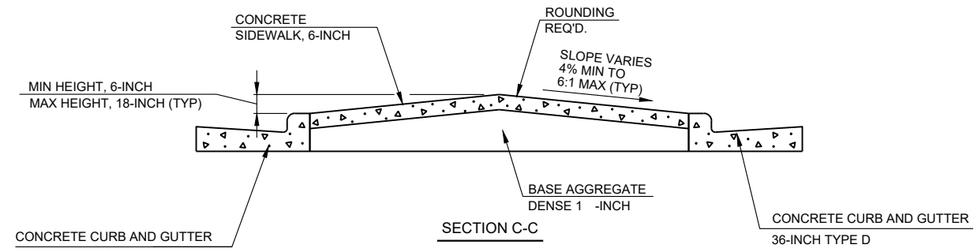
SECTION B-B
AT TRUCK APRON LOCATIONS



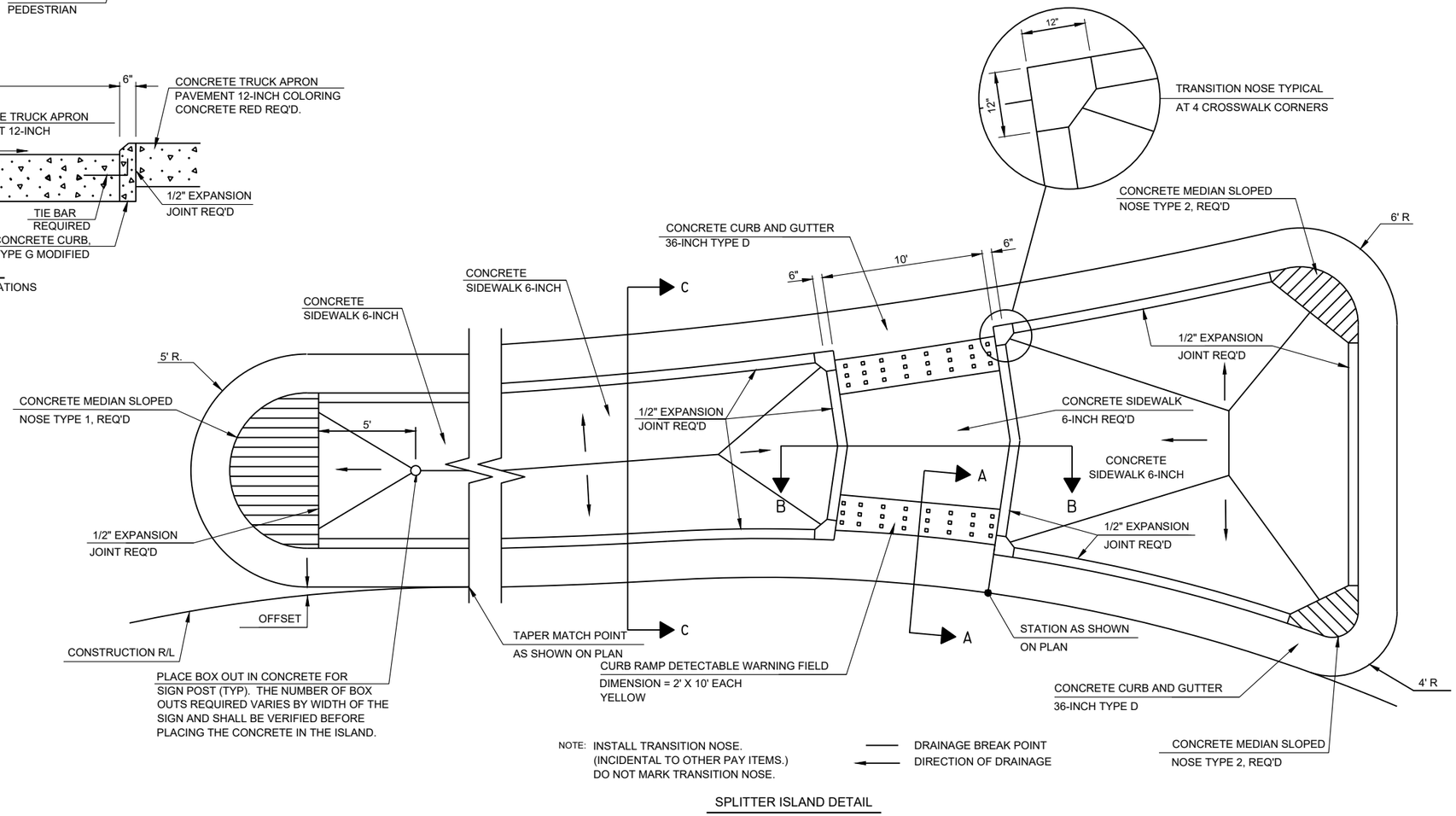
* DISTANCE TO BE LAID OUT IN THE FIELD BASED ON SIGN SIZE. TWO FOOT MINIMUM CLEARANCE BETWEEN THE EDGE OF SIGN AND THE FACE OF CURB.

** SEE A4-4 SIGN PLATE FOR POST SPACING REQUIREMENTS.

ISLAND SIGN LOCATION DETAIL (TYP)



SECTION C-C



NOTE: INSTALL TRANSITION NOSE. (INCIDENTAL TO OTHER PAY ITEMS.) DO NOT MARK TRANSITION NOSE.

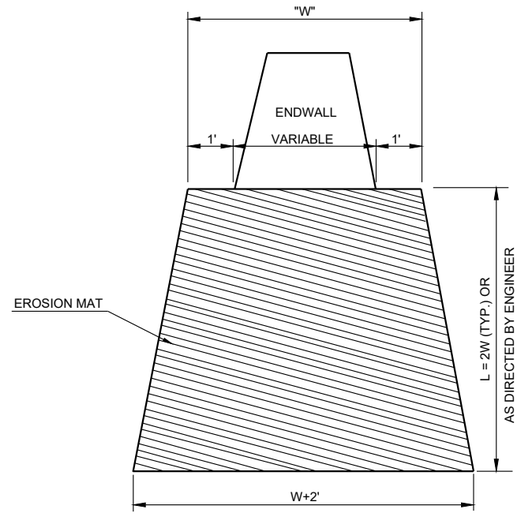
DRAINAGE BREAK POINT

DIRECTION OF DRAINAGE

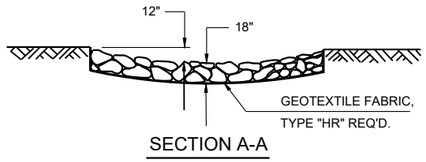
SPLITTER ISLAND DETAIL

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CONSTRUCTION DETAILS	SHEET PRE_18 E

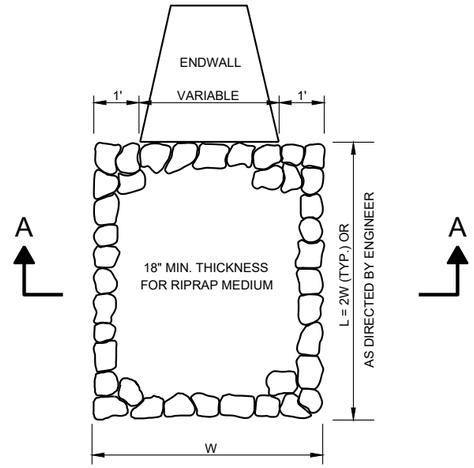
2



EROSION MAT TREATMENT AT CULVERTS

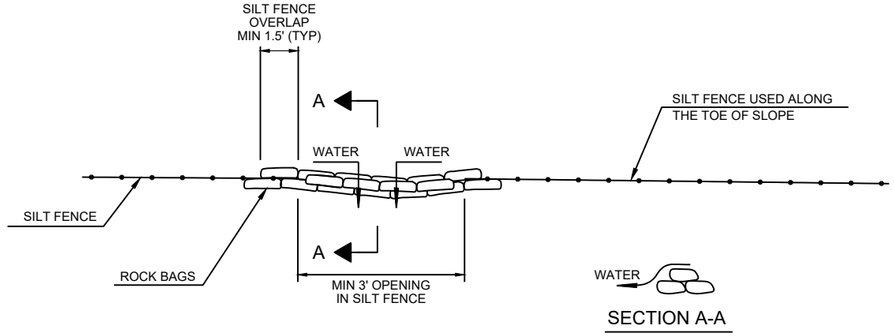


SECTION A-A



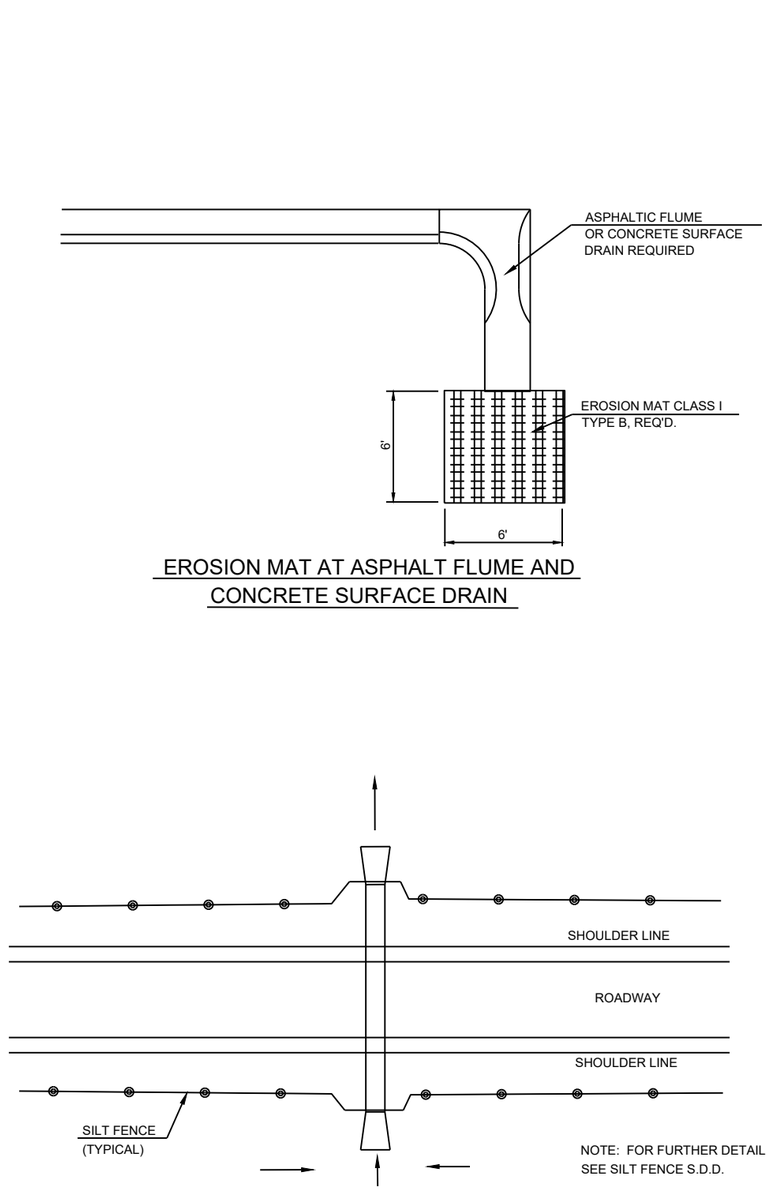
RIPRAP MEDIUM TREATMENT AT CULVERTS

EROSION MAT AT ASPHALT FLUME AND CONCRETE SURFACE DRAIN

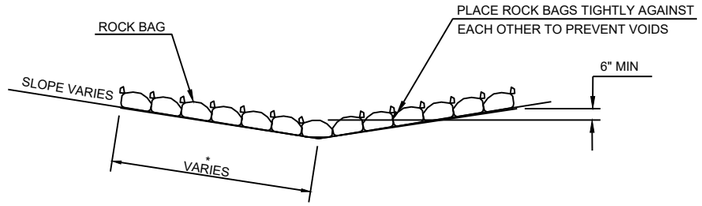


ROCK BAGS USED FOR SILT FENCE RELIEF DETAIL

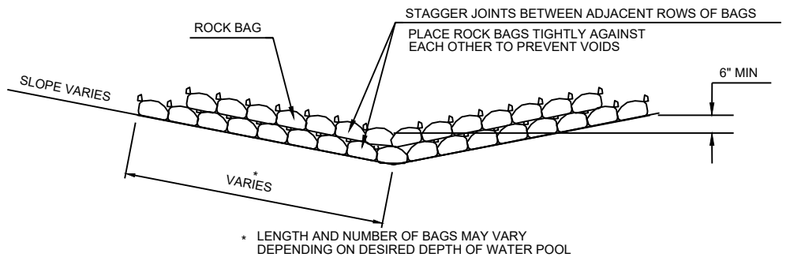
PAID AS ROCK BAGS



TYPICAL SILT FENCE DETAIL AT CROSS DRAIN PIPES



SIDE VIEW (SINGLE LAYER)



* LENGTH AND NUMBER OF BAGS MAY VARY DEPENDING ON DESIRED DEPTH OF WATER POOL

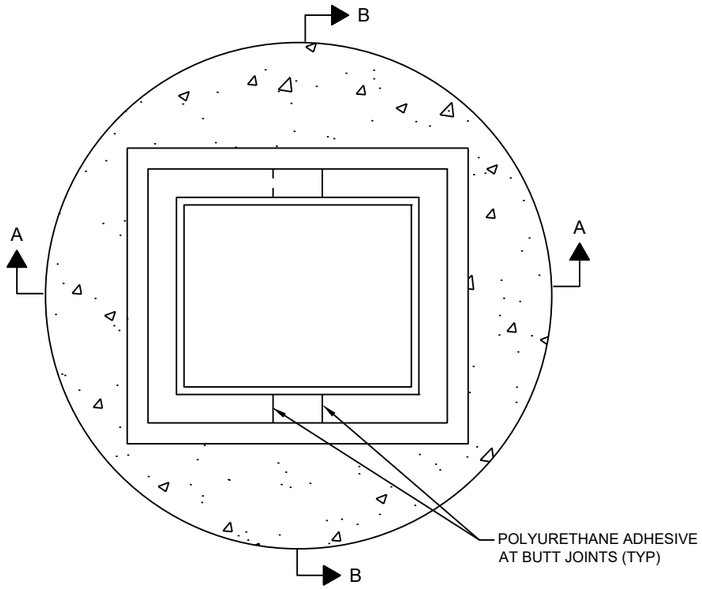
SIDE VIEW (MULTIPLE LAYER)

ROCK BAGS DITCH CHECK

PAID AS ROCK BAGS

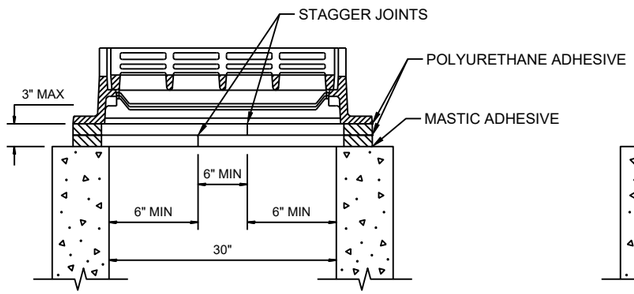
(SEE MISCELLANEOUS QUANTITIES FOR LOCATIONS)

2

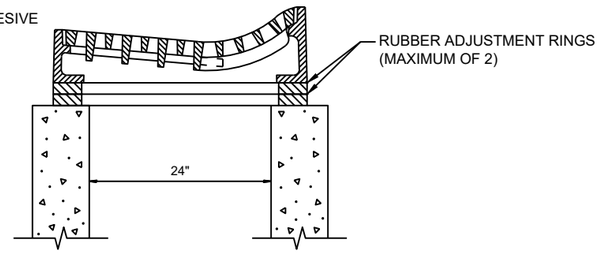


PLAN VIEW

NOTE: ALL CUTS MADE TO RUBBER ADJUSTMENT RINGS WILL BE PERPENDICULAR AND PROVIDE A TIGHT JOINT.



SECTION A-A



SECTION B-B

RUBBER RING CUTTING DETAIL FOR CATCH BASINS WITH TYPE "T" CASTINGS

2

LEGEND

CONCRETE TRUCK APRON PAVEMENT 12-INCH COLORING CONCRETE RED

CONCRETE CURB AND GUTTER 36-INCH TYPE A FULL DEPTH 4-INCH SLOPED

XXXX XXXX SAW CUT

TREE TO BE REMOVED

LIMITS OF ASPHALT PAVEMENT

OBLITERATING OLD ROAD

N

EXISTING R/W

CENTURY LINK

BURIED ELECTRIC LINE (APPROXIMATE LOCATION)

SEE PLAN DETAIL FOR DRIVEWAY CONSTRUCTION

XCEL ENERGY

SLOPE INTERCEPTS

CP#2

18"CMCP (TO REMAIN)

105NB USH 51 106NB 107NB 108NB 109NB 110NB 111

2' 8' 12' 12' 8' 2'

CONSTRUCTION LIMITS
ST. 107+15NB

BEGIN PROJECT
STA. 108+36NB

SLOPE INTERCEPTS

MATCHLINE STA. 111+00NB

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PLAN DETAILS	SHEET E

PRE_22

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - 021201-pd

PLOT DATE : 8/31/2020 10:17 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

N

EXISTING R/W

XCEL ENERGY

CENTURY LINK

SLOPE INTERCEPTS

CONCRETE CURB AND GUTTER
6-INCH SLOPED
36-INCH TYPE D REQ'D.

CONCRETE SIDEWALK
6-INCH REQ'D.

MATCHLINE STA. 111+00NB

NB

USH 51

112SB

112NB

113SB

113NB

114SB

114NB

115SB

115NB

116SB

2'

8'

12'

14'

15'

18'

SLOPE INTERCEPTS

CONCRETE CURB AND GUTTER
6-INCH SLOPED
36-INCH TYPE D REQ'D.

XCEL ENERGY

CONCRETE SIDEWALK
6-INCH REQ'D.

CENTURY LINK

CONCRETE CURB AND GUTTER
6-INCH SLOPED
36-INCH TYPE D REQ'D.

CONCRETE SIDEWALK
6-INCH REQ'D.

MATCHLINE STA. 116+00NB

LEGEND

- CONCRETE TRUCK APRON PAVEMENT 12-INCH COLORING CONCRETE RED
- CONCRETE CURB AND GUTTER 36-INCH TYPE A FULL DEPTH 4-INCH SLOPED
- XXXX XXXX SAW CUT
- X TREE TO BE REMOVED
- LIMITS OF ASPHALT PAVEMENT
- OBLITERATING OLD ROAD

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PLAN DETAILS	SHEET E

PRE_23

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\021202-PD.DWG
LAYOUT NAME - 021202-pd

PLOT DATE : 8/31/2020 10:18 AM PLOT BY : AYRES PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

MERIT NETWORK

WETLAND W-5
RPE (D) WETLAND
709 SF
0.016 ACRES

SLOPE
INTERCEPTS

LIMIT OF
WETLANDS

EXISTING R/W

LIMIT OF
WETLANDS

CONCRETE CURB AND GUTTER
6-INCH SLOPED
36-INCH TYPE D REQ'D.

CP#3

CONCRETE CURB AND GUTTER
6-INCH SLOPED
36-INCH TYPE D REQ'D.

MATCHLINE STA. 223+00EB

MATCHLINE STA. 229+00EB

224WBT

225WBT

226WBT

227WBT

228WBT

224WB

225WB

228WB

USH 2

CONCRETE SIDEWALK
6-INCH REQ'D.

CONCRETE CURB AND
GUTTER 4-INCH SLOPED
36-INCH TYPE R REQ'D.

CONCRETE SIDEWALK
6-INCH REQ'D.

CONCRETE SIDEWALK
6-INCH REQ'D.

CONCRETE SIDEWALK
6-INCH REQ'D.

CONCRETE SIDEWALK
6-INCH REQ'D.

224EB

225EB

228EB

227WB

CONCRETE SIDEWALK
6-INCH REQ'D.

CONCRETE CURB AND
GUTTER REVERSE SLOPE
18-INCH TYPE A REQ'D.

CONCRETE SIDEWALK
6-INCH REQ'D.

CONCRETE SIDEWALK
6-INCH REQ'D.

CONCRETE SIDEWALK
6-INCH REQ'D.

CONCRETE SIDEWALK
6-INCH REQ'D.

CENTURY LINK

SLOPE
INTERCEPTS

CONCRETE CURB AND GUTTER
6-INCH SLOPED
36-INCH TYPE D REQ'D.

CONCRETE SIDEWALK
6-INCH REQ'D.

LIMIT OF
WETLANDS

CONCRETE SIDEWALK
6-INCH REQ'D.

USH 51

BNB

STA. 116+00NB

(REMOVE)
NGS MONUMENT
HURLBGPS

MATCHLINE

CONCRETE SIDEWALK
6-INCH REQ'D.

CONCRETE CURB AND GUTTER
6-INCH SLOPED
36-INCH TYPE D REQ'D.

CONCRETE SIDEWALK
6-INCH REQ'D.

CONCRETE CURB AND GUTTER
6-INCH SLOPED
36-INCH TYPE D REQ'D.

SLOPE
INTERCEPTS

LEGEND

- CONCRETE TRUCK APRON PAVEMENT 12-INCH COLORING CONCRETE RED
- CONCRETE CURB AND GUTTER 36-INCH TYPE A FULL DEPTH 4-INCH SLOPED
- XXXX XXXX SAW CUT
- TREE TO BE REMOVED
- LIMITS OF ASPHALT PAVEMENT
- OBLITERATING OLD ROAD

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PLAN DETAILS	SHEET E

PRE_24

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\021203-PD.DWG
LAYOUT NAME - 021203-pd

PLOT DATE : 8/31/2020 10:18 AM PLOT BY : AYRES PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

CONCRETE TRUCK APRON
PAVEMENT 12-INCH COLORING
CONCRETE RED

CONCRETE CURB AND GUTTER
36-INCH TYPE A
FULL DEPTH 4-INCH SLOPED

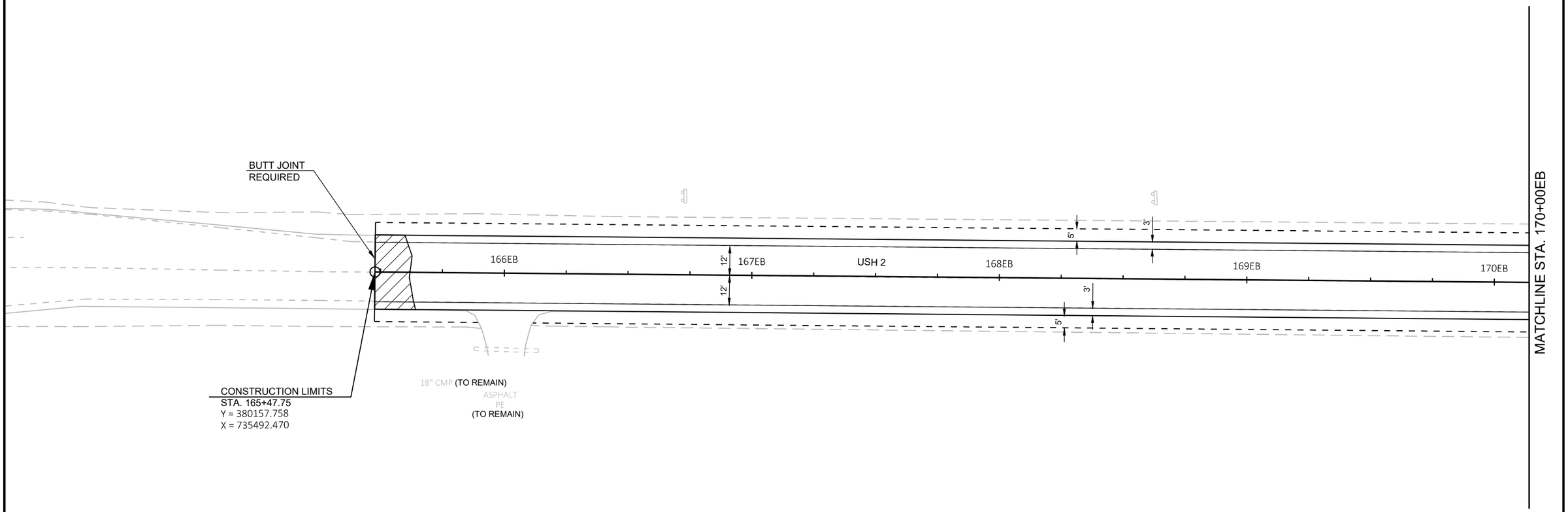
XXXX XXXX SAW CUT

TREE TO BE
REMOVED

LIMITS OF ASPHALT PAVEMENT

OBLITERATING OLD ROAD

N



PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PLAN DETAILS	SHEET E

PRE_25

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\021204-PD.DWG
LAYOUT NAME - 021204-pd

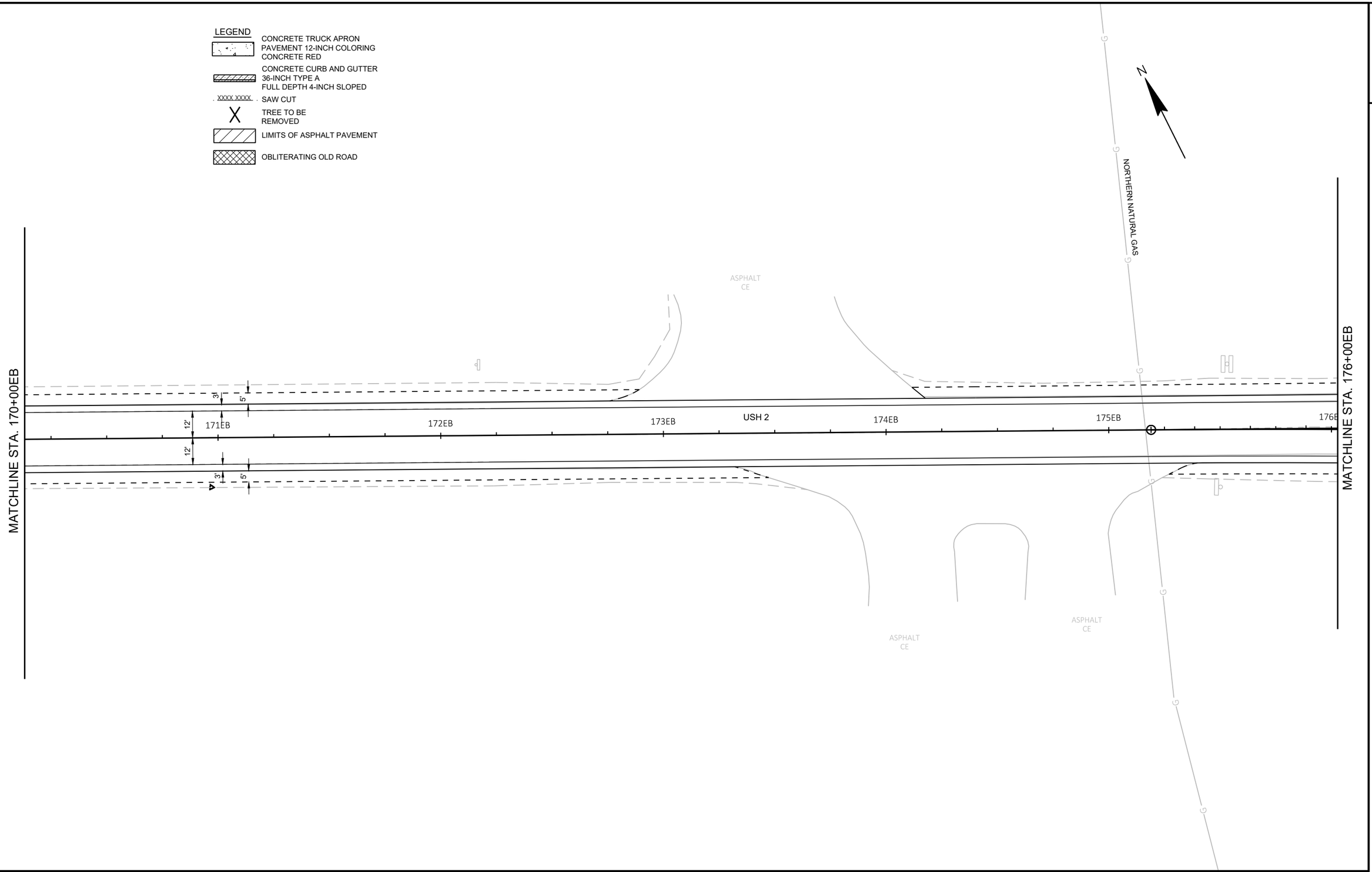
PLOT DATE : 9/2/2020 9:42 AM PLOT BY : AYRES PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- CONCRETE TRUCK APRON PAVEMENT 12-INCH COLORING CONCRETE RED
- CONCRETE CURB AND GUTTER 36-INCH TYPE A FULL DEPTH 4-INCH SLOPED
- XXXX XXXX SAW CUT
- TREE TO BE REMOVED
- LIMITS OF ASPHALT PAVEMENT
- OBLITERATING OLD ROAD



PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PLAN DETAILS	SHEET E

PRE_26

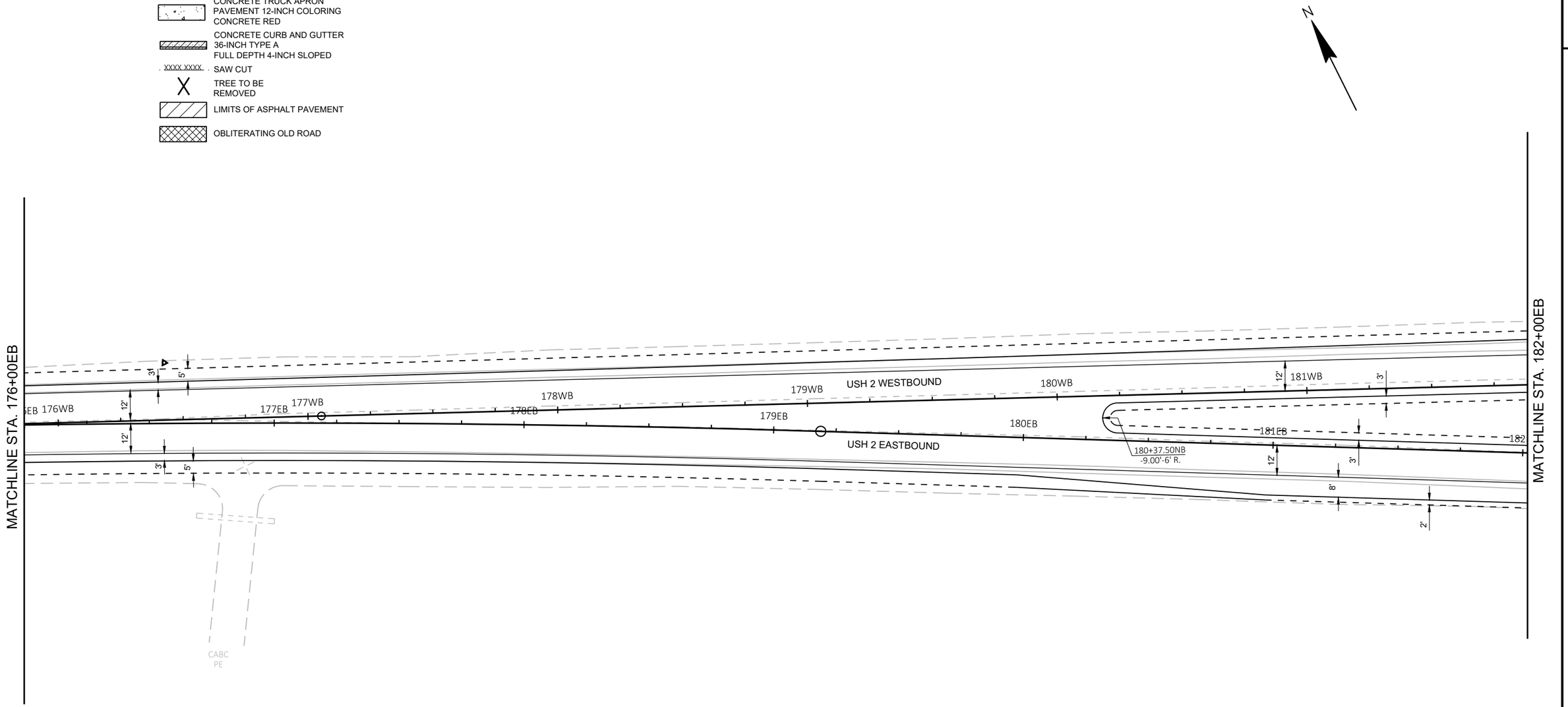
FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\021205-PD.DWG
LAYOUT NAME - 021205-pd

PLOT DATE : 8/31/2020 10:18 AM PLOT BY : AYRES PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

LEGEND

- CONCRETE TRUCK APRON PAVEMENT 12-INCH COLORING CONCRETE RED
- CONCRETE CURB AND GUTTER 36-INCH TYPE A FULL DEPTH 4-INCH SLOPED
- XXXX XXXX SAW CUT
- X TREE TO BE REMOVED
- LIMITS OF ASPHALT PAVEMENT
- OBLITERATING OLD ROAD



PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PLAN DETAILS	SHEET E

PRE_27

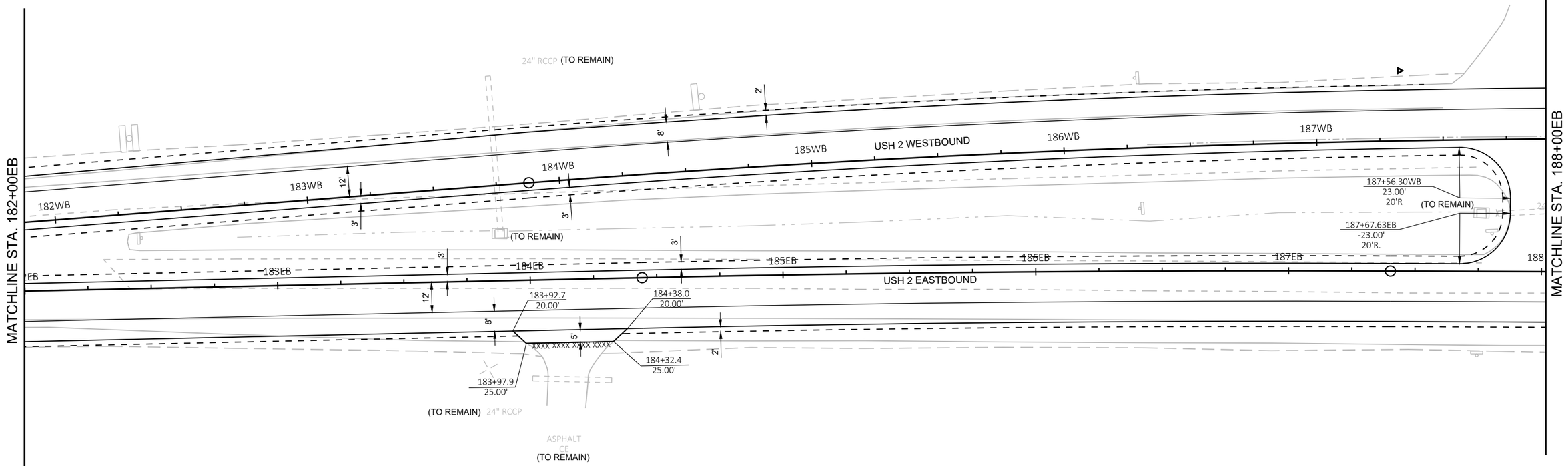
FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\021206-PD.DWG
LAYOUT NAME - 021206-pd

PLOT DATE : 8/31/2020 10:18 AM PLOT BY : AYRES PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- CONCRETE TRUCK APRON PAVEMENT 12-INCH COLORING CONCRETE RED
- CONCRETE CURB AND GUTTER 36-INCH TYPE A FULL DEPTH 4-INCH SLOPED
- XXXX XXXX SAW CUT
- TREE TO BE REMOVED
- LIMITS OF ASPHALT PAVEMENT
- OBLITERATING OLD ROAD



PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PLAN DETAILS	SHEET E

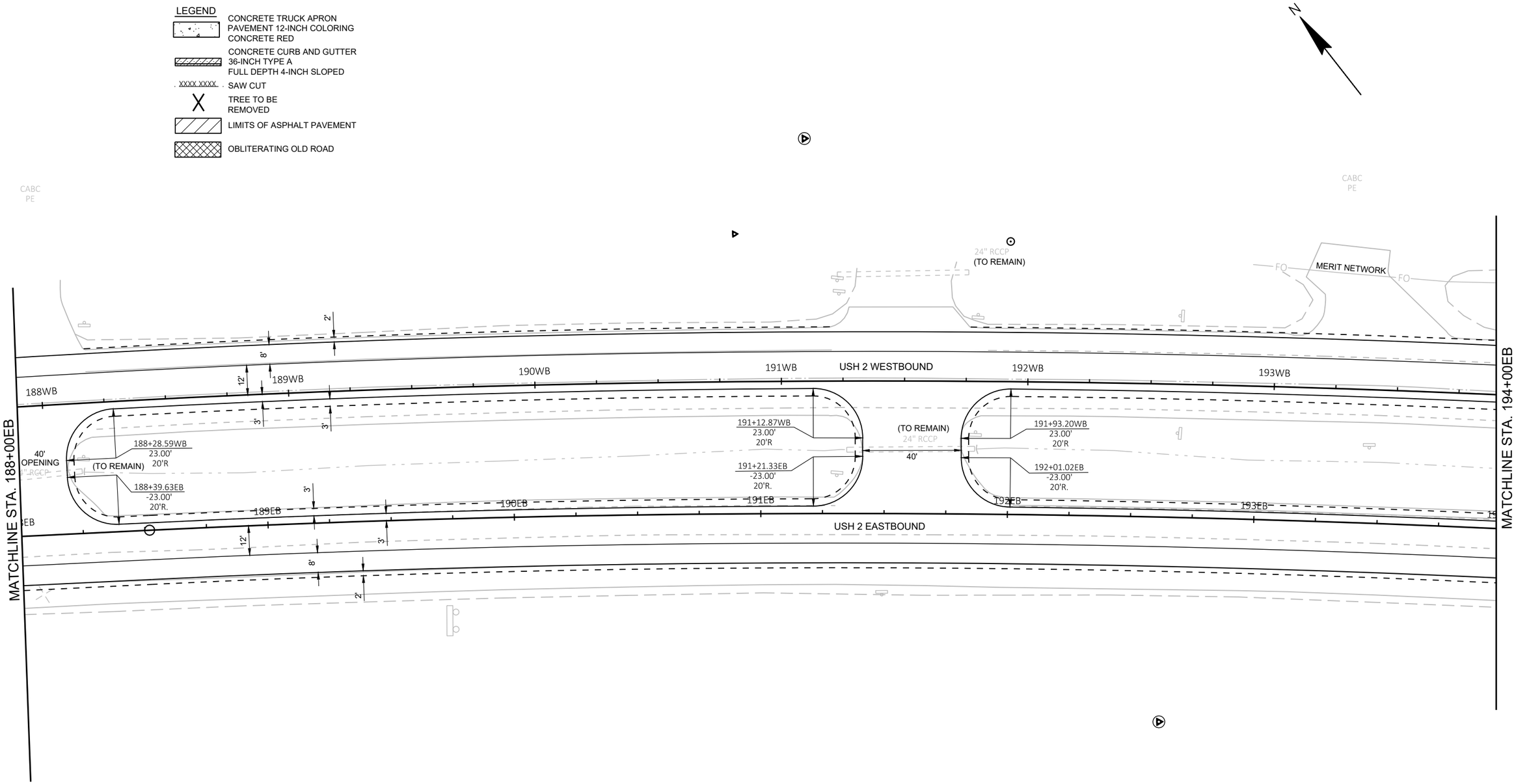
PRE_28

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\021207-PD.DWG
LAYOUT NAME - 021207-pd

PLOT DATE : 8/31/2020 10:19 AM PLOT BY : AYRES PLOT NAME : PLOT SCALE : 1 IN:40 FT

LEGEND

- CONCRETE TRUCK APRON PAVEMENT 12-INCH COLORING CONCRETE RED
- CONCRETE CURB AND GUTTER 36-INCH TYPE A FULL DEPTH 4-INCH SLOPED
- XXXX XXXX SAW CUT
- X TREE TO BE REMOVED
- LIMITS OF ASPHALT PAVEMENT
- OBLITERATING OLD ROAD



PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PLAN DETAILS	SHEET E

PRE_29

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\021208-PD.DWG
LAYOUT NAME - 021208-pd

PLOT DATE : 8/31/2020 10:19 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

LEGEND

CONCRETE TRUCK APRON PAVEMENT 12-INCH COLORING CONCRETE RED

CONCRETE CURB AND GUTTER 36-INCH TYPE A FULL DEPTH 4-INCH SLOPED

XXXX XXXX SAW CUT

TREE TO BE REMOVED

LIMITS OF ASPHALT PAVEMENT

OBLITERATING OLD ROAD

N

CENTER DR.

36"RCCP (TO REMAIN)

SLOPE INTERCEPTS

195+25.00WB
62.00'
40'R

195+16.17WB
62.00'
40'R

CENTURY LINK

MERIT NETWORK

USH 2 WESTBOUND

194WB 195WB 196WB 197WB 198WB 199WB

MATCHLINE STA. 194+00EB

MATCHLINE STA. 200+00EB

195+12.62WB
23.00'
20'R

195+17.35EB
23.00'
20'R

36'

195+88.92WB
23.00'
20'R

195+93.05EB
23.00'
20'R

(TO REMAIN)
INLET

CENTURY LINK

194EB 195EB 196EB 197EB 198EB 199EB

USH 2 EASTBOUND

195+00.45EB
42.00'
20'R

BUTT JOINT REQUIRED

CENTURY LINK

195+89.28EB
62.00'
40'R

SLOPE INTERCEPTS

XCEL ENERGY

18" CMP (TO REMAIN)

CENTER DR.

15" CMP (TO REMAIN)

XCEL ENERGY

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PLAN DETAILS	SHEET E

PRE_30

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\021209-PD.DWG
LAYOUT NAME - 021209-pd

PLOT DATE : 9/2/2020 9:47 AM PLOT BY : AYRES PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

EXISTING R/W

60"RCCP (TO REMAIN)

30"RCCP
(REMOVE)

SLOPE
INTERCEPTS

LIMIT OF
WETLANDS

MERIT NETWORK

FO

2'
8'
12'
3'
3'

WB 201WB 202WB 203WB USH 2 WESTBOUND 204WB 205WB 206

INLET (TO REMAIN)

USH 2

3'
3'
12'
8'
2'

EB 201EB 202EB 203EB 204EB 205EB 206

USH 2 EASTBOUND

MATCHLINE STA. 200+00EB

MATCHLINE STA. 206+00EB

LEGEND

- CONCRETE TRUCK APRON
  PAVEMENT 12-INCH COLORING
  CONCRETE RED
- CONCRETE CURB AND GUTTER
  36-INCH TYPE A
  FULL DEPTH 4-INCH SLOPED
- XXXX XXXX SAW CUT
- X TREE TO BE
  REMOVED
- LIMITS OF ASPHALT PAVEMENT
- OBLITERATING OLD ROAD

SLOPE
INTERCEPTS

XCEL ENERGY

OH

EXISTING R/W

2

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PLAN DETAILS	SHEET E

PRE_31

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\021210-PD.DWG
LAYOUT NAME - 021210-pd

PLOT DATE : 8/31/2020 10:19 AM PLOT BY : AYRES PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

MERIT NETWORK

F.O.

DO NOT DISTURB

GP#6

NGS MONUMENT
HURLEY GPS

OBLITERATE OLD ROAD

SLOPE INTERCEPTS

N

MATCHLINE STA. 206+00EB

MATCHLINE STA. 212+00EB

USH 2

USH 2 WESTBOUND

USH 2 EASTBOUND

207WB 208WB 209WB 210WB 211WB

207EB 208EB 209EB 210EB 211EB

2'

8'

12'

3'

CENTURY LINK

LIMITS OF WETLANDS

XCEL ENERGY

SLOPE INTERCEPTS

LEGEND

- CONCRETE TRUCK APRON PAVEMENT 12-INCH COLORING CONCRETE RED
- CONCRETE CURB AND GUTTER 36-INCH TYPE A FULL DEPTH 4-INCH SLOPED
- XXXX XXXX SAW CUT
- X TREE TO BE REMOVED
- LIMITS OF ASPHALT PAVEMENT
- OBLITERATING OLD ROAD

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PLAN DETAILS	SHEET E

PRE_32

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\021211-PD.DWG
LAYOUT NAME - 021211-pd

PLOT DATE : 8/31/2020 10:20 AM PLOT BY : AYRES PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- CONCRETE TRUCK APRON PAVEMENT 12-INCH COLORING CONCRETE RED
- CONCRETE CURB AND GUTTER 36-INCH TYPE A FULL DEPTH 4-INCH SLOPED
- XXXX XXXX SAW CUT
- TREE TO BE REMOVED
- LIMITS OF ASPHALT PAVEMENT
- OBLITERATING OLD ROAD

N

SLOPE INTERCEPTS

LIMIT OF WETLANDS

WETLAND W-5
RPE (D) WETLAND
498 SF
0.011 ACRES

SLOPE INTERCEPTS

36"RCCP (TO REMAIN)

MATCHLINE STA. 212+00EB

MATCHLINE STA. 218+00EB

2'
8'
12'
12'
3'
3'

WB USH 2 WESTBOUND 213WB 214WB 215WB 216WB 217WB 21

INLET (TO REMAIN)

3'
3'
12'
8'
2'

EB 215EB 214EB 215EB 216EB 217EB 2

USH 2 EASTBOUND

CENTURY LINK

LIMIT OF WETLANDS

SLOPE INTERCEPTS

24"RCCP (TO REMAIN)

XCEL ENERGY

LIMIT OF WETLANDS

LIMIT OF WETLANDS

EXISTING R/W

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PLAN DETAILS	SHEET E

PRE_33

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\021212-PD.DWG
LAYOUT NAME - 021212-pd

PLOT DATE : 8/31/2020 10:20 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

CONCRETE TRUCK APRON PAVEMENT 12-INCH COLORING CONCRETE RED

CONCRETE CURB AND GUTTER 36-INCH TYPE A FULL DEPTH 4-INCH SLOPED

XXXX XXXX SAW CUT

TREE TO BE REMOVED

LIMITS OF ASPHALT PAVEMENT

OBLITERATING OLD ROAD

N

MERIT NETWORK

FO

REMOVE EXISTING STRUCTURE B-26-0006

LIMITS OF WETLANDS

SLOPE INTERCEPTS

USH 51

MATCHLINE STA. 218+00EB

MATCHLINE STA. 223+00EB

219WBT

220WBT

221WBT

222WBT

219WB

220WB

221WB

222WB

USH 2

219EB

220EB

221EB

222EB

(REMOVE) NGS MONUMENT

CP#4

CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE D REQ'D.

CENTURY LINK

36"RCCP (REMOVE)

XCEL ENERGY

OH

SLOPE INTERCEPTS

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PLAN DETAILS	SHEET E

PRE_34

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\021213-PD.DWG
LAYOUT NAME - 021213-pd

PLOT DATE : 8/31/2020 10:20 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

CENTURY LINK

RECONSTRUCT CE
STA. 230+10WBT

CONCRETE CURB AND GUTTER
6-INCH SLOPED
36-INCH TYPE D REQ'D.

EXISTING R/W

SLOPE
INTERCEPTS

MERIT NETWORK

35'

57'

2'

8'

12'

229WBT

230WBT

231WB

232WB

233WB

234WB

4'

230WB

12'

29WB

27'

CP#5

USH 2

231EB

232EB

233EB

234EB

230EB

6'

12'

12'

15'

4'

MATCHLINE STA. 229+00EB

CONCRETE SIDEWALK
6-INCH REQ'D.

SLOPE
INTERCEPTS

CONSTRUCTION LIMITS
STA. 231+63EB

MONTREAL RIVER

GUY

XCEL ENERGY

LIMITS OF
WETLANDS

REMOVE GUARDRAIL

EXISTING R/W

CONCRETE CURB AND GUTTER
6-INCH SLOPED
36-INCH TYPE D REQ'D.

XCEL ENERGY

LEGEND

- CONCRETE TRUCK APRON PAVEMENT 12-INCH COLORING CONCRETE RED
- CONCRETE CURB AND GUTTER 36-INCH TYPE A FULL DEPTH 4-INCH SLOPED
- XXXX XXXX SAW CUT
- X TREE TO BE REMOVED
- LIMITS OF ASPHALT PAVEMENT
- OBLITERATING OLD ROAD

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PLAN DETAILS	SHEET E

PRE_35

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\021214-PD.DWG
LAYOUT NAME - 021214-pd

PLOT DATE : 8/31/2020 10:20 AM PLOT BY : AYRES PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

N

LEGEND

- CONCRETE TRUCK APRON PAVEMENT 12-INCH COLORING CONCRETE RED
- CONCRETE CURB AND GUTTER 36-INCH TYPE A FULL DEPTH 4-INCH SLOPED
- XXXX XXXX SAW CUT
- X TREE TO BE REMOVED
- LIMITS OF ASPHALT PAVEMENT
- OBLITERATING OLD ROAD

SIGN

REST AREA EXIT

MATCH EXISTING

EXISTING R/W

CONCRETE CURB AND GUTTER
6-INCH SLOPED
36-INCH TYPE D REQ'D.

30'

MARKING LINE EPOXY 4-INCH (WHITE) 12.5' LINE 37.5' GAP

MARKING LINE EPOXY 4-INCH (YELLOW)

MARKING ARROW EPOXY (WHITE)

CENTURY LINK

MARKING LINE EPOXY 4-INCH (WHITE)

REINSTALL MOVED SIGNS
TYPE II AND MOVED SMALL
SIGN SUPPORT

REINSTALL SALVAGED
LIGHTING UNIT

DO NOT ENTER
R5-1

107+32.08
-65'

40' R.

1442.24

R3-1

BURIED ELECTRIC LINE
(APPROXIMATE LOCATION)

XCEL ENERGY

REINSTALL MOVED SIGNS
TYPE II AND MOVED SMALL
SIGN SUPPORT

STOP
R1-1

REINSTALL MOVED SIGNS
TYPE II AND MOVED SMALL
SIGN SUPPORT

DO NOT ENTER
R5-1

REINSTALL MOVED SIGNS
TYPE II AND MOVED SMALL
SIGN SUPPORT

STOP
R1-1

R3-2

1442.61

108+27.21
-50'

25' R.

1439.8
18"CMCP

ASPHALTIC FLUME
REQ'D.

1439.3

ASPHALTIC FLUME
REQ'D.

97'

1442.11

MARKING STOPLINE
EPOXY 18-INCH (WHITE)

1442.55

1441.98

1442.48

25'

23'

1-18" CP REQ'D.

CONCRETE CURB AND GUTTER
6-INCH SLOPED
36-INCH TYPE D REQ'D.

25'

USH 51

107NB

108NB

109NB

CONSTRUCTION LIMITS
STA. 107+15NB

BEGIN PROJECT
STA. 108+36NB

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PLAN DETAIL FOR ENTRANCE REPLACEMENT	SHEET E

PRE_36

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\021215-PD.DWG
LAYOUT NAME - 021215-pd

PLOT DATE : 8/31/2020 10:20 AM PLOT BY : AYRES PLOT NAME : PLOT SCALE : 1 IN:20 FT

2

2

N

SLOPE INTERCEPTS

LIMITS OF WETLANDS

EXISTING R/W

228WB

229WB

230WB

231WB

232WB

233WB

228EB

229EB

230EB

231EB

232EB

233EB

27'

USH 2
CP#5

28'

REMOVE EXISTING BEAM GUARD

SLOTTED THRIE BEAM RAIL REQ'D.

POST 1
230+49.27EB
-26.9'

POST 5
230+62.75EB
-30.7'

POST 8
230+74.54EB
-34.0'

POST 1
230+49.27EB
-17.2'

POST 5
230+62.93EB
-14.2'

POST 9
230+82.89EB
-9.7'

POST 12
230+99.54EB
-6.0'

REMOVE EXISTING BEAM GUARD

MGS GUARDRAIL 3 REQ'D.

POST 1
230+21.96EB
41.4'

POST 5
230+48.52EB
40.4'

POST 9
230+75.09EB
39.4'

LIMITS OF WETLANDS

XCEL ENERGY

CENTURY LINK

EXISTING R/W

SLOPE INTERCEPTS

XCEL ENERGY

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PLAN DETAILS	SHEET E

PRE_37

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\021216-PD.DWG
LAYOUT NAME - 021216-pd

PLOT DATE : 8/31/2020 10:21 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

N

REST AREA EXIT

105NB

USH 51

106NB

107NB

108NB

109NB

110NB

1442.80 1442.79 1442.77 1442.70 1442.59 1442.44 1442.24 1441.99 1441.69 1441.35 1440.97

1443.04 1443.03 1443.01 1442.94 1442.83 1442.68 1442.48 1442.25 1441.97 1441.65 1441.28

1442.80 1442.79 1442.77 1442.70 1442.59 1442.44 1442.25 1442.01 1441.73 1441.41 1441.04

BEGIN PROJECT
STA. 108+36NB

MATCHLINE STA. 111+00NB

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PLAN GRADES	SHEET E

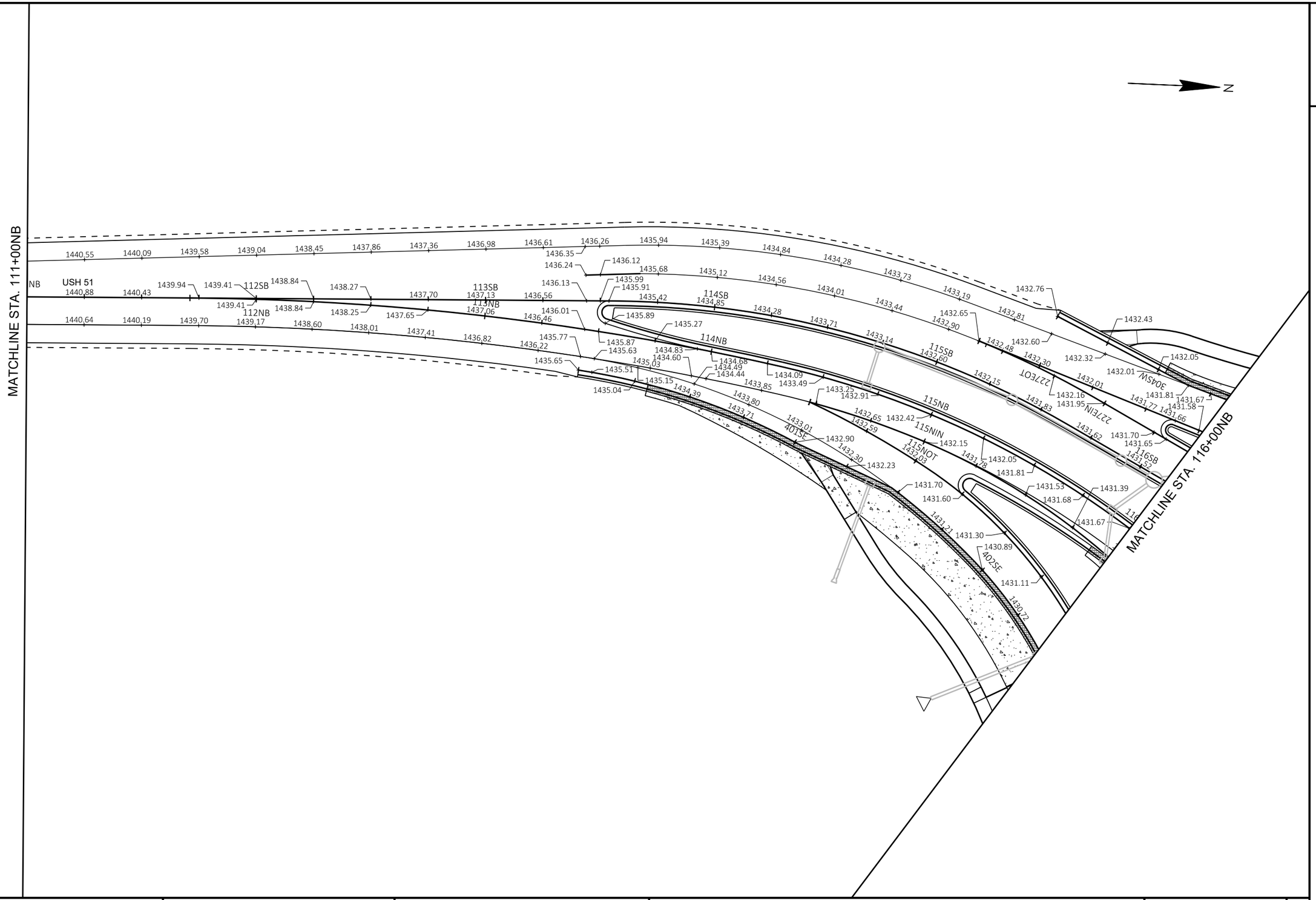
PRE_38

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\021215-GR.DWG
LAYOUT NAME - 021215-gr

PLOT DATE : 8/31/2020 10:21 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2



PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PLAN GRADES	SHEET E

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\021216-GR.DWG
LAYOUT NAME - 021216-gr

PLOT DATE : 8/31/2020 10:21 AM PLOT BY : AYRES PLOT NAME : PLOT SCALE : 1 IN:40 FT

PRE_39

2

2

MATCHLINE STA. 223+00EB

MATCHLINE STA. 229+00EB

MATCHLINE STA. 116+00NB

N

USH 2

USH 2

USH 51

NB

224WBT

225WBT

226WBT

227WBT

228WBT

5WIN

6WIN

7WIN

8WIN

224WB

225WB

226WB

227WB

228WB

224EB

225EB

226EB

227EB

228EB

224EIN

225EIN

226EIN

227EIN

228EIN

224EOT

225EOT

226EOT

227EOT

228EOT

301SW

302SW

303SW

304SW

305SW

118NOT

119NOT

117NOT

116NOT

118NIN

119NIN

117NIN

116NIN

404SE

405SE

403SE

402SE

1436.00

24"

2CC

3CC

1CC

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PLAN GRADES	SHEET E

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\021217-GR.DWG
LAYOUT NAME - 021217-gr

PLOT DATE : 8/31/2020 10:21 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:40 FT

PRE_40

WISDOT/CADDS SHEET 42

2

2

N

1415.97

1412.43 1413.01 1413.58 1414.15 1414.75 1415.37

1412.59 1413.17 1413.74 1414.31 1414.91 1415.53 1416.13

1412.83 1413.41 1413.98 1414.55 1415.15 1415.77 1416.37

212WB 213WB 214WB 215WB 216WB 217WB

1413.07 1413.64 1414.21 1414.79 1415.39 1416.00 1416.63 218

1413.01 1413.58 1414.15 1414.73 1415.33 1415.94 1416.57

USH 2

1416.11

212EB 213EB 214EB 215EB 216EB 217EB

1412.80 1413.32 1413.91 1414.38 1414.94 1415.51

??? 1413.38 1414.44 1415.00 1415.57 1416.17

1413.85 1415.93

1412.62 1413.15 1413.67 1414.20 1414.76 1415.33

1415.77

1412.46 1412.99 1413.51 1414.04 1414.60 1415.17

MATCHLINE STA. 218+00EB

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PLAN GRADES	SHEET E

PRE_41

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\021218-GR.DWG
LAYOUT NAME - 021218-gr
PLOT DATE : 8/31/2020 10:21 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

N

MATCHLINE STA. 218+00EB

MATCHLINE STA. 223+00EB

USH 2

1415.99
1416.62 1417.24 1417.96 1418.55 1418.68 1419.38 1420.08 1420.78 1421.48 1422.18 1422.88 1423.58 1424.28 1424.94 1425.56 1426.14 1426.67 1427.16 1427.61 1428.02 1428.3

1416.15 1416.78 1417.40 1418.12 1418.71 1418.84 1419.54 1420.24 1420.94 1421.64 1422.34 1423.05 1423.75 1424.45 1425.11 1425.73 1426.30 1426.84 1427.33 1427.78 1428.19 1428.5

1416.39 1417.02 1417.64 1418.36 1418.95 219WBT 1419.08 1419.78 1420.48 1421.18 1421.88 220WBT 1422.59 1423.29 1423.99 1424.69 221WBT 1425.36 1425.98 1426.55 1427.09 222WBT 1427.58 1428.03 1428.44 223W 1428.

WB 1416.63 1417.28 1417.94 1418.62 1419.19 219WB 1419.32 1420.02 1420.73 1421.43 1422.14 220WB 1422.84 1423.54 1424.25 1424.95 221WB 1425.65 1426.31 1426.92 1427.49 222WB 1428.01 1428.48 1428.90 223 1429.27

1416.57 1417.22 1417.88 1418.56 1419.13 1421.37 1422.78 1423.49 1424.19 1424.89 1425.59 1426.25 1426.86 1427.43 1427.95 1428.42 1428.84 1429.21

220EB 221EB

1416.11 1416.73 1417.37 1418.04 1418.59 219EB 1420.81 1421.50 1422.20 1422.89 1423.59 1424.28 1424.98 1425.67 1426.96 222EB

EB 1416.17 1416.79 1417.43 1418.10 1418.65 1418.78 1419.48 1420.17 1420.87 1421.56 1422.26 1422.95 1423.65 1424.34 1425.04 1425.73 1426.38 1426.99 1427.57 1428.10 1428.59 22

1415.93 1416.55 1417.19 1417.85 1418.41 1418.53 1419.23 1419.92 1420.62 1421.32 1422.01 1422.70 1423.37 1424.04 1424.70 1425.36 1425.98 1426.56 1427.10 1427.29 1427.78 1427.85 1428.01 1428.34 22

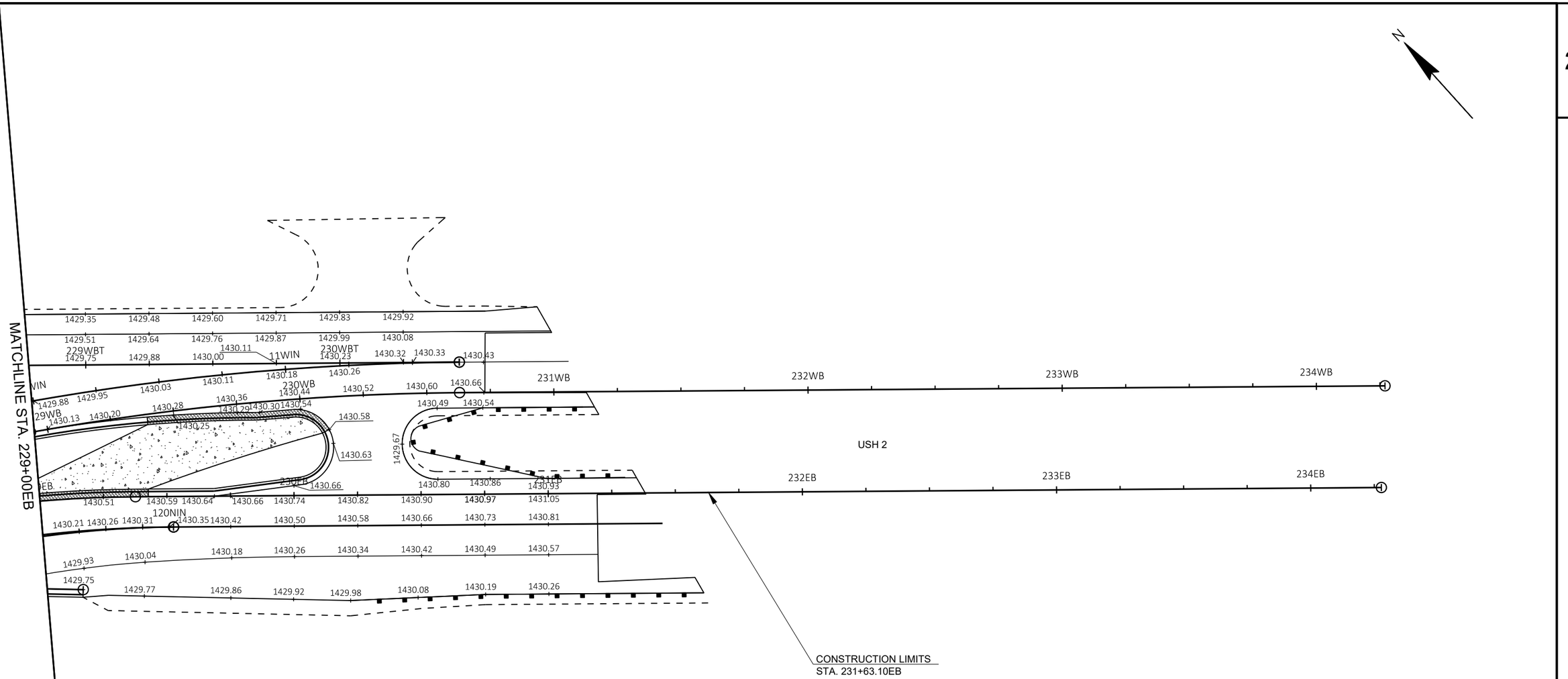
1415.77 1416.39 1417.03 1417.69 1418.24 1418.37 1419.06 1419.75 1420.45 1421.15 1421.85 1422.53 1423.20 1423.87 1424.53 1425.18 1425.81 1426.39 1426.91 1427.16 1427.66 1428.11 1428.30 1428.19

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PLAN GRADES	SHEET PRE_42 E

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\021219-GR.DWG
LAYOUT NAME - 021219-gr

PLOT DATE : 8/31/2020 10:22 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



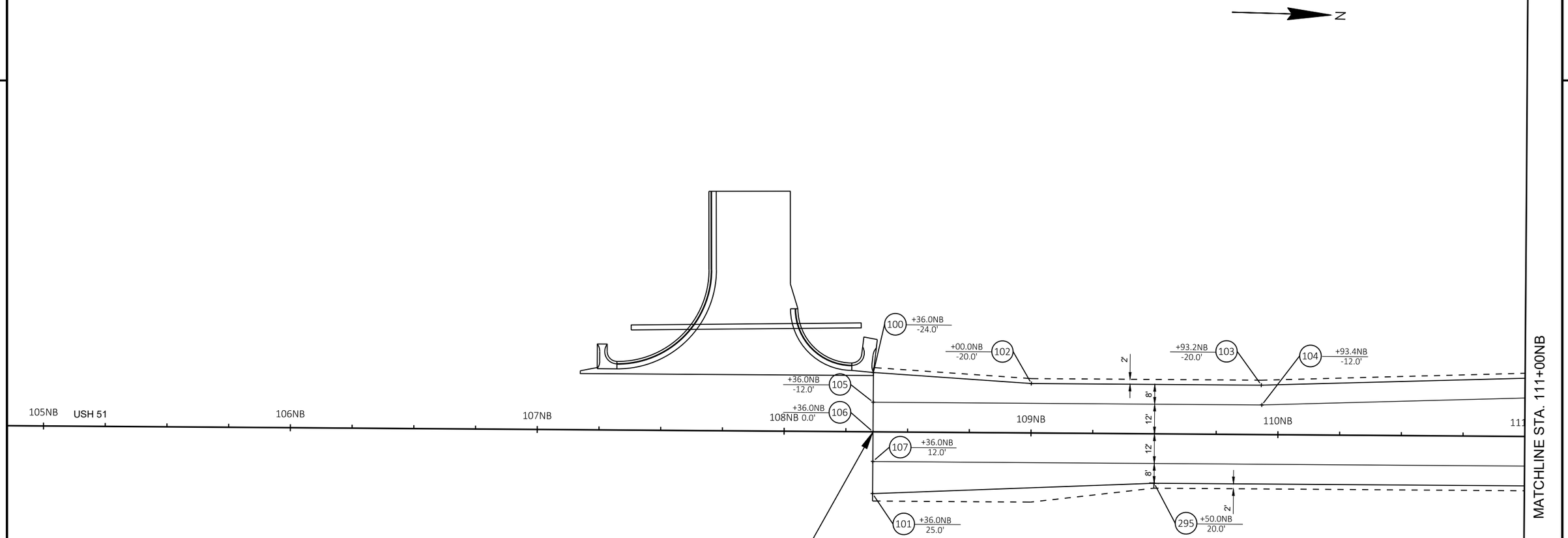
PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PLAN GRADES	SHEET E

PRE_43

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\021220-GR.DWG
LAYOUT NAME - 021220-gr

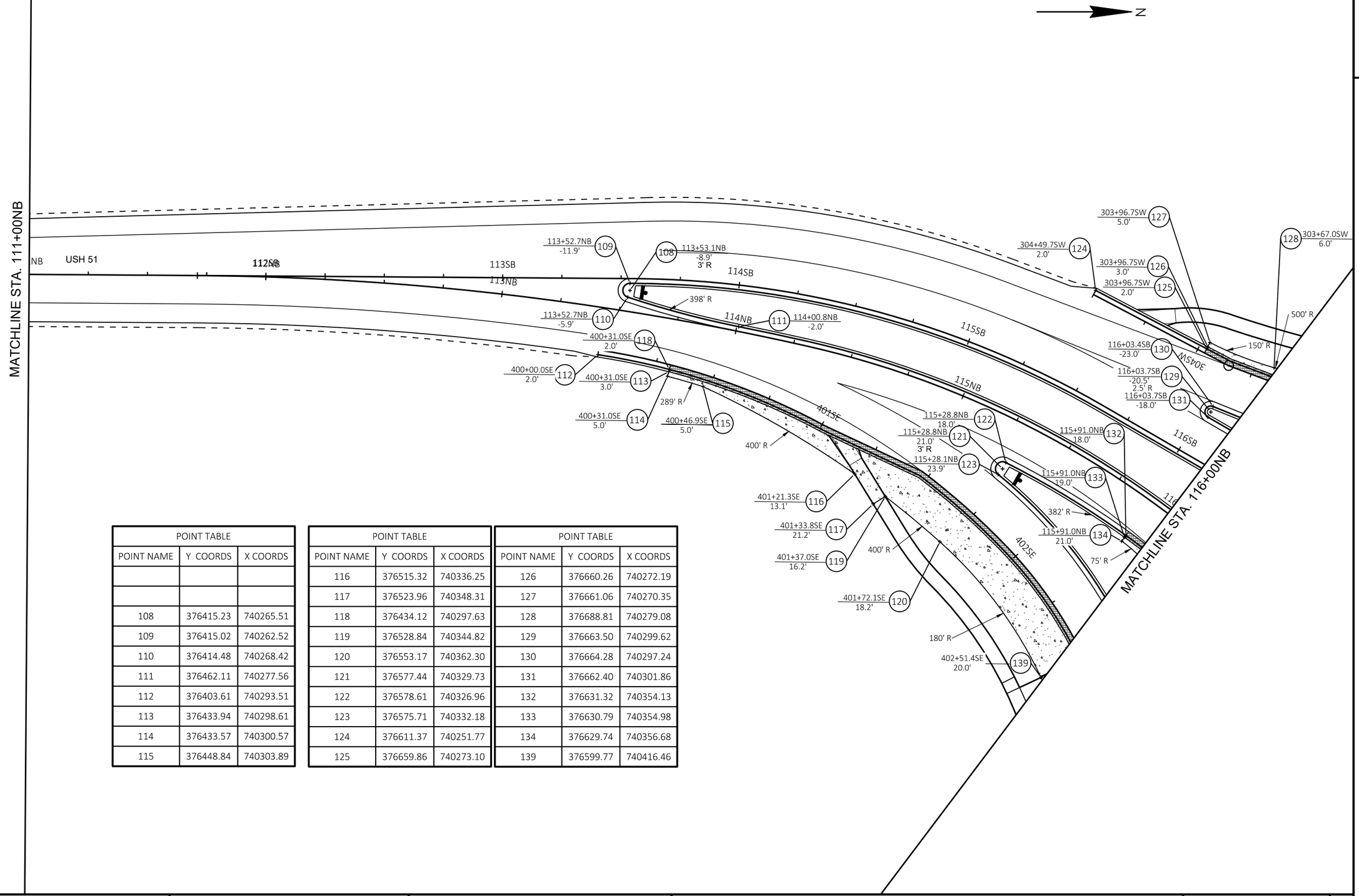
PLOT DATE : 8/31/2020 10:22 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



BEGIN PROJECT
STA. 108+36NB
Y = 375898.151
X = 740293.001

POINT TABLE		
POINT NAME	Y COORDS	X COORDS
100	375896.63	740269.05
101	375899.72	740317.95
102	375960.77	740269.03
103	376053.75	740263.18
104	376054.52	740271.14
105	375897.40	740281.02
106	375898.15	740293.00
107	375898.90	740304.98
295	376013.18	740305.81

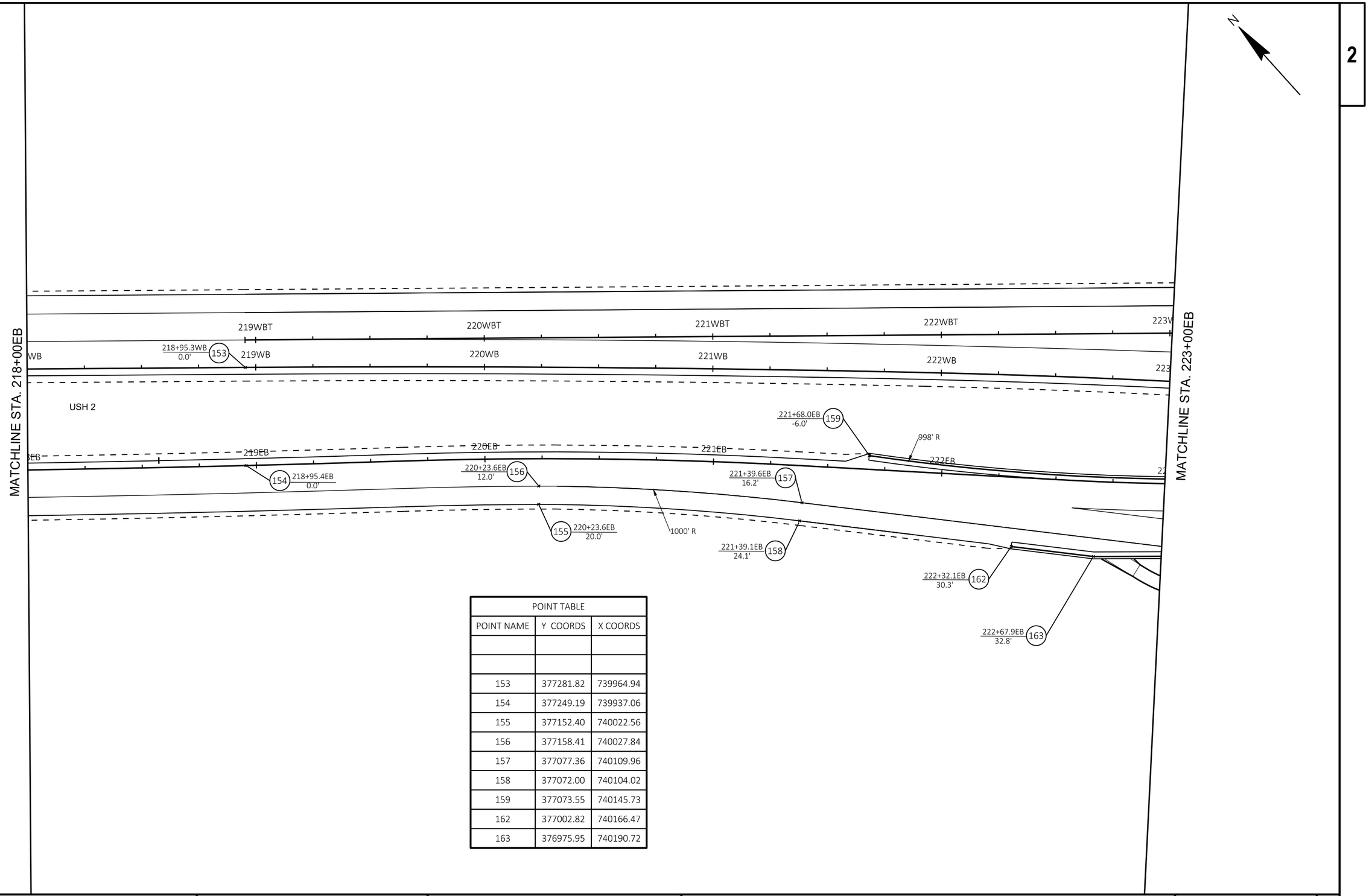


POINT TABLE		
POINT NAME	Y COORDS	X COORDS
108	376415.23	740265.51
109	376415.02	740262.52
110	376414.48	740268.42
111	376462.11	740277.56
112	376403.61	740293.51
113	376433.94	740298.61
114	376433.57	740300.57
115	376448.84	740303.89

POINT TABLE		
POINT NAME	Y COORDS	X COORDS
116	376515.32	740336.25
117	376523.96	740348.31
118	376434.12	740297.63
119	376528.84	740344.82
120	376553.17	740362.30
121	376577.44	740329.73
122	376578.61	740326.96
123	376575.71	740332.18
124	376611.37	740251.77
125	376659.86	740273.10

POINT TABLE		
POINT NAME	Y COORDS	X COORDS
126	376660.26	740272.19
127	376661.06	740270.35
128	376688.81	740279.08
129	376663.50	740299.62
130	376664.28	740297.24
131	376662.40	740301.86
132	376631.32	740354.13
133	376630.79	740354.98
134	376629.74	740356.68
139	376599.77	740416.46

2



POINT TABLE		
POINT NAME	Y COORDS	X COORDS
153	377281.82	739964.94
154	377249.19	739937.06
155	377152.40	740022.56
156	377158.41	740027.84
157	377077.36	740109.96
158	377072.00	740104.02
159	377073.55	740145.73
162	377002.82	740166.47
163	376975.95	740190.72

POINT TABLE		
POINT NAME	Y COORDS	X COORDS
164	377003.44	740272.11
165	376983.50	740292.48
166	376982.86	740291.85
167	376981.43	740290.46
168	376960.00	740306.28
169	376907.69	740326.10
170	376906.36	740324.96
171	376905.60	740324.31
172	376939.95	740368.76
173	376944.34	740227.34

POINT TABLE		
POINT NAME	Y COORDS	X COORDS
174	376934.74	740235.73
175	376934.09	740234.97
176	376932.80	740233.44
177	376758.79	740288.72
178	376726.07	740285.47
179	376716.49	740282.61
180	376716.06	740284.04
181	376911.06	740282.58
182	376881.02	740322.26
183	376876.67	740326.98

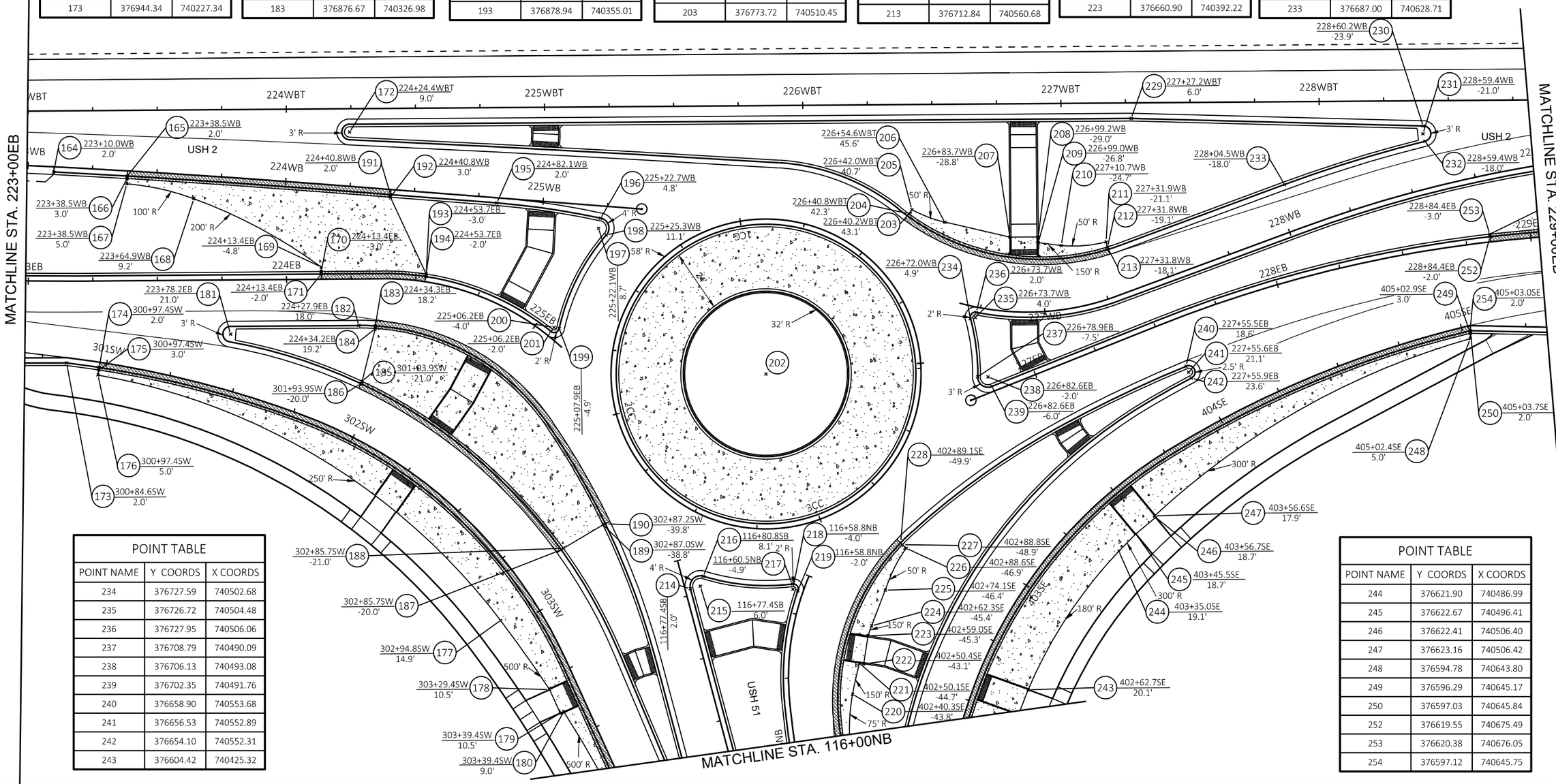
POINT TABLE		
POINT NAME	Y COORDS	X COORDS
184	376875.96	740326.28
185	376863.87	740309.02
186	376863.47	740308.11
187	376763.99	740324.41
188	376763.90	740325.40
189	376760.66	740342.99
190	376760.40	740343.95
191	376911.19	740364.79
192	376910.49	740364.08
193	376878.94	740355.01

POINT TABLE		
POINT NAME	Y COORDS	X COORDS
194	376878.29	740354.25
195	376881.77	740393.75
196	376850.94	740420.21
197	376848.54	740417.00
198	376844.58	740417.56
199	376829.23	740380.05
200	376830.84	740378.86
201	376830.48	740376.89
202	376763.37	740428.90
203	376773.72	740510.45

POINT TABLE		
POINT NAME	Y COORDS	X COORDS
204	376773.94	740511.43
205	376774.38	740513.38
206	376762.42	740519.78
207	376741.43	740535.00
208	376734.28	740543.36
209	376732.59	740541.91
210	376725.93	740547.87
211	376715.59	740561.89
212	376713.76	740561.09
213	376712.84	740560.68

POINT TABLE		
POINT NAME	Y COORDS	X COORDS
214	376719.79	740352.23
215	376718.03	740355.82
216	376720.14	740359.22
217	376695.27	740383.22
218	376693.61	740382.11
219	376691.87	740383.11
220	376647.74	740372.89
221	376655.03	740382.78
222	376653.77	740383.85
223	376660.90	740392.22

POINT TABLE		
POINT NAME	Y COORDS	X COORDS
224	376662.89	740395.81
225	376669.87	740408.85
226	376676.79	740425.64
227	376678.78	740425.46
228	376679.78	740425.37
229	376745.32	740600.64
230	376668.92	740684.06
231	376666.71	740682.03
232	376664.04	740680.67
233	376687.00	740628.71



POINT TABLE		
POINT NAME	Y COORDS	X COORDS
234	376727.59	740502.68
235	376726.72	740504.48
236	376727.95	740506.06
237	376708.79	740490.09
238	376706.13	740493.08
239	376702.35	740491.76
240	376658.90	740553.68
241	376656.53	740552.89
242	376654.10	740552.31
243	376604.42	740425.32

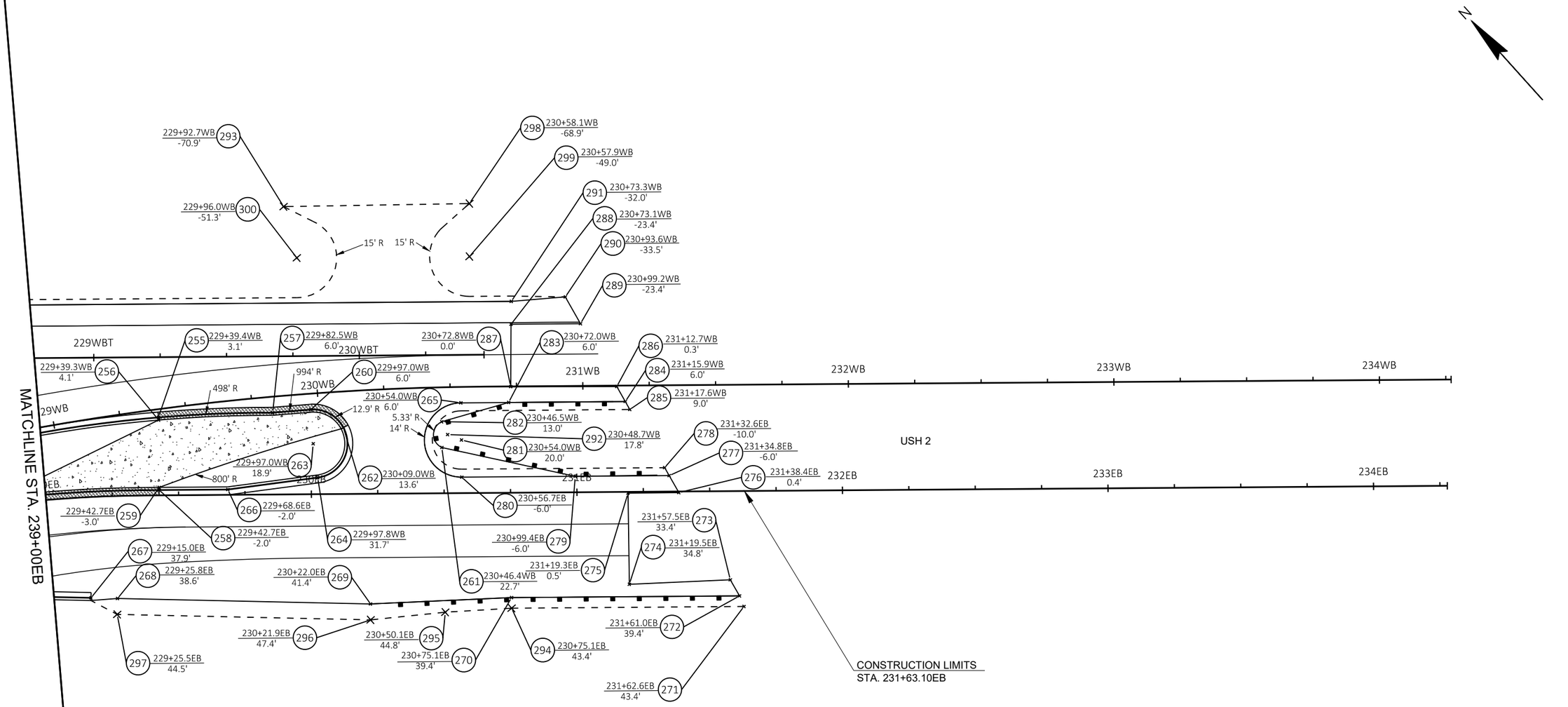
POINT TABLE		
POINT NAME	Y COORDS	X COORDS
244	376621.90	740486.99
245	376622.67	740496.41
246	376622.41	740506.40
247	376623.16	740506.42
248	376594.78	740643.80
249	376596.29	740645.17
250	376597.03	740645.84
252	376619.55	740675.49
253	376620.38	740676.05
254	376597.12	740645.75

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PLAN OFFSETS	SHEET E

PRE_47

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\021225-OF.DWG
LAYOUT NAME - 021225-of

PLOT DATE : 8/31/2020 11:50 AM PLOT BY : AYRES PLOT NAME : PLOT SCALE : 1 IN:40 FT



POINT TABLE		
POINT NAME	Y COORDS	X COORDS
255	376604.51	740739.44
256	376603.71	740738.85
257	376577.62	740773.08
258	376583.70	740721.72
259	376584.46	740722.37
260	376569.10	740784.65
261	376525.93	740812.56
262	376555.91	740789.48
263	376558.79	740776.94
264	376548.06	740769.85

POINT TABLE		
POINT NAME	Y COORDS	X COORDS
265	376533.91	740828.99
266	376566.88	740741.36
267	376569.92	740675.71
268	376563.19	740683.11
269	376499.14	740753.67
270	376466.10	740795.32
271	376406.15	740859.18
272	376410.25	740860.54
273	376417.09	740861.87
274	376440.77	740832.08

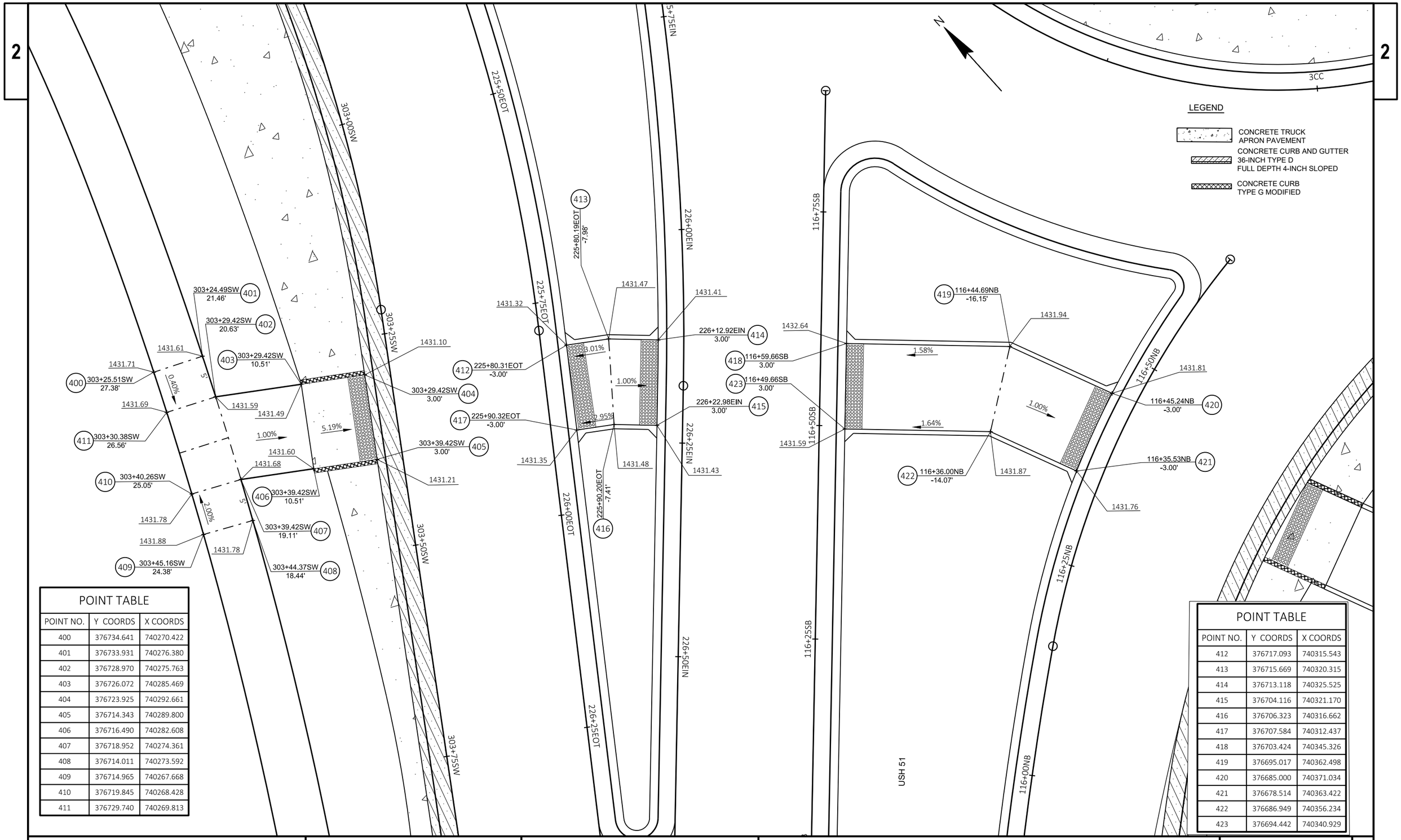
POINT TABLE		
POINT NAME	Y COORDS	X COORDS
275	376466.97	740854.20
276	376454.57	740868.80
277	376461.78	740870.23
278	376465.17	740870.89
279	376484.80	740843.35
280	376512.60	740810.90
281	376523.21	740819.99
282	376533.30	740818.87
283	376522.22	740842.66
284	376493.66	740876.05

POINT TABLE		
POINT NAME	Y COORDS	X COORDS
285	376490.29	740875.38
286	376500.03	740877.33
287	376526.21	740847.18
288	376543.84	740862.64
289	376526.85	740882.53
290	376538.17	740884.80
291	376550.26	740868.38
292	376528.18	740817.39
293	376633.45	740827.05
294	376463.07	740792.72

POINT TABLE		
POINT NAME	Y COORDS	X COORDS
295	376478.32	740772.87
296	376494.59	740749.75
297	376558.75	740679.08
298	376588.41	740880.60
299	376573.35	740867.55
300	376615.64	740818.17

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PLAN OFFSETS	SHEET E

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\021226-OF.DWG
LAYOUT NAME - 021226-of
PLOT DATE : 8/31/2020 10:22 AM
PLOT BY : AYRES
PLOT NAME :
PLOT SCALE : 1 IN:40 FT



POINT TABLE		
POINT NO.	Y COORDS	X COORDS
400	376734.641	740270.422
401	376733.931	740276.380
402	376728.970	740275.763
403	376726.072	740285.469
404	376723.925	740292.661
405	376714.343	740289.800
406	376716.490	740282.608
407	376718.952	740274.361
408	376714.011	740273.592
409	376714.965	740267.668
410	376719.845	740268.428
411	376729.740	740269.813

POINT TABLE		
POINT NO.	Y COORDS	X COORDS
412	376717.093	740315.543
413	376715.669	740320.315
414	376713.118	740325.525
415	376704.116	740321.170
416	376706.323	740316.662
417	376707.584	740312.437
418	376703.424	740345.326
419	376695.017	740362.498
420	376685.000	740371.034
421	376678.514	740363.422
422	376686.949	740356.234
423	376694.442	740340.929

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CURB RAMPS	SHEET E

PRE_49

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\021227-CR.DWG
LAYOUT NAME - 021227-cr
PLOT DATE : 8/31/2020 10:23 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:10 FT

2

POINT TABLE		
POINT NO.	Y COORDS	X COORDS
425	376665.882	740387.324
426	376660.577	740391.844
427	376653.718	740397.689
428	376640.266	740405.228
429	376635.512	740396.429
430	376647.977	740389.444
431	376654.092	740384.233
432	376660.070	740379.138
433	376619.306	740416.964
434	376604.417	740425.317
435	376595.679	740430.214
436	376597.796	740434.743
437	376592.324	740437.204
438	376590.281	740432.834
439	376585.813	740424.280
440	376583.393	740420.107
441	376588.539	740417.021
442	376591.047	740421.346
443	376599.771	740416.458
444	376614.574	740408.162

LEGEND

- CONCRETE TRUCK APRON PAVEMENT
- CONCRETE CURB AND GUTTER 36-INCH TYPE D FULL DEPTH 4-INCH SLOPED
- CONCRETE CURB TYPE G MODIFIED

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CURB RAMPS	SHEET E

PRE_50

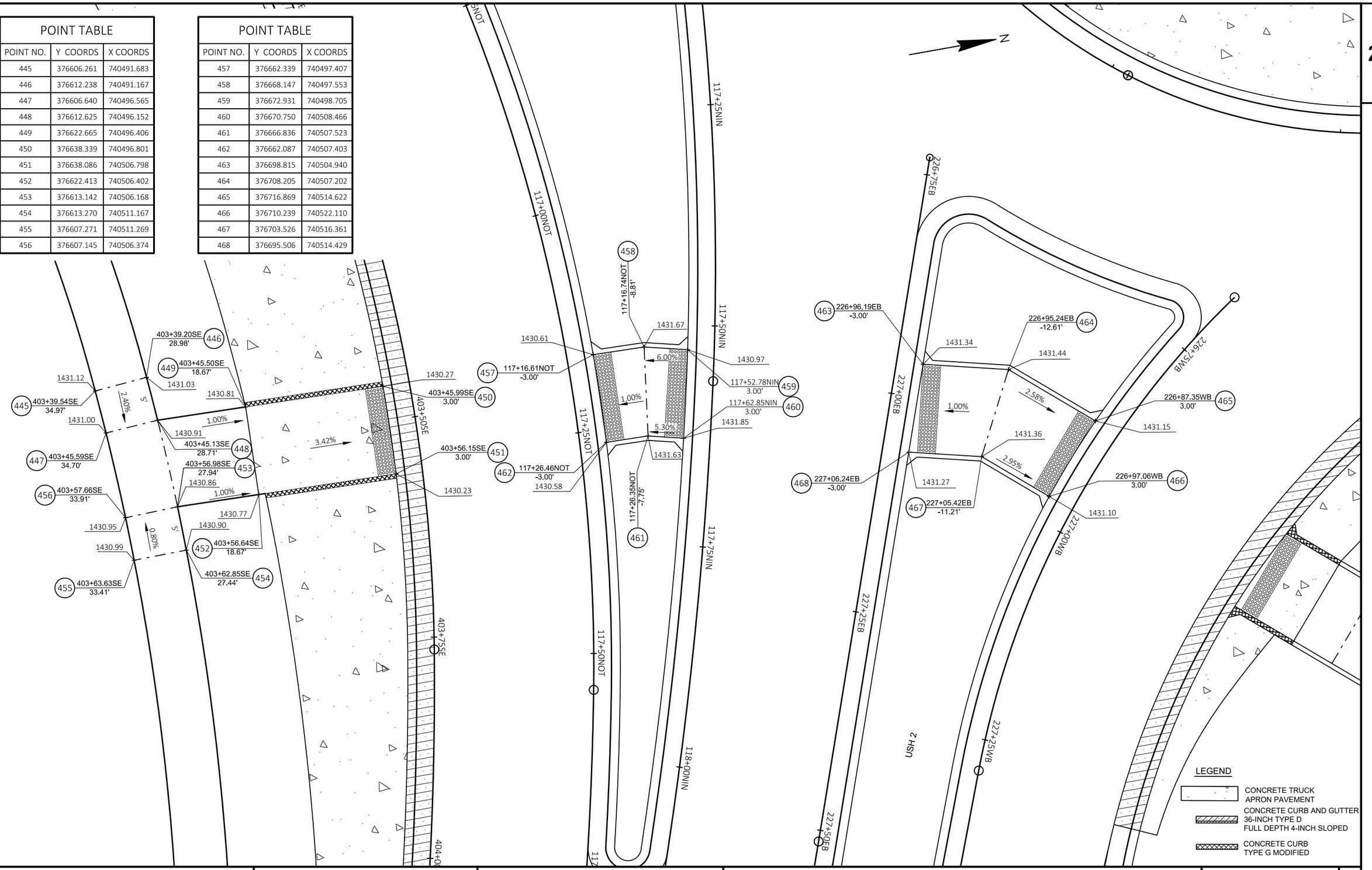
FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\021228-CR.DWG
LAYOUT NAME - 021228-cr

PLOT DATE : 8/31/2020 10:23 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42

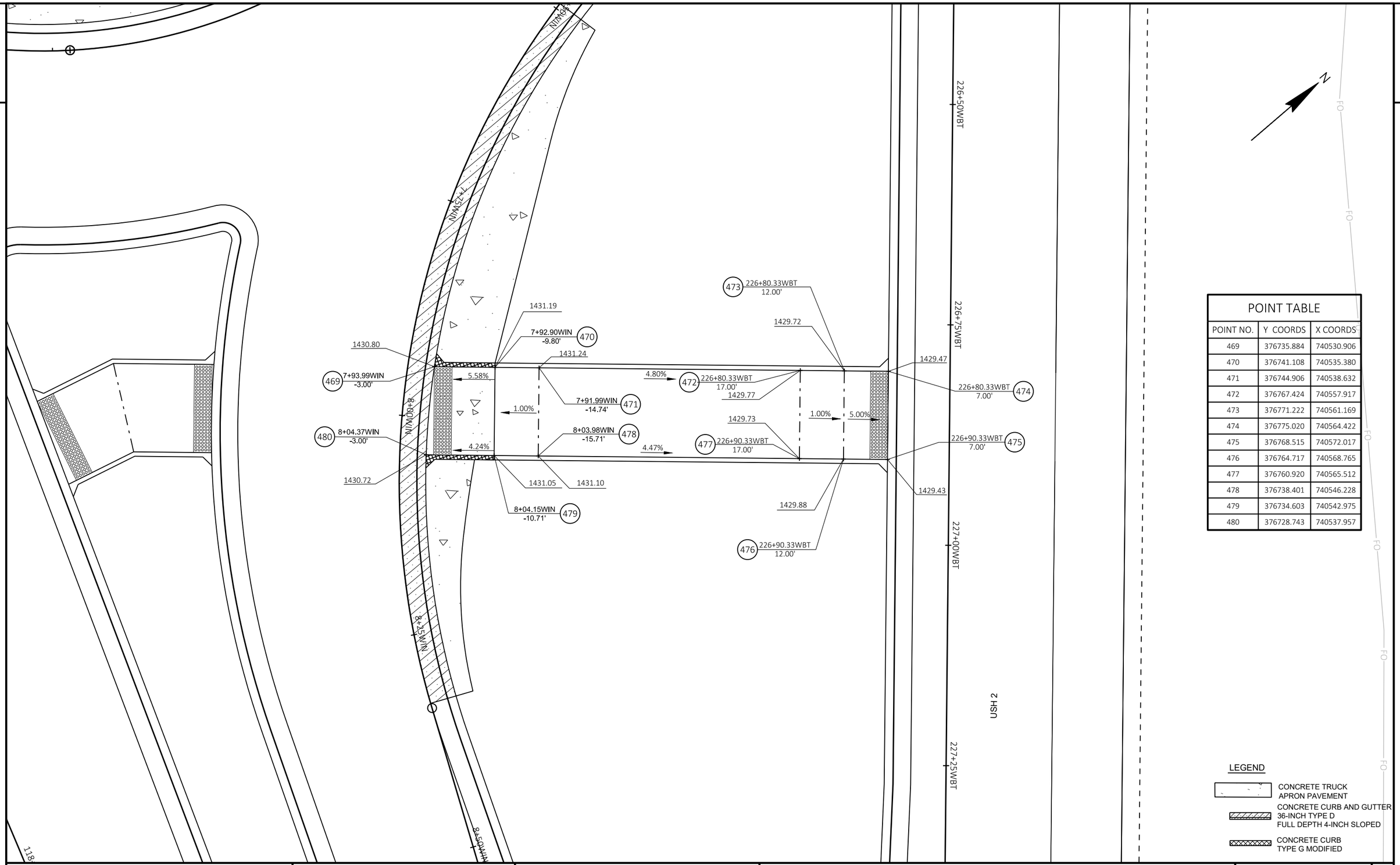
POINT TABLE		
POINT NO.	Y COORDS	X COORDS
445	376606.261	740491.683
446	376612.238	740491.167
447	376606.640	740496.565
448	376612.625	740496.152
449	376622.665	740496.406
450	376638.339	740496.801
451	376638.086	740506.798
452	376622.413	740506.402
453	376613.142	740506.168
454	376613.270	740511.167
455	376607.271	740511.269
456	376607.145	740506.374

POINT TABLE		
POINT NO.	Y COORDS	X COORDS
457	376662.339	740497.407
458	376668.147	740497.553
459	376672.931	740498.705
460	376670.750	740508.466
461	376666.836	740507.523
462	376662.087	740507.403
463	376698.815	740504.940
464	376708.205	740507.202
465	376716.869	740514.622
466	376710.239	740522.110
467	376703.526	740516.361
468	376695.506	740514.429



PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CURB RAMPS	SHEET E

2



POINT TABLE		
POINT NO.	Y COORDS	X COORDS
469	376735.884	740530.906
470	376741.108	740535.380
471	376744.906	740538.632
472	376767.424	740557.917
473	376771.222	740561.169
474	376775.020	740564.422
475	376768.515	740572.017
476	376764.717	740568.765
477	376760.920	740565.512
478	376738.401	740546.228
479	376734.603	740542.975
480	376728.743	740537.957

LEGEND

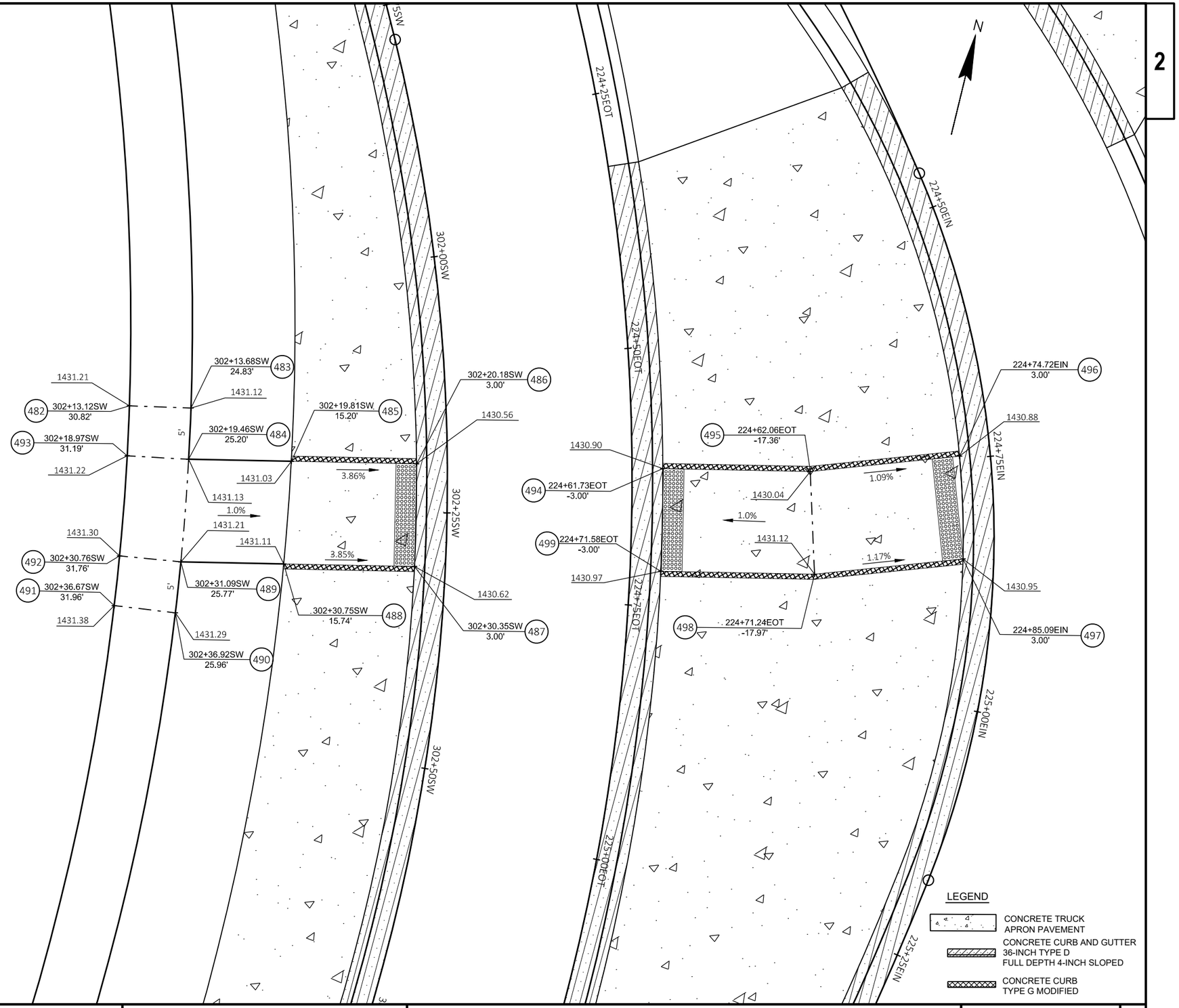
- CONCRETE TRUCK APRON PAVEMENT
- CONCRETE CURB AND GUTTER 36-INCH TYPE D FULL DEPTH 4-INCH SLOPED
- CONCRETE CURB TYPE G MODIFIED

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CURB RAMPS	SHEET E

PRE_52

POINT TABLE		
POINT NO.	Y COORDS	X COORDS
482	376828.068	740267.248
483	376829.421	740273.093
484	376824.539	740274.169
485	376826.938	740283.883
486	376829.865	740295.731
487	376820.157	740298.129
488	376817.100	740285.754
489	376814.695	740276.018
490	376809.754	740276.787
491	376808.893	740270.849
492	376813.710	740270.099
493	376823.308	740268.297
494	376835.623	740319.039
495	376839.068	740332.984

POINT TABLE		
POINT NO.	Y COORDS	X COORDS
496	376844.273	740346.654
497	376834.684	740349.573
498	376829.505	740335.974
499	376825.914	740321.437



PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CURB RAMPS	SHEET PRE_53 E

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\021231-CR.DWG
LAYOUT NAME - 021231-cr

PLOT DATE : 8/31/2020 2:02 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:10 FT

2

POINT TABLE		
POINT NO.	Y COORDS	X COORDS
500	376853.507	740370.902
501	376856.001	740377.451
502	376861.371	740391.552
503	376866.219	740396.237
504	376871.878	740401.705
505	376864.320	740408.307
506	376859.259	740403.417
507	376852.819	740397.195
508	376846.655	740381.010
509	376844.162	740374.461
510	376889.363	740418.598
511	376893.002	740422.031
512	376895.287	740423.987
513	376888.782	740431.582
514	376886.038	740429.232
515	376882.413	740425.788

LEGEND

- CONCRETE TRUCK APRON PAVEMENT
- CONCRETE CURB AND GUTTER 36-INCH TYPE D FULL DEPTH 4-INCH SLOPED
- CONCRETE CURB TYPE G MODIFIED

224+75EIN
225+00EIN
224+75EEB
225+00EB
PI: 225+13.03EB
224+75WB
225+00WB
225+25WB
PI: 225+38.28WB
5+75WIN
6+00WIN
6+25WIN
6+50WIN
224+75WBT
225+00WBT
225+25WBT
225+50WBT
USH 2

500 224+82.91EB -3.00' 1431.03
501 224+83.21EB -10.00' 1431.10
502 224+95.16WB 17.87' 1431.17
503 224+94.99WB 11.13' 1430.87
504 224+94.79WB 3.27' 1430.69
505 225+04.81WB 3.86' 1430.72
506 225+04.98WB 10.90' 1430.79
507 225+05.21WB 19.85' 1430.92
508 224+92.31EB -10.00' 1431.10
509 224+92.62EB -3.00' 1431.10
510 6+00.03WIN -3.00' 1430.33
511 224+95.44WBT 10.01' 1430.38
512 224+95.44WBT 7.00' 1430.24
513 225+05.44WBT 7.00' 1430.24
514 225+05.44WBT 10.61' 1430.37
515 6+10.03WIN -3.00' 1430.42

7' 7.85' 7' 1.0% 1.51% 1.51% 1.44% 1.44% 1.0% 4.74% 1.0% 4.99%

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CURB RAMPS	SHEET E

PRE_54

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\021232-CR.DWG
LAYOUT NAME - 021232-cr
PLOT DATE : 8/31/2020 2:04 PM
PLOT BY : SOUFAL, KEVIN
PLOT NAME :
PLOT SCALE : 1 IN:10 FT

2

N

REST AREA EXIT

EXISTING R/W

SIGN

18"CMCP

105NB USH 51 106NB 107NB 108NB 109NB 110NB 111

MATCHLINE STA. 111+00NB

BEGIN PROJECT
STA. 108+36NB

NOTE:

TYPE A INLET PROTECTION IS REQUIRED FOR ALL INLETS AFTER INSTALLATION AND BEFORE CURB PLACEMENT.
AFTER CURB PLACEMENT INSTALL TYPE B, C, OR D INLET PROTECTION.
(SEE MISCELLANEOUS QUANTITIES)

LEGEND

- EROSION MAT URBAN CLASS I, TYPE A
- EROSION MAT CLASS II, TYPE C
- EROSION MAT CLASS I, TYPE B
- SILT FENCE
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- RIP RAP MEDIUM
- INLET PROTECTION
- CULVERT PIPE CHECK
- ROCK BAGS

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	EROSION CONTROL	SHEET E

PRE_55

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 022001-ec

PLOT DATE : 8/31/2020 10:24 AM PLOT BY : AYRES PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

EXISTING R/W

N

MATCHLINE STA. 111+00NB

USH 51

112NB

113SB

113NB

114SB

114NB

115SB

115NB

116SB

MATCHLINE STA. 116+00NB

R

R

LEGEND

- EROSION MAT URBAN CLASS I, TYPE A
- EROSION MAT CLASS II, TYPE C
- EROSION MAT CLASS I, TYPE B
- SILT FENCE
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- RIP RAP MEDIUM
- INLET PROTECTION
- CULVERT PIPE CHECK
- ROCK BAGS

NOTE:

TYPE A INLET PROTECTION IS REQUIRED FOR ALL INLETS AFTER INSTALLATION AND BEFORE CURB PLACEMENT.
AFTER CURB PLACEMENT INSTALL TYPE B, C, OR D INLET PROTECTION.
(SEE MISCELLANEOUS QUANTITIES)

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	EROSION CONTROL	SHEET E

PRE_56

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\022002-EC.DWG
LAYOUT NAME - 022002-ec

PLOT DATE : 8/31/2020 10:24 AM PLOT BY : AYRES PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

LIMITS OF WETLANDS

LIMITS OF WETLANDS

MATCHLINE STA. 223+00EB

MATCHLINE STA. 229+00EB

224WBT

225WBT

226WBT

227WBT

228WBT

224WB

225WB

USH 2

224EB

225EB

227WB

228WB

228EB

24'

2CC

3CC

LIMITS OF WETLANDS

USH 51

NB

MATCHLINE STA. 116+00NB

NOTE:

TYPE A INLET PROTECTION IS REQUIRED FOR ALL INLETS AFTER INSTALLATION AND BEFORE CURB PLACEMENT.
AFTER CURB PLACEMENT INSTALL TYPE B, C, OR D INLET PROTECTION.
(SEE MISCELLANEOUS QUANTITIES)

LEGEND

- EROSION MAT URBAN CLASS I, TYPE A
- EROSION MAT CLASS II, TYPE C
- EROSION MAT CLASS I, TYPE B
- SILT FENCE
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- RIP RAP MEDIUM
- INLET PROTECTION
- CULVERT PIPE CHECK
- ROCK BAGS

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	EROSION CONTROL	SHEET E

PRE_57

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\022003-EC.DWG
LAYOUT NAME - 022003-ec

PLOT DATE : 8/31/2020 10:24 AM PLOT BY : AYRES PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

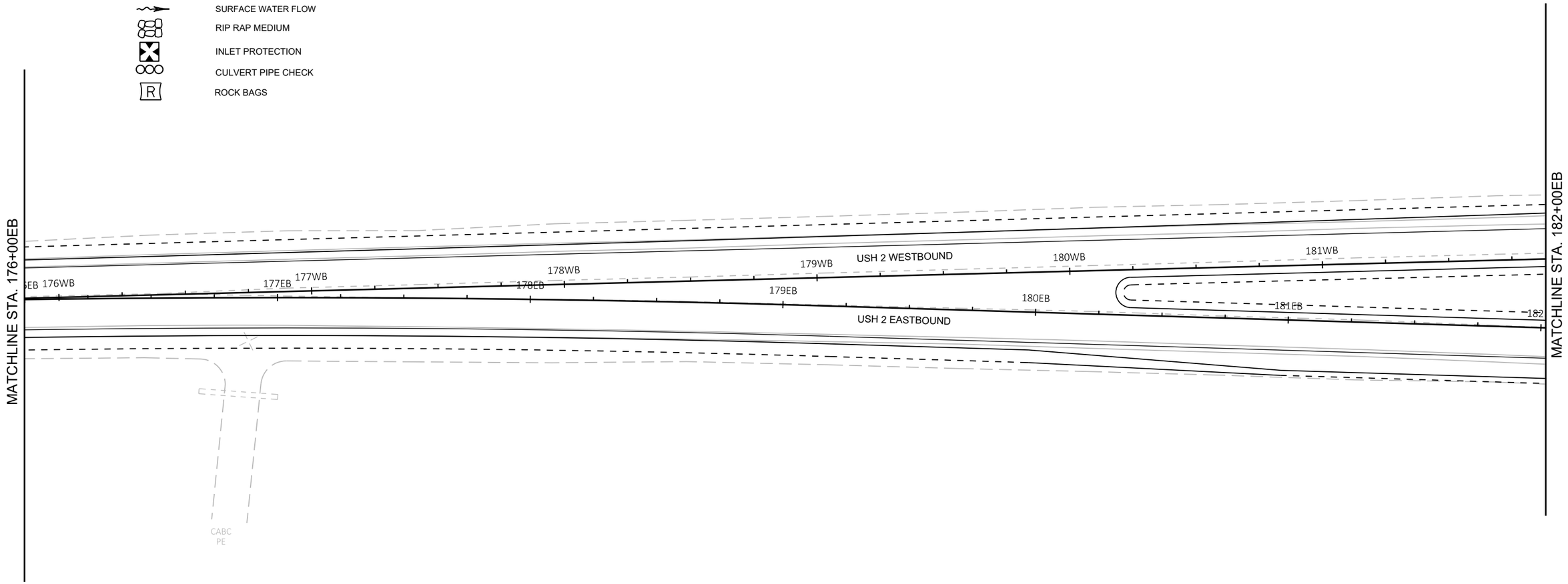
LEGEND

- EROSION MAT URBAN CLASS I, TYPE A
- EROSION MAT CLASS II, TYPE C
- EROSION MAT CLASS I, TYPE B
- SILT FENCE
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- RIP RAP MEDIUM
- INLET PROTECTION
- CULVERT PIPE CHECK
- ROCK BAGS

NOTE:

TYPE A INLET PROTECTION IS REQUIRED FOR ALL INLETS AFTER INSTALLATION AND BEFORE CURB PLACEMENT.
AFTER CURB PLACEMENT INSTALL TYPE B, C, OR D INLET PROTECTION.
(SEE MISCELLANEOUS QUANTITIES)

N



PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	EROSION CONTROL	SHEET E

PRE_58

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\022004-EC.DWG
LAYOUT NAME - 022004-ec

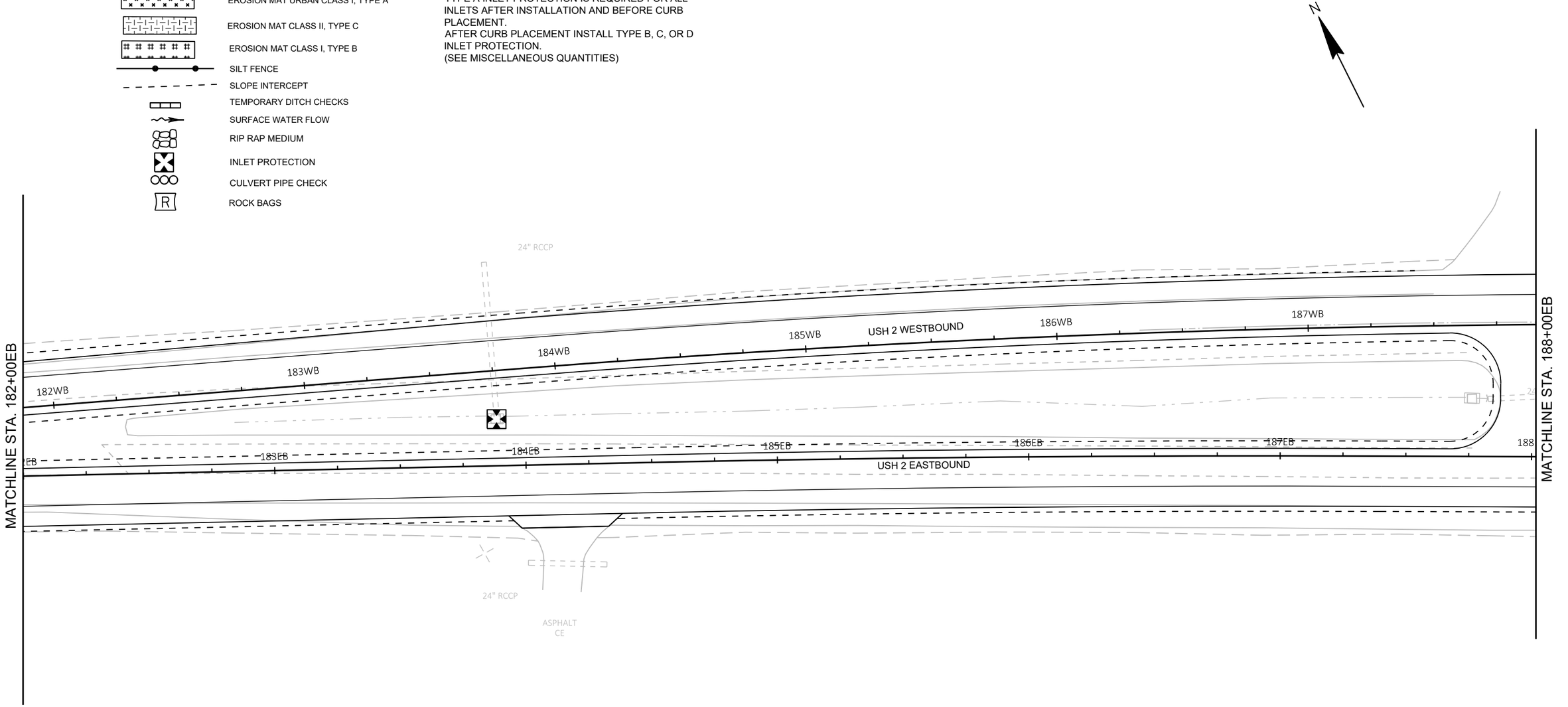
PLOT DATE : 8/31/2020 10:24 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:40 FT

LEGEND

- EROSION MAT URBAN CLASS I, TYPE A
- EROSION MAT CLASS II, TYPE C
- EROSION MAT CLASS I, TYPE B
- SILT FENCE
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- RIP RAP MEDIUM
- INLET PROTECTION
- CULVERT PIPE CHECK
- ROCK BAGS

NOTE:

TYPE A INLET PROTECTION IS REQUIRED FOR ALL INLETS AFTER INSTALLATION AND BEFORE CURB PLACEMENT.
AFTER CURB PLACEMENT INSTALL TYPE B, C, OR D INLET PROTECTION.
(SEE MISCELLANEOUS QUANTITIES)



PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	EROSION CONTROL	SHEET E

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\022005-EC.DWG
LAYOUT NAME - 022005-ec
PLOT DATE : 8/31/2020 10:25 AM
PLOT BY : GARNICA, BRANDON
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

PRE_59

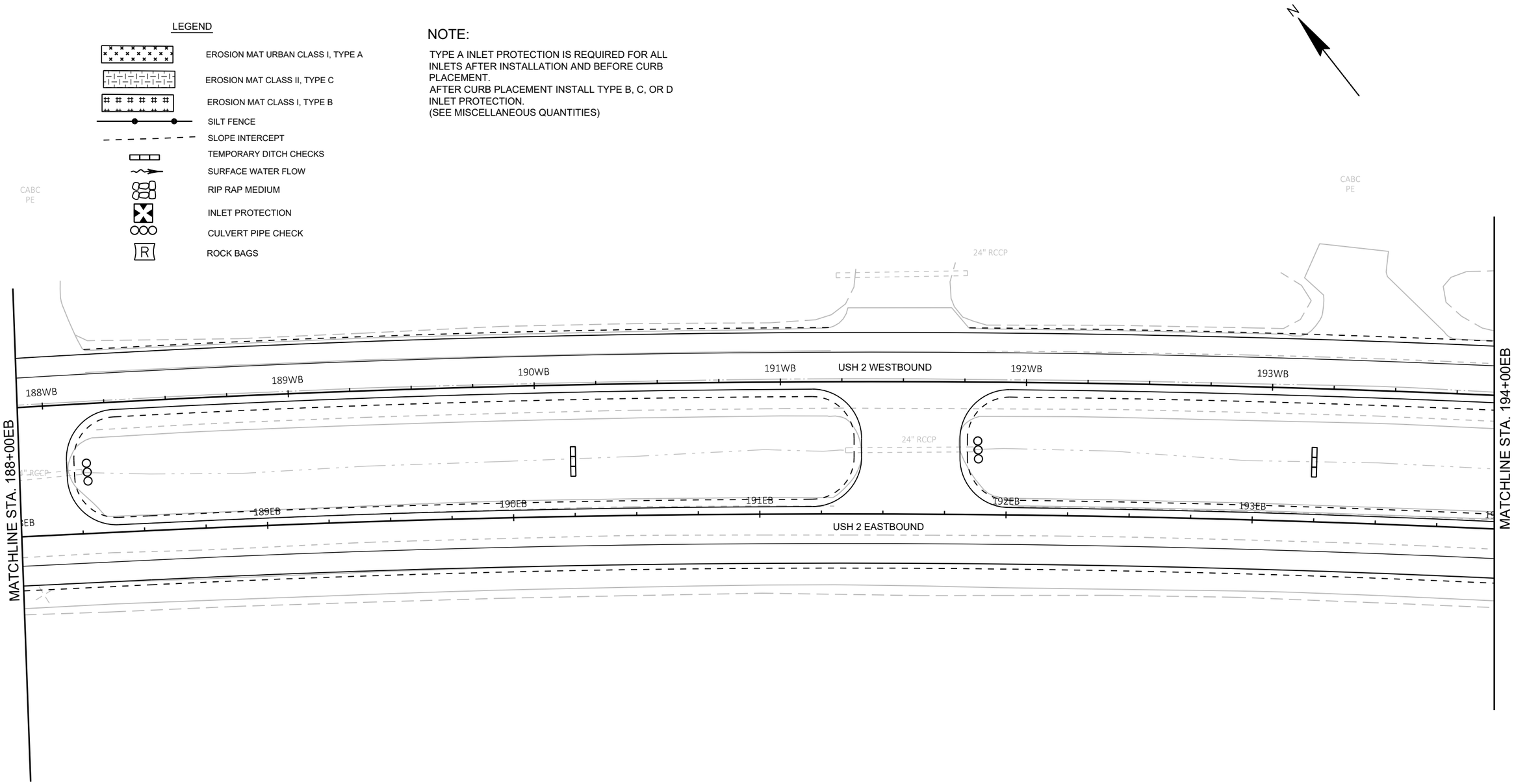
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LEGEND

- EROSION MAT URBAN CLASS I, TYPE A
- EROSION MAT CLASS II, TYPE C
- EROSION MAT CLASS I, TYPE B
- SILT FENCE
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- RIP RAP MEDIUM
- INLET PROTECTION
- CULVERT PIPE CHECK
- ROCK BAGS

NOTE:

TYPE A INLET PROTECTION IS REQUIRED FOR ALL INLETS AFTER INSTALLATION AND BEFORE CURB PLACEMENT.
AFTER CURB PLACEMENT INSTALL TYPE B, C, OR D INLET PROTECTION.
(SEE MISCELLANEOUS QUANTITIES)



PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	EROSION CONTROL	SHEET E

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\022006-EC.DWG
LAYOUT NAME - 022006-ec
PLOT DATE : 8/31/2020 10:25 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:40 FT

PRE_60

WISDOT/CADDS SHEET 42

2

LEGEND

- EROSION MAT URBAN CLASS I, TYPE A
- EROSION MAT CLASS II, TYPE C
- EROSION MAT CLASS I, TYPE B
- SILT FENCE
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- RIP RAP MEDIUM
- INLET PROTECTION
- CULVERT PIPE CHECK
- ROCK BAGS

NOTE:

TYPE A INLET PROTECTION IS REQUIRED FOR ALL INLETS AFTER INSTALLATION AND BEFORE CURB PLACEMENT.
AFTER CURB PLACEMENT INSTALL TYPE B, C, OR D INLET PROTECTION.
(SEE MISCELLANEOUS QUANTITIES)

CENTER DRIVE

36"RCCP

194WB 195WB 196WB 197WB USH 2 WESTBOUND 198WB 199WB

INLET

194EB 195EB 196EB 197EB 198EB 199EB

USH 2 EASTBOUND

LIMITS OF WETLANDS

CENTER DRIVE

18" CMP

15" CMP

MATCHLINE STA. 200+00EB

2

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	EROSION CONTROL	SHEET E

PRE_61

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\022007-EC.DWG
LAYOUT NAME - 022007-ec

PLOT DATE : 8/31/2020 10:25 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

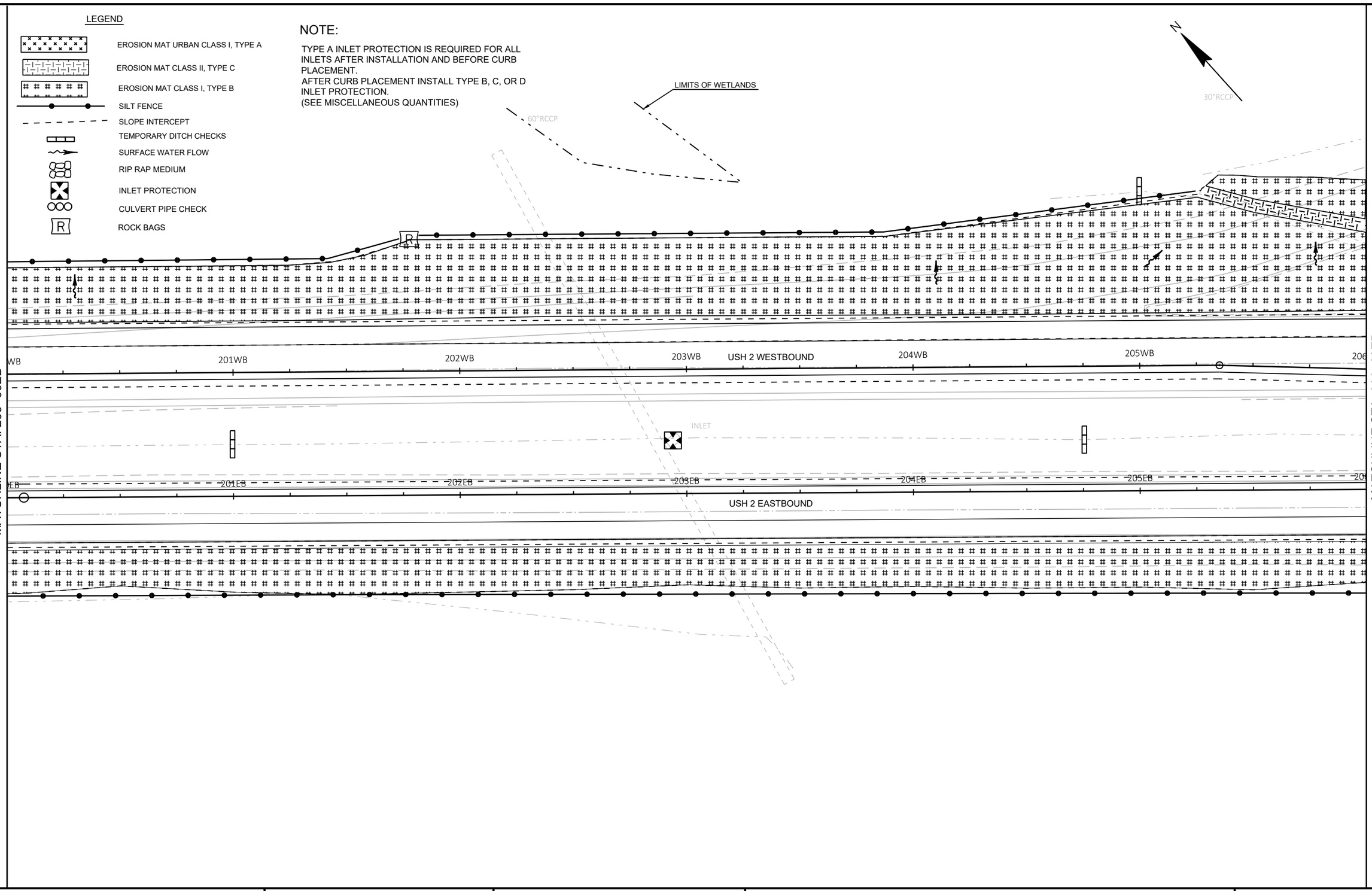
2

LEGEND

- EROSION MAT URBAN CLASS I, TYPE A
- EROSION MAT CLASS II, TYPE C
- EROSION MAT CLASS I, TYPE B
- SILT FENCE
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- RIP RAP MEDIUM
- INLET PROTECTION
- CULVERT PIPE CHECK
- ROCK BAGS

NOTE:

TYPE A INLET PROTECTION IS REQUIRED FOR ALL INLETS AFTER INSTALLATION AND BEFORE CURB PLACEMENT.
AFTER CURB PLACEMENT INSTALL TYPE B, C, OR D INLET PROTECTION.
(SEE MISCELLANEOUS QUANTITIES)



2

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	EROSION CONTROL	SHEET E

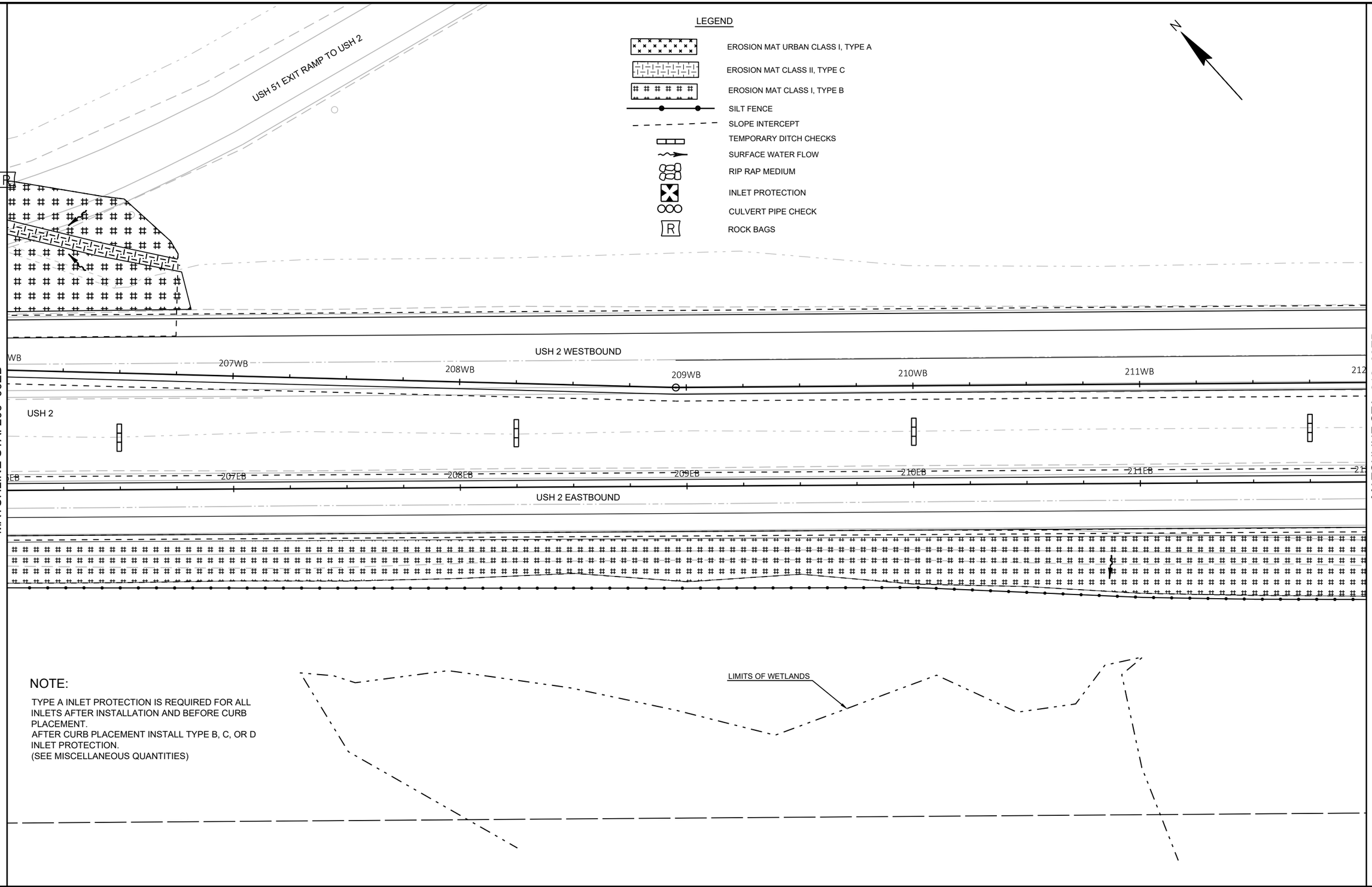
PRE_62

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\022008-EC.DWG
LAYOUT NAME - 022008-ec

PLOT DATE : 8/31/2020 10:25 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2



NOTE:

TYPE A INLET PROTECTION IS REQUIRED FOR ALL INLETS AFTER INSTALLATION AND BEFORE CURB PLACEMENT.
AFTER CURB PLACEMENT INSTALL TYPE B, C, OR D INLET PROTECTION.
(SEE MISCELLANEOUS QUANTITIES)

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	EROSION CONTROL	SHEET E

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\022009-EC.DWG
LAYOUT NAME - 022009-ec
PLOT DATE : 8/31/2020 10:25 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:40 FT

PRE_63

2

LEGEND

- EROSION MAT URBAN CLASS I, TYPE A
- EROSION MAT CLASS II, TYPE C
- EROSION MAT CLASS I, TYPE B
- SILT FENCE
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- RIP RAP MEDIUM
- INLET PROTECTION
- CULVERT PIPE CHECK
- ROCK BAGS

NOTE:

TYPE A INLET PROTECTION IS REQUIRED FOR ALL INLETS AFTER INSTALLATION AND BEFORE CURB PLACEMENT.
AFTER CURB PLACEMENT INSTALL TYPE B, C, OR D INLET PROTECTION.
(SEE MISCELLANEOUS QUANTITIES)

N

USH 2 EXIT RAMP

LIMITS OF WETLANDS

USH 2 WESTBOUND

213WB 214WB 215WB 216WB 217WB

INLET

213EB 214EB 215EB 216EB 217EB

USH 2 EASTBOUND

LIMITS OF WETLANDS

24"RCCP

MATCHLINE STA. 212+00EB

MATCHLINE STA. 218+00EB

2

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	EROSION CONTROL	SHEET E

PRE_64

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\022010-EC.DWG
LAYOUT NAME - 022010-ec

PLOT DATE : 8/31/2020 10:26 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EROSION MAT URBAN CLASS I, TYPE A
- EROSION MAT CLASS II, TYPE C
- EROSION MAT CLASS I, TYPE B
- SILT FENCE
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- RIP RAP MEDIUM
- INLET PROTECTION
- CULVERT PIPE CHECK
- ROCK BAGS (R)

NOTE:

TYPE A INLET PROTECTION IS REQUIRED FOR ALL INLETS AFTER INSTALLATION AND BEFORE CURB PLACEMENT.
AFTER CURB PLACEMENT INSTALL TYPE B, C, OR D INLET PROTECTION.
(SEE MISCELLANEOUS QUANTITIES)

LIMITS OF WETLANDS

USH 51

N

MATCHLINE STA. 218+00EB

USH 2 WESTBOUND

219WBT 220WBT 221WBT 222WBT 223W

WB 219WB 220WB 221WB 222WB 223

EB 219EB 220EB 221EB 222EB 22

USH 2 EASTBOUND

MATCHLINE STA. 223+00EB

36"RCCP

R

2

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	EROSION CONTROL	SHEET E

PRE_65

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\022011-EC.DWG
LAYOUT NAME - 022011-ec

PLOT DATE : 8/31/2020 10:26 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

NOTE:

TYPE A INLET PROTECTION IS REQUIRED FOR ALL INLETS AFTER INSTALLATION AND BEFORE CURB PLACEMENT.
AFTER CURB PLACEMENT INSTALL TYPE B, C, OR D INLET PROTECTION.
(SEE MISCELLANEOUS QUANTITIES)

EXISTING R/W

MATCHLINE STA. 229+00EB

229WBT

230WBT

230WB

231WB

232WB

233WB

234WB

USH 2 WESTBOUND

USH 2

232EB

233EB

234EB

USH 2 EASTBOUND

CONSTRUCTION LIMITS
STA. 231+63.10EB

LIMITS OF WETLANDS

EXISTING R/W

LEGEND

- EROSION MAT URBAN CLASS I, TYPE A
- EROSION MAT CLASS II, TYPE C
- EROSION MAT CLASS I, TYPE B
- SILT FENCE
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- RIP RAP MEDIUM
- INLET PROTECTION
- CULVERT PIPE CHECK
- ROCK BAGS

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	EROSION CONTROL	SHEET E

PRE_66

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\022012-EC.DWG
LAYOUT NAME - 022012-ec

PLOT DATE : 8/31/2020 10:26 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EROSION MAT URBAN CLASS I, TYPE A
- EROSION MAT CLASS II, TYPE C
- EROSION MAT CLASS I, TYPE B
- SILT FENCE
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- RIP RAP MEDIUM
- INLET PROTECTION
- CULVERT PIPE CHECK
- ROCK BAGS (R)
- ASPHALTIC FLUME (ASPH)

N

EXISTING R/W

REST AREA EXIT

EXISTING R/W

CP#1

BEGIN TEMPORARY PAVEMENT
STAGE 1-STA. 9+15TRN

ASPH

8TRN

9TRN

10TRN

11TRN

18"CMCP

12TRN

13TRN

14TRN

15T

CP#2

101'

USH 51

MATCH LINE STA. 15+00TRN

2

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	EROSION CONTROL-TEMPORARY	SHEET E

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\022013-EC.DWG
LAYOUT NAME - 022013-ec

PLOT DATE : 8/31/2020 10:26 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:50 FT

PRE_67

WISDOT/CADDS SHEET 42

2

LEGEND

- EROSION MAT URBAN CLASS I, TYPE A
- EROSION MAT CLASS II, TYPE C
- EROSION MAT CLASS I, TYPE B
- SILT FENCE
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- RIP RAP MEDIUM
- INLET PROTECTION
- CULVERT PIPE CHECK
- ROCK BAGS (R)
- ASPHALTIC FLUME (ASPH)

N

P.L

EXISTING R/W

EXISTING R/W

SLOPE INTERCEPTS

SLOPE INTERCEPTS

MATCH LINE STA. 15+00TRN

MATCH LINE STA. 23+00TRN

RN

16TRN

17TRN

18TRN

19TRN

20TRN

21TRN

22TRN

23TRN

17'

12'

USH 51

USH 2

2

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	EROSION CONTROL-TEMPORARY	SHEET E

PRE_68

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\022014-EC.DWG
LAYOUT NAME - 022014-ec

PLOT DATE : 9/1/2020 6:46 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EROSION MAT URBAN CLASS I, TYPE A
- EROSION MAT CLASS II, TYPE C
- EROSION MAT CLASS I, TYPE B
- SILT FENCE
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- RIP RAP MEDIUM
- INLET PROTECTION
- CULVERT PIPE CHECK
- R — ROCK BAGS
- ASPH — ASPHALTIC FLUME

N

EXISTING R/W

INLET

27TRN

26TRN

28TRN

SLOPE INTERCEPTS

EXISTING R/W

25TRN

36"RCCP

24TRN

SLOPE INTERCEPTS

USH 2

END TEMPORARY PAVEMENT
STA. 27+11TRN

MATCH LINE STA. 23+00TRN

2

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	EROSION CONTROL-TEMPORARY	SHEET E

PRE_69

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\022015-EC.DWG
LAYOUT NAME - 022015-ec

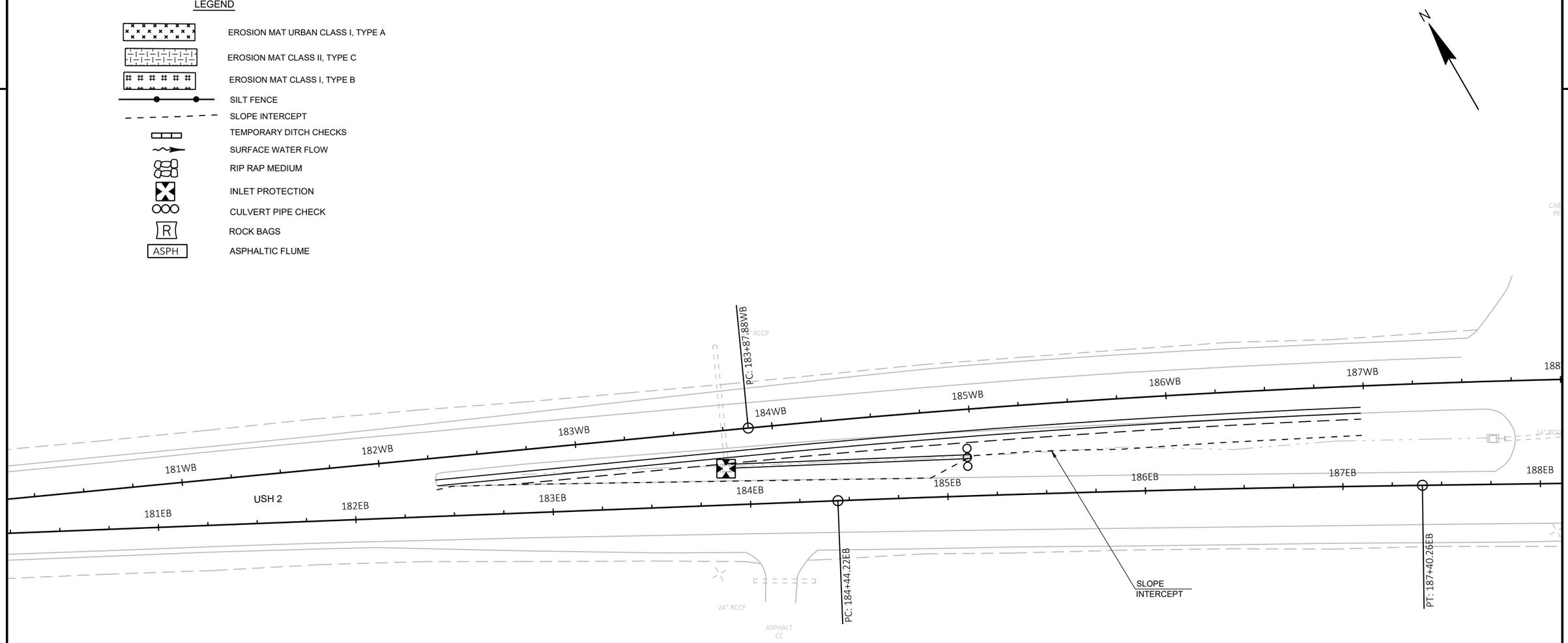
PLOT DATE : 8/31/2020 10:27 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EROSION MAT URBAN CLASS I, TYPE A
- EROSION MAT CLASS II, TYPE C
- EROSION MAT CLASS I, TYPE B
- SILT FENCE
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- RIP RAP MEDIUM
- INLET PROTECTION
- CULVERT PIPE CHECK
- ROCK BAGS (R)
- ASPHALTIC FLUME (ASPH)



PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	EROSION CONTROL-TEMPORARY	SHEET E

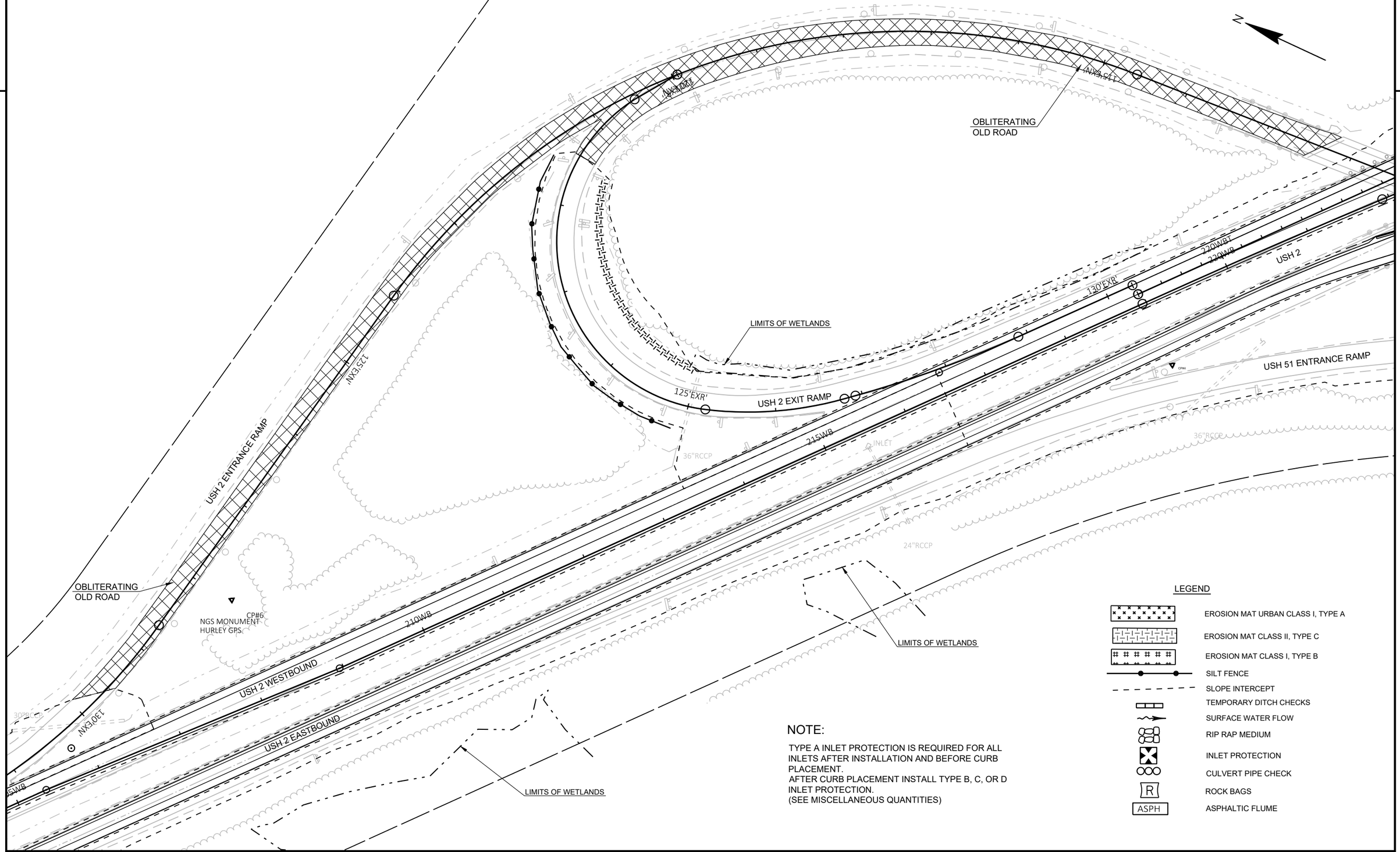
PRE_70

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\022016-EC.DWG
LAYOUT NAME - 022016-ec

PLOT DATE : 8/31/2020 10:27 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 42

2



NOTE:

TYPE A INLET PROTECTION IS REQUIRED FOR ALL INLETS AFTER INSTALLATION AND BEFORE CURB PLACEMENT.
AFTER CURB PLACEMENT INSTALL TYPE B, C, OR D INLET PROTECTION.
(SEE MISCELLANEOUS QUANTITIES)

LEGEND

- EROSION MAT URBAN CLASS I, TYPE A
- EROSION MAT CLASS II, TYPE C
- EROSION MAT CLASS I, TYPE B
- SILT FENCE
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- RIP RAP MEDIUM
- INLET PROTECTION
- CULVERT PIPE CHECK
- ROCK BAGS (R)
- ASPHALTIC FLUME (ASPH)

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	DETAIL FOR EROSION CONTROL AND ROADWAY OBLITERATION	SHEET E

PRE_71

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\022017-EC.DWG
LAYOUT NAME - 022017-ec
PLOT DATE : 8/31/2020 10:27 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

BURIED ELECTRIC
(APPROXIMATE LOCATION)

EXISTING R/W

CENTURY LINK

XCEL ENERGY

18"CMCP

108NB

109NB

110NB

111NB

112NB

113SB

113NB

114SB

114NB

115SB

115NB

116SB

116NB

USH 51

BEGIN PROJECT
STA. 108+36NB

STA 114+74 SB, 2.0' R
INLETS 4-HM (1)

STA 115+37 SB, 2.0' R
INLETS 4-HM (2)

STA 115+91 SB, 2.0' R
INLETS 4-HM (3)

STA 116+08 SB, 2.0' R
CATCH BASINS 6-HM (4)

STA 116+38 SB, 18.0' L
CATCH BASINS 5-HM (5)

STA 116+29 SB, 88.1' L
APRON ENDWALLS FOR CPRC 24-INCH (6)

STA 116+80 SB, 9.5' R
INLETS 2x3-HM (5A)

STA 114+69 NB, 2.0' L
INLETS 2x3-HM (1A)

STA 114+85 NB, 37.4' R
INLETS 2x3-HM (7)

STA 114+86 NB, 77.5' R
APRON ENDWALLS FOR CPRC 12-INCH (7A)

STA 115+89 NB, 2.0' L
INLETS 2x3-HM (4B)

STA 116+00 NB, 18.0' R
INLETS 2x3-HM (4A)

CENTURY LINK
STA 115+66 NB, 110.1' R
APRON ENDWALLS FOR CPRC 15-INCH (8B)

STA 116+02 NB, 68.7' R
INLETS 2x3-HM (8A)

STA 116+16 NB, 50.1' R
INLETS 2x3-HM (8)

XCEL ENERGY

MONUMENT
GPS

MONUMENT

USH 2

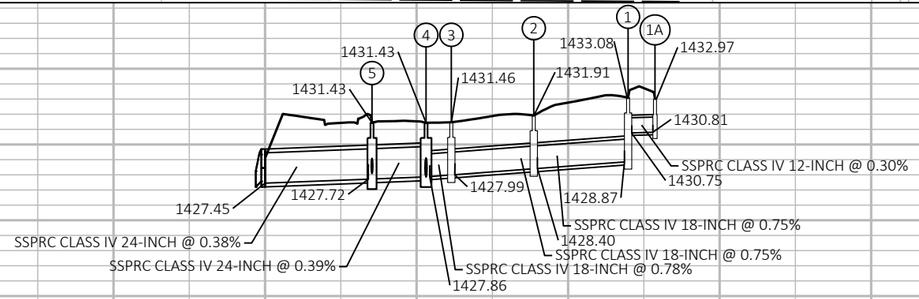
MERIT NETWORK

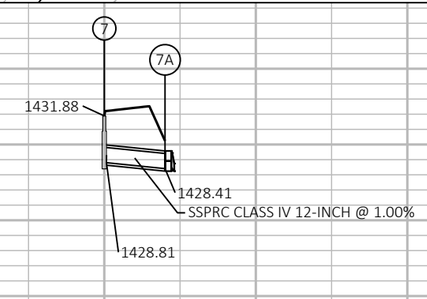
EXISTING R/W

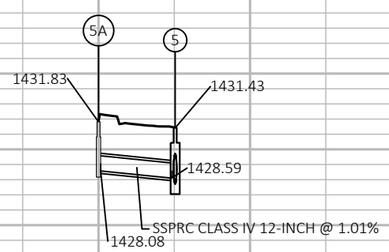
22TWB

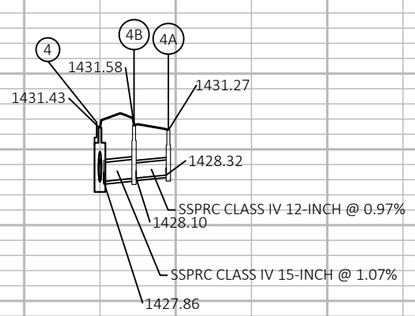
25SWB

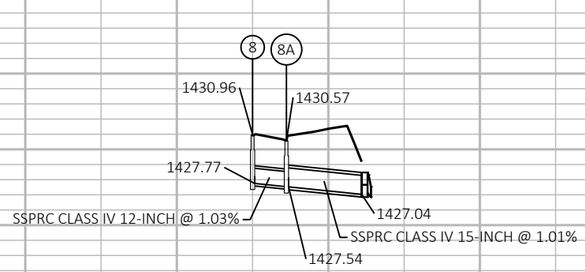
N











PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	STORM SEWER	SHEET E

PRE_72

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\022501-SS.DWG
LAYOUT NAME - 022501-ss

PLOT DATE : 8/31/2020 10:28 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

STA 225+24 WB, 12.4' R
INLETS 4-HM
11B

STA 224+25 WB, 61.9' L
APRON ENDWALLS FOR CPRC 18-INCH
11F

STA 224+25 WB, 24.2' L
INLETS 2x3-H
11E

STA 224+26 WB, 18.1' L
INLETS 2x3-H
11D

STA 224+42 WB, 2.0' R
INLETS 4-HM
11C

STA 1+00 CC, 2.0' L
INLETS 2x2.5-T
11

STA 1+10 CC, 2.0' L
INLETS 2x2.5-T
11A

STA 226+73 WB, 6.4' R
INLETS 2x3-HM
12

STA 226+61 WB, 72.7' L
INLETS 2x3-HM
13D

STA 227+79 WB, 54.2' L
INLETS 4-HM
13A

STA 227+99 WB, 95.2' L
APRON ENDWALLS FOR CPRC 18-INCH
13

STA 228+56 WB, 18.0' L
INLETS 2x3-HM
14

STA 228+79 WB, 2.0' R
INLETS 4-HM
14A

STA 228+76 EB, 2.0' L
INLETS 4-HM
14B

STA 228+50 EB, 34.3' R
INLETS 4-HM
14C

STA 228+39 EB, 36.3' R
INLETS 4-HM
13B

STA 228+53 EB, 75.0' R
APRON ENDWALLS FOR CPRC 24-INCH
13C

STA 227+53 EB, 18.7' R
INLETS 2x3-HM
12A

STA 227+56 EB, 45.5' R
INLETS 4-HM
12C

STA 227+72 EB, 99.3' R
APRON ENDWALLS FOR CPRC 18-INCH
12E

STA 227+53 EB, 23.9' R
INLETS 2x3-HM
12B

STA 226+91 EB, 23.6' R
INLETS 2x3-H
12D

STA 223+82 EB, 17.0' R
INLETS 2x3-HM
10

STA 223+81 EB, 25.6' R
INLETS 2x3-HM
10A

STA 223+75 EB, 44.3' R
INLETS 2x3-HM
10B

STA 223+59 EB, 75.1' R
APRON ENDWALLS FOR CPRC 15-INCH
10C

STA 225+10 EB, 54.2' R
INLETS 2x3-HM
9

STA 225+13 EB, 76.2' RT
INLETS 2x3-HM
9A

STA 224+24 EB, 116.8' R
APRON ENDWALLS FOR CPRC 15-INCH
9B

MERIT NETWORK

USH 2

USH 51

NGS MONUMENT

NGS MONUMENT
HOLLEY CORS ARP

EXISTING R/W

EXISTING R/W

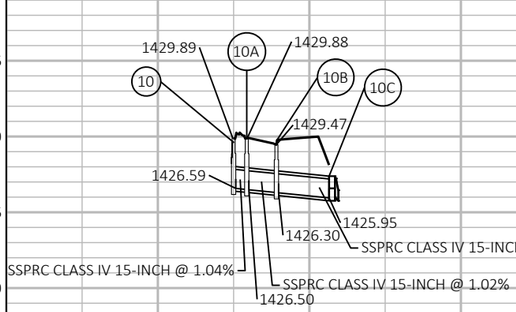
CENTURY LINK

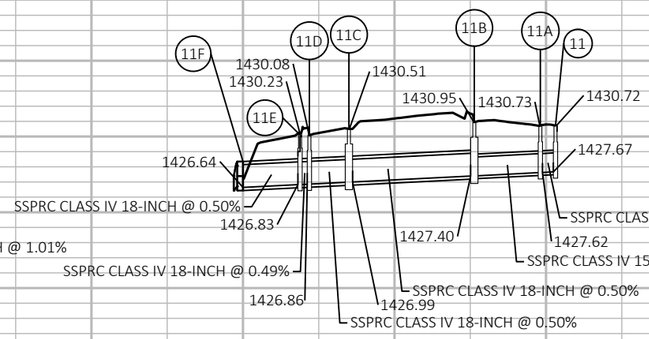
XCEL ENERGY

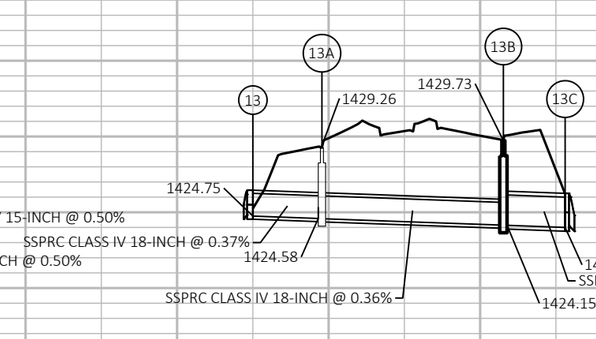
36"RCCP

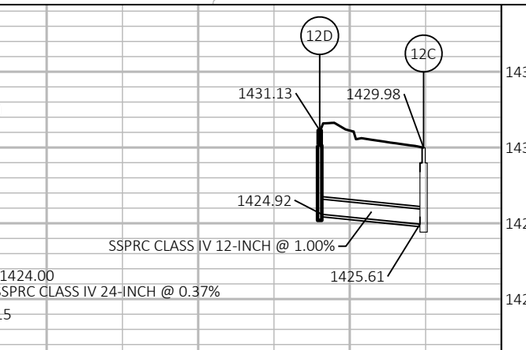
219WB 220WB 221WB 222WB 223WB 224WB 225WB 227WB 228WB 229WB 230WB 231WB 232WB 233WB

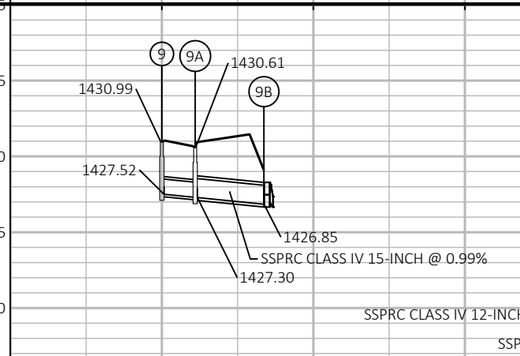
219EB 220EB 221EB 222EB 223EB 224EB 227EB 228EB 229EB 230EB 231EB 232EB 233EB

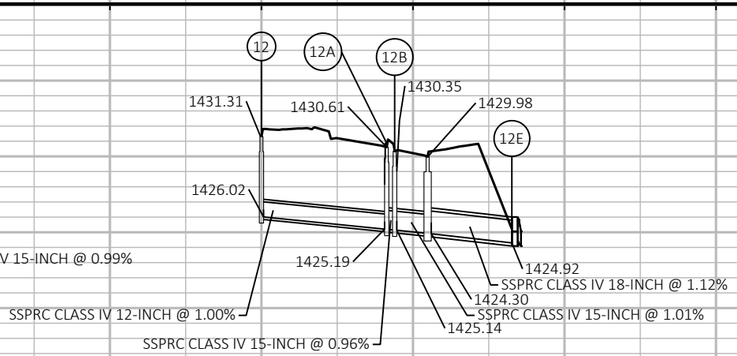


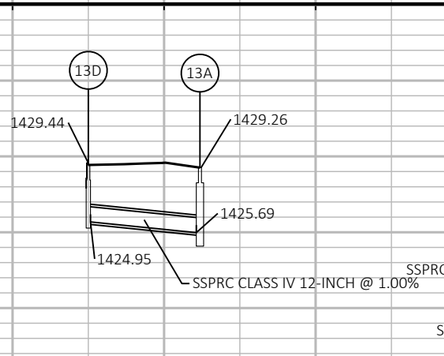


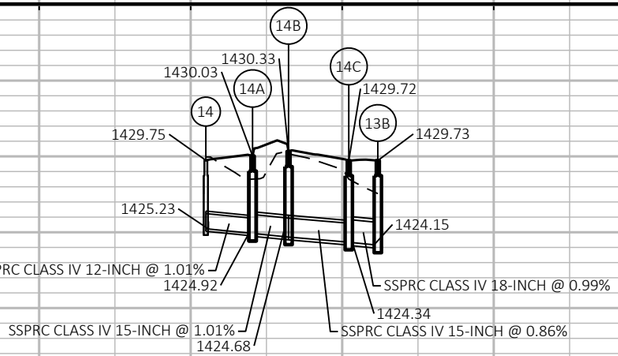










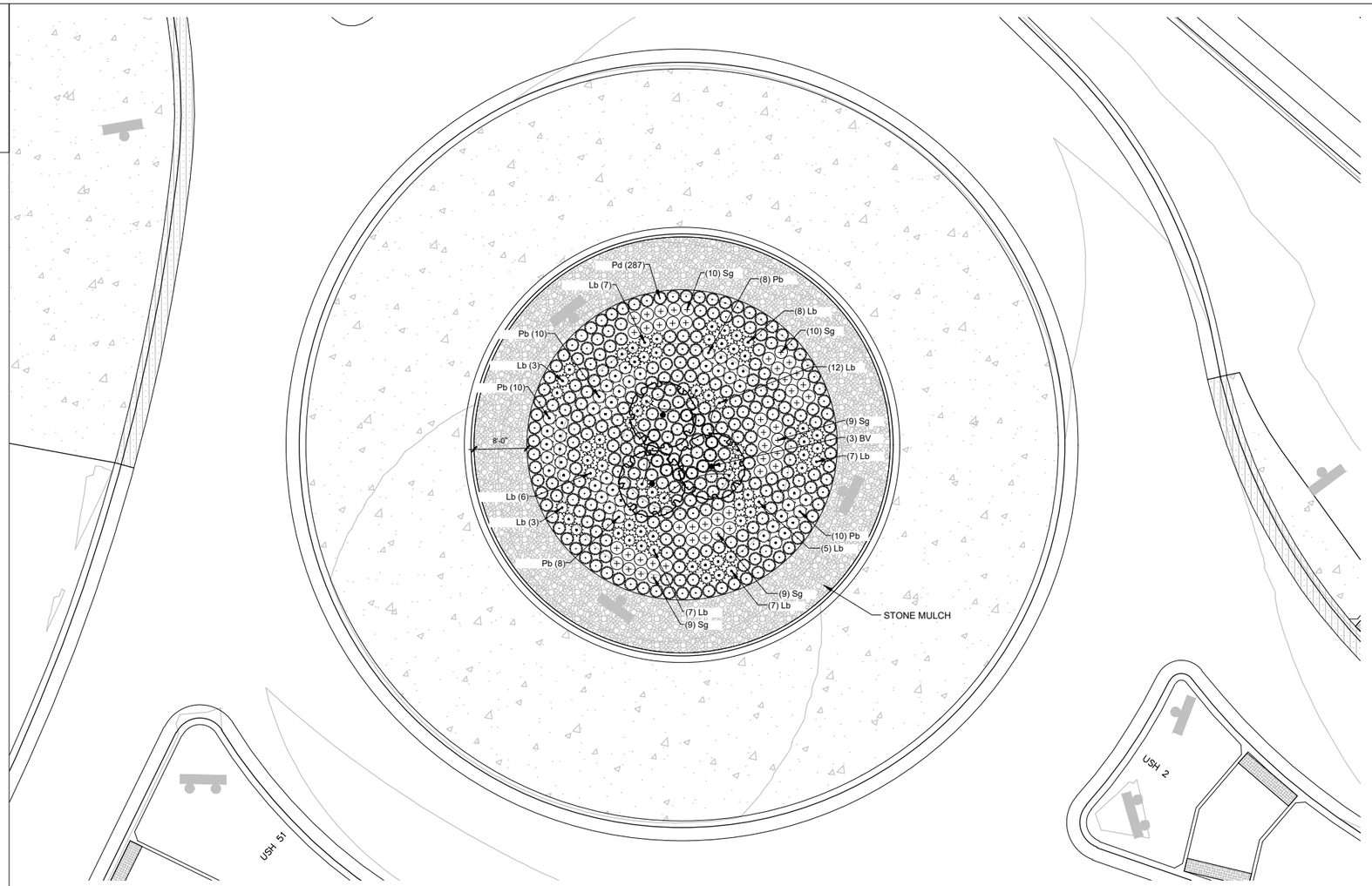


PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	STORM SEWER	SHEET E

PRE_73

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\022502-SS.DWG
LAYOUT NAME - 022502-ss

PLOT DATE : 8/31/2020 10:28 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:100 FT



LEGEND

STONE MULCH

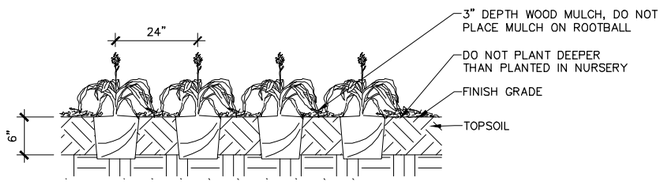
LARGE SHRUB

PERENNIAL/GRASSES

PLANT LEGEND

TREES	COMMON NAME
BV	BLACKHAW VIBURNUM
PERENNIALS	**COMMON NAME**
Lb	LITTLE BLUESTEM
Pb	PRAIRIE BLAZING STAR
Pd	PRAIRIE DROPSEED
Sg	SHOWY GOLDENROD

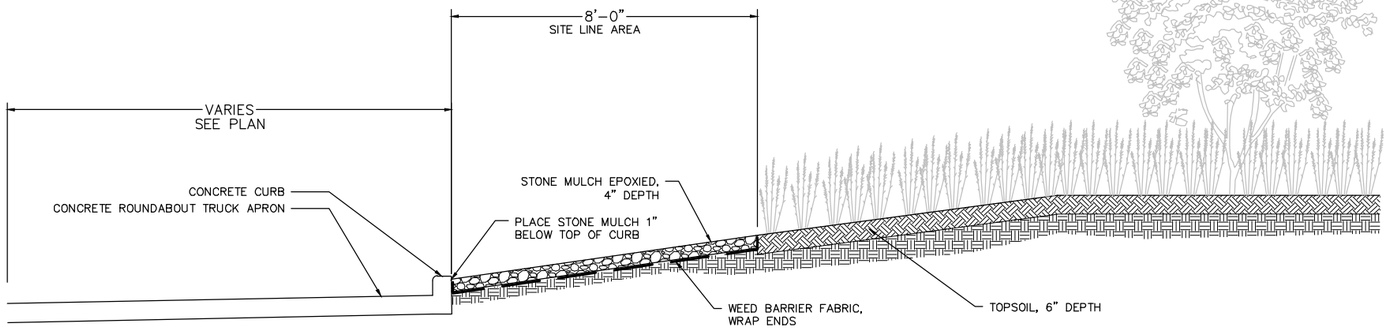
NOTES:
1. PLANTED AREAS TO RECEIVE 3" DEPTH WOOD MULCH.
2. LANDSCAPE BED IN ROUNDABOUT TO HAVE 6" DEPTH OF TOPSOIL.
3. ALL PERENNIAL PLANTS AND GRASSES SHALL BE PLANTED 24" O.C. WITH TRIANGULAR SPACING WHERE POSSIBLE.



NOTE: PLANT WITH TRIANGULAR SPACING WHEREVER POSSIBLE.

PERENNIAL PLANTING

SCALE: NTS



TYPICAL SECTION

SCALE: NTS

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	LANDSCAPE PLAN	SHEET E

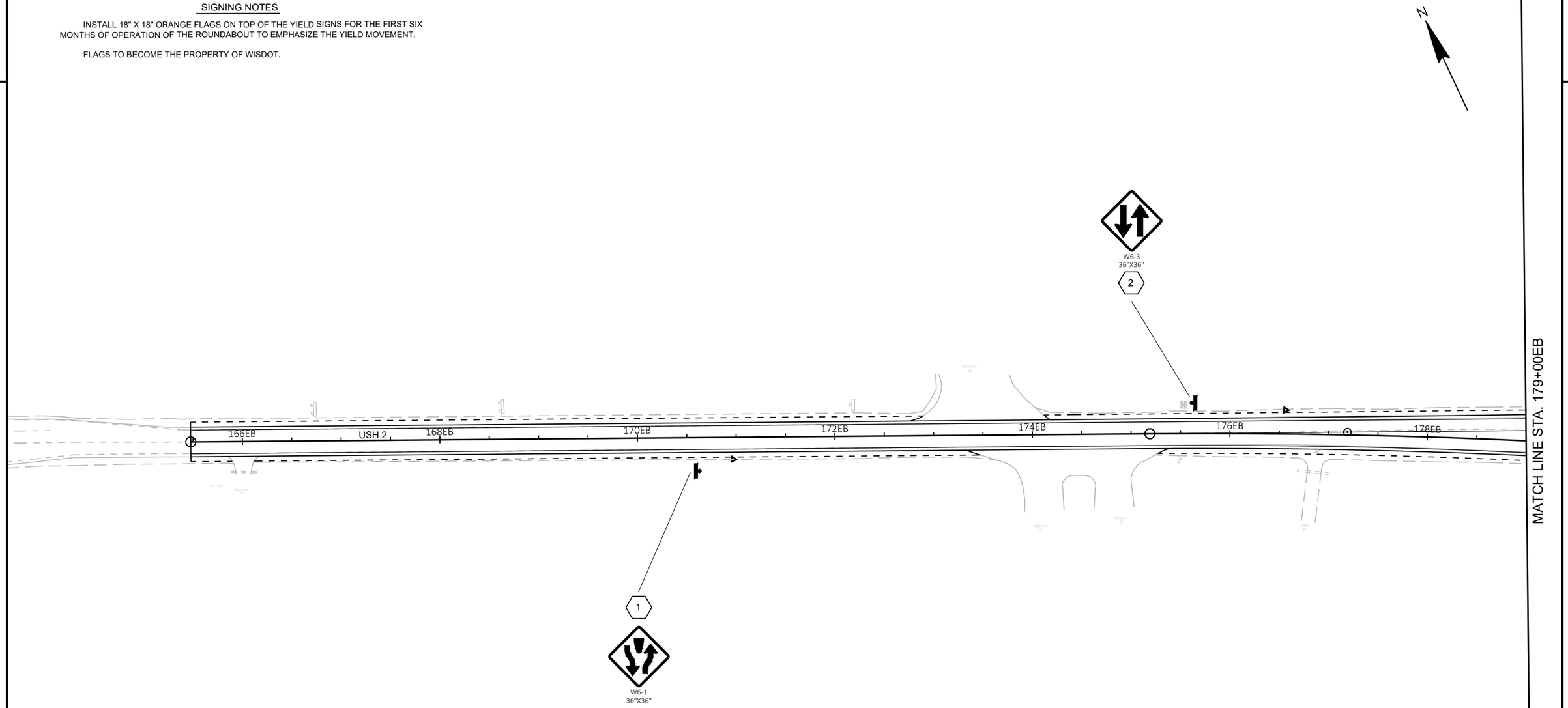
FILE NAME : I:\52\GROUP\45-\45-0466.00-USH51-USH2 ROUNDABOUT\3PROD\AUTOCAD\P-LS.DWG PLOT DATE : 7/14/2020 2:24 PM PLOT BY : MORROW, BRUCE PLOT NAME : PLOT SCALE : 1IN:20FT

PRE_74

SIGNING NOTES

INSTALL 18" X 18" ORANGE FLAGS ON TOP OF THE YIELD SIGNS FOR THE FIRST SIX MONTHS OF OPERATION OF THE ROUNDABOUT TO EMPHASIZE THE YIELD MOVEMENT.

FLAGS TO BECOME THE PROPERTY OF WISDOT.



LEGEND

- WOOD POST WITH SIGN
- POSTS TUBULAR STEEL 2X2-INCH WITH SIGN
- SIGN-PLACE NEW
- 18"X18" TEMPORARY ORANGE FLAG

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PERMANENT SIGNING	SHEET E

PRE_75

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - 023201-ps

PLOT DATE : 8/31/2020 10:28 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

SIGNING NOTES

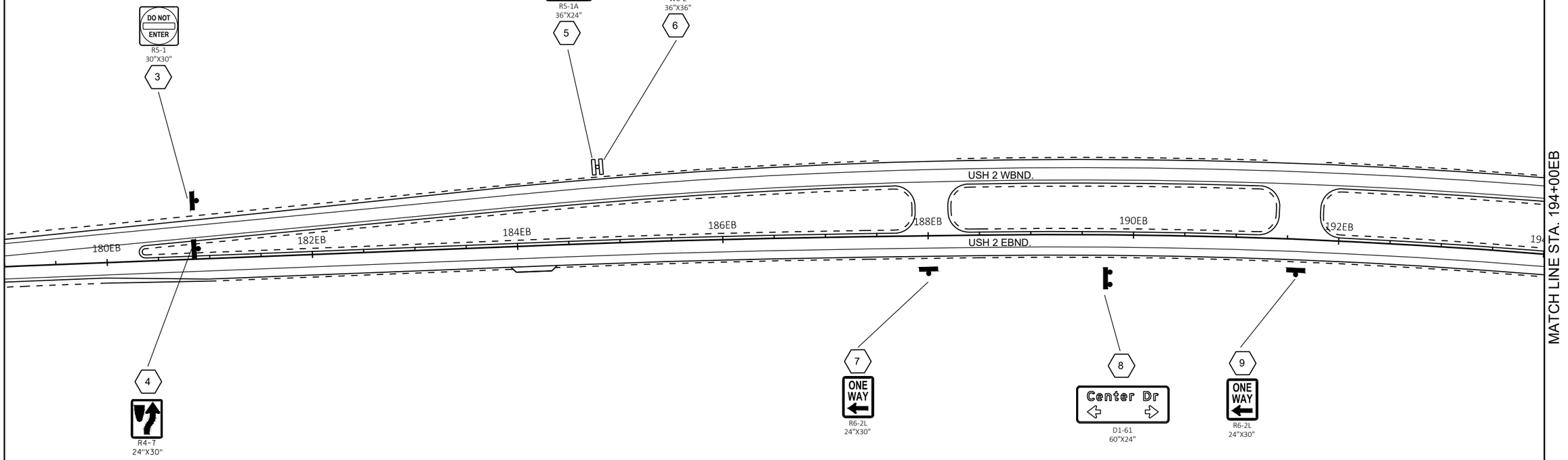
INSTALL 18" X 18" ORANGE FLAGS ON TOP OF THE YIELD SIGNS FOR THE FIRST SIX MONTHS OF OPERATION OF THE ROUNDABOUT TO EMPHASIZE THE YIELD MOVEMENT.

FLAGS TO BECOME THE PROPERTY OF WISDOT.

N

MATCH LINE STA. 179+00EB

MATCH LINE STA. 194+00EB



LEGEND

- WOOD POST WITH SIGN
- POSTS TUBULAR STEEL 2X2-INCH WITH SIGN
- SIGN-PLACE NEW
- 18"X18" TEMPORARY ORANGE FLAG

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PERMANENT SIGNING	SHEET E

PRE_76

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\023202-PS.DWG
LAYOUT NAME - 023202-ps

PLOT DATE : 8/31/2020 12:56 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

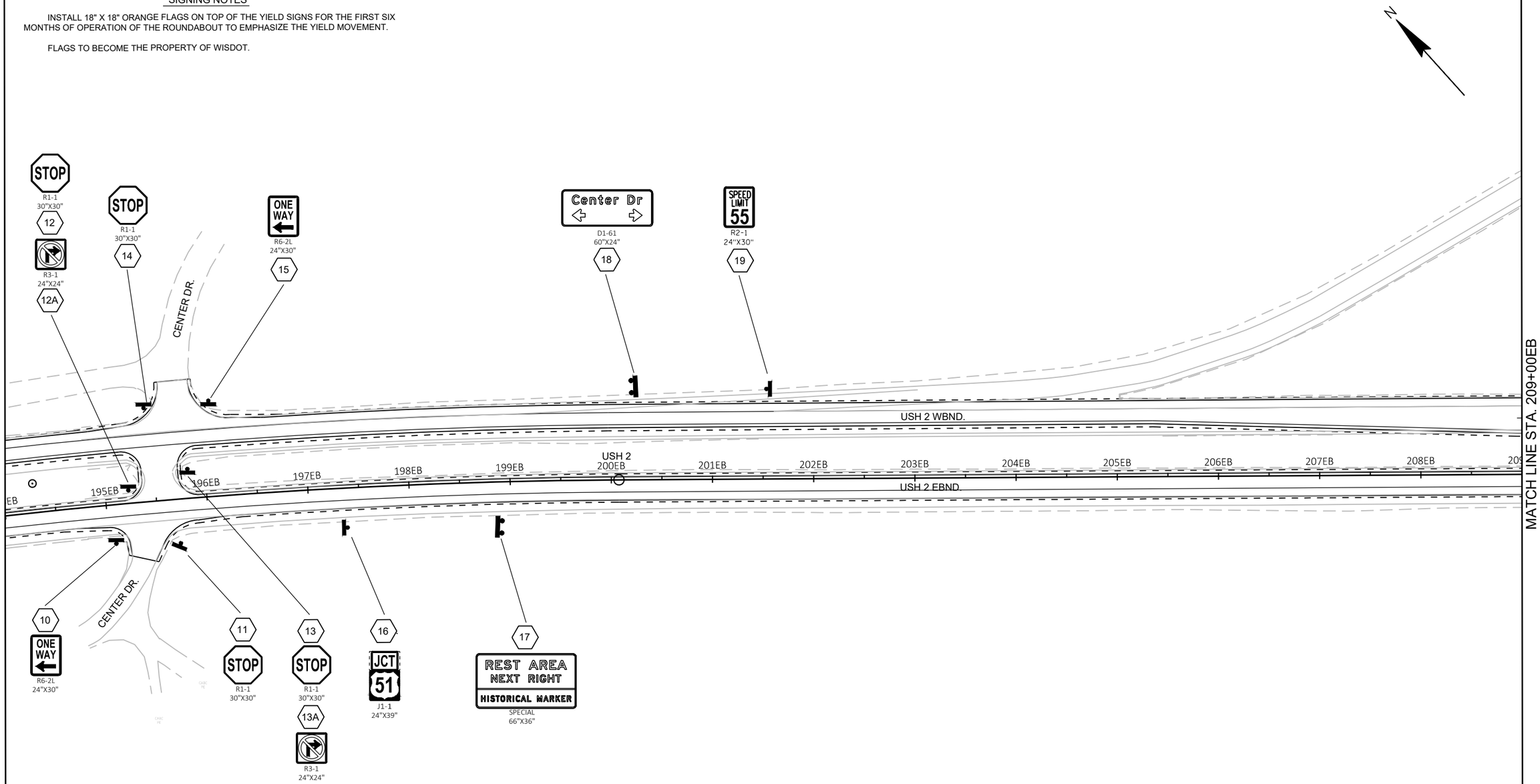
2

2

SIGNING NOTES

INSTALL 18" X 18" ORANGE FLAGS ON TOP OF THE YIELD SIGNS FOR THE FIRST SIX MONTHS OF OPERATION OF THE ROUNDABOUT TO EMPHASIZE THE YIELD MOVEMENT.

FLAGS TO BECOME THE PROPERTY OF WISDOT.



LEGEND

- WOOD POST WITH SIGN
- POSTS TUBULAR STEEL 2X2-INCH WITH SIGN
- SIGN-PLACE NEW
- 18"X18" TEMPORARY ORANGE FLAG

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PERMANENT SIGNING	SHEET E

PRE_77

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\023203-PS.DWG
LAYOUT NAME - 023203-ps

PLOT DATE : 8/31/2020 1:05 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

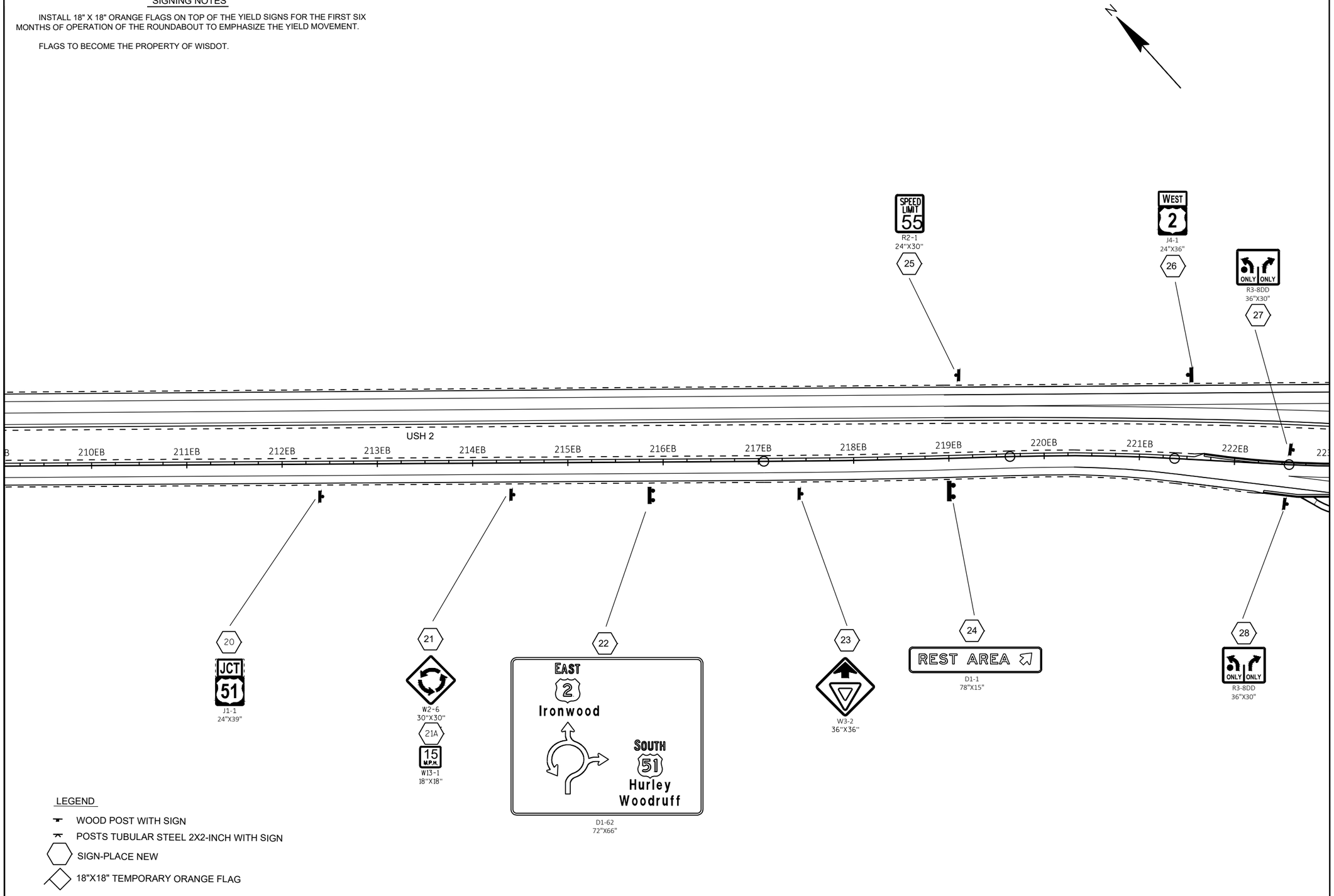
WISDOT/CADDS SHEET 42

2

SIGNING NOTES

INSTALL 18" X 18" ORANGE FLAGS ON TOP OF THE YIELD SIGNS FOR THE FIRST SIX MONTHS OF OPERATION OF THE ROUNDABOUT TO EMPHASIZE THE YIELD MOVEMENT.

FLAGS TO BECOME THE PROPERTY OF WISDOT.



LEGEND

- WOOD POST WITH SIGN
- POSTS TUBULAR STEEL 2X2-INCH WITH SIGN
- SIGN-PLACE NEW
- 18"X18" TEMPORARY ORANGE FLAG

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PERMANENT SIGNING	SHEET E

PRE_78

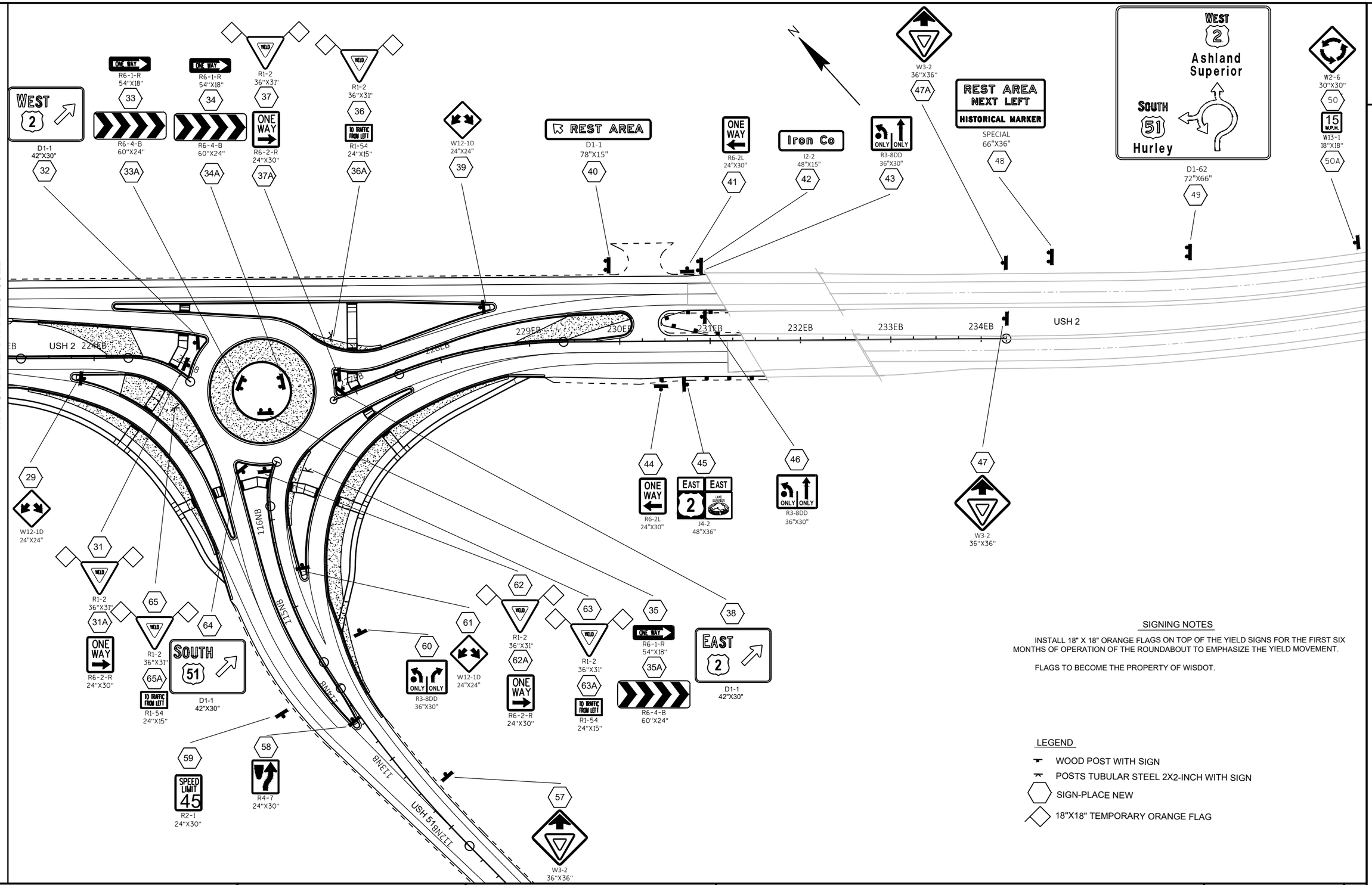
FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\023204-PS.DWG
LAYOUT NAME - 023204-ps

PLOT DATE : 8/31/2020 1:42 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

MATCH LINE STA. 223+00EB



SIGNING NOTES

INSTALL 18" X 18" ORANGE FLAGS ON TOP OF THE YIELD SIGNS FOR THE FIRST SIX MONTHS OF OPERATION OF THE ROUNDABOUT TO EMPHASIZE THE YIELD MOVEMENT.

FLAGS TO BECOME THE PROPERTY OF WISDOT.

LEGEND

- WOOD POST WITH SIGN
- POSTS TUBULAR STEEL 2X2-INCH WITH SIGN
- SIGN-PLACE NEW
- 18"X18" TEMPORARY ORANGE FLAG

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PERMANENT SIGNING	SHEET E

PRE_79

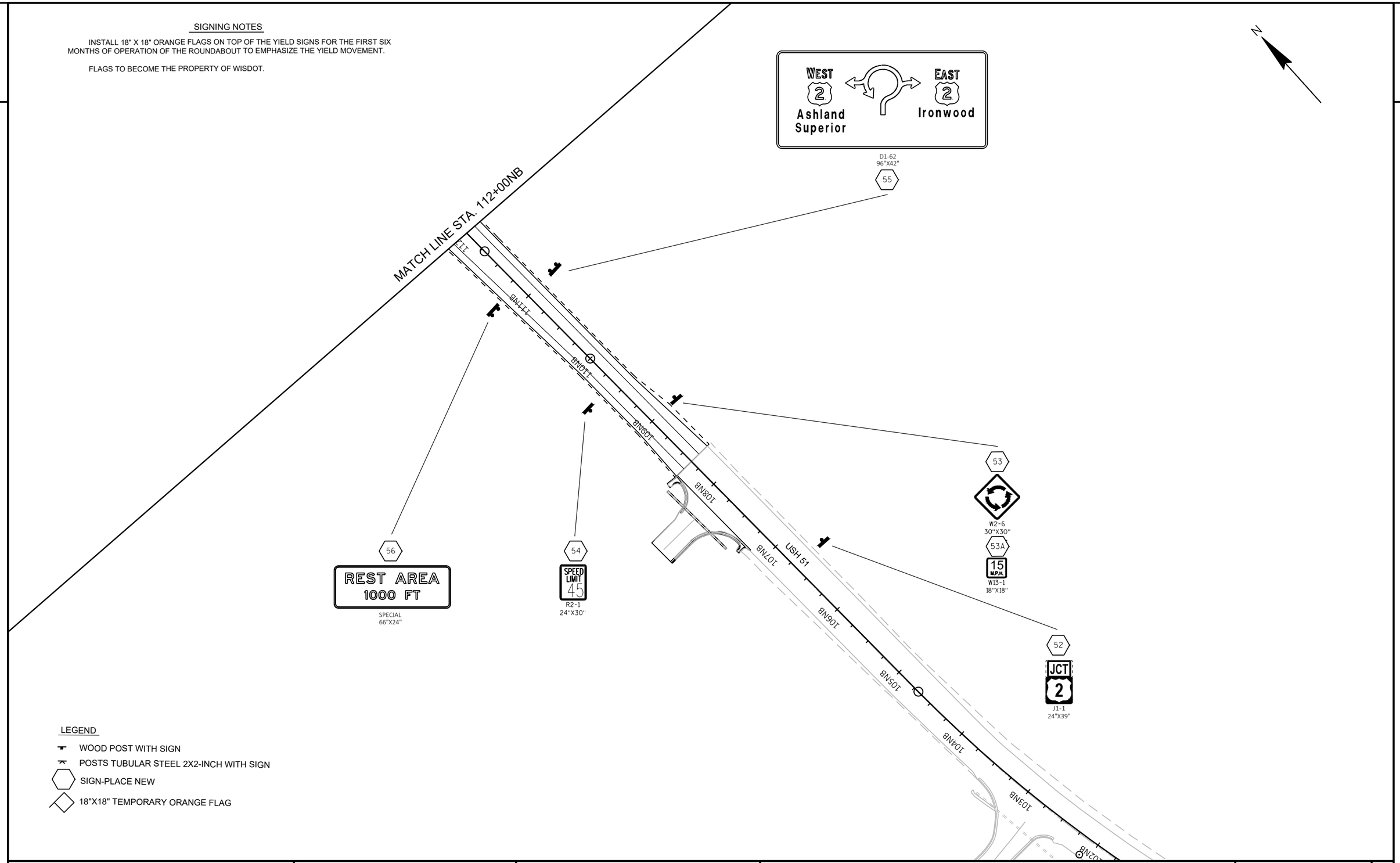
FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\023205-PS.DWG
LAYOUT NAME - 023205-ps

PLOT DATE : 8/31/2020 1:22 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

SIGNING NOTES

INSTALL 18" X 18" ORANGE FLAGS ON TOP OF THE YIELD SIGNS FOR THE FIRST SIX MONTHS OF OPERATION OF THE ROUNDABOUT TO EMPHASIZE THE YIELD MOVEMENT.

FLAGS TO BECOME THE PROPERTY OF WISDOT.



LEGEND

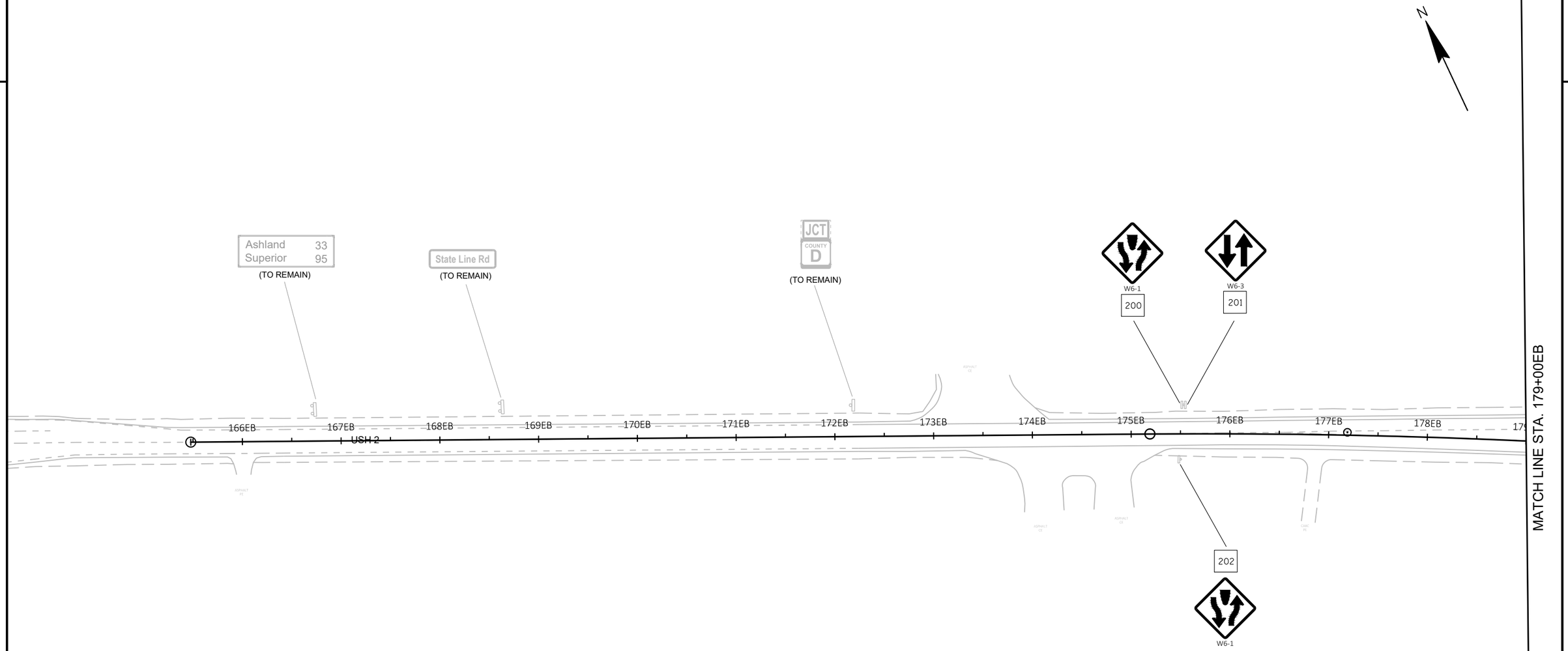
- WOOD POST WITH SIGN
- POSTS TUBULAR STEEL 2X2-INCH WITH SIGN
- SIGN-PLACE NEW
- 18"X18" TEMPORARY ORANGE FLAG

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PERMANENT SIGNING	SHEET PRE_80 E

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\023206-PS.DWG
LAYOUT NAME - 023206-ps

PLOT DATE : 8/31/2020 1:29 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

2



SIGN-REMOVE EXISTING

SIGN-MOVE WITH SUPPORT

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	SIGN REMOVALS	SHEET E

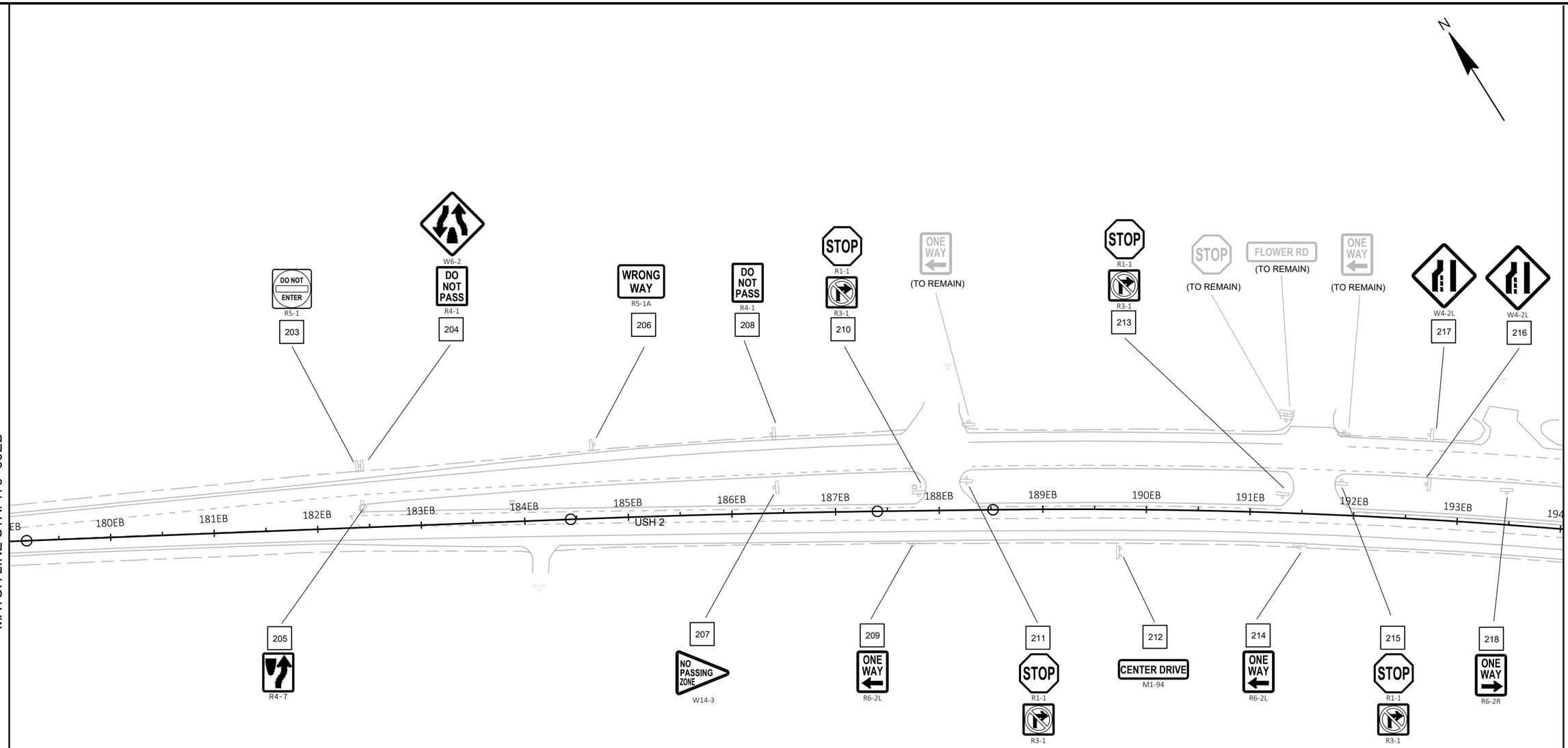
PRE_81

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\023207-PS.DWG
LAYOUT NAME - 023207-ps

PLOT DATE : 8/31/2020 10:29 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

MATCH LINE STA. 179+00EB



MATCH LINE STA. 194+00EB

2

SIGN-REMOVE EXISTING

SIGN-MOVE WITH SUPPORT

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	SIGN REMOVALS	SHEET E

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\023208-PS.DWG
LAYOUT NAME - 023208-ps

PLOT DATE : 8/31/2020 10:29 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:100 FT

PRE_82

WISDOT/CADDS SHEET 42

2

2

MATCH LINE STA. 194+00EB

MATCH LINE STA. 209+00EB

N

STOP R1-1 — 221 — SIGN (TO REMAIN)

WEST 2 WEST — (TO REMAIN)

ONE WAY R6-2L — 224 — CENTER DR.

STOP R1-1 / R3-1 — 223 — PRIVATE SIGN (TO REMAIN)

CENTER DR D1-60 — 227

SPEED LIMIT 55 R2-1 — 228

195EB 196EB 197EB 198EB 199EB 200EB 201EB 202EB 203EB 204EB 205EB 206EB 207EB 208EB 209

USH 2

PRIVATE SIGN (TO REMAIN) — 219 — ONE WAY R6-2L

CENTER DR.

USH 2 / CENTER DR (TO REMAIN)

220 — STOP R1-1 / R3-1

222 — STOP R1-1

225 — JCT 51 J1-1

226 — REST AREA NEXT RIGHT; WEATHER INFO HISTORICAL MARKER — SPECIAL

400 — SIS

229 — SOUTH TO 51 77 J2-2

230 — REST AREA D1-1

231 — Ironwood / Hurley Woodruff D1-3

SIGN-REMOVE EXISTING

SIGN-MOVE WITH SUPPORT

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	SIGN REMOVALS	SHEET E

PRE_83

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\023209-PS.DWG
LAYOUT NAME - 023209-ps

PLOT DATE : 8/31/2020 10:29 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

MATCH LINE STA. 209+00EB

MATCH LINE STA. 224+00EB

USH 2 ENTRANCE RAMP

USH 51 ENTRANCE RAMP

USH 2

USH 2 EXIT RAMP

USH 51

209EB 210EB 211EB 212EB 213EB 214EB 215EB 216EB 217EB 218EB 219EB 220EB 221EB 222EB 223EB

232 W4-1R

233 RAMP 45 MPH W13-3

234 EAST SOUTH TO 2 51 77 J2-3

235 EAST 2 J3-1

236 YIELD AHEAD W3-2

237 SPEED LIMIT 45 W3-5

238 W4-1R

239 W5-52L

240 YIELD R1-2

241 W1-8

242 W1-8

243 W1-8

244 W1-8

245 W1-8

246 W1-8

247 WEST 2 J3-1

248 W1-8

249 RAMP 20 MPH W13-3

250 SOUTH 51 J3-1

251 RAMP 20 MPH W13-3

252 SPEED LIMIT 45 W3-5

254 DO NOT ENTER R5-1

255 W1-8

256 R3-2

257 SPEED LIMIT 45 R2-1

258 R3-2

R4-7

259 WEST 2 J3-1

260 W6-3

261 SPEED LIMIT 45 R2-1

262 SPEED LIMIT 45 R2-1

263 KEEP RIGHT R4-52R

264 KEEP RIGHT R4-52R

265 SPEED LIMIT 45 R2-1

266 Ashland Superior Hurley D1-3 REST AREA D5-

267 W5-52R

SIGN-REMOVE EXISTING

SIGN-MOVE WITH SUPPORT

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	SIGN REMOVALS	SHEET E

PRE_84

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\023210-PS.DWG
LAYOUT NAME - 023210-ps

PLOT DATE : 8/31/2020 10:30 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

MATCH LINE STA. 224+00EB

IRON COUNTY IS ZONED — PERMIT REQUIRED — SPECIAL — 278

WEST SOUTH TO 2 51 77 — J2-3 — 279

SIS — 282

STOP — R1-1 — R3-1 — 284

ONE WAY — R6-2L — 285

DO NOT ENTER — R5-1 — 286

Iron County — I2-2

SPEED LIMIT 55 — R2-1

REST AREA NEXT RIGHT — WEATHER INFO HISTORICAL MARKER — SPECIAL — 289

SIGN (TO REMAIN)

USH 2

225EB 227EB 228EB 229EB 230EB 231EB 232EB 233EB 234EB

W4-1R — 269

W1-2L — 271

272 — DO NOT ENTER — R5-1

116NB

USH 51 EXIT RAMP

273 — WRONG WAY — R5-1A

115NB

USH 2 EXIT RAMP

268 — WRONG WAY — R5-1A

114NB

WEST WEST — J4-2

277

113NB

274 — SPEED LIMIT 45 — R2-1

275 — YIELD — R1-2

DO NOT ENTER — R5-1

USH 51 NB

MATCH LINE STA. 112+00NB

280 — EAST — J4-1

281 — YIELD — R1-2

283 — STOP — R1-1 — R3-1

288 — EAST 2 — J4-1

SIGN

SIGN-REMOVE EXISTING

SIGN-MOVE WITH SUPPORT

N

2

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	SIGN REMOVALS	SHEET E

PRE_85

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\023211-PS.DWG
LAYOUT NAME - 023211-ps

PLOT DATE : 8/31/2020 10:30 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

MATCH LINE STA. 112+00NB

112

111NB

110NB

109NB

108NB

107NB

106NB

105NB

104NB

103NB

102NB

USH 51

N

EAST 2 EAST
J3-2
290

291
REST AREA
1000 FEET
D5-

292
RAMP
30
MPH
W13-3

293
SPEED LIMIT
45
R2-1

294
CHECK TURN SIGNAL
W8-68

Ashland
Superior
Ironwood
D1-3
295

401
DO NOT ENTER
R5-1
R3-1

402
STOP
R1-1

403
STOP
R1-1

404
DO NOT ENTER
R5-1
R3-2

SIGN
SIGN
SIGN

MOVE WITH SUPPORT FOR CONSTRUCTION
REINSTALL IN SAME LOCATION

SIGN-REMOVE EXISTING

SIGN-MOVE WITH SUPPORT

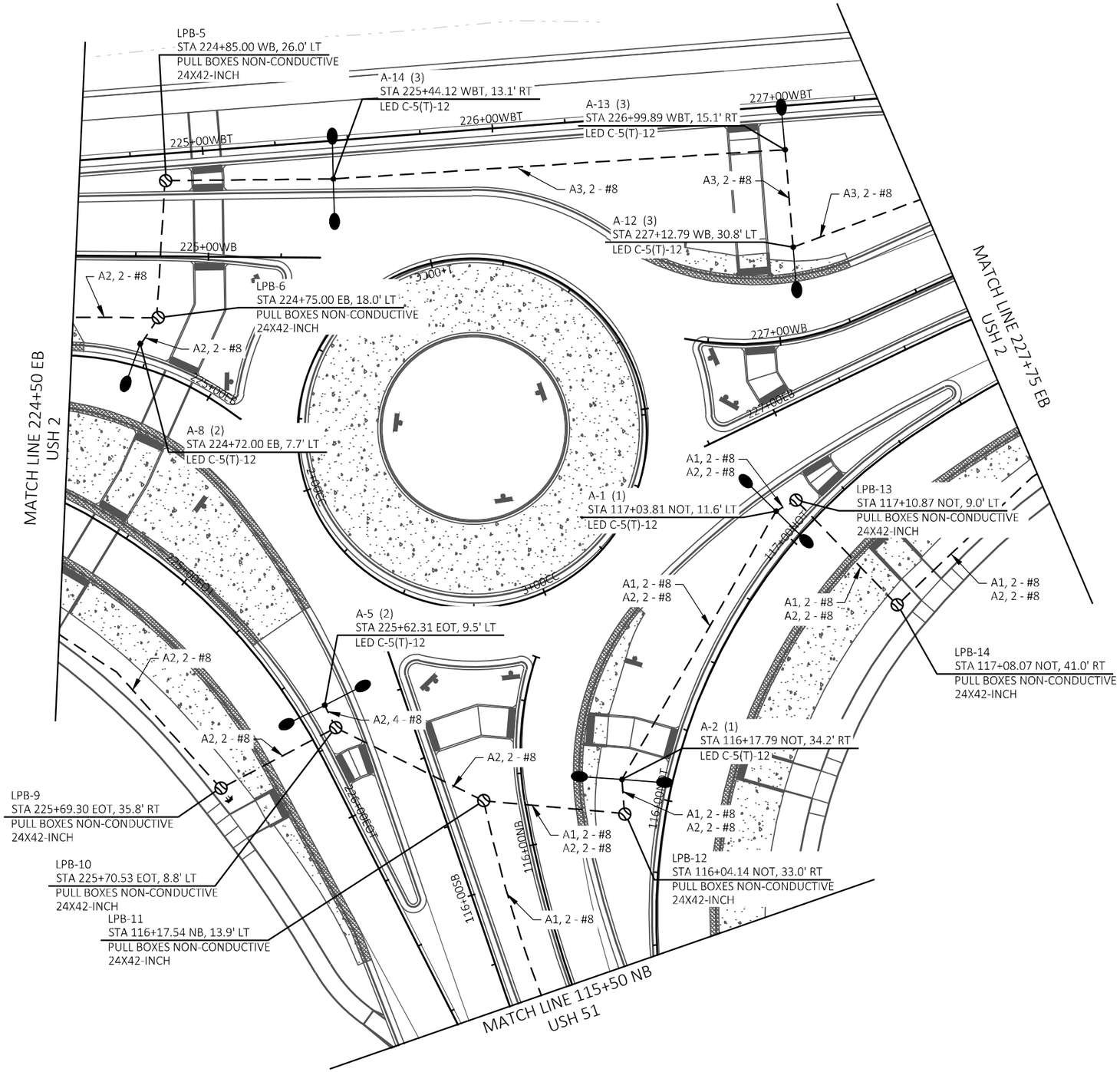
PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	SIGN REMOVALS	SHEET E

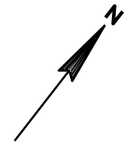
PRE_86

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\023212-PS.DWG
LAYOUT NAME - 023212-ps

PLOT DATE : 8/31/2020 10:30 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:100 FT

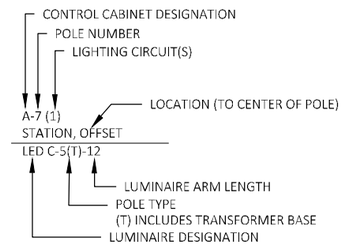
WISDOT/CADDS SHEET 42





LEGEND

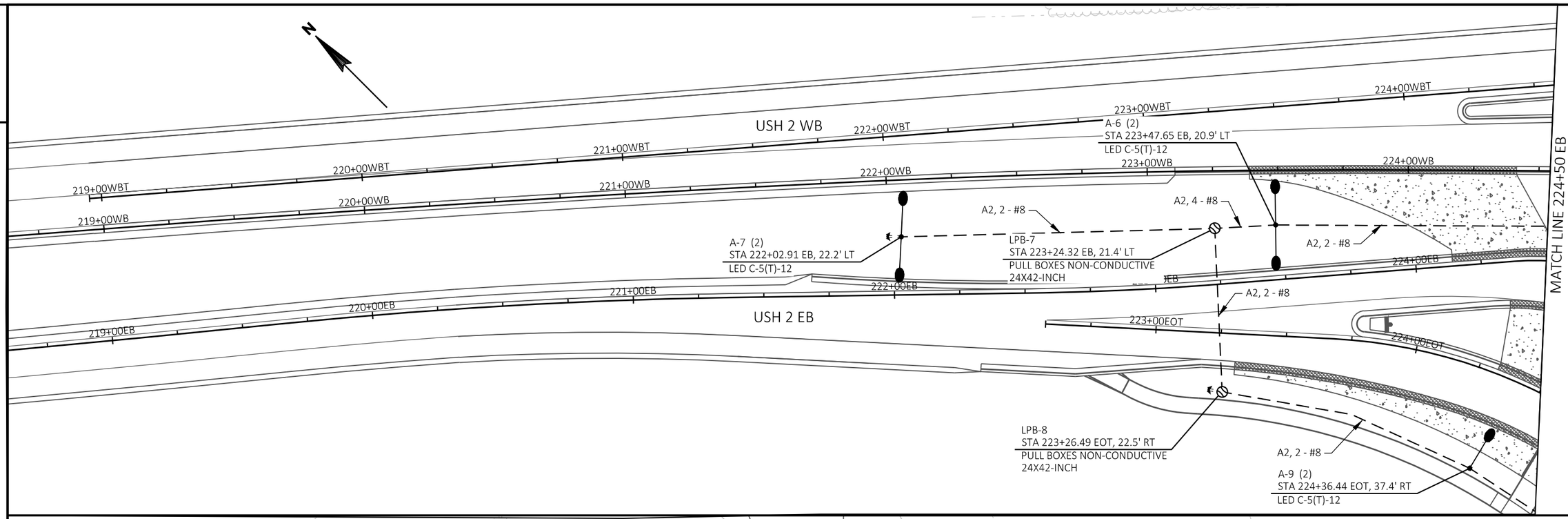
- SINGLE LIGHTING UNIT
- TWIN LIGHTING UNIT
- PULL BOX NON-CONDUCTIVE (24 X 42-INCH)
- CONDUIT NON-METALLIC SCHEDULE 40 2-INCH UNLESS NOTED
- LIGHTING CONTROL CABINET (LCC-#)
- CONDUIT STUB
- A2, 2 - #8 — LIGHTING CONTROL CABINET DESIGNATION CIRCUIT #, CONDUIT WIRE CONFIGURATION

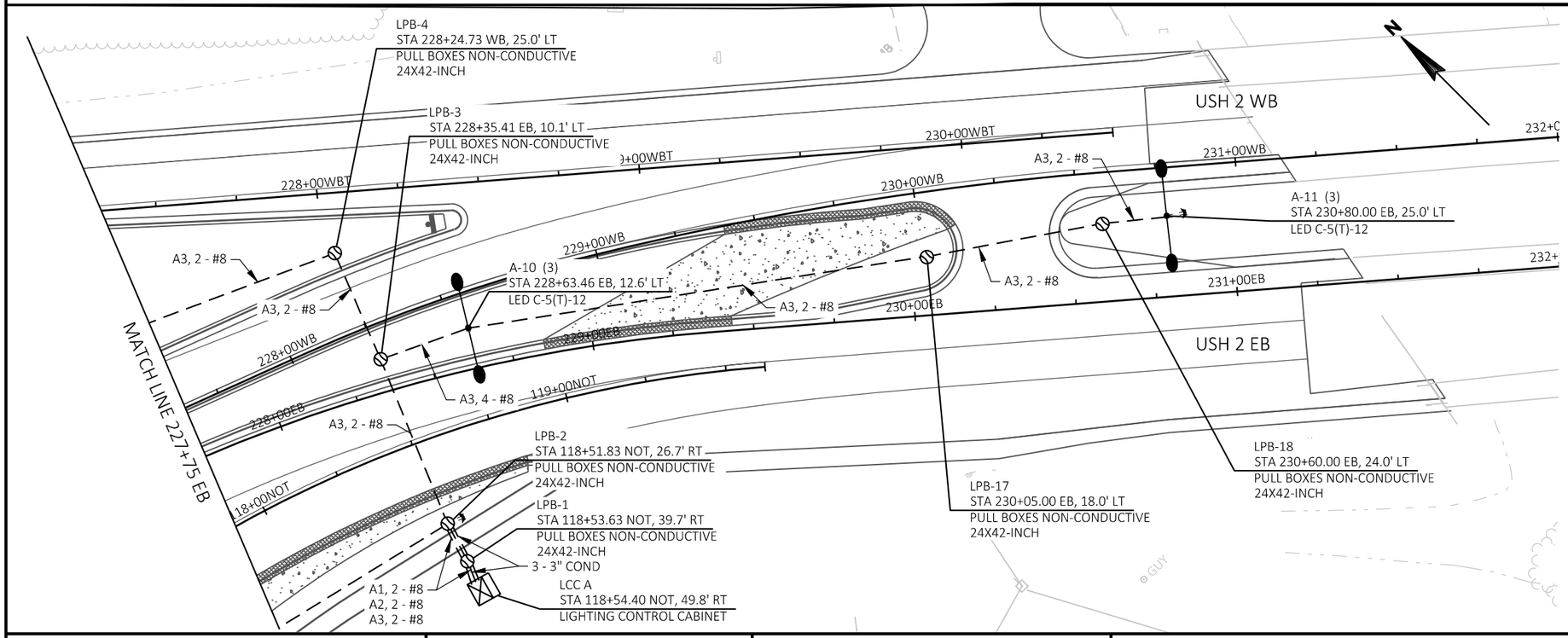


GENERAL LIGHTING NOTES:

1. ALL CONDUITS WITH WIRES SHALL ALSO INCLUDE 1 - #8 GROUND.
2. ALL EMPTY CONDUITS SHALL INCLUDE LOCATING WIRE.

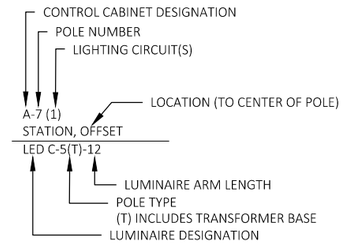
2





LEGEND

- SINGLE LIGHTING UNIT
- TWIN LIGHTING UNIT
- PULL BOX NON-CONDUCTIVE (24 X 42-INCH)
- CONDUIT NON-METALLIC SCHEDULE 40 2-INCH UNLESS NOTED
- LIGHTING CONTROL CABINET (LCC-#)
- CONDUIT STUB
- A2, 2 - #8 — LIGHTING CONTROL CABINET DESIGNATION CIRCUIT #, CONDUIT WIRE CONFIGURATION

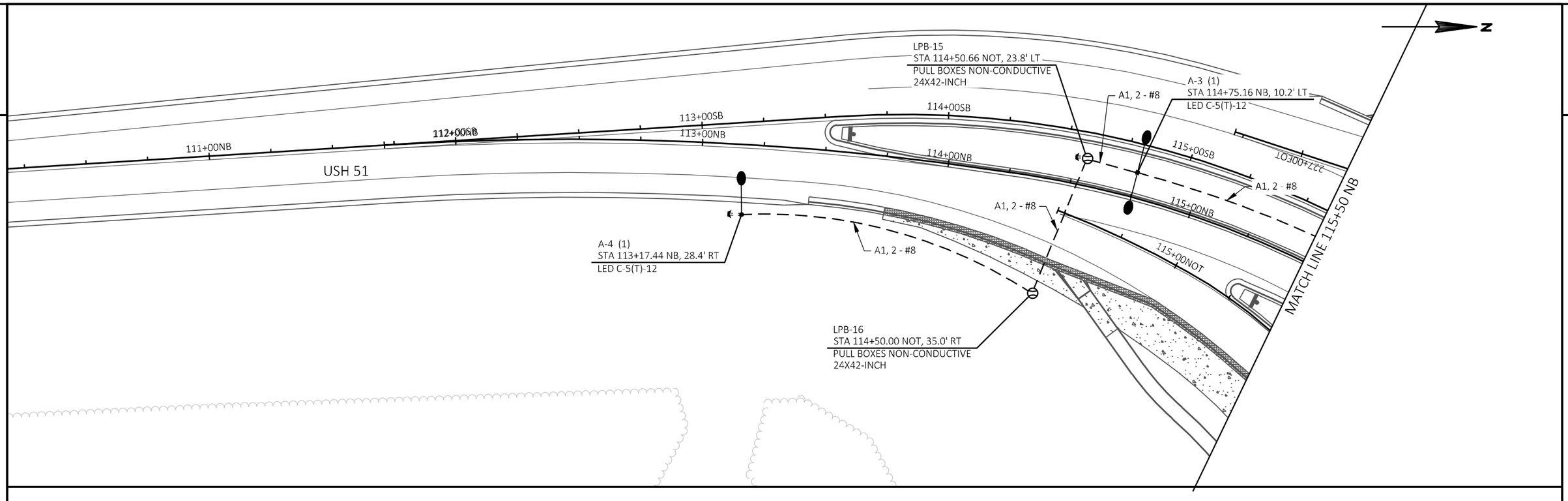


GENERAL LIGHTING NOTES:

1. ALL CONDUITS WITH WIRES SHALL ALSO INCLUDE 1 - #8 GROUND.
2. ALL EMPTY CONDUITS SHALL INCLUDE LOCATING WIRE.

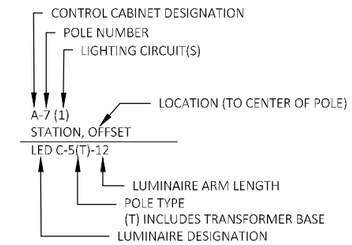
PROJECT NO: 1175-21-01	HWY: USH 51	COUNTY: IRON	LIGHTING PLAN (ROUNDABOUT L26-2000)	SHEET E

PRE_88



LEGEND

●—●	SINGLE LIGHTING UNIT
●—●—●	TWIN LIGHTING UNIT
(PB)	PULL BOX NON-CONDUCTIVE (24 X 42-INCH)
----------	CONDUIT NON-METALLIC SCHEDULE 40 2-INCH UNLESS NOTED
☒	LIGHTING CONTROL CABINET (LCC-#)
= ⇶	CONDUIT STUB
A2, 2 - #8	LIGHTING CONTROL CABINET DESIGNATION CIRCUIT #, CONDUIT WIRE CONFIGURATION



GENERAL LIGHTING NOTES:

1. ALL CONDUITS WITH WIRES SHALL ALSO INCLUDE 1 - #8 GROUND.
2. ALL EMPTY CONDUITS SHALL INCLUDE LOCATING WIRE.

PROJECT NO: 1175-21-01	HWY: USH 51	COUNTY: IRON	LIGHTING PLAN (ROUNDABOUT L26-2000)	SHEET E

PRE_89

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\023601-LP.DWG
03 023501 lp

PLOT DATE : 8/28/2020 7:45 AM PLOT BY : AYRES ASSOCIATES PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

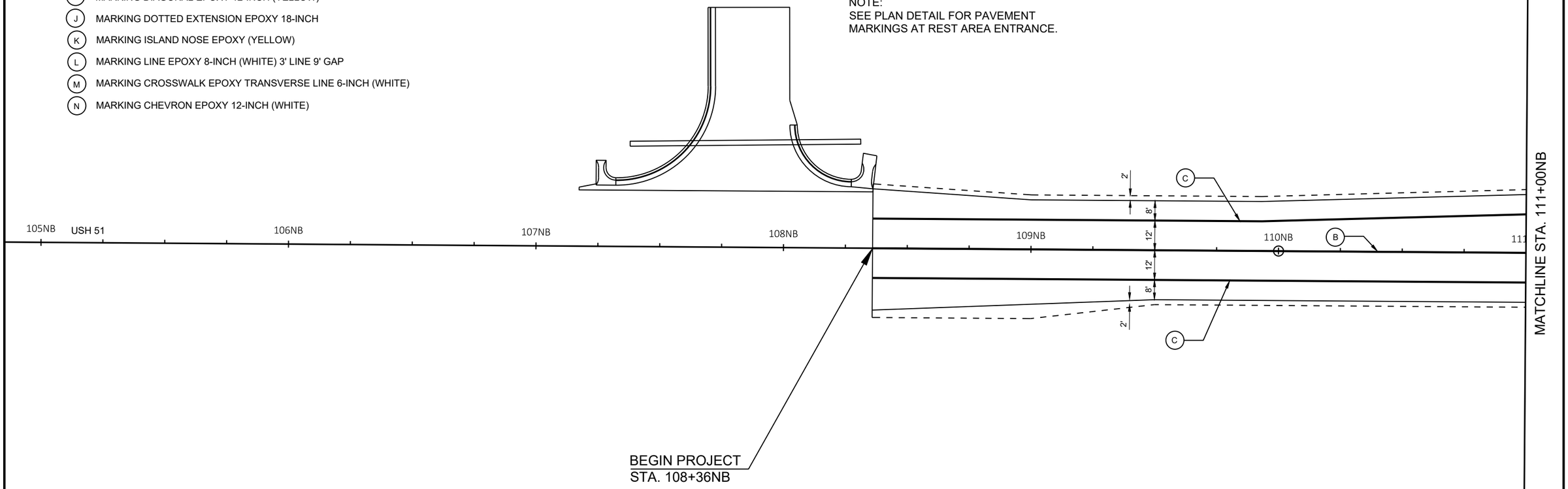
2

LEGEND

- (A) MARKING LINE EPOXY 4-INCH (YELLOW)
- (B) MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
- (C) MARKING LINE EPOXY 4-INCH (WHITE)
- (D) MARKING LINE EPOXY 4-INCH (WHITE) 12.5' LINE 37.5' GAP
- (E) MARKING LINE EPOXY 8-INCH (WHITE)
- (F) MARKING ARROW EPOXY (WHITE)
- (G) MARKING WORD EPOXY (WHITE)
- (H) MARKING CURB EPOXY (YELLOW)
- (I) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- (J) MARKING DOTTED EXTENSION EPOXY 18-INCH
- (K) MARKING ISLAND NOSE EPOXY (YELLOW)
- (L) MARKING LINE EPOXY 8-INCH (WHITE) 3' LINE 9' GAP
- (M) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- (N) MARKING CHEVRON EPOXY 12-INCH (WHITE)

N

NOTE:
SEE PLAN DETAIL FOR PAVEMENT
MARKINGS AT REST AREA ENTRANCE.



2

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PAVEMENT MARKING	SHEET E

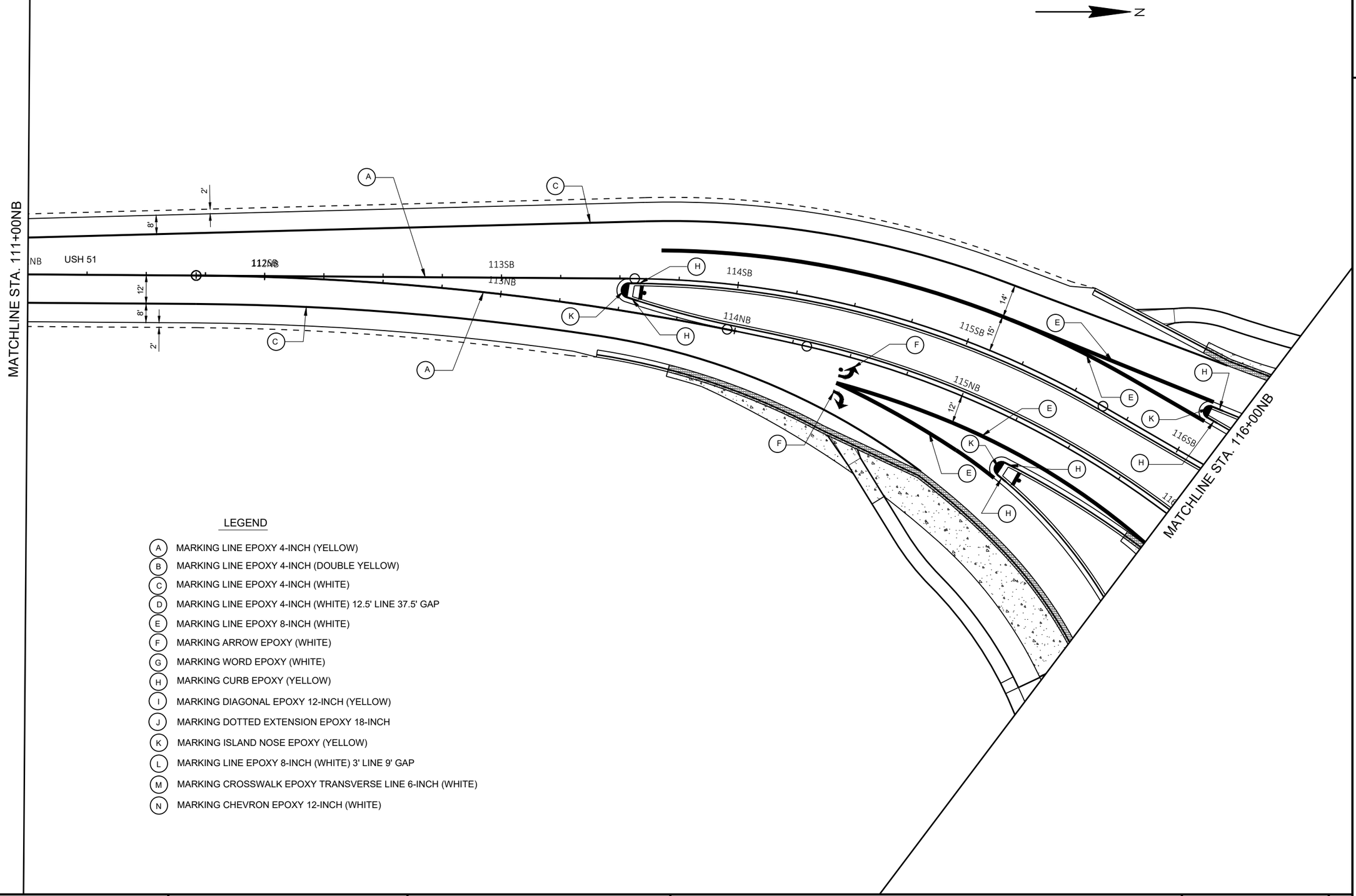
PRE_90

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 024501-pm

PLOT DATE : 9/2/2020 10:20 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2



LEGEND

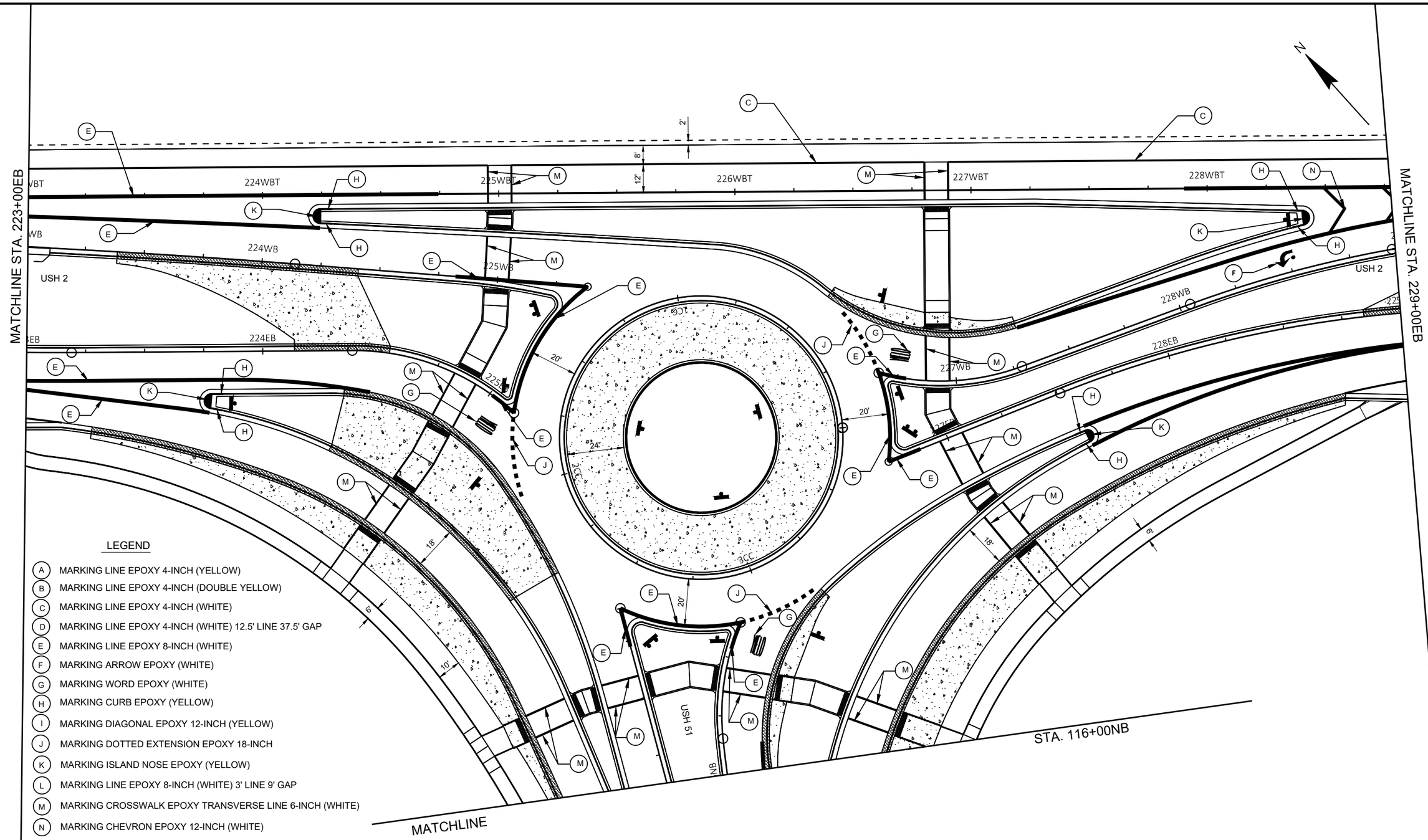
- (A) MARKING LINE EPOXY 4-INCH (YELLOW)
- (B) MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
- (C) MARKING LINE EPOXY 4-INCH (WHITE)
- (D) MARKING LINE EPOXY 4-INCH (WHITE) 12.5' LINE 37.5' GAP
- (E) MARKING LINE EPOXY 8-INCH (WHITE)
- (F) MARKING ARROW EPOXY (WHITE)
- (G) MARKING WORD EPOXY (WHITE)
- (H) MARKING CURB EPOXY (YELLOW)
- (I) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- (J) MARKING DOTTED EXTENSION EPOXY 18-INCH
- (K) MARKING ISLAND NOSE EPOXY (YELLOW)
- (L) MARKING LINE EPOXY 8-INCH (WHITE) 3' LINE 9' GAP
- (M) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- (N) MARKING CHEVRON EPOXY 12-INCH (WHITE)

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PAVEMENT MARKING	SHEET E

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\024502-PM.DWG
LAYOUT NAME - 024502-pm
PLOT DATE : 9/2/2020 10:21 AM
PLOT BY : SOUFAL, KEVIN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

2

2



PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PAVEMENT MARKING	SHEET E

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\024503-PM.DWG
LAYOUT NAME - 024503-pm

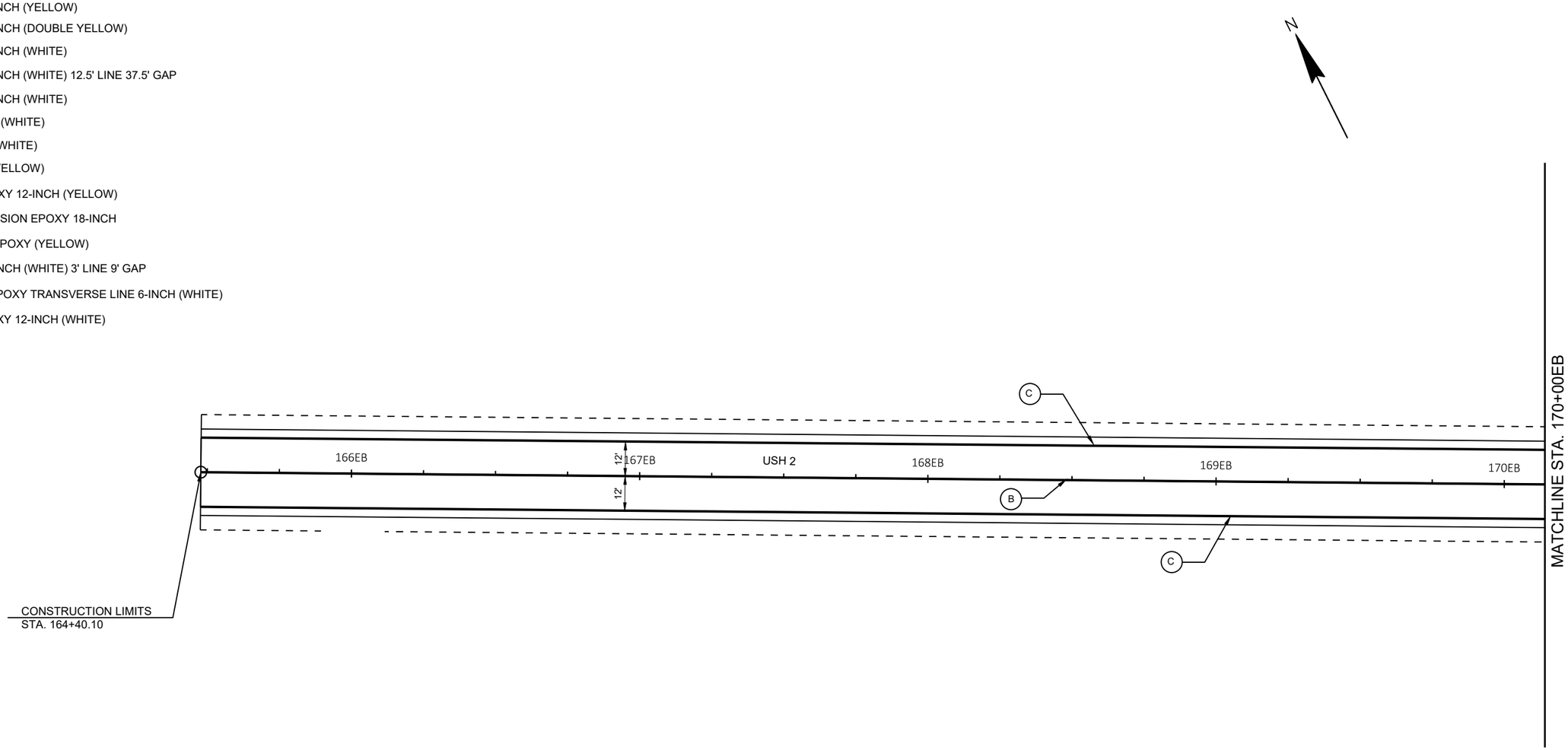
PLOT DATE : 9/2/2020 10:21 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

PRE_92

WISDOT/CADDS SHEET 42

LEGEND

- (A) MARKING LINE EPOXY 4-INCH (YELLOW)
- (B) MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
- (C) MARKING LINE EPOXY 4-INCH (WHITE)
- (D) MARKING LINE EPOXY 4-INCH (WHITE) 12.5' LINE 37.5' GAP
- (E) MARKING LINE EPOXY 8-INCH (WHITE)
- (F) MARKING ARROW EPOXY (WHITE)
- (G) MARKING WORD EPOXY (WHITE)
- (H) MARKING CURB EPOXY (YELLOW)
- (I) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- (J) MARKING DOTTED EXTENSION EPOXY 18-INCH
- (K) MARKING ISLAND NOSE EPOXY (YELLOW)
- (L) MARKING LINE EPOXY 8-INCH (WHITE) 3' LINE 9' GAP
- (M) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- (N) MARKING CHEVRON EPOXY 12-INCH (WHITE)



2

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PAVEMENT MARKING	SHEET E

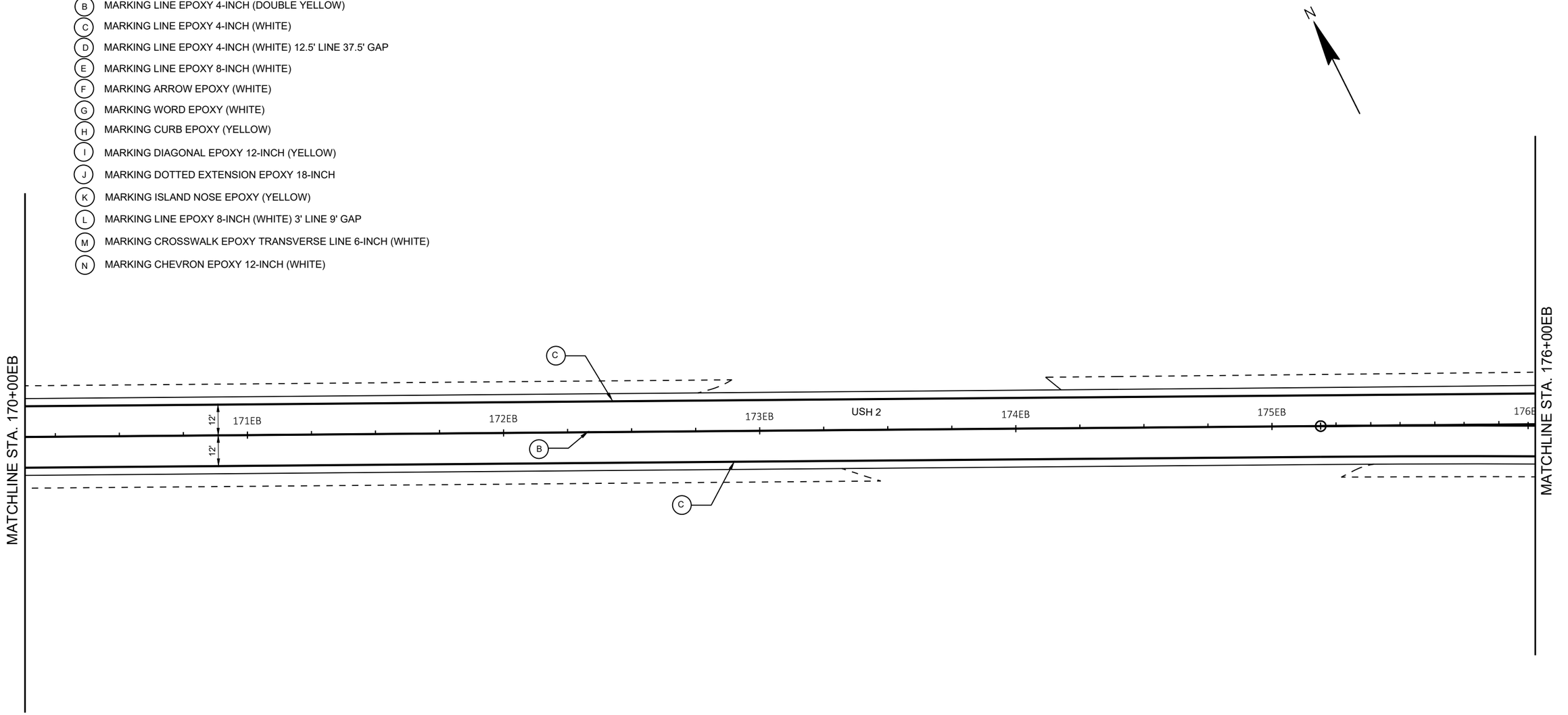
FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\024504-PM.DWG
LAYOUT NAME - 024504 pm

PLOT DATE : 9/2/2020 10:21 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- (A) MARKING LINE EPOXY 4-INCH (YELLOW)
- (B) MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
- (C) MARKING LINE EPOXY 4-INCH (WHITE)
- (D) MARKING LINE EPOXY 4-INCH (WHITE) 12.5' LINE 37.5' GAP
- (E) MARKING LINE EPOXY 8-INCH (WHITE)
- (F) MARKING ARROW EPOXY (WHITE)
- (G) MARKING WORD EPOXY (WHITE)
- (H) MARKING CURB EPOXY (YELLOW)
- (I) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- (J) MARKING DOTTED EXTENSION EPOXY 18-INCH
- (K) MARKING ISLAND NOSE EPOXY (YELLOW)
- (L) MARKING LINE EPOXY 8-INCH (WHITE) 3' LINE 9' GAP
- (M) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- (N) MARKING CHEVRON EPOXY 12-INCH (WHITE)



PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PAVEMENT MARKING	SHEET E

PRE_94

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\024505-PM.DWG
LAYOUT NAME - 024505-pm

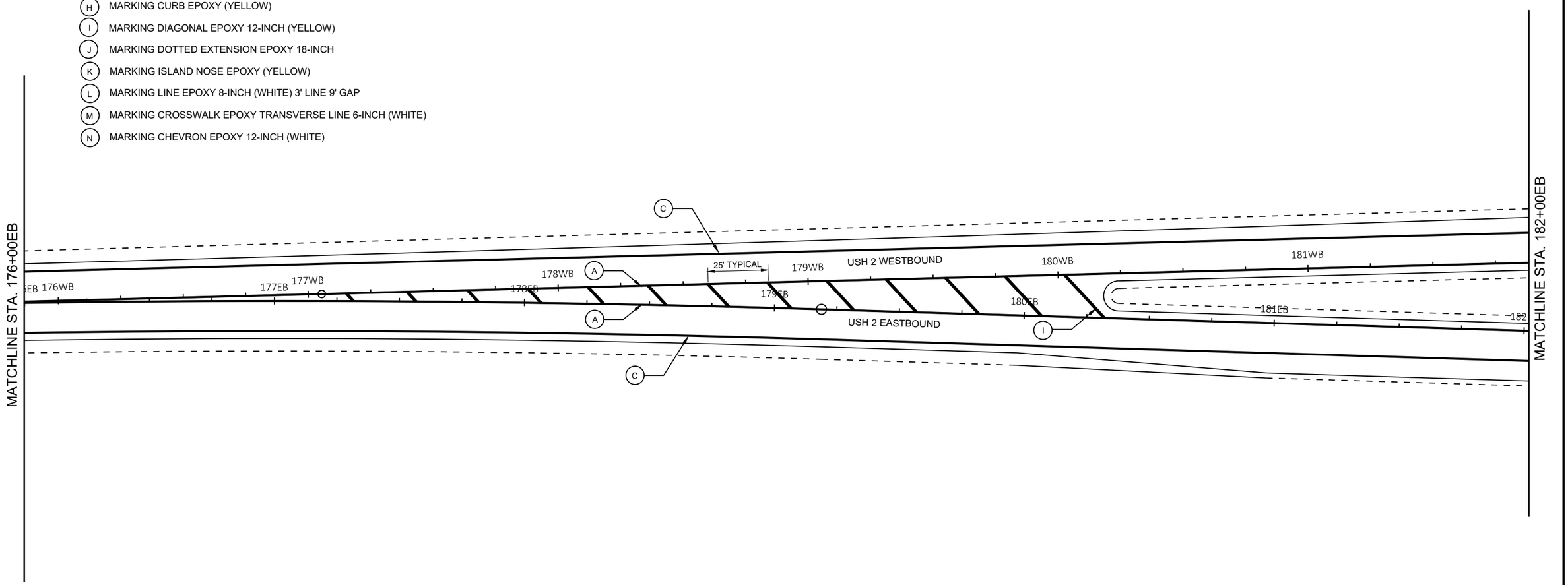
PLOT DATE : 9/2/2020 10:21 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- (A) MARKING LINE EPOXY 4-INCH (YELLOW)
- (B) MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
- (C) MARKING LINE EPOXY 4-INCH (WHITE)
- (D) MARKING LINE EPOXY 4-INCH (WHITE) 12.5' LINE 37.5' GAP
- (E) MARKING LINE EPOXY 8-INCH (WHITE)
- (F) MARKING ARROW EPOXY (WHITE)
- (G) MARKING WORD EPOXY (WHITE)
- (H) MARKING CURB EPOXY (YELLOW)
- (I) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- (J) MARKING DOTTED EXTENSION EPOXY 18-INCH
- (K) MARKING ISLAND NOSE EPOXY (YELLOW)
- (L) MARKING LINE EPOXY 8-INCH (WHITE) 3' LINE 9' GAP
- (M) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- (N) MARKING CHEVRON EPOXY 12-INCH (WHITE)



PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PAVEMENT MARKING	SHEET E

PRE_95

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\024506-PM.DWG
LAYOUT NAME - 024506-pm

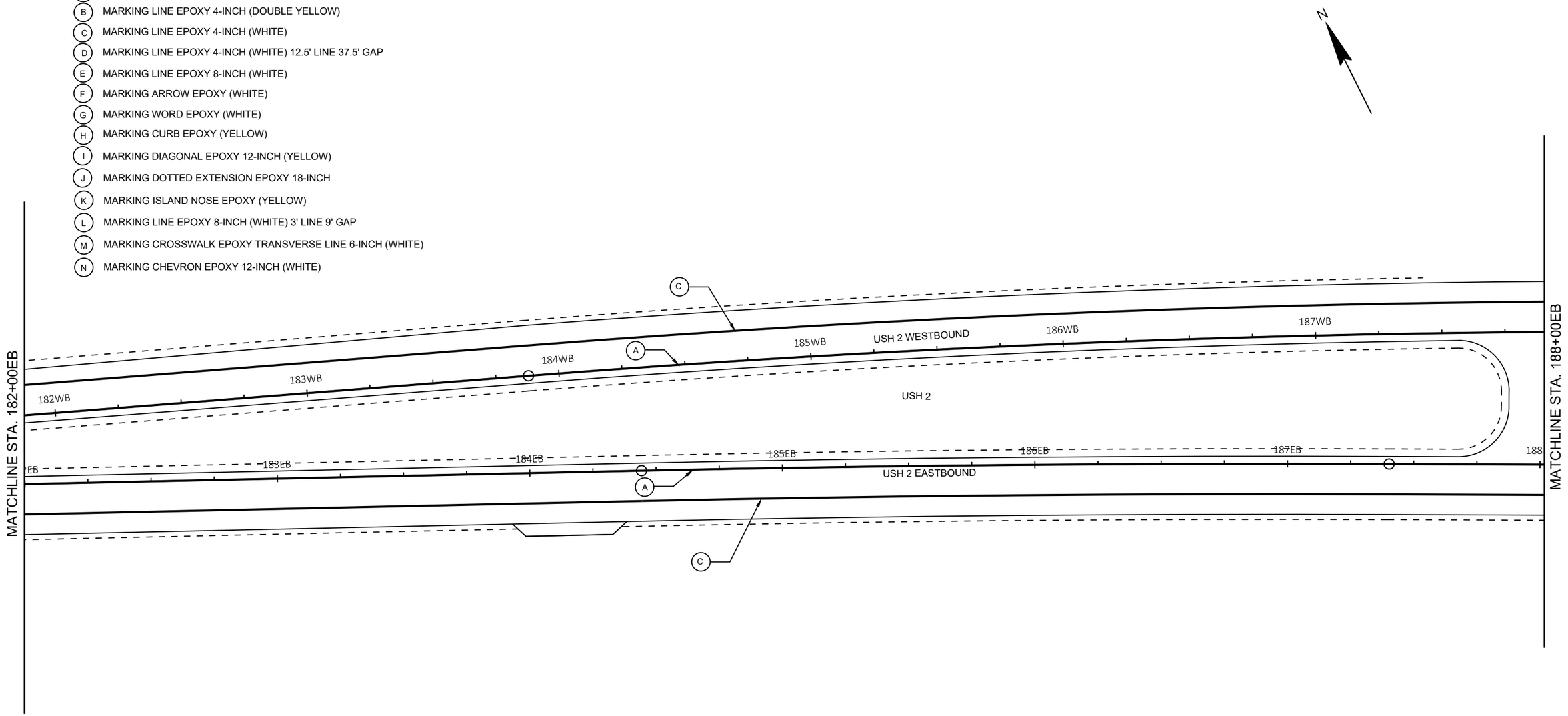
PLOT DATE : 9/2/2020 10:21 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- (A) MARKING LINE EPOXY 4-INCH (YELLOW)
- (B) MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
- (C) MARKING LINE EPOXY 4-INCH (WHITE)
- (D) MARKING LINE EPOXY 4-INCH (WHITE) 12.5' LINE 37.5' GAP
- (E) MARKING LINE EPOXY 8-INCH (WHITE)
- (F) MARKING ARROW EPOXY (WHITE)
- (G) MARKING WORD EPOXY (WHITE)
- (H) MARKING CURB EPOXY (YELLOW)
- (I) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- (J) MARKING DOTTED EXTENSION EPOXY 18-INCH
- (K) MARKING ISLAND NOSE EPOXY (YELLOW)
- (L) MARKING LINE EPOXY 8-INCH (WHITE) 3' LINE 9' GAP
- (M) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- (N) MARKING CHEVRON EPOXY 12-INCH (WHITE)



PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PAVEMENT MARKING	SHEET E

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\024507-PM.DWG
LAYOUT NAME - 024507-pm

PLOT DATE : 9/2/2020 10:22 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

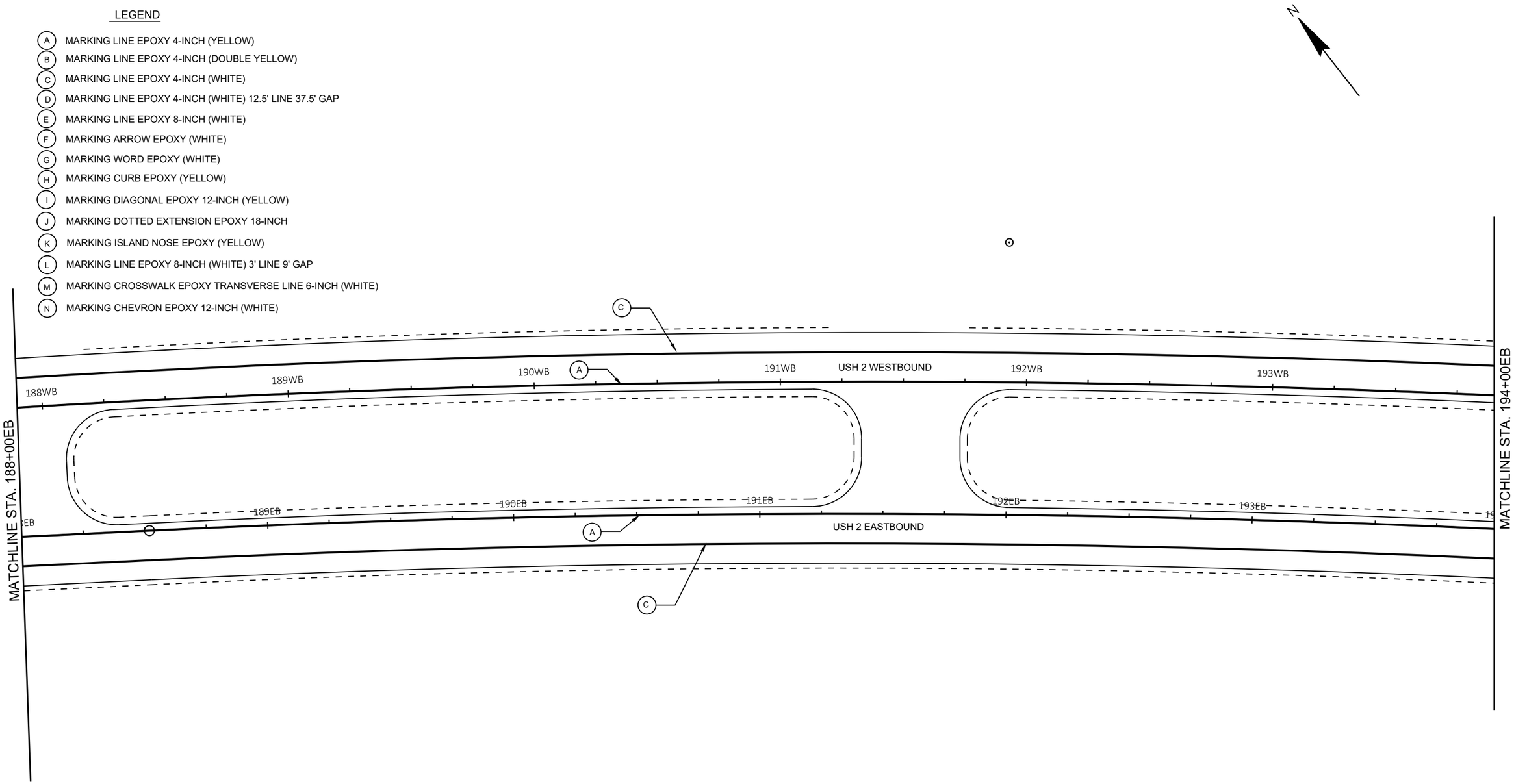
PRE_96

WISDOT/CADDS SHEET 42

2

LEGEND

- (A) MARKING LINE EPOXY 4-INCH (YELLOW)
- (B) MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
- (C) MARKING LINE EPOXY 4-INCH (WHITE)
- (D) MARKING LINE EPOXY 4-INCH (WHITE) 12.5' LINE 37.5' GAP
- (E) MARKING LINE EPOXY 8-INCH (WHITE)
- (F) MARKING ARROW EPOXY (WHITE)
- (G) MARKING WORD EPOXY (WHITE)
- (H) MARKING CURB EPOXY (YELLOW)
- (I) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- (J) MARKING DOTTED EXTENSION EPOXY 18-INCH
- (K) MARKING ISLAND NOSE EPOXY (YELLOW)
- (L) MARKING LINE EPOXY 8-INCH (WHITE) 3' LINE 9' GAP
- (M) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- (N) MARKING CHEVRON EPOXY 12-INCH (WHITE)



2

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PAVEMENT MARKING	SHEET E

PRE_97

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\024508-PM.DWG
LAYOUT NAME - 024508-pm

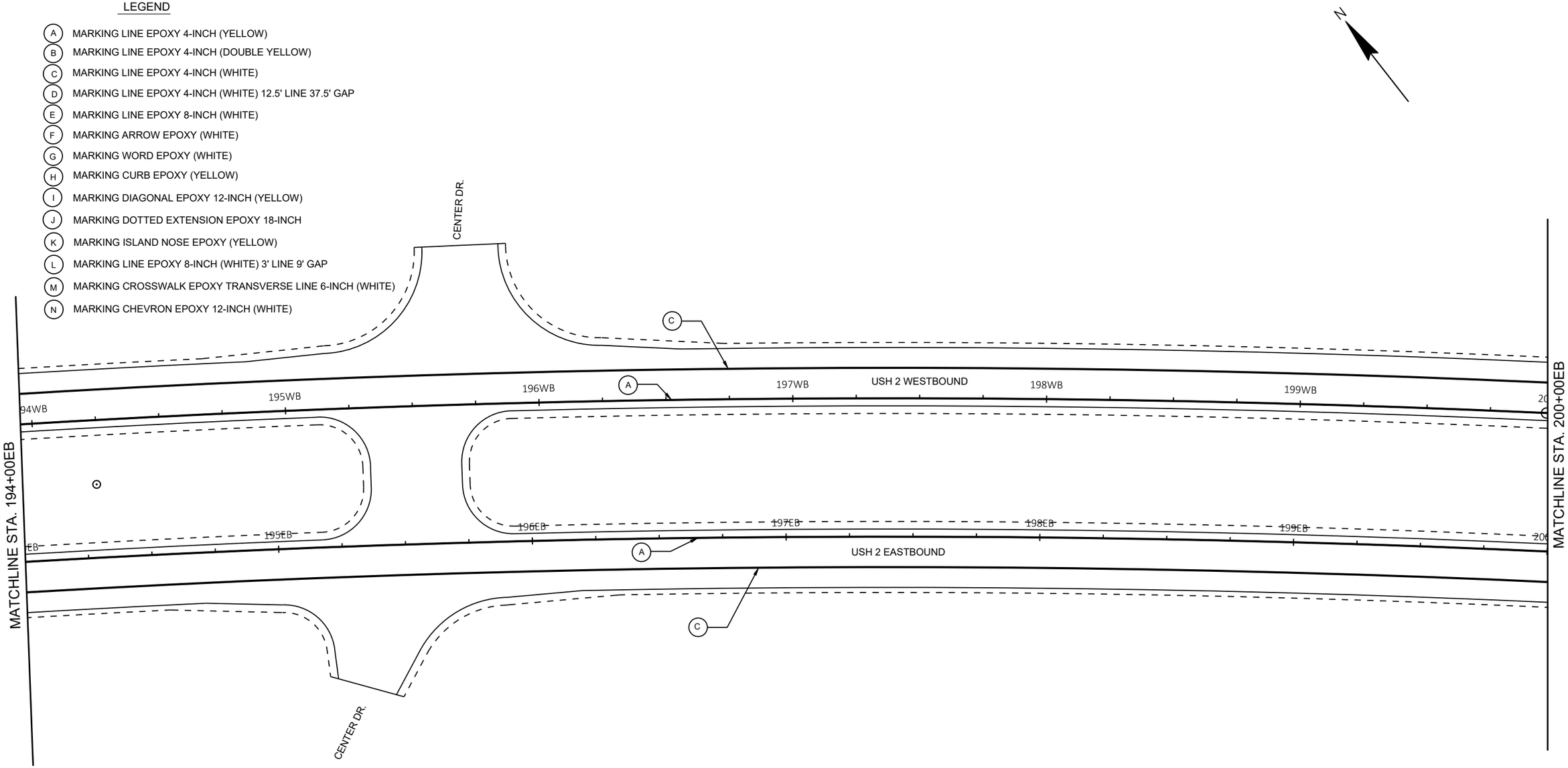
PLOT DATE : 9/2/2020 10:22 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- (A) MARKING LINE EPOXY 4-INCH (YELLOW)
- (B) MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
- (C) MARKING LINE EPOXY 4-INCH (WHITE)
- (D) MARKING LINE EPOXY 4-INCH (WHITE) 12.5' LINE 37.5' GAP
- (E) MARKING LINE EPOXY 8-INCH (WHITE)
- (F) MARKING ARROW EPOXY (WHITE)
- (G) MARKING WORD EPOXY (WHITE)
- (H) MARKING CURB EPOXY (YELLOW)
- (I) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- (J) MARKING DOTTED EXTENSION EPOXY 18-INCH
- (K) MARKING ISLAND NOSE EPOXY (YELLOW)
- (L) MARKING LINE EPOXY 8-INCH (WHITE) 3' LINE 9' GAP
- (M) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- (N) MARKING CHEVRON EPOXY 12-INCH (WHITE)



PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PAVEMENT MARKING	SHEET E

PRE_98

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\024509-PM.DWG
LAYOUT NAME - 024509-pm

PLOT DATE : 9/2/2020 10:22 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

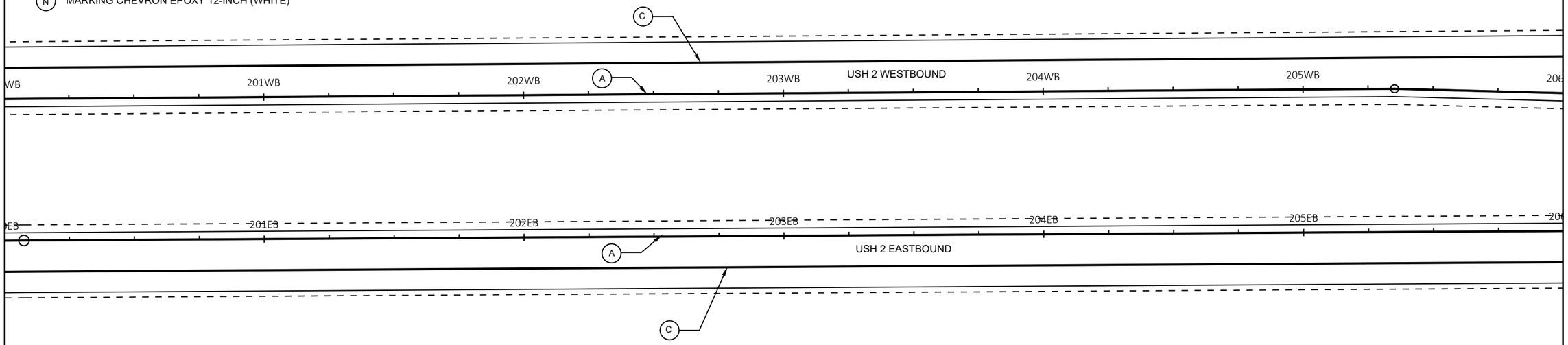
WISDOT/CADDS SHEET 42

2

LEGEND

- (A) MARKING LINE EPOXY 4-INCH (YELLOW)
- (B) MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
- (C) MARKING LINE EPOXY 4-INCH (WHITE)
- (D) MARKING LINE EPOXY 4-INCH (WHITE) 12.5' LINE 37.5' GAP
- (E) MARKING LINE EPOXY 8-INCH (WHITE)
- (F) MARKING ARROW EPOXY (WHITE)
- (G) MARKING WORD EPOXY (WHITE)
- (H) MARKING CURB EPOXY (YELLOW)
- (I) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- (J) MARKING DOTTED EXTENSION EPOXY 18-INCH
- (K) MARKING ISLAND NOSE EPOXY (YELLOW)
- (L) MARKING LINE EPOXY 8-INCH (WHITE) 3' LINE 9' GAP
- (M) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- (N) MARKING CHEVRON EPOXY 12-INCH (WHITE)

N



2

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PAVEMENT MARKING	SHEET E

PRE_99

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\024510-PM.DWG
LAYOUT NAME - 024510-pm

PLOT DATE : 9/2/2020 10:22 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- (A) MARKING LINE EPOXY 4-INCH (YELLOW)
- (B) MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
- (C) MARKING LINE EPOXY 4-INCH (WHITE)
- (D) MARKING LINE EPOXY 4-INCH (WHITE) 12.5' LINE 37.5' GAP
- (E) MARKING LINE EPOXY 8-INCH (WHITE)
- (F) MARKING ARROW EPOXY (WHITE)
- (G) MARKING WORD EPOXY (WHITE)
- (H) MARKING CURB EPOXY (YELLOW)
- (I) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- (J) MARKING DOTTED EXTENSION EPOXY 18-INCH
- (K) MARKING ISLAND NOSE EPOXY (YELLOW)
- (L) MARKING LINE EPOXY 8-INCH (WHITE) 3' LINE 9' GAP
- (M) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- (N) MARKING CHEVRON EPOXY 12-INCH (WHITE)

N

MATCHLINE STA. 206+00EB

WB 207WB 208WB 209WB 210WB 211WB 212

C

A

D

USH 2 WESTBOUND

EB 207EB 208EB 209EB 210EB 211EB 21

A

USH 2 EASTBOUND

C

MATCHLINE STA. 212+00EB

2

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PAVEMENT MARKING	SHEET E

PRE_100

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\024511-PM.DWG
LAYOUT NAME - 024511-pm

PLOT DATE : 9/2/2020 10:23 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- (A) MARKING LINE EPOXY 4-INCH (YELLOW)
- (B) MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
- (C) MARKING LINE EPOXY 4-INCH (WHITE)
- (D) MARKING LINE EPOXY 4-INCH (WHITE) 12.5' LINE 37.5' GAP
- (E) MARKING LINE EPOXY 8-INCH (WHITE)
- (F) MARKING ARROW EPOXY (WHITE)
- (G) MARKING WORD EPOXY (WHITE)
- (H) MARKING CURB EPOXY (YELLOW)
- (I) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- (J) MARKING DOTTED EXTENSION EPOXY 18-INCH
- (K) MARKING ISLAND NOSE EPOXY (YELLOW)
- (L) MARKING LINE EPOXY 8-INCH (WHITE) 3' LINE 9' GAP
- (M) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- (N) MARKING CHEVRON EPOXY 12-INCH (WHITE)

N

MATCHLINE STA. 212+00EB

MATCHLINE STA. 218+00EB

C

USH 2 WESTBOUND

WB 213WB 214WB D 215WB 216WB A 217WB 21

EB 213EB 214EB 215EB 216EB 217EB 21

USH 2 EASTBOUND

A

C

2

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PAVEMENT MARKING	SHEET E

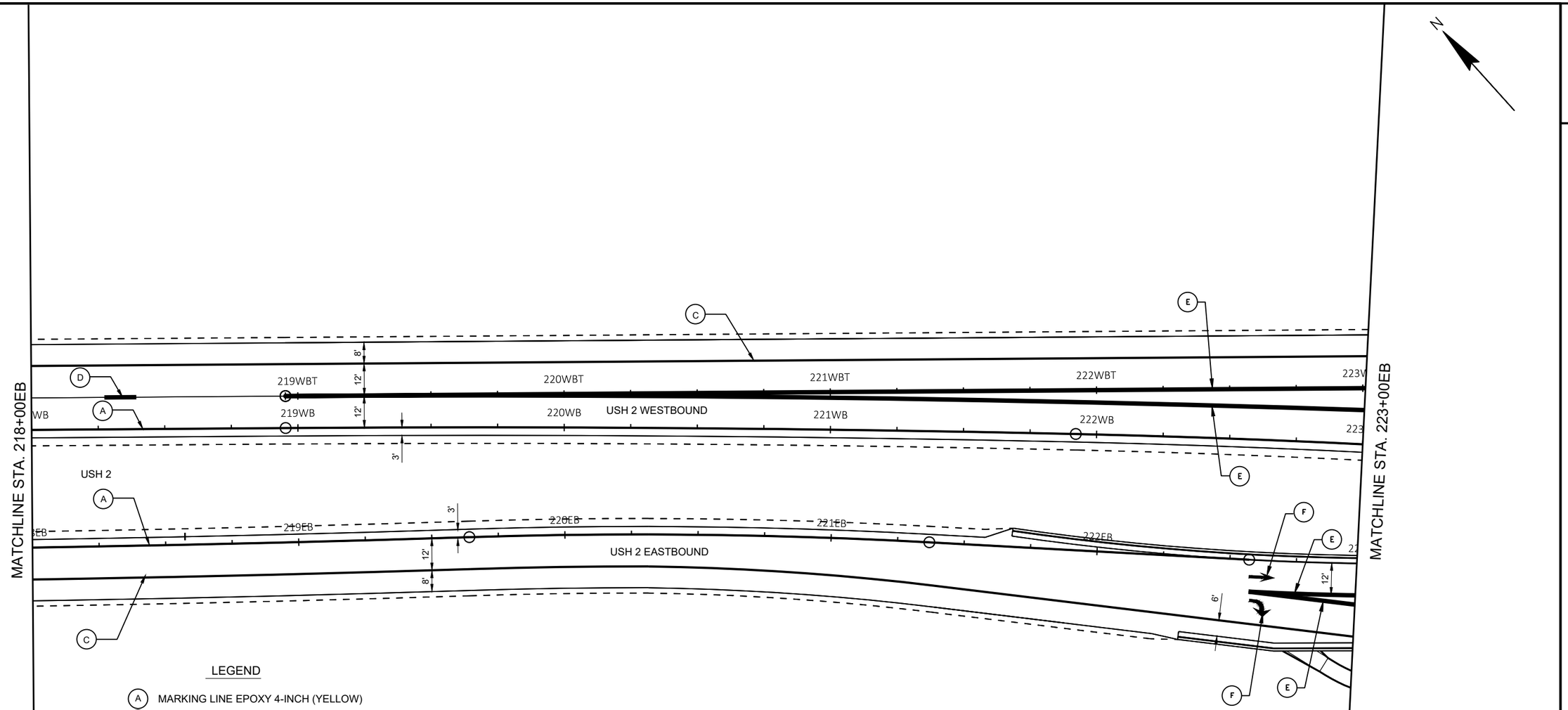
PRE_101

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\024512-PM.DWG
LAYOUT NAME - 024512-pm

PLOT DATE : 9/2/2020 10:23 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2



LEGEND

- (A) MARKING LINE EPOXY 4-INCH (YELLOW)
- (B) MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
- (C) MARKING LINE EPOXY 4-INCH (WHITE)
- (D) MARKING LINE EPOXY 4-INCH (WHITE) 12.5' LINE 37.5' GAP
- (E) MARKING LINE EPOXY 8-INCH (WHITE)
- (F) MARKING ARROW EPOXY (WHITE)
- (G) MARKING WORD EPOXY (WHITE)
- (H) MARKING CURB EPOXY (YELLOW)
- (I) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- (J) MARKING DOTTED EXTENSION EPOXY 18-INCH
- (K) MARKING ISLAND NOSE EPOXY (YELLOW)
- (L) MARKING LINE EPOXY 8-INCH (WHITE) 3' LINE 9' GAP
- (M) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- (N) MARKING CHEVRON EPOXY 12-INCH (WHITE)

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PAVEMENT MARKING	SHEET E

PRE_102

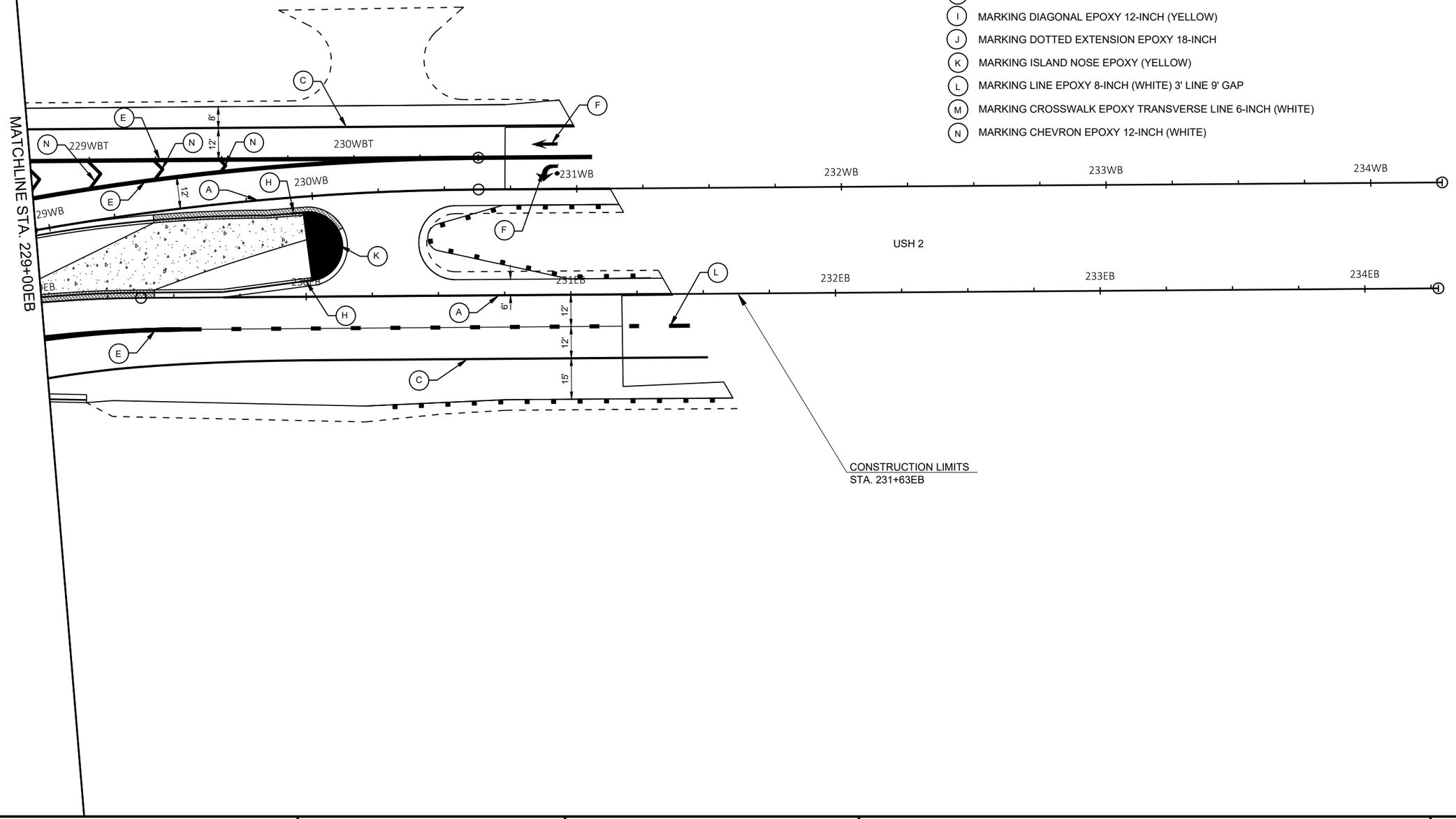
FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\024513-PM.DWG
LAYOUT NAME - 024513-pm

PLOT DATE : 9/2/2020 10:23 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- (A) MARKING LINE EPOXY 4-INCH (YELLOW)
- (B) MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
- (C) MARKING LINE EPOXY 4-INCH (WHITE)
- (D) MARKING LINE EPOXY 4-INCH (WHITE) 12.5' LINE 37.5' GAP
- (E) MARKING LINE EPOXY 8-INCH (WHITE)
- (F) MARKING ARROW EPOXY (WHITE)
- (G) MARKING WORD EPOXY (WHITE)
- (H) MARKING CURB EPOXY (YELLOW)
- (I) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- (J) MARKING DOTTED EXTENSION EPOXY 18-INCH
- (K) MARKING ISLAND NOSE EPOXY (YELLOW)
- (L) MARKING LINE EPOXY 8-INCH (WHITE) 3' LINE 9' GAP
- (M) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- (N) MARKING CHEVRON EPOXY 12-INCH (WHITE)



PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PAVEMENT MARKING	SHEET E

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\024514-PM.DWG
LAYOUT NAME - 024514-pm

PLOT DATE : 9/2/2020 10:23 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

PRE_103

WISDOT/CADDS SHEET 42

2

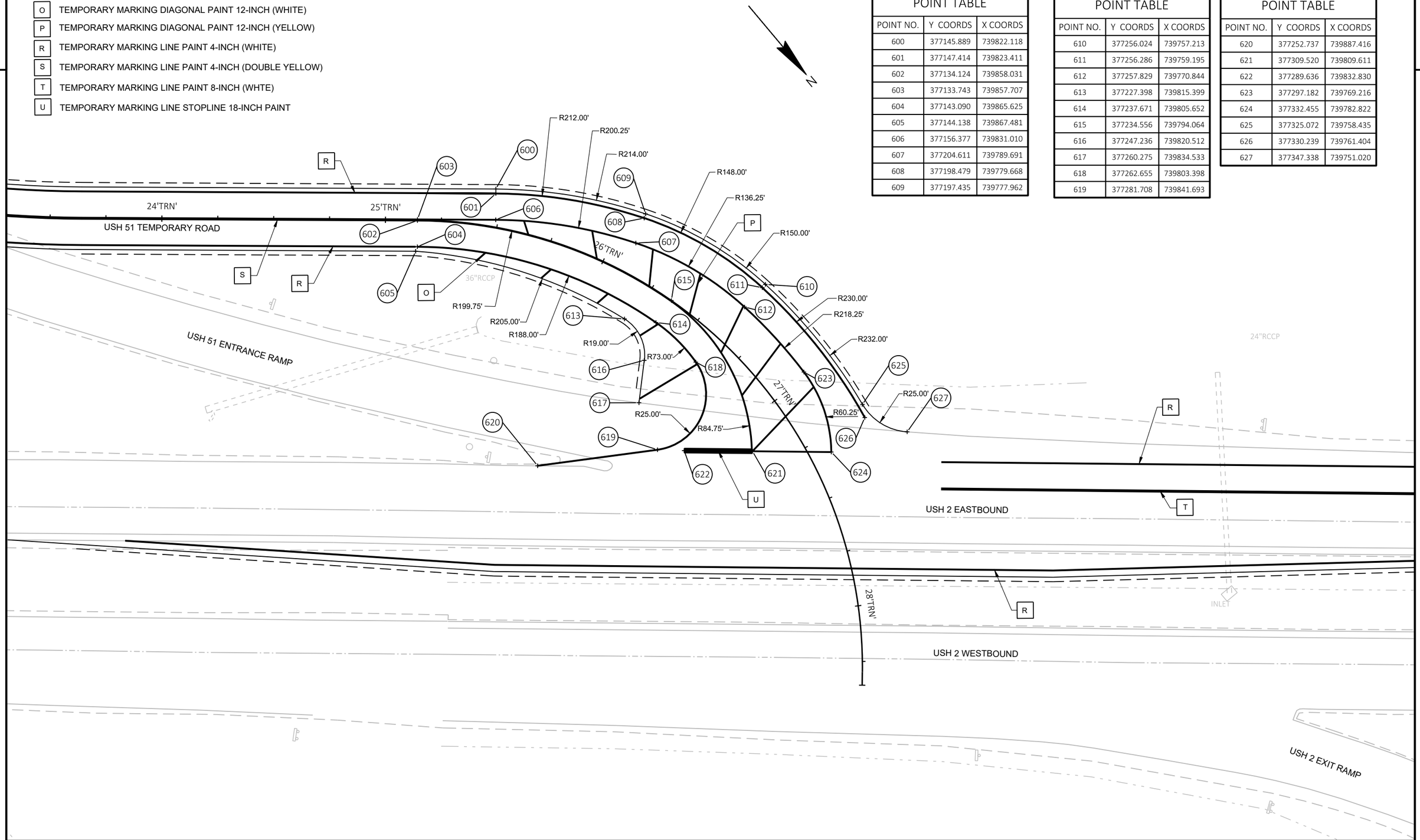
LEGEND

- O TEMPORARY MARKING DIAGONAL PAINT 12-INCH (WHITE)
- P TEMPORARY MARKING DIAGONAL PAINT 12-INCH (YELLOW)
- R TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
- S TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
- T TEMPORARY MARKING LINE PAINT 8-INCH (WHTE)
- U TEMPORARY MARKING LINE STOPLINE 18-INCH PAINT

POINT TABLE		
POINT NO.	Y COORDS	X COORDS
600	377145.889	739822.118
601	377147.414	739823.411
602	377134.124	739858.031
603	377133.743	739857.707
604	377143.090	739865.625
605	377144.138	739867.481
606	377156.377	739831.010
607	377204.611	739789.691
608	377198.479	739779.668
609	377197.435	739777.962

POINT TABLE		
POINT NO.	Y COORDS	X COORDS
610	377256.024	739757.213
611	377256.286	739759.195
612	377257.829	739770.844
613	377227.398	739815.399
614	377237.671	739805.652
615	377234.556	739794.064
616	377247.236	739820.512
617	377260.275	739834.533
618	377262.655	739803.398
619	377281.708	739841.693

POINT TABLE		
POINT NO.	Y COORDS	X COORDS
620	377252.737	739887.416
621	377309.520	739809.611
622	377289.636	739832.830
623	377297.182	739769.216
624	377332.455	739782.822
625	377325.072	739758.435
626	377330.239	739761.404
627	377347.338	739751.020



PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	TEMPORARY PAVEMENT MARKING AND PAVEMENT EDGE LAYOUT - STAGE 1	SHEET PRE_104 E

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\024515-PM.DWG
LAYOUT NAME - 024515-pm

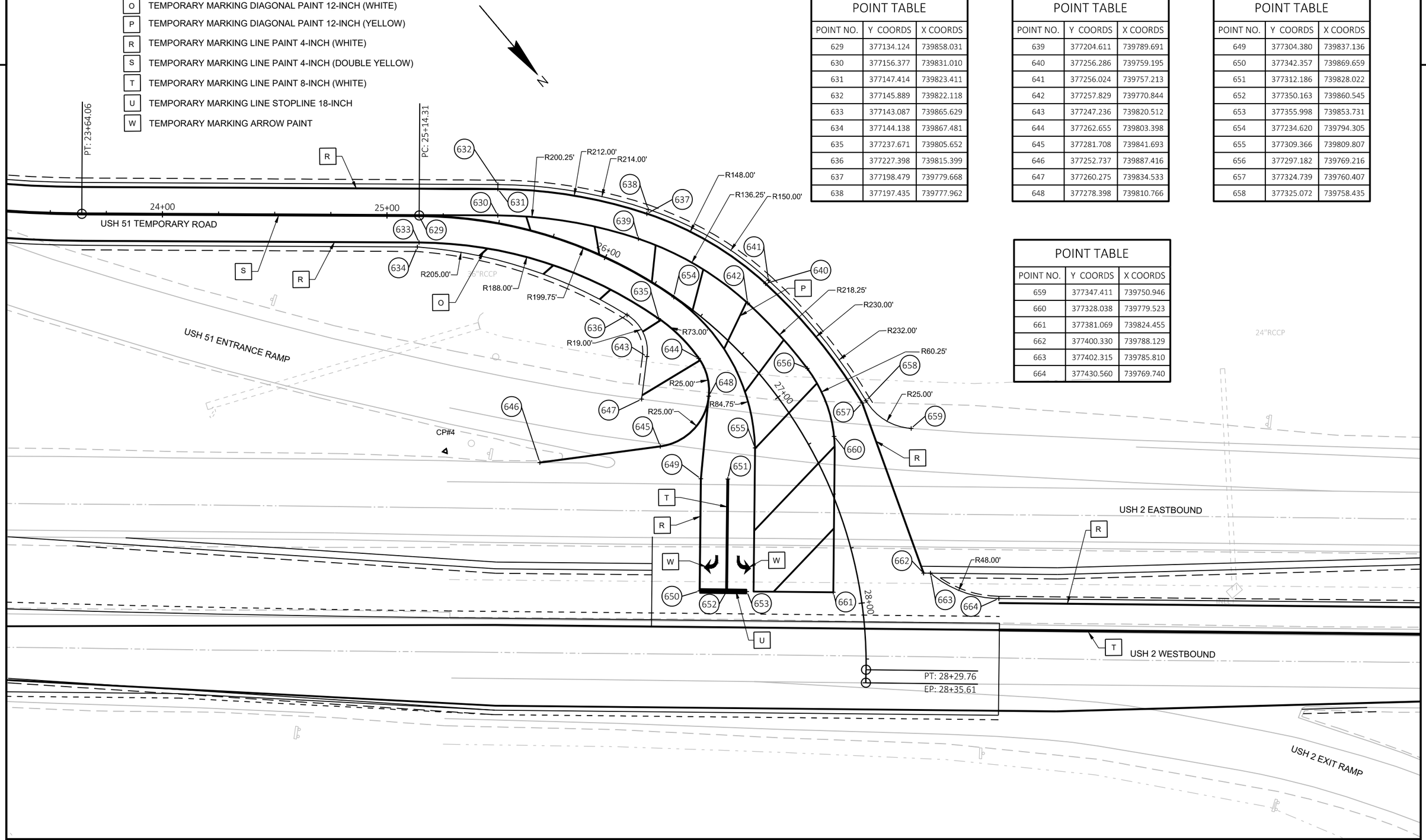
PLOT DATE : 9/2/2020 10:24 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- O TEMPORARY MARKING DIAGONAL PAINT 12-INCH (WHITE)
- P TEMPORARY MARKING DIAGONAL PAINT 12-INCH (YELLOW)
- R TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
- S TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
- T TEMPORARY MARKING LINE PAINT 8-INCH (WHITE)
- U TEMPORARY MARKING LINE STOPLINE 18-INCH
- W TEMPORARY MARKING ARROW PAINT



POINT TABLE		
POINT NO.	Y COORDS	X COORDS
629	377134.124	739858.031
630	377156.377	739831.010
631	377147.414	739823.411
632	377145.889	739822.118
633	377143.087	739865.629
634	377144.138	739867.481
635	377237.671	739805.652
636	377227.398	739815.399
637	377198.479	739779.668
638	377197.435	739777.962

POINT TABLE		
POINT NO.	Y COORDS	X COORDS
639	377204.611	739789.691
640	377256.286	739759.195
641	377256.024	739757.213
642	377257.829	739770.844
643	377247.236	739820.512
644	377262.655	739803.398
645	377281.708	739841.693
646	377252.737	739887.416
647	377260.275	739834.533
648	377278.398	739810.766

POINT TABLE		
POINT NO.	Y COORDS	X COORDS
649	377304.380	739837.136
650	377342.357	739869.659
651	377312.186	739828.022
652	377350.163	739860.545
653	377355.998	739853.731
654	377234.620	739794.305
655	377309.366	739809.807
656	377297.182	739769.216
657	377324.739	739760.407
658	377325.072	739758.435

POINT TABLE		
POINT NO.	Y COORDS	X COORDS
659	377347.411	739750.946
660	377328.038	739779.523
661	377381.069	739824.455
662	377400.330	739788.129
663	377402.315	739785.810
664	377430.560	739769.740

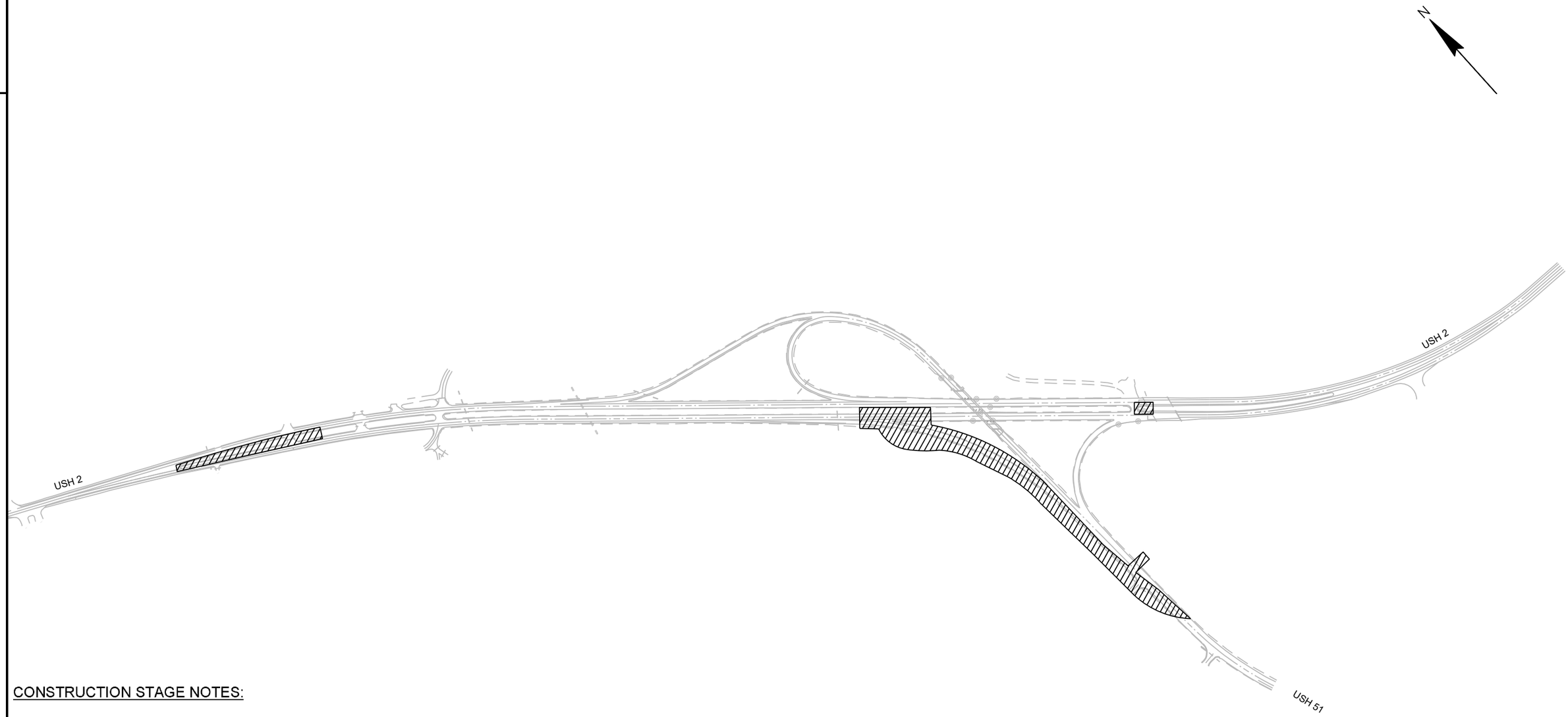
PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	TEMPORARY PAVEMENT MARKINGAND PAVEMENT EDGE LAYOUT - STAGE 3	SHEET PRE_105 E

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\024516-PM.DWG
LAYOUT NAME - 024516-pm

PLOT DATE : 9/2/2020 10:33 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2



CONSTRUCTION STAGE NOTES:

STAGE WORK
- CONSTRUCT TEMPORARY ROAD FOR USH 51
- CONSTRUCT TEMPORARY BYPASS FOR USH 2
- CONSTRUCT TEMPORARY WIDENING FOR WEST CROSSOVER
- CONSTRUCT NEW MAINTENANCE CROSSOVER AND THRIE BEAM BULLNOSE TERMINAL

TRAFFIC IMPACTS
- SHOULDER CLOSURES EB AND WB USH 2
- SHOULDER CLOSURES SB USH 51
- SHOULDER CLOSURES & FLAGGING EB USH 2 TO USH 51 SB RAMP

LEGEND
WORK AREA

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	STAGE CONSTRUCTION-STAGE 1	SHEET PRE_106 E

FILE NAME : V:\TRANS-GB\450466 USH 51 & USH 2\C3D\SHEETSPLAN\026001-S1.DWG
LAYOUT NAME - 026001-s1
PLOT DATE : 8/31/2020 10:38 AM
PLOT BY : GARNICA, BRANDON
PLOT NAME :
PLOT SCALE : 1 IN:500 FT
WISDOT/CADDS SHEET 42

2

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND BARRICADES 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 SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED UPON COMPLETION OF THE OPERATION OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

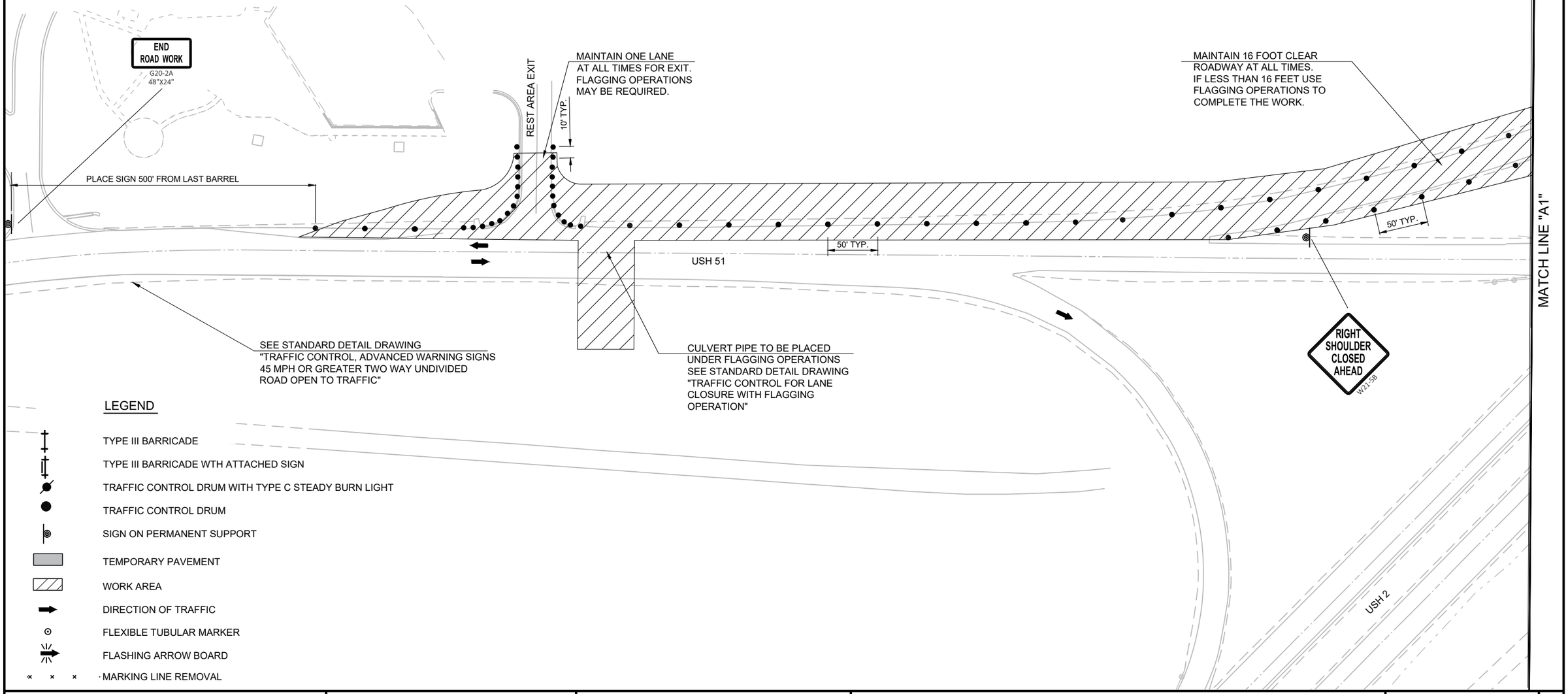
SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ANY SIGN WHICH CONFLICTS WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED AS SHOWN IN SIGN REMOVALS OR COVERED AS SHOWN IN THE MISCELLANEOUS QUANTITIES.

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

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

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



LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL DRUM
- SIGN ON PERMANENT SUPPORT
- TEMPORARY PAVEMENT
- WORK AREA
- DIRECTION OF TRAFFIC
- FLEXIBLE TUBULAR MARKER
- FLASHING ARROW BOARD
- MARKING LINE REMOVAL

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	TRAFFIC CONTROL-STAGE 1	SHEET E

PRE_107

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\025001-TC.DWG
LAYOUT NAME - 025001-tc

PLOT DATE : 8/31/2020 10:32 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

GENERAL NOTES

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

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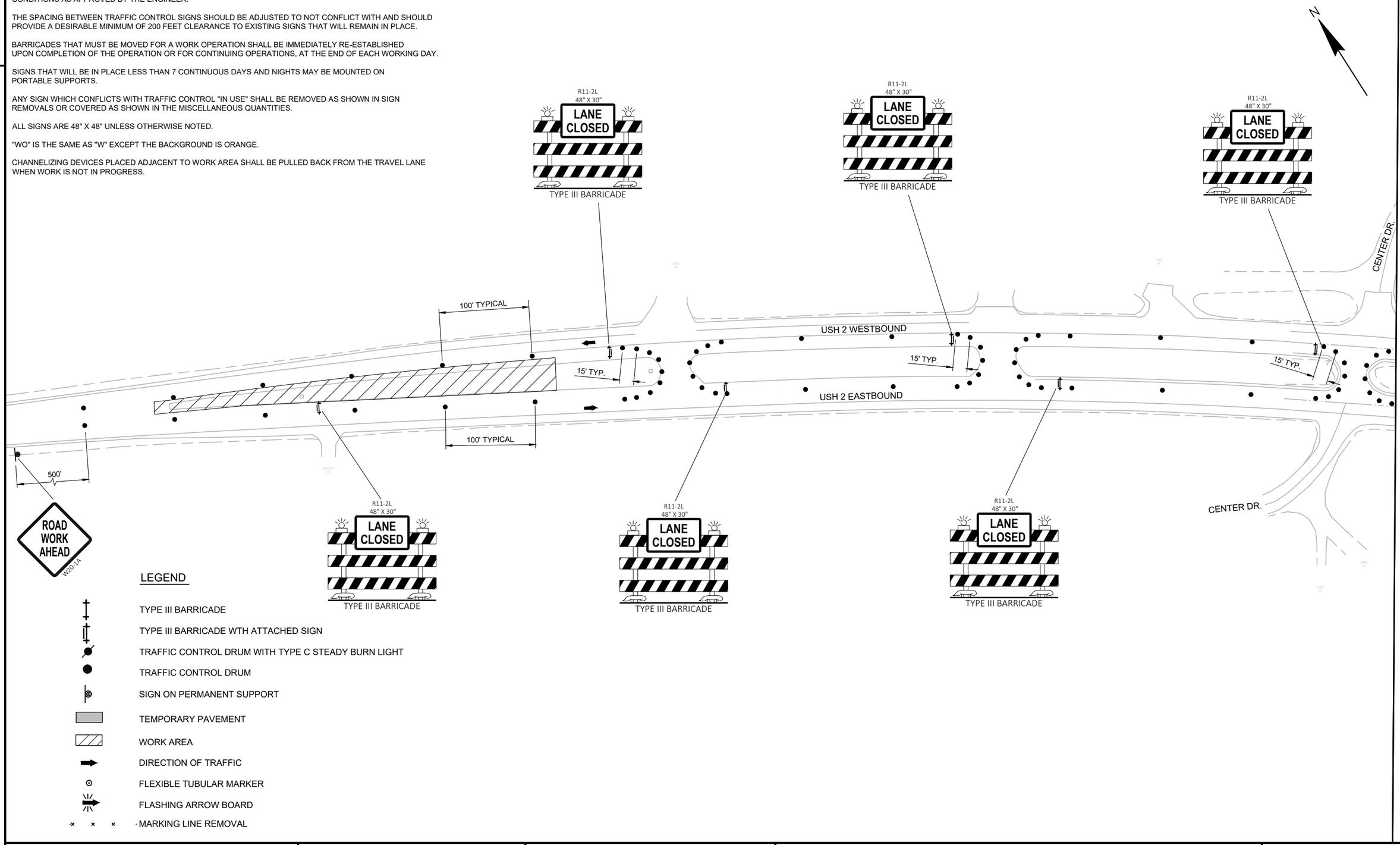
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LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL DRUM
- SIGN ON PERMANENT SUPPORT
- TEMPORARY PAVEMENT
- WORK AREA
- DIRECTION OF TRAFFIC
- FLEXIBLE TUBULAR MARKER
- FLASHING ARROW BOARD
- MARKING LINE REMOVAL

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	TRAFFIC CONTROL-STAGE 1	SHEET E

2

GENERAL NOTES

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

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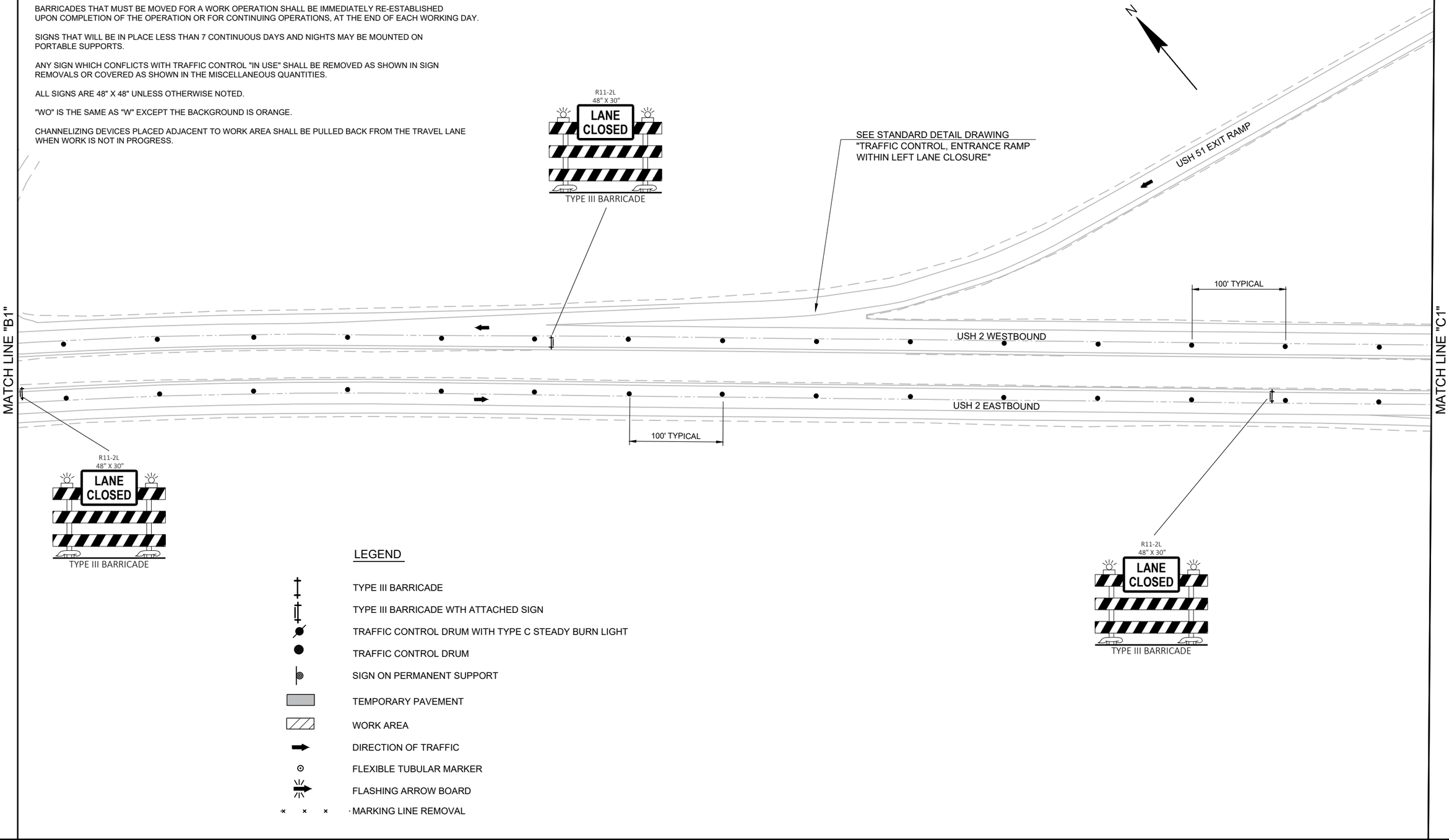
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LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL DRUM
- SIGN ON PERMANENT SUPPORT
- TEMPORARY PAVEMENT
- WORK AREA
- DIRECTION OF TRAFFIC
- FLEXIBLE TUBULAR MARKER
- FLASHING ARROW BOARD
- MARKING LINE REMOVAL

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	TRAFFIC CONTROL-STAGE 1	SHEET E

2

2

MATCH LINE "C1"

MATCH LINE "D1"

USH 51 EXIT RAMP

USH 2 EXIT RAMP

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

N

GENERAL NOTES

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SALVAGE GUARDRAIL END TREATMENTS

STEEL PLATE BEAMGUARD TEMPORARY 112.5' REQ'D.

STEEL PLATE BEAMGUARD ENERGY ABSORBING TERMINAL TEMPORARY REQ'D.

100' TYPICAL

USH 2 WESTBOUND

USH 2 EASTBOUND

100' TYPICAL

50' TYP.

50' TYP.

50' TYP.

USH 51 ENTRANCE RAMP

SIGNING AND ARROW BOARD
PER STANDARD DETAIL DRAWING "TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 45 MPH"

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

MATCH LINE "A1"

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL DRUM
- SIGN ON PERMANENT SUPPORT
- TEMPORARY PAVEMENT
- WORK AREA
- DIRECTION OF TRAFFIC
- FLEXIBLE TUBULAR MARKER
- FLASHING ARROW BOARD
- MARKING LINE REMOVAL

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	TRAFFIC CONTROL-STAGE 1	SHEET E

PRE_110

2

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL DRUM
- SIGN ON PERMANENT SUPPORT
- TEMPORARY PAVEMENT
- WORK AREA
- DIRECTION OF TRAFFIC
- FLEXIBLE TUBULAR MARKER
- FLASHING ARROW BOARD
- MARKING LINE REMOVAL

GENERAL NOTES

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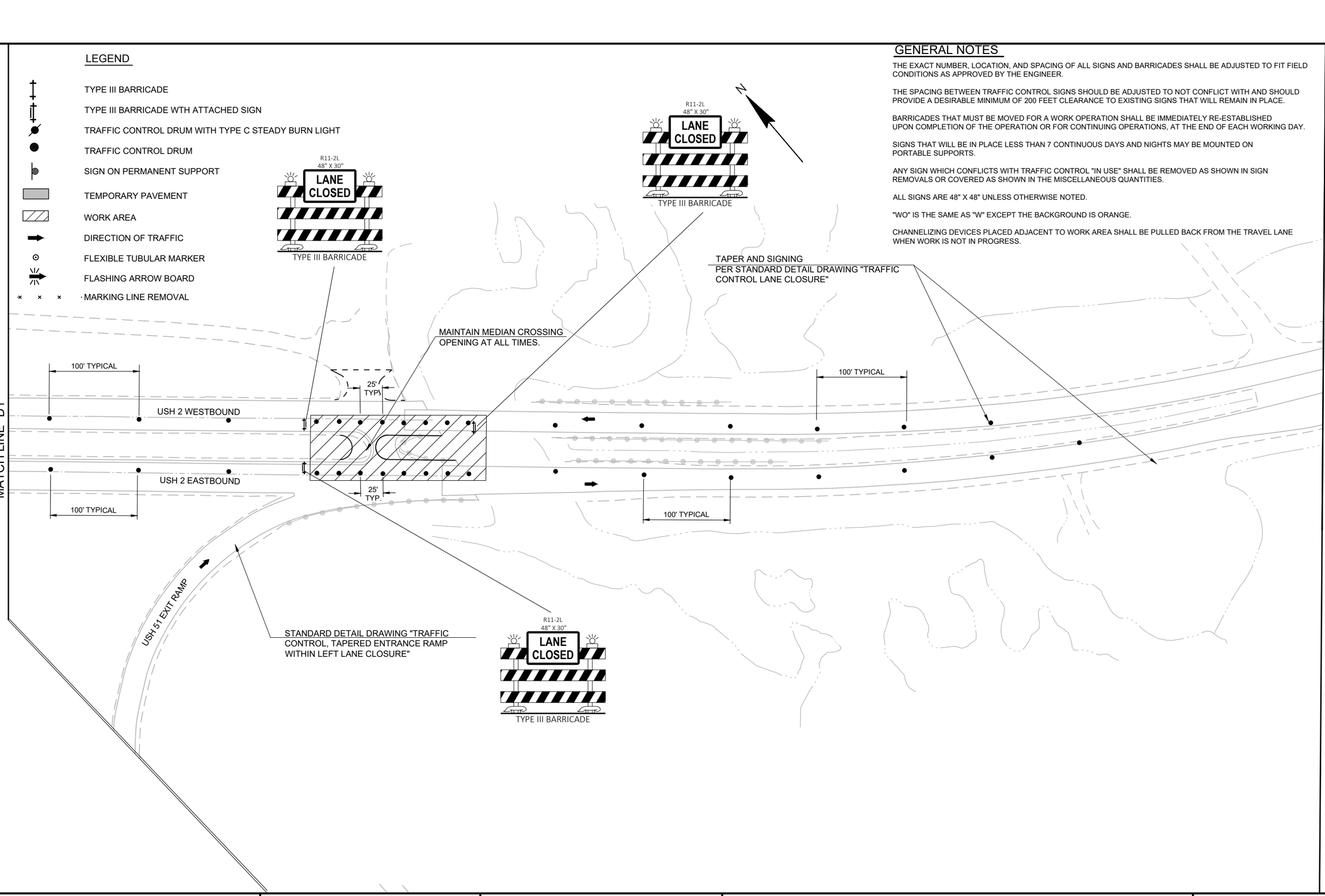
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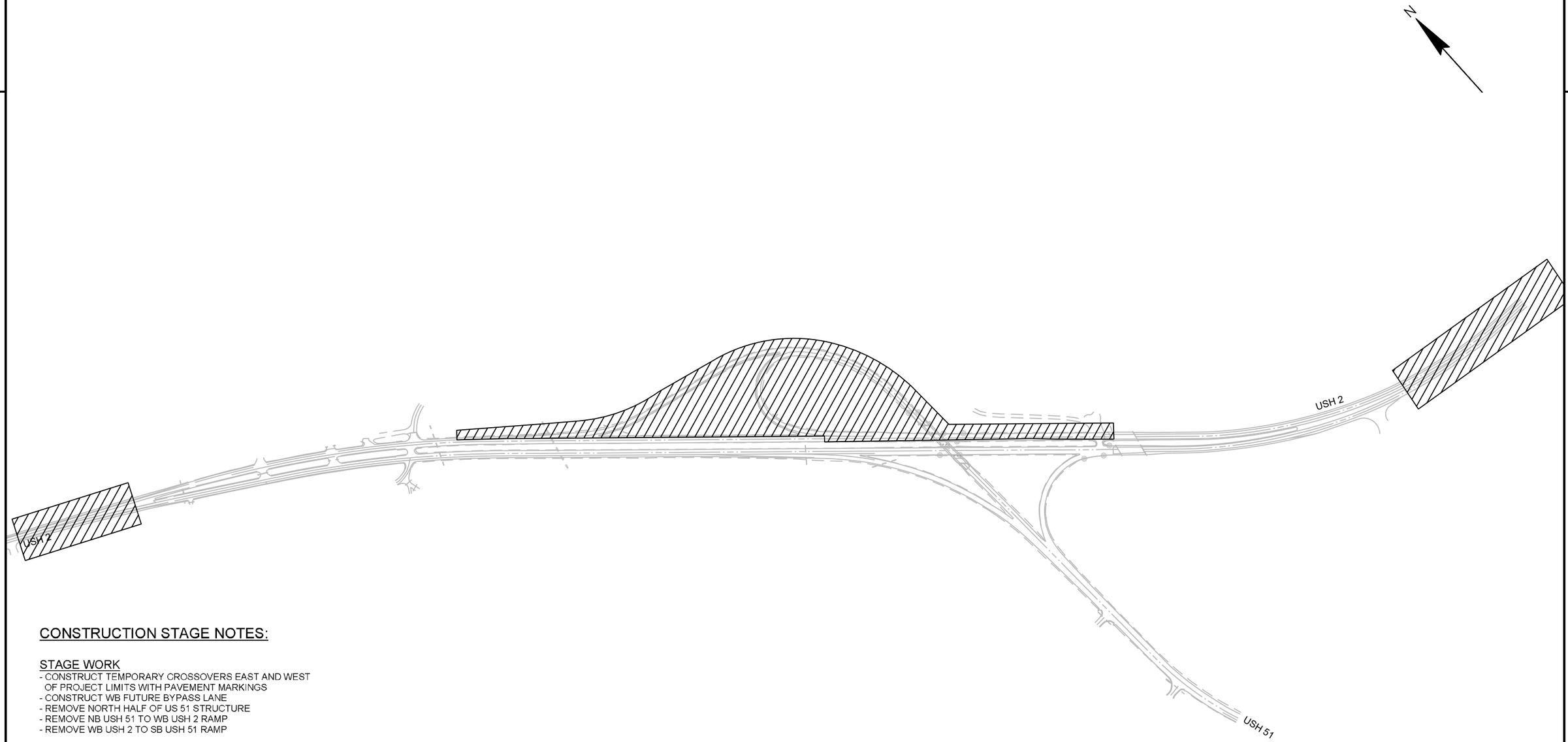
PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	TRAFFIC CONTROL-STAGE 1	SHEET E

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\025005-TC.DWG
LAYOUT NAME - 025005-tc

PLOT DATE : 8/31/2020 10:33 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:100 FT

PRE_111

2



CONSTRUCTION STAGE NOTES:

STAGE WORK
- CONSTRUCT TEMPORARY CROSSOVERS EAST AND WEST OF PROJECT LIMITS WITH PAVEMENT MARKINGS
- CONSTRUCT WB FUTURE BYPASS LANE
- REMOVE NORTH HALF OF US 51 STRUCTURE
- REMOVE NB USH 51 TO WB USH 2 RAMP
- REMOVE WB USH 2 TO SB USH 51 RAMP

TRAFFIC IMPACTS
- BIDIRECTIONAL TRAFFIC ON EB USH 2 LANES
- TEMPORARY CROSSOVERS EAST AND WEST OF PROJECT LIMITS
- USH 51 ACCESS VIA TEMPORARY ROADWAY
- CONSTRUCT WB USH 2 BYPASS LANE

LEGEND
WORK AREA

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	STAGE CONSTRUCTION-STAGE 2	SHEET E

PRE_112

FILE NAME : V:\TRANS-GB\450466 USH 51 & USH 2\C3D\SHEETSPLAN\026001-S2.DWG
LAYOUT NAME - 026001-s2

PLOT DATE : 8/31/2020 10:38 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:500 FT

GENERAL NOTES

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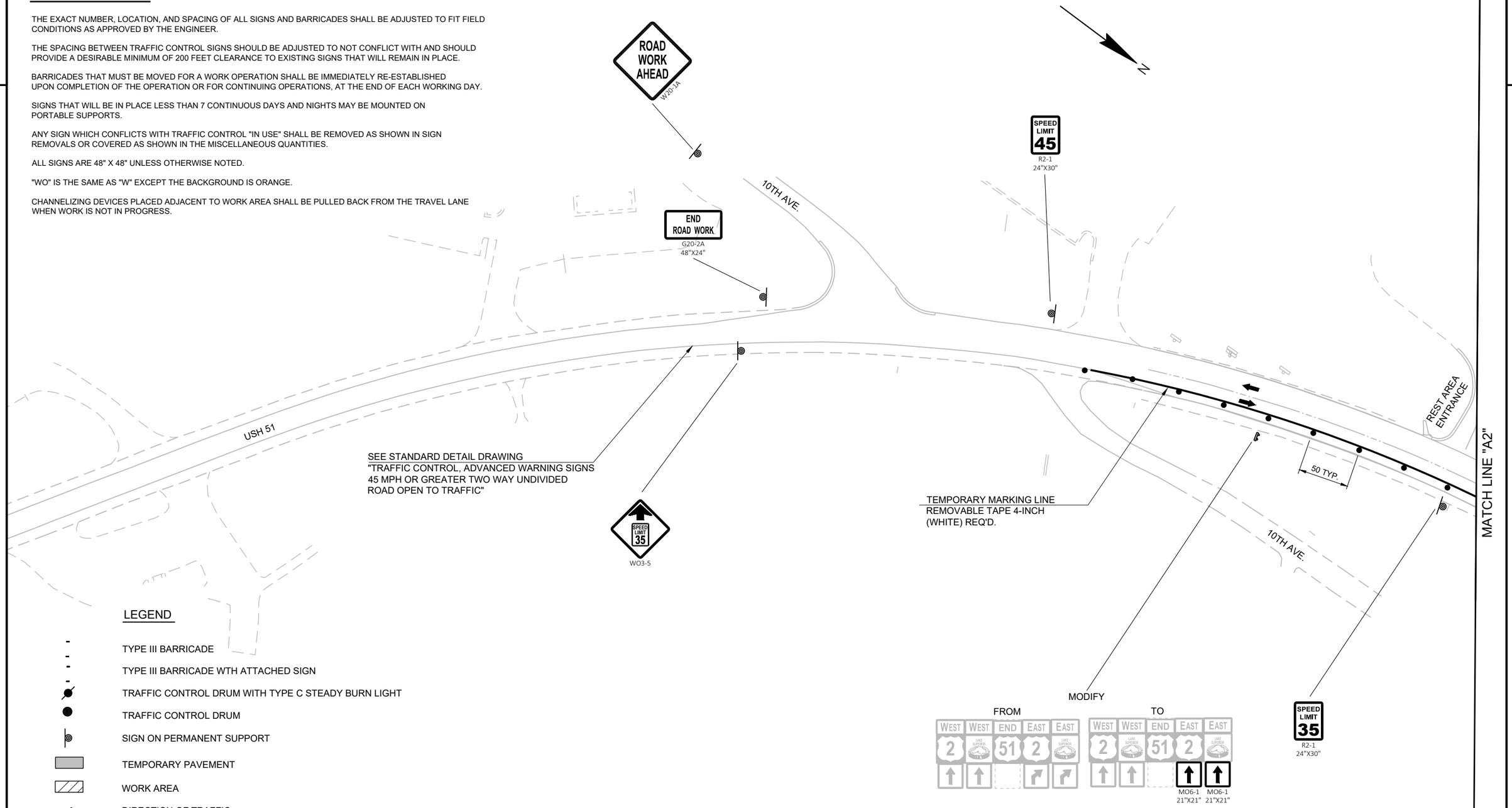
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LEGEND

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- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL DRUM
- SIGN ON PERMANENT SUPPORT
- TEMPORARY PAVEMENT
- WORK AREA
- DIRECTION OF TRAFFIC
- FLEXIBLE TUBULAR MARKER
- FLASHING ARROW BOARD
- MARKING LINE REMOVAL

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	TRAFFIC CONTROL-STAGE 2	SHEET PRE_113 E

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\025006-TC.DWG
LAYOUT NAME - 025006-tc
PLOT DATE : 8/31/2020 10:33 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:100 FT

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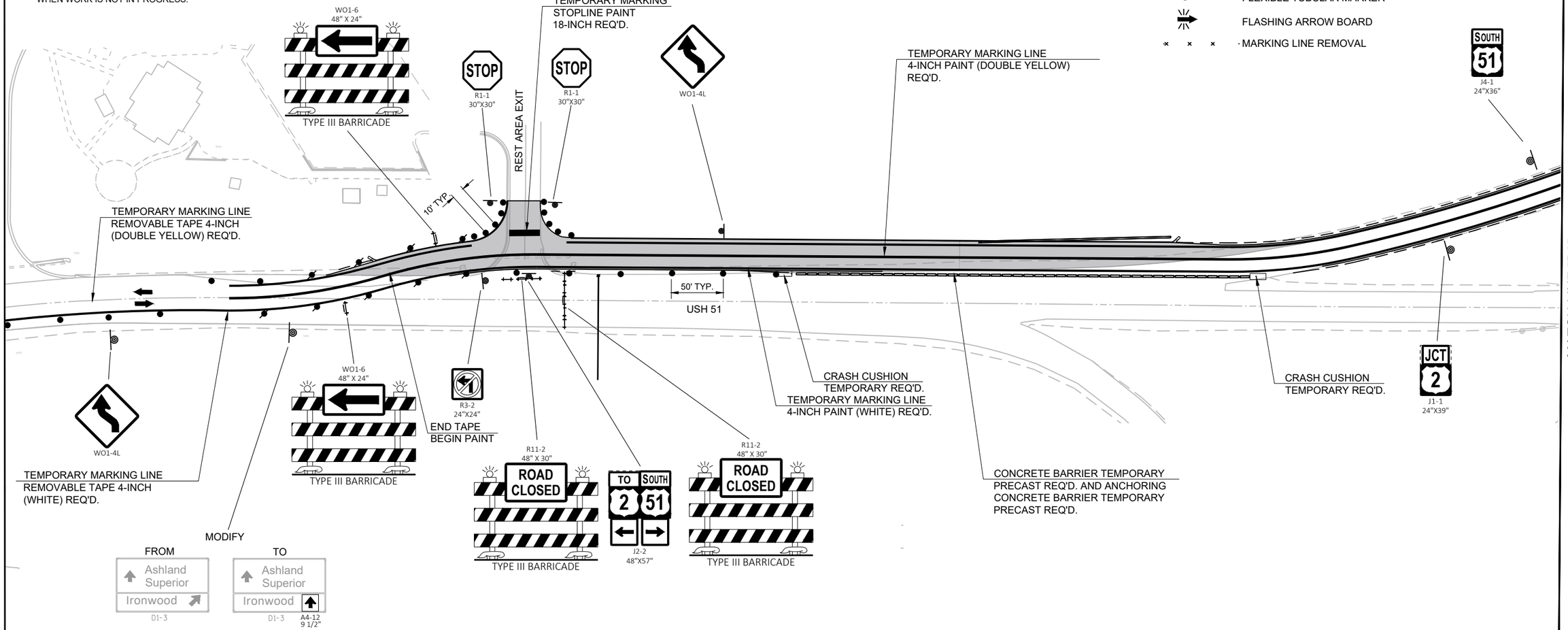
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- TEMPORARY PAVEMENT
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- FLEXIBLE TUBULAR MARKER
- FLASHING ARROW BOARD
- MARKING LINE REMOVAL



PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	TRAFFIC CONTROL-STAGE 2	SHEET E

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\025007-TC.DWG
LAYOUT NAME - 025007-tc
PLOT DATE : 8/31/2020 10:33 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:100 FT

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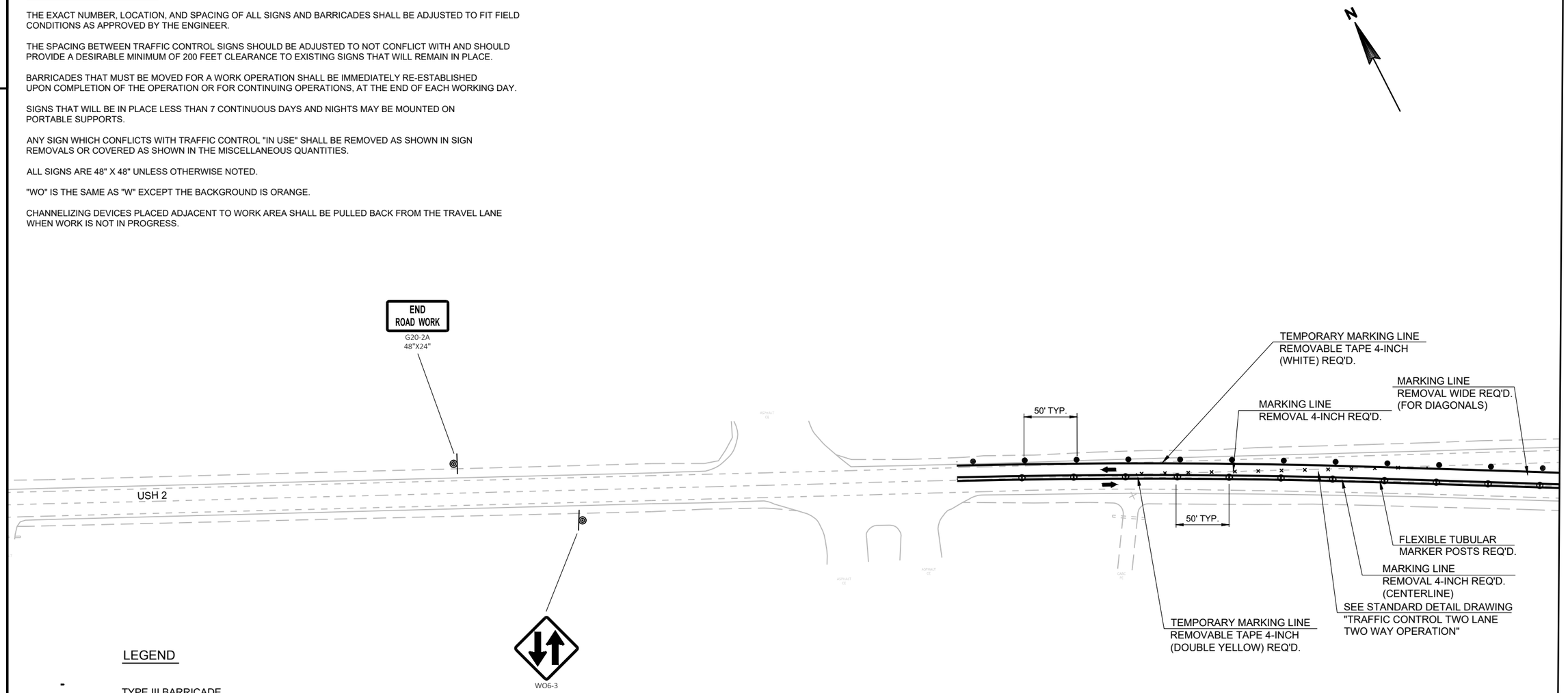
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- FLEXIBLE TUBULAR MARKER
- FLASHING ARROW BOARD
- MARKING LINE REMOVAL

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	TRAFFIC CONTROL-STAGE 2	SHEET E

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\025008-TC.DWG
LAYOUT NAME - 025008-tc
PLOT DATE : 8/31/2020 10:34 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:100 FT

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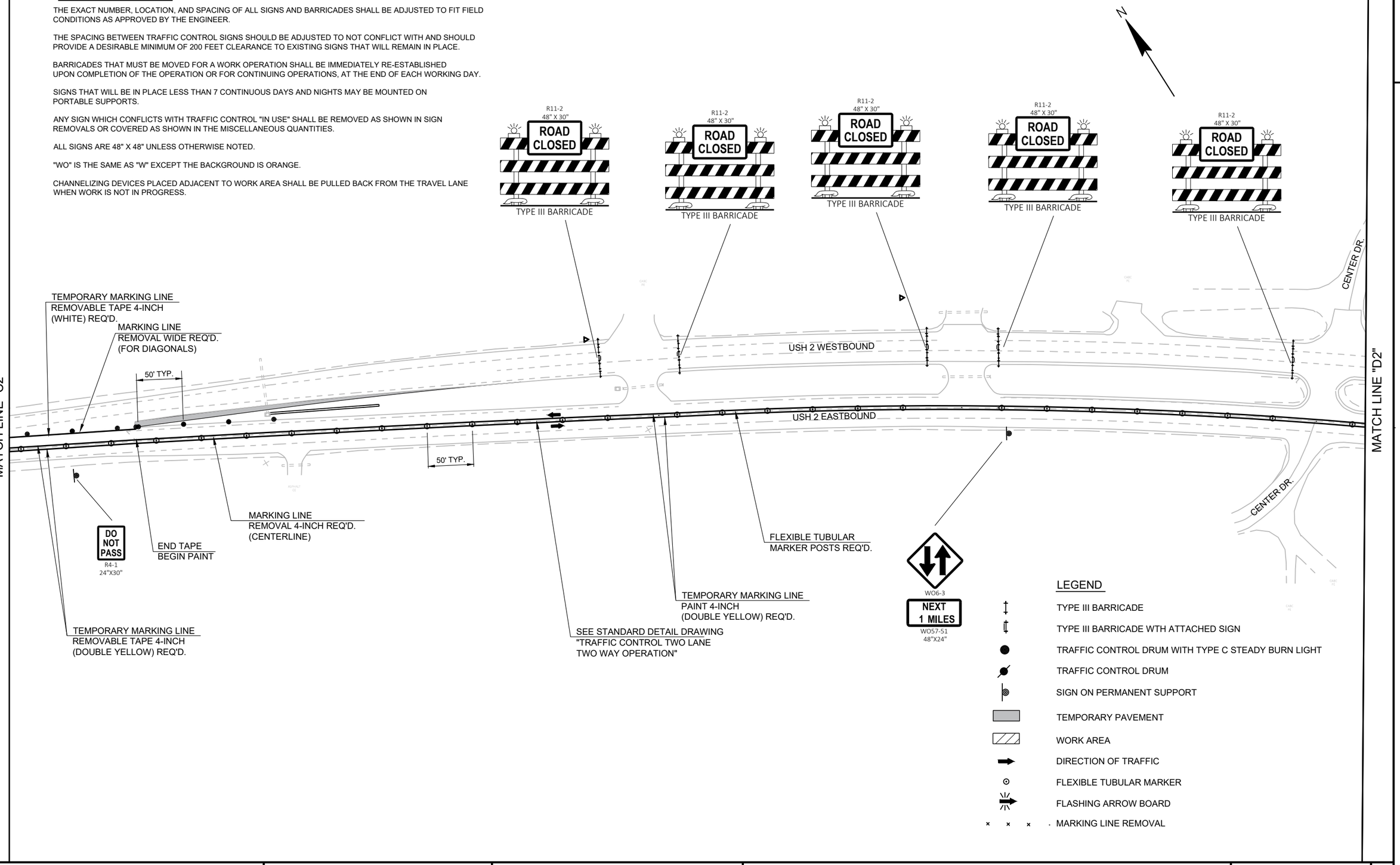
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- MARKING LINE REMOVAL

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	TRAFFIC CONTROL-STAGE 2	SHEET E

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\025009-TC.DWG
LAYOUT NAME - 025009-tc
PLOT DATE : 8/31/2020 10:34 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:100 FT

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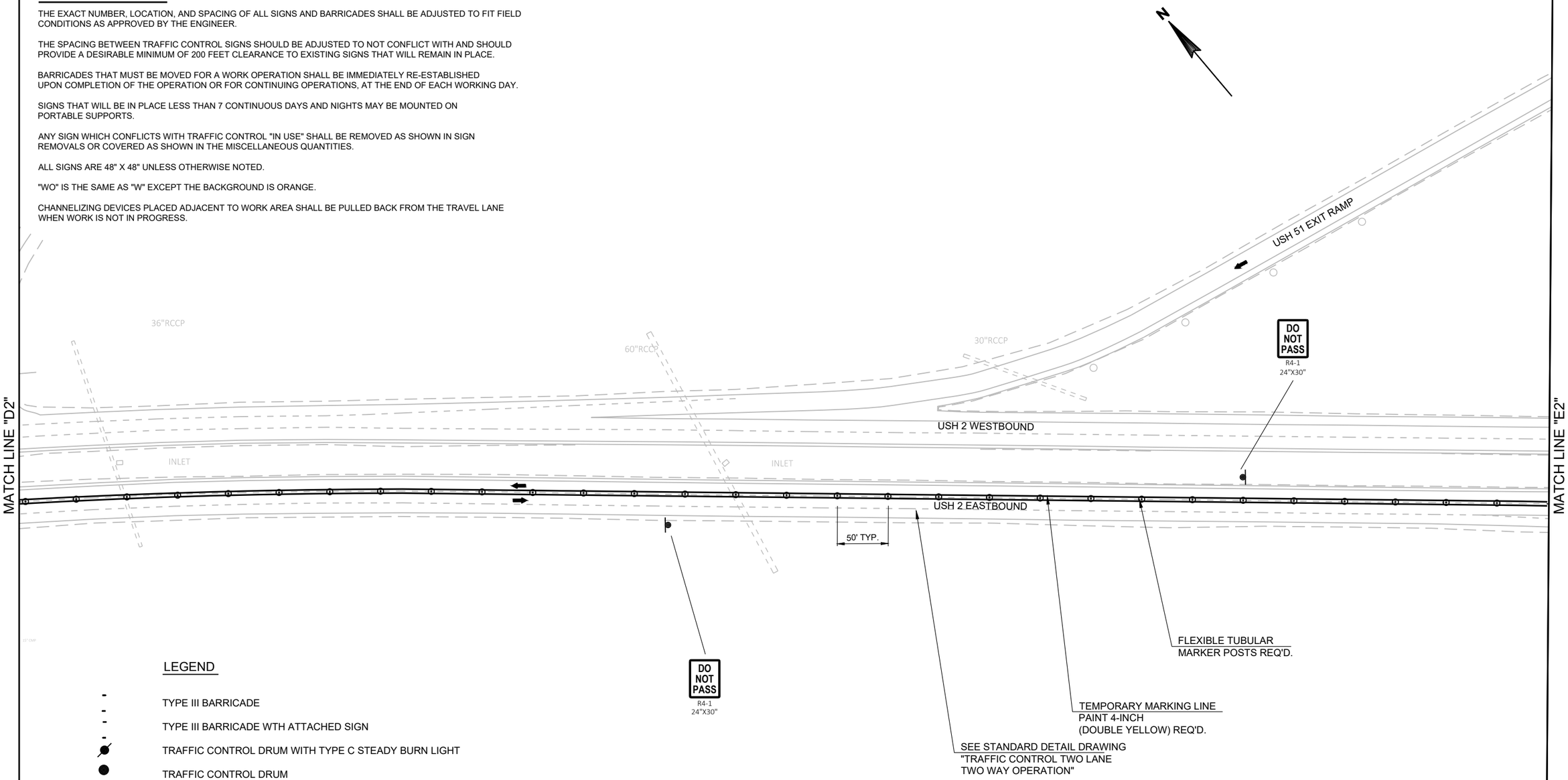
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PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	TRAFFIC CONTROL-STAGE 2	SHEET E

PRE_117

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\025010-TC.DWG
LAYOUT NAME - 025010-tc

PLOT DATE : 8/31/2020 10:34 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

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MATCH LINE "E2"

MATCH LINE "F2"

MATCH LINE "B2"

USH 2 ENTRANCE RAMP

USH 2 EXIT RAMP

USH 2 WESTBOUND

USH 2 EASTBOUND

USH 51

USH 51 ENTRANCE RAMP

WEST 2 / EAST 2
J2-2
48"X57"

SOUTH 51 TO 77 / WEST 2
J2-3
72"X57"

TEMPORARY MARKING LINE
STOPLINE 18-INCH PAINT REQ'D.

TEMPORARY MARKING LINE
PAINT 4-INCH REQ'D.

MARKING LINE
REMOVAL 4-INCH REQ'D.

REMOVE NORTH HALF
OF BRIDGE

50' TYP.

BEGIN RIGHT TURN LANE
R3-20R
24"X36"

TEMPORARY MARKING LINE
PAINT 8-INCH REQ'D.

TEMPORARY MARKING LINE
PAINT 4-INCH REQ'D.

TEMPORARY MARKING LINE
PAINT 4-INCH
(DOUBLE YELLOW) REQ'D.

TEMPORARY MARKING
WORD PAINT REQ'D.

TEMPORARY MARKING
ARROW PAINT REQ'D.

TEMPORARY MARKING
DIAGONAL PAINT 12-INCH
(YELLOW) REQ'D.

FLEXIBLE TUBULAR
MARKER POSTS REQ'D.

SEE STANDARD DETAIL DRAWING
"TRAFFIC CONTROL TWO LANE
TWO WAY OPERATION"

STOP
R1-1
30"X30"

25' TYP.

WO1-6
48"X24"

WO1-6
48"X24"

WO3-1
36"X36"

SPEED LIMIT 35
R2-1
24"X30"

TEMPORARY MARKING
DIAGONAL PAINT 12-INCH
(WHITE) REQ'D.

TEMPORARY MARKING LINE
PAINT 4-INCH REQ'D.

TEMPORARY MARKING LINE
PAINT 4-INCH
(DOUBLE YELLOW) REQ'D.

WO1-2R
36"X36"

25 MPH
WO13-1
18"X18"

25' TYP.

DO NOT PASS
R4-1
24"X30"

SEE STANDARD DETAIL DRAWING
"TRAFFIC CONTROL TWO LANE
TWO WAY OPERATION"

TEMPORARY MARKING LINE
PAINT 4-INCH REQ'D.

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
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- MARKING LINE REMOVAL

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	TRAFFIC CONTROL-STAGE 2	SHEET E

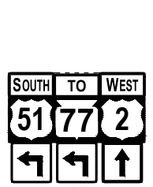
PRE_118

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\025011-TC.DWG
LAYOUT NAME - 025011-tc

PLOT DATE : 8/31/2020 10:34 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2



J2-3
72"X57"



WO6-3
36"X36"

WO57-51
48"X24"



R11-2
48" X 30"

TYPE III BARRICADE



R11-2
48" X 30"

TYPE III BARRICADE



J1-1
24"X39"



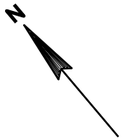
R11-2
48" X 30"

TYPE III BARRICADE



R11-2
48" X 30"

TYPE III BARRICADE



MATCH LINE "F2"

MATCH LINE "G2"

FLEXIBLE TUBULAR
MARKER POSTS REQ'D.

CONCRETE BARRIER TEMPORARY
PRECAST 100 FEET REQ'D.
(PLACE FIRST SECTION BEHIND
GUARDRAIL)

CRASH CUSHION
TEMPORARY REQ'D.

SEWAGE DISPOSAL RD.

10' TYP.

USH 2 WESTBOUND

USH 2 EASTBOUND

25'
TYP.

START TEMPORARY MARKING
LINE REMOVABLE TAPE
4-INCH (DOUBLE YELLOW)

USH 51 EXIT RAMP

TEMPORARY MARKING LINE
PAINT 4-INCH
(DOUBLE YELLOW) REQ'D.

CONCRETE BARRIER TEMPORARY
PRECAST 100 FEET REQ'D.
(PLACE FIRST SECTION BEHIND
GUARDRAIL)

CRASH CUSHION
TEMPORARY REQ'D.

SEE STANDARD DETAIL DRAWING
"TRAFFIC CONTROL TWO LANE
TWO WAY OPERATION"

TEMPORARY MARKING
LINE REMOVABLE TAPE
4-INCH (WHITE)

TEMPORARY MARKING
LINE REMOVABLE TAPE
4-INCH (DOUBLE YELLOW)

LEGEND

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- TYPE III BARRICADE WTH ATTACHED SIGN
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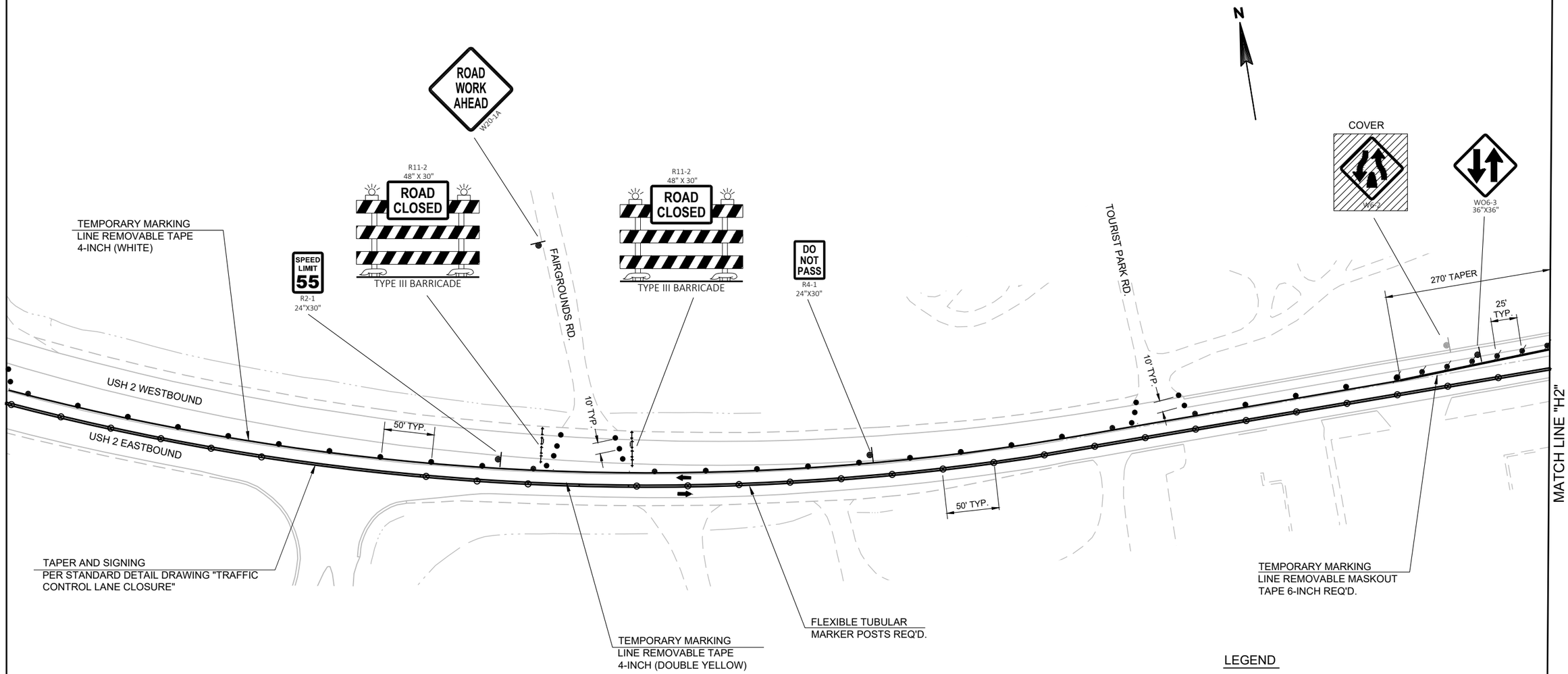
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PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	TRAFFIC CONTROL-STAGE 2	SHEET E

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\025012-TC.DWG
LAYOUT NAME - 025012-tc

PLOT DATE : 8/31/2020 10:34 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:100 FT

2



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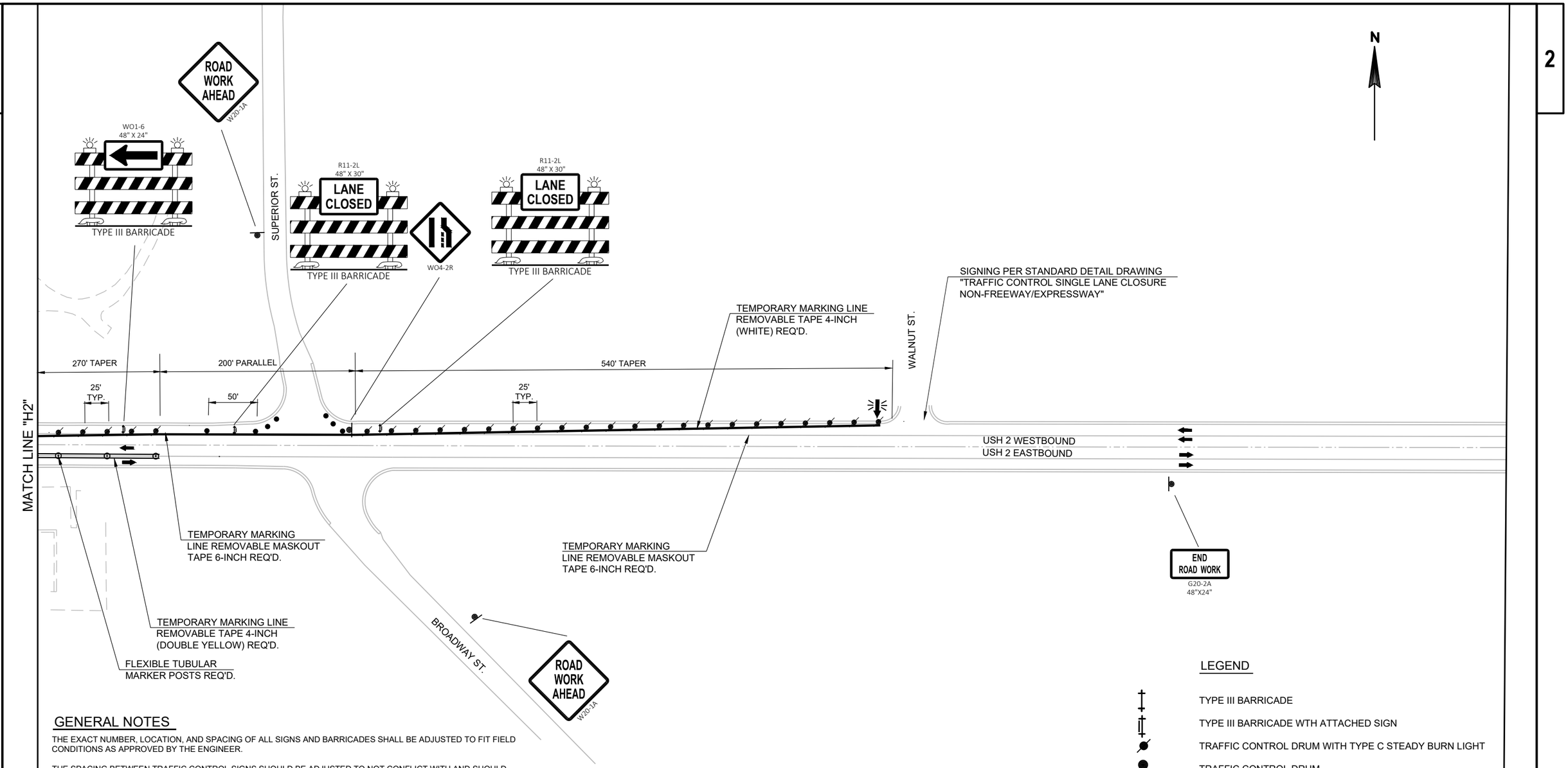
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- MARKING LINE REMOVAL

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	TRAFFIC CONTROL-STAGE 2	SHEET PRE_120 E

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\025013-TC.DWG
LAYOUT NAME - 025013-tc
PLOT DATE : 8/31/2020 10:34 AM
PLOT BY : GARNICA, BRANDON
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2



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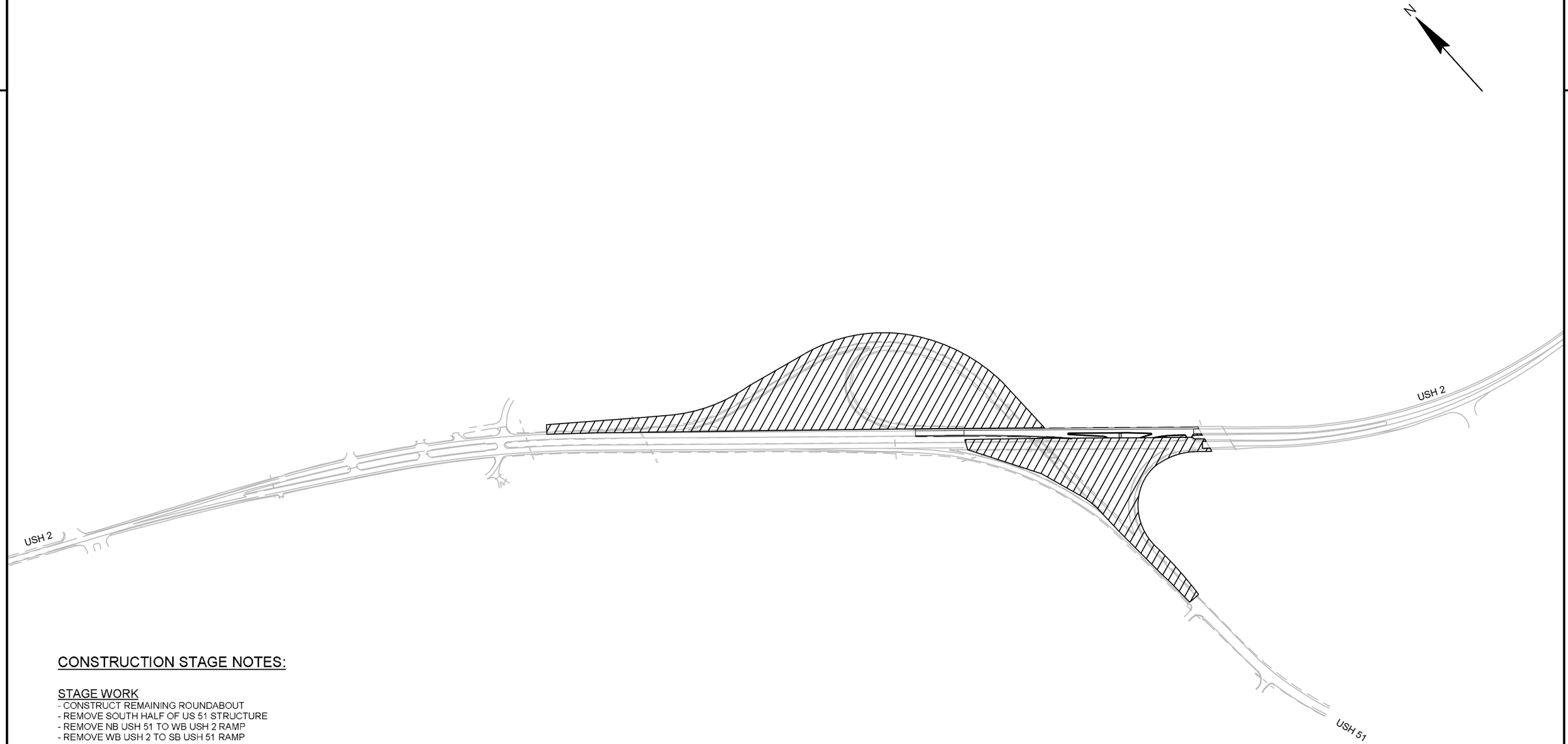
CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL DRUM
- SIGN ON PERMANENT SUPPORT
- TEMPORARY PAVEMENT
- WORK AREA
- DIRECTION OF TRAFFIC
- FLEXIBLE TUBULAR MARKER
- FLASHING ARROW BOARD
- MARKING LINE REMOVAL

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	TRAFFIC CONTROL-STAGE 2	SHEET E

2



CONSTRUCTION STAGE NOTES:

STAGE WORK
- CONSTRUCT REMAINING ROUNDABOUT
- REMOVE SOUTH HALF OF US 51 STRUCTURE
- REMOVE NB USH 51 TO WB USH 2 RAMP
- REMOVE WB USH 2 TO SB USH 51 RAMP
- REMOVE NB USH 51 TO EB USH 2 RAMP

TRAFFIC IMPACTS
- BIDIRECTIONAL TRAFFIC ON WB USH 2 LANES AND FUTURE ROUNDABOUT BYPASS LANE
- TEMPORARY CROSSOVERS EAST AND WEST OF PROJECT LIMITS
- US 51 ACCESS VIA TEMPORARY ROADWAY

LEGEND
WORK AREA

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	STAGE CONSTRUCTION-STAGE 3	SHEET E

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\026001-S3.DWG
LAYOUT NAME - 026001-s3
PLOT DATE : 8/31/2020 1:34 PM
PLOT BY : SOUFAL, KEVIN
PLOT NAME :
PLOT SCALE : 1 IN:500 FT

2

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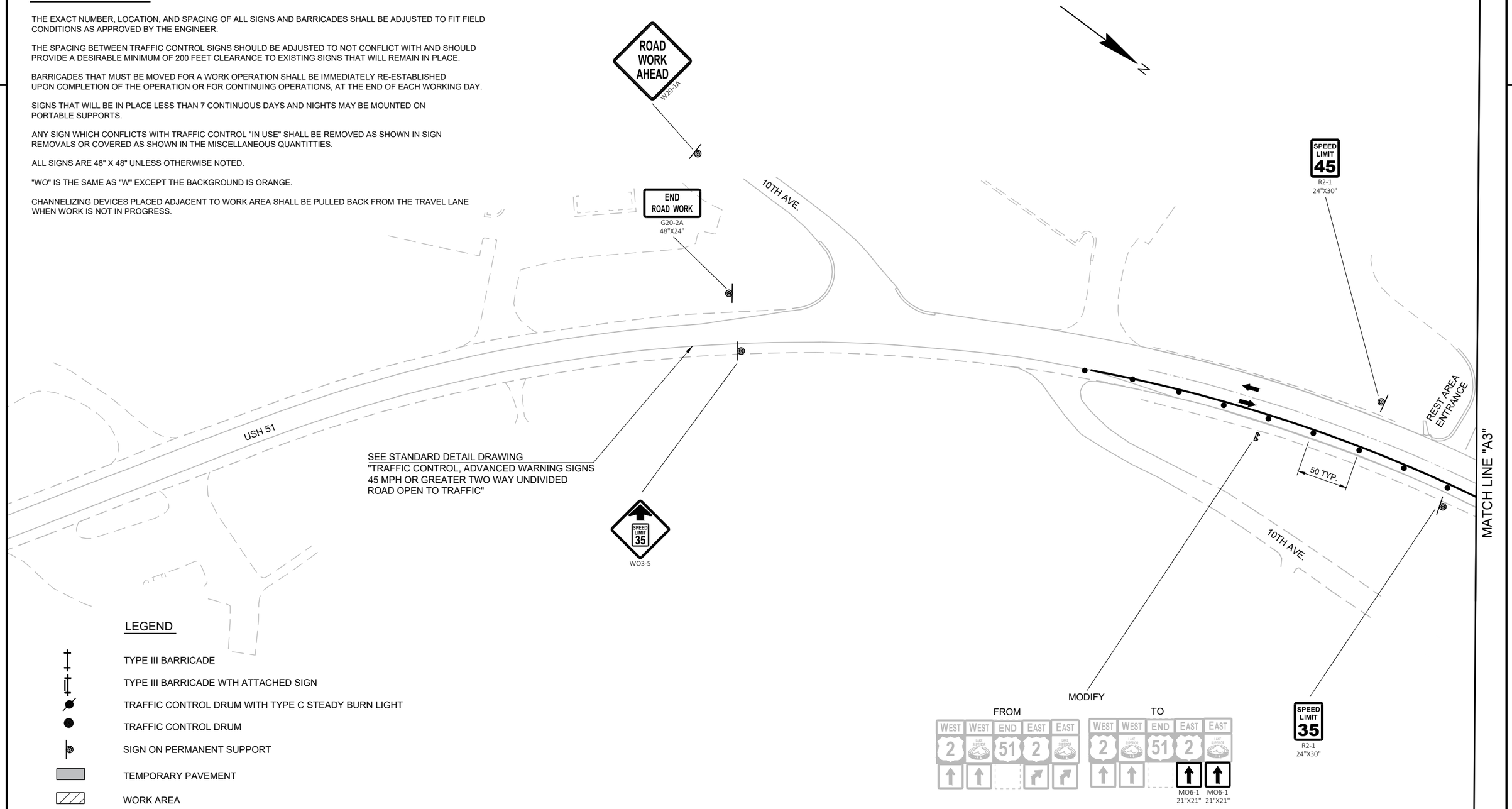
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PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	TRAFFIC CONTROL-STAGE 3	SHEET E

FILE NAME : \\AYRES_ACTIVE\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\025015-TC.DWG
LAYOUT NAME - 025015-tc
PLOT DATE : 8/31/2020 10:35 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:100 FT

PRE_123

WISDOT/CADDS SHEET 42

2

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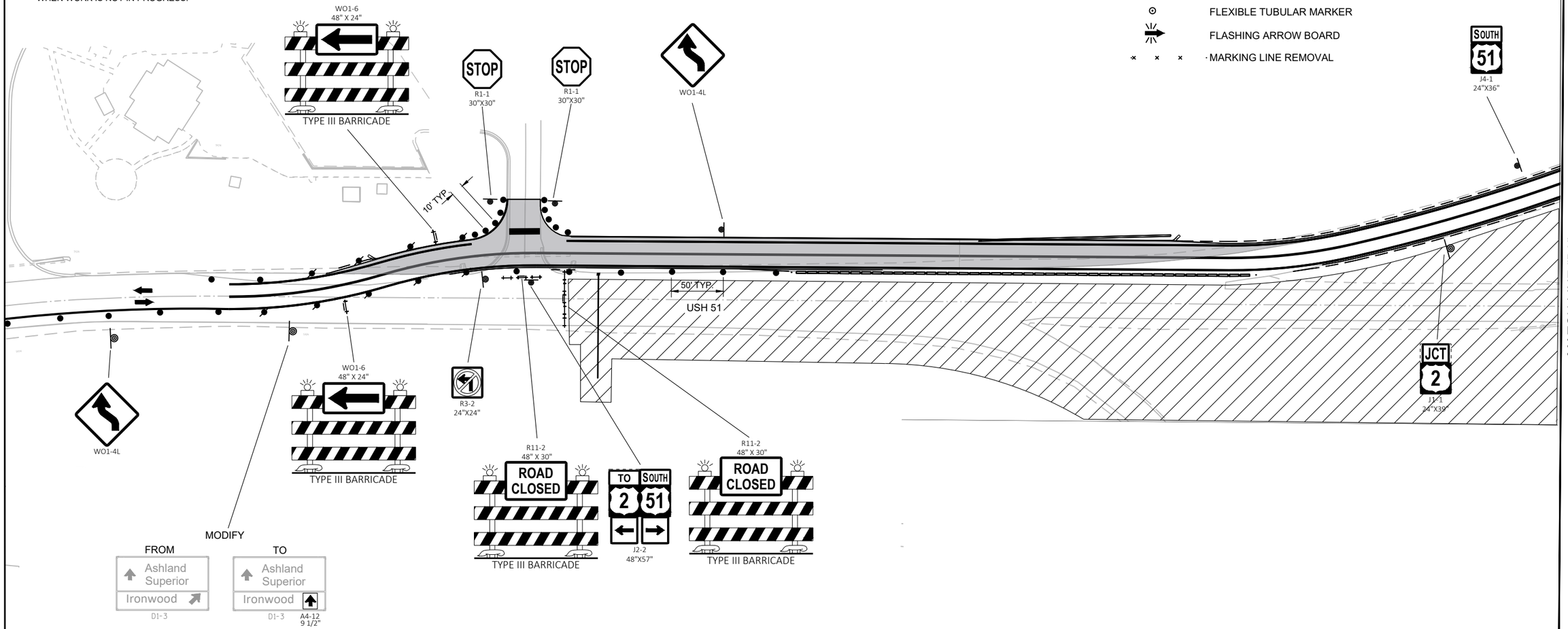
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N

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PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	TRAFFIC CONTROL-STAGE 3	SHEET E

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\025016-TC.DWG
LAYOUT NAME - 025016-tc

PLOT DATE : 8/31/2020 10:35 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:100 FT

PRE_124

WISDOT/CADDS SHEET 42

2

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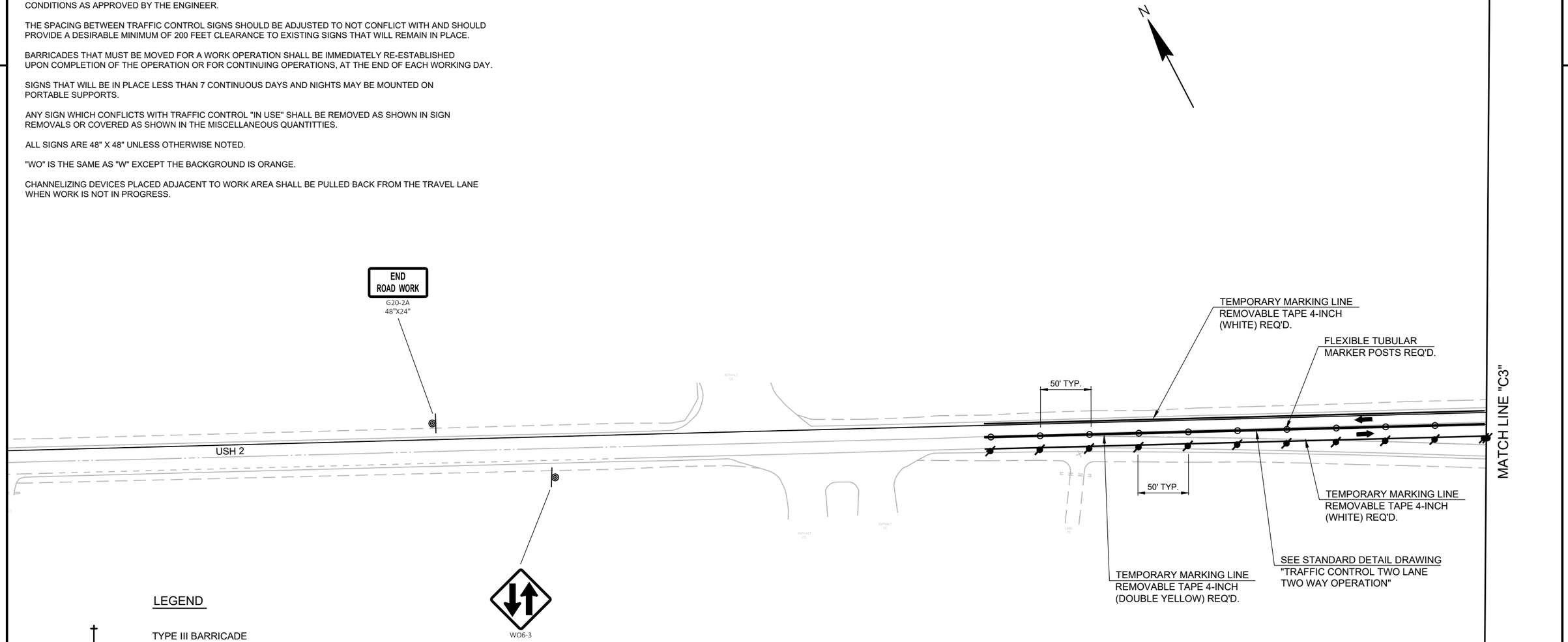
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2

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	TRAFFIC CONTROL-STAGE 3	SHEET E

PRE_125

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\025017-TC.DWG
LAYOUT NAME - 025017-tc

PLOT DATE : 8/31/2020 10:35 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

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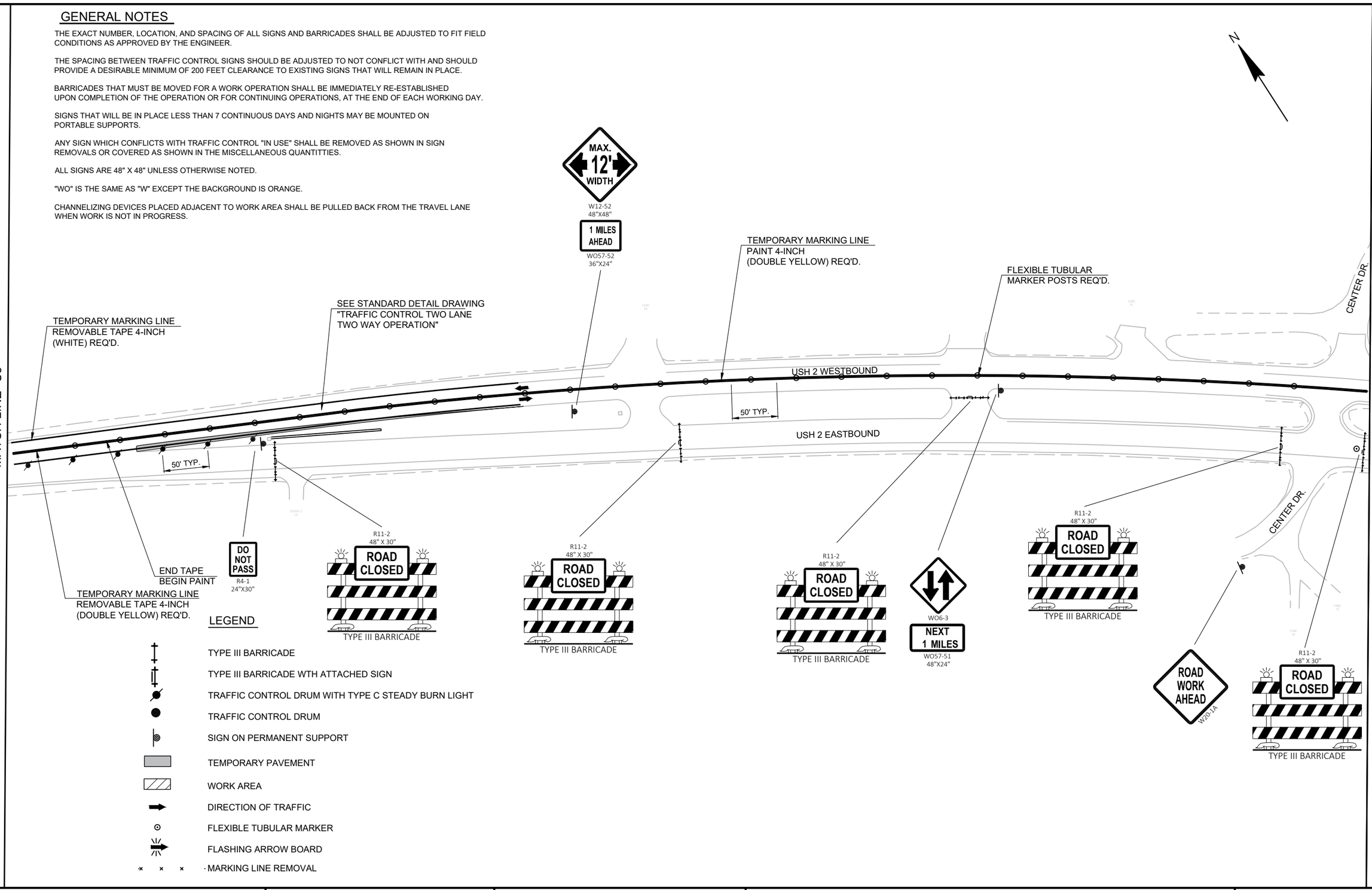
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PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	TRAFFIC CONTROL-STAGE 3	SHEET E

PRE_126

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\025018-TC.DWG
LAYOUT NAME - 025018-tc
PLOT DATE : 8/31/2020 10:35 AM
PLOT BY : GARNICA, BRANDON
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

GENERAL NOTES

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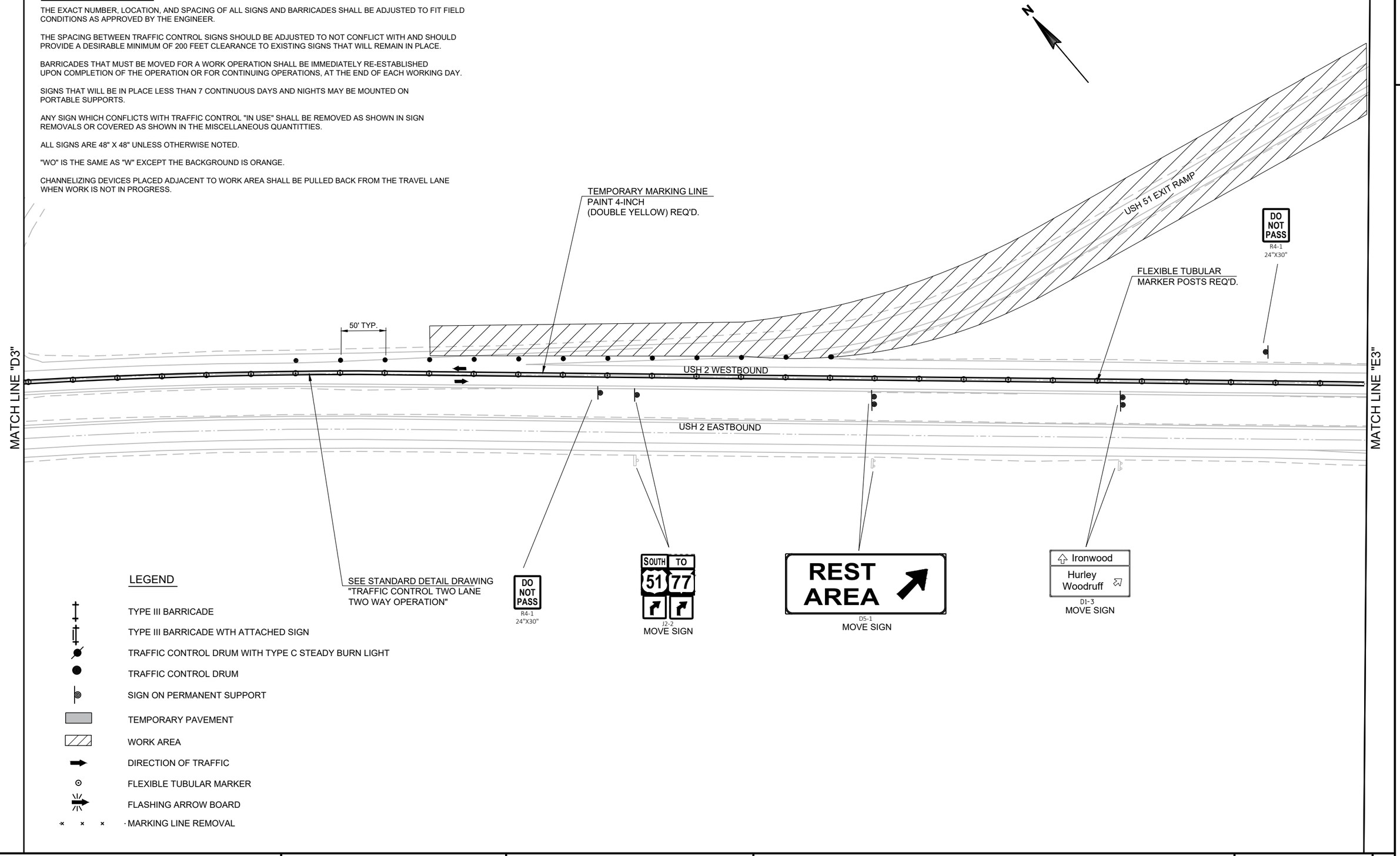
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PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	TRAFFIC CONTROL-STAGE 3	SHEET E

PRE_127

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\025019-TC.DWG
LAYOUT NAME - 025019-tc

PLOT DATE : 8/31/2020 10:36 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

MATCH LINE "E3"

MATCH LINE "F3"

R11-2R
48" X 30"
RAMP CLOSED
TYPE III BARRICADE

MOVE SIGN
SOUTH TO 51 77
J3-2
48"X57"

MOVE SIGN FROM STAGE 2
WEST EAST 2 2
J2-2
48"X57"

TEMPORARY MARKING LINE
STOPLINE 18-INCH PAINT REQ'D.

SOUTH TO WEST 51 77 2
J2-3
72"X57"

STOP
R1-1
30"X30"

MOVE SIGN FROM STAGE 2

MAX. 14' WIDTH
W12-52
48"X48"

SEE STANDARD DETAIL DRAWING
"TRAFFIC CONTROL TWO LANE
TWO WAY OPERATION"

TEMPORARY MARKING LINE
REMOVABLE TAPE 4-INCH
(DOUBLE YELLOW) REQ'D.

FLEXIBLE TUBULAR
MARKER POSTS REQ'D.

TEMPORARY MARKING LINE
REMOVABLE TAPE 4-INCH
(WHITE) REQ'D.

TEMPORARY MARKING
ARROW PAINT REQ'D.

TEMPORARY MARKING
DIAGONAL PAINT 12-INCH
(YELLOW) REQ'D.

25' TYP.

50' TYP.

104'TRW'

106'TRW'

108'TRW'

110'TRW'

114'TRW'

116'TRW'

USH 2 WESTBOUND

25' TYP.

USH 2 EASTBOUND

BEGIN RIGHT TURN LANE
R3-20R
24"X36"

MARKING LINE
REMOVAL 4-INCH REQ'D.

TEMPORARY MARKING
ARROW PAINT REQ'D.

TEMPORARY MARKING LINE
PAINT 8-INCH (WHITE) REQ'D.

TEMPORARY MARKING LINE
PAINT 4-INCH REQ'D.

TEMPORARY MARKING
WORD PAINT REQ'D.

END PAINT
BEGIN REMOVABLE TAPE
TEMPORARY MARKING LINE
PAINT 4-INCH (WHITE) REQ'D.

STOP
R1-1
30"X30"

TEMPORARY MARKING LINE
PAINT 4-INCH (WHITE) REQ'D.

MARKING REMOVAL LINE
WIDE REQ'D. (STOP LINE)

TEMPORARY MARKING LINE
PAINT 8-INCH (WHITE) REQ'D.

TEMPORARY MARKING LINE
REMOVABLE TAPE 4-INCH
(WHITE) REQ'D.

25' TYP.

EAST 2
M1-4
24"X24"

MAX. 14' WIDTH
W12-52
48"X48"

WO1-2R

25 M.P.H.
W13-1
18"X18"

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PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	TRAFFIC CONTROL-STAGE 3	SHEET E

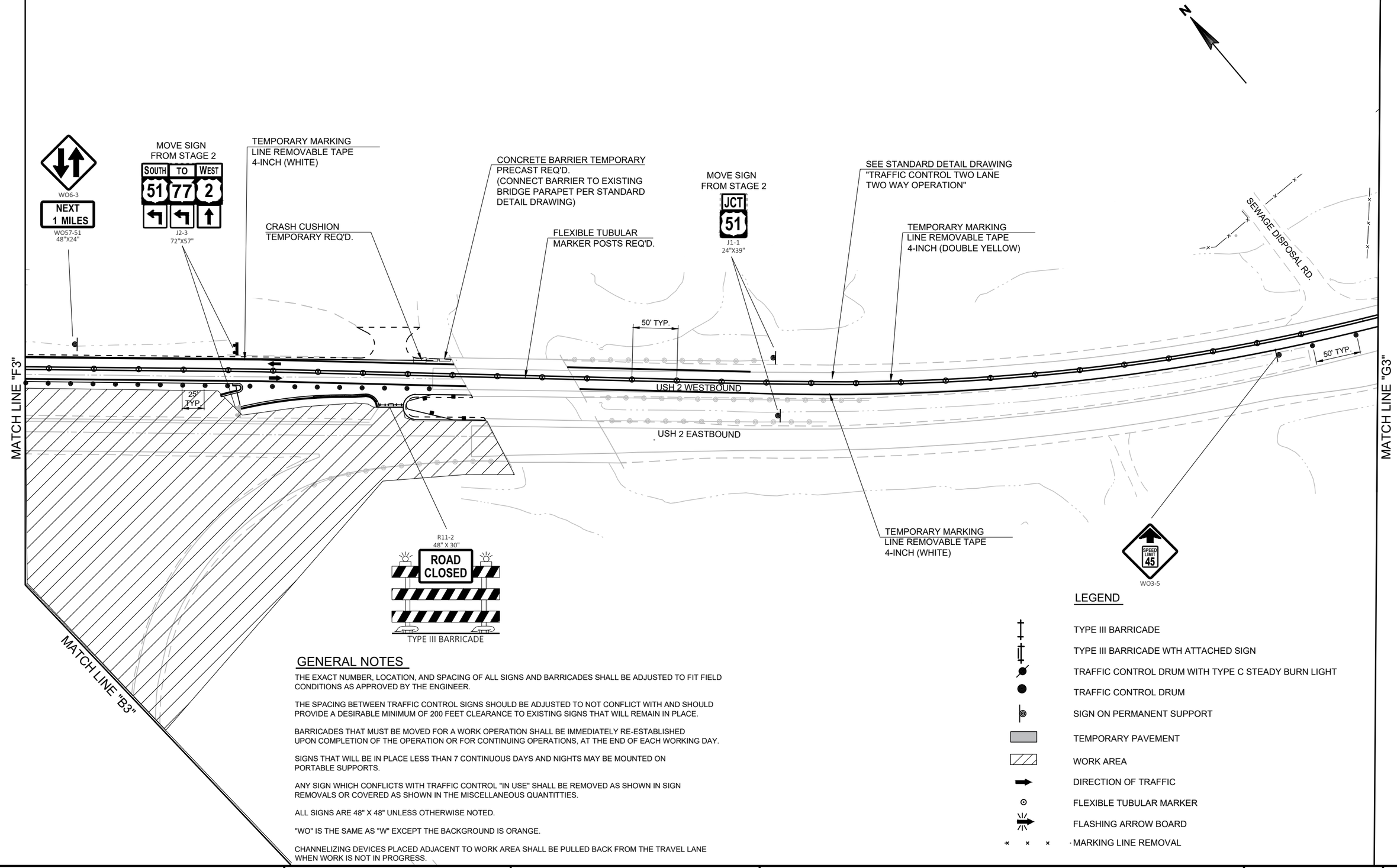
PRE_128

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\025020-TC.DWG
LAYOUT NAME - 025020-tc

PLOT DATE : 8/31/2020 10:36 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2



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PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	TRAFFIC CONTROL-STAGE 3	SHEET E

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\025021-TC.DWG
LAYOUT NAME - 025021-tc

PLOT DATE : 8/31/2020 10:36 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

MATCH LINE "G3"

MATCH LINE "H3"

N

ROAD WORK AHEAD
W20-1A

FAIRGROUNDS RD.

TOURIST PARK RD.

USH 2 WESTBOUND

USH 2 EASTBOUND

50' TYP.

50' TYP.

50' TYP.

540' TAPER

COVER
W6-2

WO1-6
48" X 24"
TYPE III BARRICADE

TEMPORARY MARKING
LINE REMOVABLE TAPE
4-INCH (WHITE) REQ'D.

FLEXIBLE TUBULAR
MARKER POSTS REQ'D.

TEMPORARY MARKING
LINE REMOVABLE TAPE
4-INCH (DOUBLE YELLOW) REQ'D.

TEMPORARY MARKING
LINE REMOVABLE TAPE
4-INCH (SINGLE YELLOW
ALONG TAPER) REQ'D.

R11-2
48" X 30"
ROAD CLOSED
TYPE III BARRICADE

SPEED LIMIT 45
R2-1
24"X30"

W6-1
36"X36"

R11-2
48" X 30"
ROAD CLOSED
TYPE III BARRICADE

BARREL SPACING 10'
TYPICAL AT DRIVEWAY LOCATIONS

TEMPORARY MARKING
LINE REMOVABLE MASKOUT
TAPE 6-INCH REQ'D.

TEMPORARY MARKING
LINE REMOVABLE TAPE
4-INCH (WHITE)

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PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	TRAFFIC CONTROL-STAGE 3	SHEET E

PRE_130

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\025022-TC.DWG
LAYOUT NAME - 025022-tc

PLOT DATE : 8/31/2020 10:36 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

N

ROAD WORK AHEAD
W20-1A

SUPERIOR ST.

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

TEMPORARY MARKING LINE
REMOVABLE TAPE 4-INCH
(YELLOW) REQ'D.

300' PARALLEL

50'
TYP.

TEMPORARY MARKING LINE
REMOVABLE TAPE 4-INCH
(SINGLE YELLOW ALONG
TAPER) REQ'D.

540' TAPER

TEMPORARY MARKING
LINE REMOVABLE MASKOUT
TAPE 6-INCH REQ'D.

WALNUT ST.

SIGNING PER STANDARD DETAIL DRAWING
"TRAFFIC CONTROL SINGLE LEFT LANE CLOSURE
NON-FREEWAY/EXPRESSWAY"

SIGN TO BE PLACED
500 FEET BEFORE ROAD
WORK AHEAD (W20-1A) SIGN

MAX.
12'
WIDTH
W12-52

MATCH LINE "H3"

USH 2 WESTBOUND
USH 2 EASTBOUND

MATCH LINE "I3"

TEMPORARY MARKING
LINE REMOVABLE MASKOUT
TAPE 4-INCH REQ'D.

TEMPORARY MARKING
LINE REMOVABLE MASKOUT
TAPE 6-INCH REQ'D.

END
ROAD WORK
G20-2A
48"X24"

BROADWAY ST.

ROAD WORK AHEAD
W20-1A

GENERAL NOTES

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

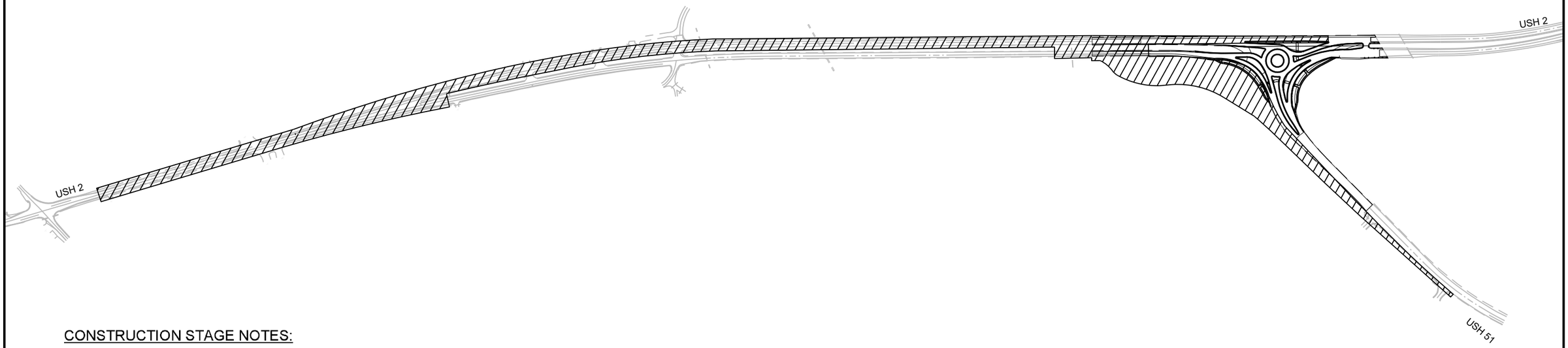
LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL DRUM
- SIGN ON PERMANENT SUPPORT
- TEMPORARY PAVEMENT
- WORK AREA
- DIRECTION OF TRAFFIC
- FLEXIBLE TUBULAR MARKER
- FLASHING ARROW BOARD
- MARKING LINE REMOVAL

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	TRAFFIC CONTROL-STAGE 3	SHEET E

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\025023-TC.DWG
LAYOUT NAME - 025023-tc
PLOT DATE : 8/31/2020 10:36 AM
PLOT BY : GARNICA, BRANDON
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

2



CONSTRUCTION STAGE NOTES:

STAGE WORK
- CONSTRUCT REMAINING USH 51
- REMOVE TEMPORARY USH 51
- COMPLETE MILLING AND PAVING ON USH 2
- REMOVE SHOULDER PAVEMENT ON WB USH 2
- REPLACE REMOVED PAVEMENT MARKINGS FOR TEMPORARY CROSSOVERS

TRAFFIC IMPACTS
- SHOULDER CLOSURES AND FLAGGING EB AND WB USH 2
- SHOUDLER CLOSURES AND FLAGGING NB AND SB USH 51

LEGEND
WORK AREA

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	STAGE CONSTRUCTION-STAGE 4	SHEET E

FILE NAME : V:\TRANS-GB\450466 USH 51 & USH 2\C3D\SHEETSPLAN\026001-S4.DWG
LAYOUT NAME - 026001-s4
PLOT DATE : 8/31/2020 10:38 AM
PLOT BY : GARNICA, BRANDON
PLOT NAME :
PLOT SCALE : 1 IN:500 FT
WISDOT/CADDS SHEET 42

2

GENERAL NOTES

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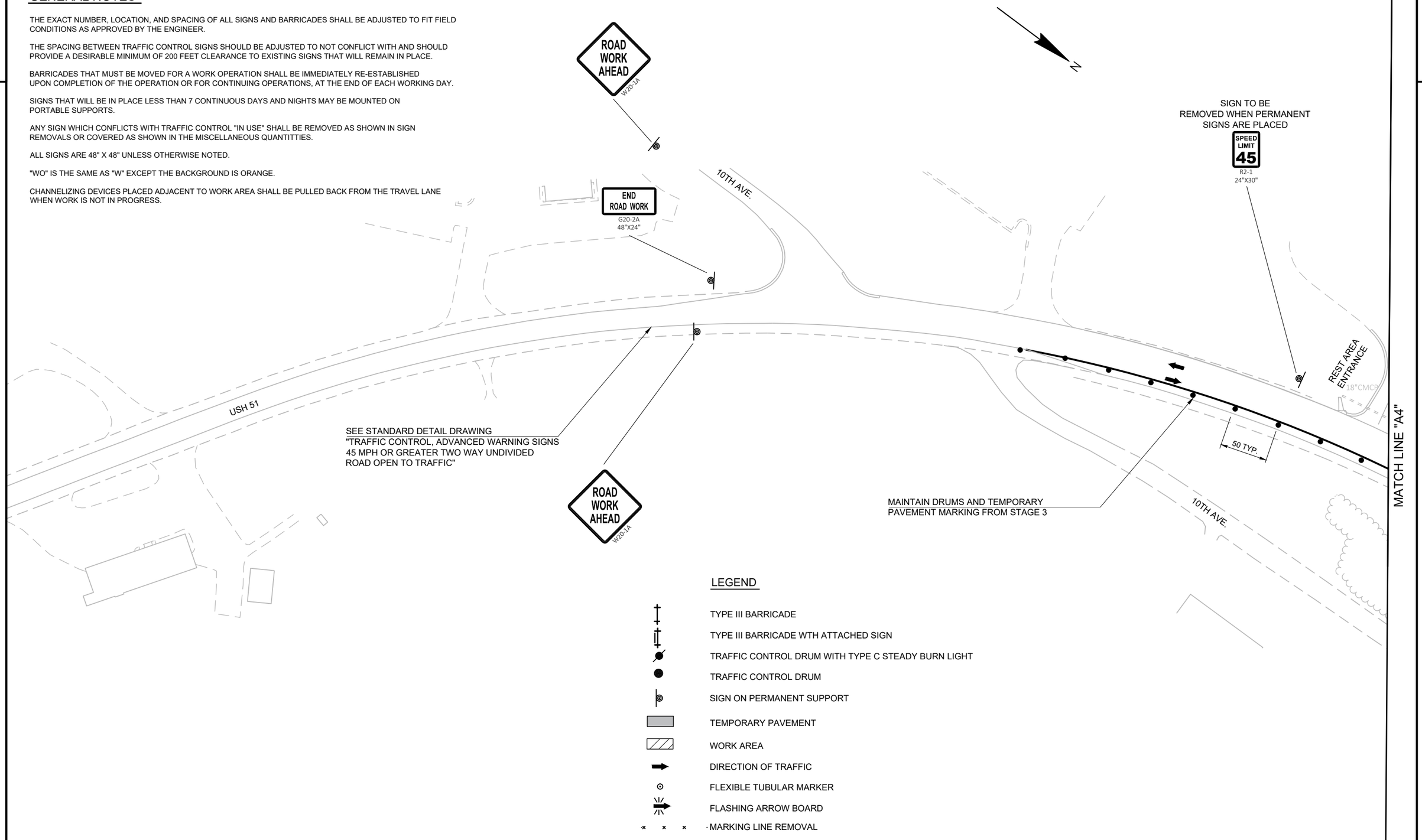
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- FLEXIBLE TUBULAR MARKER
- FLASHING ARROW BOARD
- MARKING LINE REMOVAL

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	TRAFFIC CONTROL-STAGE 4	SHEET E

PRE_133

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\025024-TC.DWG
LAYOUT NAME - 025024-tc
PLOT DATE : 8/31/2020 10:37 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

GENERAL NOTES

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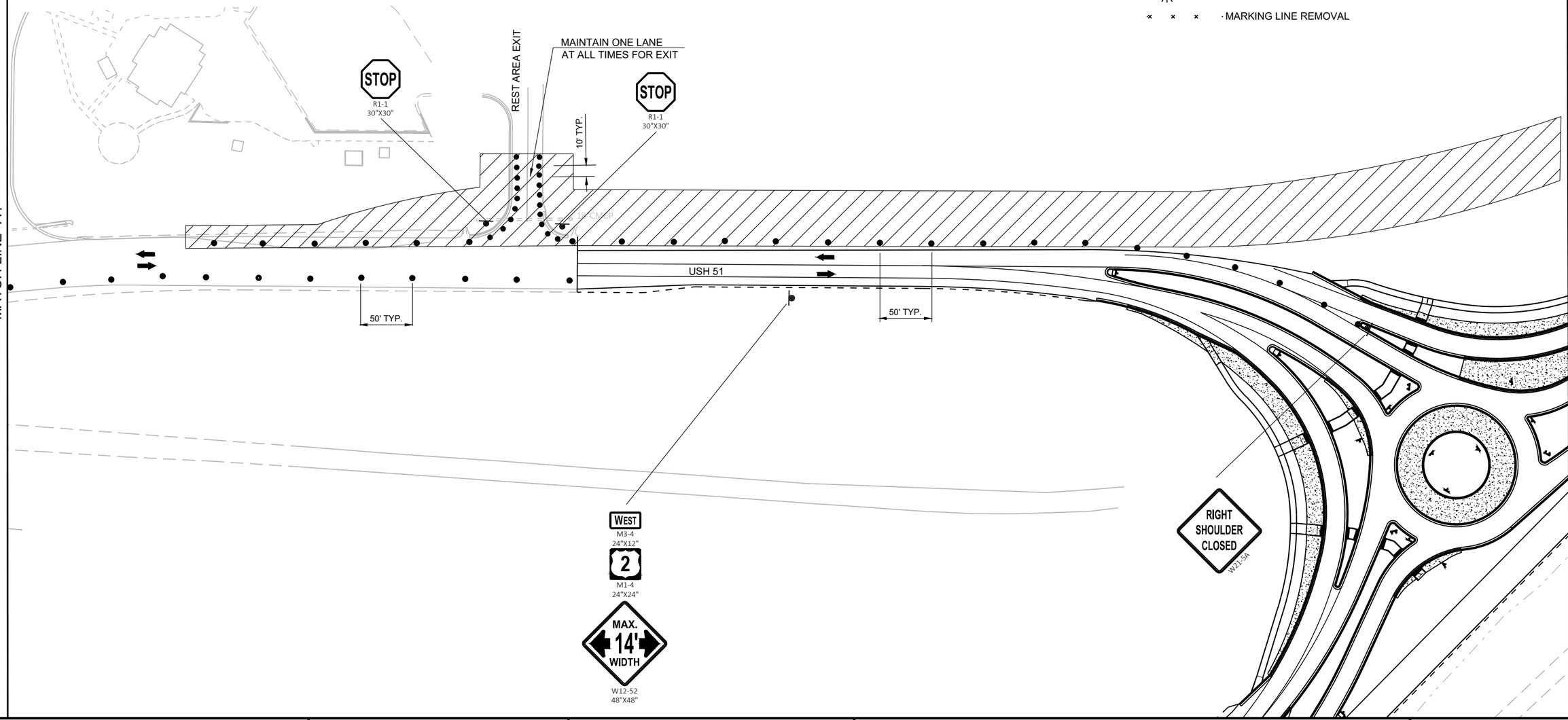
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N

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PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	TRAFFIC CONTROL-STAGE 4	SHEET E

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\025025-TC.DWG
LAYOUT NAME - 025025-tc

PLOT DATE : 8/31/2020 10:37 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:100 FT

PRE_134

WISDOT/CADDS SHEET 42

2

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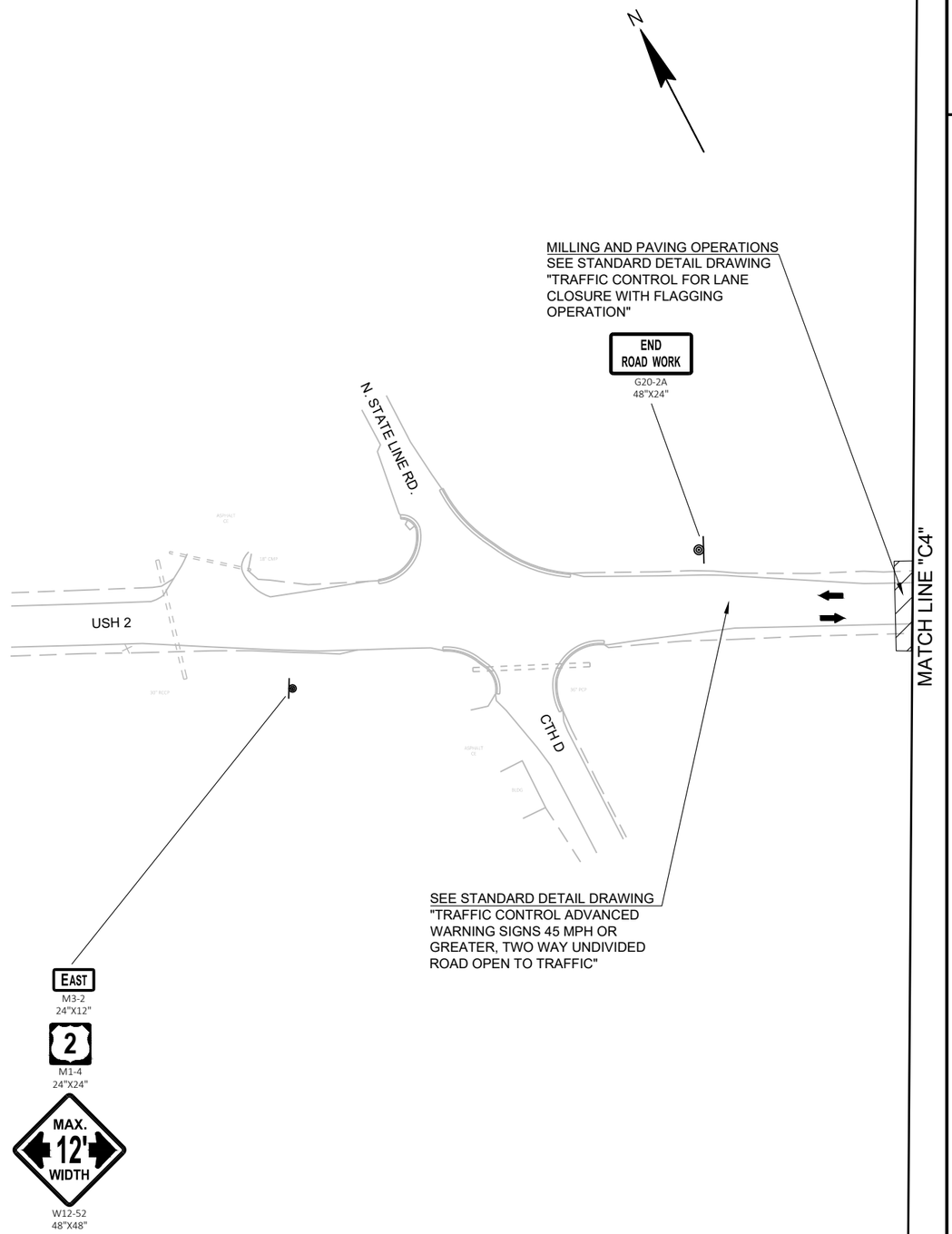
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PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	TRAFFIC CONTROL-STAGE 4	SHEET E

2

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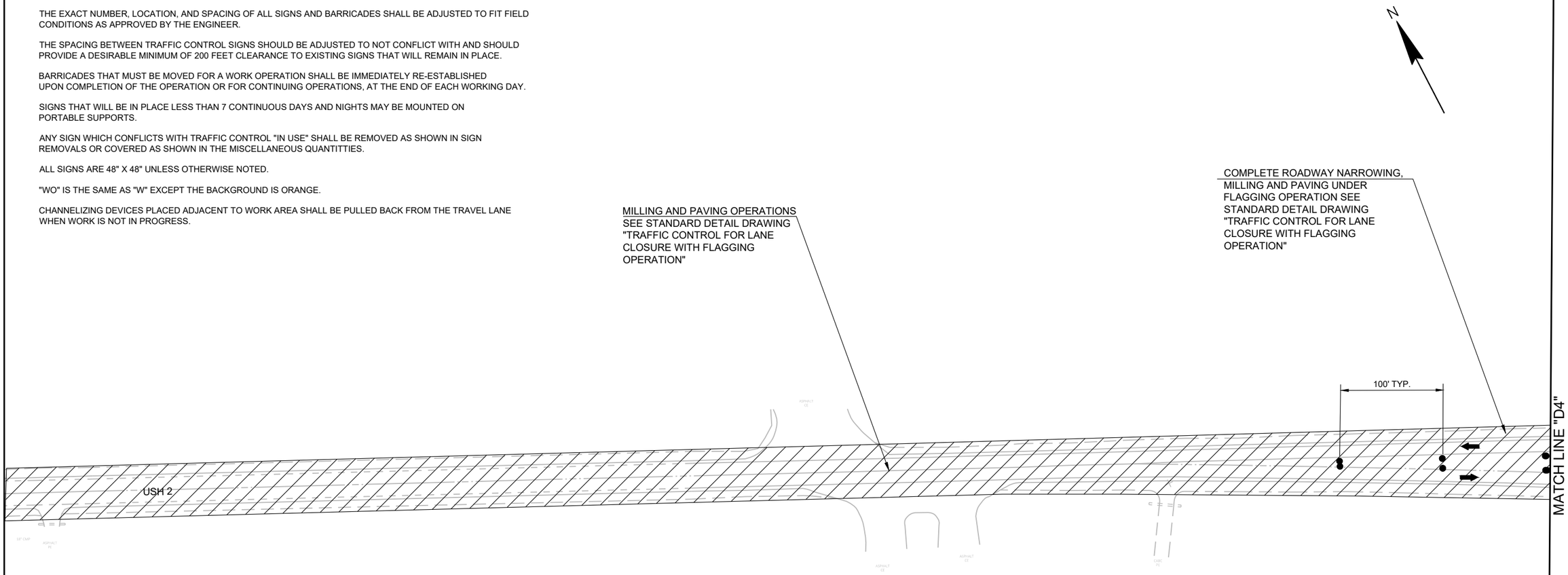
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PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	TRAFFIC CONTROL-STAGE 4	SHEET E

PRE_136

2

2

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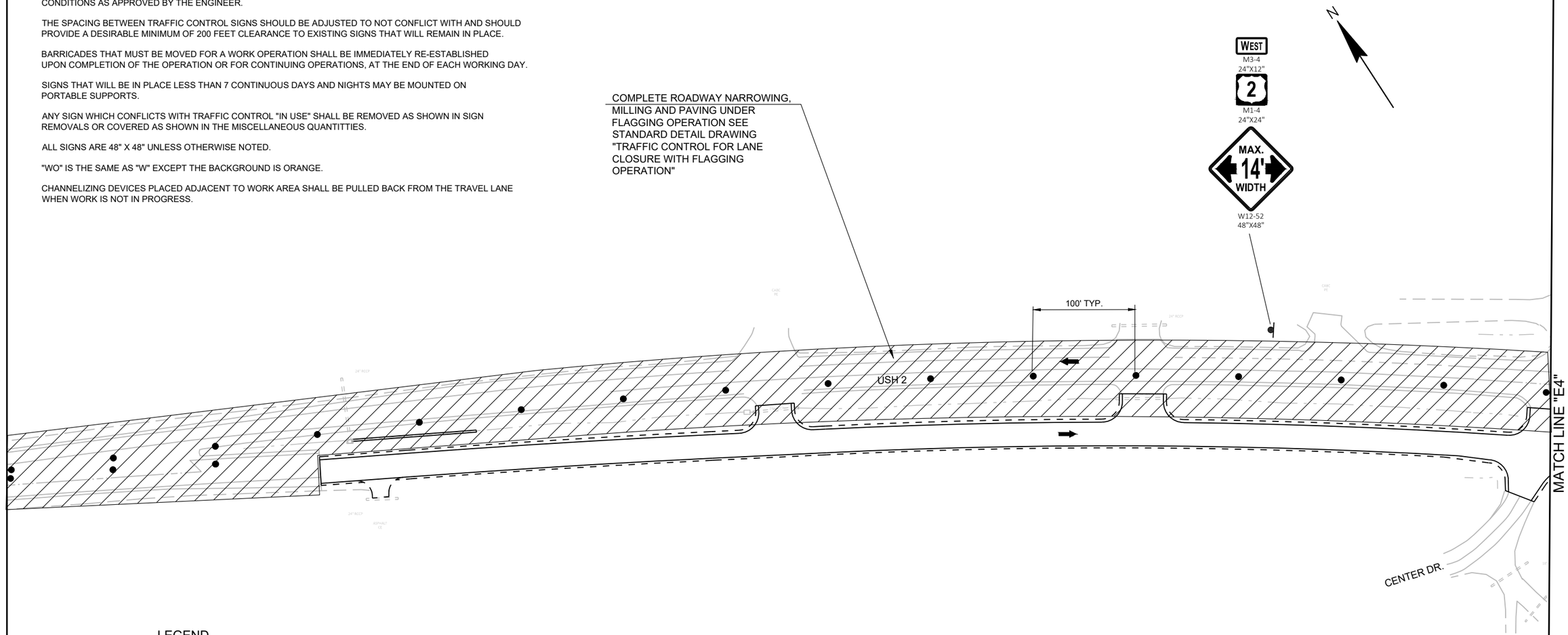
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PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	TRAFFIC CONTROL-STAGE 4	SHEET E

PRE_137

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\025028-TC.DWG
LAYOUT NAME - 025028-tc

PLOT DATE : 8/31/2020 10:37 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : Custom

WISDOT/CADDS SHEET 42

2

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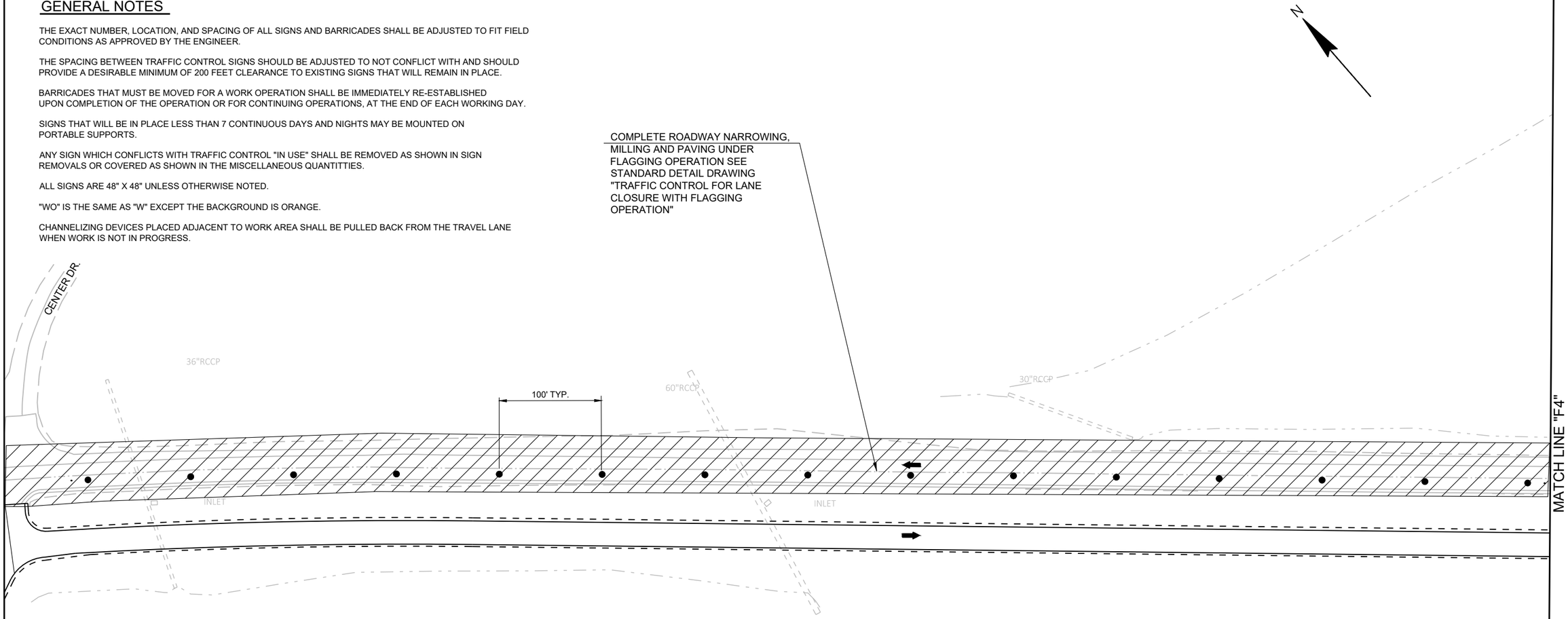
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PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	TRAFFIC CONTROL-STAGE 4	SHEET E

2

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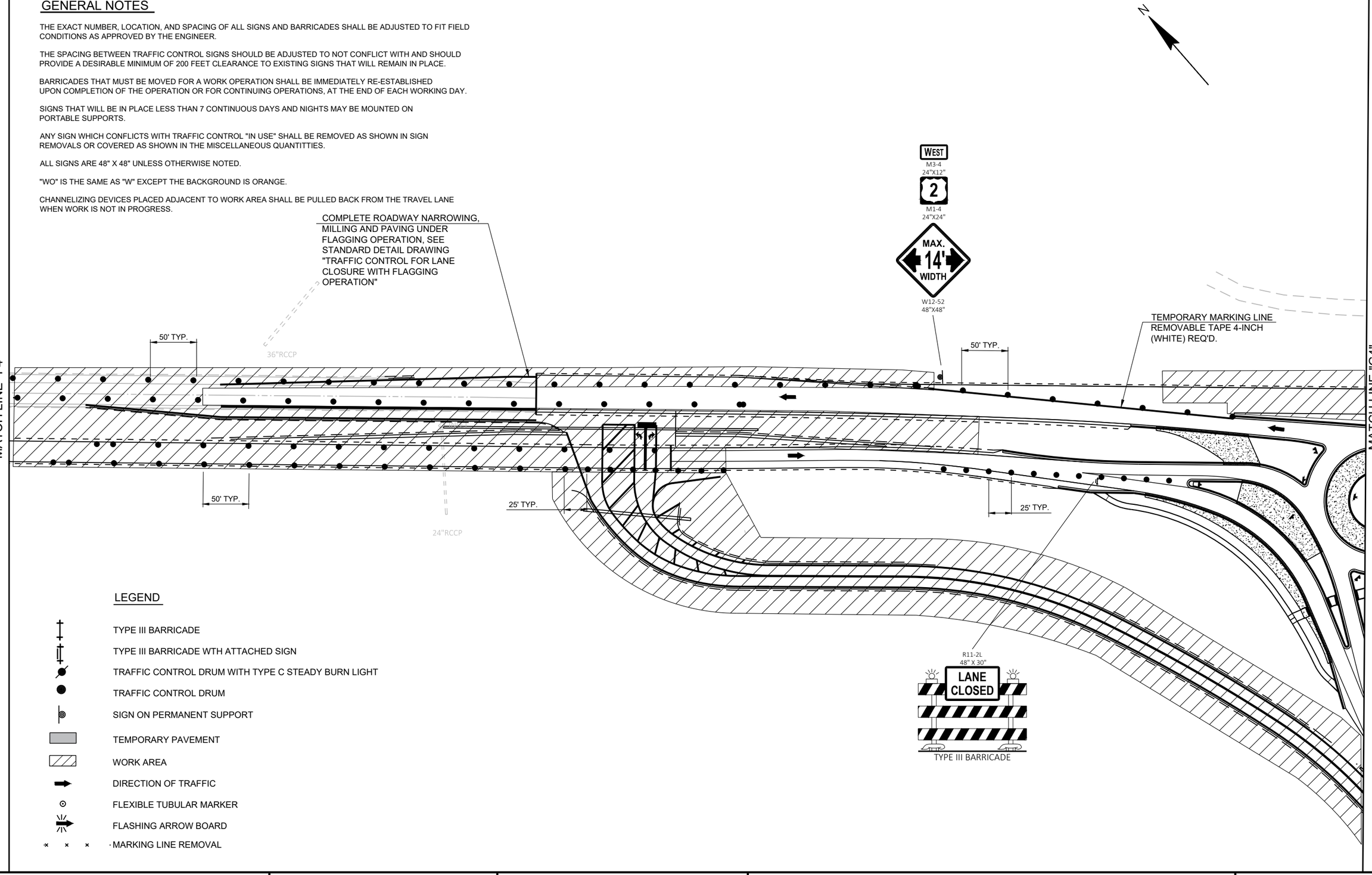
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PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	TRAFFIC CONTROL-STAGE 4	SHEET E

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\025030-TC.DWG
LAYOUT NAME - 025030-tc
PLOT DATE : 8/31/2020 10:38 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : Custom
WISDOT/CADDS SHEET 42

2

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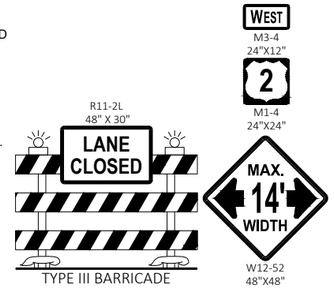
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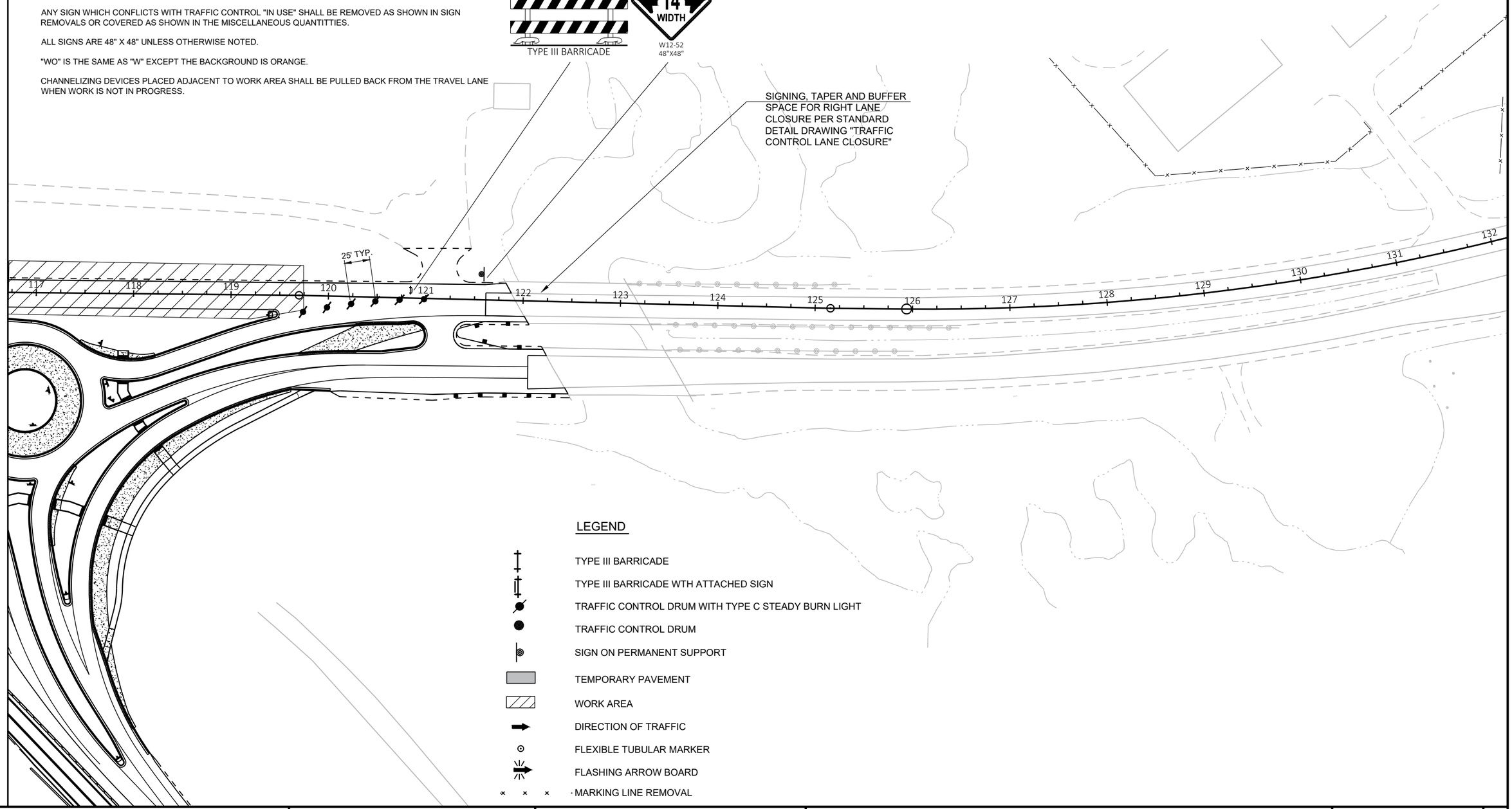
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SIGNING, TAPER AND BUFFER SPACE FOR RIGHT LANE CLOSURE PER STANDARD DETAIL DRAWING "TRAFFIC CONTROL LANE CLOSURE"



LEGEND

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PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	TRAFFIC CONTROL-STAGE 4	SHEET E

2

LEGEND

TEMPORARY PAVEMENT

XXXX XXXX SAW CUT

N

REMOVE CONCRETE CURB AND GUTTER

ASPHALTIC CURB 6-INCH REQ'D. STA. 9+67-STA. 17+35 LEFT

ASPHALTIC FLUME REQUIRED

XCEL ENERGY

CENTURY LINK

CP#1

BEGIN TEMPORARY PAVEMENT STAGE 1-STA. 9+15TRN

40' R

30' R

REMOVE CONCRETE CURB AND GUTTER

REMOVE CULVERT PIPE

ASPHALTIC CURB 6-INCH REQ'D. STA. 9+67-STA. 17+35 LEFT

SLOPE INTERCEPTS

CENTURY LINK

CP#2

8TRN

9TRN

10TRN

11TRN

18"CMCP

12TRN

13TRN

14TRN

USH 51

SALVAGE LIGHT POLE REMOVE CONCRETE BASE

REMOVE ASPHALTIC FLUME

REMOVE ASPHALTIC FLUME

101'

INLETS 3-FT DIAMETER WITH INLET COVERS TYPE B REQUIRED STA. 11+80TRN-20' RT.

CULVERT PIPE TEMPORARY 18-INCH REQUIRED

MATCH LINE STA. 15+00TRN

2

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	STAGE CONSTRUCTION-TEMPORARY PAVEMENT-STAGE 1	SHEET E

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\026002-S1.DWG
LAYOUT NAME - 026002-s1

PLOT DATE : 8/31/2020 10:38 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:50 FT

PRE_141

WISDOT/CADDS SHEET 42

2

LEGEND

TEMPORARY PAVEMENT

XXXX XXXX SAW CUT

N

INLETS 3-FT DIAMETER
WITH INLET COVERS
TYPE B REQUIRED
STA. 15+50TRN-17' LT.

ASPHALTIC CURB
6-INCH REQ'D.
STA. 9+67-STA. 17+35 LEFT

CULVERT PIPE TEMPORARY
18-INCH REQUIRED

END TEMPORARY PAVEMENT
STA. 19+13TRN

ASPHALTIC FLUME
REQUIRED

BEGIN TEMPORARY PAVEMENT
STA. 21+45TRN

SLOPE
INTERCEPTS

SLOPE
INTERCEPTS

XCEL ENERGY

CENTURY LINK

16TRN

17TRN

18TRN

19TRN

20TRN

21TRN

22TRN

23TRN

17'

12'

14'

14'

2

2

USH 51

NGS MONUMENT
HURLEY GPS

XCEL ENERGY

XCEL ENERGY

CENTURY LINK

USH 2

MATCH LINE STA. 15+00TRN

MATCH LINE STA. 23+00TRN

2

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	STAGE CONSTRUCTION-TEMPORARY PAVEMENT-STAGE 1	SHEET E

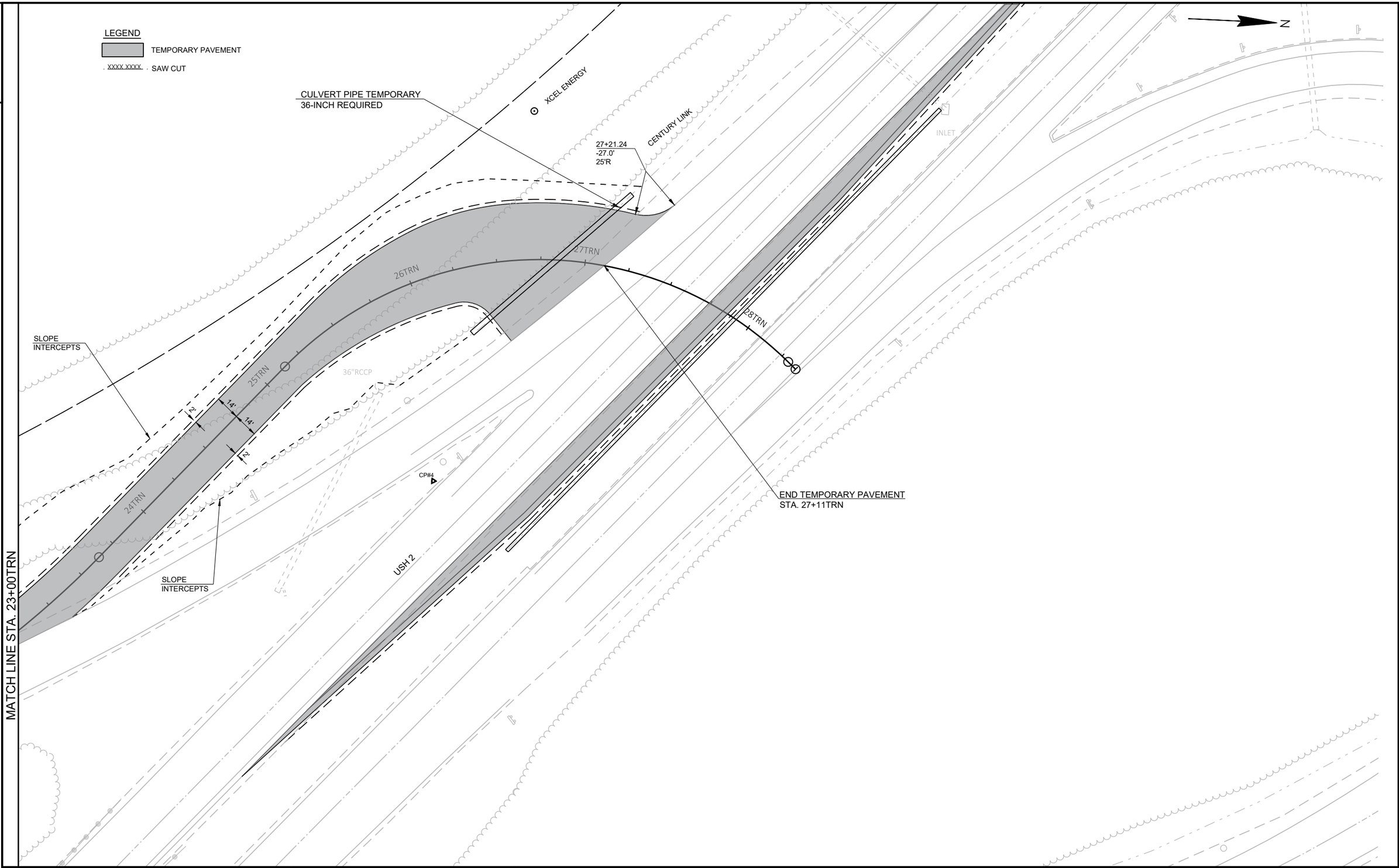
PRE_142

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\026003-S1.DWG
LAYOUT NAME - 026003-s1

PLOT DATE : 8/31/2020 10:39 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 42

2



PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	STAGE CONSTRUCTION-TEMPORARY PAVEMENT-STAGE 1	SHEET E

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\026004-S1.DWG
LAYOUT NAME - 026004-s1

PLOT DATE : 8/31/2020 10:39 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

2

LEGEND

TEMPORARY PAVEMENT

XXXX XXXX SAW CUT

N

BEGIN TEMPORARY
PAVEMENT-STAGE 1
STA. 220+92EB

CULVERT PIPE TEMPORARY
24-INCH REQUIRED

INSTALL PIPE INTO
EXISTING INLET

COVER PLATES
TEMPORARY REQ'D.

SLOPE
INTERCEPTS

TEMPORARY CULVERT
PIPE REQ'D.

SLOPE
INTERCEPTS

BEGIN TEMPORARY
PAVEMENT-STAGE 1
STA. 213+11EB

PRC: 219+54.08EB

PC: 217+05.72EB

CP#4

USH 2

CENTURY LINK

XCEL ENERGY

36"RCCP

24"RCCP

INLET

213EB 214EB 215EB 216EB 217EB 218EB 219EB 220EB 221EB

21NB 24NB 25NB 26NB 28NB

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	STAGE CONSTRUCTION-TEMPORARY PAVEMENT-STAGE 1	SHEET E

PRE_144

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\026005-S1.DWG
LAYOUT NAME - 026005-s1

PLOT DATE : 8/31/2020 10:39 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

TEMPORARY PAVEMENT

SAW CUT

N

INSTALL PIPE INTO
EXISTING INLET

COVER PLATES
TEMPORARY REQ'D.

BEGIN TEMPORARY
PAVEMENT-STAGE 1
STA. 182+28WB

END TEMPORARY
PAVEMENT-STAGE 1
STA. 186+58WB

PC: 183+87.88WB

181WB 182WB 183WB 184WB 185WB 186WB 187WB 188

181EB USH 2 182EB 183EB 184EB 185EB 186EB 187EB 188EB

24" RCCP

24" RCCP

ASPHALT
CE

PC: 184+44.22EB

CULVERT PIPE TEMPORARY
24-INCH REQUIRED

SLOPE
INTERCEPT

PT: 187+40.26EB

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	STAGE CONSTRUCTION-TEMPORARY PAVEMENT-STAGE 1	SHEET E

PRE_145

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\026006-S1.DWG
LAYOUT NAME - 026006-s1

PLOT DATE : 8/31/2020 10:39 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

TEMPORARY PAVEMENT

SAW CUT

MERIT NETWORK

FO

36"RCCP

BP: 100+00.00TRW

101TRW

102TRW

103TRW

104TRW

105TRW

106T

MATCH LINE STA. 106+00TRW

11'

USH 2

BEGIN TEMPORARY
PAVEMENT-STAGE 2
STA. 102+59'TRW'

CENTURY LINK

XCEL ENERGY

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	STAGE CONSTRUCTION-TEMPORARY PAVEMENT-STAGE 2	SHEET E

PRE_146

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\026002-S2.DWG
LAYOUT NAME - 026002-s2

PLOT DATE : 8/31/2020 10:39 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

TEMPORARY PAVEMENT

XXXX XXXX SAW CUT

N

MERIT NETWORK

MATCH LINE STA. 106+00TRW

PI 109+78.76TRW

107TRW

USH 2 WESTBOUND

108TRW

109TRW

110TRW

111TRW

112TRW

113TRW

12'

22'

12'

END TEMPORARY
PAVEMENT-STAGE 2
STA. 109+10'TRW'

USH 2 EASTBOUND

CP#4

CENTURY LINK

24"RCCP

TEMPORARY CULVERT
PIPE-STAGE 1
(TO REMAIN)

36"RCCP

XCEL ENERGY

SLOPE
INTERCEPTS
STAGE 1

SLOPE
INTERCEPTS
STAGE 1

2'

2'

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	STAGE CONSTRUCTION-TEMPORARY PAVEMENT-STAGE 2	SHEET E

PRE_147

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\026003-S2.DWG
LAYOUT NAME - 026003-s2

PLOT DATE : 8/31/2020 10:39 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

2

LEGEND

TEMPORARY PAVEMENT

XXXX XXXX SAW CUT

N

MATCH LINE STA. 113+00TRW

INSTALL ONLY LOWER LAYERS OF HMA PAVEMENT

COVER PLATES TEMPORARY REQ'D.

PI: 115+21.08TRW

COVER PLATES TEMPORARY REQ'D.

PI: 119+69.77TRW

TRW 114TRW 115TRW 116TRW 117TRW 118TRW 119TRW 120TRW

USH 2 WESTBOUND

15'

DO NOT INSTALL CURB AND PAVE TO WIDTH SHOWN

USH 2

ANTICIPATED CURB AND PAVING LIMITS

COVER PLATES TEMPORARY REQ'D.

ANTICIPATED CURB AND PAVING LIMITS

USH 2 EASTBOUND

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	STAGE CONSTRUCTION-TEMPORARY PAVEMENT-STAGE 2	SHEET E

PRE_148

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\026004-S2.DWG
LAYOUT NAME - 026004-s2

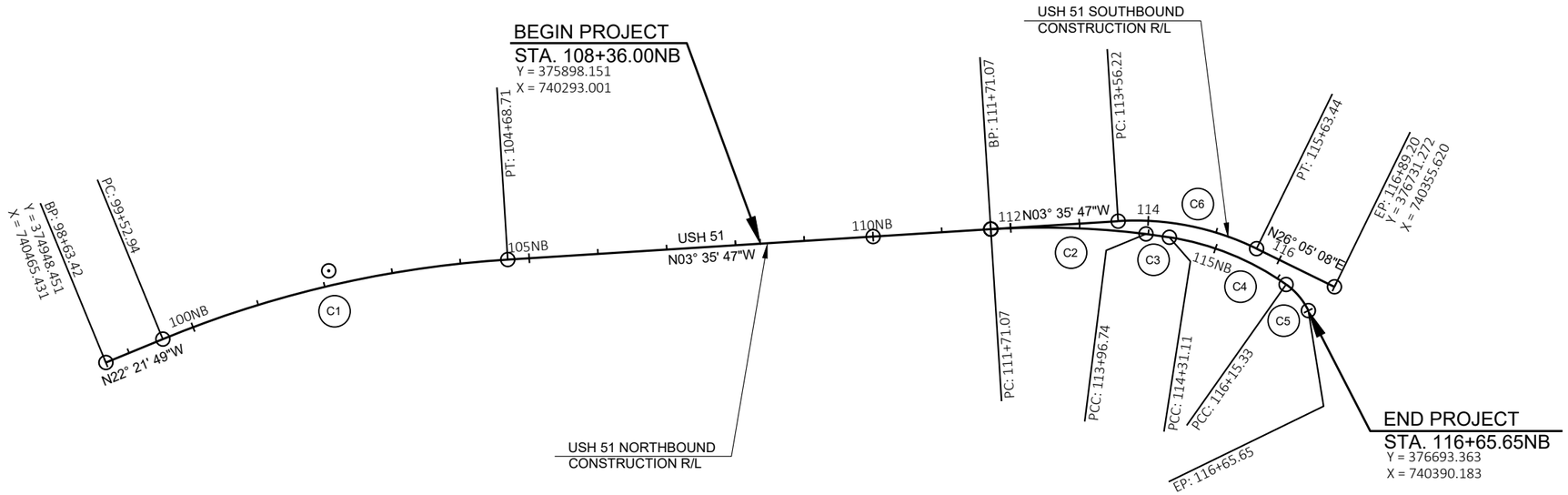
PLOT DATE : 8/31/2020 10:40 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

USH 51 SOUTHBOUND CONSTRUCTION R/L

C6

PI STA = 114+62.21SB
Y = 376523.133
X = 740253.719
DELTA = 29°40'55"
D = 14°19'26"
T = 105.99'
L = 207.22'
R = 400.00'
PC STA = 113+56.22SB
Y = 376417.351
X = 740260.368
PT STA = 115+63.44SB
Y = 376618.328
X = 740300.325
BK = N03°35'47"W
AH = N26°05'08"E



USH 51 NORTHBOUND CONSTRUCTION R/L

C1

PI STA = 102+13.16NB
Y = 375271.881
X = 740332.363
DELTA = 18°46'02"
D = 3°38'19"
T = 260.22'
L = 515.78'
R = 1574.65'
PC STA = 99+52.94NB
Y = 375031.234
X = 740431.372
PT STA = 104+68.71NB
Y = 375531.588
X = 740316.040
BK = N22°21'49"W
AH = N03°35'47"W

C2

PI STA = 112+84.24NB
Y = 376345.506
X = 740264.883
DELTA = 10°46'29"
D = 4°46'29"
T = 113.17'
L = 225.67'
R = 1200.00'
PC STA = 111+71.07NB
Y = 376232.562
X = 740271.982
PT STA = 113+96.74NB
Y = 376457.787
X = 740279.024
BK = N03°35'47"W
AH = N07°10'42"E

C3

PI STA = 114+13.93NB
Y = 376474.840
X = 740281.172
DELTA = 1°38'28"
D = 4°46'29"
T = 17.19'
L = 34.37'
R = 1200.00'
PC STA = 113+96.74NB
Y = 376457.787
X = 740279.024
PT STA = 114+31.11NB
Y = 376491.824
X = 740283.808
BK = N07°10'42"E
AH = N08°49'10"E

C4

PI STA = 115+24.88NB
Y = 376584.486
X = 740298.185
DELTA = 26°23'12"
D = 14°19'26"
T = 93.77'
L = 184.21'
R = 400.00'
PC STA = 114+31.11NB
Y = 376491.824
X = 740283.808
PT STA = 116+15.33NB
Y = 376661.103
X = 740352.245
BK = N08°49'10"E
AH = N35°12'22"E

C5

PI STA = 116+41.03NB
Y = 376682.110
X = 740367.067
DELTA = 28°50'11"
D = 57°17'45"
T = 25.71'
L = 50.33'
R = 100.00'
PC STA = 116+15.33NB
Y = 376661.103
X = 740352.245
PT STA = 116+65.65NB
Y = 376693.363
X = 740390.183
BK = N35°12'22"E
AH = N64°02'34"E

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	ALIGNMENT DIAGRAM	SHEET PRE_149 E

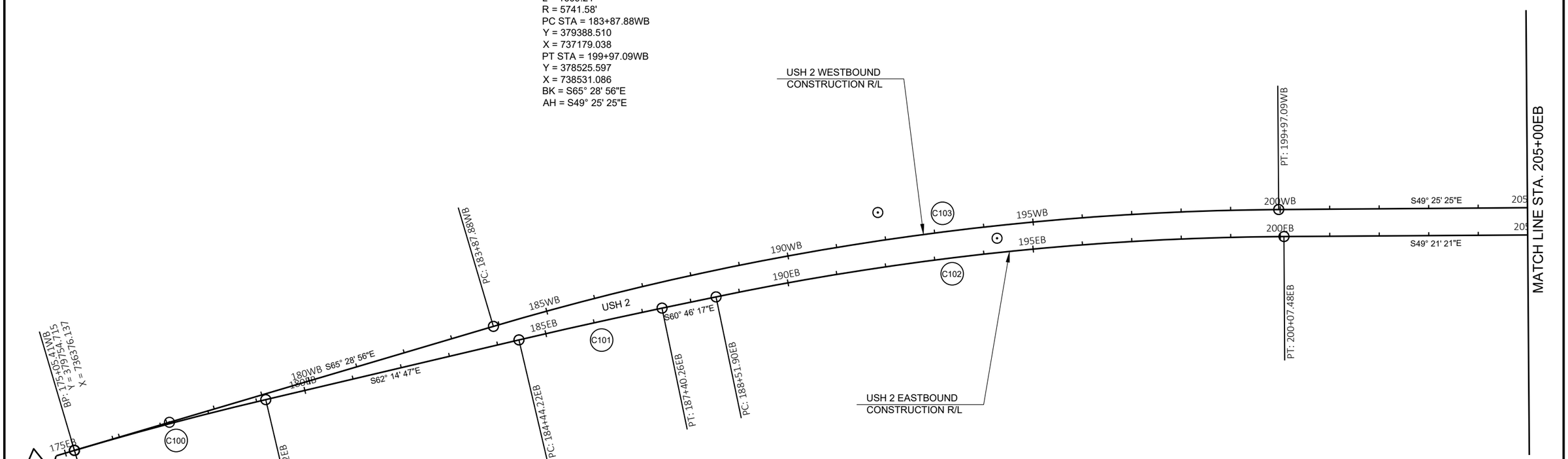
2

N

USH 2 WESTBOUND CONSTRUCTION R/L WB

C103

PI STA = 191+97.79WB
Y = 379052.414
X = 737915.924
DELTA = 16°03'31"
D = 0°59'52"
T = 809.91'
L = 1609.21'
R = 5741.58'
PC STA = 183+87.88WB
Y = 379388.510
X = 737179.038
PT STA = 199+97.09WB
Y = 378525.597
X = 738531.086
BK = S65° 28' 56"E
AH = S49° 25' 25"E



CONSTRUCTION LIMITS
STA. 165+47.75EB
Y = 380157.758
X = 735492.470

USH 2 EASTBOUND CONSTRUCTION R/L EB

C100

PI STA = 177+18.96EB
Y = 379671.732
X = 736558.075
DELTA = 3°14'08"
D = 0°48'33"
T = 199.97'
L = 399.83'
R = 7080.00'
PC STA = 175+18.99EB
Y = 379754.715
X = 736376.137
PT STA = 179+18.82EB
Y = 379578.613
X = 736735.039
BK = S65° 28' 56"E
AH = S62° 14' 47"E

C101

PI STA = 185+92.25EB
Y = 379265.018
X = 737330.996
DELTA = 1°28'30"
D = 0°29'54"
T = 148.03'
L = 296.04'
R = 11500.00'
PC STA = 184+44.22EB
Y = 379333.951
X = 737199.995
PT STA = 187+40.26EB
Y = 379192.736
X = 737460.179
BK = S62° 14' 47"E
AH = S60° 46' 17"E

C102

PI STA = 194+31.61EB
Y = 378855.155
X = 738063.503
DELTA = 11°24'56"
D = 0°59'16"
T = 579.71'
L = 1155.59'
R = 5800.00'
PC STA = 188+51.90EB
Y = 379138.225
X = 737557.601
PT STA = 200+07.48EB
Y = 378477.556
X = 738503.372
BK = S60° 46' 17"E
AH = S49° 21' 21"E

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	ALIGNMENT DIAGRAM	SHEET PRE_150 E

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\027202-AD.DWG
LAYOUT NAME - 027202-ad
PLOT DATE : 8/31/2020 10:40 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 42

2

USH 2 WESTBOUND CONSTRUCTION R/L 'WB'

C12

PI STA = 220+43.78WB
Y = 377185.304
X = 740077.648
DELTA = 1°42'08"
D = 0°34'25"
T = 148.39'
L = 296.75'
R = 9988.00'
PC STA = 218+95.39WB
Y = 377281.824
X = 739964.942
PT STA = 221+92.14WB
Y = 377085.478
X = 740187.437
BK = S49°25'25"E
AH = S47°43'17"E

C13

PI STA = 223+03.09WB
Y = 377010.841
X = 740269.524
DELTA = 3°10'39"
D = 1°25'57"
T = 110.95'
L = 221.83'
R = 4000.00'
PC STA = 221+92.14WB
Y = 377085.478
X = 740187.437
PT STA = 224+13.98WB
Y = 376931.768
X = 740347.347
BK = S47°43'17"E
AH = S44°32'38"E

USH 2 WESTBOUND CONSTRUCTION R/L 'WB'

C14

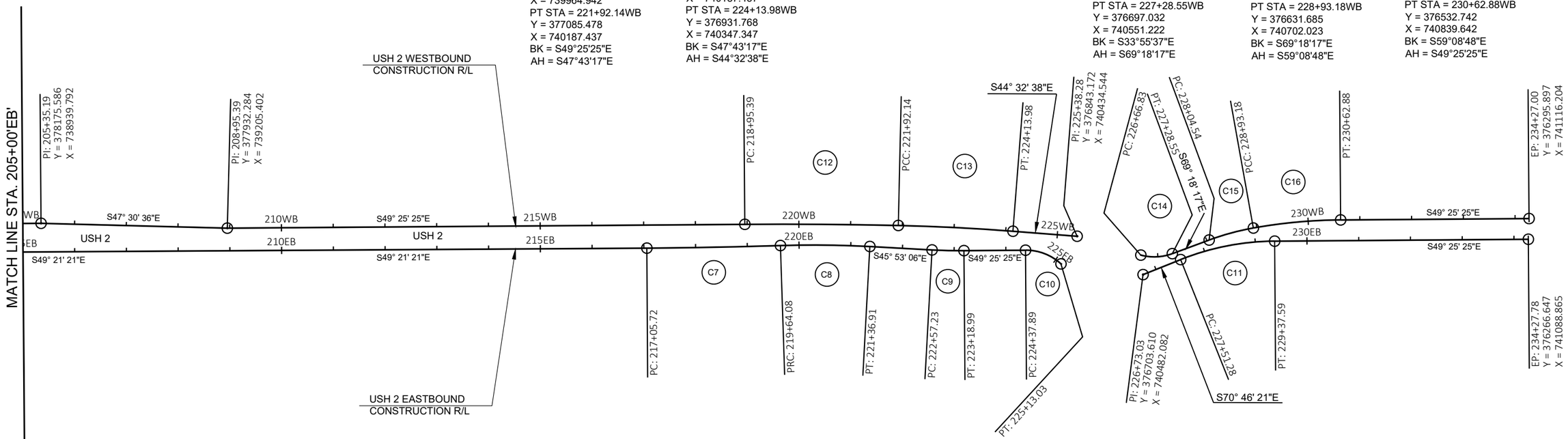
PI STA = 226+98.71WB
Y = 376708.299
X = 740521.398
DELTA = 35°22'39"
D = 57°18'56"
T = 31.88'
L = 61.72'
R = 99.97'
PC STA = 226+66.83WB
Y = 376734.752
X = 740503.604
PT STA = 227+28.55WB
Y = 376697.032
X = 740551.222
BK = S33°55'37"E
AH = S69°18'17"E

C15

PI STA = 228+48.97WB
Y = 376654.475
X = 740663.873
DELTA = 10°09'28"
D = 11°27'33"
T = 44.44'
L = 88.64'
R = 500.00'
PC STA = 228+04.54WB
Y = 376670.179
X = 740622.302
PT STA = 228+93.18WB
Y = 376631.685
X = 740702.023
BK = S69°18'17"E
AH = S59°08'48"E

C16

PI STA = 229+78.23WB
Y = 376588.066
X = 740775.040
DELTA = 9°43'23"
D = 5°43'46"
T = 85.05'
L = 169.70'
R = 1000.00'
PC STA = 228+93.18WB
Y = 376631.685
X = 740702.023
PT STA = 230+62.88WB
Y = 376532.742
X = 740839.642
BK = S59°08'48"E
AH = S49°25'25"E



USH 2 EASTBOUND CONSTRUCTION R/L 'EB'

C7

PI STA = 218+34.91EB
Y = 377287.249
X = 739889.968
DELTA = 1°28'49"
D = 0°34'23"
T = 129.19'
L = 258.37'
R = 10000.00'
PC STA = 217+05.72EB
Y = 377371.398
X = 739791.942
PT STA = 219+64.08EB
Y = 377205.660
X = 739990.135
BK = S49°21'21"E
AH = S50°50'11"E

C8

PI STA = 220+50.55EB
Y = 377151.052
X = 740057.178
DELTA = 4°57'04"
D = 2°51'53"
T = 86.47'
L = 172.83'
R = 2000.00'
PC STA = 219+64.08EB
Y = 377205.660
X = 739990.135
PT STA = 221+36.91EB
Y = 377090.862
X = 740119.257
BK = S50°50'11"E
AH = S45°53'06"E

C9

PI STA = 222+88.12EB
Y = 376985.606
X = 740227.816
DELTA = 3°32'19"
D = 5°43'46"
T = 30.89'
L = 61.76'
R = 1000.00'
PC STA = 222+57.23EB
Y = 377007.108
X = 740205.639
PT STA = 223+18.99EB
Y = 376965.513
X = 740251.278
BK = S45°53'06"E
AH = S49°25'25"E

C10

PI STA = 224+77.33EB
Y = 376862.519
X = 740371.545
DELTA = 43°03'15"
D = 57°17'45"
T = 39.45'
L = 75.14'
R = 100.00'
PC STA = 224+37.89EB
Y = 376888.176
X = 740341.584
PT STA = 225+13.03EB
Y = 376823.316
X = 740375.921
BK = S49°25'25"E
AH = S06°22'10"E

USH 2 EASTBOUND CONSTRUCTION R/L 'EB'

C11

PI STA = 228+45.53EB
Y = 376646.804
X = 740644.957
DELTA = 21°20'56"
D = 11°27'33"
T = 94.25'
L = 186.30'
R = 500.00'
PC STA = 227+51.28EB
Y = 376677.840
X = 740555.969
PT STA = 229+37.59EB
Y = 376585.501
X = 740716.540
BK = S70°46'21"E
AH = S49°25'25"E

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	ALIGNMENT DIAGRAM	SHEET E

PRE_151

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\027203-AD.DWG
LAYOUT NAME - 027203-ad
PLOT DATE : 8/31/2020 10:40 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

RAB NE ISLAND INSIDE EDGE OF PAVEMENT 'WIN'

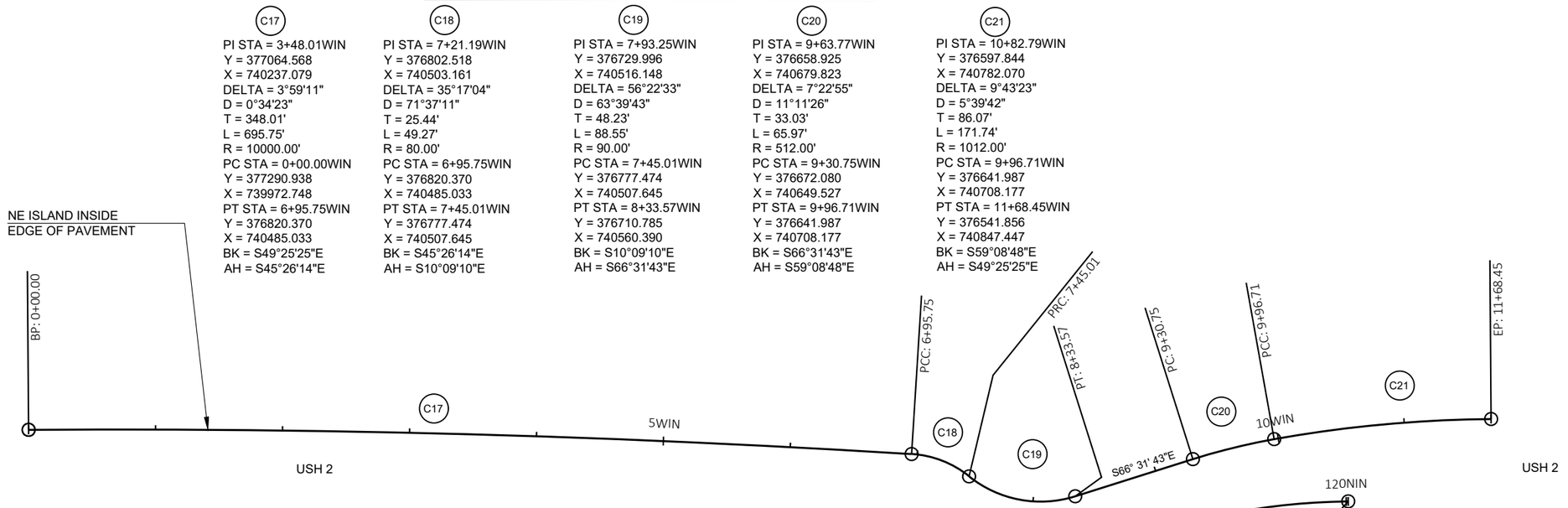
C17
PI STA = 3+48.01WIN
Y = 377064.568
X = 740237.079
DELTA = 3°59'11"
D = 0°34'23"
T = 348.01'
L = 695.75'
R = 10000.00'
PC STA = 0+00.00WIN
Y = 377290.938
X = 739972.748
PT STA = 6+95.75WIN
Y = 376820.370
X = 740485.033
BK = S49°25'25"E
AH = S45°26'14"E

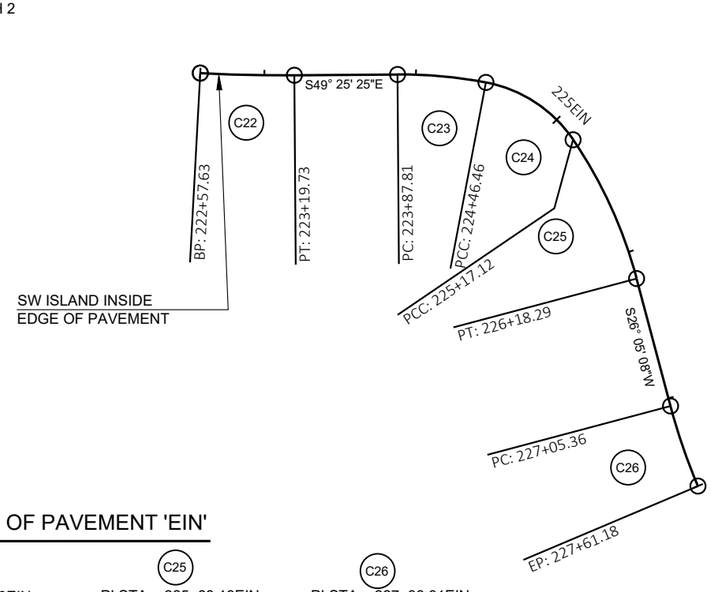
C18
PI STA = 7+21.19WIN
Y = 376802.518
X = 740503.161
DELTA = 35°17'04"
D = 71°37'11"
T = 25.44'
L = 49.27'
R = 80.00'
PC STA = 6+95.75WIN
Y = 376820.370
X = 740485.033
PT STA = 7+45.01WIN
Y = 376777.474
X = 740507.645
BK = S45°26'14"E
AH = S10°09'10"E

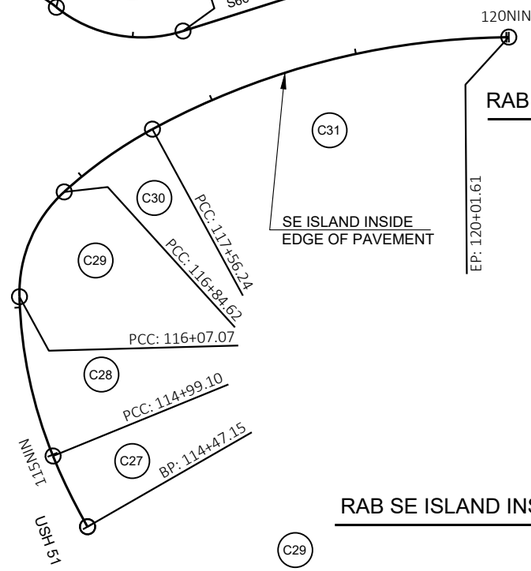
C19
PI STA = 7+93.25WIN
Y = 376729.996
X = 740516.148
DELTA = 56°22'33"
D = 63°39'43"
T = 48.23'
L = 88.55'
R = 90.00'
PC STA = 7+45.01WIN
Y = 376777.474
X = 740507.645
PT STA = 8+33.57WIN
Y = 376710.785
X = 740560.390
BK = S10°09'10"E
AH = S66°31'43"E

C20
PI STA = 9+63.77WIN
Y = 376658.925
X = 740679.823
DELTA = 7°22'55"
D = 11°11'26"
T = 33.03'
L = 65.97'
R = 512.00'
PC STA = 9+30.75WIN
Y = 376672.080
X = 740649.527
PT STA = 9+96.71WIN
Y = 376641.987
X = 740708.177
BK = S66°31'43"E
AH = S59°08'48"E

C21
PI STA = 10+82.79WIN
Y = 376597.844
X = 740782.070
DELTA = 9°43'23"
D = 5°39'42"
T = 86.07'
L = 171.74'
R = 1012.00'
PC STA = 9+96.71WIN
Y = 376641.987
X = 740708.177
PT STA = 11+68.45WIN
Y = 376541.856
X = 740847.447
BK = S59°08'48"E
AH = S49°25'25"E







RAB SE ISLAND INSIDE EDGE OF PAVEMENT 'NIN'

C27
PI STA = 114+73.16NIN
Y = 376530.833
X = 740303.375
DELTA = 7°40'15"
D = 14°46'01"
T = 26.01'
L = 51.95'
R = 388.00'
PC STA = 114+47.15NIN
Y = 376505.309
X = 740298.359
PT STA = 114+99.10NIN
Y = 376555.459
X = 740311.752
BK = N11°07'02"E
AH = N18°47'18"E

C28
PI STA = 115+53.67NIN
Y = 376607.127
X = 740329.330
DELTA = 20°37'15"
D = 19°05'55"
T = 54.58'
L = 107.97'
R = 300.00'
PC STA = 114+99.10NIN
Y = 376555.459
X = 740311.752
PT STA = 116+07.07NIN
Y = 376649.294
X = 740363.977
BK = N18°47'18"E
AH = N39°24'33"E

RAB SW ISLAND INSIDE EDGE OF PAVEMENT 'EIN'

C22
PI STA = 222+88.69EIN
Y = 376976.603
X = 740219.881
DELTA = 3°30'58"
D = 5°39'42"
T = 31.06'
L = 62.10'
R = 1012.00'
PC STA = 222+57.63EIN
Y = 376998.215
X = 740197.572
PT STA = 223+19.73EIN
Y = 376956.399
X = 740243.472
BK = S45°54'28"E
AH = S49°25'25"E

C23
PI STA = 224+17.23EIN
Y = 376892.981
X = 740317.526
DELTA = 11°12'03"
D = 19°05'55"
T = 29.42'
L = 58.65'
R = 300.00'
PC STA = 223+87.81EIN
Y = 376912.116
X = 740295.182
PT STA = 224+46.46EIN
Y = 376869.870
X = 740335.727
BK = S49°25'25"E
AH = S38°13'22"E

C24
PI STA = 224+83.73EIN
Y = 376840.593
X = 740358.785
DELTA = 44°59'13"
D = 63°39'43"
T = 37.27'
L = 70.67'
R = 90.00'
PC STA = 224+46.46EIN
Y = 376869.870
X = 740335.727
PT STA = 225+17.12EIN
Y = 376803.585
X = 740354.396
BK = S38°13'22"E
AH = S06°45'51"W

C25
PI STA = 225+68.19EIN
Y = 376752.872
X = 740348.381
DELTA = 19°19'17"
D = 19°05'55"
T = 51.07'
L = 101.17'
R = 300.00'
PC STA = 225+17.12EIN
Y = 376803.585
X = 740354.396
PT STA = 226+18.29EIN
Y = 376707.005
X = 740325.925
BK = S06°45'51"W
AH = S26°05'08"W

C26
PI STA = 227+33.31EIN
Y = 376603.699
X = 740275.348
DELTA = 7°59'48"
D = 14°19'26"
T = 27.96'
L = 55.83'
R = 400.00'
PC STA = 227+05.36EIN
Y = 376628.810
X = 740287.642
PT STA = 227+61.18EIN
Y = 376577.123
X = 740266.667
BK = S26°05'08"W
AH = S18°05'20"W

RAB SE ISLAND INSIDE EDGE OF PAVEMENT 'NIN'

C29
PI STA = 116+48.44NIN
Y = 376681.256
X = 740390.240
DELTA = 49°22'17"
D = 63°39'43"
T = 41.37'
L = 77.55'
R = 90.00'
PC STA = 116+07.07NIN
Y = 376649.294
X = 740363.977
PT STA = 116+84.62NIN
Y = 376682.136
X = 740431.599
BK = N39°24'33"E
AH = N88°46'50"E

C30
PI STA = 117+20.60NIN
Y = 376682.902
X = 740467.574
DELTA = 13°40'44"
D = 19°05'55"
T = 35.98'
L = 71.62'
R = 300.00'
PC STA = 116+84.62NIN
Y = 376682.136
X = 740431.599
PT STA = 117+56.24NIN
Y = 376675.139
X = 740502.709
BK = N88°46'50"E
AH = S77°32'25"E

C31
PI STA = 118+81.45NIN
Y = 376648.126
X = 740624.965
DELTA = 28°07'00"
D = 11°27'33"
T = 125.21'
L = 245.36'
R = 500.00'
PC STA = 117+56.24NIN
Y = 376675.139
X = 740502.709
PT STA = 120+01.61NIN
Y = 376566.685
X = 740720.063
BK = S77°32'25"E
AH = S49°25'25"E

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	ALIGNMENT DIAGRAM	SHEET PRE_152 E

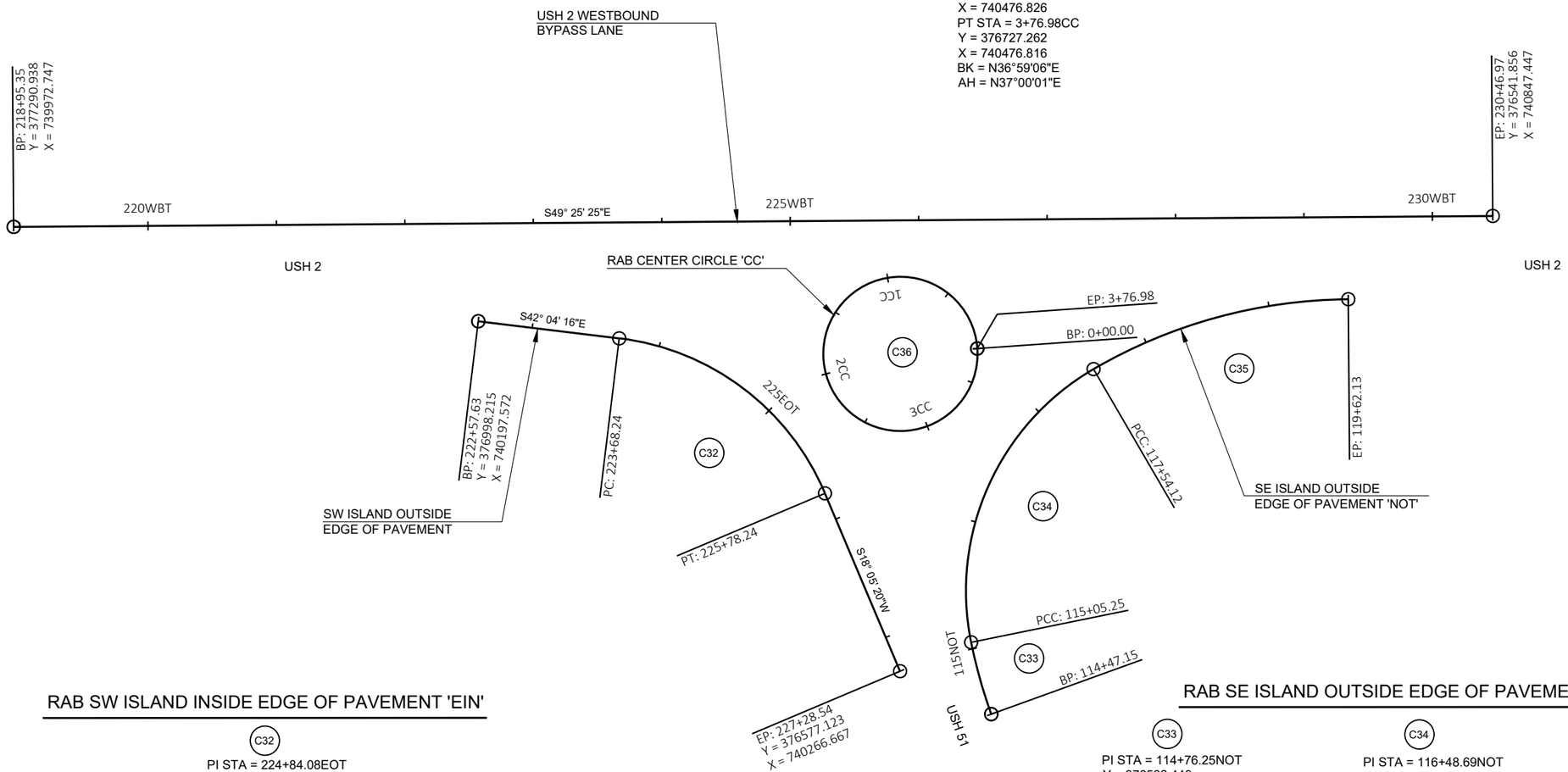
FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\027204-AD.DWG
LAYOUT NAME - 027204-ad
PLOT DATE : 8/31/2020 10:40 AM
PLOT BY : GARNICA, BRANDON
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

2

RAB CENTER CIRCLE 'CC'

C36

PI STA = -0+00.01CC
Y = 376727.269
X = 740476.821
DELTA = 359°59'05"
D = 95°29'35"
T = 0.01'
L = 376.98'
R = 60.00'
PC STA = 0+00.00CC
Y = 376727.275
X = 740476.826
PT STA = 3+76.98CC
Y = 376727.262
X = 740476.816
BK = N36°59'06"E
AH = N37°00'01"E



RAB SW ISLAND INSIDE EDGE OF PAVEMENT 'EIN'

C32

PI STA = 224+84.08EOT
Y = 376830.118
X = 740349.305
DELTA = 60°09'36"
D = 28°38'52"
T = 115.84'
L = 210.00'
R = 200.00'
PC STA = 223+68.24EOT
Y = 376916.110
X = 740271.685
PT STA = 225+78.24EOT
Y = 376720.001
X = 740313.337
BK = S42°04'16"E
AH = S18°05'20"W

RAB SE ISLAND OUTSIDE EDGE OF PAVEMENT 'NOT'

C33

PI STA = 114+76.25NOT
Y = 376532.449
X = 740308.866
DELTA = 8°19'22"
D = 14°19'26"
T = 29.10'
L = 58.10'
R = 400.00'
PC STA = 114+47.15NOT
Y = 376505.309
X = 740298.359
PT STA = 115+05.25NOT
Y = 376557.783
X = 740323.192
BK = N21°09'49"E
AH = N29°29'11"E

C34

PI STA = 116+48.69NOT
Y = 376682.637
X = 740393.792
DELTA = 71°17'36"
D = 28°38'52"
T = 143.43'
L = 248.86'
R = 200.00'
PC STA = 115+05.25NOT
Y = 376557.783
X = 740323.192
PT STA = 117+54.12NOT
Y = 376655.810
X = 740534.693
BK = N29°29'11"E
AH = S79°13'13"E

C35

PI STA = 118+60.53NOT
Y = 376635.906
X = 740639.234
DELTA = 29°47'48"
D = 14°19'26"
T = 106.42'
L = 208.02'
R = 400.00'
PC STA = 117+54.12NOT
Y = 376655.810
X = 740534.693
PT STA = 119+62.13NOT
Y = 376566.685
X = 740720.063
BK = S79°13'13"E
AH = S49°25'25"E

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	ALIGNMENT DIAGRAM	SHEET PRE_153 E

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\027205-AD.DWG
LAYOUT NAME - 027205-ad
PLOT DATE : 8/31/2020 10:40 AM
PLOT BY : GARNICA, BRANDON
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

N

SE OUTSIDE EDGE OF PAVEMENT 'SE'

C39

PI STA = 400+51.21SE
Y = 376454.812
X = 740295.675
DELTA = 19°45'43"
D = 19°29'18"
T = 51.21'
L = 101.40'
R = 294.00'
PC STA = 400+00.00SE
Y = 376403.770
X = 740291.518
PT STA = 401+01.40SE
Y = 376501.442
X = 740316.844
BK = N04°39'19"E
AH = N24°25'02"E

C40

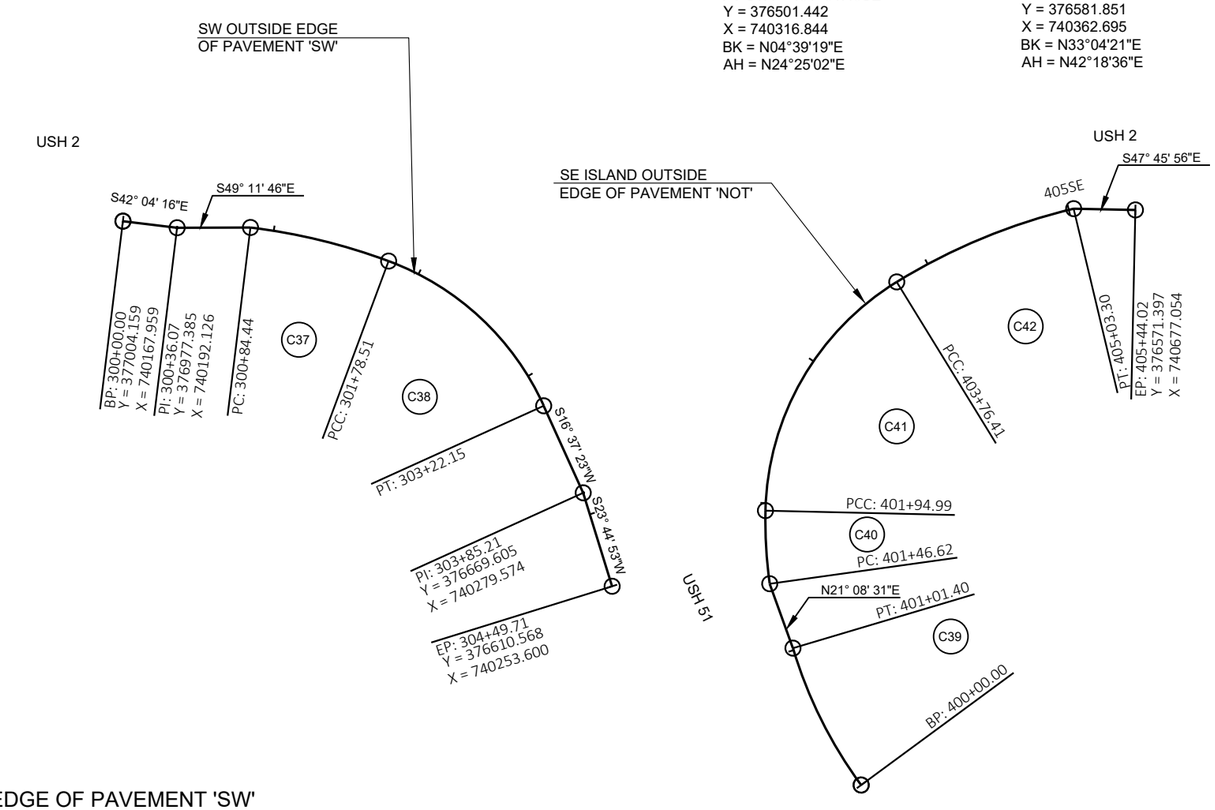
PI STA = 401+70.86SE
Y = 376563.928
X = 740346.380
DELTA = 9°14'16"
D = 19°05'55"
T = 24.24'
L = 48.37'
R = 300.00'
PC STA = 401+46.62SE
Y = 376543.618
X = 740333.154
PT STA = 401+94.99SE
Y = 376581.851
X = 740362.695
BK = N33°04'21"E
AH = N42°18'36"E

C41

PI STA = 402+94.04SE
Y = 376655.099
X = 740429.368
DELTA = 57°06'42"
D = 31°28'52"
T = 99.05'
L = 181.42'
R = 182.00'
PC STA = 401+94.99SE
Y = 376581.851
X = 740362.695
PT STA = 403+76.41SE
Y = 376638.884
X = 740527.080
BK = N42°18'36"E
AH = S80°34'41"E

C42

PI STA = 404+40.39SE
Y = 376628.410
X = 740590.200
DELTA = 18°10'33"
D = 14°19'26"
T = 63.98'
L = 126.89'
R = 400.00'
PC STA = 403+76.41SE
Y = 376638.884
X = 740527.080
PT STA = 405+03.30SE
Y = 376598.769
X = 740646.903
BK = S80°34'41"E
AH = S62°24'08"E



SW OUTSIDE EDGE OF PAVEMENT 'SW'

C37

PI STA = 301+31.69SW
Y = 376910.700
X = 740260.402
DELTA = 13°28'25"
D = 14°19'26"
T = 47.25'
L = 94.06'
R = 400.00'
PC STA = 300+84.44SW
Y = 376945.774
X = 740228.743
PT STA = 301+78.51SW
Y = 376869.214
X = 740283.019
BK = S42°04'16"E
AH = S28°35'50"E

C38

PI STA = 302+54.30SW
Y = 376802.664
X = 740319.299
DELTA = 45°13'13"
D = 31°28'52"
T = 75.80'
L = 143.64'
R = 182.00'
PC STA = 301+78.51SW
Y = 376869.214
X = 740283.019
PT STA = 303+22.15SW
Y = 376730.035
X = 740297.616
BK = S28°35'50"E
AH = S16°37'23"W

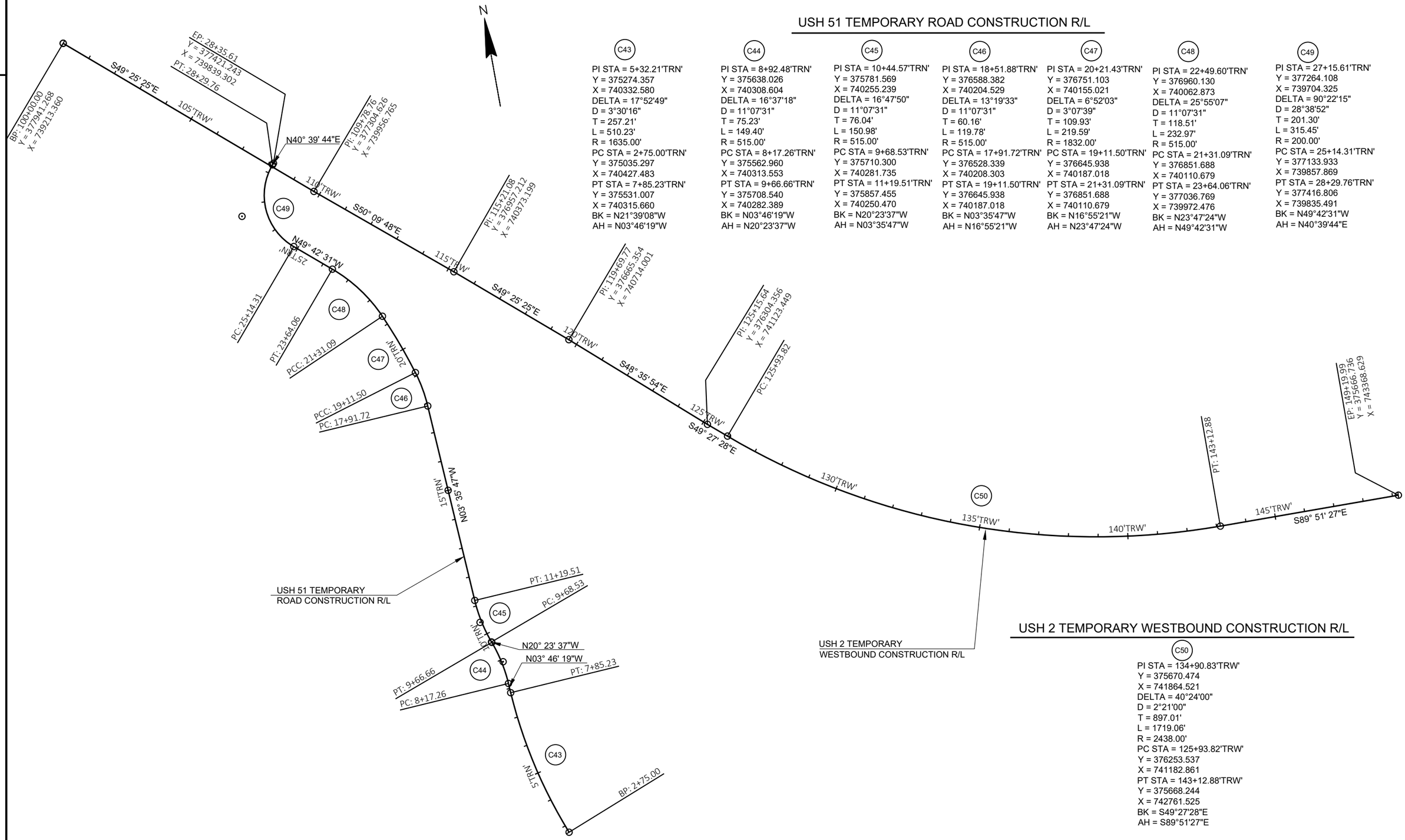
PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	ALIGNMENT DIAGRAM	SHEET E

PRE_154

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\027206-AD.DWG
LAYOUT NAME - 027206-ad

PLOT DATE : 8/31/2020 10:40 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:100 FT

2



USH 51 TEMPORARY ROAD CONSTRUCTION R/L

C43
PI STA = 5+32.21'TRN'
Y = 375274.357
X = 740332.580
DELTA = 17°52'49"
D = 3°30'16"
T = 257.21'
L = 510.23'
R = 1635.00'
PC STA = 2+75.00'TRN'
Y = 375035.297
X = 740427.483
PT STA = 7+85.23'TRN'
Y = 375531.007
X = 740315.660
BK = N21°39'08"W
AH = N03°46'19"W

C44
PI STA = 8+92.48'TRN'
Y = 375638.026
X = 740308.604
DELTA = 16°37'18"
D = 11°07'31"
T = 75.23'
L = 149.40'
R = 515.00'
PC STA = 8+17.26'TRN'
Y = 375562.960
X = 740313.553
PT STA = 9+66.66'TRN'
Y = 375708.540
X = 740282.389
BK = N03°46'19"W
AH = N20°23'37"W

C45
PI STA = 10+44.57'TRN'
Y = 375781.569
X = 740255.239
DELTA = 16°47'50"
D = 11°07'31"
T = 76.04'
L = 150.98'
R = 515.00'
PC STA = 9+68.53'TRN'
Y = 375710.300
X = 740281.735
PT STA = 11+19.51'TRN'
Y = 375857.455
X = 740250.470
BK = N20°23'37"W
AH = N03°35'47"W

C46
PI STA = 18+51.88'TRN'
Y = 376588.382
X = 740204.529
DELTA = 13°19'33"
D = 11°07'31"
T = 60.16'
L = 119.78'
R = 515.00'
PC STA = 17+91.72'TRN'
Y = 376528.339
X = 740208.303
PT STA = 19+11.50'TRN'
Y = 376645.938
X = 740187.018
BK = N03°35'47"W
AH = N16°55'21"W

C47
PI STA = 20+21.43'TRN'
Y = 376751.103
X = 740155.021
DELTA = 6°52'03"
D = 3°07'39"
T = 109.93'
L = 219.59'
R = 1832.00'
PC STA = 19+11.50'TRN'
Y = 376645.938
X = 740187.018
PT STA = 21+31.09'TRN'
Y = 376851.688
X = 740110.679
BK = N16°55'21"W
AH = N23°47'24"W

C48
PI STA = 22+49.60'TRN'
Y = 376960.130
X = 740062.873
DELTA = 25°55'07"
D = 11°07'31"
T = 118.51'
L = 232.97'
R = 515.00'
PC STA = 21+31.09'TRN'
Y = 376851.688
X = 740110.679
PT STA = 23+64.06'TRN'
Y = 377036.769
X = 739972.476
BK = N23°47'24"W
AH = N49°42'31"W

C49
PI STA = 27+15.61'TRN'
Y = 377264.108
X = 739704.325
DELTA = 90°22'15"
D = 28°38'52"
T = 201.30'
L = 315.45'
R = 200.00'
PC STA = 25+14.31'TRN'
Y = 377133.933
X = 739857.869
PT STA = 28+29.76'TRN'
Y = 377416.806
X = 739835.491
BK = N49°42'31"W
AH = N40°39'44"E

USH 2 TEMPORARY WESTBOUND CONSTRUCTION R/L

C50
PI STA = 134+90.83'TRW'
Y = 375670.474
X = 741864.521
DELTA = 40°24'00"
D = 2°21'00"
T = 897.01'
L = 1719.06'
R = 2438.00'
PC STA = 125+93.82'TRW'
Y = 376253.537
X = 741182.861
PT STA = 143+12.88'TRW'
Y = 375668.244
X = 742761.525
BK = S49°27'28"E
AH = S89°51'27"E

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	ALIGNMENT DIAGRAM-TEMPORARY ALIGNMENTS	SHEET PRE_155 E

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\027207-AD.DWG
LAYOUT NAME - 027207-ad
PLOT DATE : 8/31/2020 10:40 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:300 FT

2

USH 51 EXISTING ROADWAY R/L

C51

PI STA = 93+34.76'EXN'
Y = 375271.881
X = 740332.363
DELTA = 18°09'18"
D = 3°49'11"
T = 239.66'
L = 475.30'
R = 1500.00'
PC STA = 90+95.11'EXN'
Y = 375049.314
X = 740421.238
PT STA = 95+70.40'EXN'
Y = 375511.061
X = 740317.262
BK = N21°46'03.5"W
AH = N03°36'45.7"W

C52

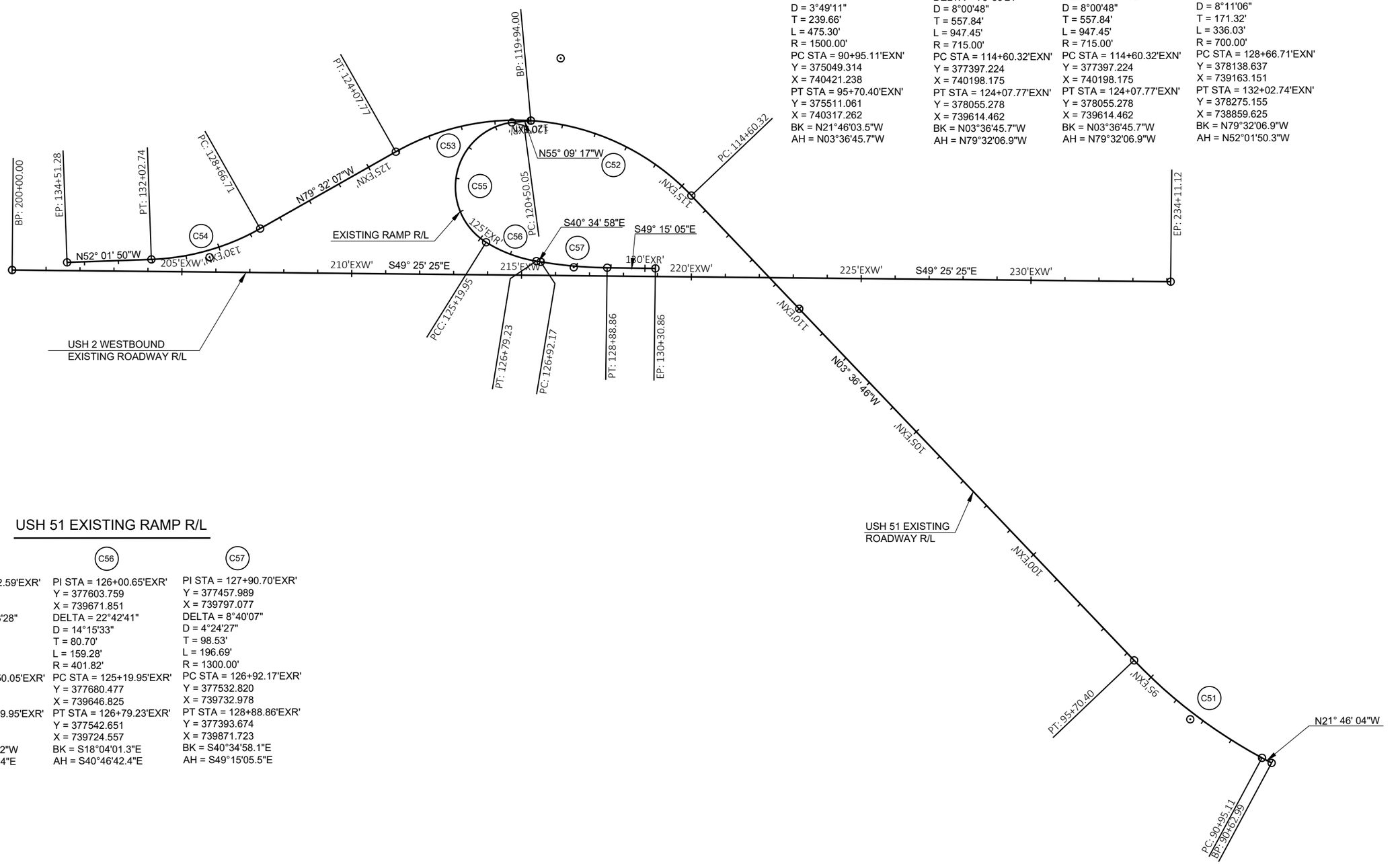
PI STA = 120+18.16'EXN'
Y = 377953.957
X = 740163.024
DELTA = 75°55'21"
D = 8°00'48"
T = 557.84'
L = 947.45'
R = 715.00'
PC STA = 114+60.32'EXN'
Y = 377397.224
X = 740198.175
PT STA = 124+07.77'EXN'
Y = 378055.278
X = 739614.462
BK = N03°36'45.7"W
AH = N79°32'06.9"W

C53

PI STA = 120+18.16'EXN'
Y = 377953.957
X = 740163.024
DELTA = 75°55'21"
D = 8°00'48"
T = 557.84'
L = 947.45'
R = 715.00'
PC STA = 114+60.32'EXN'
Y = 377397.224
X = 740198.175
PT STA = 124+07.77'EXN'
Y = 378055.278
X = 739614.462
BK = N03°36'45.7"W
AH = N79°32'06.9"W

C54

PI STA = 130+38.03'EXN'
Y = 378169.753
X = 738994.682
DELTA = 27°30'17"
D = 8°11'06"
T = 171.32'
L = 336.03'
R = 700.00'
PC STA = 128+66.71'EXN'
Y = 378138.637
X = 739163.151
PT STA = 132+02.74'EXN'
Y = 378275.155
X = 738859.625
BK = N79°32'06.9"W
AH = N52°01'50.3"W



USH 51 EXISTING RAMP R/L

C55

PI STA = 125+82.59'EXR'
Y = 378186.842
X = 739481.924
DELTA = 140°23'28"
D = 29°52'37"
T = 532.54'
L = 469.90'
R = 191.77'
PC STA = 120+50.05'EXR'
Y = 377901.862
X = 739931.795
PT STA = 125+19.95'EXR'
Y = 377680.477
X = 739646.825
BK = N57°38'49.2"W
AH = S18°02'17.4"E

C56

PI STA = 126+00.65'EXR'
Y = 377603.759
X = 739671.851
DELTA = 22°42'41"
D = 14°15'33"
T = 80.70'
L = 159.28'
R = 401.82'
PC STA = 125+19.95'EXR'
Y = 377680.477
X = 739646.825
PT STA = 126+79.23'EXR'
Y = 377542.651
X = 739724.557
BK = S18°04'01.3"E
AH = S40°46'42.4"E

C57

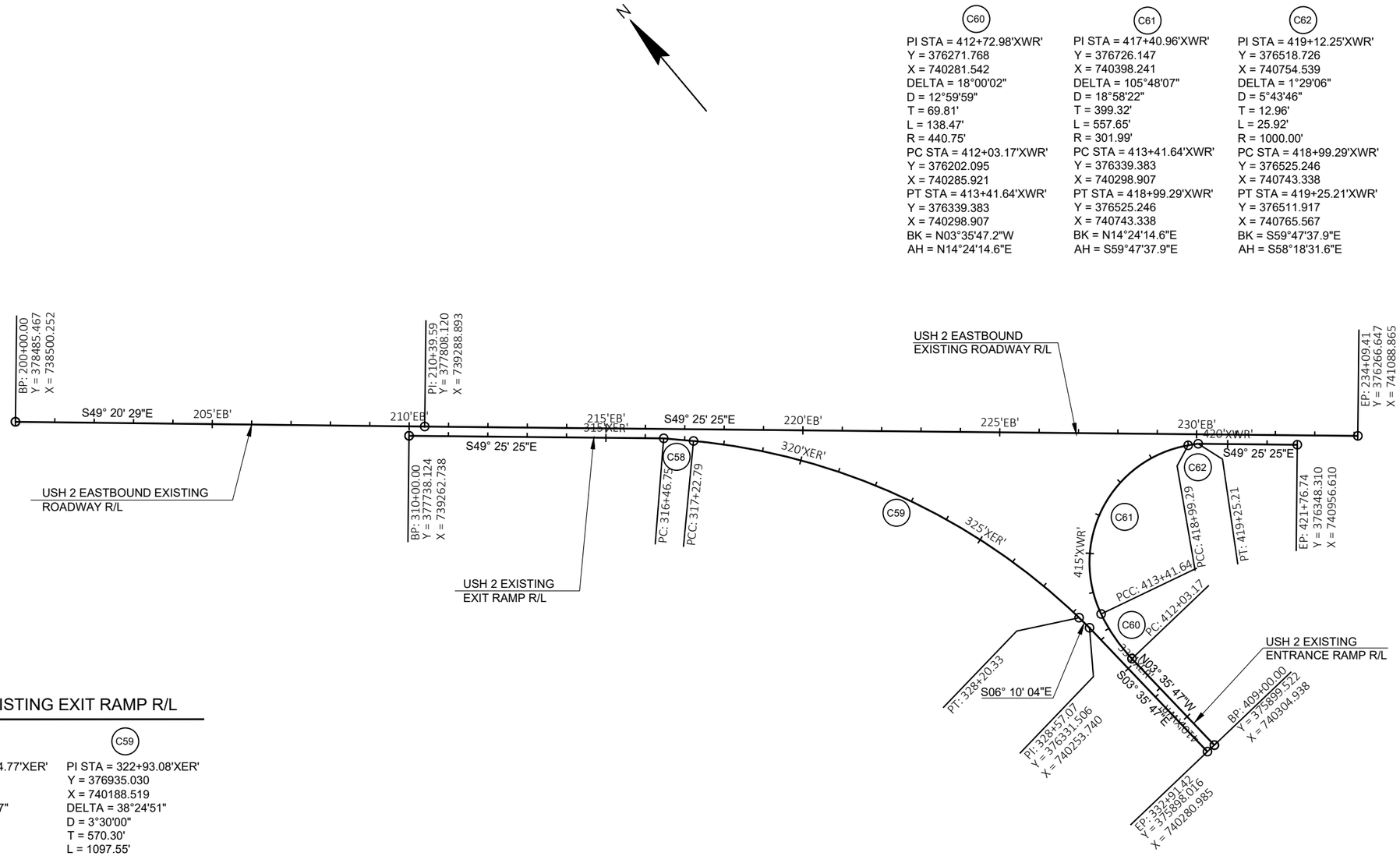
PI STA = 127+90.70'EXR'
Y = 377457.989
X = 739797.077
DELTA = 8°40'07"
D = 4°24'27"
T = 98.53'
L = 196.69'
R = 1300.00'
PC STA = 126+92.17'EXR'
Y = 377532.820
X = 739732.978
PT STA = 128+88.86'EXR'
Y = 377393.674
X = 739871.723
BK = S40°34'58.1"E
AH = S49°15'05.5"E

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	ALIGNMENT DIAGRAM-EXISTING ALIGNMENTS	SHEET PRE_156 E

2

USH 2 EXISTING ENTRANCE RAMP R/L

C60	C61	C62
PI STA = 412+72.98'XWR'	PI STA = 417+40.96'XWR'	PI STA = 419+12.25'XWR'
Y = 376271.768	Y = 376726.147	Y = 376518.726
X = 740281.542	X = 740398.241	X = 740754.539
DELTA = 18°00'02"	DELTA = 105°48'07"	DELTA = 1°29'06"
D = 12°59'59"	D = 18°58'22"	D = 5°43'46"
T = 69.81'	T = 399.32'	T = 12.96'
L = 138.47'	L = 557.65'	L = 25.92'
R = 440.75'	R = 301.99'	R = 1000.00'
PC STA = 412+03.17'XWR'	PC STA = 413+41.64'XWR'	PC STA = 418+99.29'XWR'
Y = 376202.095	Y = 376339.383	Y = 376525.246
X = 740285.921	X = 740298.907	X = 740743.338
PT STA = 413+41.64'XWR'	PT STA = 418+99.29'XWR'	PT STA = 419+25.21'XWR'
Y = 376339.383	Y = 376525.246	Y = 376511.917
X = 740298.907	X = 740743.338	X = 740765.567
BK = N03°35'47.2"W	BK = N14°24'14.6"E	BK = S59°47'37.9"E
AH = N14°24'14.6"E	AH = S59°47'37.9"E	AH = S58°18'31.6"E



USH 51 EXISTING EXIT RAMP R/L

C58	C59
PI STA = 316+84.77'XER'	PI STA = 322+93.08'XER'
Y = 377368.301	Y = 376935.030
X = 739761.524	X = 740188.519
DELTA = 0°52'17"	DELTA = 38°24'51"
D = 1°08'45"	D = 3°30'00"
T = 38.02'	T = 570.30'
L = 76.04'	L = 1097.55'
R = 5000.00'	R = 1637.02'
PC STA = 316+46.75'XER'	PC STA = 317+22.79'XER'
Y = 377394.971	Y = 377341.222
X = 739734.429	X = 739788.210
PT STA = 317+22.79'XER'	PT STA = 328+20.33'XER'
Y = 377341.222	Y = 376368.033
X = 739788.210	X = 740249.792
BK = S45°27'11.9"E	BK = S44°34'55.2"E
AH = S44°34'55.2"E	AH = S06°10'04.1"E

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	ALIGNMENT DIAGRAM-EXISTING ALIGNMENTS	SHEET PRE_157 E

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\027209-AD.DWG
LAYOUT NAME - 027209-ad
PLOT DATE : 8/31/2020 10:41 AM
PLOT BY : GARNICA, BRANDON
PLOT NAME :
PLOT SCALE : 1 IN:300 FT
WISDOT/CADDS SHEET 42

3

3

CLEARING AND GRUBBING

CATEGORY	STATION	TO	STATION	LOCATION	201.0105 CLEARING STA	201.0115 CLEARING ACRE	201.0205 GRUBBING STA	201.0215 GRUBBING ACRE
STAGE 1								
0010	14+00	-	28+00	USH 51 TEMPORARY ROAD	-	0.6	-	0.6
				STAGE 1 SUBTOTALS	0	0.6	0	0.6
STAGE 2								
0010	222WB+00	-	224WB+00	USH 2, WB, LT	2	-	2	-
0010	226WBT+00	-	227WBT+00	USH 2, WB BYPASS, LT	1	-	1	-
0010	121+00	-	126+00	EXISTING USH 2WB-USH 51 SB EXIT	5	-	5	-
				STAGE 2 SUBTOTALS	8	0.0	8	0.0
STAGE 3								
0010	108NB+00	-	110NB+00	USH 51, NB, RT	2	-	2	-
0010	115NB+00	-	117NB+00	USH 51, NB	-	0.8	-	0.8
0010	221EB+50	-	223EB+00	USH 2, EB, RT	-	0.2	-	0.2
				STAGE 3 SUBTOTALS	2	1.0	2	1.0
				TOTAL 0010	10	1.6	10	1.6

REMOVING DRAINAGE

CATEGORY	STATION	LOCATION	203.0100 REMOVING SMALL PIPE CULVERTS EACH	REMARKS
STAGE 1				
0010	11TRN+00	USH 51 TEMPORARY ROAD	1	18-INCH CMP
		STAGE 1 SUBTOTALS	1	
STAGE 2				
0010	205WB+75	USH 2, WB, LT	1	30-INCH RCP
0010	214WB+00	USH 2, WB, LT	1	36-INCH RCP
			2	
STAGE 3				
0010	219EB+50	USH 2, EB, RT	1	36-INCH RCP
		STAGE 3 SUBTOTALS	1	
		TOTAL 0010	4	

REMOVING OLD STRUCTURE

CATEGORY	LOCATION	203.0200.01 B-26-006 LS
STAGE 2		
0010	NORTH HALF	0.5
	STAGE 2 SUBTOTAL	0.5
STAGE 3		
0010	SOUTH HALF	0.5
	STAGE 3 SUBTOTAL	0.5
	TOTAL 0010	1

3

REMOVING CONCRETE PAVEMENT

CATEGORY	STATION	TO	STATION	LOCATION	204.0100 SY
STAGE 2					
0010	216+50	-	230+57	EXISTING USH 2, WB	3,320
0010	112+24	-	134+51	EXISTING USH 51 NB - USH 2 WB RAMP	4,815
0010	119+94	-	130+31	EXISTING USH 2 WB - USH 51 SB RAMP	1,745
				STAGE 2 SUBTOTALS	9,880
STAGE 3					
0010	218+05	-	231+00	EXISTING USH 2, EB	3,560
0010	99+58	-	109+70	EXISTING USH 51	3,055
0010	412+03	-	419+24	EXISTING USH 51 NB - USH 2 EB RAMP	1,370
				STAGE 3 SUBTOTALS	7,985
STAGE 4					
0010	100NB+76	-	114SB+60	USH 51, SB, LT	1,365
0010	215WB+15	-	216WB+50	USH 2, WB, LT	70
0010	210+60	-	326+60	EXISTING USH 2 EB - USH 51 SB RAMP	2,540
				STAGE 4 SUBTOTALS	3,975
				TOTAL 0010	21,840

NOTE: CONCRETE PAVEMENT UNDER EXISTING ASPHALTIC PAVEMENT

REMOVING ASPHALTIC SURFACE

CATEGORY	STATION	TO	STATION	LOCATION	204.0110 ASPHALTIC SURFACE SY	204.0115 BUTT JOINTS SY	204.0120 MILLING SY	REMARKS
STAGE 1								
0010		10TRN+50		USH 51 TEMPORARY ROAD, RT	7	-	-	ASPHALTIC FLUME
0010		11TRN+50		USH 51 TEMPORARY ROAD, RT	6	-	-	ASPHALTIC FLUME
0010		11TRN+00		USH 51 TEMPORARY ROAD	302	-	-	EXISTING DRIVEWAY
				STAGE 1 SUBTOTALS	315	0	0	
STAGE 2								
0010	216+50	-	230+57	EXISTING USH 2, WB, LT & RT	1,786	-	-	EXISTING SHOULDER
0010	112+24	-	134+51	EXISTING USH 51 NB - USH 2 WB RAMP, LT & RT	1,724	-	-	EXISTING SHOULDER
0010	119+94	-	130+31	EXISTING USH 2 WB - USH 51 SB RAMP, LT & RT	670	-	-	EXISTING SHOULDER
				STAGE 2 SUBTOTALS	4,180	0	0	
STAGE 3								
0010	183EB+00	-	216EB+50	USH 2, EB	4,740	11	8,550	RESURFACING AND SHOULDER REMOVAL
0010	218+05		231+00	EXISTING USH 2, EB, LT & RT	1,870			EXISTING SHOULDER AND BYPASS LANE
0010	99+58		109+70	EXISTING USH 51, NB, LT & RT	380	-	-	EXISTING SHOULDER
0010	412+03		326+60	EXISTING USH 51 NB - USH 2 EB RAMP, LT & RT	820	-	-	EXISTING SHOULDER
0010				CENTER DR (SOUTH)	-	6	175	RESURFACING
				STAGE 3 SUBTOTALS	7,810	17	8,725	
STAGE 4								
0010	165EB+35	-	183EB+00	USH 2, EB	290	9	3,260	RESURFACING AND SHOULDER REMOVAL
0010	165EB+35	-	216WB+50	USH 2, WB	3,355	4	13,060	RESURFACING AND SHOULDER REMOVAL
0010	216WB+50	-	219WB+82	USH 2, WB, LT & RT	1,315	-	-	TEMPORARY CROSSOVER, TURN LANE, AND BYPASS LANE
0010	224WBT+20	-	228WBT+40	USH 2, WB BYPASS LANE, RT	375	-	-	TEMPORARY SHOULDER
				USH 51 BYPASS AND EXISTING RAMP	6,560	-	-	
0010		230WB+56		USH 2, WB	-	6	-	RESURFACING
0010				CROSSOVERS AND CENTER DR (NORTH)	-	59	875	RESURFACING
				STAGE 4 SUBTOTALS	11,895	78	17,195	
				TOTAL 0010	24,200	95	25,920	

NOTE: ASPHALTIC SURFACE QUANTITY INCLUDES ALL PAVEMENT REMOVALS TYPICALLY INCLUDED UNDER EXCAVATION COMMON. SEE 'EXCAVATION WASTE' SPECIAL PROVISION FOR PAYMENT INFORMATION.

REMOVING CURB & GUTTER

CATEGORY	STATION	TO	STATION	LOCATION	204.0150 LF
STAGE 1					
0010	10TRN+50	-	11TRN+50	USH 51 TEMPORARY ROAD	130
				STAGE 1 SUBTOTAL	130
				TOTAL 0010	130

REMOVING GUARDRAIL

CATEGORY	STATION	TO	STATION	LOCATION	204.0165 LF	REMARKS
STAGE 2						
0010	223EB+00	-	223EB+50	USH 2, EB, LT	50	END TREATMENT ONLY
0010	221WB+50	-	224WB+00	USH 2, WB, LT & RT	395	
0010	113+25	-	113+75	EXISTING USH 51, LT & RT	230	
				STAGE 2 SUBTOTAL	675	
STAGE 3						
0010	221EB+40	-	223EB+50	USH 2, EB, LT & RT	350	
0010	229EB+30	-	231EB+55	USH 2, EB, RT	225	
0010	108+65	-	109+70	EXISTING USH 51, LT & RT	140	
				STAGE 3 SUBTOTAL	715	
STAGE 4						
0010	230EB+70	-	231EB+35	USH 2, MEDIAN	110	
				STAGE 4 SUBTOTAL	110	
				TOTAL 0010	1,500	

REMOVING DELINEATORS AND MARKERS

CATEGORY	STATION	TO	STATION	LOCATION	204.0180 EACH	REMARKS
STAGE 1						
0010	210+60	-	326+60	EXISTING USH 2 EB - USH 51 SB RAMP	15	
				STAGE 1 SUBTOTAL	15	
STAGE 2						
0010	208WB+20			USH 2, WB, LT	4	GEODETIC MONUMENT
0010	112+24	-	134+51	EXISTING USH 51 NB - USH 2 WB RAMP	11	
				STAGE 2 SUBTOTAL	15	
STAGE 3						
0010	116SB+00			USH 51, SB, LT	5	GEODETIC MONUMENT
0010	412+03	-	419+24	EXISTING USH 51 NB - USH 2 EB RAMP	15	
					20	
				TOTAL 0010	50	

REMOVING UTILITY CABINET

CATEGORY	STATION	LOCATION	204.9060.S.01 EACH
STAGE 3			
0010	115NB+25	USH 51, NB, RT	1
		STAGE 3 SUBTOTAL	1
		TOTAL 0010	1

EARTHWORK SUMMARY

CATEGORY	STATION	TO	STATION	LOCATION	CUT (1)	SALVAGED/UNUSABLE PAVEMENT MATERIAL (2)	205.0100 EXCAVATION COMMON (3)	205.0200 EXCAVATION ROCK	EXPANDED ROCK FACTOR 1.10	UNEXPANDED FILL	EXPANDED FILL FACTOR 1.25 (4)	MASS ORDINATE +/- (5)	SPV.0035.01 EXCAVATION WASTE (6)	REMARKS
DIVISION 1														
0010	196EB+19	-	231EB+19	USH 2, EB	14,701	2,301	12,400	0	0	7,537	9,421	2,979	2,979	
0010	225WBT+00	-	228WBT+00	USH 2, WB BYPASS LANE	420	165	255	0	0	556	695	-440	0	
0010	108NB+36	-	116NB+50	USH 51, NB	25,350	782	24,568	5,518	6,070	3	-7,584	32,152	32,152	
0010	223EOT+00	-	226EOT+50	USH 2, EB RIGHT TURN LANE	11,271	155	11,116	3,127	3,440	1,530	-2,387	13,503	13,503	
0010	115NOT+50	-	117NOT+50	USH 51, NB RIGHT TURN LANE	4,319	79	4,240	558	614	68	-682	4,922	4,922	
0010	0CC+00	-	3CC+50	ROUNDABOUT CIRCLE	1,339	102	1,237	640	704	3,678	3,718	-2,481	0	
0010	321XER+50	-	325XER+50	USH 2, EB EXIT RAMP	844	136	708	0	0	1	1	707	707	
0010	121XWR+50	-	126XWR+00	USH 2, WB EXIT RAMP	3,143	170	2,973	0	0	424	530	2,443	2,443	
0010	9TRN+15	-	26TRN+79	USH 51 TEMPORARY BYPASS	1,999	0	1,999	0	0	1,214	1,518	482	482	STAGE 1
0010	212EXE+90	-	2020EXE+93	USH 2, EB TEMPORARY WIDENING	258	0	258	0	0	517	646	-388	0	STAGE 1
0010	102TRW+55	-	107TRW+55	USH 2, WB TEMPORARY RIGHT TURN LANE	219	0	219	0	0	63	79	140	140	STAGE 2
0010	182WB+28	-	186WB+98	USH 2, WB TEMPORARY CROSSOVER	140	0	140	0	0	45	56	84	84	STAGE 1
0010	9TRN+15	-	26TRN+79	USH 51 TEMPORARY BYPASS	1,000	0	1,000	0	0	0	0	1,000	1,000	STAGE 4 (REMOVAL)
0010	212EXE+90	-	2020EXE+93	USH 2, EB TEMPORARY WIDENING	500	0	500	0	0	0	0	500	500	STAGE 4 (REMOVAL)
0010	102TRW+55	-	107TRW+55	USH 2, WB TEMPORARY RIGHT TURN LANE	50	0	50	0	0	0	0	50	50	STAGE 4 (REMOVAL)
0010	182WB+28	-	186WB+98	USH 2, WB TEMPORARY CROSSOVER	50	0	50	0	0	0	0	50	50	STAGE 4 (REMOVAL)
				DIVISION 1 TOTALS	65,603	3,890	61,713	9,843	10,827	15,636	6,011	55,702	59,011	

NOTES:

(1) SALVAGED/UNUSABLE PAVEMENT MATERIAL IS INCLUDED IN CUT.

(2) SALVAGED/UNUSABLE PAVEMENT MATERIAL IS INCLUDED IN CUT.

(3) COMMON EXCAVATION = CUT - SALVAGED/UNUSABLE PAVEMENT MATERIAL. ITEM NUMBER 205.0100.

(4) EXPANDED FILL FACTOR = 1.25, EXPANDED FILL = (UNEXPANDED FILL - EXPANDED ROCK) * FILL FACTOR

(5) THE MASS ORDINATE + OR - QTY CALCULATED FOR THE STAGE. PLUS QUANTITY INDICATES AN EXCESS OF MATERIAL WITHIN THE DIVISION. MINUS INDICATES A SHORTAGE OF MATERIAL WITHIN THE DIVISION.

(6) FACTORS USED TO COMPUTE ANTICIPATED WASTE AND THE COMPUTED WASTE VOLUME IDENTIFIED ARE FOR GENERAL INFORMATION ONLY.

PREPARE FOUNDATION

CATEGORY	STATION	TO	STATION	LOCATION	211.0100.01 ASPHALTIC PAVING (1175-21-71) LS	211.0400 ASPHALTIC SHOULDERS STA	REMARKS
STAGE 1							
0010	18TRN+75	-	22TRN+00	USH 51 TEMPORARY ROAD, LT	-	4	SHOULDER WIDENING
0010	18TRN+75	-	22TRN+00	USH 51 TEMPORARY ROAD, RT	-	4	SHOULDER WIDENING
0010	182WB+28	-	186WB+58	USH 2, WB, RT	-	5	SHOULDER WIDENING
				STAGE 1 SUBTOTALS	0	13	
STAGE 4							
0010	178EB+25	-	183EB+00	USH 2, EB, RT	-	5	
0010	UNDISTRIBUTED			USH 2, WB	1	-	
				STAGE 4 SUBTOTALS	1	5	
				TOTAL 0010	1	18	

OBLITERATING OLD ROAD

CATEGORY	STATION	TO	STATION	LOCATION	214.0100 STA
STAGE 2					
0010	112+24	-	129+64	EXISTING USH 51 NB - USH 2 WB RAMP	18
					18
				TOTAL 0010	18

BASE AGGREGATE DENSE AND WATER

CATEGORY	STATION	TO	STATION	LOCATION	305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	305.0500 SHAPING SHOULDERS STA	305.0504.S HAULING EXCESS SHOULDER MATERIAL CY	624.0100 WATER MGAL	REMARKS
STAGE 1										
0010	9TRN+60	-	27TRN+05	USH 51 TEMPORARY ROAD	179	4,319	-	-	45	
0010	182WB+25	-	186WB+25	USH 2, WB, RT	62	294	-	-	4	TEMPORARY SHOULDER WIDENING
0010	213EB+11	-	220EB+92	USH 2, EB, LT	85	910	-	-	10	TEMPORARY BYPASS LANE
				STAGE 1 SUBTOTALS	326	5,523	0	0	59	
STAGE 2										
0010	211WB+50	-	216WB+50	USH 2, WB, RT	50	612	-	-	7	TEMPORARY TURN LANE'
0010	214WB+62	-	216WB+50	USH 2, WB, LT	24	201	-	-	3	TEMPORARY BYPASS LANE
0010	216WB+50	-	224WB+40	USH 2, WB	101	4,164	-	-	43	INCLUDING TEMPORARY BYPASS LANE AND CROSSOVER
0010	218WBT+95	-	231WBT+10	USH 2, WB BYPASS LANE	146	5,013	-	-	52	
0010	228WB+57	-	231WB+10	USH 2, WB	9	718	-	-	8	
				STAGE 2 SUBTOTALS	330	10,708	0	0	113	
STAGE 3										
0010	108NB+36	-	116NB+65	USH 51, NB	50	3,195	-	-	33	
0010	108NB+36	-	116SB+89	USH 51, SB	-	2,413	-	-	25	
0010	113NB+48	-	116NB+55	USH 51, LT, MEDIAN	-	102	-	-	2	
0010	115NOT+25	-	117NOT+72	RAB SE SLIP LANE	-	725	-	-	8	
0010	113NB+75	-	119NOT+07	RAB SE SLIP LANE, RT	-	705	-	-	8	
0010	115NOT+25	-	117NOT+72	RAB SE SLIP LANE, LT ISLAND	-	143	-	-	2	
0010	223EOT+81	-	226EOT+36	RAB SW SLIP LANE	-	727	-	-	8	
0010	222EOT+81	-	226EOT+81	RAB SW SLIP LANE, RT	-	359	-	-	4	
0010	223EOT+81	-	226EOT+36	RAB SW SLIP LANE, LT ISLAND	-	355	-	-	4	
0010	218EB+25	-	225EB+13	USH 2, EB	73	3,406	-	-	35	
0010	224WB+40	-	225WB+38	USH 2, WB	-	112	-	-	2	
0010	223EB+40	-	225EB+02	USH 2, EB, LT MEDIAN	-	311	-	-	4	
0010	226EB+73	-	231EB+19	USH 2, EB	52	2,895	-	-	30	
0010	226WB+67	-	228WB+57	USH 2, WB	-	521	-	-	6	
0010	7WIN+50	-	8WIN+33	RAB NE ISLAND, LT	-	63	-	-	1	
0010	226EB+73	-	230EB+08	USH 2, EB, LT MEDIAN	-	304	-	-	4	
0010	0CC+00	-	3CC+77	RAB CIRCLE	-	2,289	-	-	23	
0010	183EB+00	-	216EB+50	USH 2, EB, LT & RT	1,096	-	68	1,325	11	RESURFACING AND SHOULDER REMOVAL
				STAGE 3 SUBTOTALS	1,271	18,625	68	1,325	210	
STAGE 4										
0010	108NB+36	-	115SB+30	USH 51, LT	62	1,705	-	-	20	
0010	165EB+35	-	183EB+00	USH 2, EB	224	-	3	55	3	RESURFACING AND SHOULDER REMOVAL
0010	165EB+35	-	216WB+50	USH 2, WB	1,300	-	46	880	13	RESURFACING AND SHOULDER REMOVAL
0010	216EB+50	-	218EB+25	USH 2, EB	37	980	3	30	11	
0010	216WB+50	-	218WB+05	USH 2, WB, RT	26	-	8	130	1	TEMPORARY CROSSOVER REMOVAL
0010	218WB+05	-	223WB+10	USH 2, WB, RT	28	-	-	-	1	PAVE SURFACE LAYER
0010	216WB+50	-	219WB+82	USH 2, WB, LT	42	-	4		1	TEMPORARY BYPASS LANE REMOVAL
0010	219WBT+82		231WBT+10	USH 2, WB PASSING LANE, LT	54	-	-	-	1	PAVE SURFACE LAYER
0010	224WBT+25	-	228WBT+37	USH 2, WB PASSING LANE, RT MEDIAN	-	169	-	-	2	
				STAGE 4 SUBTOTALS	1,773	2,854	64	1,095	53	
				TOTAL 0010	3,700	37,710	132	2,420	435	

ASPHALT PAVEMENT ITEMS

CATEGORY	STATION	TO	STATION	LOCATION	450.4000 HMA COLD WEATHER PAVING TON	455.0605 TACK COAT GAL	460.6243 HMA PAVEMENT 3 MT 58-34 S TON	460.6644 HMA PAVEMENT 4 MT 58-34 V TON	465.0105 ASPHALTIC SURFACE TON	465.0110 ASPHALTIC SURFACE PATCHING TON	465.0120 ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES TON	465.0125 ASPHALTIC SURFACE TEMPORARY TON	465.0310 ASPHALTIC CURB LF	REMARKS
STAGE 1														
0010	9TRN+60	-	27TRN+05	USH 51 TEMPORARY ROAD	-	-	-	-	-	-	-	1,365	730	
0010	182WB+25	-	186WB+25	USH 2, WB, RT	-	-	-	-	-	-	-	47	-	TEMPORARY SHOULDER WIDENING
0010	213EB+11	-	220EB+92	USH 2, EB, LT	-	-	-	-	-	-	-	195	-	TEMPORARY BYPASS LANE
				STAGE 1 SUBTOTALS	0	0	0	0	0	0	0	1,606	730	
STAGE 2														
0010	211WB+50	-	218WB+05	USH 2, WB, RT	-	-	-	-	-	-	-	265	-	TURN LANE AND CROSSOVER
0010	214WB+62	-	219WB+82	USH 2, WB, LT	-	-	-	-	-	-	-	74	-	TEMPORARY BYPASS LANE
0010	216WB+50	-	224WB+40	USH 2, WB	-	112	528	-	-	-	-	-	-	BINDER LAYERS ONLY - TOP LAYER TO BE COMPLETED IN STAGE 4
0010	218WBT+95	-	231WBT+10	USH 2, WB BYPASS LANE	-	381	867	-	-	-	-	-	-	BINDER LAYERS ONLY - TOP LAYER TO BE COMPLETED IN STAGE 4
0010	228WB+57	-	231WB+10	USH 2, WB	-	55	125	-	-	-	-	-	-	BINDER LAYERS ONLY - TOP LAYER TO BE COMPLETED IN STAGE 4
				STAGE 2 SUBTOTALS	0	548	1,520	0	0	0	0	339	0	
STAGE 3														
0010	108NB+36	-	116NB+65	USH 51, NB	-	217	489	206	-	-	-	-	-	
0010	108NB+36	-	116SB+89	USH 51, SB	-	244	555	205	-	-	-	-	-	
0010	115NOT+25	-	117NOT+72	RAB SE SLIP LANE	-	57	129	48	-	-	-	-	-	
0010	223EOT+81	-	226EOT+36	RAB SW SLIP LANE	-	59	134	50	-	-	-	-	-	
0010	216EB+50	-	218EB+25	USH 2, EB	-	54	-	52	-	-	-	-	-	WEDGING
0010	218EB+25	-	225EB+13	USH 2, EB	-	203	459	195	-	-	-	-	-	
0010	224WB+40	-	225WB+38	USH 2, WB	-	29	66	25	-	-	-	-	-	
0010	226EB+73	-	231EB+19	USH 2, EB	-	197	446	186	-	-	-	-	-	
0010	226WB+67	-	228WB+57	USH 2, WB	-	45	101	37	-	-	-	-	-	
0010	0CC+00	-	3CC+77	RAB CIRCLE	-	118	267	99	-	-	-	-	-	
0010	230EB+10	-	230EB+45	USH 2, EB, LT CROSSOVER	-	13	29	-	-	-	-	-	-	BINDER LAYERS ONLY - TOP LAYER TO BE COMPLETED IN STAGE 4
0010	183EB+00	-	216EB+50	USH 2, EB	-	600	-	985	-	-	-	-	-	RESURFACING
0010				CENTER DR (SOUTH)	-	13	-	21	-	-	-	-	-	RESURFACING
0010	UNDISTRIBUTED			PROJECT LIMITS	-	-	-	-	-	50	-	-	-	RESURFACING AREA - UNDISTRIBUTED PATCHING
				STAGE 3 SUBTOTALS	0	1,849	2,675	2,109	0	50	0	0	0	
STAGE 4														
0010	108NB+36	-	115SB+30	USH 51, LT	-	40	85	66	-	-	-	-	-	
0010	107NB+75			USH 51, NB, LT	-	-	-	-	-	-	60	-	-	
0010	216EB+50	-	218EB+25	USH 2, EB	-	41	-	46	-	-	-	-	-	
0010	216WB+50	-	224WB+40	USH 2, WB	-	232	-	203	-	-	-	-	-	LOWER LAYERS INSTALLED IN STAGE 2
0010	218WBT+95	-	231WBT+10	USH 2, WB BYPASS LANE	-	363	-	305	80	-	-	-	-	LOWER LAYERS INSTALLED IN STAGE 2
0010	228WB+57	-	231WB+10	USH 2, WB	-	55	-	46	-	-	-	-	-	LOWER LAYERS INSTALLED IN STAGE 2
0010	230EB+10	-	230EB+45	USH 2, EB, LT CROSSOVER	-	13	-	11	-	-	-	-	-	LOWER LAYERS INSTALLED IN STAGE 3
0010	165EB+35	-	183EB+00	USH 2, EB	-	240	-	397	-	-	-	-	-	RESURFACING
0010	165EB+35	-	216WB+50	USH 2, WB	-	918	-	1,505	-	-	-	-	-	RESURFACING
0010				CROSSOVERS AND CENTER DR (NORTH)	-	66	-	107	-	-	-	-	-	RESURFACING
0010	UNDISTRIBUTED			PROJECT LIMITS	700	-	-	-	-	50	-	-	-	RESURFACING AREA - UNDISTRIBUTED PATCHING
				STAGE 4 SUBTOTALS	700	1,968	85	2,686	80	50	60	0	0	
				TOTAL 0010	700	4,365	4,280	4,795	80	100	60	1,945	730	

ASPHALTIC FLUMES

CATEGORY	STATION	LOCATION	465.0315 SY
STAGE 1			
0010	17TRN+35	USH 51 TEMPORARY ROAD, LT	5
		STAGE 1 SUBTOTAL	
STAGE 4			
0010	107NB+25	USH 51, NB, LT	5
0010	108NB+35	USH 51, NB, LT	5
		STAGE 4 SUBTOTAL	
		TOTAL 0010	15

ASPHALTIC RUMBLE STRIPS

CATEGORY	STATION	TO	STATION	LOCATION	465.0425 ASPHALTIC SHOULDER RUMBLE STRIPS 2-LANE RURAL LF	465.0475 ASPHALT CENTERLINE RUMBLE STRIPS 2-LANE RURAL LF
STAGE 3						
0010	183EB+00	-	216EB+50	USH 2, EB	6,200	-
0010	218EB+25	-	222EB+25	USH 2, EB	700	-
0010	229EB+00	-	231EB+25	USH 2, EB	200	-
0010	108NB+36	-	113NB+40	USH 51, NB	500	360
				STAGE 3 SUBTOTALS	7,600	360
STAGE 4						
0010	164EB+40	-	177EB+00	USH 2	2,520	860
0010	177EB+00	-	183EB+00	USH 2, EB	1,200	-
0010	177WB+00	-	231WB+00	USH 2, WB	9,400	-
0010	108NB+36	-	115SB+25	USH 51, SB, LT	700	-
				STAGE 4 SUBTOTALS	13,820	860
				TOTAL 0010	21,420	1,220

CULVERT PIPES AND TERMPORARY DRAINAGE

CATEGORY	STATION	TO	STATION	LOCATION	520.1018 APRON ENDWALLS FOR CULVERT PIPE 18-INCH EACH	520.3318 CULVERT PIPE CLASS III-A 18-INCH LF	CULVERT PIPE TEMPORARY 520.2018 18-INCH LF	CULVERT PIPE TEMPORARY 520.2024 24-INCH LF	CULVERT PIPE TEMPORARY 520.2036 36-INCH LF	APRON ENDWALLS TEMPORARY SPV.0060.03 18-INCH EACH	APRON ENDWALLS TEMPORARY SPV.0060.04 24-INCH EACH	APRON ENDWALLS TEMPORARY SPV.0060.05 36-INCH EACH	611.0430 RECONSTRUCTING INLETS EACH	611.8120.S COVER PLATES TEMPORARY EACH	650.6000 CONSTRUCTION STAKING PIPE CULVERTS EACH	SPV.0060.01 INLETS 2X3-FT TEMPORARY EACH	SPV.0060.02 STORM SEWER PLUG 18-INCH EACH	REMARKS
STAGE 1																		
0010	11TRN+80			USH 51 TEMPORARY ROAD, RT	-	-	101	-	-	-	-	-	-	-	-	1	-	
0010	15TRN+50	-	17TRN+35	USH 51 TEMPORARY ROAD, LT	-	-	185	-	-	1	-	-	-	-	-	1	-	
0010	26TRN+85			USH 51 TEMPORARY ROAD	-	-	-	-	120	-	-	2	-	-	1	-	-	
0010	183EB+88	-	185EB+12	USH 2, EB, LT	-	-	-	125	-	-	1	-	1	1	1	-	-	
0010	215EB+47	-	218EB+97	USH 2, EB, LT	-	-	-	350	-	-	1	-	1	-	1	-	-	
				STAGE 1 SUBTOTALS	0	0	286	475	120	1	2	2	2	1	3	2	0	
STAGE 2																		
0010	##WBT+##			USH 2, WB BYPASS, LT	-	-	-	-	-	-	-	-	-	-	-	-	1	AT STRUCTURE NO. 13
				STAGE 2 SUBTOTALS	0	0	0	0	0	0	0	0	0	0	0	0	1	
STAGE 4																		
0010	183WB+75			USH 2, WB, RT	-	-	-	-	-	-	-	-	1	-	-	-	-	
0010	215EB+45			USH 2, EB, LT	-	-	-	-	-	-	-	-	1	-	-	-	-	
0010	107NB+75			USH 51, LT	2	94	-	-	-	-	-	-	-	-	-	-	-	
				STAGE 4 SUBTOTALS	2	94	0	0	0	0	0	0	2	0	0	0	0	
				TOTAL 0010	2	94	286	475	120	1	2	2	4	1	3	2	1	

3

CONCRETE CURB & GUTTER

CATEGORY	STATION	TO	STATION	LOCATION	601.0405 18-INCH TYPE A LF	601.0553 4-INCH SLOPED 36-INCH TYPE D LF	601.0557 6-INCH SLOPED 36-INCH TYPE D LF	601.0580 4-INCH SLOPED 36-INCH TYPE R LF	601.0600 CONCRETE CURB PEDESTRIAN LF	SPV.0090.01 CONCRETE CURB TYPE G MODIFIED LF
STAGE 2										
0010	223WB+10	-	224WB+40	USH 2, WB, RT	-	103	29	-	-	-
0010	5WIN+29	-	6WIN+95	RAB NE ISLAND, LT	-	-	167	-	-	-
0010	9WIN+42	-	9WIN+60	RAB NE ISLAND, LT	-	-	19	-	-	-
0010	228WB+57	-	230WB+12	USH 2, WB, RT	-	72	82	-	-	-
				STAGE 2 SUBTOTALS	0	175	297	0	0	0
STAGE 3										
0010	113NB+48	-	116NB+55	USH 51, LT, MEDIAN	-	-	674	-	61	-
0010	113NB+44	-	118NOT+81	RAB SE SLIP LANE, RT	-	468	72	-	-	123
0010	115NOT+25	-	117NOT+72	RAB SE SLIP LANE, LT ISLAND	-	90	442	-	66	15
0010	222EB+32	-	227EOT+00	RAB SW SLIP LANE, RT	-	297	150	-	-	15
0010	223EOT+81	-	226EOT+36	RAB SW SLIP LANE, LT ISLAND	-	226	324	-	20	-
0010	221EB+68	-	225EB+02	USH 2, EB, LT	-	41	324	-	77	-
0010	224WB+40	-	225WB+15	USH 2, WB, RT	-	-	111	-	-	-
0010	6WIN+95	-	9WIN+42	RAB NE ISLAND, LT	-	82	163	-	-	15
0010	226EB+74	-	230EB+08	USH 2, EB, LT	-	59	306	-	38	-
0010	226WB+77	-	228WB+57	USH 2, WB, RT	-	-	200	-	-	-
0010	0CC+00	-	3CC+77	RAB CIRCLE	205	-	-	365	-	-
				STAGE 3 SUBTOTALS	205	1,263	2,766	365	262	168
STAGE 4										
0010	224WBT+25	-	228WBT+38	USH 2, WB PASSING LANE, RT	-	-	425	-	108	-
0010	107NB+30	-	108NB+25	USH 51, LT	-	-	130	-	-	-
				STAGE 4 SUBTOTALS	0	0	555	0	108	0
				TOTAL 0010	205	1,438	3,618	365	370	168

3

CONCRETE SIDEWALK ITEMS

CATEGORY	STATION	TO	STATION	LOCATION	405.0100 COLORING CONCRETE WISDOT RED CY	416.0512 CONCRETE TRUCK APRON 12-INCH SY	602.0415 CONCRETE SIDEWALK 6-INCH SF	602.0505 CURB RAMP DETECTABLE WARNING FIELD YELLOW SF	620.0300 CONCRETE MEDIAN SLOPED NOSE SF
STAGE 2									
0010	9WIN+60			RAB NE ISLAND, LT	-	-	-	-	57
				STAGE 2 SUBTOTALS	0	0	0	0	57
STAGE 3									
0010	113NB+48	-	116NB+55	USH 51, LT, MEDIAN	-	-	5,472	40	56
0010	113NB+75	-	119NOT+07	RAB SE SLIP LANE, RT	188	565	2,242	40	-
0010	115NOT+25	-	117NOT+72	RAB SE SLIP LANE, LT ISLAND	16	49	4,112	80	56
0010	222EOT+70	-	226EOT+81	RAB SW SLIP LANE, RT	85	255	2,330	40	-
0010	223EOT+81	-	226EOT+36	RAB SW SLIP LANE, LT ISLAND	106	317	1,678	80	56
0010	223EB+40	-	225EB+02	USH 2, EB, LT MEDIAN	70	210	4,018	40	-
0010	7WIN+50	-	8WIN+33	RAB NE ISLAND, LT	15	44	-	20	-
0010	226EB+74	-	230EB+08	USH 2, EB, LT MEDIAN	65	195	4,236	40	-
0010	0CC+00	-	3CC+77	RAB CIRCLE	255	755	-	-	-
				STAGE 3 SUBTOTALS	800	2,390	24,088	380	168
STAGE 4									
0010	224WBT+25	-	228WBT+37	USH 2, WB PASSING LANE, RT MEDIAN	-	-	8,947	60	-
				STAGE 4 SUBTOTALS	0	0	8,947	60	0
				TOTAL 0010	800	2,390	33,035	440	225

RIPRAP AND GEOTEXTILE TYPE HR

CATEGORY	STATION	LOCATION	606.0200 RIPRAP MEDIUM CY	645.0120 GEOTEXTILE TYPE HR SY
STAGE 2				
0010	224WB+25	USH 2, WB, LT	3	3
0010	227WB+99	USH 2, WB, LT	3	3
		STAGE 2 SUBTOTALS	6	6
STAGE 3				
0010	116SB+29	USH 51, SB, LT	5	5
0010	114NB+86	USH 51, NB, RT	3	3
0010	116NB+66	USH 51, NB, RT	3	3
0010	224EB+24	USH 2, EB, RT	3	3
0010	223EB+59	USH 2, EB, RT	3	3
0010	227EB+72	USH 2, EB, RT	3	3
0010	228EB+53	USH 2, EB, RT	4	4
		STAGE 3 SUBTOTALS	24	24
		TOTAL 0010	30	30

CONCRETE BARRIER TEMPORARY PRECAST

CATEGORY	STATION	TO	STATION	LOCATION	603.8000 DELIVERED LF	603.8125 INSTALLED LF	603.8500 ANCHORING CONCRETE BARRIER TEMPORARY PRECAST LF	614.0905 CRASH CUSHIONS TEMPORARY EACH	BACK WIDTH FT	OBJECT MARKING PATTERN	CRASH LEVEL TEST	TRAFFIC DIRECTION	CRASH CUSHION SHIELDS
STAGE 1													
0010	13TRN+70	-	18TRN+20	USH 51 TEMPORARY ROAD, RT	450	450	450	-					
	13TRN+70			USH 51 TEMPORARY ROAD, RT	-	-	-	1	2	OM-3R	TL-2	BIDIRECTIONAL	TEMPORARY BARRIER ON RIGHT SHOULDER OF TEMPORARY LANES
	18TRN+20			USH 51 TEMPORARY ROAD, RT	-	-	-	1	2	OM-3L	TL-2	BIDIRECTIONAL	TEMPORARY BARRIER ON RIGHT SHOULDER OF TEMPORARY LANES
				STAGE 1 SUBTOTALS	450	450	450	2					
STAGE 2													
0010				USH 2, EB, LT (EAST OF MONTRAL RIVER)	100	100	100	1	2	OM-3L	TL-2	BIDIRECTIONAL	TEMPORARY BARRIER ON RIGHT SHOULDER OF TEMPORARY LANES
				STAGE 2 SUBTOTALS	100	100	100	1					
STAGE 3													
0010	230WB+50	-	231WB+00	USH 2, WB, LT	25	25	25	1	2	OM-3L	TL-2	BIDIRECTIONAL	TEMPORARY BARRIER ON RIGHT SHOULDER OF TEMPORARY LANES
					25	25	25	1					
				TOTAL 0010	575	575	575	4					

STORM SEWER PIPES REINFORCED CONCRETE

CATEGORY	FROM		TO	LOCATION	608.0005 STORM SEWER ROCK EXCAVATION CY	STORM SEWER PIPE REINFORCED CONCRETE 608.0412 CLASS IV 12-INCH LF	608.0415 CLASS IV 15-INCH LF	608.0418 CLASS IV 18-INCH LF	608.0424 CLASS IV 24-INCH LF	REMARKS
STAGE 2										
0010	11C	-	11D	USH 2, WB	-	-	-	26	-	
0010	11D	-	11E	USH 2, WB BYPASS	-	-	-	6	-	
0010	11E	-	11F	USH 2, WB BYPASS	-	-	-	38	-	
0010	13	-	13A	USH 2, WB BYPASS	-	-	-	46	-	
0010	13D	-	13A	USH 2, WB BYPASS	-	74	-	-	-	
0010	13A	-	SOUTH	USH 2, WB	-	-	-	30	-	TO 13B
				STAGE 2 SUBTOTALS		74	0	146	0	
STAGE 3										
0010	1	-	1A	USH 51, SB	10	18	-	-	-	
0010	1	-	2	USH 51, SB	37	-	-	62	-	
0010	2	-	3	USH 51, SB	26	-	-	54	-	
0010	3	-	4	USH 51, SB	10	-	-	17	-	
0010	4A	-	4B	USH 51, NB	10	23	-	-	-	
0010	4B	-	4	USH 51, SB	20	-	23	-	-	
0010	4	-	5	USH 51, SB	23	-	-	-	36	
0010	5A	-	5	USH 51, SB	25	51	-	-	-	
0010	5	-	6	USH 51, SB	66	-	-	-	71	
0010	7A	-	7	USH 51, NB	33	40	-	-	-	
0010	8	-	8A	SW SLIP LANE	5	22	-	-	-	
0010	8A	-	8B	SW SLIP LANE	32	-	50	-	-	
0010	9	-	9A	SW SLIP LANE	11	22	-	-	-	
0010	9A	-	9B	SW SLIP LANE	38	-	45	-	-	
0010	10	-	10A	SW SLIP LANE	-	-	9	-	-	
0010	10A	-	10B	SW SLIP LANE	-	-	20	-	-	
0010	10B	-	10C	SW SLIP LANE	14	-	35	-	-	
0010	11	-	11A	ROUNDABOUT	-	-	10	-	-	
0010	11A	-	11B	ROUNDABOUT	-	-	44	-	-	
0010	11B	-	11C	USH 2, WB	-	-	-	83	-	
0010	12	-	12A	USH 2, EB	-	83	-	-	-	
0010	12A	-	12B	USH 2, EB	-	-	5	-	-	
0010	12B	-	12C	SE SLIP LANE	-	-	22	-	-	
0010	12D	-	12C	SE SLIP LANE	-	69	-	-	-	
0010	12C	-	12E	SE SLIP LANE	-	-	-	56	-	
0010	NORTH	-	13B	USH 2, EB	-	-	-	90	-	FROM 13A
0010	13B	-	13C	SE SLIP LANE	-	-	-	-	41	
0010	14	-	14A	USH 2, WB	27	31	-	-	-	
0010	14A	-	14B	USH 2, WB	30	-	24	-	-	
0010	14B	-	14C	USH 2, EB	43	-	40	-	-	
0010	14C	-	13B	SE SLIP LANE	25	-	-	19	-	
				STAGE 3 SUBTOTALS	485	359	327	381	148	
				TOTAL 0010	485	433	327	527	148	

STORM SEWER STRUCTURES AND COVERS

					APRON ENDWALLS REINFORCED CONCRETE				INLET COVERS		MANHOLES		INLETS			*		
					522.1012	522.1015	522.1018	522.1024	611.0627	611.0652	611.2005	611.2006	611.3004	611.3225	611.3230	611.8120.S	633.5200	650.4000
					12-INCH	15-INCH	18-INCH	24-INCH	TYPE HM	TYPE T	5-FT DIA	6-FT DIA	4-FT DIA	2X2.5-FT	2X3-FT	COVER PLATES TEMPORARY	CULVERT END MARKERS	CONSTRUCTION STAKING STORM SEWER
CATEGORY	STRUCTURE	STATION	OFFSET	LOCATION	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
STAGE 2																		
0010	11C	224WB+42	2'RT	USH 2, WB	-	-	-	-	1	-	-	-	1	-	-	-	-	1
0010	11D	224WB+26	18.1'LT	USH 2, WB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	11E	224WB+25	24.2'LT	USH 2, WB	-	-	-	-	-	-	-	-	-	-	1	1	-	1
0010	11F	224WB+25	61.9'LT	USH 2, WB	-	-	1	-	-	-	-	-	-	-	-	-	1	1
0010	13	227WB+99	95.2'LT	USH 2, WB	-	-	1	-	-	-	-	-	-	-	-	-	1	1
0010	13A	227WB+79	54.2'LT	USH 2, WB	-	-	-	-	-	-	-	-	1	-	-	1	-	1
0010	13D	226WB+61	72.7'LT	USH 2, WB	-	-	-	-	-	-	-	-	-	-	1	1	-	1
0010	14	228WB+56	18'LT	USH 2, WB	-	-	-	-	1	-	-	-	-	-	1	-	-	1
0010	14A	228WB+79	2'RT	USH 2, WB	-	-	-	-	1	-	-	-	1	-	-	-	-	1
				STAGE 2 SUBTOTALS	0	0	2	0	3	0	0	0	3	0	4	3	2	9
STAGE 3																		
0010	1	114SB+74	2'RT	USH 51, SB	-	-	-	-	1	-	-	-	1	-	-	-	-	1
0010	1A	114NB+69	2'LT	USH 51, NB	-	-	-	-	1	-	-	-	-	-	1	-	-	1
0010	2	115SB+37	2'RT	USH 51, SB	-	-	-	-	1	-	-	-	1	-	-	-	-	1
0010	3	115SB+91	2'RT	USH 51, SB	-	-	-	-	1	-	-	-	1	-	-	-	-	1
0010	4	116SB+08	2'RT	USH 51, SB	-	-	-	-	1	-	-	1	-	-	-	-	-	1
0010	4A	116NB+00	18'RT	USH 51, NB	-	-	-	-	1	-	-	-	-	-	1	-	-	1
0010	4B	115NB+89	2'LT	USH 51, NB	-	-	-	-	1	-	-	-	-	-	1	-	-	1
0010	5	116SB+38	18'LT	USH 51, SB	-	-	-	-	1	-	1	-	-	-	-	-	-	1
0010	5A	116SB+80	9.5'RT	USH 51, SB	-	-	-	-	1	-	-	-	-	-	1	-	-	1
0010	6	116SB+29	88.1'LT	USH 51, SB	-	-	-	1	-	-	-	-	-	-	-	-	1	1
0010	7	114NB+85	37.4'RT	USH 51, NB	-	-	-	-	1	-	-	-	-	-	1	-	-	1
0010	7A	114NB+86	77.5'RT	USH 51, NB	1	-	-	-	-	-	-	-	-	-	-	-	1	1
0010	8	116NB+16	50.1'RT	USH 51, NB	-	-	-	-	1	-	-	-	-	-	1	-	-	1
0010	8A	116NB+02	68.7'RT	USH 51, NB	-	-	-	-	1	-	-	-	-	-	1	-	-	1
0010	8B	116NB+66	110.1'RT	USH 51, NB	-	1	-	-	-	-	-	-	-	-	-	-	1	1
0010	9	225EB+10	54.2'RT	USH 2, EB	-	-	-	-	1	-	-	-	-	-	1	-	-	1
0010	9A	225EB+13	76.2'RT	USH 2, EB	-	-	-	-	1	-	-	-	-	-	1	-	-	1
0010	9B	224EB+24	116.8'RT	USH 2, EB	-	1	-	-	-	-	-	-	-	-	-	-	1	1
0010	10	223EB+82	17'RT	USH 2, EB	-	-	-	-	1	-	-	-	-	-	1	-	-	1
0010	10A	223EB+81	25.6'RT	USH 2, EB	-	-	-	-	1	-	-	-	-	-	1	-	-	1
0010	10B	223EB+75	44.3'RT	USH 2, EB	-	-	-	-	1	-	-	-	-	-	1	-	-	1
0010	10C	223EB+59	75.1'RT	USH 2, EB	-	1	-	-	-	-	-	-	-	-	-	-	1	1
0010	11	1CC+00	2'LT	ROUNDABOUT	-	-	-	-	-	1	-	-	-	1	-	-	-	1
0010	11A	1CC+10	2'LT	ROUNDABOUT	-	-	-	-	-	1	-	-	-	1	-	-	-	1
0010	11B	225WB+24	12.4'RT	USH 2, WB	-	-	-	-	1	-	-	-	1	-	-	-	-	1
0010	12	226WB+73	6.4'RT	USH 2,WB	-	-	-	-	1	-	-	-	-	-	1	-	-	1
0010	12A	227EB+53	18.7'RT	USH 2, EB	-	-	-	-	1	-	-	-	-	-	1	-	-	1
0010	12B	227EB+53	23.9'RT	USH 2, EB	-	-	-	-	1	-	-	-	-	-	1	-	-	1
0010	12C	227EB+56	45.5'RT	USH 2, EB	-	-	-	-	1	-	-	-	1	-	-	-	-	1
0010	12D	226EB+91	23.6'RT	USH 2, EB	-	-	-	-	1	-	-	-	-	-	1	-	-	1

STORM SEWER STRUCTURES AND COVERS (CONTINUED)

					APRON ENDWALLS REINFORCED CONCRETE				INLET COVERS		MANHOLES		INLETS					
					522.1012	522.1015	522.1018	522.1024	611.0627	611.0652	611.2005	611.2006	611.3004	611.3225	611.3230	611.8120.S	633.5200	650.4000
					12-INCH	15-INCH	18-INCH	24-INCH	TYPE HM	TYPE T	5-FT DIA	6-FT DIA	4-FT DIA	2X2.5-FT	2X3-FT	COVER PLATES TEMPORARY	MARKERS CULVERT END	CONSTRUCTION STAKING STORM SEWER
CATEGORY	STRUCTURE	STATION	OFFSET	LOCATION	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
0010	12E	227EB+72	99.3' RT	USH 2, EB	-	-	1	-	-	-	-	-	-	-	-	-	1	1
0010	13B	228EB+39	36.3' RT	USH 2, EB	-	-	-	-	1	-	-	-	1	-	-	-	-	1
0010	13C	228EB+53	75.0' RT	USH 2, EB	-	-	-	1	-	-	-	-	-	-	-	-	1	1
0010	14B	228EB+76	2' LT	USH 2, EB	-	-	-	-	1	-	-	-	1	-	-	-	-	1
0010	14C	228EB+60	34.3' RT	USH 2, EB	-	-	-	-	1	-	-	-	1	-	-	-	-	1
				STAGE 3 SUBTOTALS	1	3	1	2	26	2	1	1	8	2	16	0	7	35
STAGE 4																		
0010	11D	224WB+26	18' LT	USH 2, WB	-	-	-	-	1	-	-	-	-	-	-	-	-	-
0010	11E	224WB+25	24.2' LT	USH 2, WB	-	-	-	-	1	-	-	-	-	-	-	-	-	-
0010	13A	227WB+79	54.2' LT	USH 2, WB	-	-	-	-	1	-	-	-	-	-	-	-	-	-
0010	13D	226WB+61	72.7' LT	USH 2, WB	-	-	-	-	1	-	-	-	-	-	-	-	-	-
					0	0	0	0	4	0	0	0	0	0	0	0	0	0
				TOTAL 0010	1	3	3	2	33	2	1	1	11	2	20	3	9	44

GUARDRAIL ITEMS

					STEEL THRIE BEAM			STEEL PLATE TEMPORARY		MGS GUARDRAIL		
					614.0200	614.0220	614.0230	614.0360	614.0380	614.2300	614.2500	614.2610
					STEEL THRIE BEAM STRUCTURE APPROACH	STEEL THRIE BEAM BULLNOSE TERMINAL	STEEL THRIE BEAM	STEEL PLATE BEAM GUARD TEMPORARY	STEEL PLATE BEAM GUARD ENERGY ABSORBING TERMINAL TEMPORARY	MGS GUARDRAIL 3	MGS THRIE BEAM TRANSITION	MGS GUARDRAIL TERMINAL EAT
CATEGORY	STATION	TO	STATION	LOCATION	LF	EACH	LF	LF	EACH	LF	LF	EACH
STAGE 2												
0010				USH 2, EB, LT	-	-	-	112.5	1	-	-	-
					0	0	0	112.5	1	0	0	0
STAGE 3												
0010	230EB+18	-	231EB+59	USH 2, EB, RT	-	-	-	-	-	50	39.4	1
				STAGE 3 SUBTOTALS	0	0	0	0	0	50	39.4	1
STAGE 4												
0010	230EB+67	-	231EB+35	USH 2, MEDIAN	35	1	10	-	-	-	-	-
				STAGE 4 SUBTOTALS	35	1	10	0	0	0	0	0
				TOTAL 0010	35	1	10	113	1	50	39	1

NOTE: PAY LIMITS FOR WESTBOUND BULLNOSE GUARDRAIL STRUCTURE APPROACH DOES NOT INCLUDE THE TRANSITION SECTION SHOWN IN THE STANDARD DETAIL DRAWING.

SILT FENCE

CATEGORY	STATION	TO	STATION	LOCATION	628.1504 SILT FENCE LF	628.1520 MAINTENANCE LF
STAGE 1						
0010	19TRN+50	-	25TRN+50	USH 51 TEMPORARY BYPASS	600	600
0010				UNDISTRIBUTED	150	150
				STAGE 1 SUBTOTALS	750	750
STAGE 2						
0010	199WB+00	-	205WB+50	USH 2, WB, LT	650	650
0010	216WB+50	-	220WB+75	USH 2, WB, LT	550	550
0010	121XWR+50	-	126XWR+00	EXISTING USH 2 WB EXIT RAMP	400	400
0010				UNDISTRIBUTED	400	400
				STAGE 2 SUBTOTALS	2,000	2,000
STAGE 3						
0010	195EB+65	-	216EB+75	USH 2, EB, RT	2,120	2,120
0010	219EB+00	-	114SB+00	RAB SW SLIP LANE, RT	675	675
0010	113NB+50	-	229EB+30	RAB SE SLIP LANE, RT	290	290
0010	230EB+00	-	231EB+25	USH 2, EB, RT	140	140
0010				UNDISTRIBUTED	775	775
				STAGE 3 SUBTOTALS	4,000	4,000
STAGE 4						
0010		-		UNDISTRIBUTED	250	250
				STAGE 4 SUBTOTALS	250	250
				TOTAL 0010	7,000	7,000

EROSION CONTROL MOBILIZATIONS

CATEGORY	LOCATION	628.1905 EROSION CONTROL EACH	628.1910 EMERGENCY EROSION CONTROL EACH
STAGE 1			
0010	PROJECT LIMITS	3	3
	STAGE 1 SUBTOTALS	3	3
STAGE 2			
0010	PROJECT LIMITS	3	3
	STAGE 2 SUBTOTALS	3	3
STAGE 3			
0010	PROJECT LIMITS	5	3
	STAGE 3 SUBTOTALS	5	3
STAGE 4			
0010	PROJECT LIMITS	3	2
	STAGE 4 SUBTOTALS	3	2
	TOTAL 0010	14	11

INLET PROTECTION

CATEGORY	STATION	LOCATION	628.7005 TYPE A EACH	628.7010 TYPE B EACH	628.7015 TYPE C EACH
STAGE 1					
0010	11TRN+80	USH 51 TEMPORARY ROAD, RT	1	1	-
0010	15TRN+50	USH 51 TEMPORARY ROAD, LT	1	-	1
0010	183EB+88	USH 2, EB, LT	1	1	-
0010	215EB+47	USH 2, EB, LT	1	1	-
0010		UNDISTRIBUTED	-	2	4
		STAGE 1 SUBTOTALS	4	5	5
STAGE 2					
0010	197EB+00	USH 2, EB, LT	1	-	-
0010	203EB+00	USH 2, EB, LT	1	-	-
0010		STORM SEWER - WB BYPASS LANE	7	-	3
		STAGE 2 SUBTOTALS	9	0	3
STAGE 3					
0010		STORM SEWER - ROUNDABOUT	28	-	28
		STAGE 3 SUBTOTALS	28	0	28
STAGE 4					
0010		STORM SEWER - WB BYPASS LANE	4	-	4
		STAGE 4 SUBTOTALS	4	0	4
		TOTAL 0010	45	5	40

TEMPORARY DITCH CHECKS

CATEGORY	STATION	TO	STATION	LOCATION	628.7504 LF
STAGE 1					
0010	8TRN+00	-	21 TRN+50	USH 51 TEMPORARY BYPASS, LT & RT	50
0010				UNDISTRIBUTED	20
				STAGE 1 SUBTOTAL	70
STAGE 2					
0010	188WB+00	-	214WB+00	USH 2, MEDIAN	100
0010	205WB+00	-	229WB+00	USH 2, WB, LT	80
0010				UNDISTRIBTUED	50
				STAGE 2 SUBTOTAL	230
STAGE 3					
0010	109NB+00	-	230EB+25	USH 51, NB - USH 2, EB, RT	100
0010	217EB+00	-	227EOT+00	USH 2, EB - USH 51, SB, RT	90
0010				UNDISTRIBUTED	50
				STAGE 3 SUBTOTAL	240
STAGE 4					
0010	109NB+00	-	115SB+50	USH 51, SB, LT	70
0010				UNDISTRIBUTED	20
				STAGE 4 SUBTOTAL	90
				TOTAL 0010	630

CULVERT PIPE CHECKS

CATEGORY	STATION	TO	STATION	LOCATION	628.7555 EACH
STAGE 1					
0010	24TRN+00	-	27TRN+00	USH 51 TEMPORARY BYPASS, RT	6
0010	185WB+00			USH 2, MEDIAN	3
0010	219EB+00			USH 2, MEDAIN	3
0010				UNDISTRIBUTED	3
				STAGE 1 SUBTOTAL	15
STAGE 2					
0010	188WB+00	-	192WB+00	USH 2, MEDIAN	6
0010	227WBT+50			USH 2, WB BYPASS, LT	3
0010				UNDISTRIBUTED	6
				STAGE 2 SUBTOTAL	15
STAGE 3					
0010				UNDISTRIBUTED	10
				STAGE 3 SUBTOTAL	10
STAGE 4					
0010	108NB+35			USH 51, NB, LT	3
0010				UNDISTRIBUTED	2
				STAGE 4 SUBTOTAL	5
				TOTAL 0010	45

TRACKING PADS

CATEGORY	LOCATION	628.7560 EACH
STAGE 1		
0010	USH 2	1
0010	USH 51	1
	STAGE 1 SUBTOTAL	2
STAGE 2		
0010	USH 2	1
0010	USH 51	1
	STAGE 2 SUBTOTAL	2
STAGE 3		
0010	USH 2	1
0010	USH 51	1
0010	WASTE SITE	1
	STAGE 3 SUBTOTAL	3
STAGE 4		
0010	UNDISTRIBUTED - ALL STAGES	1
	STAGE 4 SUBTOTAL	1
	TOTAL 0010	8

ROCK BAGS

CATEGORY	STATION	LOCATION	628.7570 EACH
STAGE 1			
0010		UNDISTRIBUTED	10
		STAGE 1 SUBTOTAL	10
STAGE 2			
0010	199WB+25	USH 2, WB, LT	5
0010	201WB+75	USH 2, WB, LT	5
0010		UNDISTRIBUTED	10
		STAGE 2 SUBTOTAL	20
STAGE 3			
0010	115NB+75	RAB SE SLIP LANE, RT	5
0010		UNDISTRIBUTED	10
		STAGE 3 SUBTOTAL	15
STAGE 4			
0010	221EB+00	RAB SW SLIP LANE, RT	5
0010	115SB+75	RAB SW SLIP LANE, RT	5
0010		UNDISTRIBUTED	5
		STAGE 4 SUBTOTAL	15
		TOTAL 0010	60

ROUNDABOUT LANDSCAPING

				SHRUBS	PERENNIALS					
CATEGORY	LOCATION	625.0105 TOPSOIL CY	632.9101 LANDSCAPE PLANTING SURVEILLANCE AND CARE CYCLES EACH	632.0201.01 VIBURNUM PRUINFOLIUM, 48" HT, BLACKHAW VIBURNUM EACH	SPV.0060.30 LITTLE BLUESTEM, CG, #1 EACH	SPV.0060.31 PRAIRIE BLAZING STAR, CG, #1 EACH	SPV.0060.32 PRAIRIE DROP SEED, CG, #1 EACH	SPV.0060.33 SHOWY GOLDENROD, CG, #1 EACH	SPV.0165.01 STONE MULCH EPOXIED SF	SPV.0165.02 WEED BARRIER SF
STAGE 3										
0010	RAB CIRCLE	33	10	3	65	46	287	47	1,383	1,383
	TOTAL 0010	33	10	3	65	46	287	47	1,383	1,383

3

LANDSCAPING ITEMS

CATEGORY	STATION	TO	STATION	LOCATION	625.0100 TOPSOIL SY	627.0200 MULCHING SY	628.2004 EROSION MAT CLASS I TYPE B SY	628.2006 EROSION MAT URBAN CLASS I TYPE A SY	628.2027 EROSION MAT CLASS II TYPE C SY	629.0210 FERTILIZER TYPE B CWT	630.0120 SEEDING MIXTURE NO. 20 LB	630.0140 SEEDING MIXTURE NO. 40 LB	630.0200 SEEDING TEMPORARY LB	630.0500 SEED WATER MGAL	REMARKS
STAGE 1															
0010	9TRN+03	-	27TRN+00	USH 51 TEMPORARY BYPASS	2,730	2,385	345	-	-	1.8	-	-	75	35	
0010	182WB+25	-	186WB+25	USH 2, WB, RT	275	-	275	-	-	0.2	-	-	10	5	TEMPORARY SHOULDER WIDENING
0010	211EB+50	-	220EB+92	USH 2, EB, MEDIAN	835	835	-	-	-	0.6	-	-	25	10	TEMPORARY BYPASS LANE AND TURN LANE
0010				UNDISTRIBUTED	770	645	125	-	-	0.6	-	-	25	10	
				STAGE 1 SUBTOTALS	4,610	3,865	745	0	0	3.2	0	0	135	60	
STAGE 2															
0010	112+24	-	129+64	EXISTING USH 51 NB EXIT RAMP	7,845	7,845	-	-	-	5.0	215	-	-	90	OBLITERATED ROAD
0010	199WB+00	-	206WB+75	USH 2, WB, LT	2,290	-	2,120	-	170	1.5	65	-	-	30	
0010	213WB+25	-	230WB+75	USH 2, WB, LT	3,950	-	2,390	-	1,560	2.5	110	-	-	45	
0010	121XWR+50	-	126XWR+00	EXISTING USH 2 WB EXIT RAMP	3,510	3,175	-	-	335	2.3	95	-	-	40	
0010				UNDISTRIBUTED	3,525	2,205	905	-	415	2.3	100	-	15	45	
				STAGE 2 SUBTOTALS	21,120	13,225	5,415	0	2,480	13.6	585	0	15	250	
STAGE 3															
0010	108NB+36	-	231EB+25	USH 51, NB - USH 2, EB, RT	6,345	1,295	3,580	320	1,150	4.0	165	10	-	145	
0010	230EB+75	-	231EB+25	USH 2, LT MEDIAN	85	-	85	-	-	0.1	5	-	-	5	
0010	196EB+00	-	216EB+50	USH 2, EB, RT	4,705	-	4,705	-	-	3.0	130	-	-	110	
0010	218EB+25	-	223EB+25	USH 2, EB, LT MEDIAN	1,000	-	470	-	530	0.7	30	-	-	25	
0010	218EB+25	-	227EOT+00	USH 2, EB - USH 51, SB, RT	4,625	-	3,385	360	880	3.0	115	10	-	105	
0010	108NB+36	-	113NB+44	USH 51, NB, RT	-	-	-	-	-	0.4	15	-	-	-	SHOUDLER GRAVEL
0010	183EB+00	-	216EB+50	USH 2, EB, LT & RT	-	-	-	-	-	7.1	305	-	-	-	SHOUDLER GRAVEL
0010	218EB+25	-	222EB+32	USH 2, EB, LT & RT	-	-	-	-	-	0.5	25	-	-	-	SHOUDLER GRAVEL
0010	229EB+25	-	231EB+19	USH 2, EB, LT & RT	-	-	-	-	-	0.3	10	-	-	-	SHOUDLER GRAVEL
0010				WASTE SITE	-	11,800	-	-	-	7.5	320	-	-	-	FOR ALL STAGES
0010				UNDISTRIBUTED	3,360	260	2,445	140	515	2.2	90	5	-	80	
				STAGE 3 SUBTOTALS	20,120	13,355	14,670	820	3,075	28.8	1,210	25	0	470	
STAGE 4															
0010	9TRN+03	-	28TRN+00	USH 51 TEMPORARY BYPASS	15,175	-	14,225	115	835	9.6	410	5	-	175	INCLUDING EXISTING EXIT RAMP REMOVAL
0010	108NB+36	-	115SB+30	USH 51, SB, LT	-	-	-	-	-	0.5	20	-	-	-	SHOULDER GRAVEL
0010	165EB+35	-	183EB+00	USH 2, EB, LT & RT	-	-	-	-	-	1.3	55	-	-	-	SHOULDER GRAVEL
0010	165EB+35	-	216WB+50	USH 2, WB, LT & RT	-	-	-	-	-	9.2	395	-	-	-	SHOULDER GRAVEL
0010	216EB+50	-	218EB+25	USH 2, EB, LT & RT	-	-	-	-	-	0.3	10	-	-	-	SHOULDER GRAVEL
0010	216WB+50	-	231WB+10	USH 2, WB, LT & RT	-	-	-	-	-	1.4	60	-	-	-	SHOULDER GRAVEL
0010				UNDISTRIBUTED	3,095	55	2,845	25	170	2.1	90	-	-	35	
				STAGE 4 SUBTOTALS	18,270	55	17,070	140	1,005	24.4	1,040	5	0	210	
				TOTAL 0010	64,120	30,500	37,900	960	6,560	70.0	2,835	30	150	990	

ERECTION OF TYPE II SIGNS AND SUPPORTS

CATEGORY	SIGN NO.	LOCATION	SIGN CODE	W		H	634.0412 12-FT EACH	634.0614 14-FT EACH	634.0616 16-FT EACH	634.0618 18-FT EACH	634.0620 20-FT EACH	634.0814 14- FT EACH	637.2210 REFLECTIVE H SF	637.2230 REFLECTIVE F SF	REMARKS
0010	1	USH 2, E. OF CTH D	W6-1	36"	X	36"	---	1	---	---	---	---	---	9.00	
0010	2	"	W6-3	36"	X	36"	---	1	---	---	---	---	---	9.00	
0010	3	USH 2 WBND., E. OF CTH D	R5-1	30"	X	30"	---	1	---	---	---	---	6.25	---	
0010	4	USH 2 EBND. MEDIAN, E. OF CTH D	R4-7	24"	X	30"	---	1	---	---	---	---	5.00	---	
0010	5	USH 2 WBND., W. OF CENTER DR.	R5-1A	36"	X	24"	---	1	---	---	---	---	6.00	---	
0010	6	"	W6-2	36"	X	36"	---	---	---	---	---	---	---	9.00	MOUNT ON BACK OF SIGN #5
0010	7	USH 2 WBND., W. OF CENTER DR.	R6-2L	24"	X	30"	---	1	---	---	---	---	5.00	---	
0010	8	"	D1-61	60"	X	24"	---	1	1	---	---	---	---	10.00	SEE SIGN DETAIL
0010	9	"	R6-2L	24"	X	30"	---	1	---	---	---	---	5.00	---	
0010	10	CENTER DR.	R6-2L	24"	X	30"	---	1	---	---	---	---	5.00	---	
0010	11	"	R1-1	30"	X	30"	---	1	---	---	---	---	5.18	---	
0010	12	CENTER DR., USH 2 MEDIAN	R1-1	30"	X	30"	---	---	1	---	---	---	5.18	---	
0010	12A	"	R3-1	24"	X	24"	---	---	---	---	---	---	4.00	---	MOUNT BELOW SIGN #12
0010	13	"	R1-1	30"	X	30"	---	---	1	---	---	---	5.18	---	
0010	13A	"	R3-1	24"	X	24"	---	---	---	---	---	---	4.00	---	MOUNT BELOW SIGN #13
0010	14	CENTER DR.	R1-1	30"	X	30"	---	1	---	---	---	---	5.18	---	
0010	15	"	R6-2L	24"	X	30"	---	1	---	---	---	---	5.00	---	
0010	16	USH 2 EBND., E. OF CENTER DR.	J1-1	24"	X	39"	---	1	---	---	---	---	6.50	---	SEE PLAN SHEET
0010	17	"	SPECIAL	66"	X	36"	---	1	1	---	---	---	16.50	---	SEE SIGN DETAIL
0010	18	USH 2 WBND., E. OF CENTER DR.	D1-61	60"	X	24"	---	1	1	---	---	---	10.00	---	SEE SIGN DETAIL
0010	19	"	R2-1	24"	X	30"	---	1	---	---	---	---	5.00	---	55 MPH
0010	20	USH 2 EBND., W. OF USH 51	J1-1	24"	X	39"	---	1	---	---	---	---	6.50	---	SEE PLAN SHEET
0010	21	"	W2-6	30"	X	30"	---	---	1	---	---	---	---	9.00	
0010	21A	"	W13-1	18"	X	18"	---	---	---	---	---	---	---	2.25	MOUNT BELOW SIGN #21
0010	22	"	D1-62	72"	X	66"	---	---	---	1	1	---	33.00	---	SEE SIGN DETAIL
0010	23	"	W3-2	36"	X	36"	---	1	---	---	---	---	---	9.00	
0010	24	"	D1-1	78"	X	15"	---	2	---	---	---	---	8.13	---	SEE SIGN DETAIL
0010	25	USH 2 WBND., W. OF USH 51	R2-1	24"	X	30"	---	1	---	---	---	---	5.00	---	55 MPH
0010	26	"	J4-1	24"	X	36"	---	1	---	---	---	---	6.00	---	SEE PLAN SHEET
0010	27	USH 2 EBND., W. OF USH 51	R3-8DD	36"	X	30"	---	1	---	---	---	---	7.50	---	
0010	28	"	R3-8DD	36"	X	30"	---	1	---	---	---	---	7.50	---	
0010	29	USH 2 EBND., SPLITTER ISLAND	W12-1D	24"	X	24"	1	---	---	---	---	---	---	4.00	
0010	30	VACANT	---	-	-	-	---	---	---	---	---	---	---	---	
0010	31	USH 2 EBND., MEDIAN AT RAB	R1-2	36"	X	31"	---	---	1	---	---	---	3.88	---	
0010	31A	"	R6-2R	24"	X	30"	---	---	---	---	---	---	5.00	---	MOUNT BELOW SIGN #31
0010	32	"	D1-1	42"	X	30"	---	1	---	---	---	---	8.75	---	SEE SIGN DETAIL
0010	33	IN ROUNDABOUT CENTER CIRCLE	R6-1R	54"	X	18"	---	2	---	---	---	---	6.75	---	
0010	33A	"	R6-4B	60"	X	24"	---	---	---	---	---	---	10.00	---	MOUNT BELOW SIGN #33
0010	34	"	R6-1R	54"	X	18"	---	2	---	---	---	---	6.75	---	
0010	34A	"	R6-4B	60"	X	24"	---	---	---	---	---	---	10.00	---	MOUNT BELOW SIGN #34
0010	35	"	R6-1R	54"	X	18"	---	2	---	---	---	---	6.75	---	
0010	35A	IN ROUNDABOUT CENTER CIRCLE	R1-2	60"	X	24"	---	---	---	---	---	---	10.00	---	MOUNT BELOW SIGN #35
0010	36	USH 2 WBND. BYPASS ISLAND	R1-2	36"	X	31"	---	1	---	---	---	1.00	3.88	---	
0010	36A	"	R1-54	24"	X	15"	---	---	---	---	---	---	2.50	---	MOUNT BELOW SIGN #36
0010	37	USH 2 EBND. MEDIAN, E. OF ROUNDABOUT	R1-2	36"	X	31"	---	---	1	---	---	---	3.88	---	

ERECTION OF TYPE II SIGNS AND SUPPORTS (CONTINUED)

							POSTS WOOD 4X6-INCH					POSTS TUBULAR STEEL 2X2-INCH	SIGNS TYPE II		
							634.0614	634.0614	634.0616	634.0618	634.0620	634.0814	637.2210	637.2230	
							12-FT	14-FT	16-FT	18-FT	20-FT	14- FT	REFLECTIVE H	REFLECTIVE F	
CATEGORY	SIGN NO.	LOCATION	SIGN CODE	W	X	H	EACH	EACH	EACH	EACH	EACH	EACH	SF	SF	REMARKS
0010	37A	"	R6-2R	24"	X	30"	---	---	---	---	---	---	5.00	---	MOUNT BELOW SIGN #37
0010	38	"	D1-1	42"	X	30"	---	1	---	---	---	---	8.75	---	SEE SIGN DETAIL
0010	38A	VACANT	---	-	-	-	---	---	---	---	---	---	---	---	
0010	39	USH 2 WBND. BYPASS ISLAND	W12-1D	24"	X	24"	1	---	---	---	---	---	---	4.00	
0010	40	USH 2 WBND., E. OF USH 51	D1-1	78"	X	15"	---	2	---	---	---	---	8.13	---	SEE SIGN DETAIL
0010	41	"	R6-2L	24"	X	30"	---	1	---	---	---	---	5.00	---	
0010	42	"	I2-2	60"	X	15"	---	1	1	---	---	---	6.25	---	SEE SIGN DETAIL
0010	43	"	R3-8DD	36"	X	30"	---	---	---	---	---	---	7.50	---	MOUNT BELOW SIGN #42
0010	44	USH 2 EBND., E. OF USH 51	R6-2L	24"	X	30"	---	---	1	---	---	---	5.00	---	
0010	45	"	J4-2	48"	X	36"	---	1	---	---	---	---	12.00	---	SEE PLAN SHEET
0010	46	USH 2 MEDIAN, E. OF USH 51	R3-8DD	36"	X	30"	---	---	---	---	---	---	7.50	---	
0010	47	"	W3-2	36"	X	36"	---	1	---	---	---	---	---	9.00	
0010	47A	USH 2 WBND., E. OF USH 51	W3-2	36"	X	36"	---	1	---	---	---	---	---	9.00	
0010	48	USH 2 WBND., E. OF USH 51	SPECIAL	66"	X	36"	---	---	1	1	---	---	16.50	---	SEE SIGN DETAIL
0010	49	"	D1-62	72"	X	66"	---	---	---	1	1	---	33.00	---	SEE SIGN DETAIL
0010	50	"	W2-6	30"	X	30"	---	---	1	---	---	---	---	6.25	
0010	50A	"	W13-1	18"	X	18"	---	---	---	---	---	---	---	2.25	15 MPH, MOUNT BELOW SIGN #50
0010	51	VACANT	---	-	-	-	---	---	---	---	---	---	---	---	
0010	52	USH 51, S. OF USH 2	J1-1	24"	X	39"	---	1	---	---	---	---	6.50	---	SEE PLAN SHEET
0010	53	"	W2-6	30"	X	30"	---	---	1	---	---	---	---	6.25	
0010	53A	"	W13-1	18"	X	18"	---	---	---	---	---	---	---	2.25	15 MPH, MOUNT BELOW SIGN 53
0010	54	"	R2-1	24"	X	30"	---	1	---	---	---	---	5.00	---	45 MPH
0010	55	"	D1-62	96"	X	42"	---	---	---	1	1	---	28.00	---	SEE SIGN DETAIL
0010	56	"	SPECIAL	66"	X	24"	---	1	1	---	---	---	11.00	---	SEE SIGN DETAIL
0010	57	"	W3-2	36"	X	36"	---	1	---	---	---	---	---	9.00	
0010	58	USH 51 MEDIAN, S. OF ROUNDABOUT	R4-7	24"	X	30"	---	1	---	---	---	---	5.00	---	
0010	59	USH 51, S. OF ROUNDABOUT	R2-1	24"	X	30"	---	1	---	---	---	---	5.00	---	55 MPH
0010	60	"	R3-8DD	36"	X	30"	---	1	---	---	---	---	7.50	---	
0010	61	USH 51 SPLITTER ISLAND MEDIAN, S. OF ROUNDABOUT	W12-1D	24"	X	24"	1	---	---	---	---	---	---	4.00	
0010	62	USH 51 MEDIAN, S. OF ROUNDABOUT	R1-2	36"	X	31"	---	---	1	---	---	---	3.88	---	
0010	62A	"	R6-2R	24"	X	30"	---	---	---	---	---	---	5.00	---	MOUNT BELOW SIGN #62
0010	63	USH 51 SPLITTER ISLAND, S. OF ROUNDABOUT	R1-2	36"	X	31"	---	---	---	---	---	1	3.88	---	
0010	63A	USH 51 SPLITTER ISLAND, S. OF ROUNDABOUT	R1-54A	24"	X	15"	---	---	---	---	---	---	2.50	---	
0010	64	USH 51 MEDIAN, S. OF ROUNDABOUT	D1-1	42"	X	30"	---	1	---	---	---	---	8.75	---	
0010	65	USH 51 SPLITTER ISLAND, W. OF ROUNDABOUT	R1-2	36"	X	31"	---	---	---	---	---	1	3.88	---	
0010	65A	"	R1-54	24"	X	15"	---	---	---	---	---	---	2.50	---	
			TOTAL 0010				3	48	15	4	3	3	468.75	113.25	

REMOVING TYPE II SIGNS AND SUPPORTS

CATEGORY	SIGN NO.	LOCATION	SIGN CODE	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	REMARKS
0010	200	USH 2, E. OF CTH D	W6-1	1	1	
0010	201	"	W6-3	1	1	
0010	202	"	W6-1	1	1	
0010	203	"	R5-1	1	1	
0010	204	"	W6-2	1	1	REMOVE R4-1 ALSO
0010	205	USH 2 MEDIAN, E. OF CTH D	R4-7	1	1	
0010	206	USH 2, E. OF CTH D	R5-1A	1	1	
0010	207	USH 2 MEDIAN, E. OF CTH D	W14-3	1	1	
0010	208	USH 2, E. OF CTH D	R4-1	1	1	
0010	209	USH 2 EBND., W. OF CENTER DR.	R6-2L	1	1	
0010	210	USH 2 MEDIAN, W. OF CENTER DR.	R1-1	1	1	REMOVE R3-1 ALSO
0010	211	"	R1-1	1	1	REMOVE R3-1 ALSO
0010	212	USH 2 EBND., W. OF CENTER DR.	M1-94	1	2	
0010	213	USH 2 MEDIAN, W. OF CENTER DR.	R1-1	1	1	REMOVE R3-1 ALSO
0010	214	USH 2 EBND., W. OF CENTER DR.	R6-2L	1	1	
0010	215	USH 2 MEDIAN, W. OF CENTER DR.	R1-1	1	1	REMOVE R3-1 ALSO
0010	216	USH 2 WBND., W. OF CENTER DR.	W4-2L	1	1	REMOVE FROM TRAFFIC SIGNAL
0010	217	"	W4-2L	1	1	"
0010	218	"	R6-2R	1	1	
0010	219	CENTER DR.	R6-2L	1	1	
0010	220	"	R1-1	1	1	REMOVE R3-1 ALSO
0010	221	"	R1-1	1	1	
0010	222	"	R1-1	1	1	
0010	223	"	R1-1	1	1	REMOVE R3-1 ALSO
0010	224	"	R6-2L	1	1	
0010	225	USH 2 EBND., E. OF CENTER DR.	J1-1	1	1	
0010	226	"	D5-2	1	2	
0010	227	USH 2 WBND., E. OF CENTER DR.	D1-60	1	2	
0010	228	USH 2 WBND., E. OF CENTER DR.	R2-1	1	1	
0010	229	USH 2 EBND., E. OF CENTER DR.	J2-2	1	1	
0010	230	"	D5-	1	2	
0010	231	"	D1-3	1	2	
0010	232	USH 2 WBND., W. OF USH 51	W4-1R	1	1	
0010	233	USH 2 EBND., W. OF USH 51	R1-2	1	1	
0010	234	"	J2-3	1	2	
0010	235	"	J3-1	1	1	
0010	236	USH 2 EXIT RAMP TO USH 51	W3-2	1	1	
0010	237	"	W3-5	1	1	
0010	238	USH 2 EBND., AT USH 51	W4-1R	1	1	
0010	239	USH 51 OVERPASS BRIDGE	W5-51L	1	1	

REMOVING TYPE II SIGNS AND SUPPORTS (CONTINUED)

CATEGORY	SIGN NO.	LOCATION	SIGN CODE	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	REMARKS
0010	240	USH 2 EXIT RAMP TO USH 51	R1-2	1	1	
0010	241	USH 51 ENTRANCE RAMP	W1-8	1	1	
0010	242	"	W1-8	1	1	
0010	243	"	W1-8	1	1	
0010	244	"	W1-8	1	1	
0010	245	"	W1-8	1	1	
0010	246	"	W1-8	1	1	
0010	247	USH 2 WBND., W. OF USH 51	J13-1	1	1	
0010	248	USH 51 ENTRANCE RAMP	W1-8	1	1	
0010	249	"	W13-3	1	1	
0010	250	"	J3-1	1	1	
0010	251	"	W13-3	1	1	
0010	252	"	W3-5	1	1	REMOVE R5-1A ALSO
0010	253	VACANT	---	---	---	
0010	254	USH 51 ENTRANCE RAMP	R5-1	1	1	
0010	255	"	W1-8	1	1	
0010	256	"	R3-2	1	1	REMOVE R4-7 ALSO
0010	257	USH 2 ENTRANCE RAMP	R2-1	1	1	
0010	258	USH 51 ENTRANCE RAMP	R3-2	1	1	REMOVE R4-7 ALSO
0010	259	USH 2 ENTRANCE RAMP	J3-1	1	1	
0010	260	USH 51 ENTRANCE RAMP	W6-3	1	1	
0010	261	USH 51, N. OF USH 2	R2-1	1	1	
0010	262	"	R2-1	1	1	
0010	263	"	R4-52R	1	1	
0010	264	"	R4-52R	1	1	
0010	265	"	R2-1	1	1	
0010	266	USH 2 WBND., AT USH 51	D1-3	1	2	REMOVE D5- , REST AREA RIGHT ARROW
0010	267	USH 51 OVERPASS BRIDGE	W5-52R	1	1	
0010	268	USH 2 EXIT RAMP	R5-1A	1	1	
0010	269	USH 51, S. OF USH 2	W4-1R	1	1	REMOVE W1-2L ALSO
0010	270	VACANT	---	---	---	
0010	271	USH 51, S. OF USH 2	W1-2L	1	1	
0010	272	USH 51 EXIT RAMP	R5-1A	1	1	
0010	273	"	R5-1A	1	1	
0010	274	USH 51, S. OF USH 2	R2-1	1	1	
0010	275	"	R1-2	1	1	REMOVE R5-1 ALSO
0010	276	VACANT	---	---	---	
0010	277	USH 51, S. OF USH 2	J4-2	1	1	
0010	278	USH 2 WBND., W. OF MONTREAL RIVER	SP	1	1	IRON COUNTY IS ZONED
0010	279	"	J2-3	1	1	

MOVING TYPE II SIGNS AND SUPPORTS

CATEGORY	SIGN NO.	LOCATION	638.2102 MOVING SIGNS TYPE II EACH	638.4000 MOVING SMALL SIGN SUPPORTS EACH	REMARKS
STAGE 1					
0010	401	USH 51, SOUTH OF USH 2	2	1	R5-1, R3-1, MOVE FOR TEMPORARY ROAD
0010	402	"	1	1	R1-1
0010	403	"	1	1	R1-1
0010	404	"	2	1	R5-1, R3-1, MOVE FOR TEMPORARY ROAD
		TOTAL 0010	6	4	

NOTE: REMOVE SIGNS IN STAGE 1, REINSTALL IN STAGE 4

MOVING TYPE II SIGNS AND SUPPORTS

CATEGORY	SIGN NO.	LOCATION	638.2102 MOVING SIGNS TYPE II EACH	638.4000 MOVING SMALL SIGN SUPPORTS EACH	REMARKS
STAGE 2					
0010	401	USH 51, SOUTH OF USH 2	1	1	R5-1, R3-1, MOVE FOR TEMPORARY ROAD
0010	402	"	1	1	R1-1
0010	403	"	1	1	R1-1
0010	404	"	1	1	R5-1, R3-1, MOVE FOR TEMPORARY ROAD
		STAGE 2 SUBTOTALS	4	4	
STAGE 3					
0010	400	USH 2 EB, E. OF CENTER DR	1	2	SIS, MOVE SIGN FOR CONSTRUCTION
		STAGE 3 SUBTOTALS	1	2	
STAGE 4					
0010	400	USH 2 EB, E. OF CENTER DR	1	2	SIS
0010	401	USH 51, SOUTH OF USH 2	1	1	R5-1, R3-1, MOVE FROM TEMPORARY ROAD
0010	402	"	1	1	R1-1
0010	403	"	1	1	R1-1
0010	404	"	1	1	R5-1, R3-1, MOVE FROM TEMPORARY ROAD
		STAGE 4 SUBTOTALS	5	6	
		TOTAL 0010	10	12	

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TRAFFIC CONTROL

CATEGORY	STAGE	DAYS	643.0300 DRUMS DAY	643.0420 BARRICADES TYPE III DAY	643.0500 FLEXIBLE TUBULAR MARKER POSTS EACH	643.0600 FLEXIBLE TUBULAR MARKER BASES EACH	643.0705 WARNING LIGHTS TYPE A DAY	643.0715 WARNING LIGHTS TYPE C DAY	643.0800 ARROW BOARDS DAY	643.0900 TRAFFIC CONTROL SIGNS DAY	643.0920 COVERING SIGNS TYPE II EACH	643.1050 SIGNS PCMS DAY	COMMENTS
PROJECT 1175-21-71													
0010	STAGE 1	30	9,900	600	-	-	1,200	900	30	1,230	-	28	BEFORE BEGINNING OF STAGE 1, "CONSTRUCTION TO BEGIN ON XX/XX"
0010	STAGE 2	40	7,000	2,880	180	180	3,600	2,000	80	3,600	1	28	WEEK PRIOR TO STAGE 2, "CHANGE IN TRAFFIC PATTERN TO BEGIN ON XX/XX"
0010	STAGE 3	100	20,000	5,700	170	170	7,600	3,500	200	9,100	-	28	WEEK PRIOR TO STAGE 3, "CHANGE IN TRAFFIC PATTERN TO BEGIN ON XX/XX"
0010	STAGE 4	30	7,500	30	-	-	60	-	-	570	-	28	WEEK PRIOR TO STAGE 4, "CHANGE IN TRAFFIC PATTERN TO BEGIN ON XX/XX"
0010	UNDISTRIBUTED		4,600	990	50	50	1,240	700	30	1,500	1	28	
	TOTAL 0010		49,000	10,200	400	400	13,700	7,100	340	16,000	2	140	

PAVEMENT MARKING

CATEGORY	STATION	TO	STATION	LOCATION	646.1020 MARKING LINE EPOXY 4-INCH LF	646.3020 MARKING LINE EPOXY 8-INCH LF	646.5020 MARKING ARROW EPOXY EACH	646.5120 MARKING WORD EPOXY EACH	646.6320 MARKING DOTTED EXTENSION EPOXY 18-INCH LF	646.7120 MARKING DIAGONAL EPOXY 12-INCH LF	646.7220 MARKING CHEVRON EPOXY 24-INCH LF	646.7420 MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH LF	646.8120 MARKING CURB EPOXY LF	646.8220 MARKING ISLAND NOSE EPOXY EACH
STAGE 3														
0010	108NB+36	-	116NB+00	USH 51, NB & SB	2,940	575	2	-	-	50	-	-	30	3
0010	183EB+00	-	216EB+50	USH 2, EB	6,700	-	-	-	-	-	-	-	-	-
0010	218EB+25	-	224EB+40	USH 2, EB	930	310	2	-	-	-	-	-	10	1
0010	227EB+50	-	231EB+25	USH 2, EB	450	575	-	-	-	-	-	-	10	1
0010	0CC+00	-	3CC+77	RAB CIRCLE	-	280	-	3	52	-	-	260	-	-
				STAGE 3 SUBTOTALS	11,020	1,740	4	3	52	50	0	260	50	5
STAGE 4														
0010	164EB+40	-	180EB+30	USH 2, EB & WB	5,520	-	-	-	-	170	-	-	-	-
0010	180EB+30	-	183EB+00	USH 2, EB	540	-	-	-	-	-	-	-	-	-
0010	216EB+50	-	218EB+25	USH 2, EB	350	-	-	-	-	-	-	-	-	-
0010	180WB+20	-	205WB+35	USH 2, WB	5,030	-	-	-	-	-	-	-	-	-
0010	205WB+35	-	231WB+10	USH 2, WB & WB PASSING LANE	4,840	2,750	3	-	-	-	75	35	2	20
				STAGE 4 SUBTOTALS	16,280	2,750	3	0	0	170	75	35	2	20
				TOTAL 0010	27,300	4,490	7	3	52	220	75	295	52	25

MARKING REMOVAL LINE AND TEMPORARY MARKING LINE

CATEGORY	STATION	TO	STATION	LOCATION	646.9000 4-INCH LF	646.9100 8-INCH LF	646.9200 WIDE LF	649.0120 TEMPORARY MARKING LINE EPOXY 4-INCH LF	649.0150 4-INCH LF	649.0960 MASK OUT 6-INCH LF	649.0105 4-INCH LF	649.0205 8-INCH LF	649.0505 ARROW EACH	649.0605 WORD EACH	649.0805 STOP LINE 18-INCH LF	649.0905 DIAGONAL 12-INCH LF	REMARKS
STAGE 2																	
0010	8TRN+10	-	27TRN+25	USH 51 TEMPORARY ROAD	-	-	-	-	1,200	-	7,460	-	-	-	60	205	INCULDING TEMPORARY INTERSECTION
0010	212EB+00	-	221EB+00	USH 2, EB, LT & RT	550	550	120	-	-	-	1,150	350	2	1	-	-	TEMPORARY TURN LANE AND BYPASS LANE
0010	176EB+00	-	EAST OF PROJECT LIMITS	USH 2, EB	-	-	270	-	8,700	600	9,700	-	-	-	-	-	TWO LANE, TWO WAY TRAFFIC
				STAGE 2 SUBTOTALS	550	550	390	0	9,900	600	18,310	350	2	1	60	205	
STAGE 3																	
0010	27TRN+25	-	28TRN+00	USH 51 TEMPORARY ROAD	270	-	-	-	-	-	460	50	2	-	20	90	INCLUDING TEMPORARY CROSSOVER
0010	211EB+50	-	221WB+00	USH 2, WB, LT & RT	350	550	90	-	-	-	1,300	350	2	1	-	-	TEMPORARY TURN LANE AND BYPASS LANE
0010	176EB+00	-	EAST OF PROJECT LIMITS	USH 2, WB	-	-	-	-	7,800	600	9,700	-	-	-	-	-	TWO LANE, TWO WAY TRAFFIC
				STAGE 3 SUBTOTALS	620	550	90	0	7,800	600	11,460	400	4	1	20	90	
STAGE 4																	
	164EB+40	-	175EB+20	USH 2, EB	-	-	-	1,080	-	-	-	-	-	-	-	-	FOR PLACEMENT PRIOR TO MILLING RUMBLE STRIPS
	220WBT+85	-	224WBT+20	USH 2, WB, BYPASS, RT	-	-	-	-	335	-	-	-	-	-	-	-	
0010				UNDISTRIBUTED	-	-	-	-	500	-	-	-	-	-	-	-	
					0	0	0	1,080	835	0	0	0	0	0	0	0	
				TOTAL 0010	1,170	1,100	480	1,080	18,535	1,200	29,770	750	6	2	80	295	

CONSTRUCTION STAKING

CATEGORY	STATION	TO	STATION	LOCATION	650.4500 SUBGRADE LF	650.5000 BASE LF	650.5500 CURB GUTTER AND CURB & GUTTER LF	650.7000 CONCRETE PAVEMENT LF	650.8000 RESURFACING REFERENCE LF	650.9000 CURB RAMPS EACH	650.9910.01 SUPPLEMENTAL CONTROL (1175-21-71) LS	650.9920 SLOPE STAKES LF
STAGE 1												
0010	9TRN+15	-	27TRN+10	USH 51 TEMPORARY ROAD	1,475	1,475	-	-	-	-	-	1,795
0010	182WB+28	-	186WB+58	USH 2, WB, RT	-	-	-	-	-	-	-	158
0010	213EB+11	-	220EB+92	USH 2, EB, LT	781	781	-	-	-	-	-	189
0010	165EB+35	-	216EB+50	USH 2, EB	-	-	-	-	5,115	-	-	-
0010	175WB+20	-	216WB+50	USH 2, WB	-	-	-	-	4,130	-	-	-
0010				PROJECT LIMITS	-	-	-	-	-	-	1	-
				STAGE 1 SUBTOTALS	2,256	2,256	0	0	9,245	0	1	2,142
STAGE 2												
0010	211WB+55	-	218WB+05	USH 2, WB, RT TURN LANE	650	650	-	-	-	-	-	340
0010	218WBT+95	-	230WBT+47	USH 2, WB BYPASS LANE	1,152	1,152	-	-	-	-	-	1,152
0010	216WB+50	-	224WB+40	USH 2, WB	790	790	29	103	-	-	-	90
0010	5WIN+29	-	6WIN+95	RAB NE ISLAND, LT	-	-	167	-	-	-	-	-
0010	9WIN+42	-	9WIN+60	RAB NE ISLAND, LT	-	-	19	-	-	-	-	-
0010	228WB+57	-	230WB+12	USH 2, WB	155	155	82	72	-	-	-	-
0010				PROJECT LIMITS	-	-	-	-	-	-	-	-
				STAGE 2 SUBTOTALS	2,747	2,747	297	175	0	0	0	1,582
STAGE 3												
0010	108NB+36	-	116NB+55	USH 51, NB	819	819	-	-	-	-	-	508
0010	111SB+71	-	116SB+89	USH 51, SB	518	518	-	-	-	-	-	-
0010	113NB+48	-	116NB+55	USH 51, LT, MEDIAN	-	-	735	-	-	2	-	-
0010	113NB+44	-	119NOT+62	RAB SE SLIP LANE, RT	515	515	72	468	-	2	-	618
0010	115NOT+25	-	117NOT+72	RAB SE SLIP LANE, LT ISLAND	-	-	508	90	-	4	-	-
0010	222EB+32	-	227EOT+28	RAB SW SLIP LANE, RT	471	471	150	297	-	2	-	468
0010	223EOT+81	-	226EOT+36	RAB SW SLIP LANE, LT ISLAND	-	-	344	226	-	4	-	-
0010	218EB+25	-	225EB+13	USH 2, EB	688	688	401	41	-	2	-	407
0010	224WB+40	-	225WB+38	USH 2, WB	98	98	111	-	-	-	-	-
0010	6WIN+95	-	9WIN+42	RAB NE ISLAND, LT	-	-	163	82	-	1	-	-
0010	226EB+73	-	231EB+19	USH 2, EB	446	446	344	59	-	2	-	166
0010	226WB+66	-	228WB+57	USH 2, WB	191	191	200	-	-	-	-	-
0010	0CC+00	-	3CC+77	RAB CIRCLE	377	377	-	377	-	-	-	-
0010				PROJECT LIMITS	-	-	-	-	-	-	-	-
				STAGE 3 SUBTOTALS	4,123	4,123	3,028	1,640	0	19	0	2,167
STAGE 4												
0010	107NB+30	-	108NB+25	USH 51, LT	-	-	130	-	-	-	-	-
0010	108NB+36	-	115SB+30	USH 51, LT	-	-	-	-	-	-	-	694
0010	216EB+50	-	218EB+25	USH 2, EB	175	175	-	-	-	-	-	175
0010	224WBT+25	-	228WBT+38	USH 2, WB PASSING LANE, RT	-	-	533	-	-	3	-	-
				STAGE 4 SUBTOTALS	175	175	663	0	0	3	0	869
				TOTAL 0010	9,301	9,301	3,988	1,815	9,245	22	1	6,760

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SAWING

CATEGORY	STATION	TO	STATION	LOCATION	690.0150 SAWING ASPHALT LF	690.0250 SAWING CONCRETE LF	REMARKS
STAGE 1							
0010	105NB+96	-	108NB+36	USH 51, LT	240	-	
0010	11TRN+00			USH 51 TEMPORARY ROAD, LT	30	3	
0010	216EB+90	-	218EB+10	USH 2, EB, RT	120	-	
0010	213EB+11	-	220EB+40	USH 2, EB, LT	730	-	
				STAGE 1 SUBTOTALS	1,120	3	
STAGE 2							
0010	216WB+50			USH 2, WB	3	40	
0010	215WB+15	-	216WB+50	USH 2, WB, LT	-	135	
0010	211WB+55	-	216WB+50	USH 2, WB, RT	497	-	
				STAGE 1 SUBTOTALS	500	175	
STAGE 3							
0010	108NB+36			USH 51, NB	23	30	
0010	100NB+76	-	114SB+60	USH 51, SB, LT	-	515	
0010	216EB+50			USH 2, EB	28	15	
0010	218EB+05			USH 2, EB	3	55	
0010	183EB+00	-	216EB+50	USH 2, EB, LT & RT	5,836	590	INCLUDES SIDE ROAD
				STAGE 1 SUBTOTALS	5,890	1,205	
STAGE 4							
0010	165EB+34			USH 2, EB	30	-	
0010	180EB+30	-	183EB+00	USH 2, EB, LT	272	-	
	183EB+00			USH 2, EB	23	-	
0010	180WB+20	-	208WB+90	USH 2, WB, LT & RT	4,540	432	INCLUDES CROSSOVERS AND SIDE ROAD
0010	211WB+55	-	219WB+82	USH 2, WB, LT & RT	1,035	135	
0010	224WBT+25	-	228WBT+38	USH 2, WB PASSING LANE, RT	440	-	
				STAGE 1 SUBTOTALS	6,340	567	
				TOTAL 0010	13,850	1,950	

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CONSTRUCTION STAKING ELECTRICAL INSTALLATIONS

LOCATION	650.8500 LS
PROJECT (1175-21-01)	1
TOTALS	1

LIGHTING CONTROL CABINET AND BASES

DESCRIPTION	STATION	OFFSET	CONCRETE CONTROL CABINET BASES TYPE L24 654.0224 EACH	ELECTRICAL SERVICE METER BREAKER PEDESTAL (LCC A) 656.0200 LS	LIGHTING CONTROL CABINETS 120/240 24-INCH 659.2124 EACH
LCC A	118+54.40 NOT	49.8' RT	1	1	1
	TOTALS		1	1	1

PULL BOXES STEEL 24X42-INCH

DESCRIPTION	STATION	OFFSET	653.0140 EACH
LPB-1	118+53.63 NOT	39.7' RT	1
LPB-2	118+51.83 NOT	26.7' RT	1
LPB-3	228+35.41 EB	10.1' LT	1
LPB-4	228+24.72 WB	25.0' LT	1
LPB-5	225+00.15 WBT	11.0' RT	1
LPB-6	224+81.68 EB	21.3' LT	1
LPB-7	223+24.32 EB	21.4' LT	1
LPB-8	223+26.49 EOT	22.5' RT	1
LPB-9	225+69.30 EOT	35.8' RT	1
LPB-10	225+70.53 EOT	8.8' LT	1
LPB-11	116+17.54 NB	13.9' LT	1
LPB-12	116+04.14 NOT	33.0' RT	1
LPB-13	117+10.87 NOT	9.0' LT	1
LPB-14	117+08.07 NOT	41.0' RT	1
LPB-15	114+50.66 NOT	23.8' LT	1
LPB-16	114+50.00 NOT	35.0' RT	1
TOTALS			16

CONCRETE BASES TYPE 5

DESCRIPTION	STATION	OFFSET	654.0105 EACH
A-1	117+03.81 NOT	11.6' LT	1
A-2	116+17.79 NOT	34.2' RT	1
A-3	114+75.16 NB	10.2' LT	1
A-4	113+17.44 NB	28.4' RT	1
A-5	225+62.31 EOT	9.5' LT	1
A-6	223+47.65 EB	20.9' LT	1
A-7	222+02.91 EB	22.2' LT	1
A-8	224+91.83 EB	9.8' LT	1
A-9	224+36.44 EOT	37.4' RT	1
A-10	228+63.46 EB	12.6' LT	1
A-11	230+25.11 EB	19.9' LT	1
A-12	227+12.78 WB	30.8' LT	1
A-13	226+99.89 WBT	15.1' RT	1
A-14	225+44.12 WBT	13.1' RT	1
TOTALS			14

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LIGHTING UNITS AND ELECTRICAL WIRE LIGHTING

DESCRIPTION	STATION	OFFSET	ELECTRICAL WIRE LIGHTING 12 AWG 655.0610 LF	TRANSFORMER BASES BREAKAWAY 11 1/2-INCH BOLT CIRCLE 657.0255 EACH	POLES TYPE 5 - ALUMINUM 657.0322 EACH	LUMINAIRE ARMS TRUSS TYPE 4 1/2-INCH CLAMP 12-FT 657.0710 EACH	LUMINAIRES UTILITY LED A 659.1115 EACH
A-1	117+03.81 NOT	11.6' LT	270	1	1	2	2
A-2	116+17.79 NOT	34.2' RT	270	1	1	2	2
A-3	114+75.16 NB	10.2' LT	270	1	1	2	2
A-4	113+17.44 NB	28.4' RT	162	1	1	1	1
A-5	225+62.31 EOT	9.5' LT	270	1	1	2	2
A-6	223+47.65 EB	20.9' LT	270	1	1	2	2
A-7	222+02.91 EB	22.2' LT	270	1	1	2	2
A-8	224+91.83 EB	9.8' LT	162	1	1	1	1
A-9	224+36.44 EOT	37.4' RT	162	1	1	1	1
A-10	228+63.46 EB	12.6' LT	270	1	1	2	2
A-11	230+25.11 EB	19.9' LT	270	1	1	2	2
A-12	227+12.78 WB	30.8' LT	162	1	1	1	1
A-13	226+99.89 WBT	15.1' RT	162	1	1	1	1
A-14	225+44.12 WBT	13.1' RT	270	1	1	2	2
TOTALS			3,240	14	14	23	23

CONDUIT RIGID NONMETALLIC SCHEDULE 40 AND ELECTRICAL WIRE LIGHTING

FROM	TO	3-INCH 652.0235 LF	2-INCH 652.0225 LF	8 AWG 655.0620 LF
LCC A	LPB-1	21	-	91
LPB-1	LPB-2	-	13	133
STUB		-	10	-
LPB-2	LPB-3	-	55	183
LPB-3	A-10	-	29	175
A-10	A-11	-	164	510
STUB		-	10	-
LPB-3	LPB-4	-	36	126
LPB-4	A-12	-	108	342
A-12	A-13	-	34	120
A-13	A-14	-	156	486
A-14	LPB-5	-	44	-
LPB-5	LPB-6	-	46	-
LPB-6	A-6	-	142	444
A-6	LPB-7	-	23	145
LPB-7	A-7	-	120	378
STUB		-	10	-
LPB-6	A-8	-	16	66
LPB-7	LPB-8	-	63	207
STUB		-	10	-
LPB-8	A-9	-	100	318
A-9	LPB-9	-	107	339
STUB		-	10	-
LPB-9	LPB-10	-	45	153
LPB-10	A-5	-	9	75
LPB-10	LPB-11	-	57	189
LPB-11	LPB-12	-	48	270
LPB-12	A-2	-	12	90
A-2	A-1	-	106	560
A-1	LPB-13	-	8	70
LPB-13	LPB-14	-	50	280
LPB-14	LPB-2	-	127	665
LPB-11	A-3	-	147	459
A-3	LPB-15	-	21	81
STUB		-	10	-
LPB-15	LPB-16	-	59	195
LPB-16	A-4	-	124	390
STUB		-	10	-
TOTALS			2139	7540

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
51	110+77NB	SPK IN PP#14-89/45-82.2' LT.	1449.42
52	223+73EB	WISDOT DISK-65.9' RT.	1446.74
53	231+62EB	WISDOT DISK-41.8' RT.	1430.49

CP#1
3/4-INCH REBAR WITH CAP
STA. 104+10.44NB-56.56' LT.
Y=375467.872
X=740264.491

CP#2
3/4-INCH REBAR WITH CAP
STA. 110+31.01NB-65.05' LT.
Y=376088.700
X=740215.844

N

EXISTING R/W
CENTURY LINK
XCEL ENERGY
PT: 104+68.71
SLOPE INTERCEPTS
BM #51
PC: 111+71.07
PCC: 113+96.74
PCC: 114+31.11
BURIED TELEPHONE LINE (APPROXIMATE LOCATION)
LIMIT OF WETLANDS
BM #52
PCC: 116+15.33
MONUMENT
USH 2
EP: 116+65.65
MERIT NETWORK
104NB
USH 51
106NB
108NB
110NB
112NB
114NB
116NB
BURIED ELECTRIC LINE (APPROXIMATE LOCATION)
SLOPE INTERCEPTS
BURIED ELECTRIC LINE (APPROXIMATE LOCATION)
BURIED TELEPHONE LINE (APPROXIMATE LOCATION)
XCEL ENERGY

BEGIN PROJECT
STA. 108+36NB
Y = 375898.151
X = 740293.001

VPC STA 108+75.00
VPC EL 1443.03
VPI STA 110+50.00
VPI EL 1443.00
VPT STA 112+25.00
VPT EL 1438.84
EXISTING PROFILE
VCL = 150.00
K = 52.14
STA 116+65.65
EL 1431.98
-0.02%
FINISHED GRADE
-2.38%
0.50%
STA 108+36.00
EL 1443.04
VCL = 350.00
K = 148.34
VPC STA 114+65.00
VPC EL 1433.13
VPI STA 115+40.00
VPI EL 1431.35
VPT STA 116+15.00
VPT EL 1431.73

1460 1455 1450 1445 1440 1435 1430 1425 1420

1440.00	1440.42	1440.88	1441.35	1441.75	1442.15	1442.53	1442.84	1443.11	1443.04	1443.40	1443.01	1443.67	1442.83	1443.88	1442.48	1444.02	1441.97	1444.13	1441.28	1444.21	1440.43	1444.21	1439.41	1444.18	1438.25	1444.18	1437.06	1443.99	1435.87	1443.40	1434.68	1441.93	1433.49	1445.28	1432.42	1447.45	1431.81	1444.40	1431.67	1437.86	1431.90
105+00	106+00	107+00	108+00	109+00	110+00	111+00	112+00	113+00	114+00	115+00	116+00	117+00	118+00																														

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PLAN AND PROFILE: USH 51 NORTHBOUND	SHEET E

PRE_182

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 050101-pp
PLOT DATE : 8/31/2020 10:41 AM
PLOT BY : GARNICA, BRANDON
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
51	110+77NB	SPK IN PP#14-89/45-82.2' LT.	1449.42
52	223+73EB	WISDOT DISK-65.9' RT.	1446.74
53	231+62EB	WISDOT DISK-41.8' RT.	1430.49

CP#1
3/4-INCH REBAR WITH CAP
STA. 104+10.44NB-56.56' LT.
Y=375467.872
X=740264.491

CP#2
3/4-INCH REBAR WITH CAP
STA. 110+31.01NB-65.05' LT.
Y=376088.700
X=740215.844

N

EXISTING R/W
SLOPE INTERCEPTS
CENTURY LINK
XCEL ENERGY
USH 51
BM #51
BP: 111+71.07
PC: 113+56.22
112SB
114SB
116SB
BURIED TELEPHONE LINE (APPROXIMATE LOCATION)
BURIED ELECTRIC LINE (APPROXIMATE LOCATION)
BEGIN PROJECT
STA. 108+36NB
SLOPE INTERCEPTS
BURIED ELECTRIC LINE (APPROXIMATE LOCATION)
BURIED TELEPHONE LINE (APPROXIMATE LOCATION)
PT: 115+63.44
LIMIT OF WETLANDS
BM #52
EP: 116+89.20
USH 2
MERIT NETWORK

STA 111+71.07
EL 1440.02
STA 111+99.71
EL 1439.42
VCL = 150.00
K = 53.97
EXISTING PROFILE
-2.11%
-2.28%
FINISHED GRADE
LOW POINT STA 116+08.02
LOW POINT EL 1431.50
STA 116+89.20
EL 1431.85
0.50%
VPC STA 114+85.00
VPC EL 1432.92
VPI STA 115+60.00
VPI EL 1431.21
VPT STA 116+35.00
VPT EL 1431.58

1455 1450 1445 1440 1435 1430 1425 1420

1444.21 1439.41 1444.24 1438.27 1444.32 1437.13 1444.34 1435.99 1444.16 1434.85 1443.93 1433.71 1442.94 1432.60 1444.64 1431.83 1445.48 1431.52 1443.30 1431.66

105+00 106+00 107+00 108+00 109+00 110+00 111+00 112+00 113+00 114+00 115+00 116+00 117+00 118+00

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PLAN AND PROFILE: USH 51 SOUTHBOUND	SHEET E

PRE_183

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\050102-PP.DWG
LAYOUT NAME - 050102-pp
PLOT DATE : 8/31/2020 10:41 AM
PLOT BY : GARNICA, BRANDON
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
51	110+77NB	SPK IN PP#14-89/45-82.2' LT.	1449.42
52	223+73EB	WISDOT DISK-65.9' RT.	1446.74
53	231+62EB	WISDOT DISK-41.8' RT.	1430.49

WETLANDS W-5
RPE (D) WETLAND
498 SF
0.011 ACRE

LIMIT OF WETLANDS

SLOPE INTERCEPTS

PC: 217+05.12EB

PRC: 219+64.08EB

PT: 221+36.91EB

PC: 222+57.23EB

PT: 223+18.99EB

PC: 224+37.89EB

PT: 225+13.03EB

REMOVE EXISTING
STRUCTURE B-26-0006

BURIED FIBER OPTIC CABLE
(APPROXIMATE LOCATION)

MERIT NETWORK

EXISTING R/W

CP#3
12-INCH SPIKE
STA. 224+49.85EB-117.05' LT.
Y=376959.051
X=740436.384

LIMIT OF WETLANDS

WETLANDS W-3
RPE (D) WETLAND
709 SF
0.016 ACRE

211EB USH 2 212EB 213EB 214EB 215EB 216EB 217EB 218EB 219EB 220EB 221EB 222EB 223EB 224EB

INLET

NGS MONUMENT

BM #52

BURIED TELEPHONE LINE
(APPROXIMATE LOCATION)

CENTURY LINK

XCEL ENERGY

LIMIT OF WETLANDS

SLOPE INTERCEPTS

EXISTING R/W

36"RCCP

24"RCCP

CP#4
3/4-INCH REBAR WITH CAP
STA. 218+97.59EB-37.13' RT.
Y=377221.832
X=739916.420

WETLANDS W-4
RPE (D) WETLAND
350 SF
0.008 ACRE

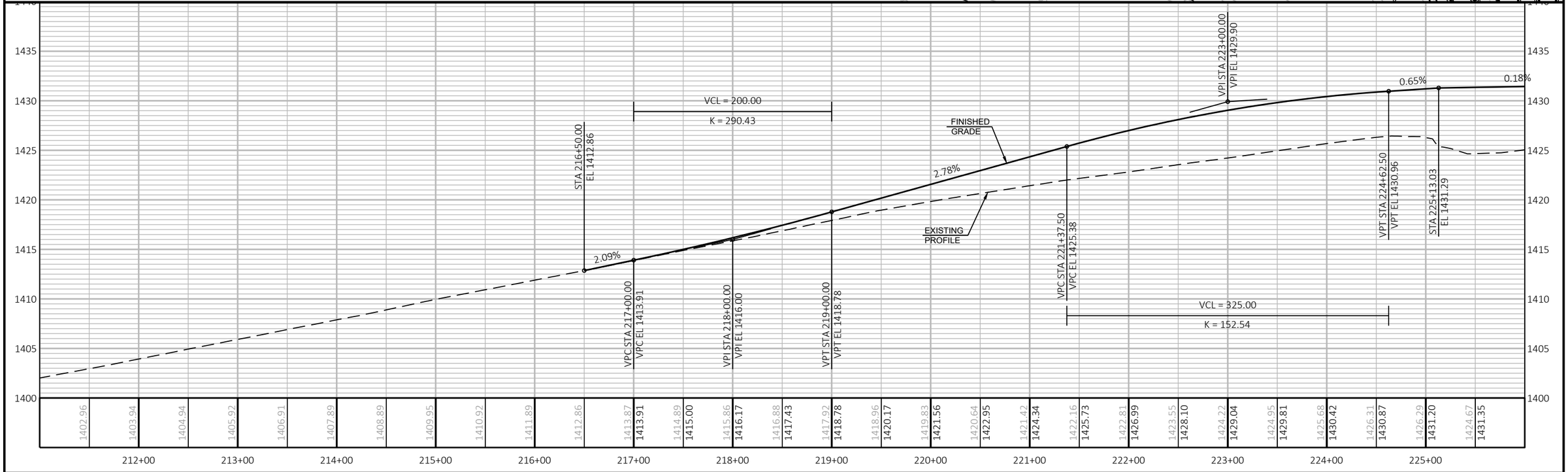
LIMIT OF WETLANDS

NGS MONUMENT
HUXLEY CORS ARP

NOTE:
SEE PLAN DETAILS FOR WORK
PRIOR TO STA. 211+00.

5

5



PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PLAN AND PROFILE: USH 2 EASTBOUND	SHEET E

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\050103-PP.DWG
LAYOUT NAME - 050103-pp

PLOT DATE : 8/31/2020 10:42 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:100 FT

PRE_184

WISDOT/CADDS SHEET 44

WETLANDS W-3
RPE (D) WETLAND
709 SF
0.016 ACRE

LIMIT OF WETLANDS
SLOPE INTERCEPTS
LIMIT OF WETLANDS
BURIED FIBER OPTIC CABLE (APPROXIMATE LOCATION)
EXISTING R/W
MERIT NETWORK
PC: 227+31.28EB
PI: 226+73.03EB
225+13.03EB
PT: 229+37.59EB
229EB
230EB
231EB
USH 2
232EB
233EB
234EB
EP: 234+27.78EB
BM #53
BURIED ELECTRIC LINE (APPROXIMATE LOCATION)
BURIED FIBER OPTIC CABLE (APPROXIMATE LOCATION)
BURIED TELEPHONE LINE (APPROXIMATE LOCATION)
CENTURY LINK
LIMIT OF WETLANDS
XCEL ENERGY
EXISTING R/W
SLOPE INTERCEPTS
BURIED TELEPHONE LINE (APPROXIMATE LOCATION)
CP#5
3/4-INCH REBAR WITH CAP
STA. 230+82.86EB-19.14' LT.
Y=376505.551
X=740839.327

BENCH MARKS

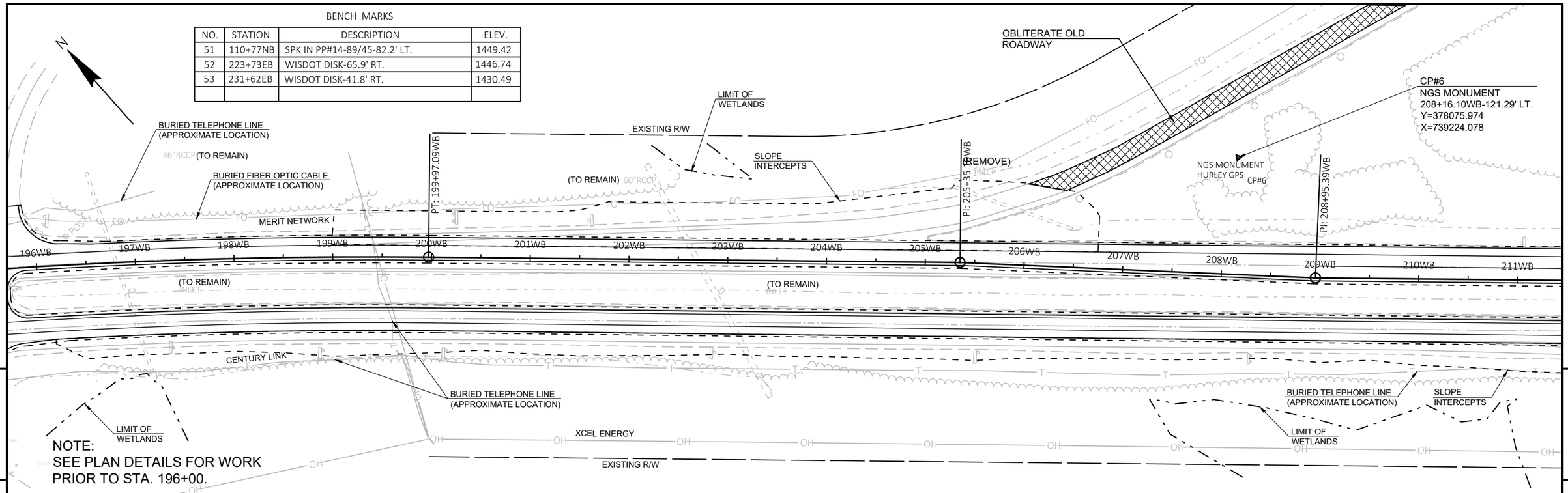
NO.	STATION	DESCRIPTION	ELEV.
51	110+77NB	SPK IN PP#14-89/45-82.2' LT.	1449.42
52	223+73EB	WISDOT DISK-65.9' RT.	1446.74
53	231+62EB	WISDOT DISK-41.8' RT.	1430.49

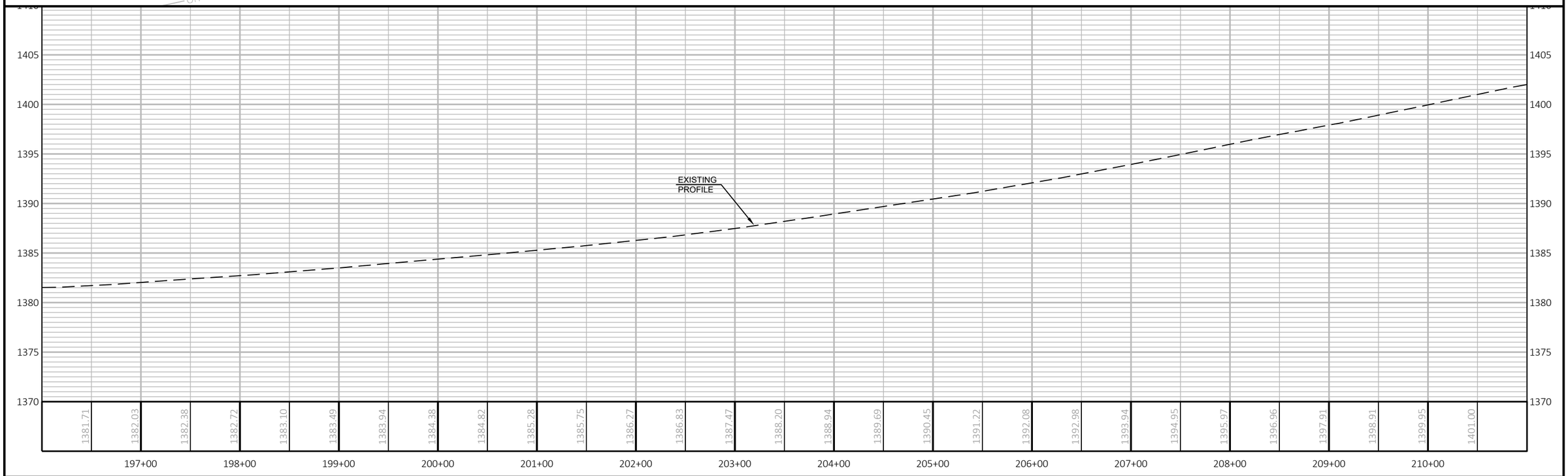
VCL = 100.00
K = 99.90
STA 226+73.20
EL 1431.57
STA 231+19.24
EL 1431.11
FINISHED GRADE
-0.69%
0.31%
EXISTING PROFILE
VPC STA 228+07.47
VPC EL 1430.65
VPI STA 228+57.47
VPI EL 1430.30
VPT STA 229+07.47
VPT EL 1430.46

| | | |

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
51	110+77NB	SPK IN PP#14-89/45-82.2' LT.	1449.42
52	223+73EB	WISDOT DISK-65.9' RT.	1446.74
53	231+62EB	WISDOT DISK-41.8' RT.	1430.49





PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PLAN AND PROFILE: USH 2 WESTBOUND	SHEET E

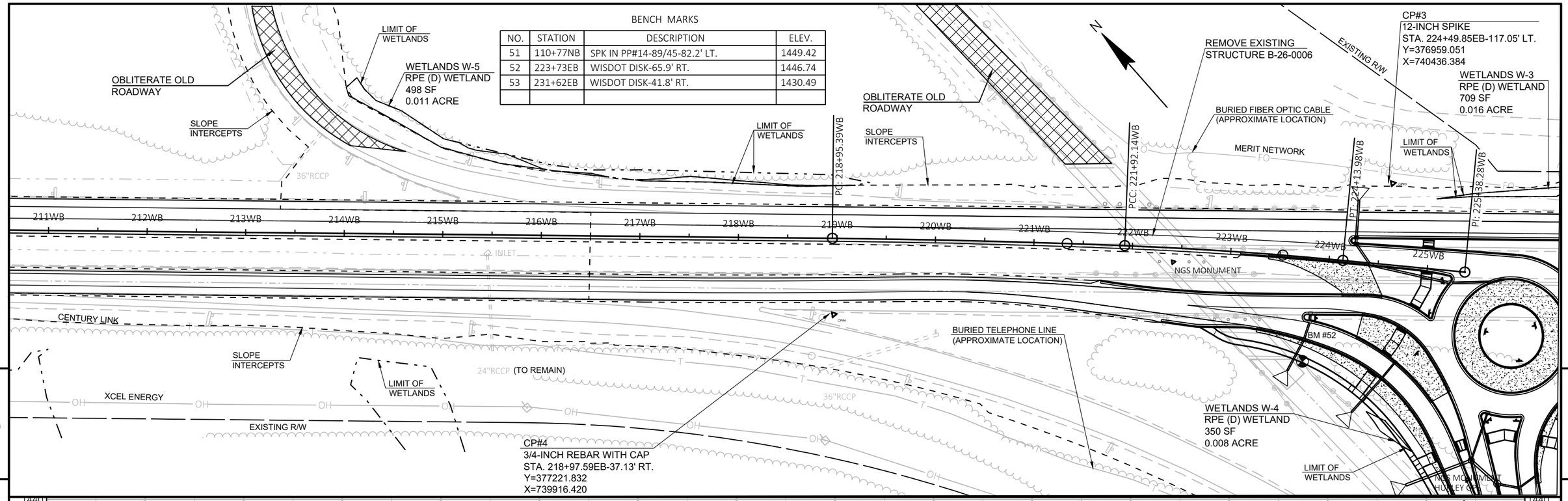
FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\050105-PP.DWG
LAYOUT NAME - 050105-pp
PLOT DATE : 8/31/2020 10:42 AM
PLOT BY : GARNICA, BRANDON
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

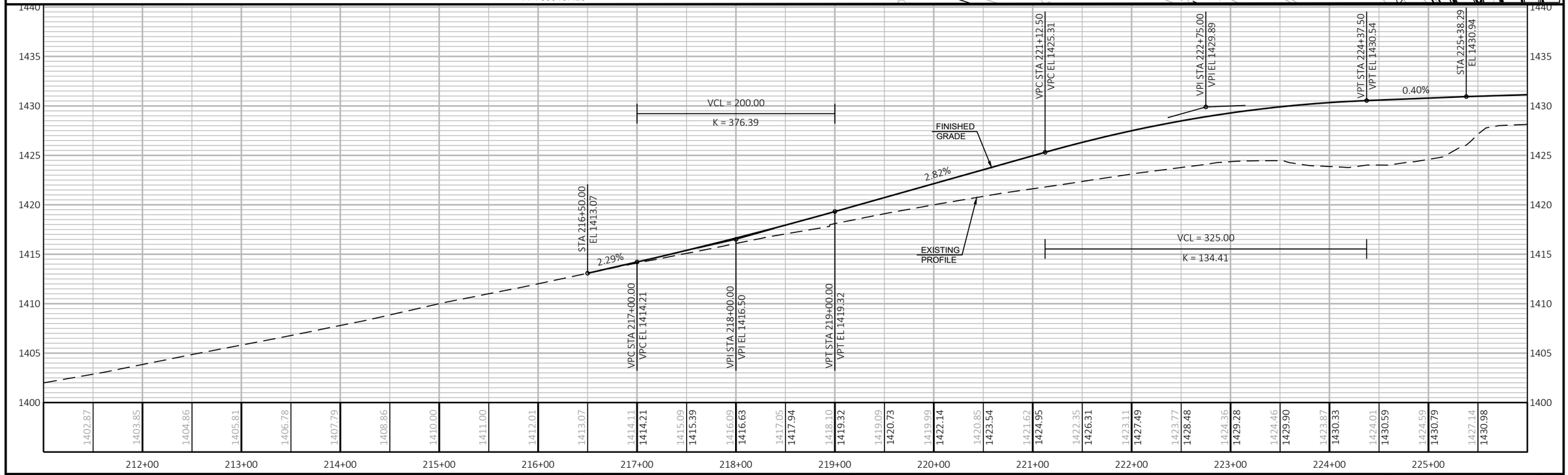
PRE_186

WISDOT/CADDS SHEET 44

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
51	110+77NB	SPK IN PP#14-89/45-82.2' LT.	1449.42
52	223+73EB	WISDOT DISK-65.9' RT.	1446.74
53	231+62EB	WISDOT DISK-41.8' RT.	1430.49

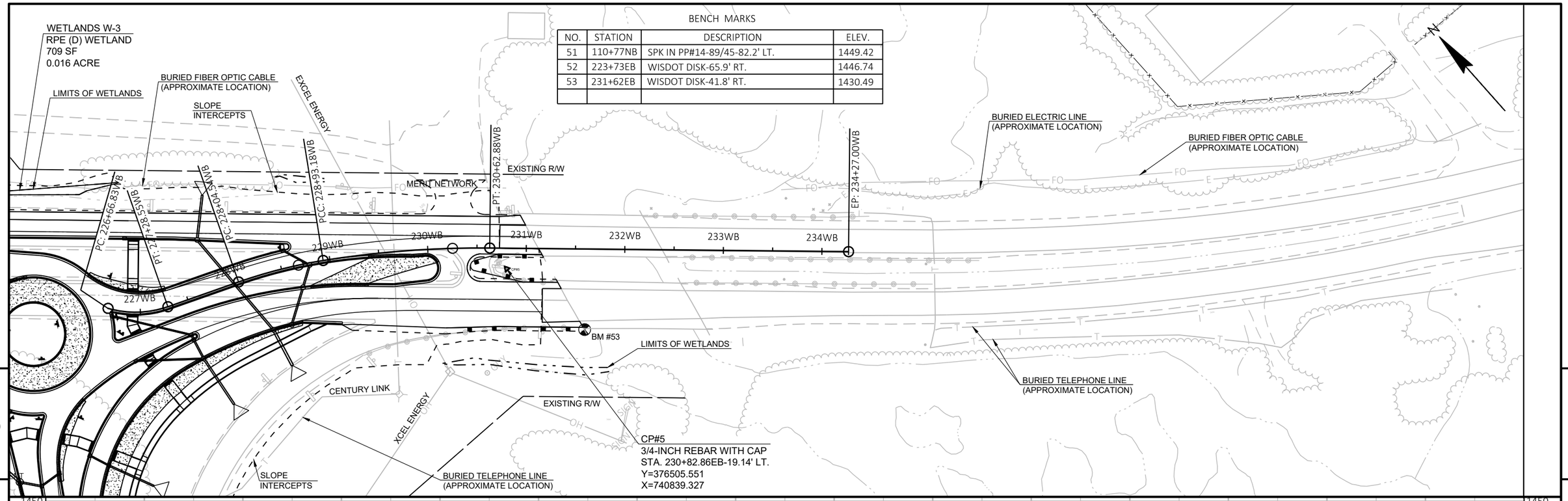




PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PLAN AND PROFILE: USH 2 WESTBOUND	SHEET E

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
51	110+77NB	SPK IN PP#14-89/45-82.2' LT.	1449.42
52	223+73EB	WISDOT DISK-65.9' RT.	1446.74
53	231+62EB	WISDOT DISK-41.8' RT.	1430.49



PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PLAN AND PROFILE: USH 2 WESTBOUND	SHEET E

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\050107-PP.DWG
LAYOUT NAME - 050107-pp

PLOT DATE : 8/31/2020 10:43 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:100 FT

PRE_188

WISDOT/CADDS SHEET 44

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
51	110+77NB	SPK IN PP#14-89/45-82.2' LT.	1449.42
52	223+73EB	WISDOT DISK-65.9' RT.	1446.74
53	231+62EB	WISDOT DISK-41.8' RT.	1430.49

BP: 218+95.35WBT
EP: 230+46.97WBT
BURIED FIBER OPTIC CABLE (APPROXIMATE LOCATION)
MERIT NETWORK
OBLITERATE OLD ROADWAY
REMOVE EXISTING STRUCTURE B-26-0006
CP#3
12-INCH SPIKE
STA. 224+49.85EB-117.05' LT.
Y=376959.051
X=740436.384
WETLANDS W-3
RPE (D) WETLAND
709 SF
0.016 ACRE
LIMIT OF WETLANDS
SLOPE INTERCEPTS
LIMIT OF WETLANDS
LIMIT OF WETLANDS
EXISTING R/W
219WBT
220WBT
221WBT
222WBT
223WBT
224WBT
225WBT
226WBT
227WBT
228WBT
229WBT
230WBT
USH 2
NGS MONUMENT
BM #53
BM #52
BURIED TELEPHONE LINE (APPROXIMATE LOCATION)
SLOPE INTERCEPTS
36"RCCP
CENTURY LINK
WETLANDS W-4
RPE (D) WETLAND
350 SF
0.008 ACRE
CP#4
3/4-INCH REBAR WITH CAP
STA. 218+97.59EB-37.13' RT.
Y=377221.832
X=739916.420
EXISTING R/W
XCEL ENERGY
NGS MONUMENT
HURLEY CO
CENTURY LINK
SLOPE INTERCEPTS
LIMIT OF WETLANDS
EXISTING R/W
XCEL ENERGY
BURIED TELEPHONE LINE (APPROXIMATE LOCATION)
CP#5
3/4-INCH REBAR WITH CAP
STA. 230+82.86EB-19.14' LT.
Y=376505.551
X=740839.327

STA 218+95.35 EL 1418.95
STA 219+50.00 EL 1420.48
STA 220+00.00 EL 1421.88
VPC STA 220+88.00 VPC EL 1424.36
VPI STA 223+38.00 VPI EL 1431.40
VPT STA 225+88.00 VPT EL 1429.94
VCL = 180.00
K = 166.28
STA 229+50.00 EL 1430.00
STA 230+00.00 EL 1430.23
STA 230+46.97 EL 1430.40
FINISHED GRADE
2.81%
2.80%
2.82%
-0.58%
0.50%
0.46%
0.36%
EXISTING PROFILE
VPC STA 226+60.00 VPC EL 1429.52
VPI STA 227+50.00 VPI EL 1429.00
VPT STA 228+40.00 VPT EL 1429.45
VCL = 500.00
K = 147.13

1445 1440 1435 1430 1425 1420 1415 1410

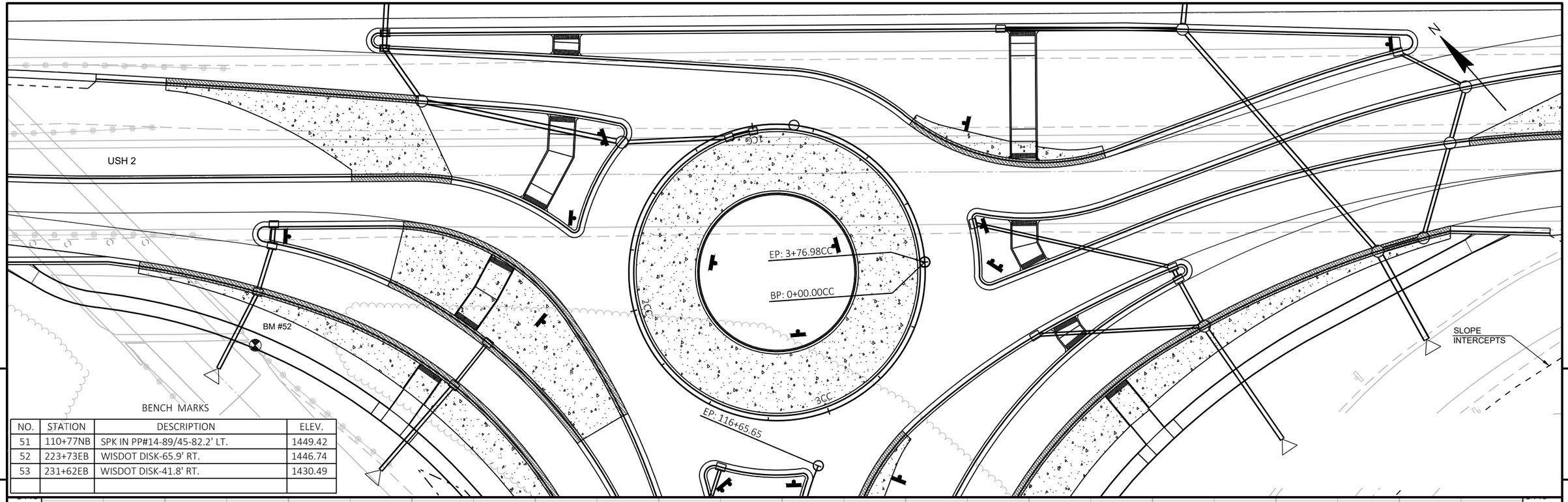
1417.81 1419.08 1418.89 1420.48 1419.81 1421.88 1420.62 1423.29 1421.37 1424.69 1422.10 1425.98 1422.90 1427.09 1423.65 1428.03 1424.34 1428.80 1425.07 1429.41 1425.79 1429.84 1426.42 1430.10 1427.02 1430.19 1427.57 1430.12 1428.08 1429.87 1428.50 1429.58 1428.74 1429.34 1429.09 1429.24 1429.42 1429.30 1429.71 1429.50 1429.94 1429.75 1430.10 1430.00 1430.27 1430.23

218+00 219+00 220+00 221+00 222+00 223+00 224+00 225+00 226+00 227+00 228+00 229+00 230+00 231+00

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PLAN AND PROFILE: USH 2 WESTBOUND BYPASS LANE	SHEET E

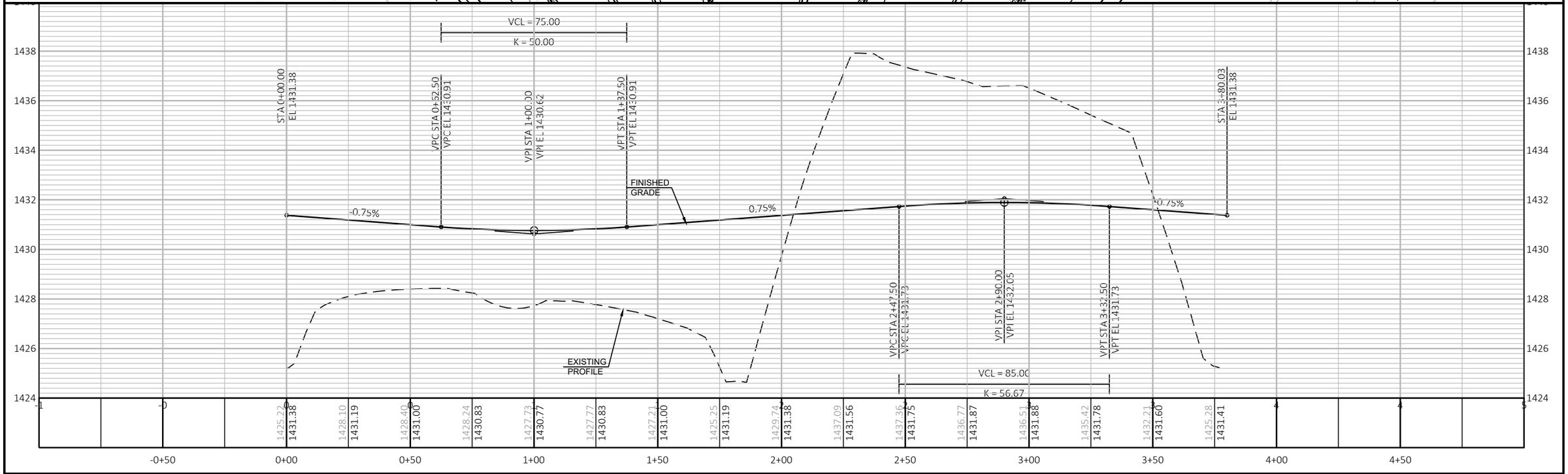
PRE_189

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\050108-PP.DWG
LAYOUT NAME - 050108-pp
PLOT DATE : 8/31/2020 10:43 AM
PLOT BY : GARNICA, BRANDON
PLOT NAME :
PLOT SCALE : 1 IN:100 FT



BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
51	110+77NB	SPK IN PP#14-89/45-82.2' LT.	1449.42
52	223+73EB	WISDOT DISK-65.9' RT.	1446.74
53	231+62EB	WISDOT DISK-41.8' RT.	1430.49

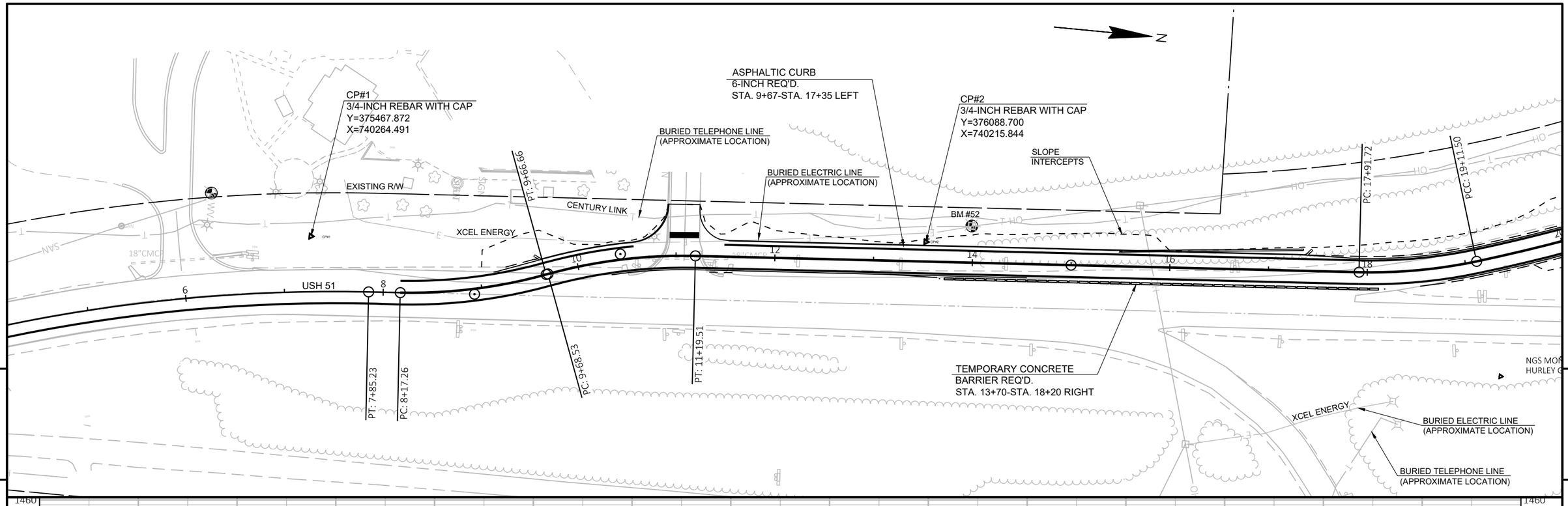


PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PLAN AND PROFILE: ROUNDABOUT CIRCLE	SHEET E

PRE_190

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\050109-PP.DWG
LAYOUT NAME - 050109-pp

PLOT DATE : 9/2/2020 12:09 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT



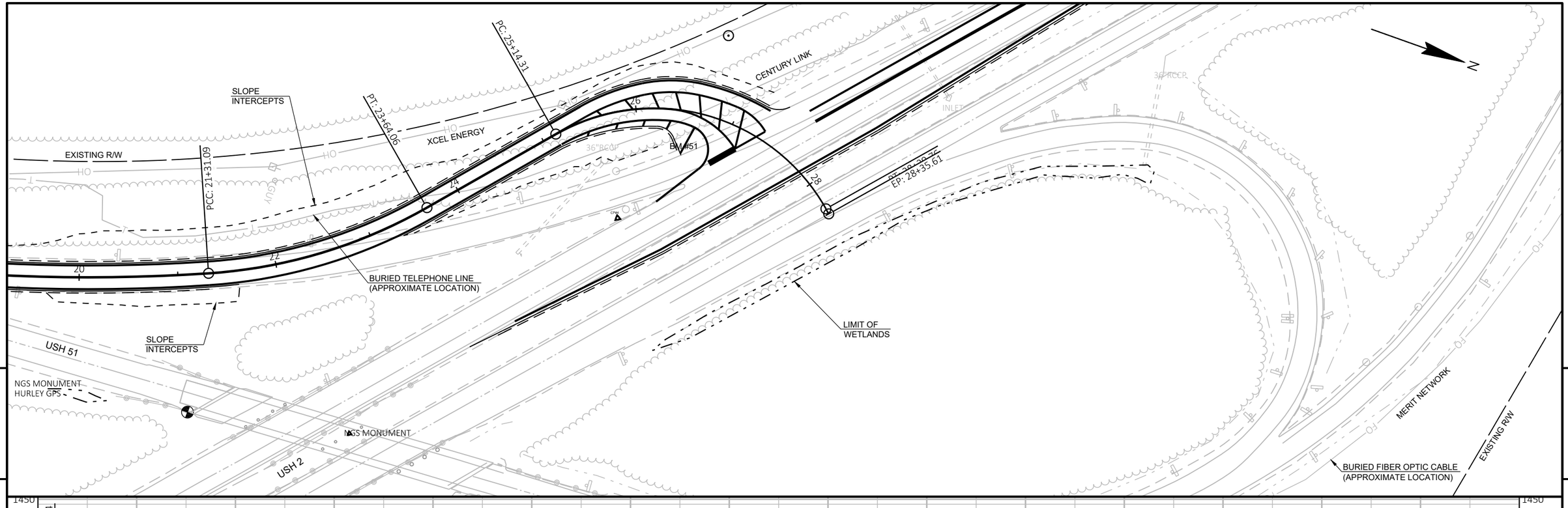
PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PLAN AND PROFILE: TEMPORARY ROADWAY-STAGE 1	SHEET E

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\050110-PP.DWG
LAYOUT NAME - 050110-pp

PLOT DATE : 8/31/2020 10:43 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:100 FT

PRE_191

WISDOT/CADDS SHEET 44



PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PLAN AND PROFILE: TEMPORARY ROADWAY-STAGE 1	SHEET E

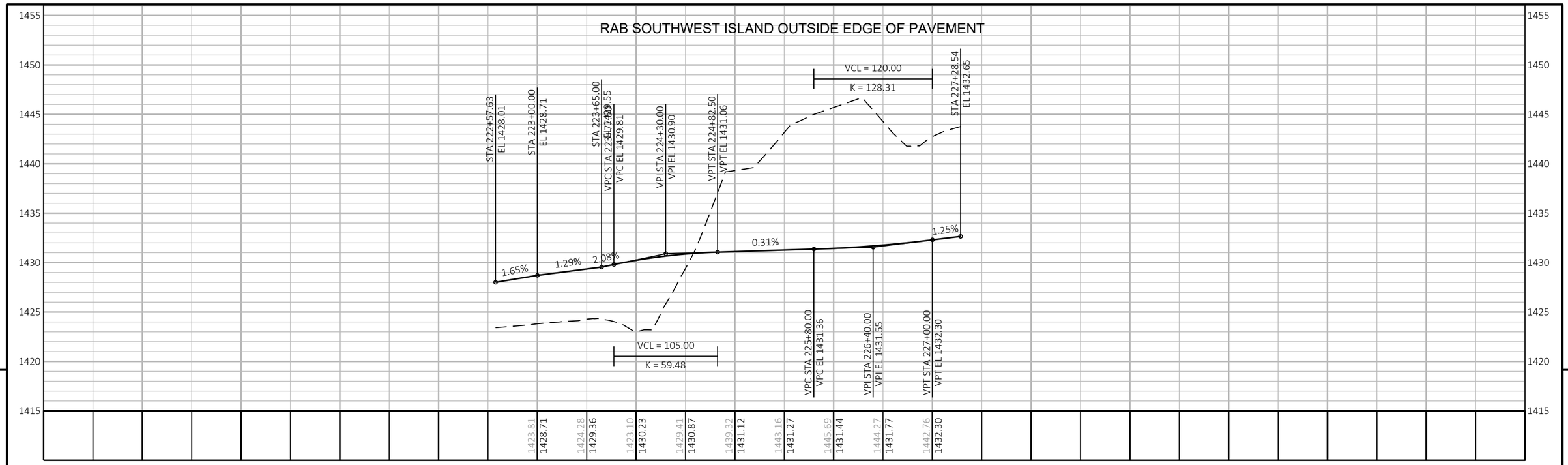
FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\050111-PP.DWG
LAYOUT NAME - 050111-pp

PLOT DATE : 8/31/2020 10:44 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:100 FT

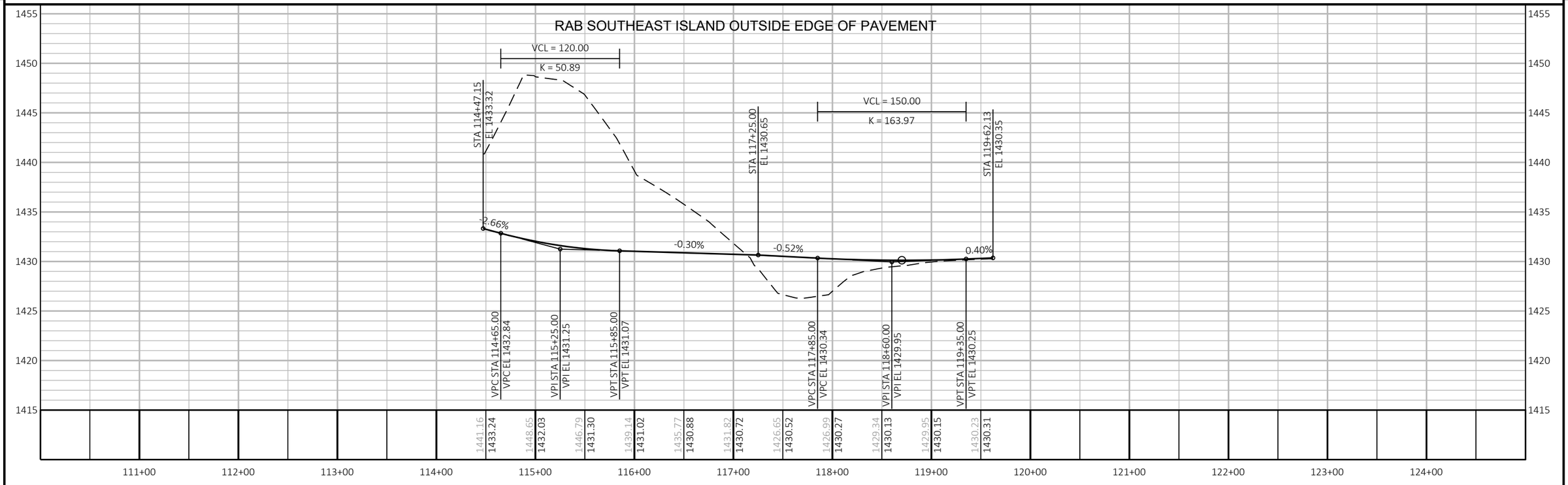
PRE_192

WISDOT/CADDS SHEET 44

RAB SOUTHWEST ISLAND OUTSIDE EDGE OF PAVEMENT



RAB SOUTHEAST ISLAND OUTSIDE EDGE OF PAVEMENT



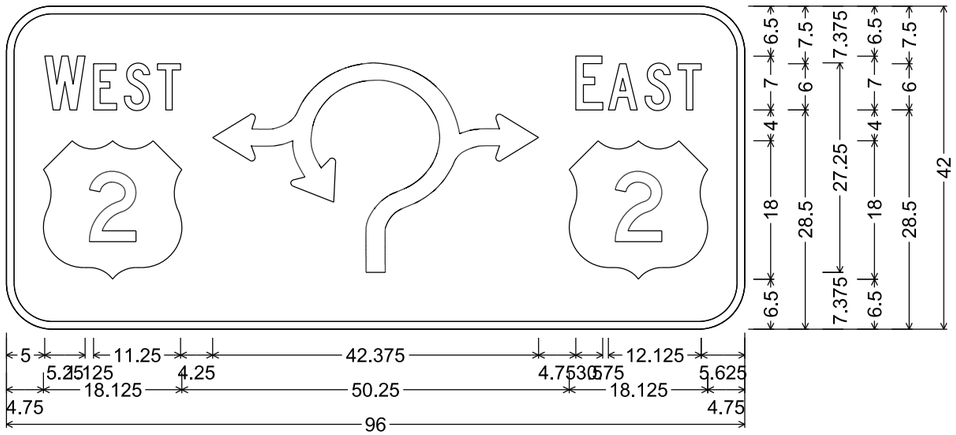
PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PROFILES	SHEET PRE_193 E

FILE NAME : V:\TRANS-GB\450466 USH 51 & USH 2\C3D\SHEETSPLAN\050301-PR.DWG
LAYOUT NAME - 050301-pr

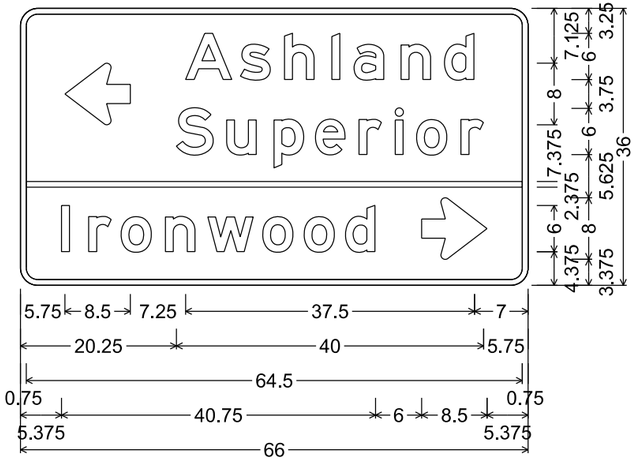
PLOT DATE : 8/31/2020 10:44 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:100 FT

NOTES

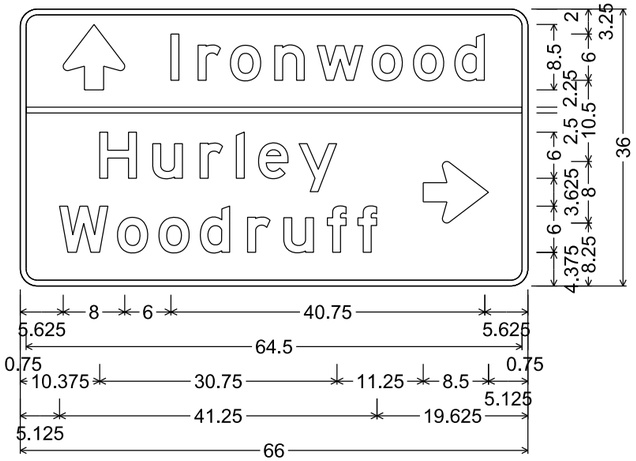
1. Sign is Type II - Type H Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - E except as noted



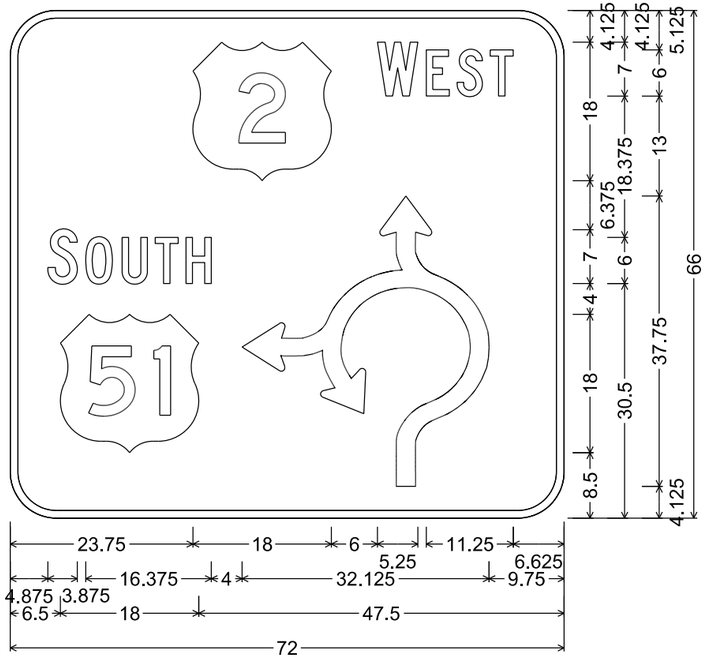
D1-62; 6.000" Radius, 1.000" Border,
"WEST", C; "EAST", C



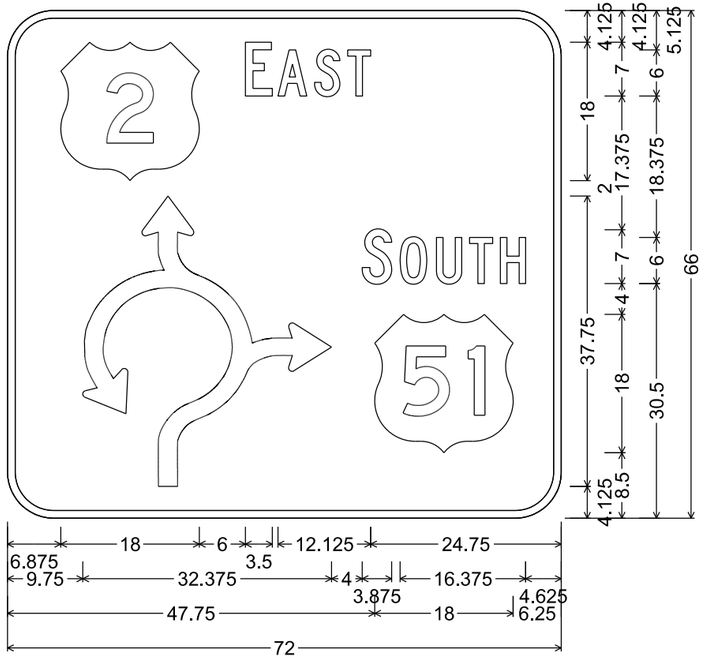
D1-3; 2.250" Radius, 0.750" Border



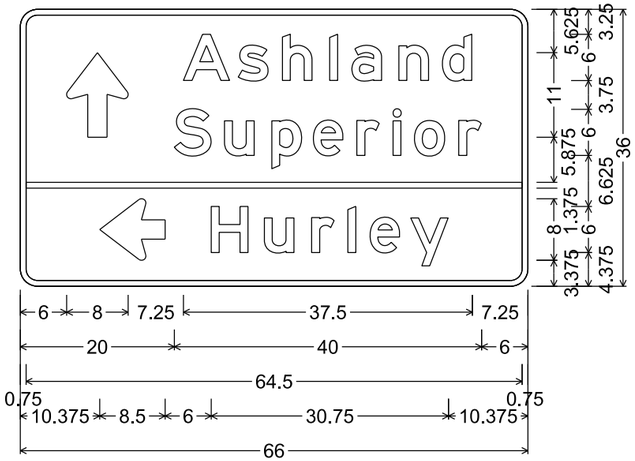
D1-3; 2.250" Radius, 0.750" Border



D1-62; 6.000" Radius, 1.000" Border,
"WEST", C; "SOUTH", C



D1-62; 6.000" Radius, 1.000" Border,
"EAST", C; "SOUTH", C



D1-3; 2.250" Radius, 0.750" Border

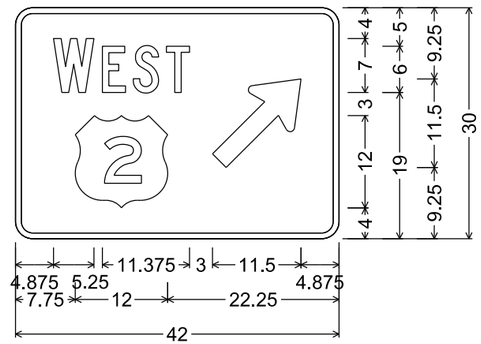
PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	PERMANENT SIGNING	SHEET NO PRE_194	E



2.250" Radius, 0.750" Border, White on, Blue;
"REST", E; "AREA", E; "NEXT", E; "RIGHT", E;
"HISTORICAL MARKER", D



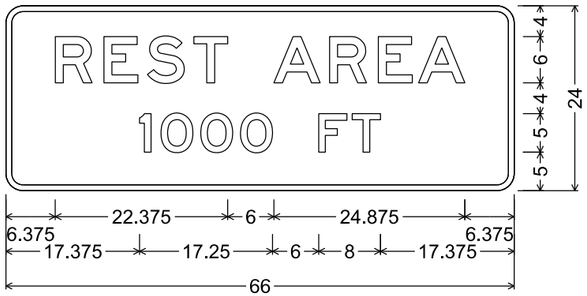
2.250" Radius, 0.750" Border, White on, Blue;
"REST", E; "AREA", E; "NEXT", E; "LEFT", E;
"HISTORICAL MARKER", D



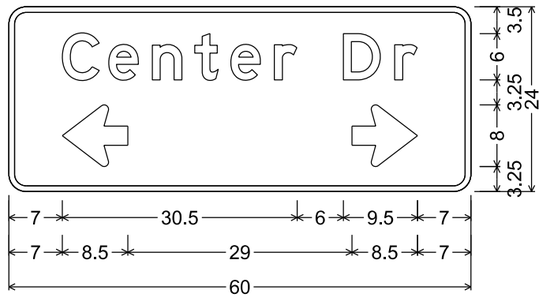
D1-1; 2.250" Radius, 0.750" Border,
"WEST", C

NOTES

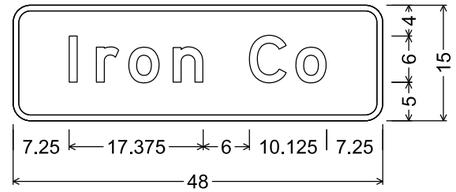
1. Sign is Type II - Type H Reflective
2. Color:
   Background - Green except as noted
   Message - White
3. Message Series - E except as noted



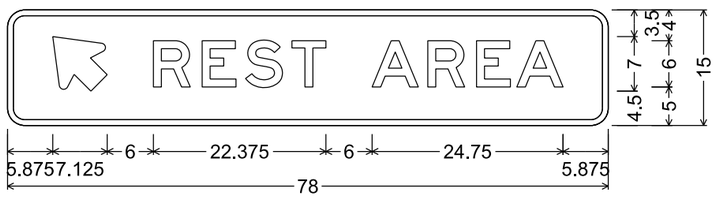
2.250" Radius, 0.750" Border, White on, Blue



D1-61; 2.250" Radius, 0.750" Border



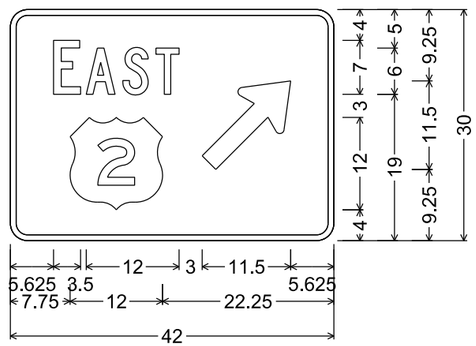
I2-2; 2.250" Radius, 0.750" Border



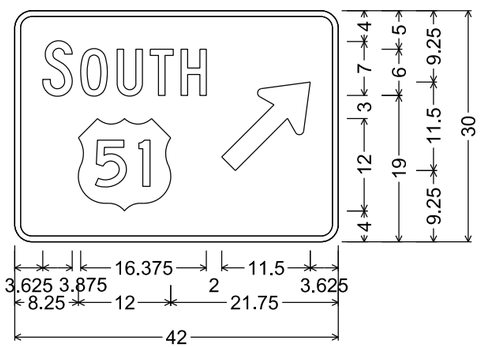
D1-1; 2.250" Radius, 0.750" Border, White on, Blue



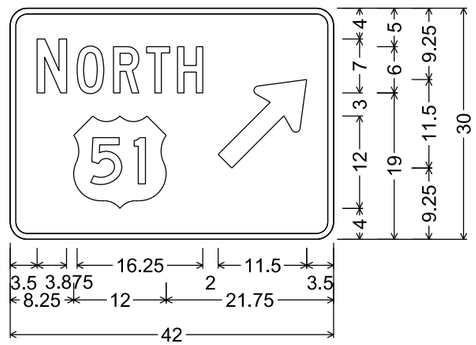
D1-1; 2.250" Radius, 0.750" Border, White on, Blue



D1-1; 2.250" Radius, 0.750" Border,
"EAST", C



D1-1; 2.250" Radius, 0.750" Border,
"SOUTH", C



D1-1; 2.250" Radius, 0.750" Border,
"NORTH", C

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EARTHWORK - USH 2 'EB'

STATION	AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)			
	Cut	Salvaged/Unusable Pavement Material	Fill	Rock Exc	Cut	Salvaged/Unusable Pavement Material	Fill	Rock Exc	Cut 1.00	Expanded Fill 1.25	Expanded Rock 1.10	Mass Ordinate
					Note 1	Note 2	Note 3		Note 1			Note 4
196+19.39	16.2	4.2	0.0	0.0	0	0	0	0	0	0	0	0
196+50	13.3	4.2	0.2	0.0	17	5	0	0	17	0	0	12
197+00	11.8	4.2	0.0	0.0	23	8	0	0	40	0	0	27
197+50	11.5	4.2	0.0	0.0	22	8	0	0	62	0	0	41
198+00	10.8	4.2	0.0	0.0	21	8	0	0	82	0	0	54
198+50	12.0	4.2	0.0	0.0	21	8	0	0	103	0	0	67
199+00	64.3	8.3	0.0	0.0	71	12	0	0	174	0	0	126
199+50	66.8	8.3	0.0	0.0	121	15	0	0	296	0	0	232
200+00	71.4	8.3	0.0	0.0	128	15	0	0	424	0	0	345
200+50	77.5	8.3	0.0	0.0	138	15	0	0	561	0	0	467
201+00	81.5	8.3	0.0	0.0	147	15	0	0	709	0	0	599
201+50	85.9	8.3	0.0	0.0	155	15	0	0	864	0	0	739
202+00	98.3	8.3	0.0	0.0	171	15	0	0	1,034	0	0	894
202+50	96.5	8.3	0.0	0.0	180	15	0	0	1,215	0	0	1,059
203+00	99.9	8.3	0.4	0.0	182	15	0	0	1,396	1	0	1,225
203+50	98.2	8.3	0.0	0.0	183	15	0	0	1,580	1	0	1,393
204+00	99.9	8.3	0.0	0.0	184	15	0	0	1,763	1	0	1,561
204+50	115.5	8.3	0.0	0.0	199	15	0	0	1,963	1	0	1,745
205+00	150.6	8.3	0.0	0.0	246	15	0	0	2,209	1	0	1,976
205+50	251.0	8.3	0.0	0.0	372	15	0	0	2,581	1	0	2,333
206+00	249.8	8.3	0.2	0.0	464	15	0	0	3,045	2	0	2,781
206+50	132.0	8.3	8.0	0.0	353	15	8	0	3,398	11	0	3,109
207+00	11.0	4.2	0.0	0.0	132	12	7	0	3,531	20	0	3,221
207+50	11.5	4.2	0.0	0.0	21	8	0	0	3,551	20	0	3,234
208+00	11.9	4.2	0.0	0.0	22	8	0	0	3,573	20	0	3,248
208+50	11.4	4.2	0.4	0.0	22	8	0	0	3,595	21	0	3,261
209+00	12.8	4.2	0.0	0.0	22	8	0	0	3,617	21	0	3,275
209+50	11.6	4.2	1.0	0.0	23	8	1	0	3,640	22	0	3,289
210+00	14.1	4.2	0.0	0.0	24	8	1	0	3,663	23	0	3,304
210+50	18.4	4.6	0.0	0.0	30	8	0	0	3,694	23	0	3,326
211+00	23.3	5.0	0.0	0.0	39	9	0	0	3,732	23	0	3,355
211+50	26.4	5.4	0.0	0.0	46	10	0	0	3,778	23	0	3,392
212+00	26.4	5.8	0.0	0.0	49	10	0	0	3,827	23	0	3,430
212+50	27.5	6.3	0.0	0.0	50	11	0	0	3,877	23	0	3,469
213+00	29.0	6.7	0.0	0.0	52	12	0	0	3,929	23	0	3,509
213+50	81.0	10.8	6.4	0.0	102	16	6	0	4,031	31	0	3,588
214+00	276.5	11.3	0.0	0.0	331	20	6	0	4,362	38	0	3,891
214+50	199.7	11.7	0.0	0.0	441	21	0	0	4,803	38	0	4,310
215+00	251.2	23.8	0.3	0.0	417	33	0	0	5,221	39	0	4,695
215+50	169.1	23.8	2.8	0.0	389	44	3	0	5,610	42	0	5,036
216+00	141.2	20.8	0.0	0.0	287	41	3	0	5,897	45	0	5,279
216+50	306.5	41.7	0.0	0.0	262	39	0	0	6,159	45	0	5,502
217+00	338.9	42.5	0.0	0.0	598	78	0	0	6,756	45	0	6,022
217+50	333.5	43.8	0.0	0.0	623	80	0	0	7,379	45	0	6,564
218+00	340.5	45.4	1.5	0.0	624	83	1	0	8,003	47	0	7,104

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
2 - Salvaged/Unusable Pavement Material	This does not show up in cross sections
3 - Fill	Does not include Unusable Pavement Exc volume
4 - Mass Ordinate	Cut - Salvaged Pavt - ((Fill - Expanded Rock) * Fill Factor)

EARTHWORK - USH 2 'EB' (CONTINUED)

STATION	AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)			
	Cut	Salvaged/Unusable Pavement Material	Fill	Rock Exc	Cut	Salvaged/Unusable Pavement Material	Fill	Rock Exc	Cut	Expanded Fill	Expanded Rock	Mass Ordinate
									1.00	1.25	1.10	
					Note 1	Note 2	Note 3		Note 1			Note 4
218+50	344.8	48.3	4.8	0.0	634	87	6	0	8,637	55	0	7,645
219+00	216.7	44.6	8.6	0.0	520	86	12	0	9,157	70	0	8,063
219+50	196.7	43.3	12.1	0.0	383	81	19	0	9,540	94	0	8,340
220+00	127.4	43.3	29.2	0.0	300	80	38	0	9,840	142	0	8,512
220+50	129.9	43.3	103.3	0.0	238	80	123	0	10,078	295	0	8,517
221+00	158.8	42.9	203.1	0.0	267	80	284	0	10,346	650	0	8,350
221+50	73.4	29.6	295.0	0.0	215	67	461	0	10,561	1,226	0	7,921
222+00	47.8	28.3	387.5	0.0	112	54	632	0	10,673	2,016	0	7,190
222+50	80.7	29.6	540.2	0.0	119	54	859	0	10,792	3,090	0	6,181
223+00	0.0	30.0	362.7	0.0	75	55	836	0	10,866	4,135	0	5,156
223+50	0.0	30.4	451.6	0.0	0	56	754	0	10,866	5,078	0	4,157
224+00	1.0	31.3	408.4	0.0	1	57	796	0	10,867	6,073	0	3,106
224+50	0.0	31.7	450.7	0.0	1	58	795	0	10,868	7,067	0	2,054
225+00	0.0	0.0	171.6	0.0	0	29	576	0	10,868	7,788	0	1,305
225+13.03	51.6	0.0	6.5	0.0	12	0	43	0	10,881	7,841	0	1,263
226+73.04	49.8	0.0	6.7	0.0	0	0	0	0	10,881	7,841	0	1,263
227+00	0.2	16.0	217.3	0.0	25	8	112	0	10,906	7,981	0	1,140
227+50	157.4	16.0	234.1	0.0	146	30	418	0	11,052	8,504	0	734
228+00	216.1	27.9	131.7	0.0	346	41	339	0	11,398	8,927	0	616
228+50	332.3	41.7	59.8	0.0	508	64	177	0	11,905	9,149	0	838
229+00	344.4	42.1	31.6	0.0	627	78	85	0	12,532	9,254	0	1,281
229+50	335.9	43.3	34.2	0.0	630	79	61	0	13,162	9,331	0	1,755
230+00	266.1	36.7	30.0	0.0	557	74	59	0	13,719	9,405	0	2,165
230+21.97	264.7	35.8	0.0	0.0	216	29	12	0	13,935	9,420	0	2,336
230+46.97	292.3	48.8	0.0	0.0	258	39	0	0	14,193	9,420	0	2,554
230+50	294.6	48.8	0.0	0.0	33	5	0	0	14,226	9,420	0	2,582
230+71.97	266.4	37.1	0.0	0.0	228	35	0	0	14,454	9,420	0	2,775
231+00	124.8	18.8	1.2	0.0	203	29	1	0	14,657	9,421	0	2,948
231+19	0.0	18.8	0.0	0.0	44	13	0	0	14,701	9,421	0	2,979
					14,701	2,301	7,537	0				

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
2 - Salvaged/Unusable Pavement Material	This does not show up in cross sections
3 - Fill	Does not include Unusable Pavement Exc volume
4 - Mass Ordinate	Cut - Salvaged Pavt - ((Fill - Expanded Rock) * Fill Factor)

EARTHWORK - USH 2 'WBT'

STATION	AREA (SF) Cut	Salvaged/Unusable Pavement Material	Fill	Rock Exc	Incremental Vol (CY) (Unadjusted) Cut	Salvaged/Unusable Pavement Material	Fill	Rock Exc	Cumulative Vol (CY) Cut 1.00	Expanded Fill 1.25	Expanded Marsh Backfill 1.00	Expanded Rock 1.10	Mass Ordinate
					Note 1	Note 2	Note 3		Note 1		Note 4		Note 4
225+00	0.0	18.8	241.3	0.0	0	0	0	0	0	0	0	0	0
225+50	0.0	13.8	57.0	0.0	0	30	276	0	0	345	0	0	-375
226+00	8.0	14.6	29.7	0.0	7	26	80	0	7	446	0	0	-495
226+50	34.2	14.6	48.9	0.0	39	27	73	0	46	537	0	0	-574
227+00	55.8	14.6	26.0	0.0	83	27	69	0	130	623	0	0	-604
227+50	80.1	14.6	16.7	0.0	126	27	40	0	256	673	0	0	-555
228+00	98.0	14.6	3.0	0.0	165	27	18	0	420	695	0	0	-440
					420	165	556	0					

EARTHWORK - STH 51 'NB'

STATION	AREA (SF) Cut	Salvaged/Unusable Pavement Material	Fill	Rock Exc	Incremental Vol (CY) (Unadjusted) Cut	Salvaged/Unusable Pavement Material	Fill	Rock Exc	Cumulative Vol (CY) Cut 1.00	Expanded Fill 1.25	Expanded Rock 1.10	Mass Ordinate
					Note 1	Note 2	Note 3		Note 1			Note 4
108+36	152.3	22.1	0.1	0.0	0	0	0	0	0	0	0	0
108+50	174.5	22.1	0.3	0.0	85	11	0	0	85	0	0	73
109+00	224.4	22.1	0.0	0.0	369	41	0	0	454	0	0	401
109+50	268.2	22.1	0.0	0.0	456	41	0	0	910	0	0	816
110+00	329.2	22.9	0.0	0.0	553	42	0	0	1,463	0	0	1,328
110+50	391.1	24.2	0.0	0.0	667	44	0	0	2,130	0	0	1,951
111+00	506.0	25.0	0.0	0.0	831	46	0	0	2,961	0	0	2,736
111+50	622.1	26.3	0.0	0.0	1,045	48	0	0	4,006	0	0	3,733
112+00	767.0	30.0	0.0	0.0	1,286	52	0	0	5,292	0	0	4,968
112+50	951.3	33.3	0.0	0.4	1,591	59	0	0	6,883	0	0	6,500
113+00	1,125.9	33.3	0.1	45.9	1,923	62	0	43	8,806	-59	47	8,421
113+50	1,175.9	33.8	0.0	141.0	2,131	62	0	173	10,937	-296	238	10,728
114+00	1,232.4	36.3	0.0	293.2	2,230	65	0	402	13,167	-849	680	13,445
114+50	1,542.3	41.3	0.0	453.8	2,569	72	0	692	15,736	-1,800	1,441	16,894
115+00	2,333.4	35.4	0.0	738.3	3,589	71	0	1,104	19,325	-3,318	2,655	21,929
115+50	1,252.5	18.8	1.3	674.7	3,320	50	1	1,308	22,645	-5,116	4,094	26,997
116+00	647.4	0.0	0.0	474.4	1,759	17	1	1,064	24,404	-6,577	5,265	30,200
116+50	247.1	0.0	0.0	210.6	828	0	0	634	25,233	-7,449	5,963	31,900
116+65.65	159.6	0.0	0.0	125.1	118	0	0	97	25,350	-7,583	6,070	32,152
					25,350	782	3	5,518				

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
2 - Salvaged/Unusable Pavement Material	This does not show up in cross sections
3 - Fill	Does not include Unusable Pavement Exc volume
4 - Mass Ordinate	Cut - Salvaged Pavt - ((Fill - Expanded Rock) * Fill Factor)

PROJECT NUMBER:	HWY:	COUNTY:	COMPUTER EARTHWORK DATA	SHEET: PRE_198	E

EARTHWORK - USH 2 EB RIGHT TURN LANE 'EOT'

STATION	AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)			
	Cut	Salvaged/Unusable Pavement Material	Fill	Rock Exc	Cut	Salvaged/Unusable Pavement Material	Fill	Rock Exc	Cut 1.00	Expanded Fill 1.25	Expanded Rock 1.10	Mass Ordinate
					Note 1	Note 2	Note 3		Note 1			Note 4
223+00	318.59	2.5	215.79	84.99	0	0	0	0	0	0	0	0
223+50	624.36	1.3	161.20	97.89	873	4	349	169	873	203	186	666
224+00	850.30	16.7	178.37	84.15	1,365	17	314	169	2,239	365	372	1,854
224+50	988.48	14.2	146.21	131.94	1,703	29	301	200	3,941	465	592	3,427
225+00	1097.34	13.8	84.42	304.71	1,931	26	214	404	5,872	176	1,037	5,621
225+50	1089.92	14.6	86.40	418.17	2,025	26	158	669	7,898	-546	1,773	8,343
226+00	936.51	14.6	58.09	445.41	1,876	27	134	800	9,774	-1,479	2,652	11,124
226+50	680.72	14.6	6.81	327.28	1,497	27	60	715	11,271	-2,387	3,439	13,503
					11,271	155	1,530	3,127				

EARTHWORK - STH 51 NB RIGHT TURN LANE 'NOT'

STATION	AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)			
	Cut	Salvaged/Unusable Pavement Material	Fill	Rock Exc	Cut	Salvaged/Unusable Pavement Material	Fill	Rock Exc	Cut 1.00	Expanded Fill 1.25	Expanded Rock 1.10	Mass Ordinate
					Note 1	Note 2	Note 3		Note 1			Note 4
115+50	1136.4	10.8	0.0	256.7	0	0	0	0	0	0	0	0
116+00	699.7	10.4	0.0	164.8	1,700	20	0	390	1,700	-537	429	2,217
116+50	602.8	10.4	0.0	8.4	1,206	19	0	160	2,906	-757	606	3,624
117+00	370.3	10.4	0.0	0.0	901	19	0	8	3,807	-768	614	4,517
117+50	182.0	12.1	74.0	0.0	511	21	68	0	4,319	-682	614	4,922
					4,319	79	68	558				

EARTHWORK - ROUNDABOUT 'CC'

STATION	AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)			
	Cut	Salvaged/Unusable Pavement Material	Fill	Rock Exc	Cut	Salvaged/Unusable Pavement Material	Fill	Rock Exc	Cut 1.00	Expanded Fill 1.25	Expanded Rock 1.10	Mass Ordinate
					Note 1	Note 2	Note 3		Note 1			Note 4
00+00.1	0.0	0.0	499.4	0.0	0	0	0	0	0	0	0	0
00+50	0.0	19.2	292.2	0.0	0	18	732	0	0	914	0	-932
01+00	0.0	15.0	330.4	0.0	0	32	577	0	0	1,635	0	-1,684
01+50	0.0	20.8	361.1	0.0	0	33	640	0	0	2,435	0	-2,518
02+00	88.7	0.0	297.9	0.0	82	19	610	0	82	3,198	0	-3,218
02+50	313.7	0.0	173.4	180.1	373	0	436	167	455	3,514	183	-3,161
03+00	247.6	0.0	162.6	165.5	520	0	311	320	974	3,463	535	-2,591
03+50	146.7	0.0	239.8	0.0	365	0	373	153	1,339	3,718	704	-2,481
					1,339	102	3,678	640				

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
2 - Salvaged/Unusable Pavement Material	This does not show up in cross sections
3 - Fill	Does not include Unusable Pavement Exc volume
4 - Mass Ordinate	Cut - Salvaged Pavt - ((Fill - Expanded Rock) * Fill Factor)

EARTHWORK - USH 2 EB EXIT RAMP 'XER'

STATION	AREA (SF) Cut	Salvaged/Unusable Pavement Material	Fill	Rock Exc	Incremental Vol (CY) (Unadjusted) Cut	Salvaged/Unusable Pavement Material	Fill	Rock Exc	Cumulative Vol (CY) Cut 1.00	Expanded Fill 1.25	Expanded Rock 1.10	Mass Ordinate
					Note 1	Note 2	Note 3		Note 1			Note 4
321+50	99.9	9.2	0.0	0.0	0	0	0	0	0	0	0	0
322+00	100.3	9.2	0.0	0.0	185	17	0	0	185	0	0	168
322+50	45.6	9.2	0.0	0.0	135	17	0	0	320	0	0	286
323+00	52.9	9.2	0.0	0.0	91	17	0	0	412	0	0	361
323+50	53.7	9.2	0.0	0.0	99	17	0	0	510	0	0	442
324+00	51.9	9.2	0.0	0.0	98	17	0	0	608	0	0	523
324+50	52.0	9.2	0.0	0.0	96	17	0	0	705	0	0	602
325+00	39.2	9.2	0.4	0.0	84	17	0	0	789	0	0	669
325+50	20.4	9.2	0.1	0.0	55	17	0	0	844	1	0	707
					844	136	1	0				

EARTHWORK - USH 2 WB EXIT RAMP 'XWR'

STATION	AREA (SF) Cut	Salvaged/Unusable Pavement Material	Fill	Rock Exc	Incremental Vol (CY) (Unadjusted) Cut	Salvaged/Unusable Pavement Material	Fill	Rock Exc	Cumulative Vol (CY) Cut 1.00	Expanded Fill 1.25	Expanded Rock 1.10	Mass Ordinate
					Note 1	Note 2	Note 3		Note 1			Note 4
121+50	103.8	9.2	4.4	0.0	0	0	0	0	0	0	0	0
122+00	191.5	9.2	4.1	0.0	273	17	8	0	273	10	0	246
122+50	257.5	10.4	7.3	0.0	416	18	11	0	689	23	0	631
123+00	235.2	10.4	15.0	0.0	456	19	21	0	1,145	49	0	1,042
123+50	223.7	10.4	22.7	0.0	425	19	35	0	1,570	93	0	1,404
124+00	216.9	10.4	30.4	0.0	408	19	49	0	1,978	154	0	1,731
124+50	174.5	10.4	42.5	0.0	362	19	68	0	2,340	238	0	1,990
125+00	144.8	10.4	73.1	0.0	296	19	107	0	2,636	372	0	2,132
125+50	126.7	10.4	31.5	0.0	251	19	97	0	2,887	493	0	2,244
126+00	149.4	10.4	0.0	0.0	256	19	29	0	3,143	530	0	2,443
					3,143	170	424	0				

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
2 - Salvaged/Unusable Pavement Material	This does not show up in cross sections
3 - Fill	Does not include Unusable Pavement Exc volume
4 - Mass Ordinate	Cut - Salvaged Pavt - ((Fill - Expanded Rock) * Fill Factor)

EARTHWORK - STH 51 TEMPORARY BYPASS 'TRN'

STATION	AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)			
	Cut	Salvaged/Unusable Pavement Material	Fill	Rock Exc	Cut	Salvaged/Unusable Pavement Material	Fill	Rock Exc	Cut 1.00	Expanded Fill 1.25	Expanded Rock 1.10	Mass Ordinate
					Note 1	Note 2	Note 3		Note 1			Note 4
09+14.59	19.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0
09+50	38.2	0.0	3.0	0.0	38	0	2	0	38	2	0	35
10+00	14.7	0.0	6.4	0.0	49	0	9	0	87	13	0	73
10+50	28.0	0.0	7.6	0.0	40	0	13	0	126	30	0	96
11+00	105.3	0.0	0.0	0.0	123	0	7	0	249	38	0	211
11+50	21.5	0.0	1.8	0.0	117	0	2	0	367	41	0	326
12+00	9.4	0.0	22.7	0.0	29	0	23	0	395	69	0	326
12+50	11.3	0.0	18.6	0.0	19	0	38	0	415	117	0	298
13+00	18.4	0.0	13.6	0.0	28	0	30	0	442	154	0	288
13+50	24.6	0.0	13.0	0.0	40	0	25	0	482	185	0	297
14+00	56.1	0.0	9.2	0.0	75	0	21	0	557	210	0	346
14+50	62.7	0.0	6.6	0.0	110	0	15	0	666	229	0	438
15+00	54.9	0.0	4.5	0.0	109	0	10	0	775	241	0	534
15+50	44.0	0.0	3.8	0.0	92	0	8	0	867	251	0	616
16+00	16.1	0.0	6.1	0.0	56	0	9	0	923	262	0	660
16+50	13.8	0.0	5.3	0.0	28	0	11	0	950	276	0	675
17+00	12.8	0.0	9.1	0.0	25	0	13	0	975	292	0	683
17+50	11.9	0.0	7.3	0.0	23	0	15	0	998	311	0	687
18+00	11.8	0.0	3.3	0.0	22	0	10	0	1,020	323	0	696
18+50	12.4	0.0	0.0	0.0	22	0	3	0	1,042	327	0	715
19+00	14.2	0.0	0.0	0.0	25	0	0	0	1,067	327	0	740
19+50	12.8	0.0	2.8	0.0	25	0	3	0	1,092	331	0	761
20+00	16.9	0.0	15.2	0.0	27	0	17	0	1,119	351	0	768
20+50	16.2	0.0	22.5	0.0	31	0	35	0	1,150	395	0	755
21+00	16.0	0.0	24.4	0.0	30	0	43	0	1,180	450	0	730
21+50	18.4	0.0	25.6	0.0	32	0	46	0	1,212	507	0	704
22+00	8.0	0.0	24.8	0.0	24	0	47	0	1,236	566	0	671
22+50	8.1	0.0	48.8	0.0	15	0	68	0	1,251	651	0	600
23+00	8.8	0.0	80.2	0.0	16	0	119	0	1,267	800	0	467
23+50	4.2	0.0	120.4	0.0	12	0	186	0	1,279	1,032	0	247
24+00	0.0	0.0	68.9	0.0	4	0	175	0	1,283	1,251	0	31
24+50	32.6	0.0	3.8	0.0	30	0	67	0	1,313	1,336	0	-23
25+00	93.9	0.0	0.2	0.0	117	0	4	0	1,430	1,340	0	90
25+50	125.5	0.0	11.3	0.0	203	0	11	0	1,633	1,354	0	280
26+00	103.9	0.0	19.8	0.0	212	0	29	0	1,846	1,390	0	456
26+50	35.4	0.0	51.9	0.0	129	0	66	0	1,975	1,473	0	502
26+78.91	9.7	0.0	15.6	0.0	24	0	36	0	1,999	1,518	0	481
					1,999	0	1,214	0				

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
2 - Salvaged/Unusable Pavement Material	This does not show up in cross sections
3 - Fill	Does not include Unusable Pavement Exc volume
4 - Mass Ordinate	Cut - Salvaged Pavt - ((Fill - Expanded Rock) * Fill Factor)

EARTHWORK - USH 2 EB TEMPORARY WIDENEING 'EXE'

STATION	AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)			
	Cut	Salvaged/Unusable Pavement Material	Fill	Rock Exc	Cut	Salvaged/Unusable Pavement Material	Fill	Rock Exc	Cut 1.00	Expanded Fill 1.25	Expanded Rock 1.10	Mass Ordinate
					Note 1	Note 2	Note 3		Note 1			Note 4
212+89.94	7.7	0.0	0.0	0.0	0	0	0	0	0	0	0	0
213+00	7.7	0.0	0.0	0.0	3	0	0	0	3	0	0	3
213+50	7.7	0.0	0.2	0.0	14	0	0	0	17	0	0	17
214+00	8.0	0.0	2.3	0.0	15	0	2	0	32	3	0	29
214+50	8.3	0.0	4.7	0.0	15	0	7	0	47	11	0	36
215+00	7.5	0.0	7.8	0.0	15	0	12	0	61	26	0	36
215+50	7.3	0.0	45.0	0.0	14	0	49	0	75	87	0	-12
216+00	7.1	0.0	42.6	0.0	13	0	81	0	88	188	0	-100
216+50	8.8	0.0	34.7	0.0	15	0	72	0	103	278	0	-175
217+00	9.3	0.0	32.6	0.0	17	0	62	0	120	356	0	-236
217+50	9.2	0.0	32.2	0.0	17	0	60	0	137	431	0	-293
218+00	9.4	0.0	33.3	0.0	17	0	61	0	154	506	0	-352
218+50	9.1	0.0	34.4	0.0	17	0	63	0	171	585	0	-413
219+00	8.6	0.0	6.5	0.0	16	0	38	0	188	632	0	-444
219+50	9.5	0.0	2.7	0.0	17	0	9	0	204	643	0	-438
220+00	11.2	0.0	0.1	0.0	19	0	3	0	224	646	0	-422
220+50	9.4	0.0	0.0	0.0	19	0	0	0	243	646	0	-403
220+92.09	9.6	0.0	0.0	0.0	15	0	0	0	258	646	0	-389
					258	0	517	0				

EARTHWORK - USH 2 WB TEMPORARY RIGHT TURN LANE 'TRW'

STATION	AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)			
	Cut	Salvaged/Unusable Pavement Material	Fill	Rock Exc	Cut	Salvaged/Unusable Pavement Material	Fill	Rock Exc	Cut 1.00	Expanded Fill 1.25	Expanded Rock 1.10	Mass Ordinate
					Note 1	Note 2	Note 3		Note 1			Note 4
102+54.79	11.3	0.0	0.0	0.0	0	0	0	0	0	0	0	0
103+00	9.6	0.0	0.0	0.0	17	0	0	0	17	0	0	17
103+50	8.6	0.0	3.8	0.0	17	0	4	0	34	4	0	30
104+00	9.1	0.0	5.8	0.0	16	0	9	0	51	16	0	35
104+50	9.7	0.0	5.4	0.0	17	0	10	0	68	29	0	39
105+00	9.3	0.0	6.0	0.0	18	0	11	0	85	42	0	44
105+50	9.0	0.0	6.5	0.0	17	0	12	0	102	56	0	46
106+00	8.8	0.0	5.0	0.0	16	0	11	0	119	70	0	49
106+50	19.9	0.0	0.3	0.0	27	0	5	0	145	76	0	70
107+00	20.0	0.0	0.5	0.0	37	0	1	0	182	77	0	106
107+50	17.8	0.0	1.2	0.0	35	0	2	0	217	79	0	139
107+54.79	0.0	0.0	0.0	0.0	2	0	0	0	219	79	0	140
					219	0	63	0				

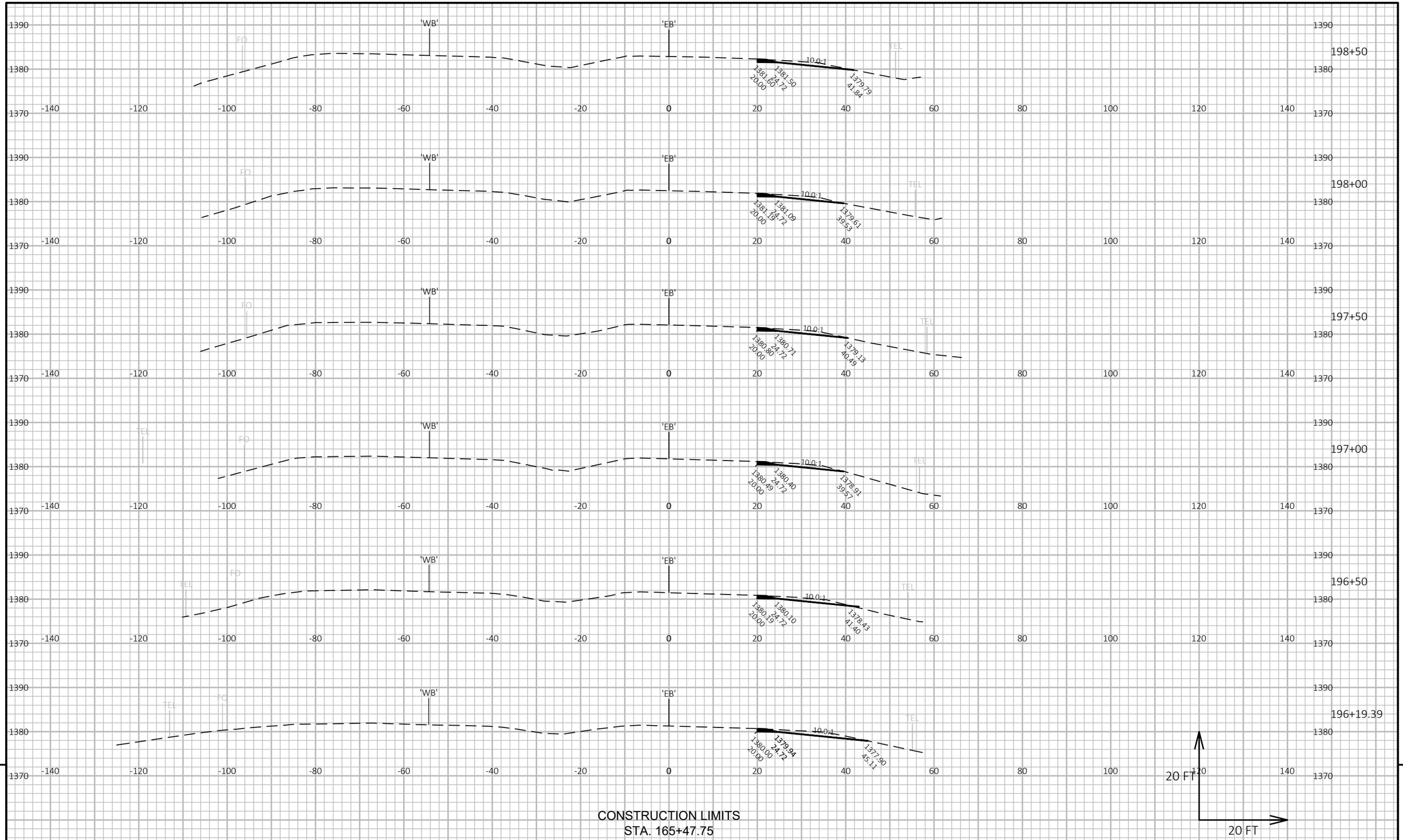
Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
2 - Salvaged/Unusable Pavement Material	This does not show up in cross sections
3 - Fill	Does not include Unusable Pavement Exc volume
4 - Mass Ordinate	Cut - Salvaged Pavt - ((Fill - Expanded Rock) * Fill Factor)

EARTHWORK - USH 2 WB TEMPORARY CROSSOVER 'WB'

STATION	AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)			
	Cut	Salvaged/Unusable Pavement Material	Fill	Rock Exc	Cut	Salvaged/Unusable Pavement Material	Fill	Rock Exc	Cut 1.00	Expanded Fill 1.25	Expanded Rock 1.10	Mass Ordinate
					Note 1	Note 2	Note 3		Note 1			Note 4
182+27.96	4.4	0.0	0.0	0.0	0	0	0	0	0	0	0	0
182+50	7.4	0.0	0.0	0.0	5	0	0	0	5	0	0	5
183+00	8.8	0.0	0.0	0.0	15	0	0	0	20	0	0	20
183+50	5.9	0.0	1.6	0.0	14	0	1	0	34	2	0	32
184+00	6.1	0.0	9.7	0.0	11	0	11	0	45	15	0	30
184+50	7.4	0.0	10.7	0.0	12	0	19	0	57	39	0	18
185+00	6.9	0.0	2.5	0.0	13	0	12	0	70	54	0	16
185+50	10.3	0.0	0.0	0.0	16	0	2	0	86	57	0	30
186+00	10.0	0.0	0.0	0.0	19	0	0	0	105	57	0	48
186+50	9.4	0.0	0.0	0.0	18	0	0	0	123	57	0	66
186+98.27	9.5	0.0	0.0	0.0	17	0	0	0	140	57	0	83
					140	0	45	0				

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
2 - Salvaged/Unusable Pavement Material	This does not show up in cross sections
3 - Fill	Does not include Unusable Pavement Exc volume
4 - Mass Ordinate	Cut - Salvaged Pavt - ((Fill - Expanded Rock) * Fill Factor)

PROJECT NUMBER:	HWY:	COUNTY:	COMPUTER EARTHWORK DATA	SHEET: PRE_203	E



CONSTRUCTION LIMITS
STA. 165+47.75

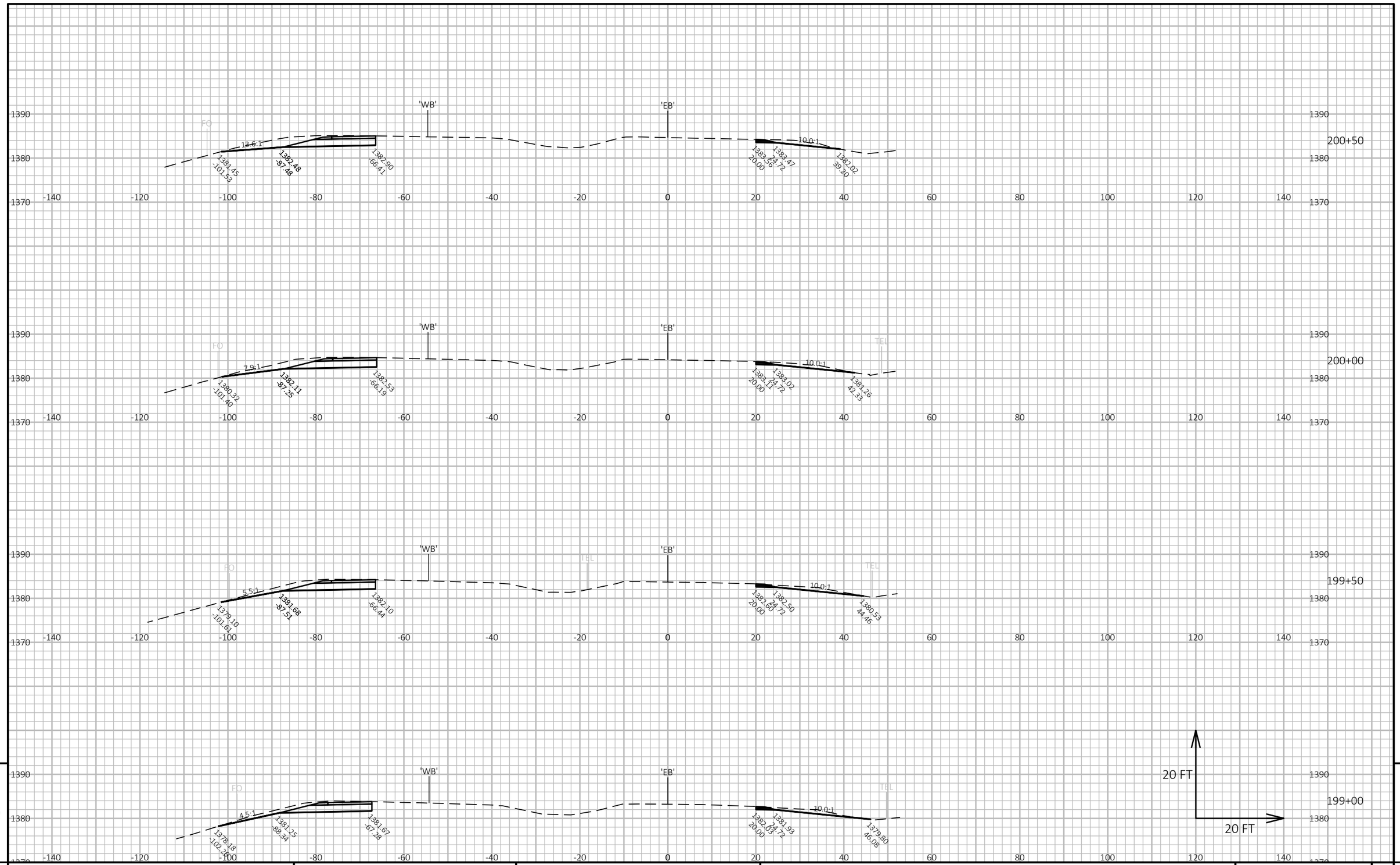
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PRE_204

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LAYOUT NAME - 1

PLOT DATE : 9/1/2020 11:05 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: USH 2 - EB	SHEET E

PRE_205

FILE NAME : V:\TRANS-GB\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 2

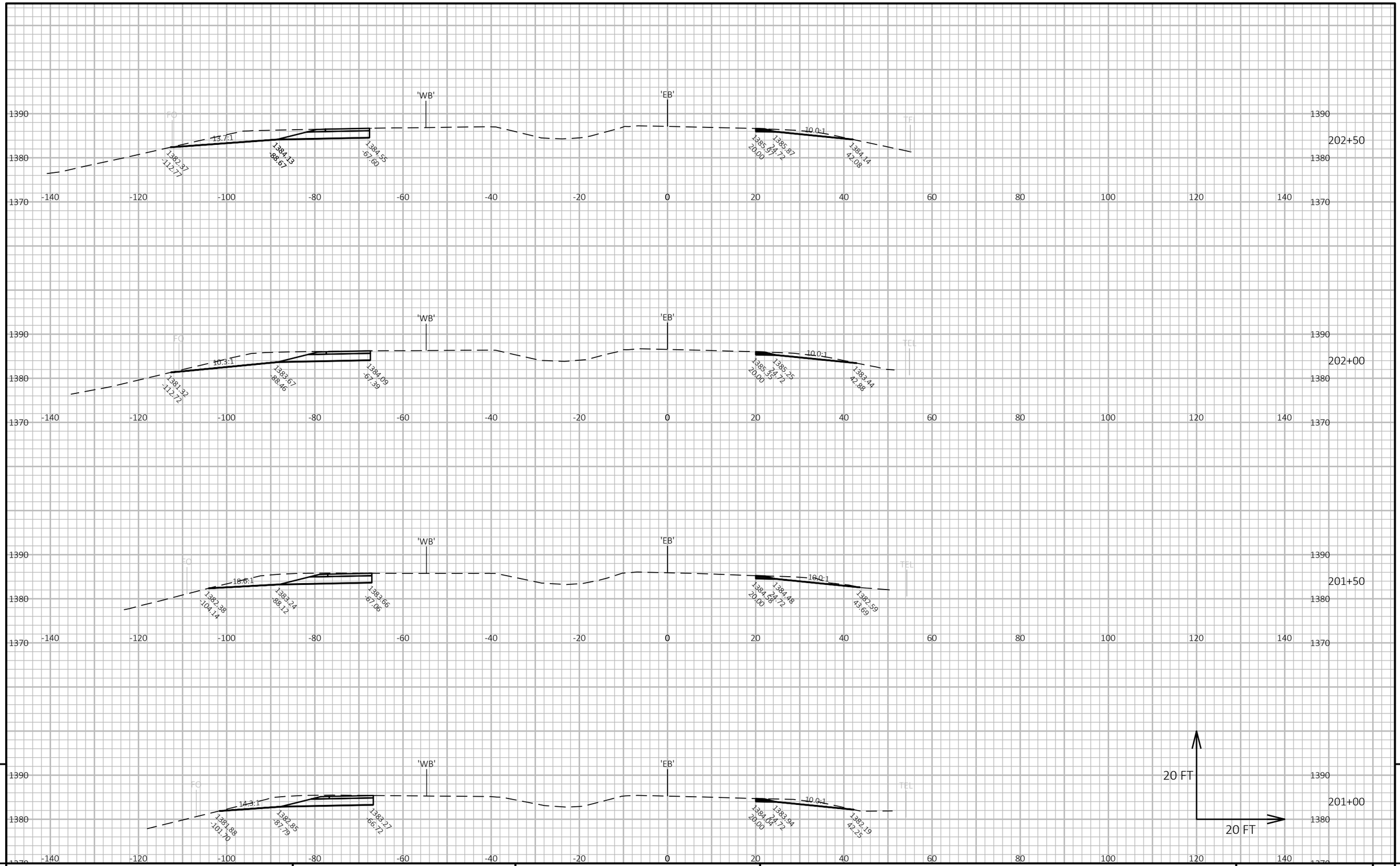
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PLOT BY : GARNICA, BRANDON

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: USH 2 - EB	SHEET E

FILE NAME : V:\TRANS-GB\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090201_XS.DWG
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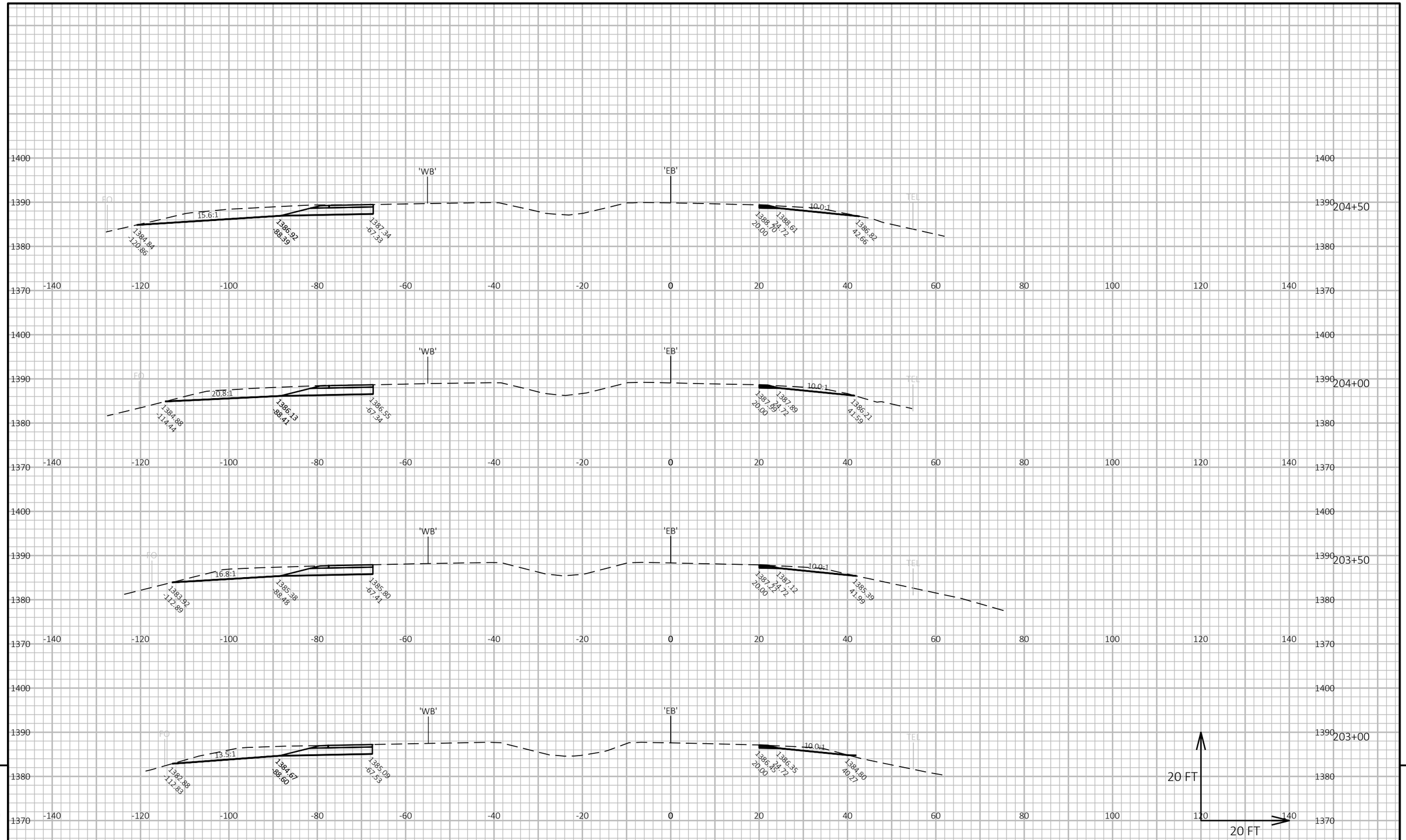
PLOT BY : GARNICA, BRANDON

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

PRE_206

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: USH 2 - EB	SHEET PRE_207 E

FILE NAME : V:\TRANS-GB\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 4

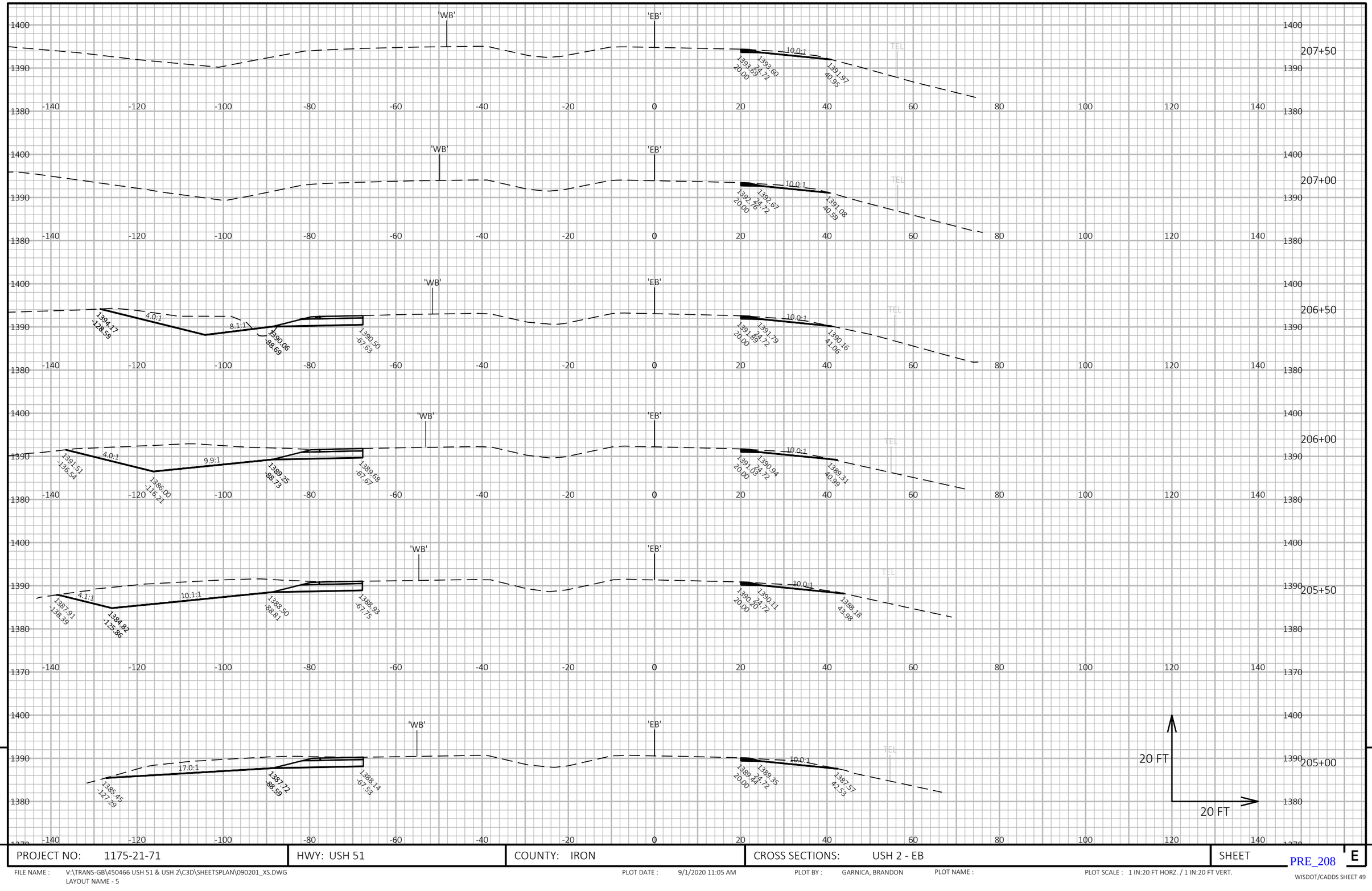
PLOT DATE : 9/1/2020 11:05 AM

PLOT BY : GARNICA, BRANDON

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9				9
PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: USH 2 - EB	SHEET E

FILE NAME : V:\TRANS-GB\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090201_XS.DWG
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PLOT DATE : 9/1/2020 11:05 AM

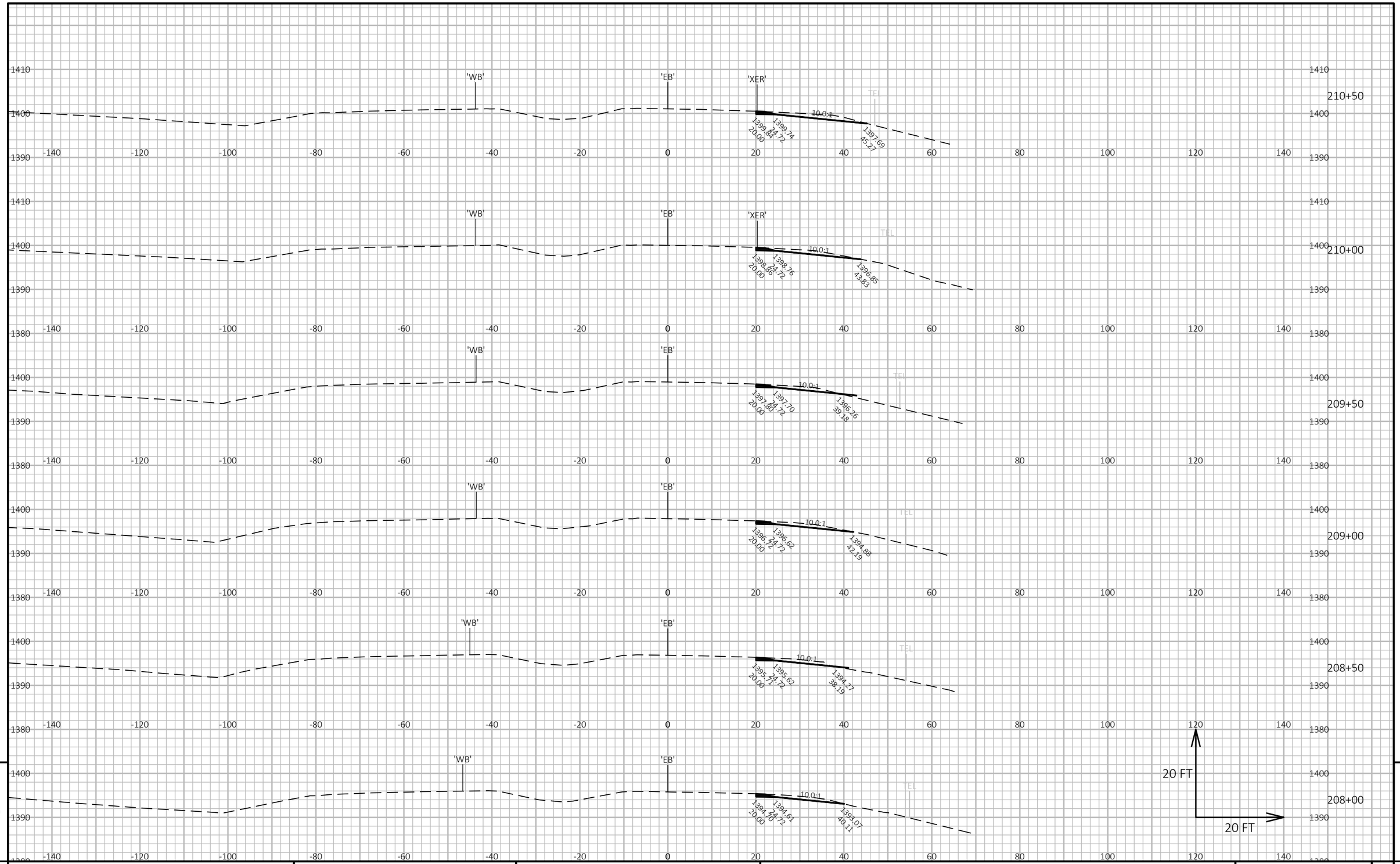
PLOT BY : GARNICA, BRANDON

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

PRE_208

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: USH 2 - EB	SHEET E

PRE_209

FILE NAME : V:\TRANS-GB\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 6

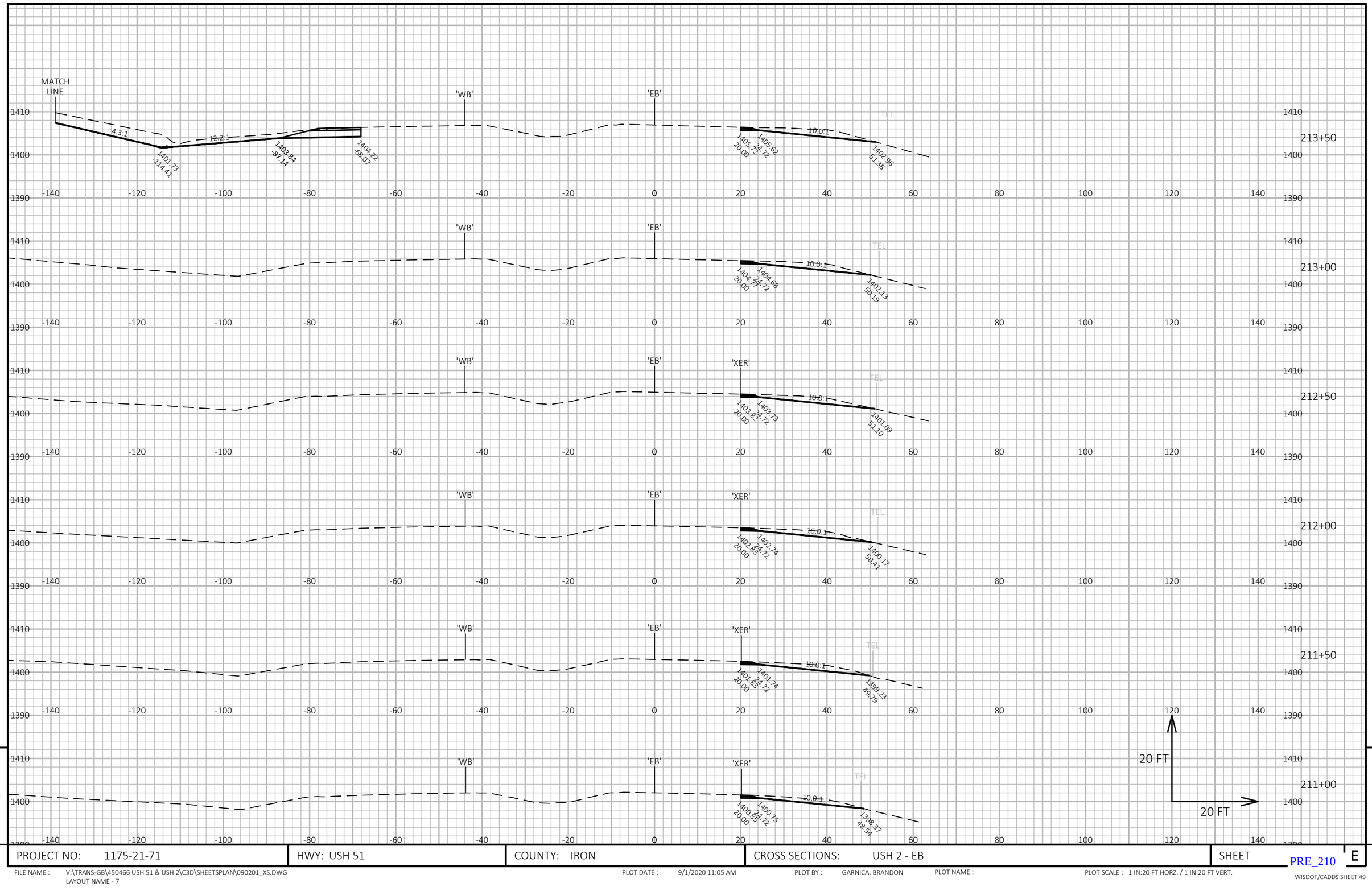
PLOT DATE : 9/1/2020 11:05 AM

PLOT BY : GARNICA, BRANDON

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

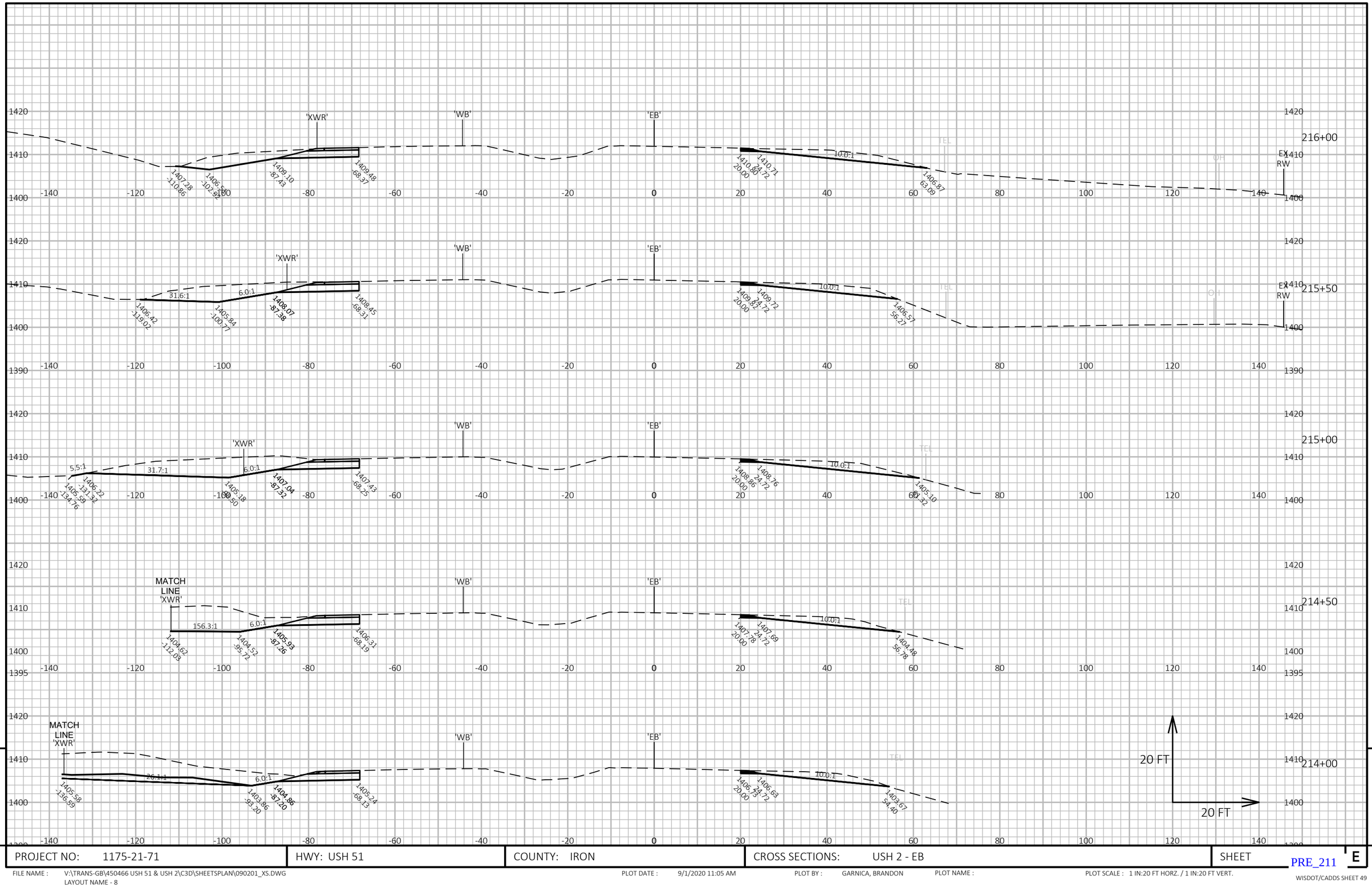
9

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: USH 2 - EB	SHEET PRE_210 E

FILE NAME : V:\TRANS-GB\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 7

PLOT DATE : 9/1/2020 11:05 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: USH 2 - EB	SHEET E

FILE NAME : V:\TRANS-GB\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 8

PLOT DATE : 9/1/2020 11:05 AM

PLOT BY : GARNICA, BRANDON

PLOT NAME :

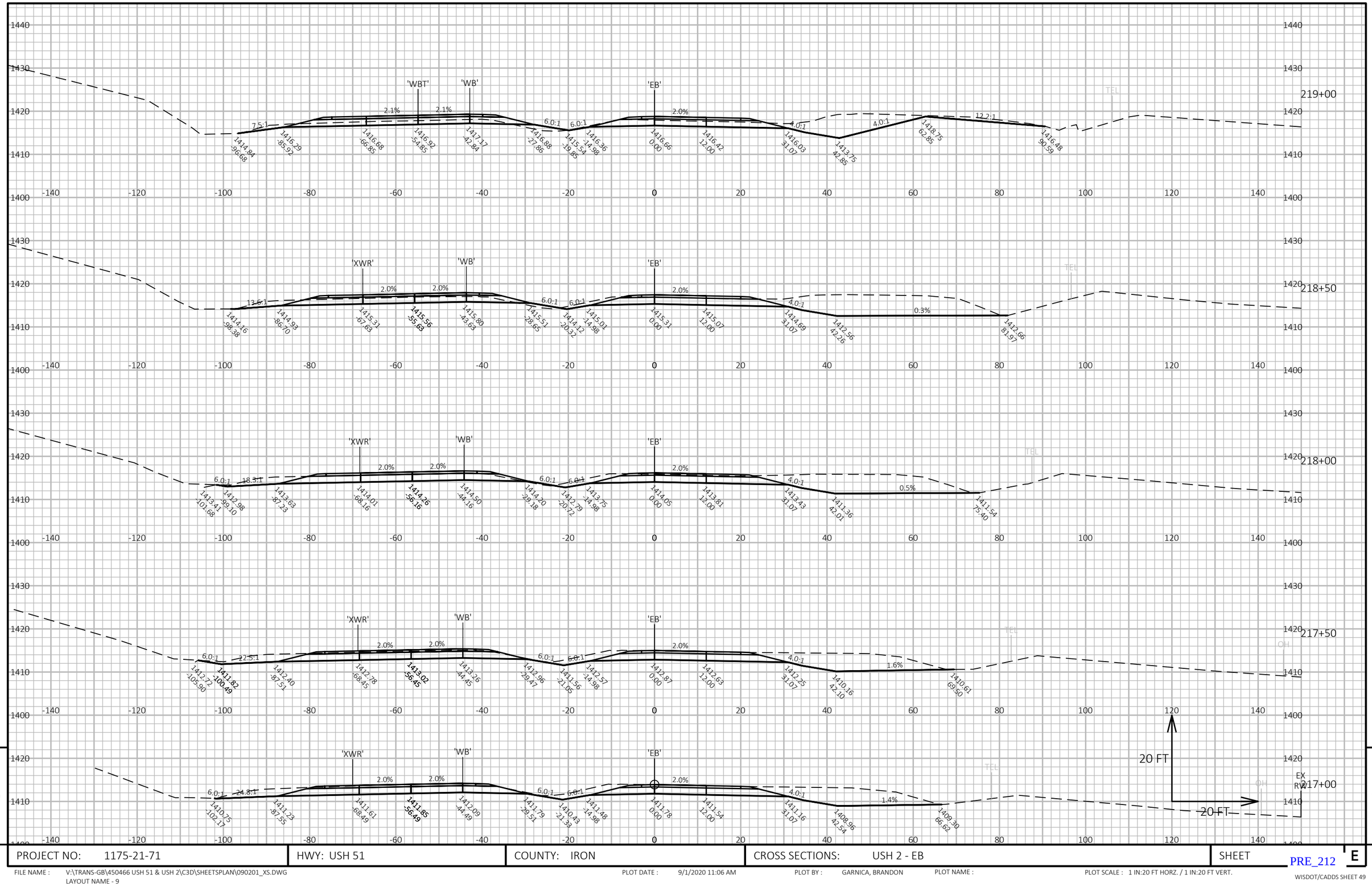
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

PRE_211

WISDOT/CADDS SHEET 49

9

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9

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: USH 2 - EB	SHEET E

PRE_212

FILE NAME : V:\TRANS-GB\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 9

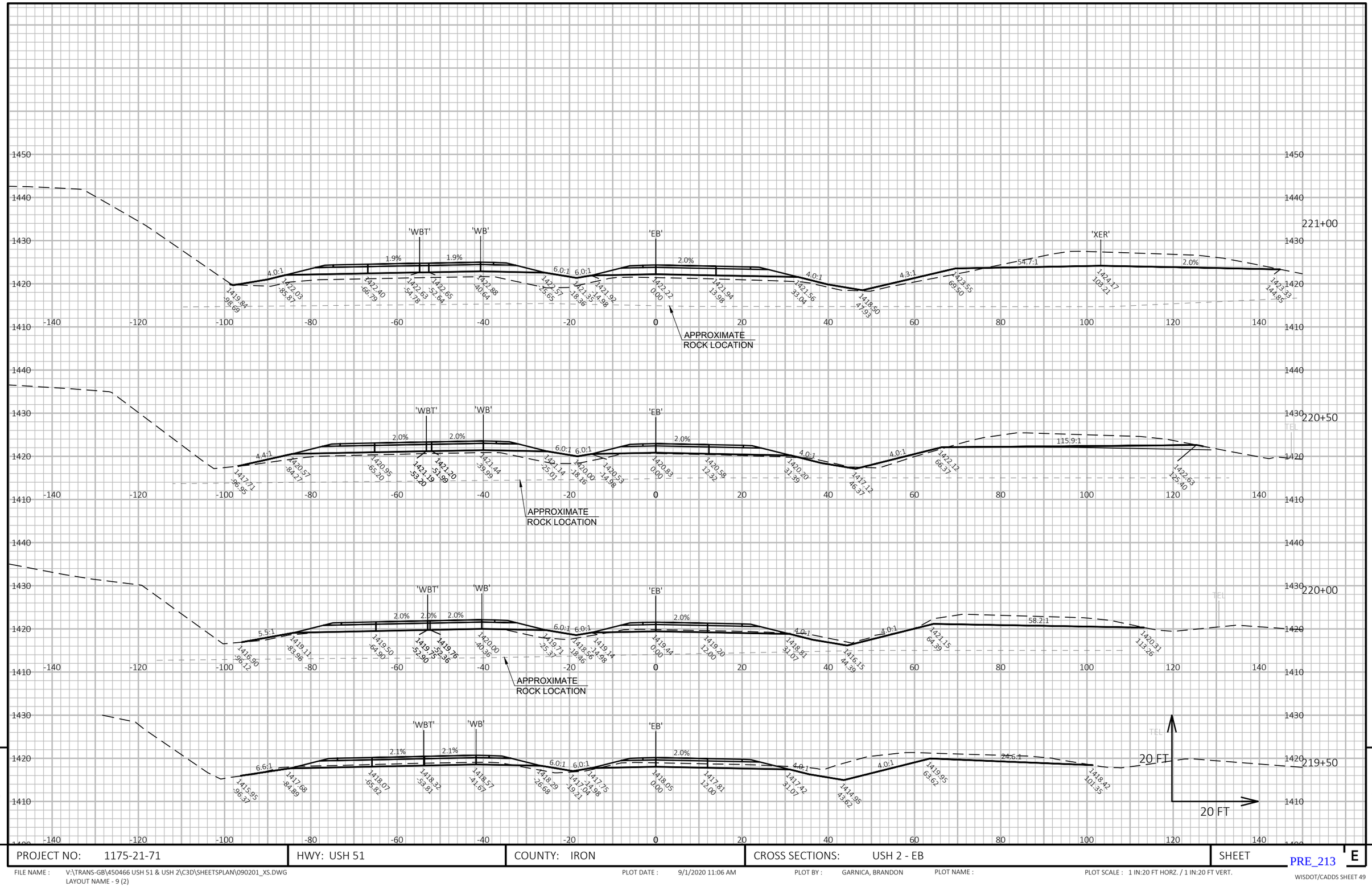
PLOT DATE : 9/1/2020 11:06 AM

PLOT BY : GARNICA, BRANDON

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: USH 2 - EB	SHEET E

FILE NAME : V:\TRANS-GB\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 9 (2)

PLOT DATE : 9/1/2020 11:06 AM

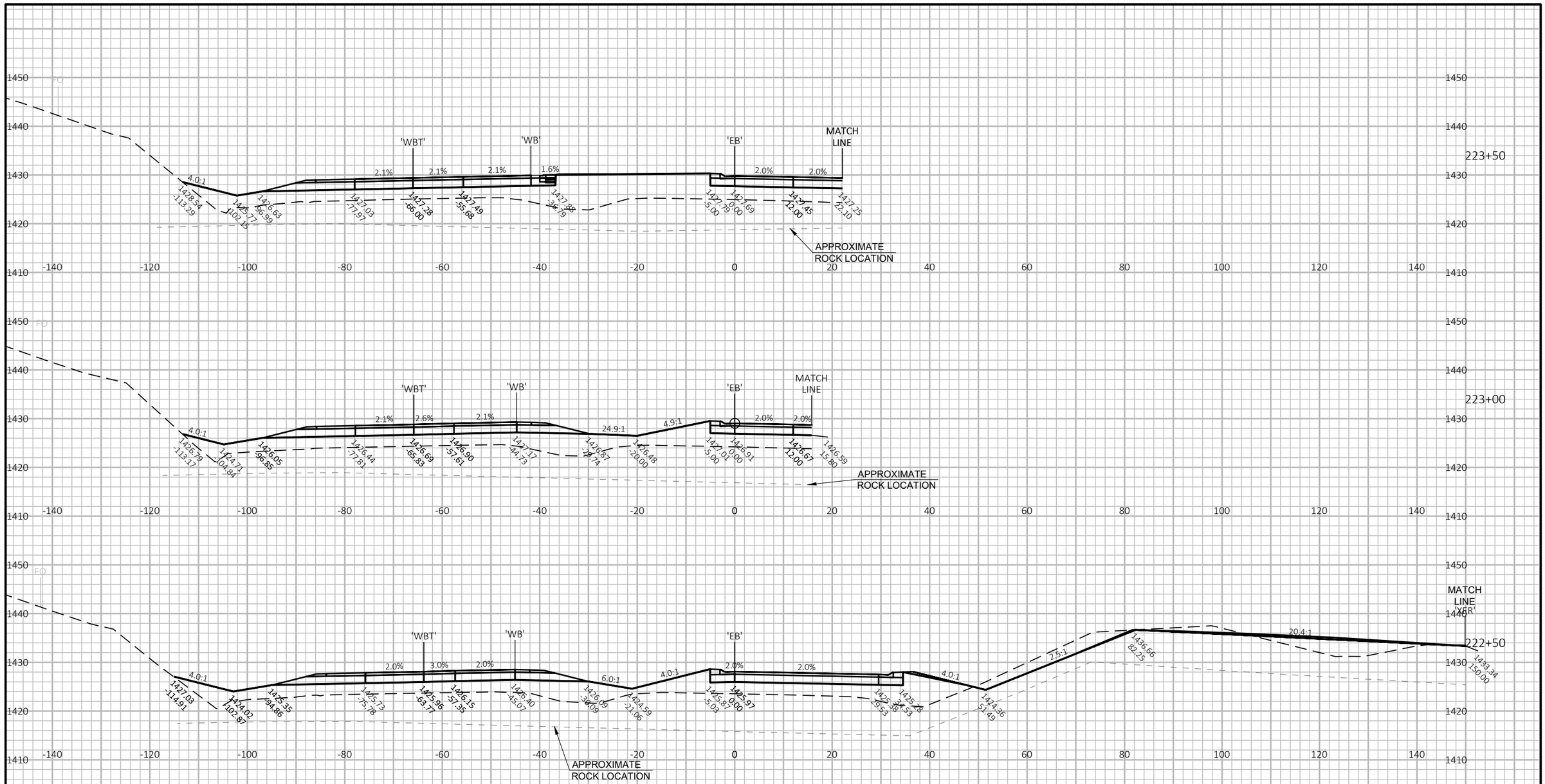
PLOT BY : GARNICA, BRANDON

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

PRE_213

WISDOT/CADDS SHEET 49



9

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: USH 2 - EB	SHEET E

PRE_214

FILE NAME : V:\TRANS-GB\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 9 (3)

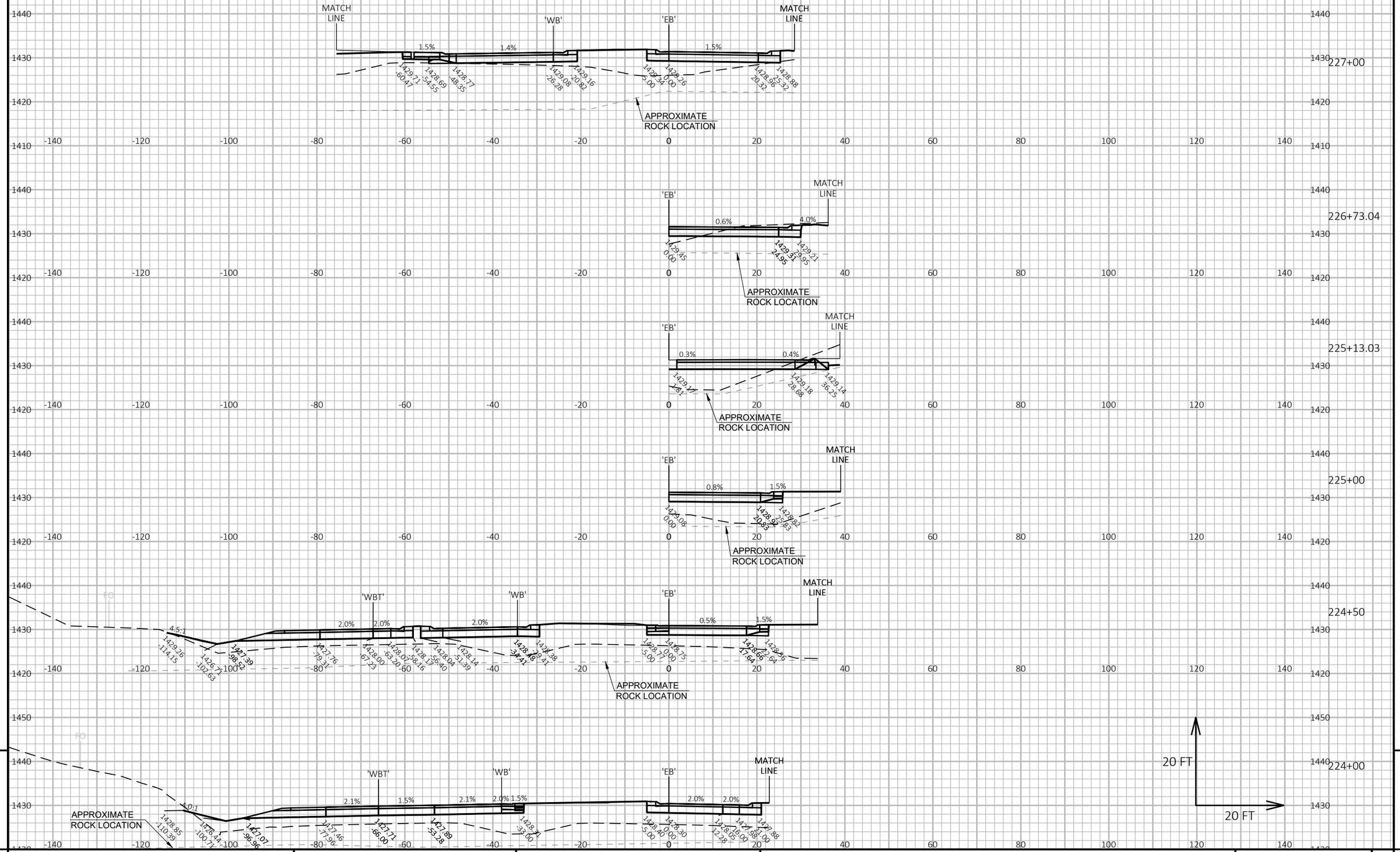
PLOT DATE : 9/1/2020 11:06 AM

PLOT BY : GARNICA, BRANDON

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: USH 2 - EB	SHEET PRE_215 E

FILE NAME : V:\TRANS-GB\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 9 (4)

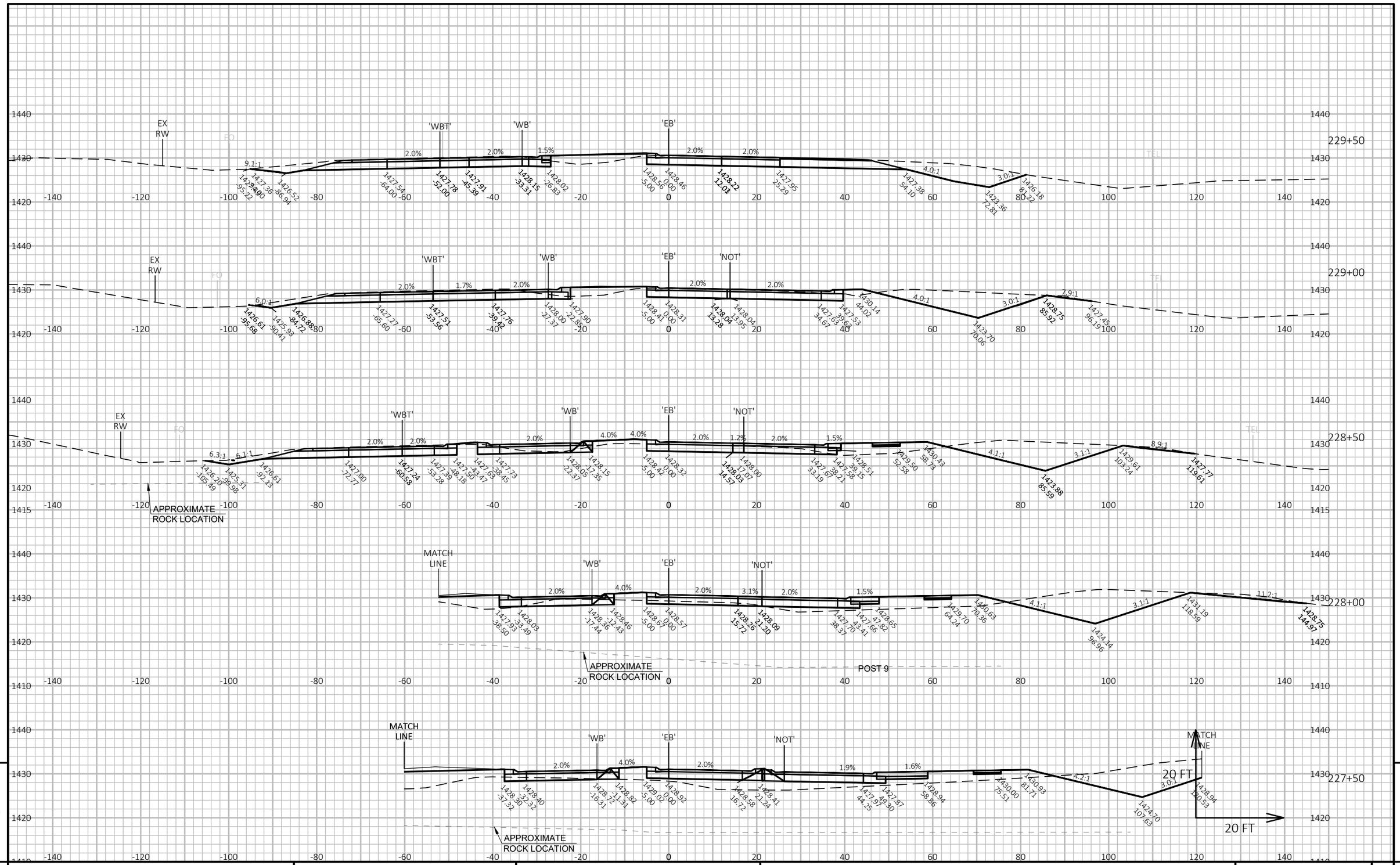
PLOT DATE : 9/1/2020 11:06 AM

PLOT BY : GARNICA, BRANDON

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: USH 2 - EB	SHEET E

PRE_216

FILE NAME : V:\TRANS-GB\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 9 (5)

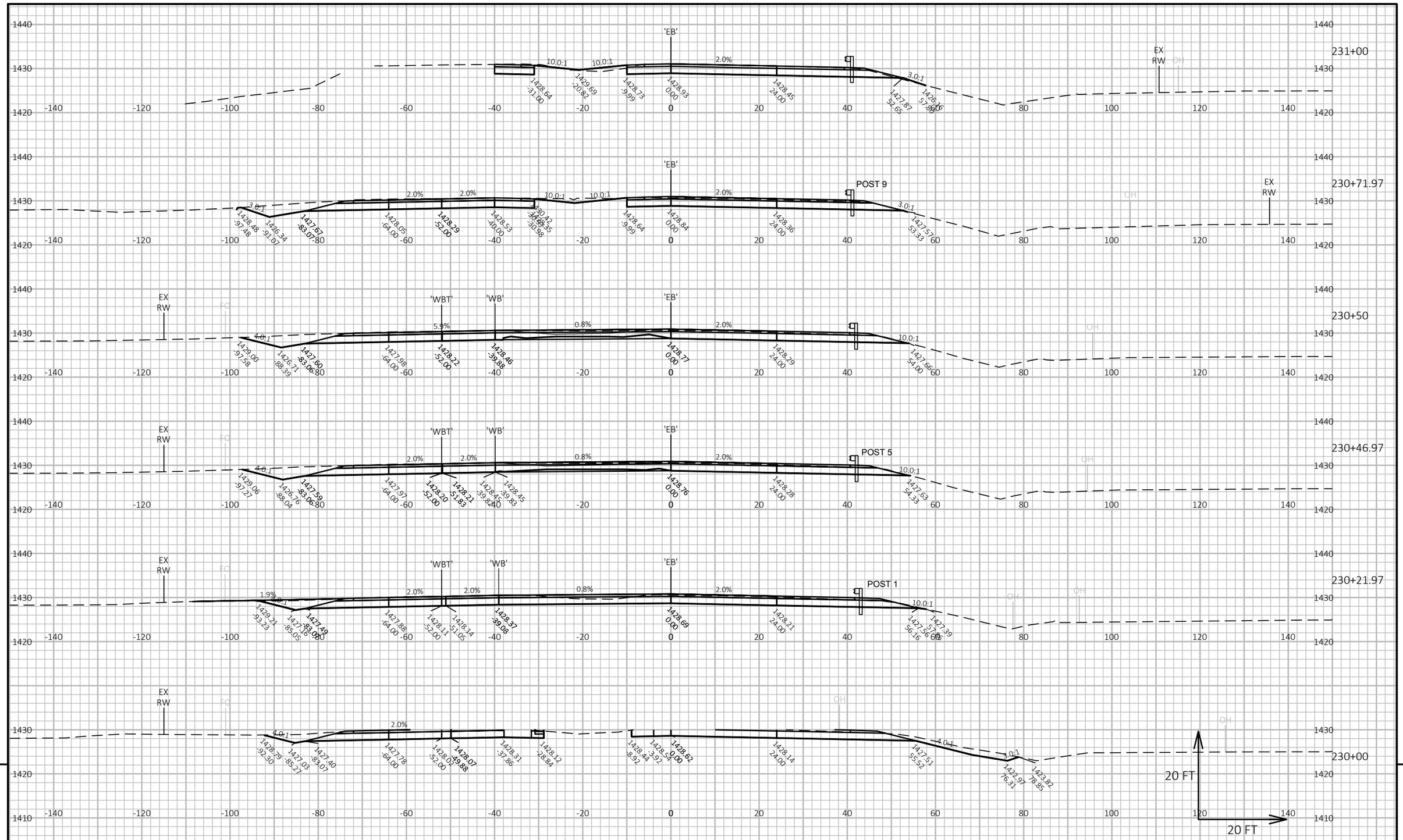
PLOT DATE : 9/1/2020 11:06 AM

PLOT BY : GARNICA, BRANDON

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: USH 2 - EB	SHEET E

PRE_217

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 9 (6)

PLOT DATE : 9/1/2020 11:06 AM

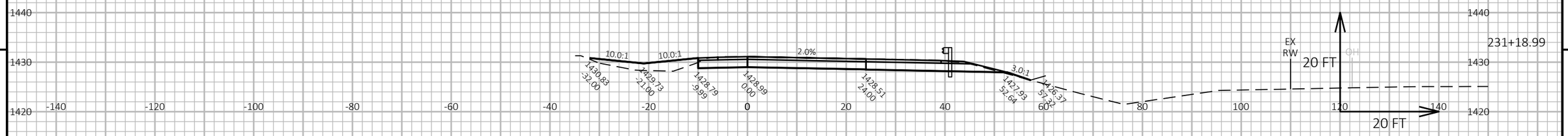
PLOT BY : GARNICA, BRANDON

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

CONSTRUCTION LIMITS
STA. 231+63.10EB



9

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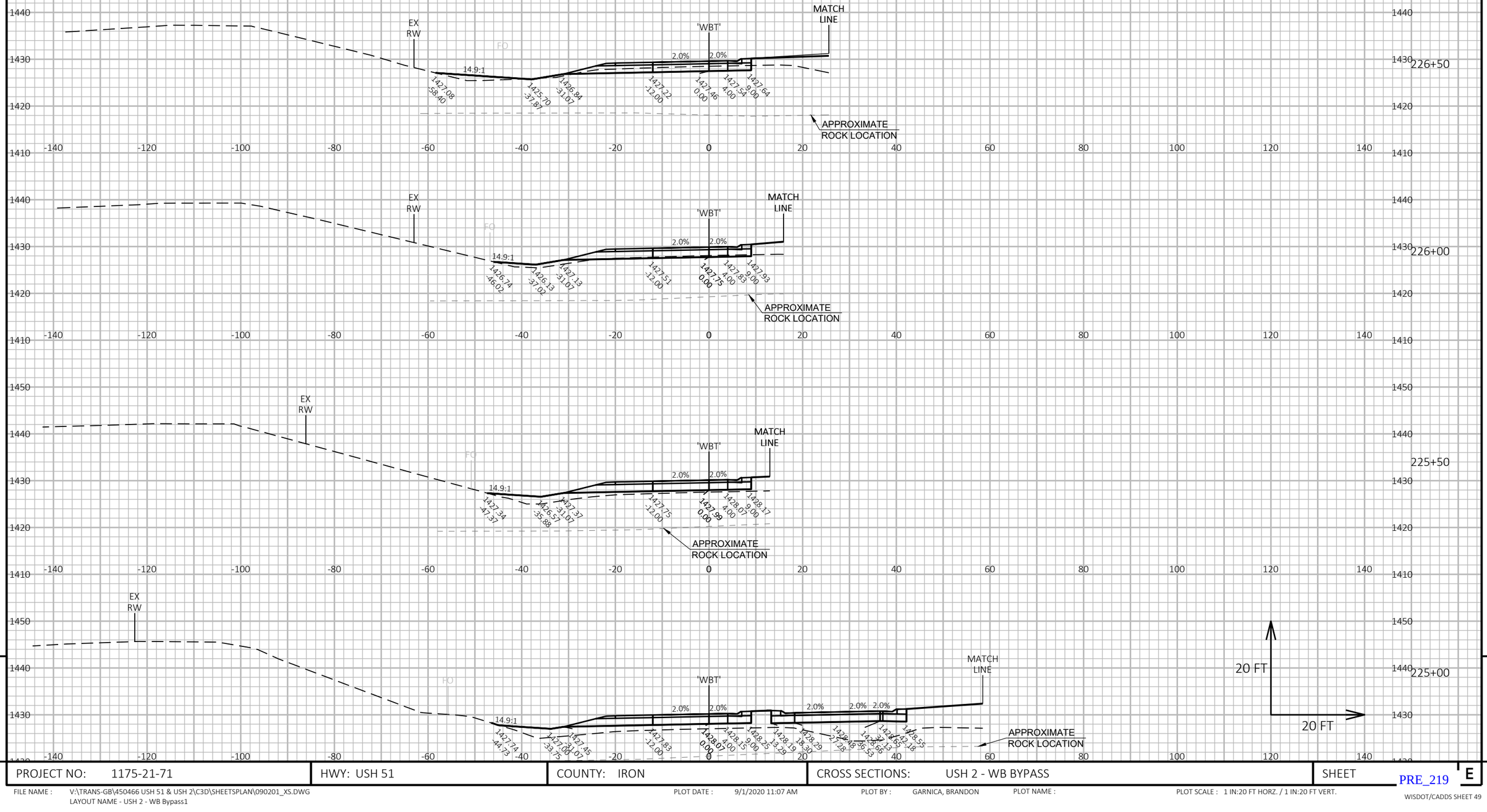
PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: USH 2 - EB	SHEET E

PRE_218

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 9 (7)

PLOT DATE : 9/1/2020 11:06 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



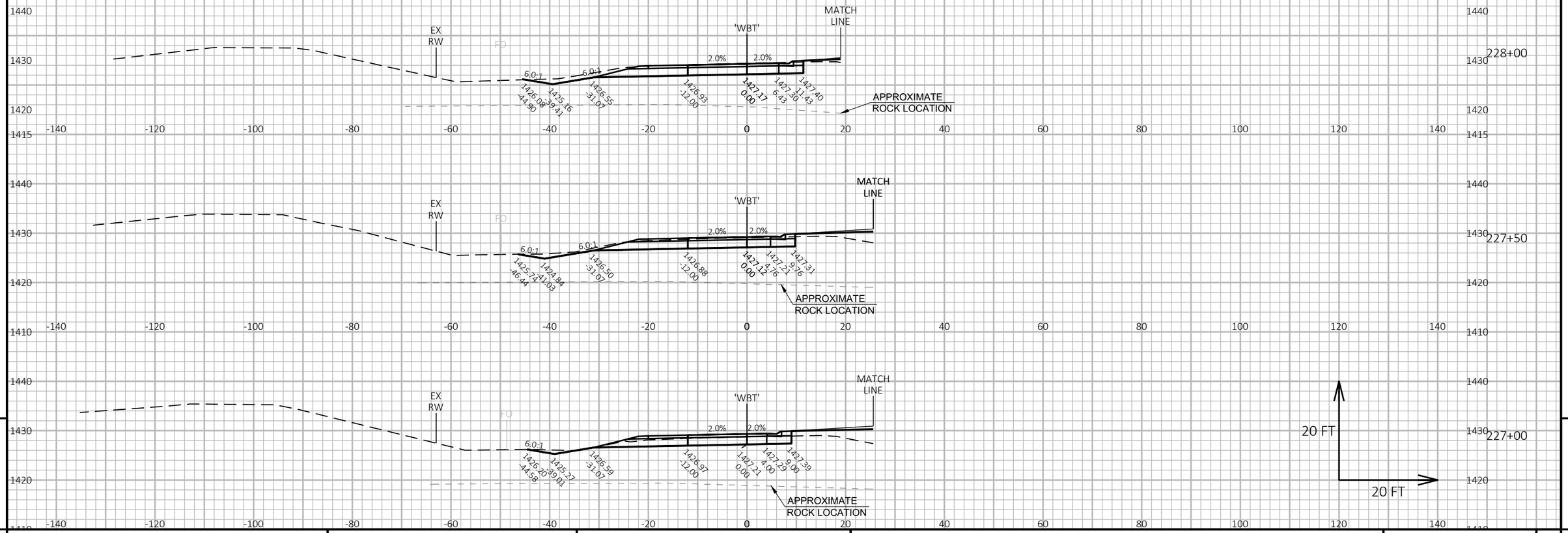
PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: USH 2 - WB BYPASS	SHEET E

FILE NAME : V:\TRANS-GB\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - USH 2 - WB Bypass1

PLOT DATE : 9/1/2020 11:07 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

PRE_219

WISDOT/CADDS SHEET 49



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PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: USH 2 - WB BYPASS	SHEET PRE_220 E

FILE NAME : V:\TRANS-GB\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - USH 2 - WB Bypass2

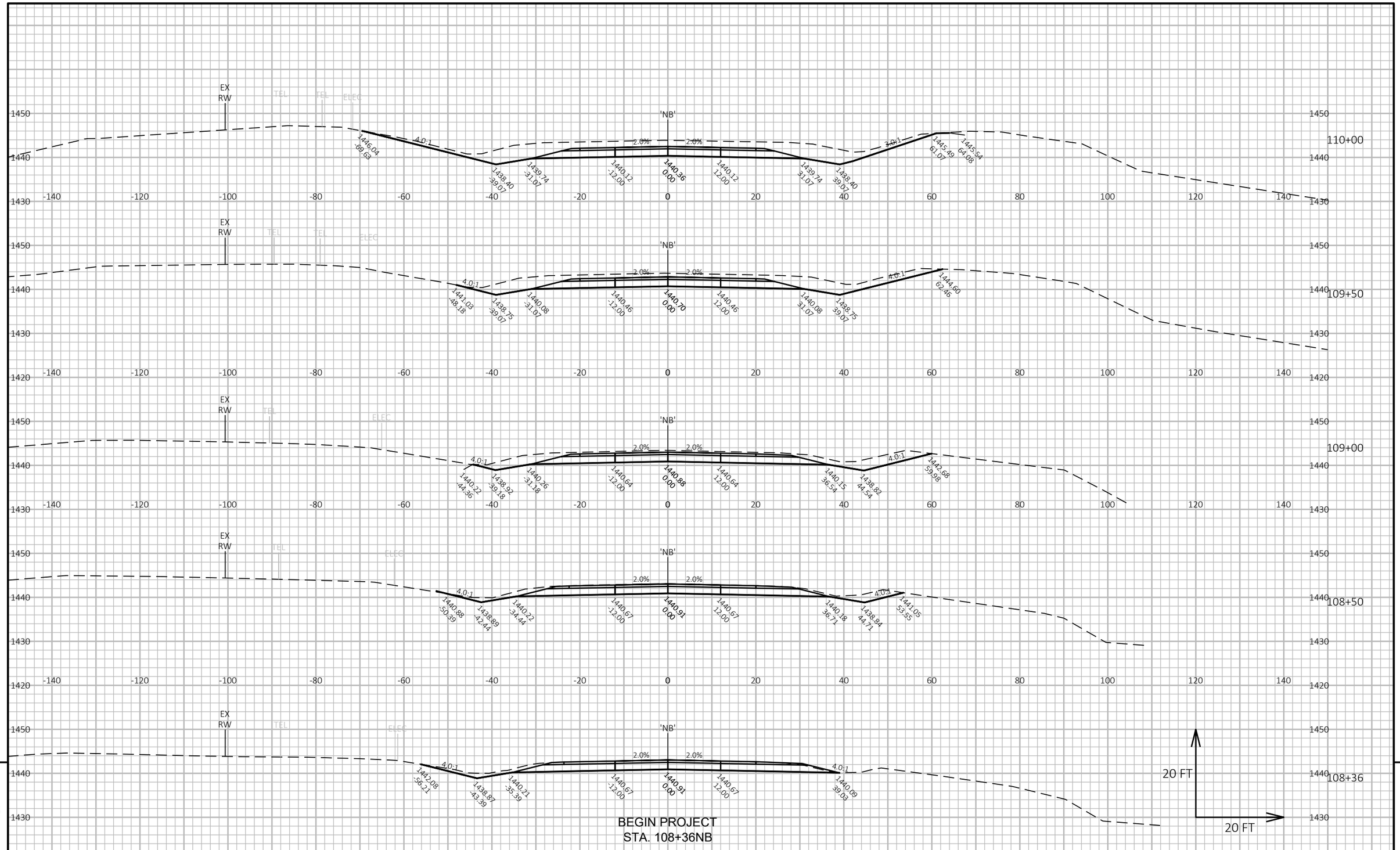
PLOT DATE : 9/1/2020 11:07 AM

PLOT BY : GARNICA, BRANDON

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



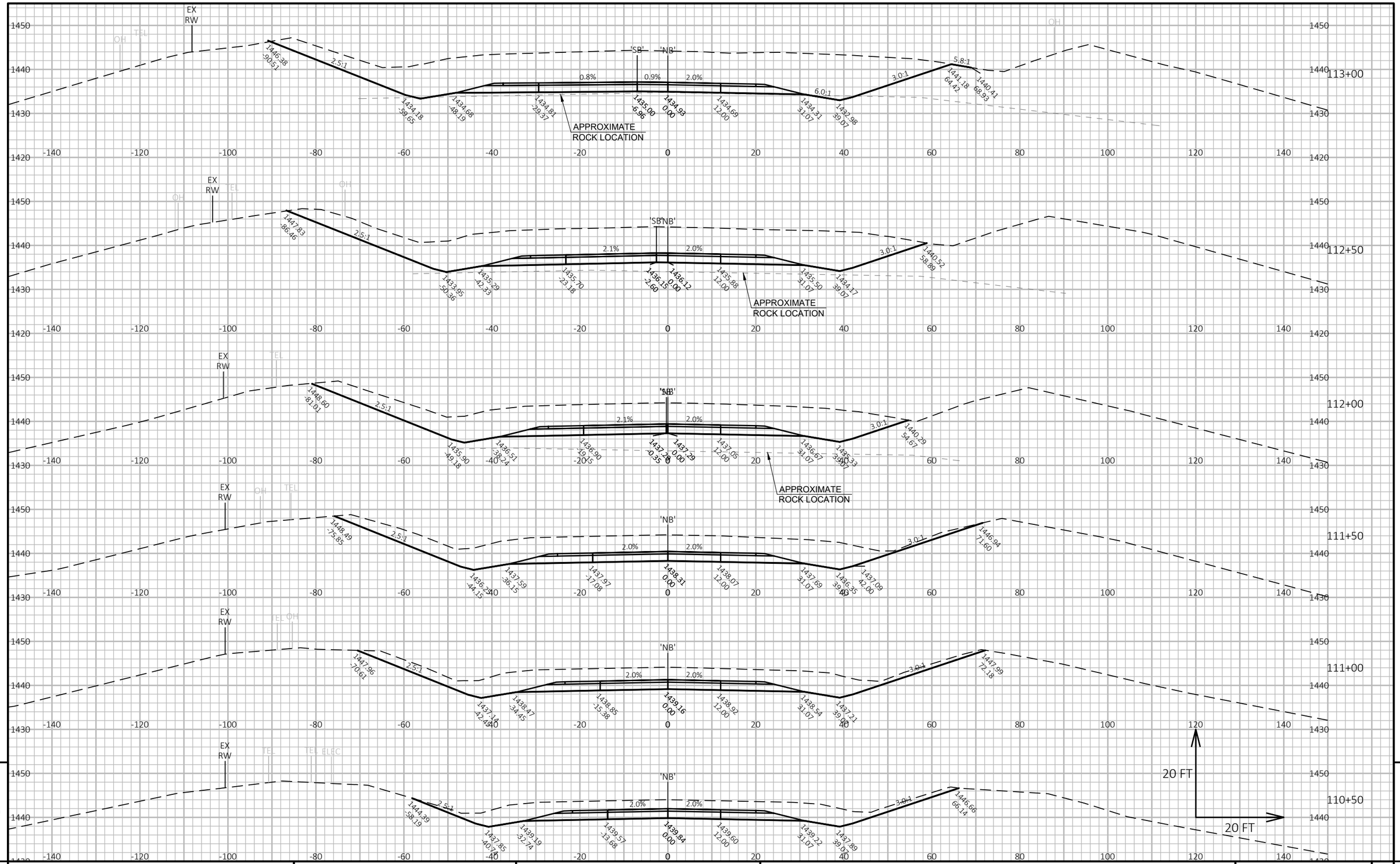
PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: STH 51 - NB	SHEET E

FILE NAME : V:\TRANS-GB\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - STH 51 - NB1

PLOT DATE : 9/1/2020 11:07 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

PRE_221

WISDOT/CADDS SHEET 49



PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: STH 51 - NB	SHEET E

FILE NAME : V:\TRANS-GB\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - STH 51 - NB2

PLOT DATE : 9/1/2020 11:07 AM

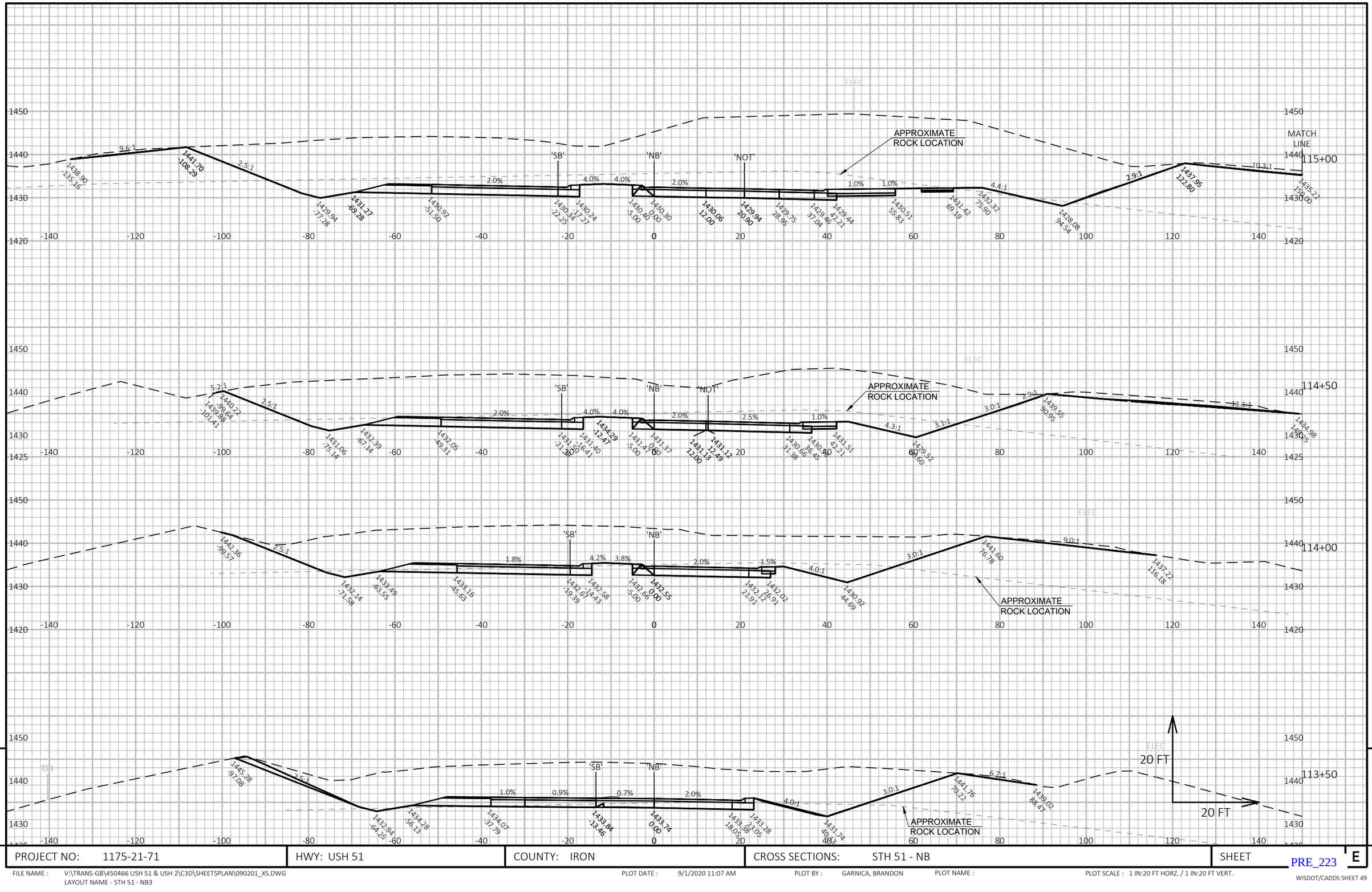
PLOT BY : GARNICA, BRANDON

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

PRE_222

WISDOT/CADDS SHEET 49



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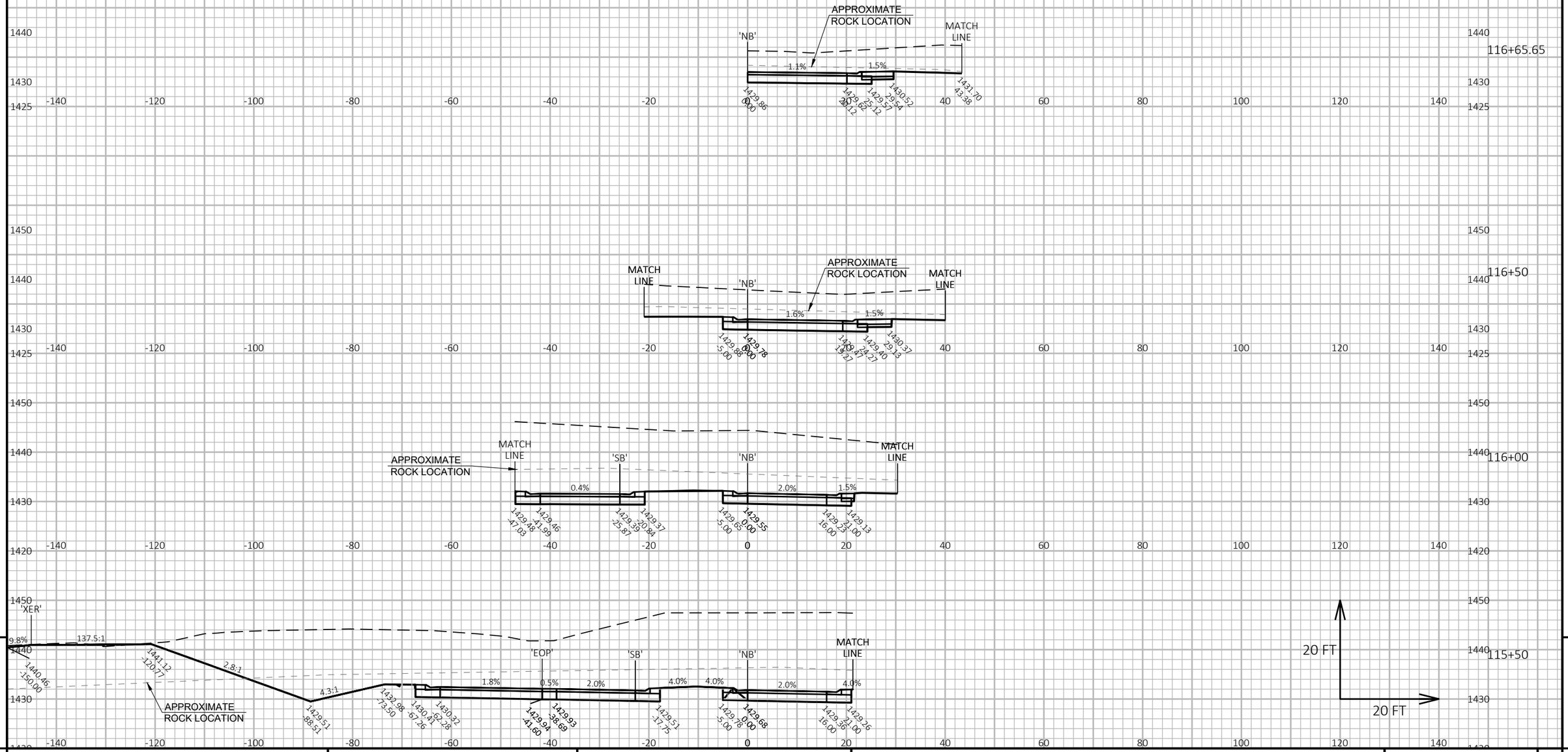
PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: STH 51 - NB	SHEET E

FILE NAME : V:\TRANS-GB\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - STH 51 - NB3

PLOT DATE : 9/1/2020 11:07 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

PRE_223

WISDOT/CADDS SHEET 49



PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: STH 51 - NB	SHEET	E

FILE NAME : V:\TRANS-GB\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - STH 51 - NB4

PLOT DATE : 9/1/2020 11:07 AM

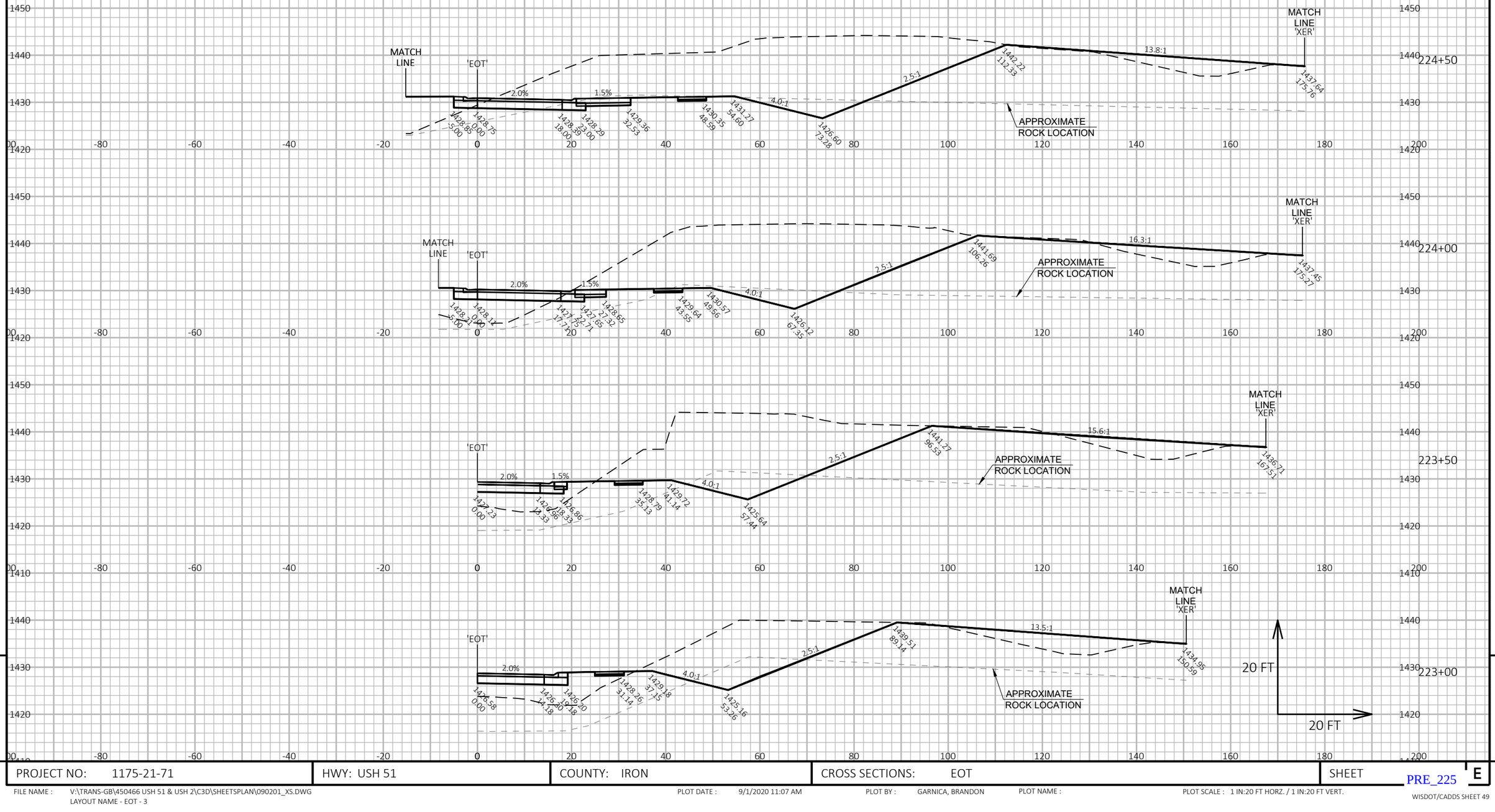
PLOT BY : GARNICA, BRANDON

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

PRE_224

WISDOT/CADDS SHEET 49



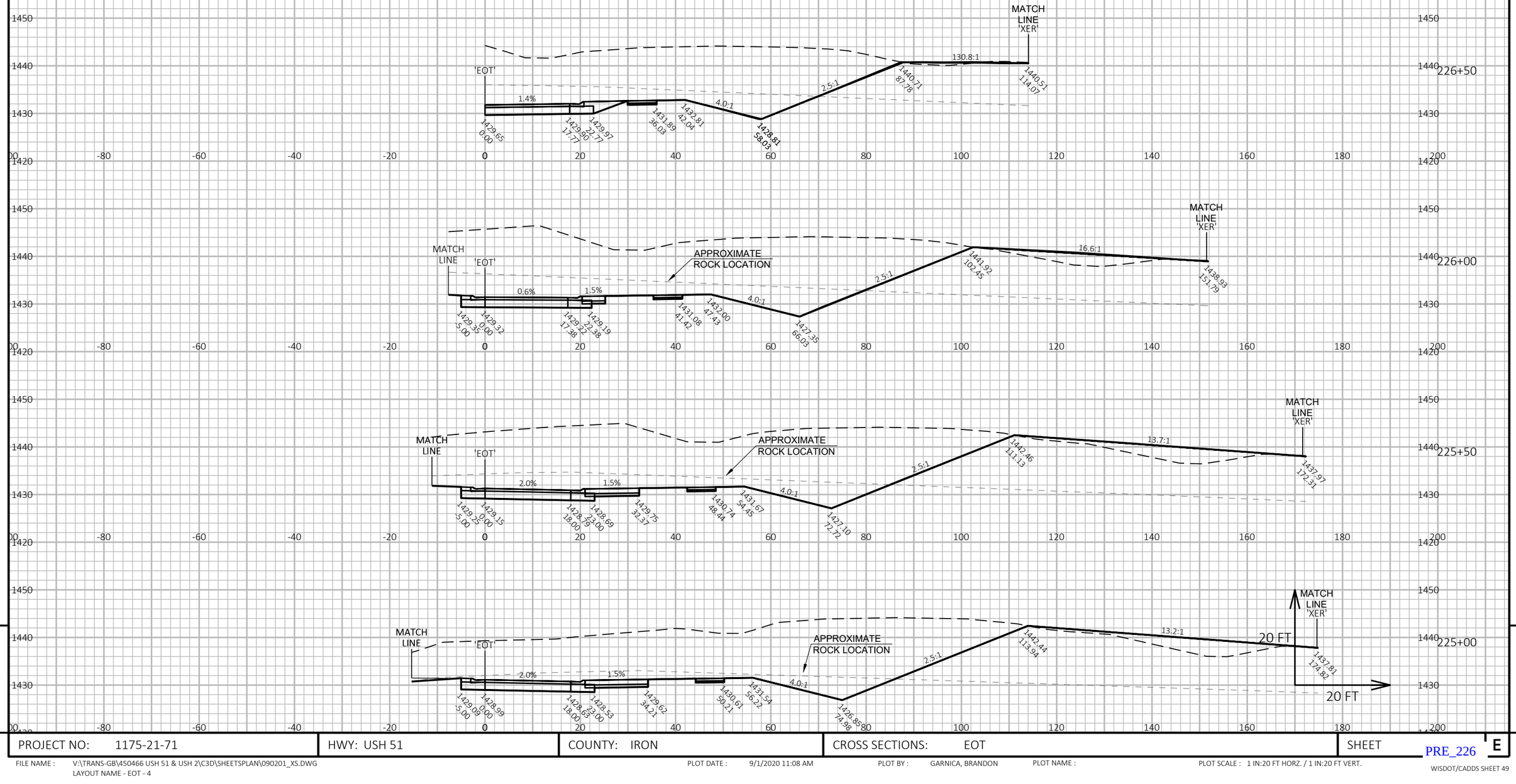
PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: EOT	SHEET E

FILE NAME : V:\TRANS-GB\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - EOT - 3

PLOT DATE : 9/1/2020 11:07 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

PRE_225

WISDOT/CADDS SHEET 49



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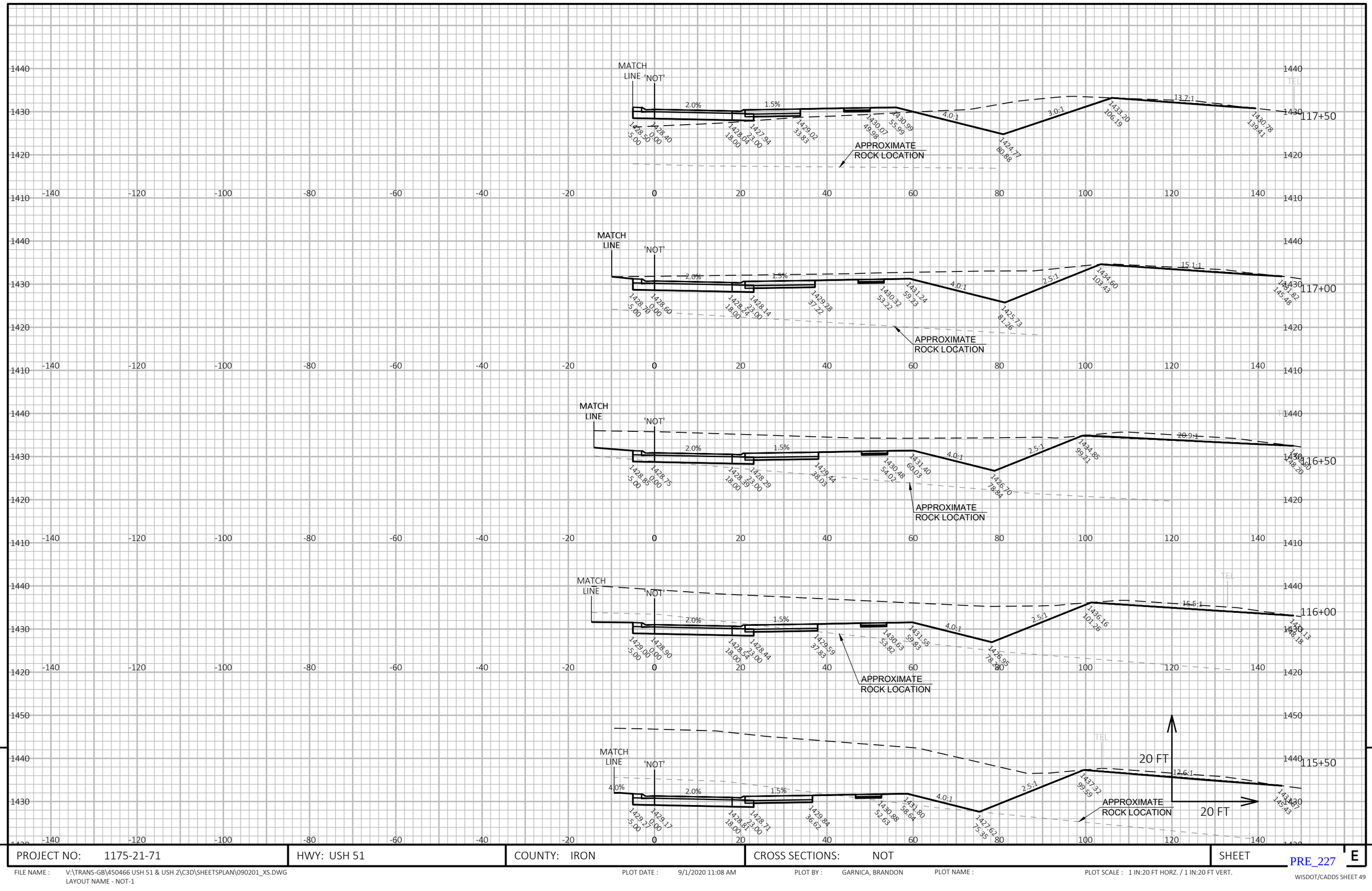
9

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: EOT	SHEET PRE_226 E

FILE NAME : V:\TRANS-GB\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - EOT - 4

PLOT DATE : 9/1/2020 11:08 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: NOT	SHEET E

PRE_227

FILE NAME : V:\TRANS-GB\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - NOT-1

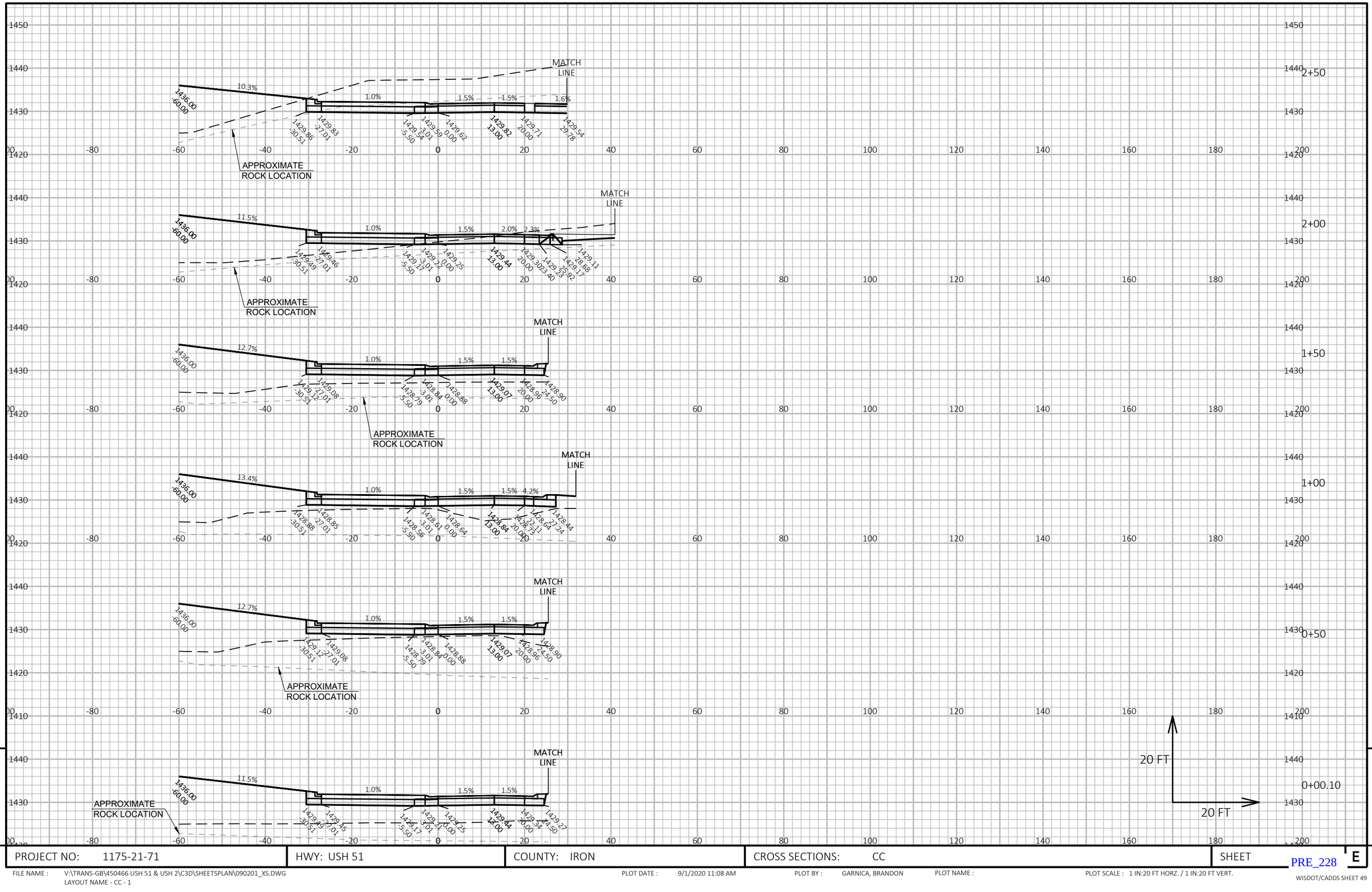
PLOT DATE : 9/1/2020 11:08 AM

PLOT BY : GARNICA, BRANDON

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: CC	SHEET E

PRE_228

FILE NAME : V:\TRANS-GB\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - CC - 1

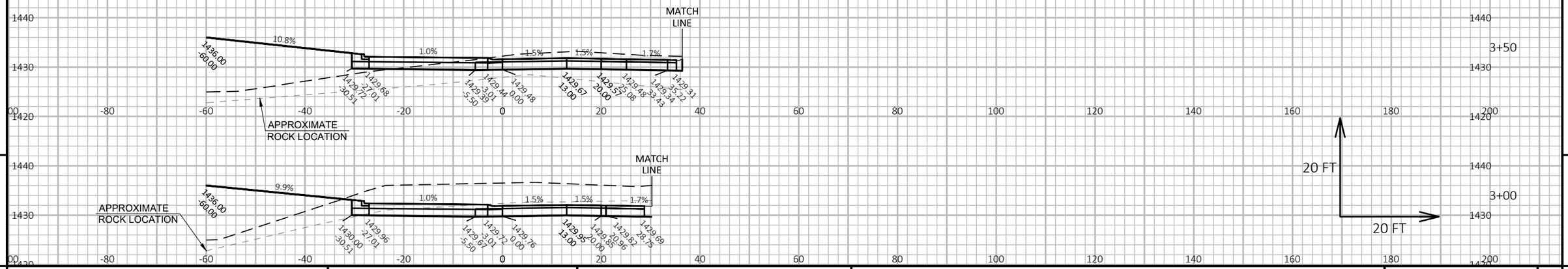
PLOT DATE : 9/1/2020 11:08 AM

PLOT BY : GARNICA, BRANDON

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



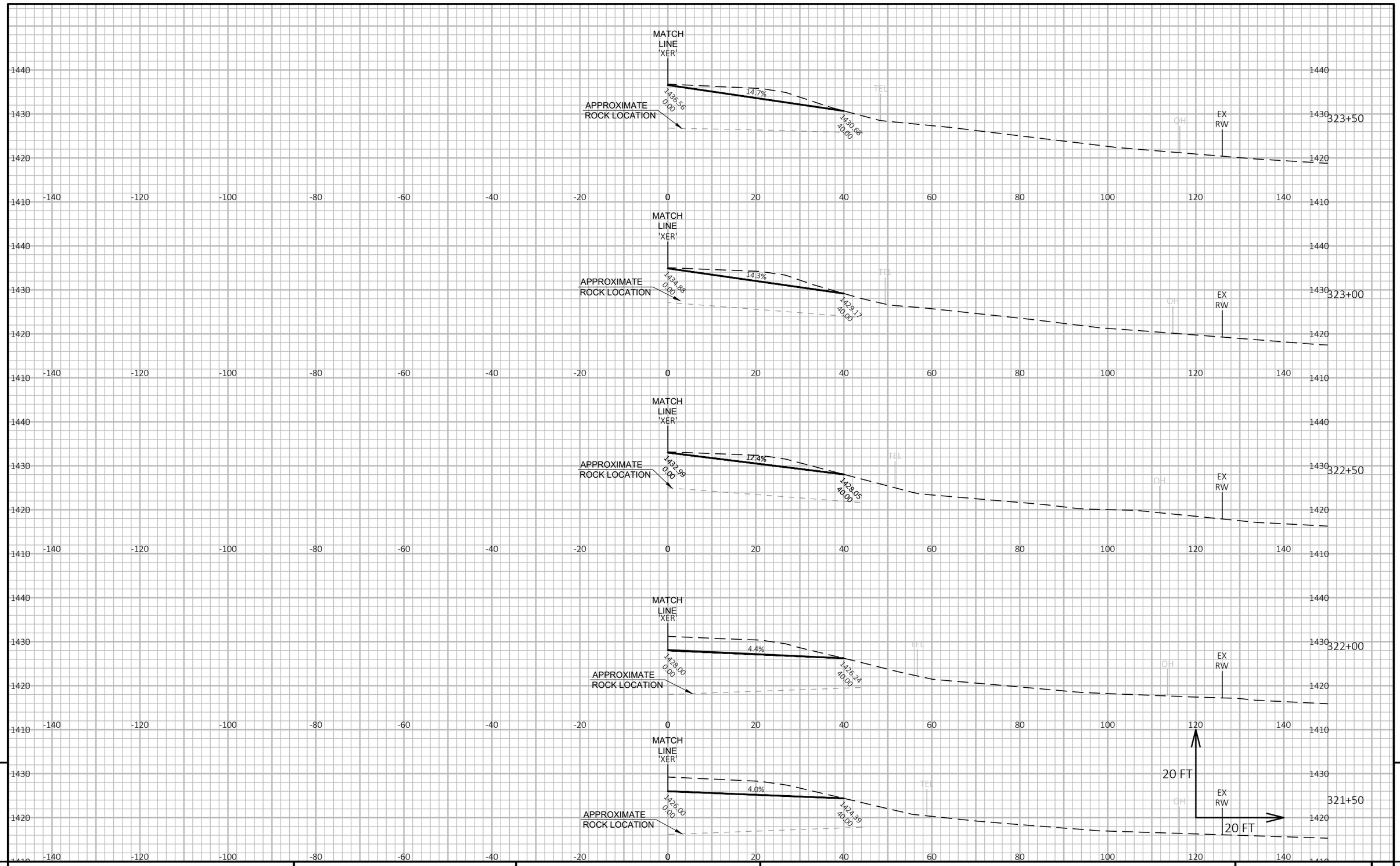
PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: CC	SHEET E

PRE_229

FILE NAME : V:\TRANS-GB\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - CC - 1 (2)

PLOT DATE : 9/1/2020 11:08 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

9

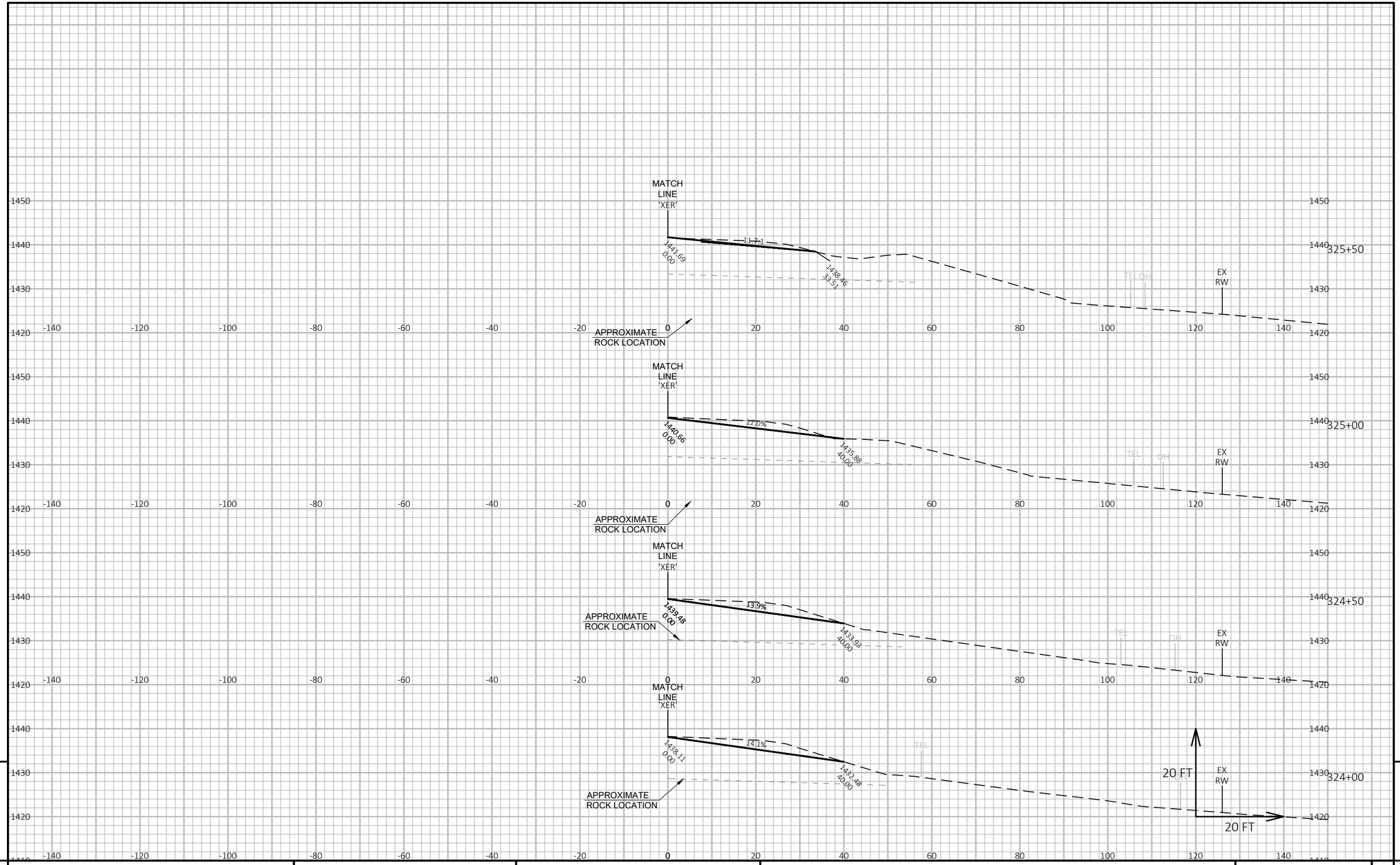
PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: EXISTING USH 2 (EB) OFF-RAMP	SHEET E

PRE_230

FILE NAME : V:\TRANS-GB\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - Existing USH 2 (EB) Off-Ramp

PLOT DATE : 9/1/2020 11:08 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



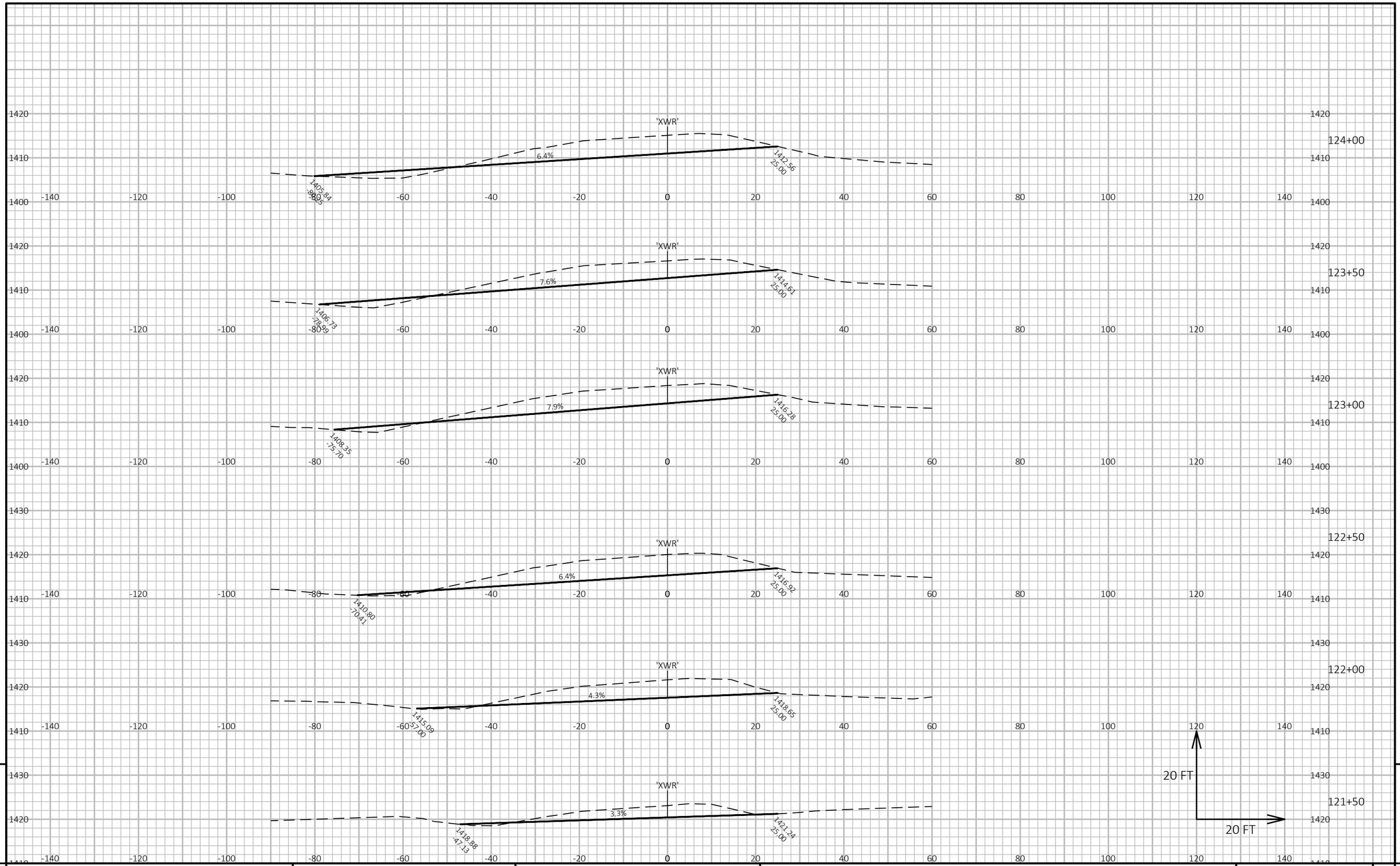
PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: EXISTING USH 2 (EB) OFF-RAMP	SHEET E

PRE_231

FILE NAME : V:\TRANS-GB\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - Existing USH 2 (EB) Off-Ramp - 2

PLOT DATE : 9/1/2020 11:08 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

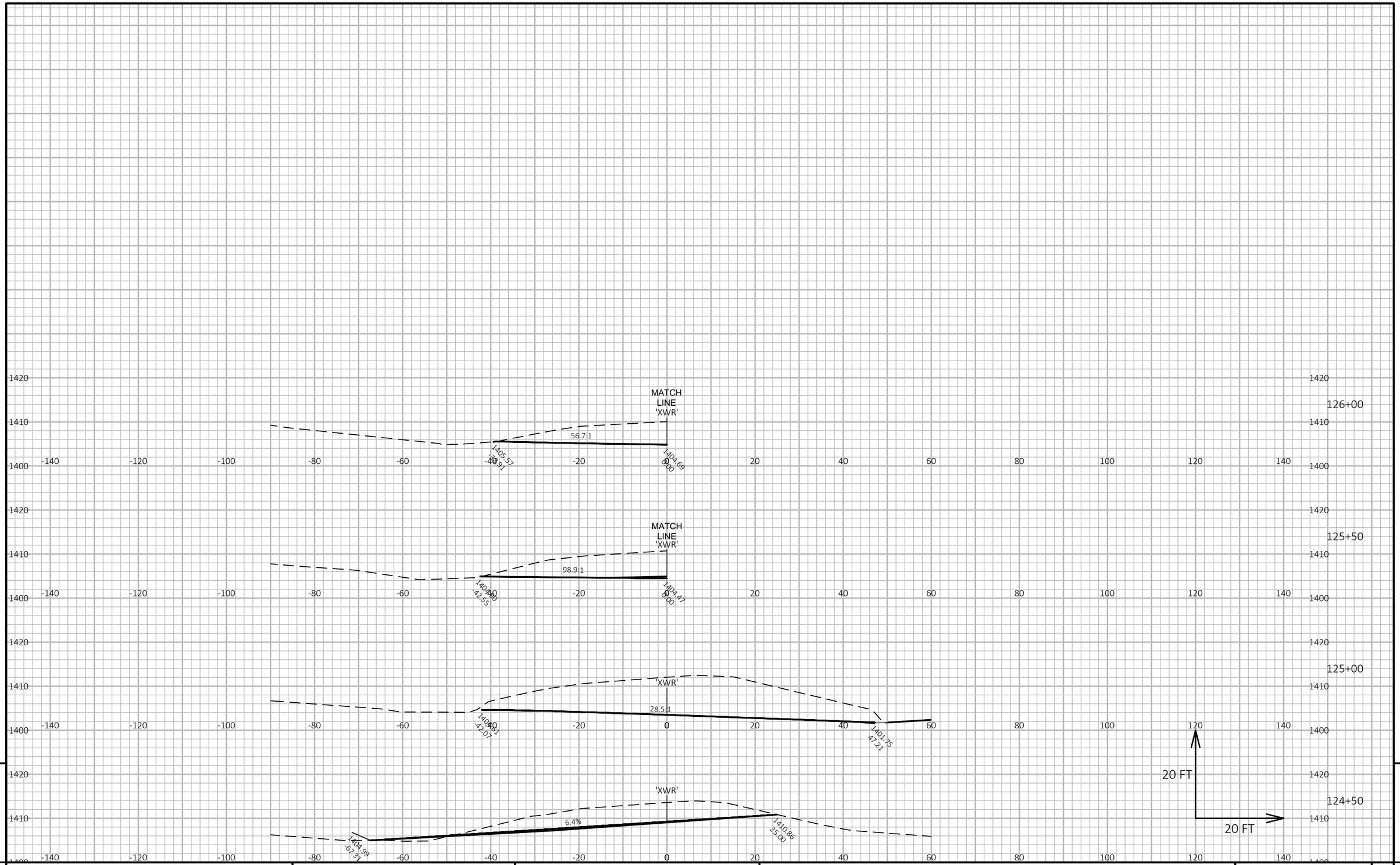
9

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: EXISTING USH 2 (WB) OFF-RAMP	SHEET E

PRE_232

FILE NAME : V:\TRANS-GB\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 2 WB Off-Ramp - 1

PLOT DATE : 9/1/2020 11:08 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



9

9

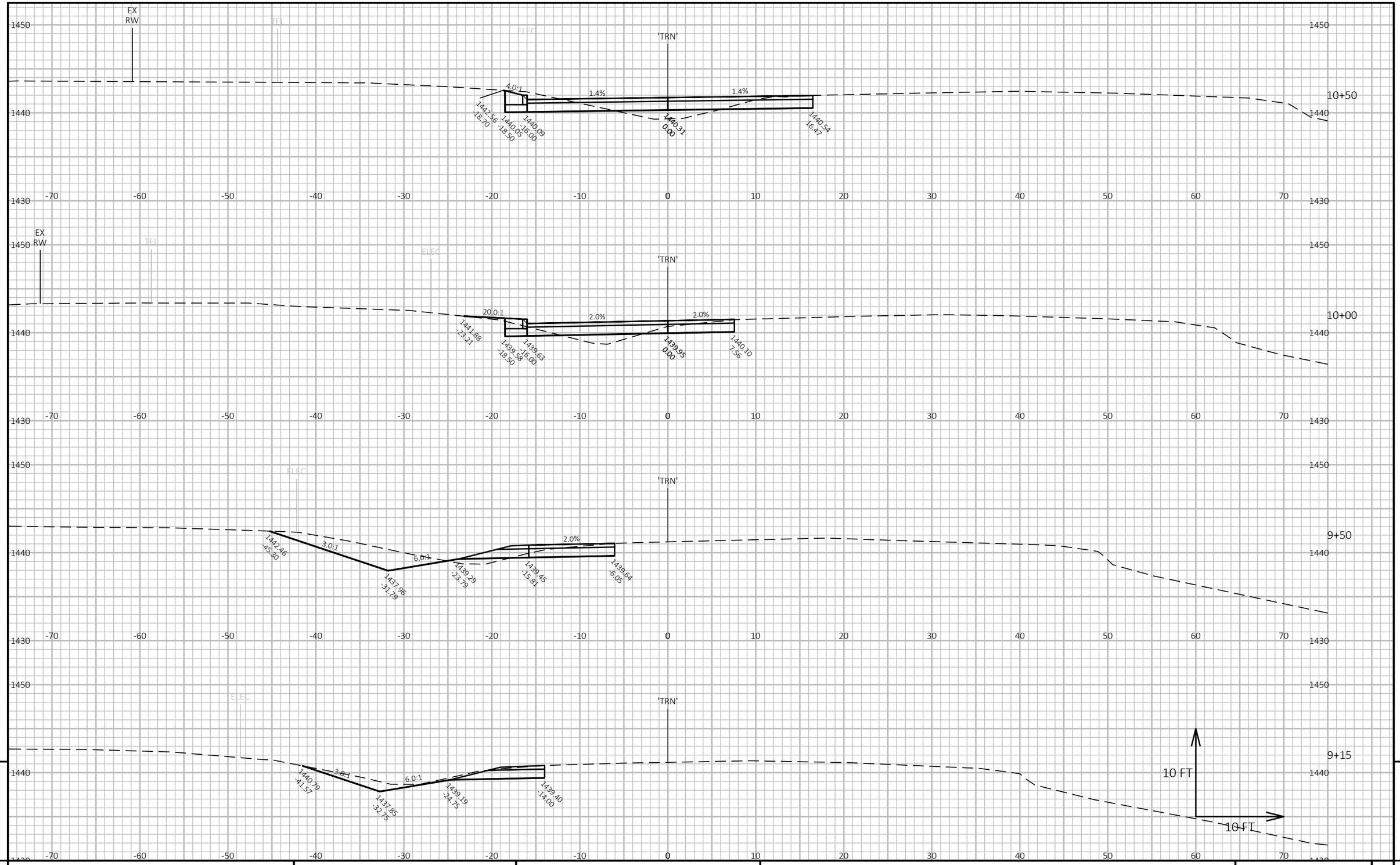
PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: EXISTING USH 2 (WB) OFF-RAMP	SHEET E

FILE NAME : V:\TRANS-GB\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 2 WB Off-Ramp - 2

PLOT DATE : 9/1/2020 11:08 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

PRE_233

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: TEMPORARY BYPASS	SHEET E

PRE_234

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090202_XS TEMP BYPASS.DWG
LAYOUT NAME - 090201xs

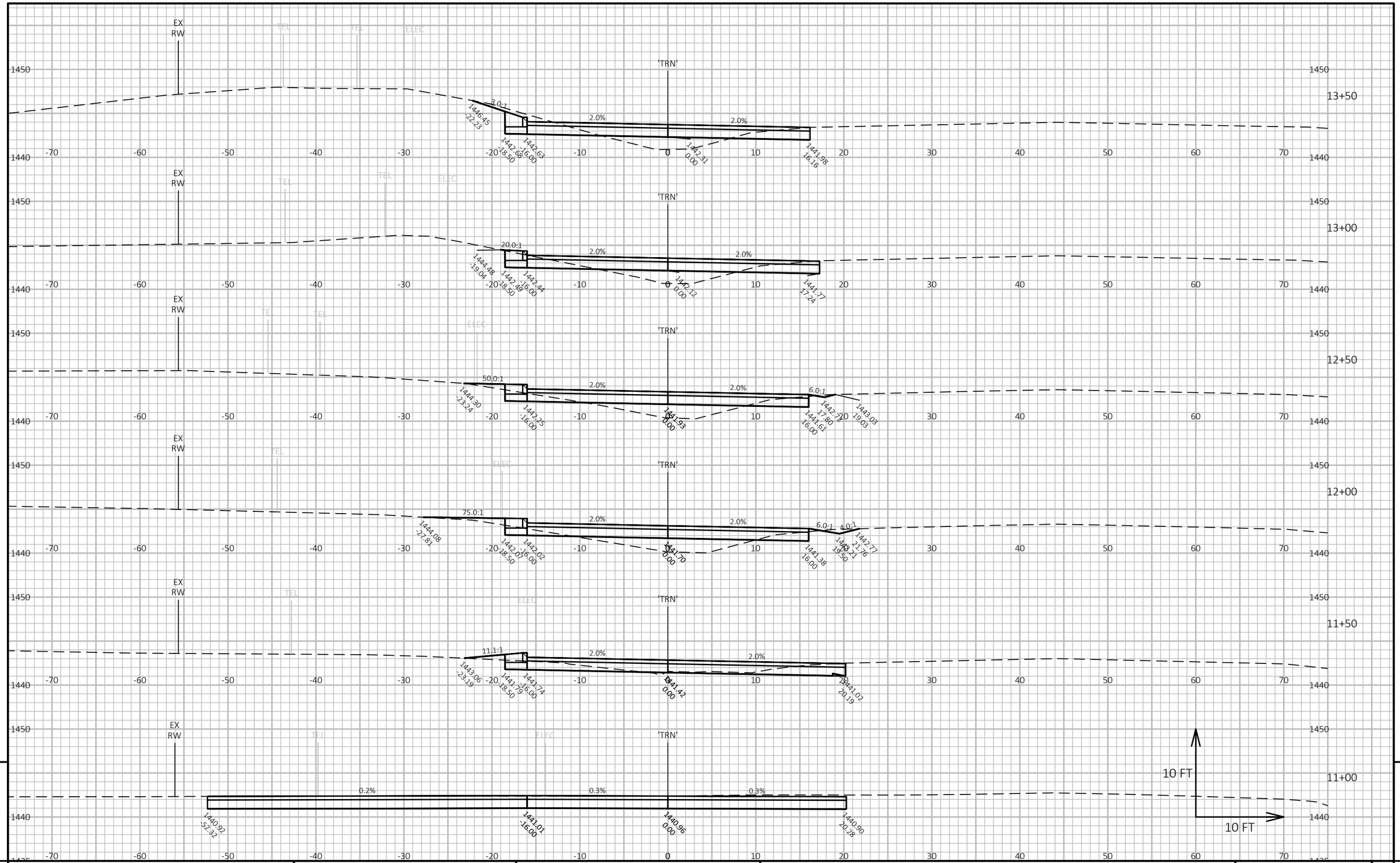
PLOT DATE : 9/1/2020 1:03 PM

PLOT BY : GARNICA, BRANDON

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: TEMPORARY BYPASS	SHEET E

PRE_235

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090202_XS TEMP BYPASS.DWG
LAYOUT NAME - 090202xs

PLOT DATE : 9/1/2020 1:03 PM

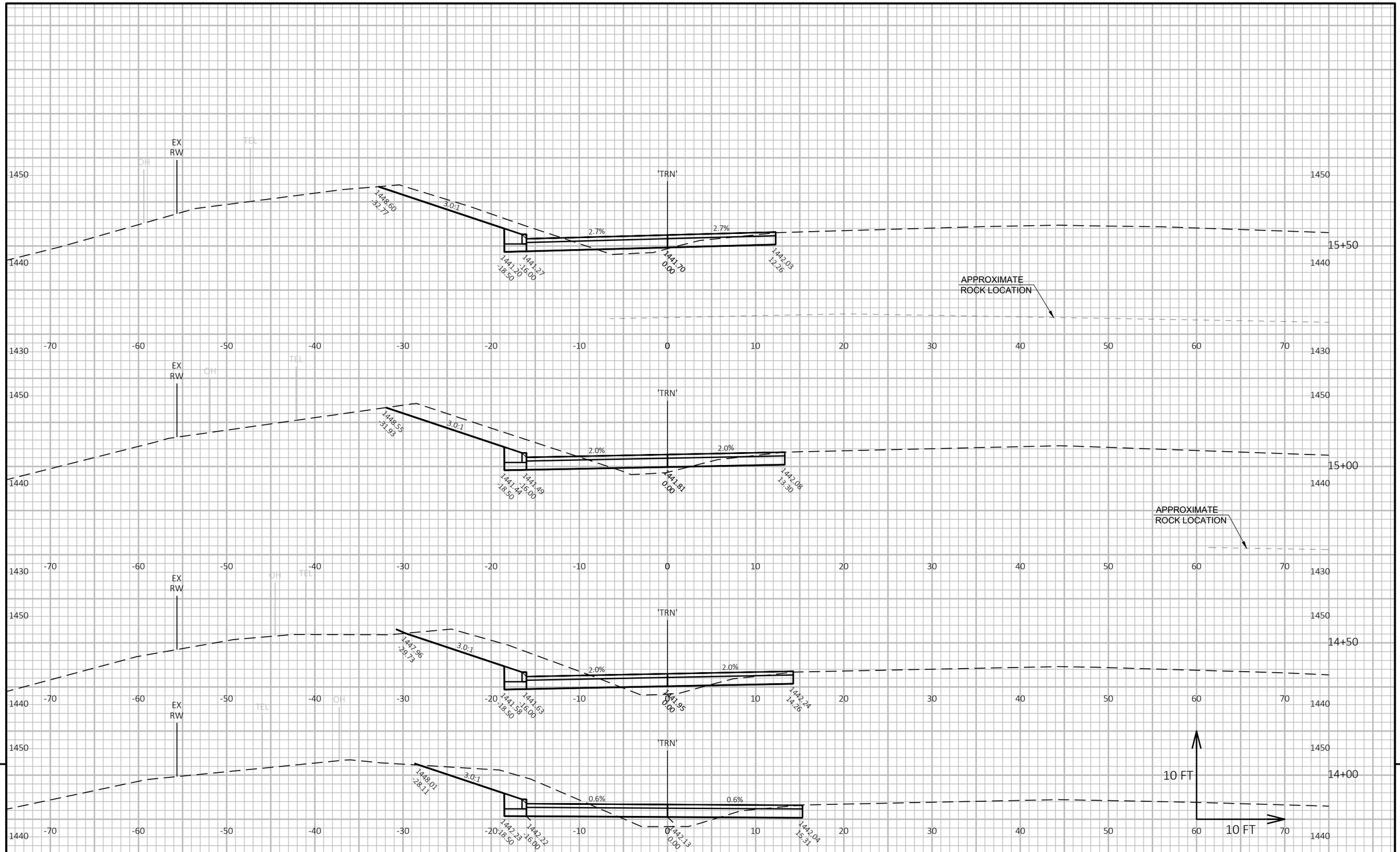
PLOT BY : GARNICA, BRANDON

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

9



9

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: TEMPORARY BYPASS	SHEET E

9

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090202_XS TEMP BYPASS.DWG
LAYOUT NAME - 090203xs

PLOT DATE : 9/1/2020 1:03 PM

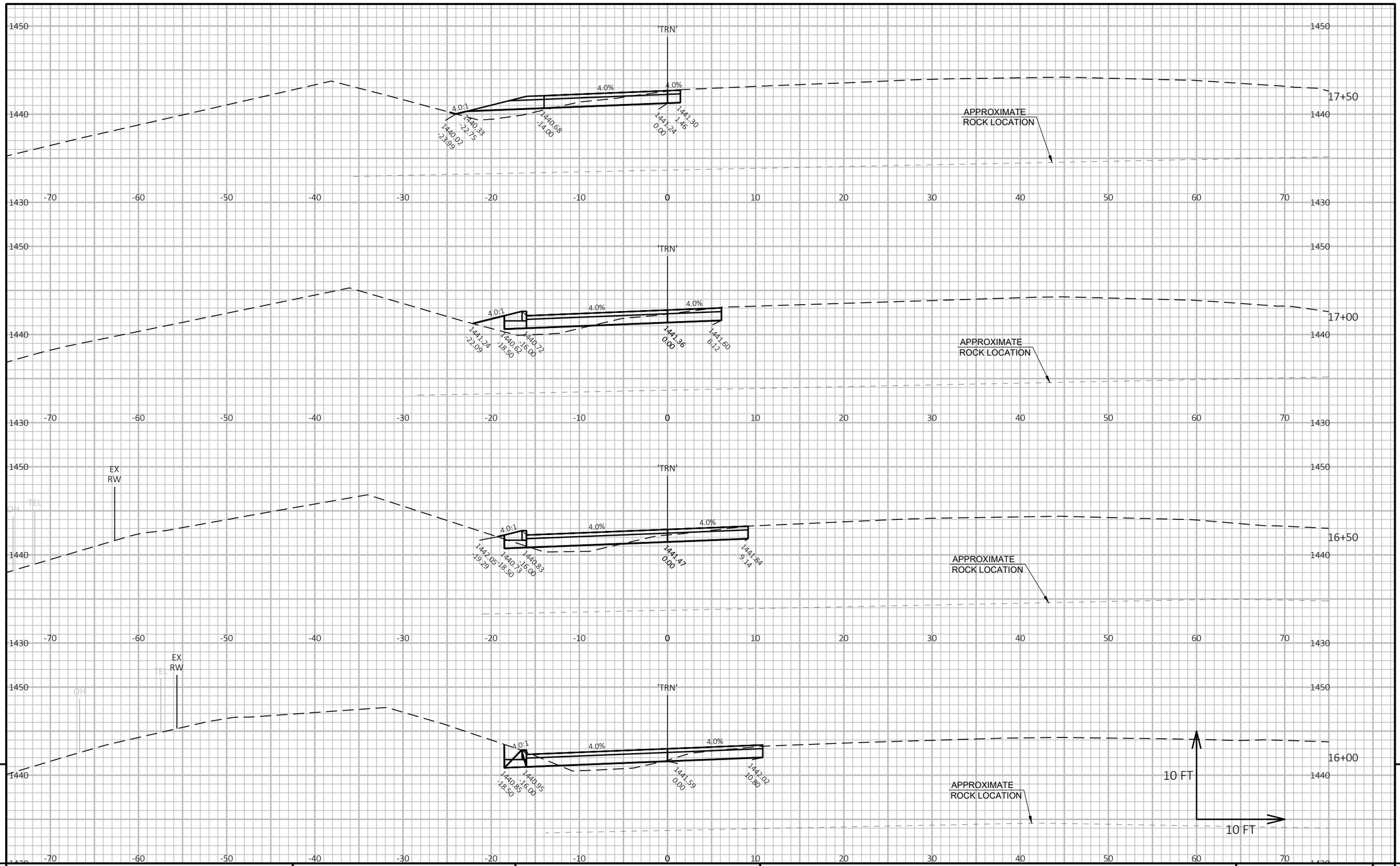
PLOT BY : GARNICA, BRANDON

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

PRE_236

WISDOT/CADDS SHEET 49



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PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: TEMPORARY BYPASS	SHEET E

PRE_237

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090202_XS TEMP BYPASS.DWG
LAYOUT NAME - 090204xs

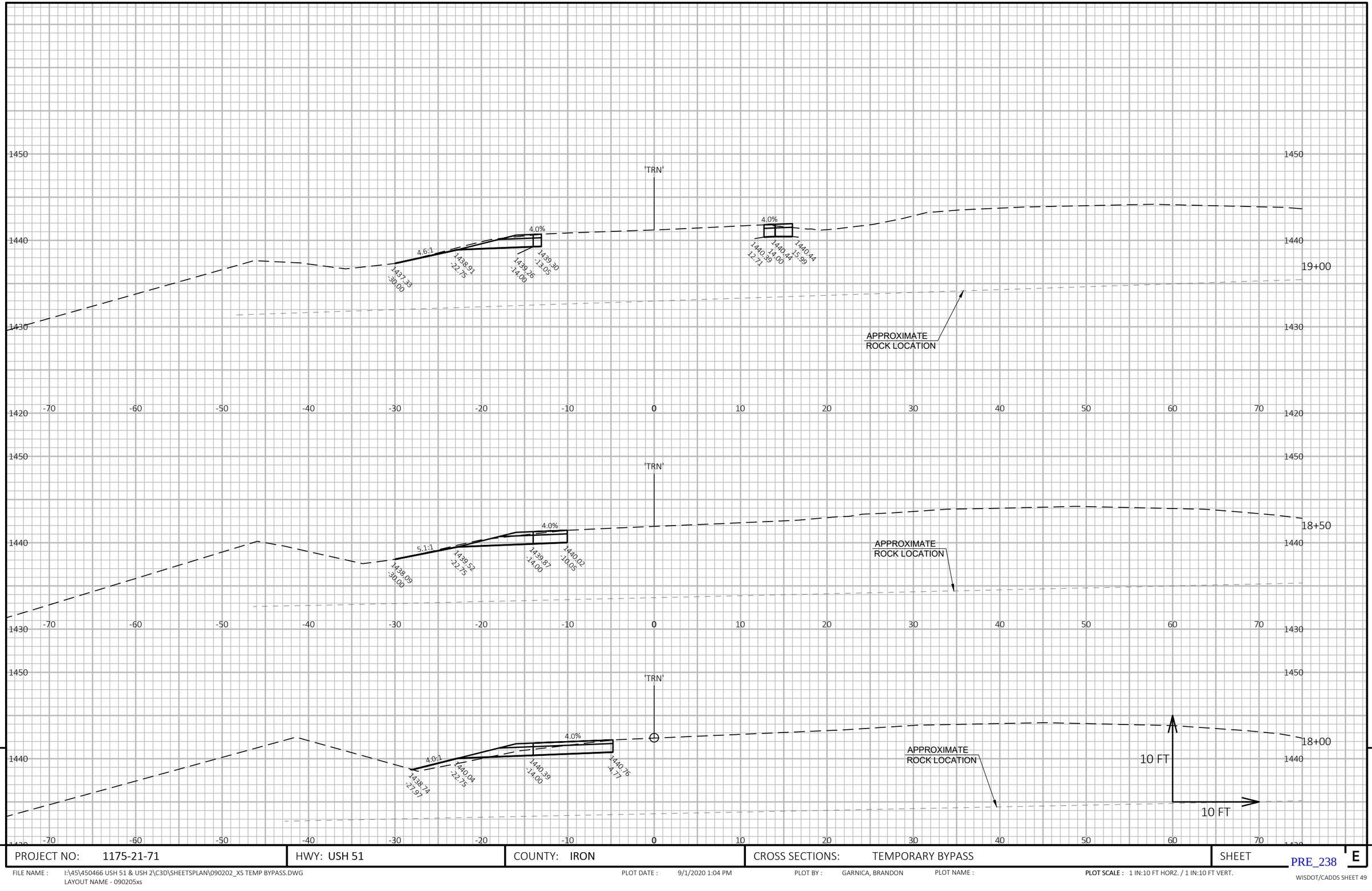
PLOT DATE : 9/1/2020 1:04 PM

PLOT BY : GARNICA, BRANDON

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: TEMPORARY BYPASS	SHEET E

PRE_238

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090202_XS TEMP BYPASS.DWG
LAYOUT NAME - 090205xs

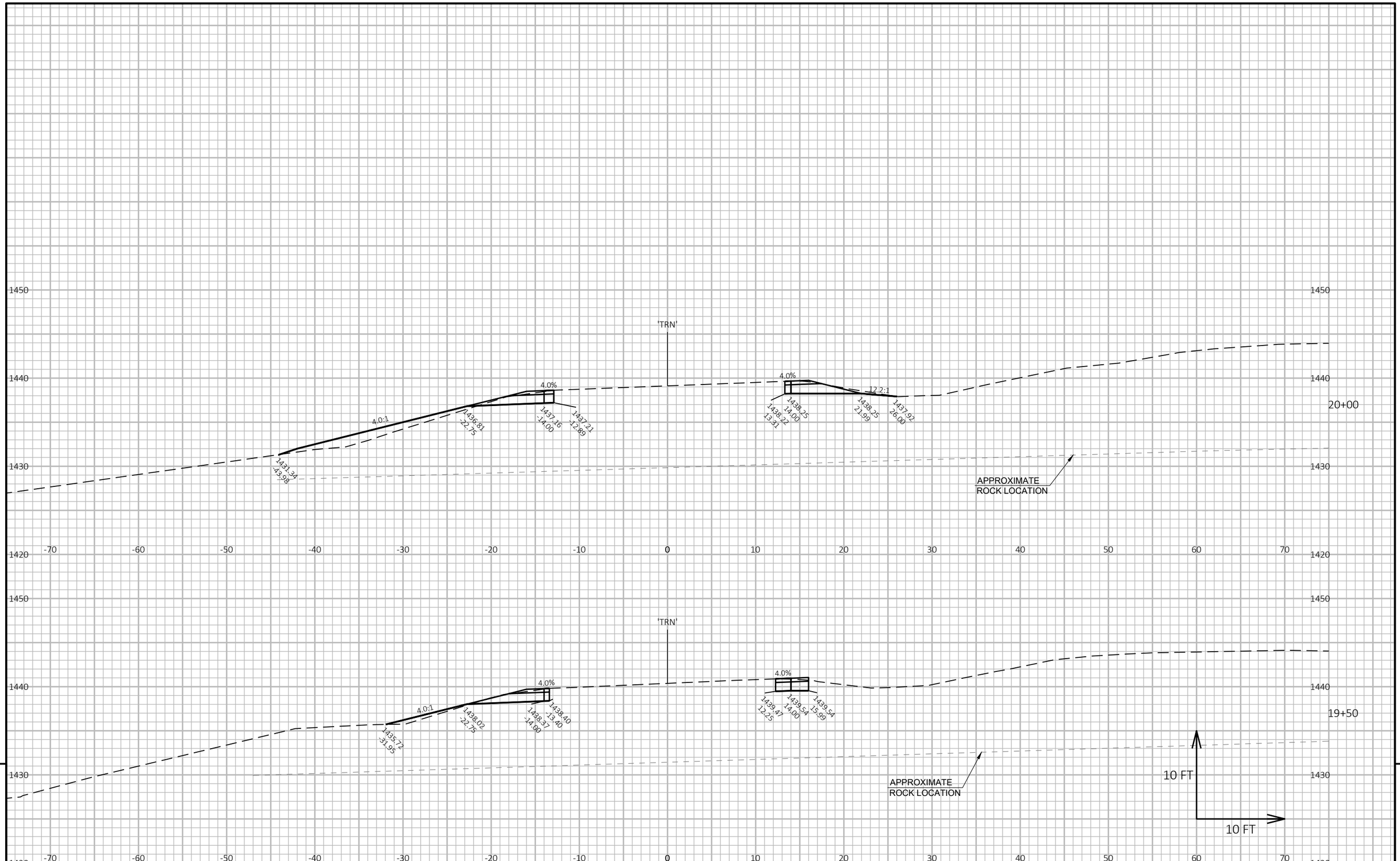
PLOT DATE : 9/1/2020 1:04 PM

PLOT BY : GARNICA, BRANDON

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: TEMPORARY BYPASS	SHEET E

PRE_239

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090202_XS TEMP BYPASS.DWG
LAYOUT NAME - 090206xs

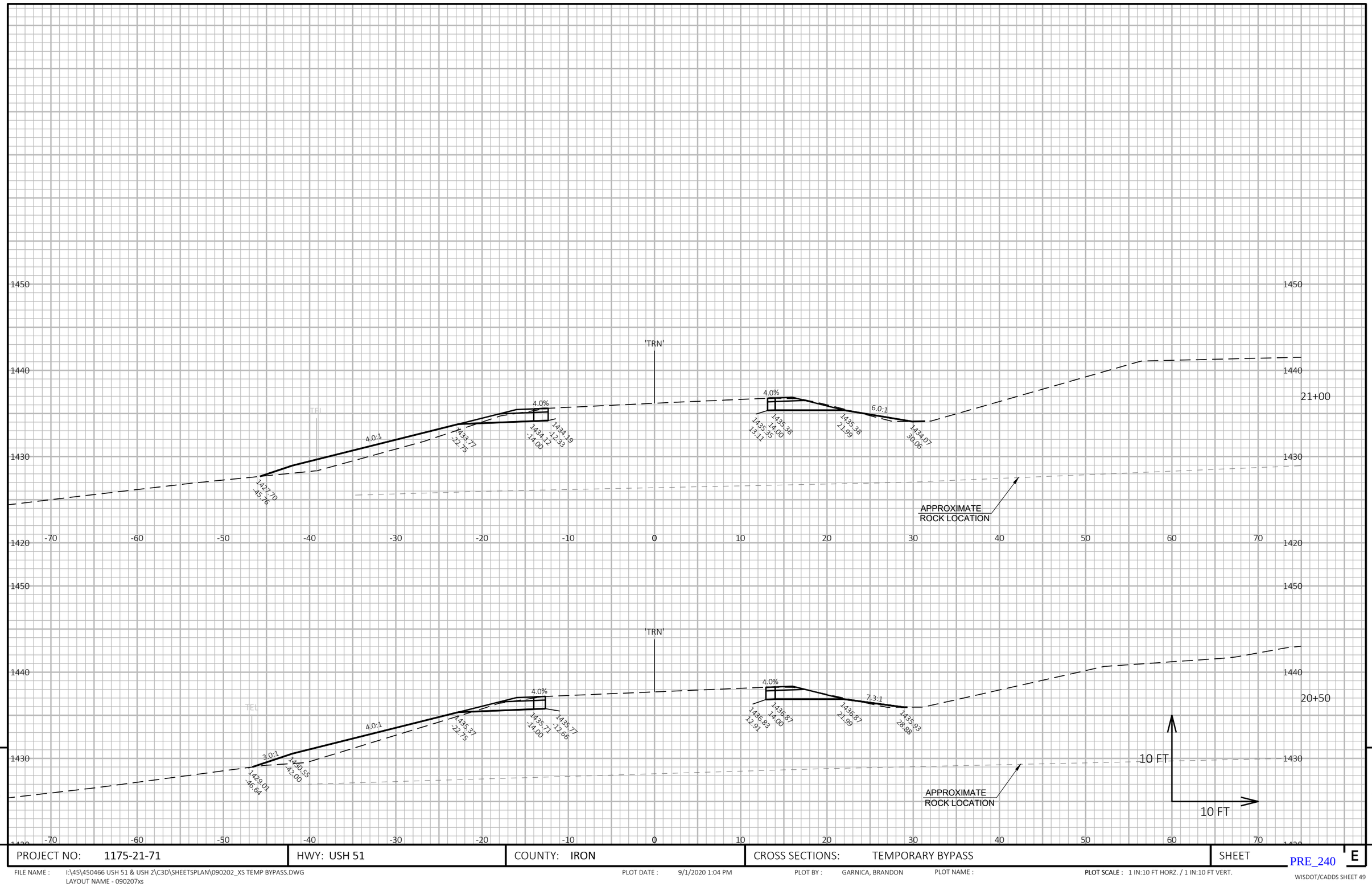
PLOT DATE : 9/1/2020 1:04 PM

PLOT BY : GARNICA, BRANDON

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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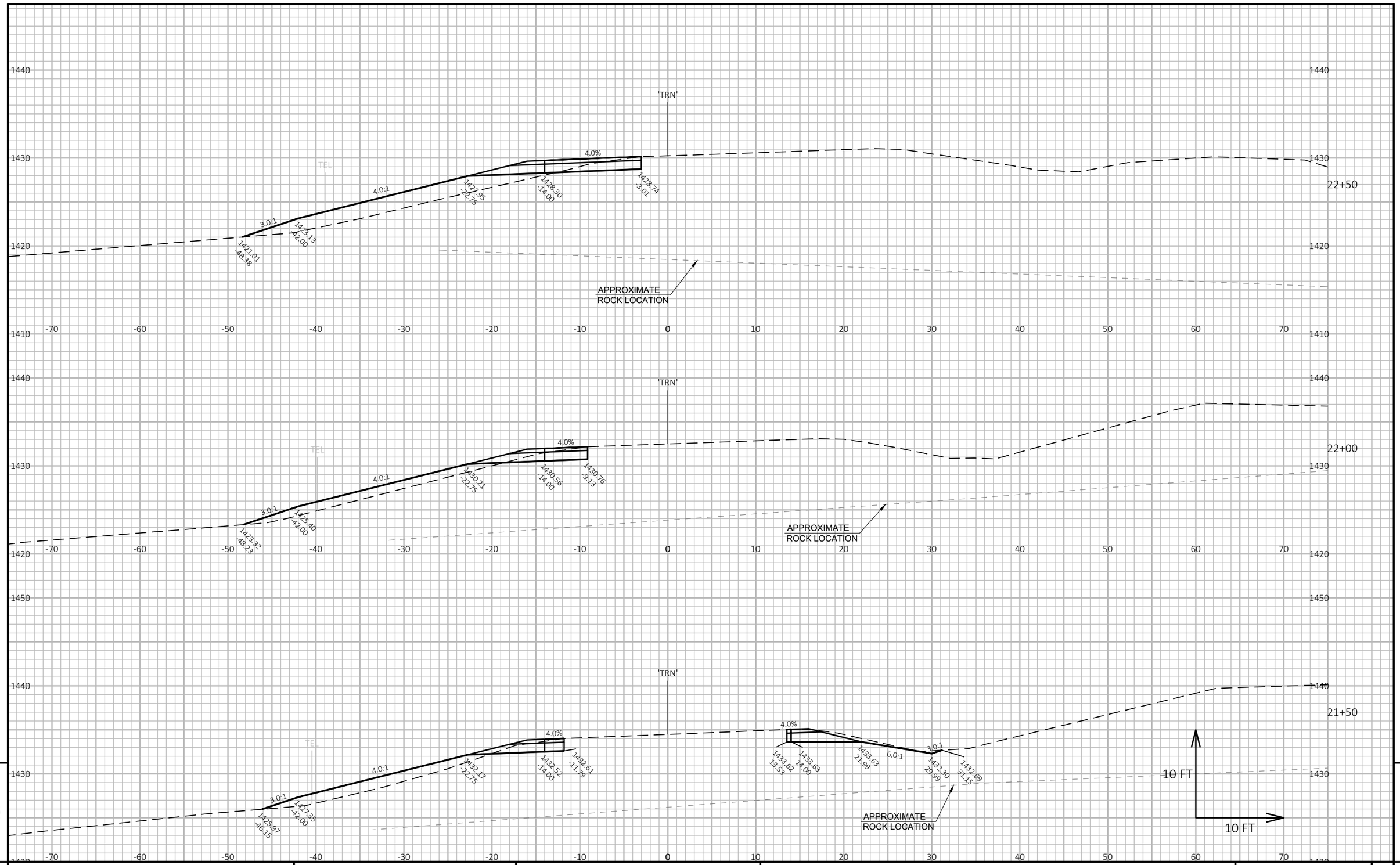
PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: TEMPORARY BYPASS	SHEET E

PRE_240

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090202_XS TEMP BYPASS.DWG
LAYOUT NAME - 090207xs

PLOT DATE : 9/1/2020 1:04 PM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: TEMPORARY BYPASS	SHEET E

PRE_241

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090202_XS TEMP BYPASS.DWG
LAYOUT NAME - 090208xs

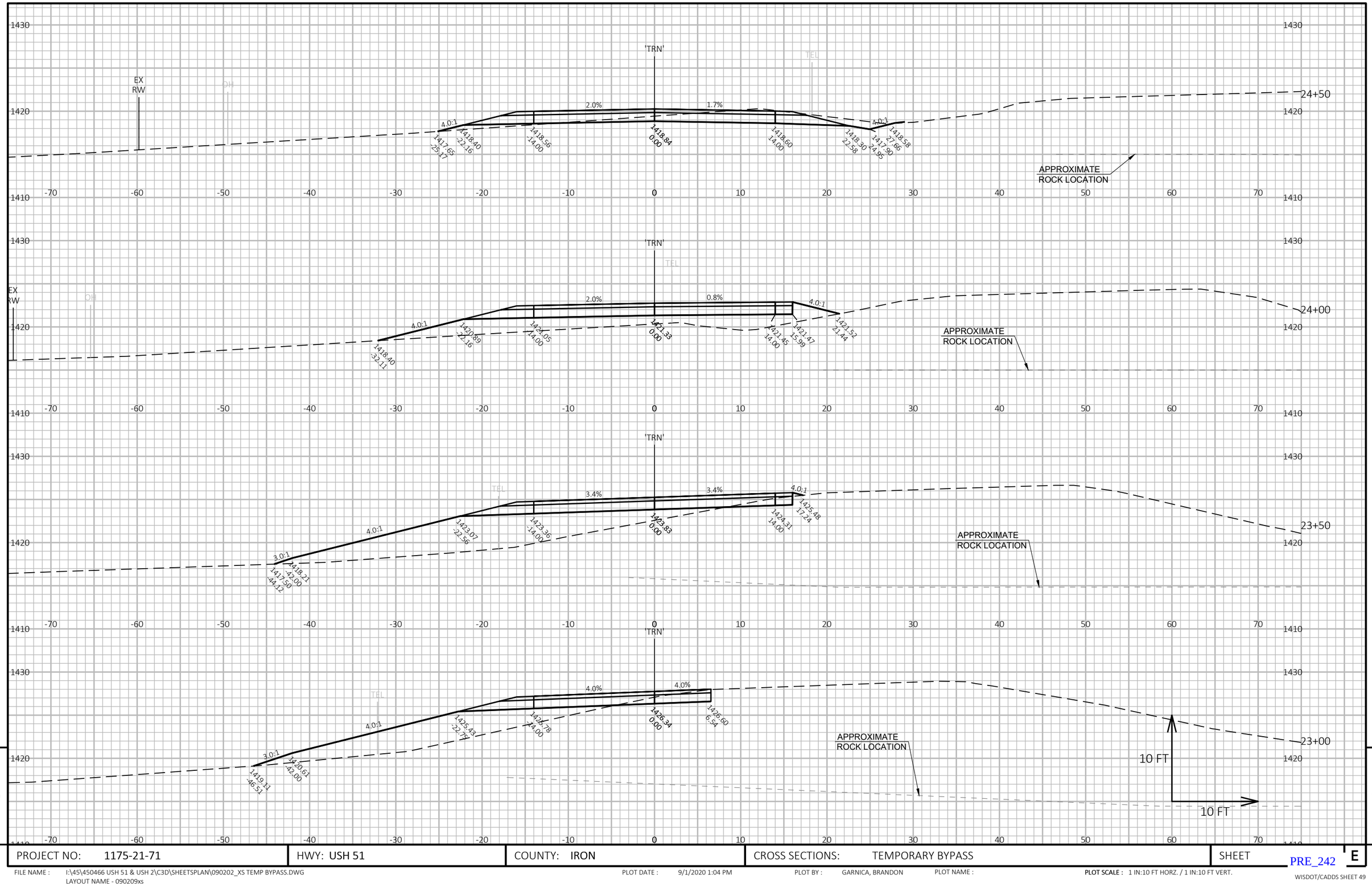
PLOT DATE : 9/1/2020 1:04 PM

PLOT BY : GARNICA, BRANDON

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: TEMPORARY BYPASS	SHEET E

PRE_242

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090202_XS TEMP BYPASS.DWG
LAYOUT NAME - 090209xs

PLOT DATE : 9/1/2020 1:04 PM

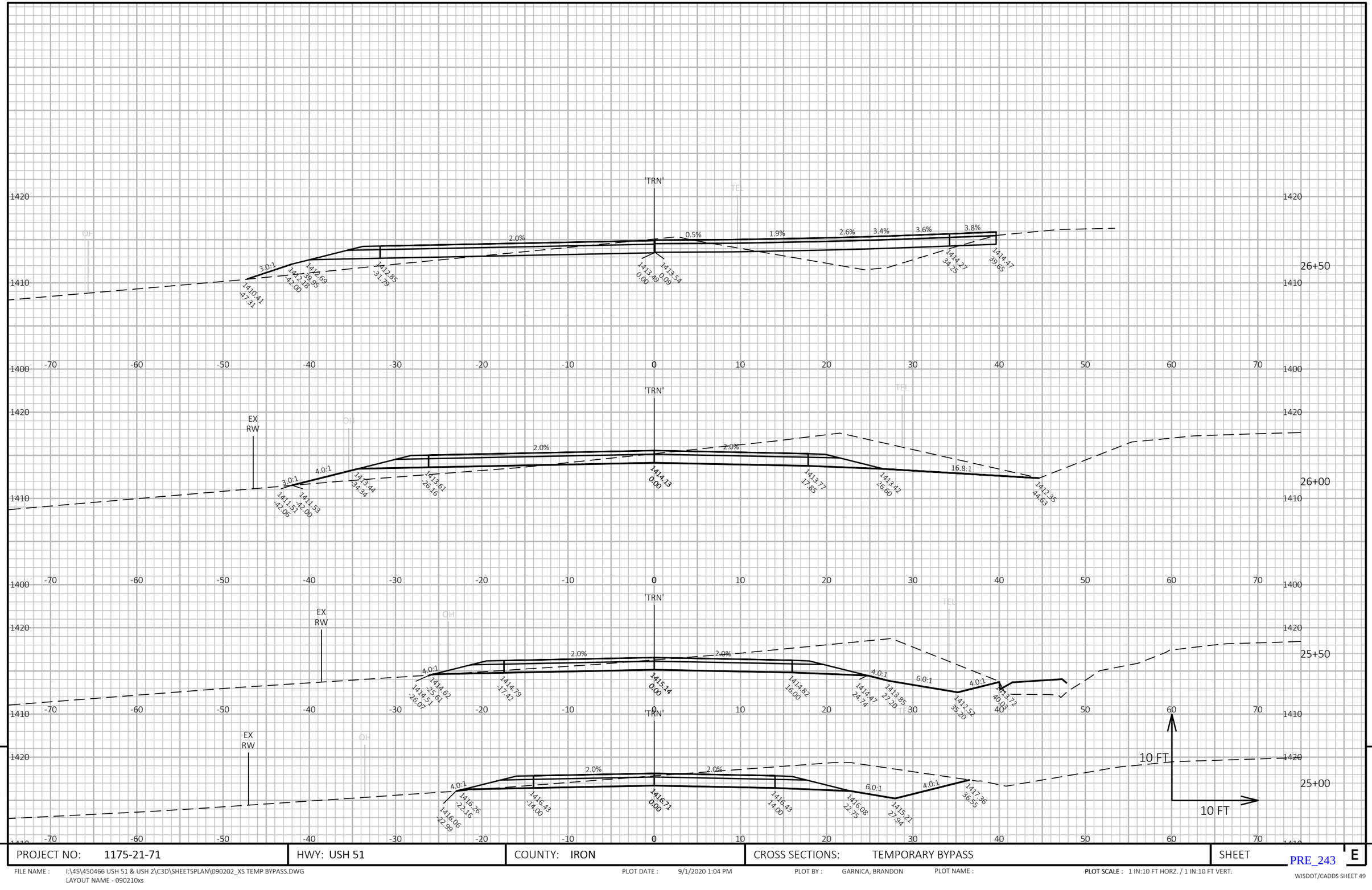
PLOT BY : GARNICA, BRANDON

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

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PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: TEMPORARY BYPASS	SHEET E

PRE_243

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090202_XS TEMP BYPASS.DWG
LAYOUT NAME - 090210xs

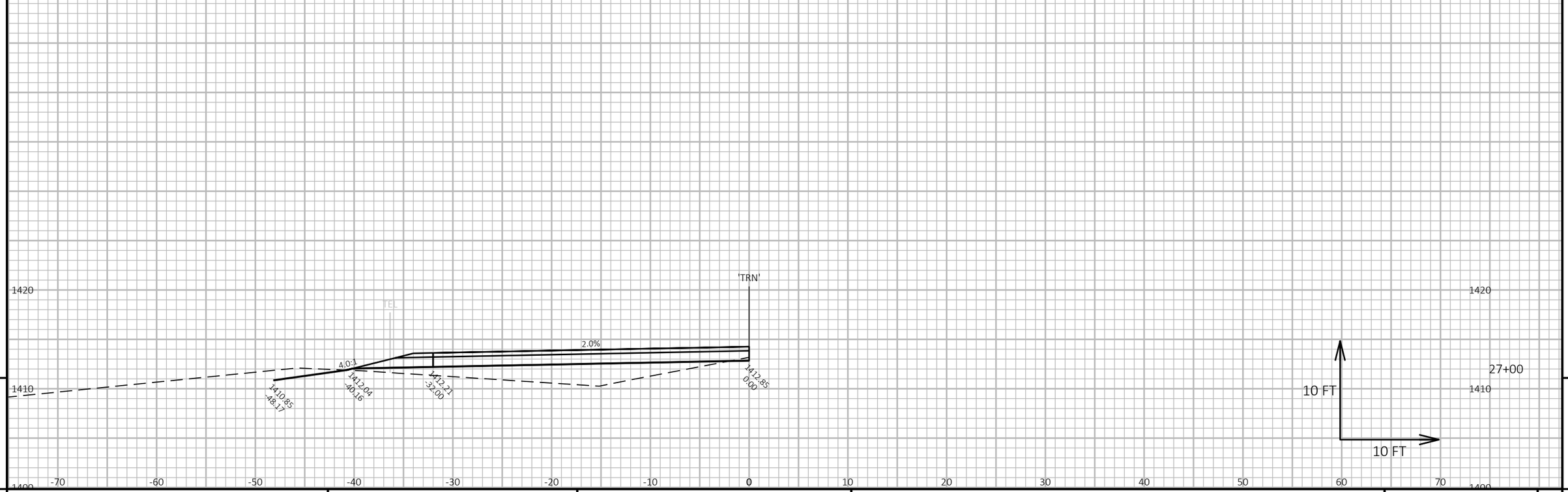
PLOT DATE : 9/1/2020 1:04 PM

PLOT BY : GARNICA, BRANDON

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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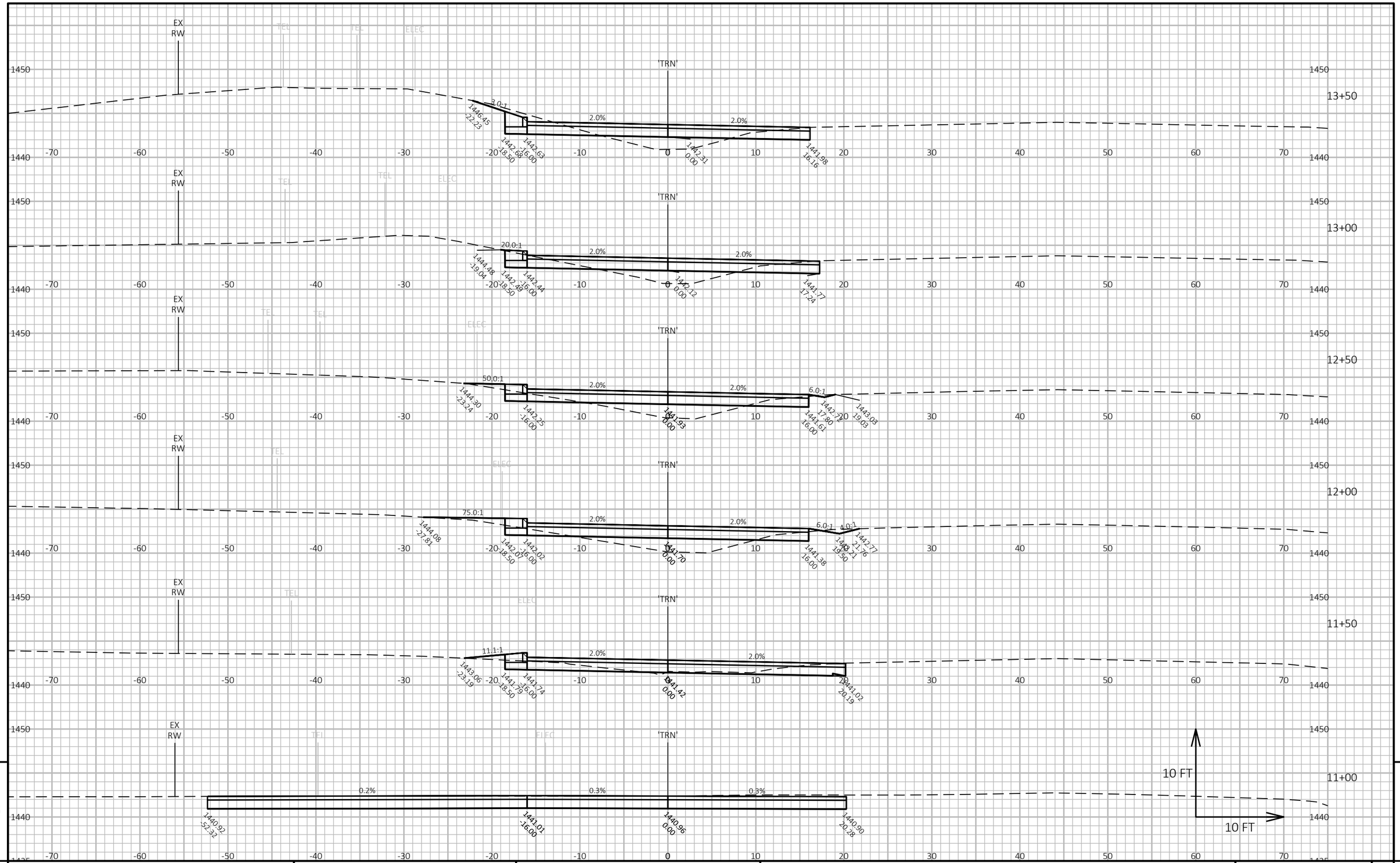
PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: TEMPORARY BYPASS	SHEET E

PRE_244

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090202_XS TEMP BYPASS.DWG
LAYOUT NAME - 090211xs

PLOT DATE : 9/1/2020 1:04 PM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



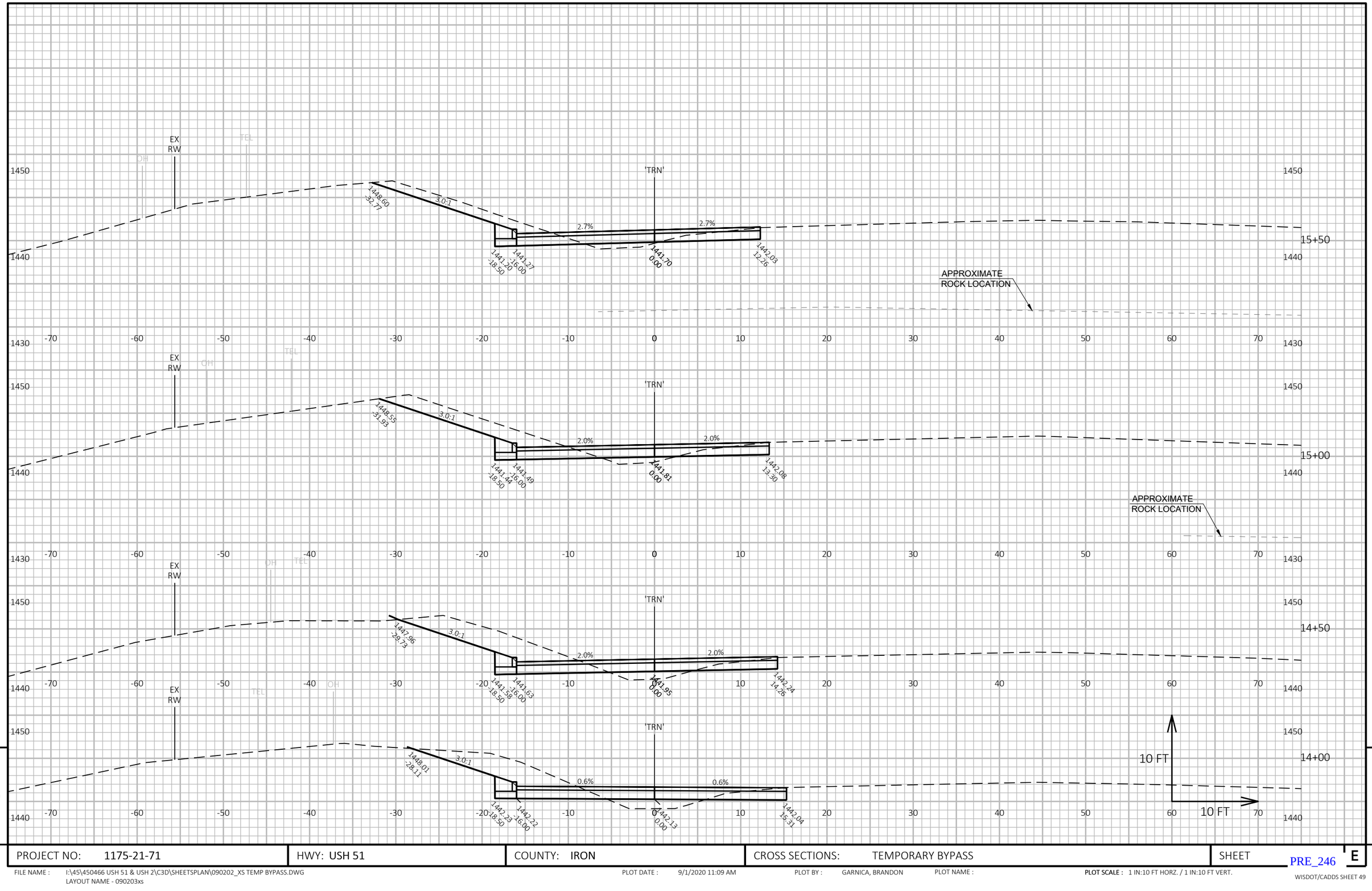
PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: TEMPORARY BYPASS	SHEET E

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090202_XS TEMP BYPASS.DWG
LAYOUT NAME - 090202xs

PLOT DATE : 9/1/2020 11:09 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

PRE_245

WISDOT/CADDS SHEET 49



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PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: TEMPORARY BYPASS	SHEET E

PRE_246

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090202_XS TEMP BYPASS.DWG
LAYOUT NAME - 090203xs

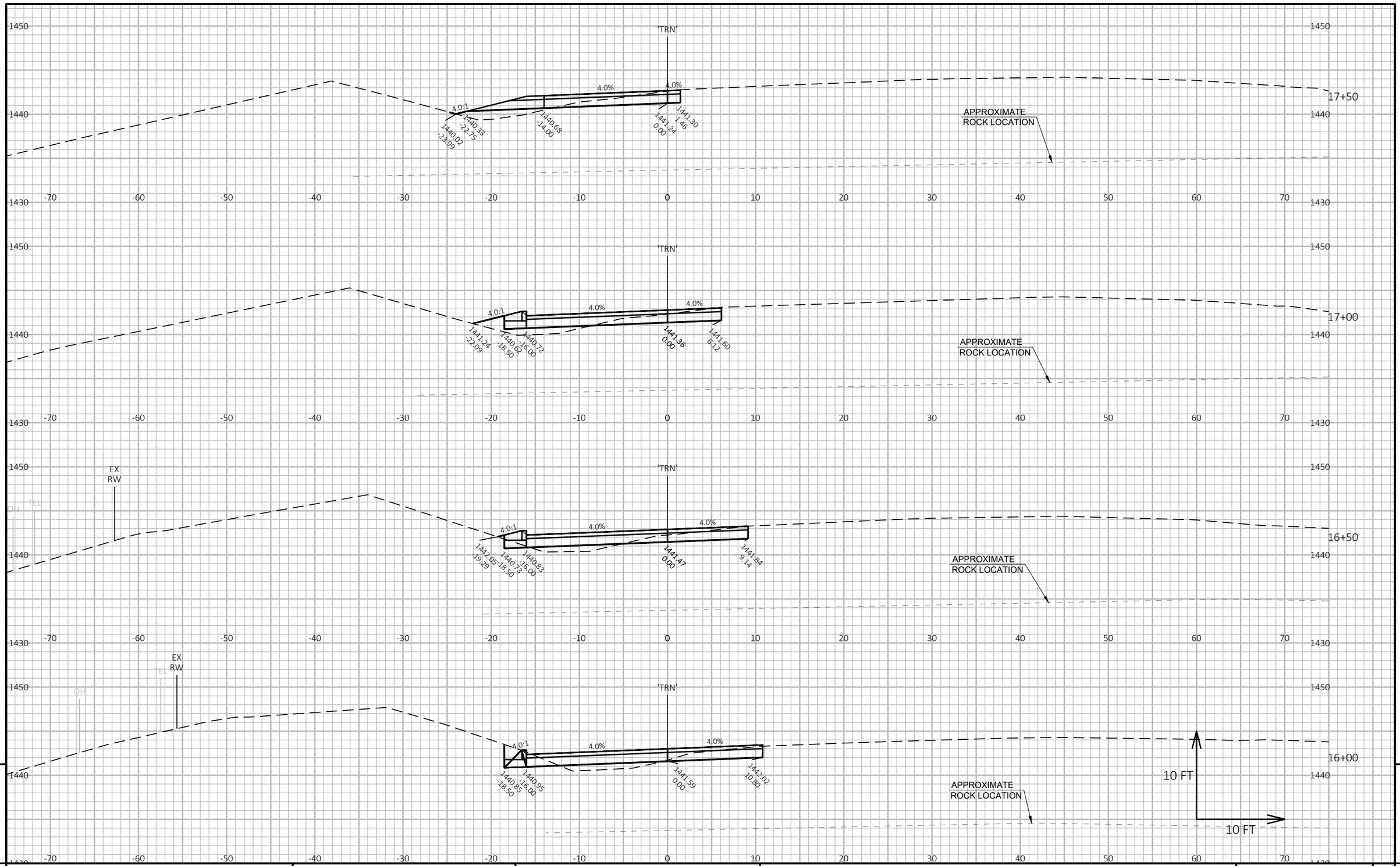
PLOT DATE : 9/1/2020 11:09 AM

PLOT BY : GARNICA, BRANDON

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: TEMPORARY BYPASS	SHEET E

PRE_247

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090202_XS TEMP BYPASS.DWG
LAYOUT NAME - 090204xs

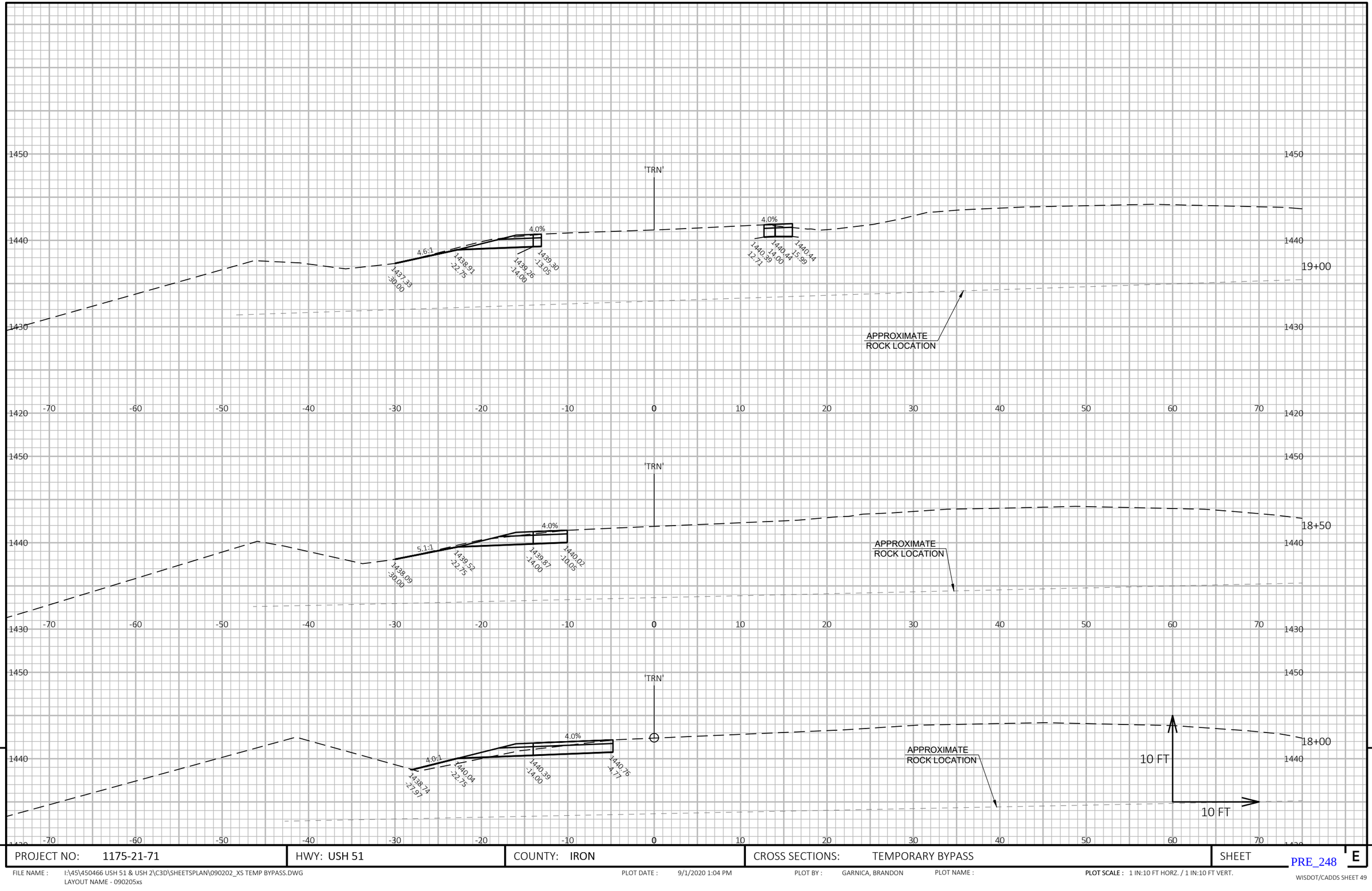
PLOT DATE : 9/1/2020 11:09 AM

PLOT BY : GARNICA, BRANDON

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: TEMPORARY BYPASS	SHEET PRE_248 E

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090202_XS TEMP BYPASS.DWG
LAYOUT NAME - 090205xs

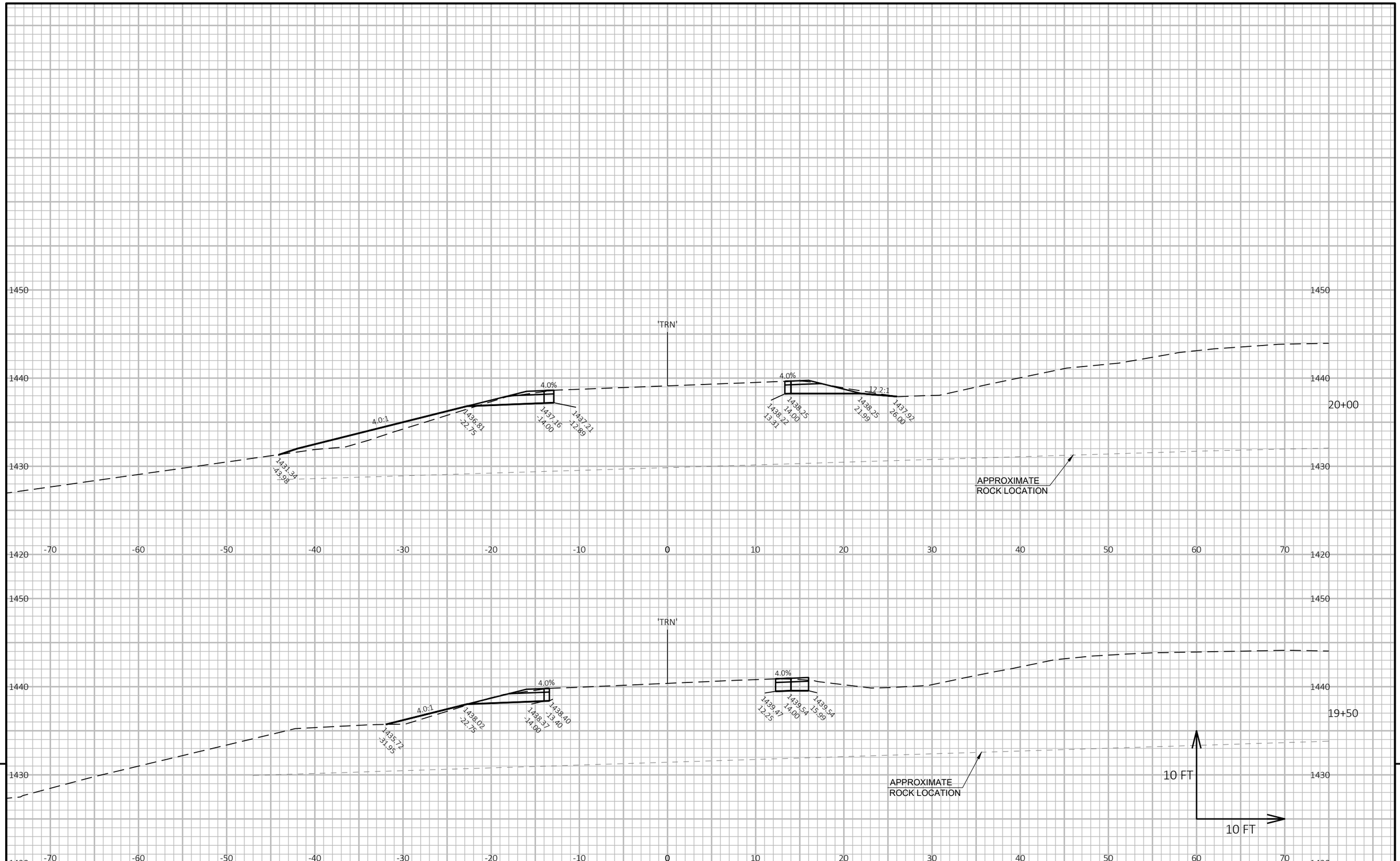
PLOT DATE : 9/1/2020 1:04 PM

PLOT BY : GARNICA, BRANDON

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: TEMPORARY BYPASS	SHEET E

PRE_249

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090202_XS TEMP BYPASS.DWG
LAYOUT NAME - 090206xs

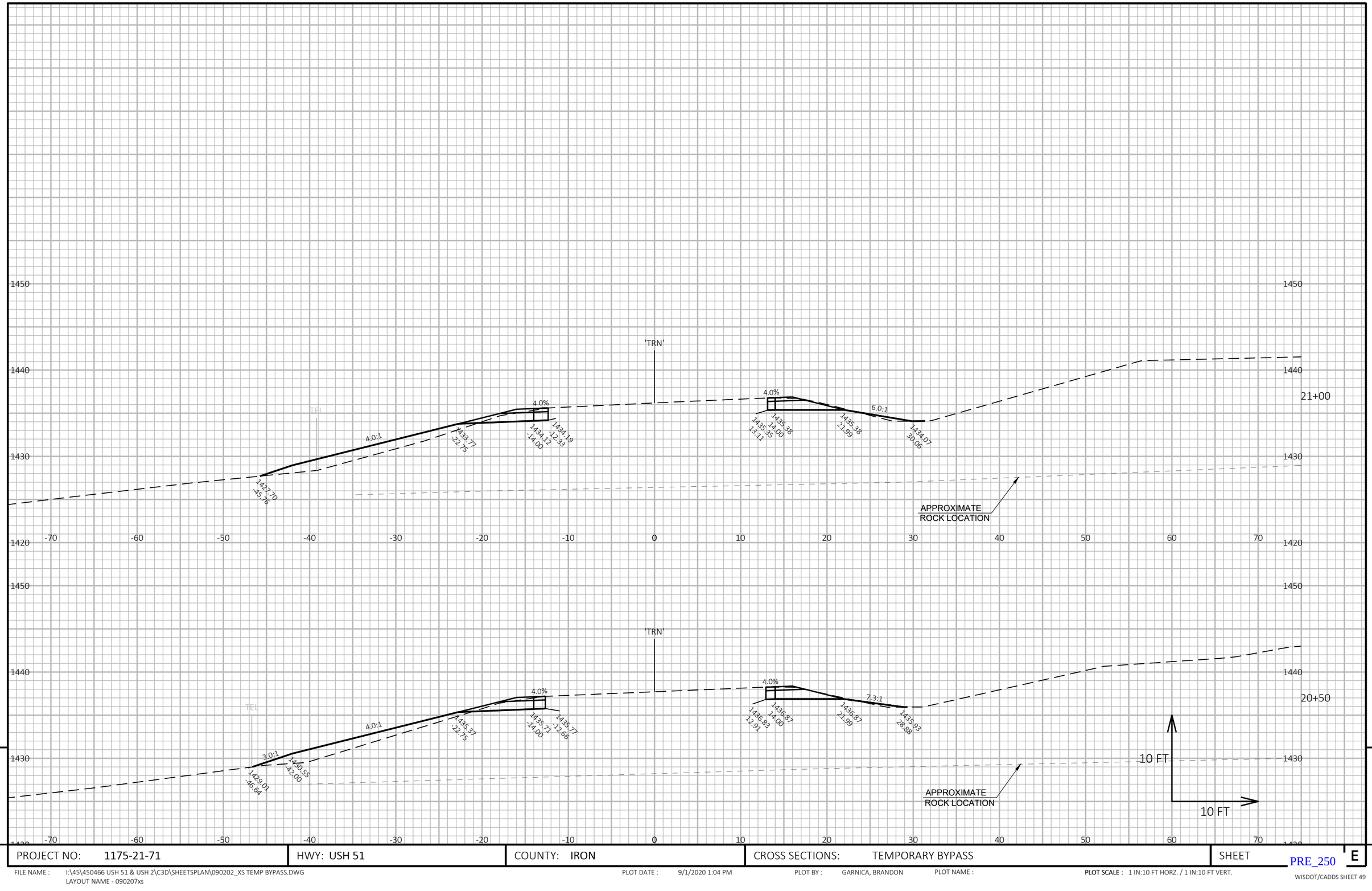
PLOT DATE : 9/1/2020 1:04 PM

PLOT BY : GARNICA, BRANDON

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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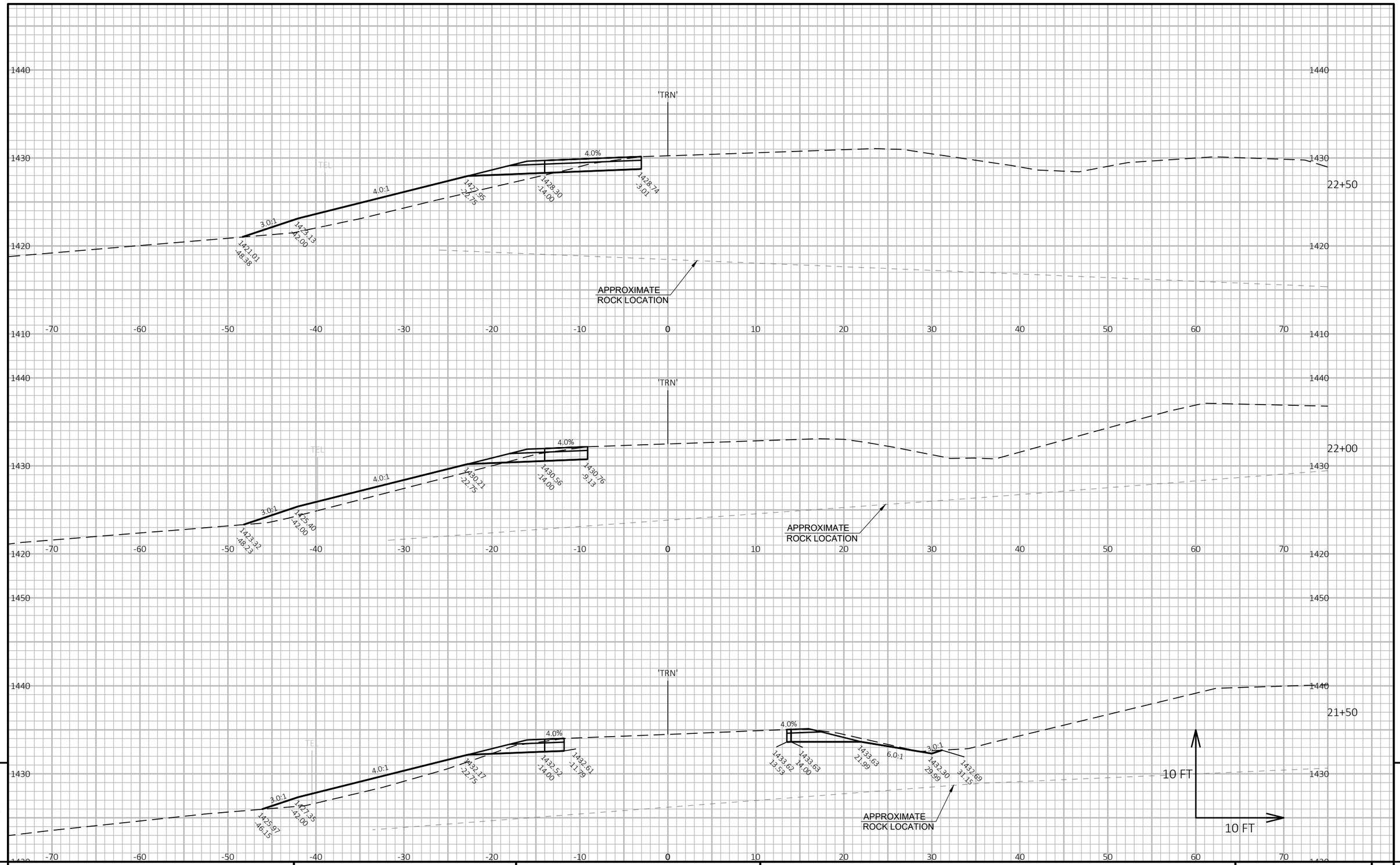
PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: TEMPORARY BYPASS	SHEET E

PRE_250

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090202_XS TEMP BYPASS.DWG
LAYOUT NAME - 090207xs

PLOT DATE : 9/1/2020 1:04 PM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: TEMPORARY BYPASS	SHEET E

PRE_251

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090202_XS TEMP BYPASS.DWG
LAYOUT NAME - 090208xs

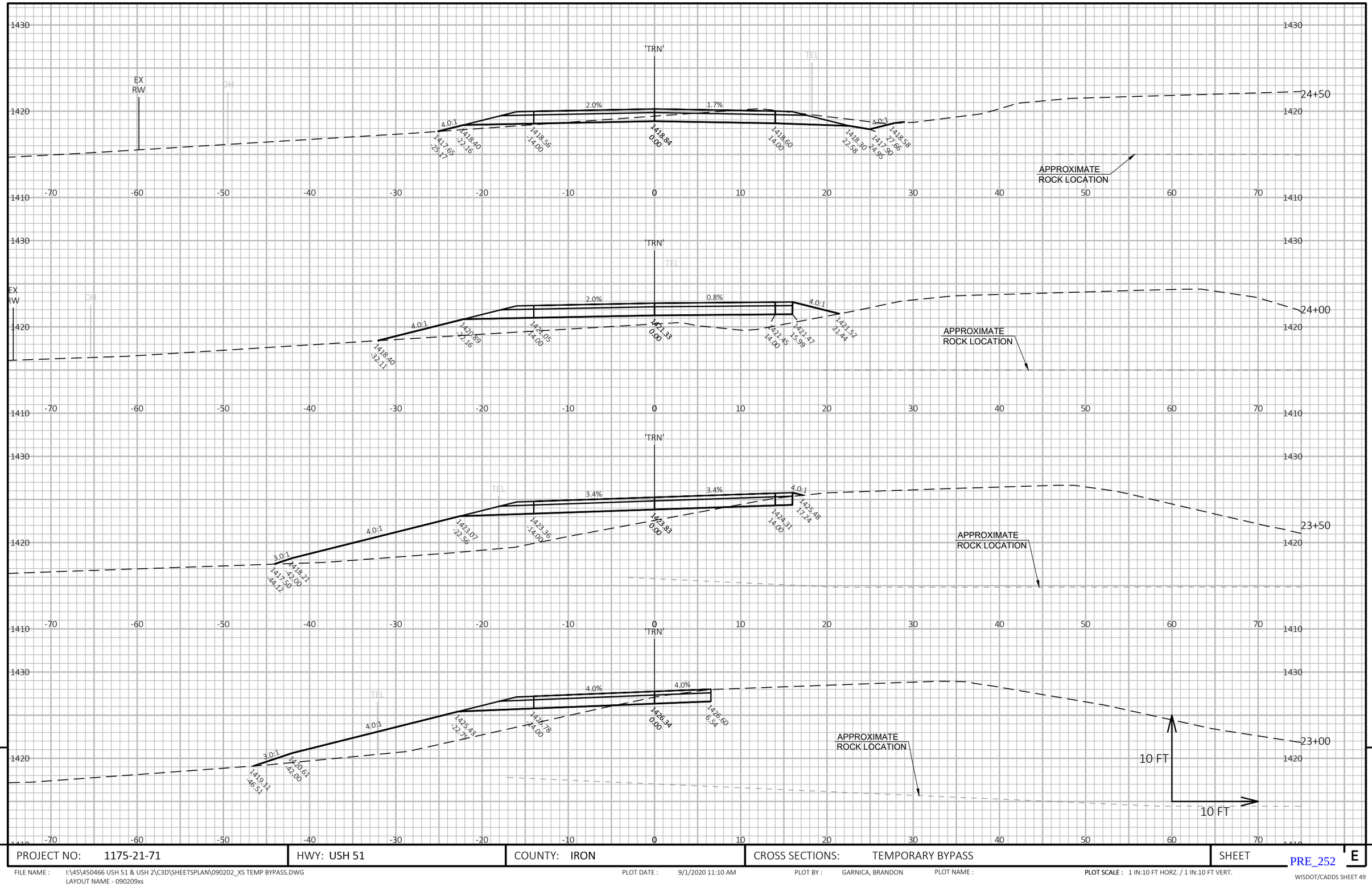
PLOT DATE : 9/1/2020 1:04 PM

PLOT BY : GARNICA, BRANDON

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: TEMPORARY BYPASS	SHEET E

PRE_252

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090202_XS TEMP BYPASS.DWG
LAYOUT NAME - 090209xs

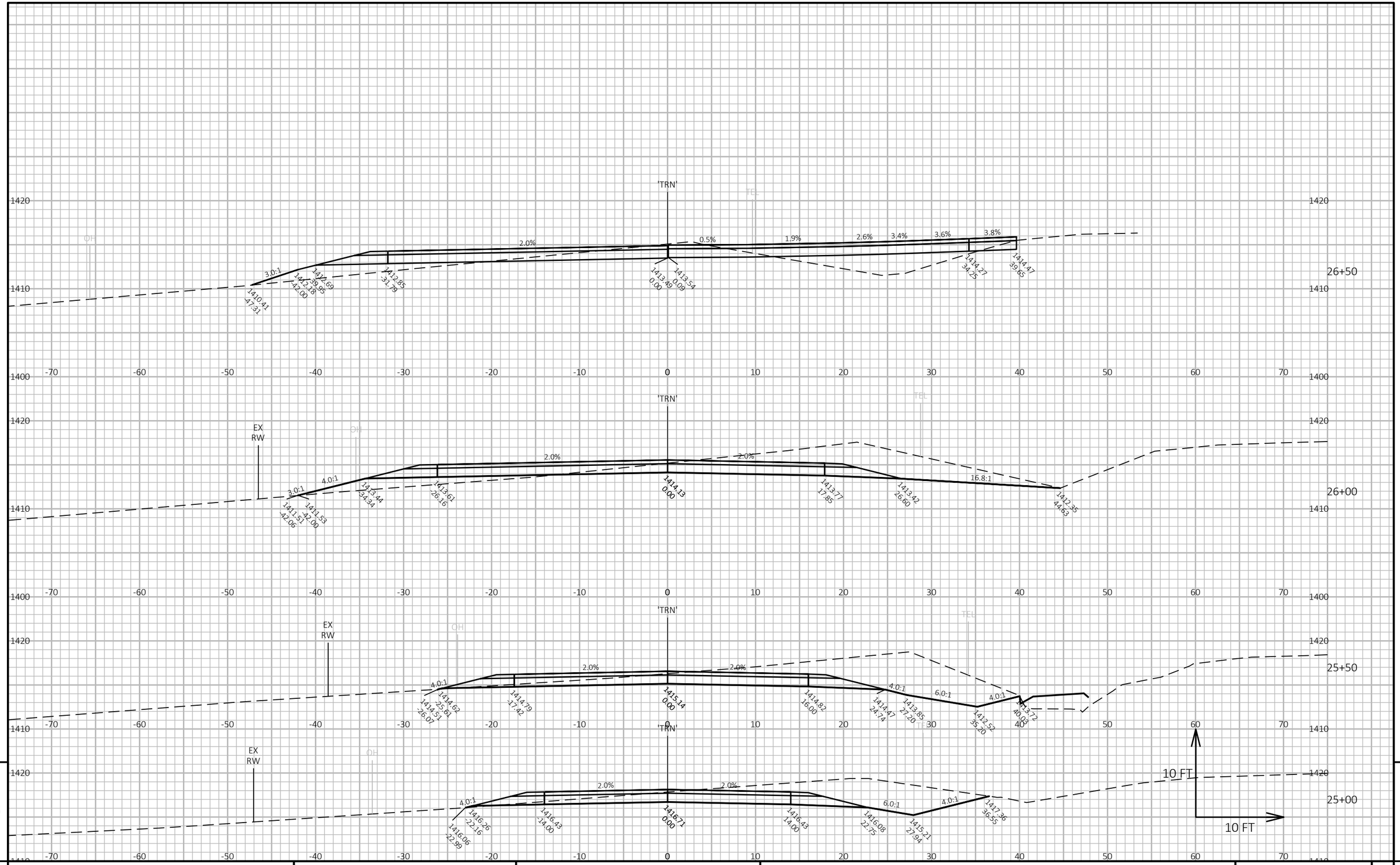
PLOT DATE : 9/1/2020 11:10 AM

PLOT BY : GARNICA, BRANDON

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: TEMPORARY BYPASS	SHEET E

PRE_253

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090202_XS TEMP BYPASS.DWG
LAYOUT NAME - 090210xs

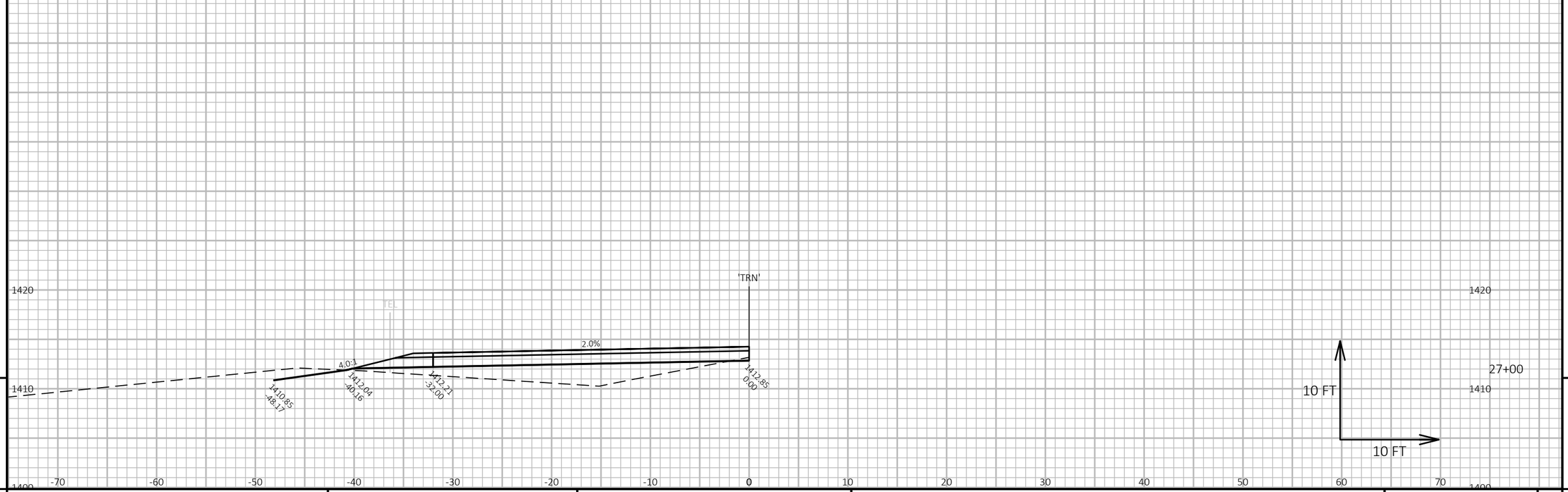
PLOT DATE : 9/1/2020 11:10 AM

PLOT BY : GARNICA, BRANDON

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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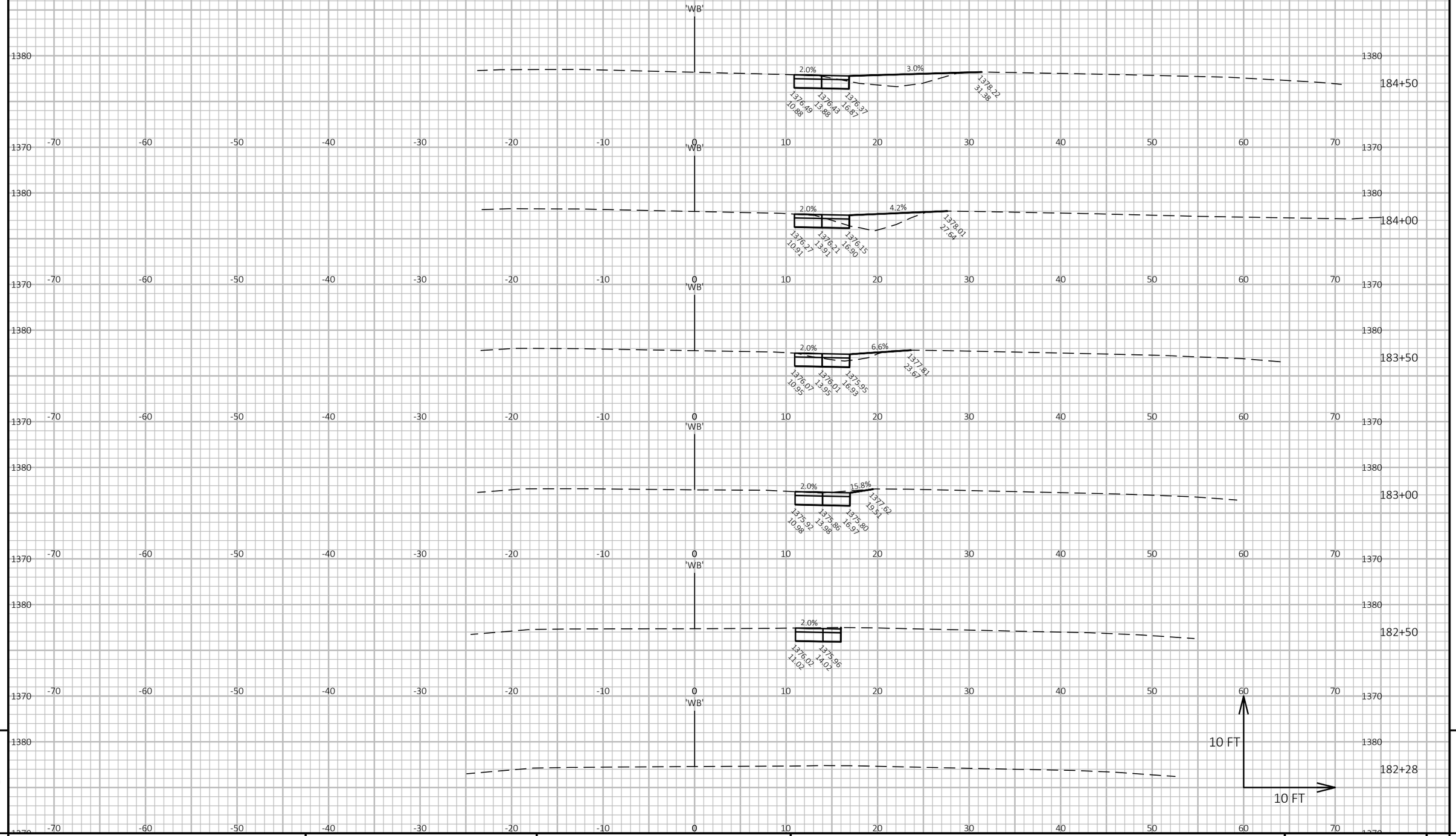
PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: TEMPORARY BYPASS	SHEET E

PRE_254

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090202_XS TEMP BYPASS.DWG
LAYOUT NAME - 090211xs

PLOT DATE : 9/1/2020 11:10 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: USH 2 - WB CROSSOVER	SHEET E

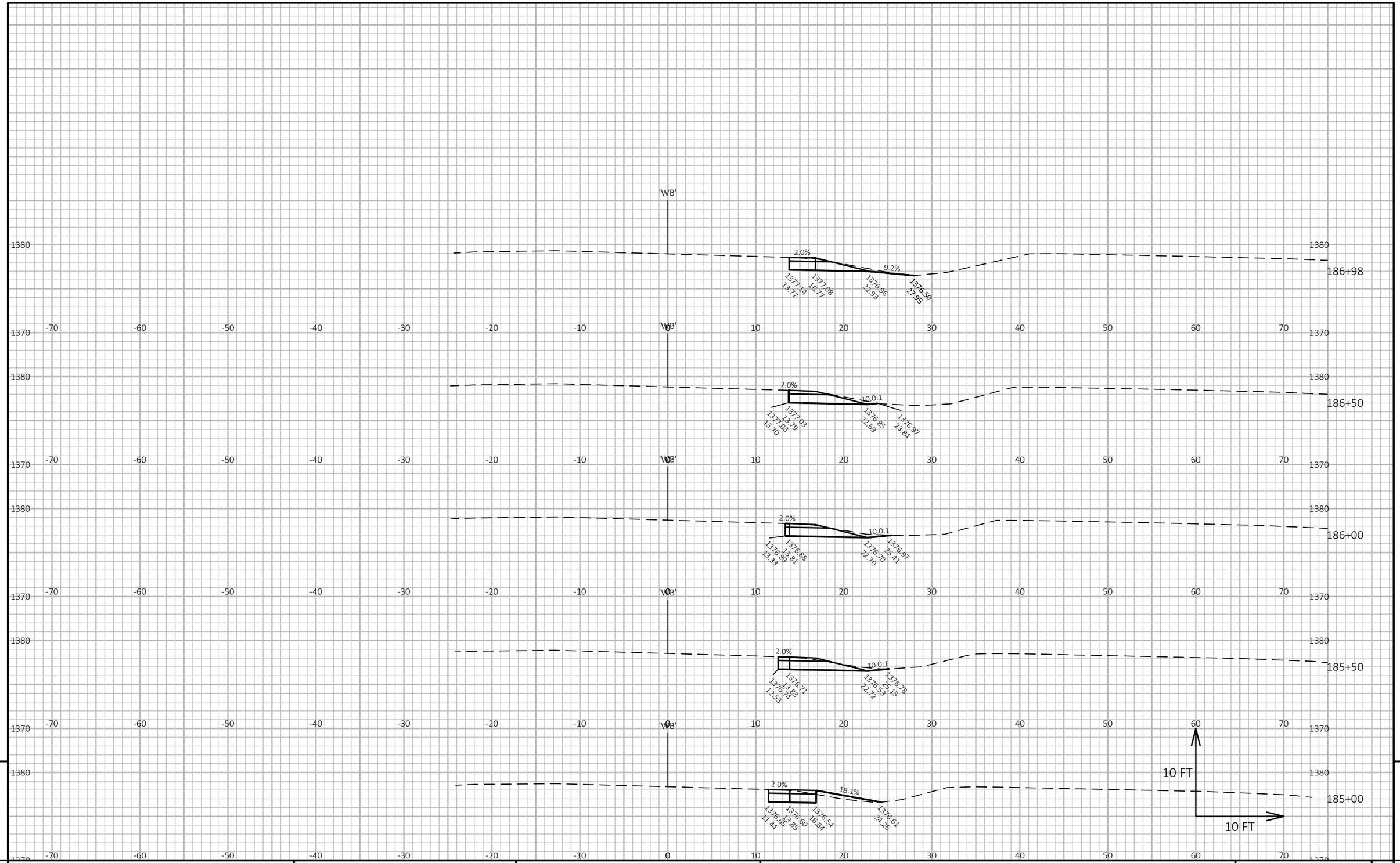
PRE_255

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090202_XS TEMP BYPASS.DWG
LAYOUT NAME - WB Crossover 1

PLOT DATE : 9/1/2020 11:10 AM PLOT BY : GARNICA, BRANDON PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: USH 2 - WB CROSSOVER	SHEET E

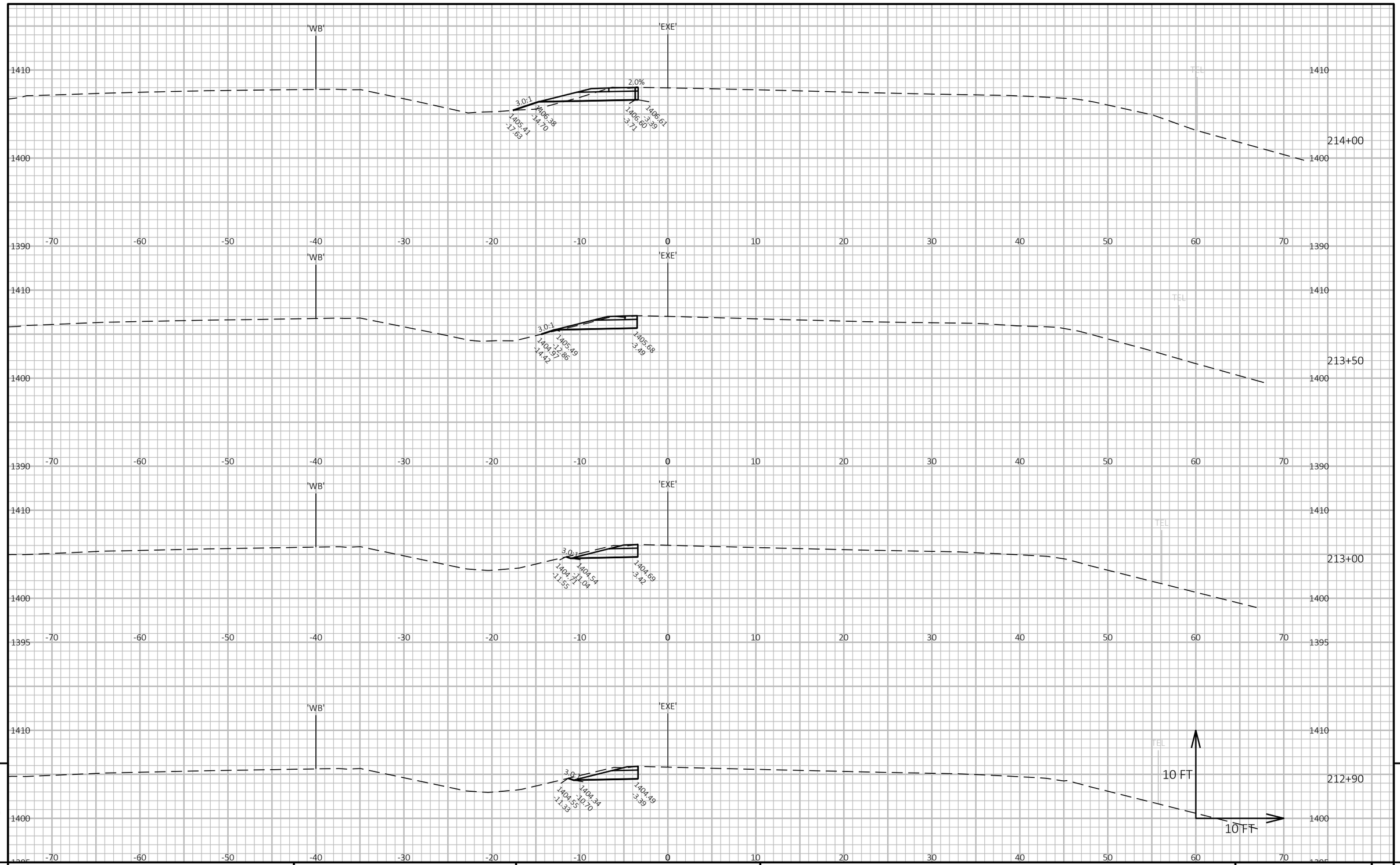
PRE_256

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090202_XS TEMP BYPASS.DWG
LAYOUT NAME - WB Crossover 2

PLOT DATE : 9/1/2020 11:10 AM PLOT BY : GARNICA, BRANDON PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: USH 2 - EB WIDENING	SHEET E

PRE_257

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090202_XS TEMP BYPASS.DWG
LAYOUT NAME - EB Widening1

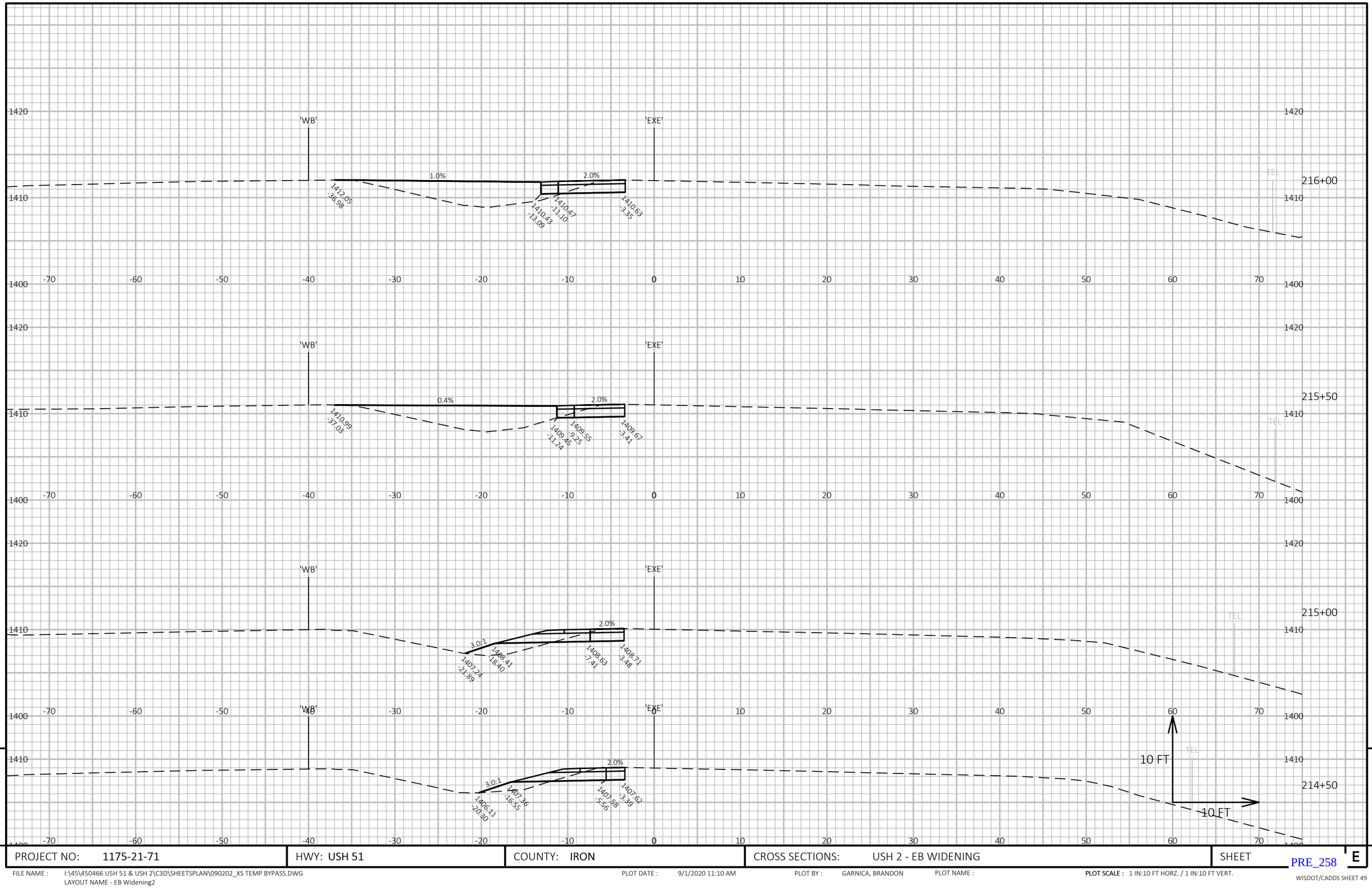
PLOT DATE : 9/1/2020 11:10 AM

PLOT BY : GARNICA, BRANDON

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: USH 2 - EB WIDENING	SHEET E

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090202_XS TEMP BYPASS.DWG
LAYOUT NAME - EB Widening2

PLOT DATE : 9/1/2020 11:10 AM

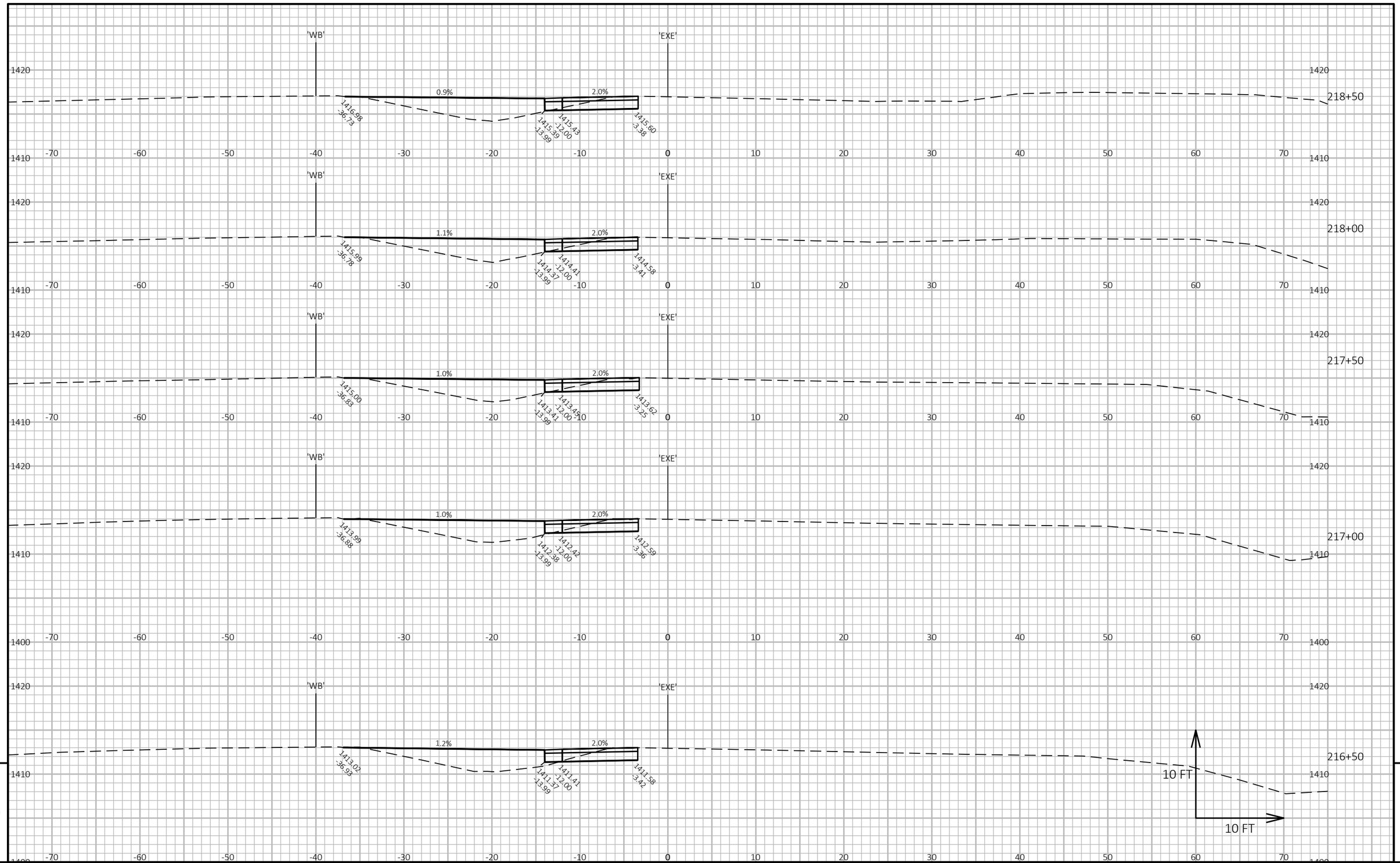
PLOT BY : GARNICA, BRANDON

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

PRE_258

WISDOT/CADDS SHEET 49



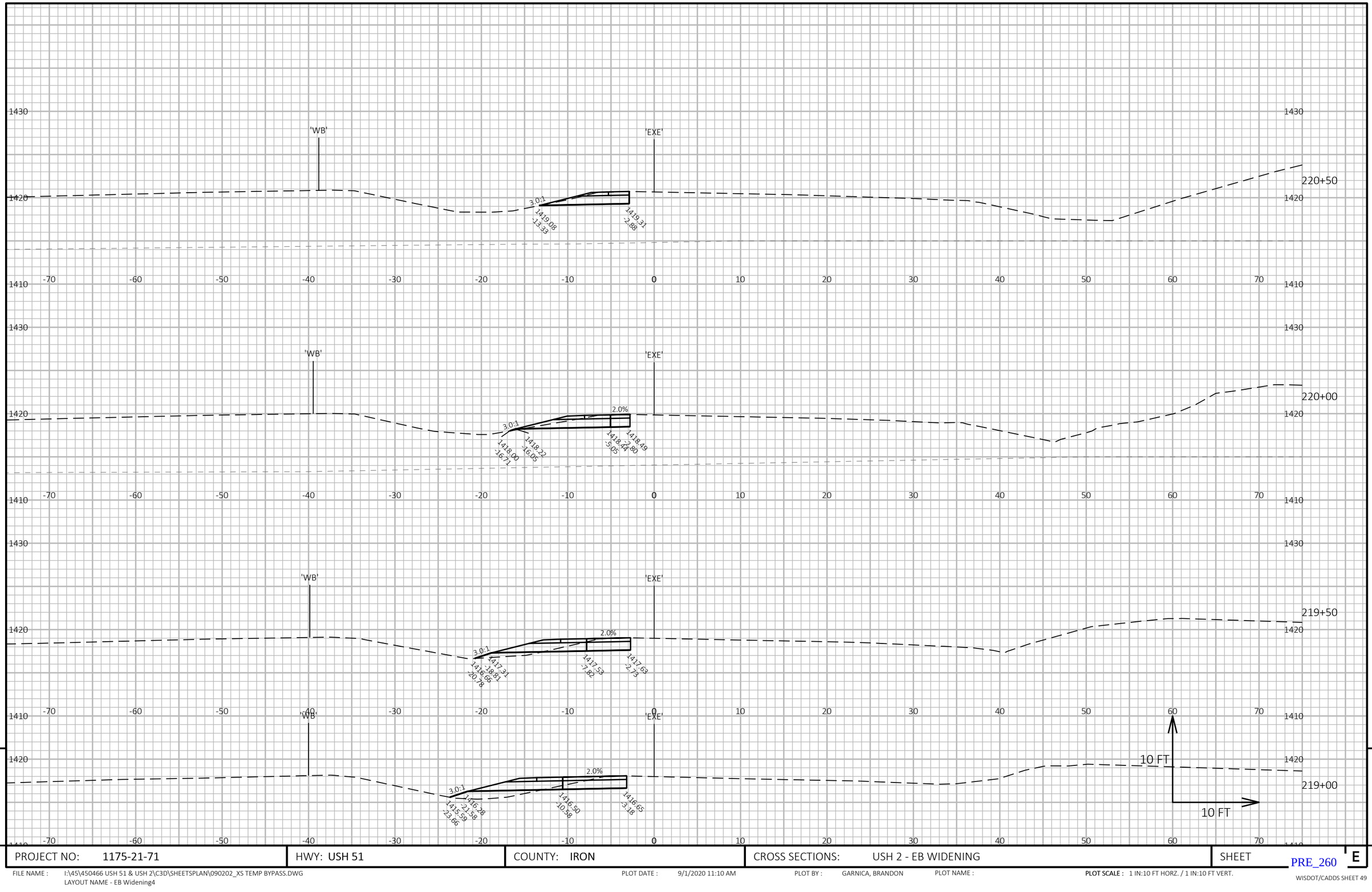
PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: USH 2 - EB WIDENING	SHEET E

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090202_XS TEMP BYPASS.DWG
LAYOUT NAME - EB Widening3

PLOT DATE : 9/1/2020 11:10 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

PRE_259

WISDOT/CADDS SHEET 49



9

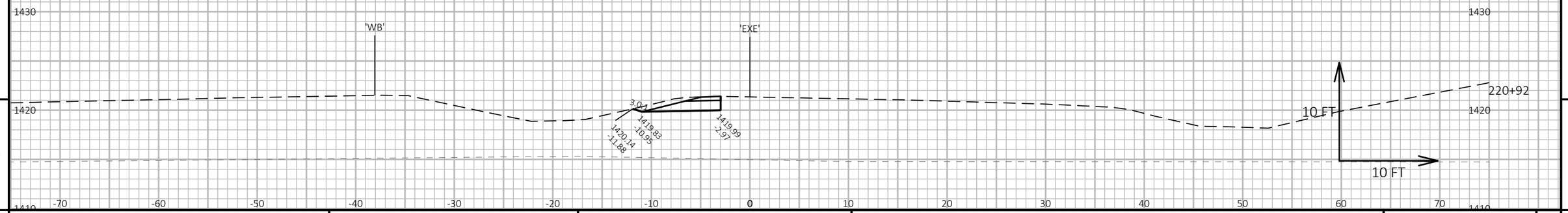
9

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: USH 2 - EB WIDENING	SHEET E

PRE_260

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090202_XS TEMP BYPASS.DWG
LAYOUT NAME - EB Widening4

PLOT DATE : 9/1/2020 11:10 AM PLOT BY : GARNICA, BRANDON PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



9

9

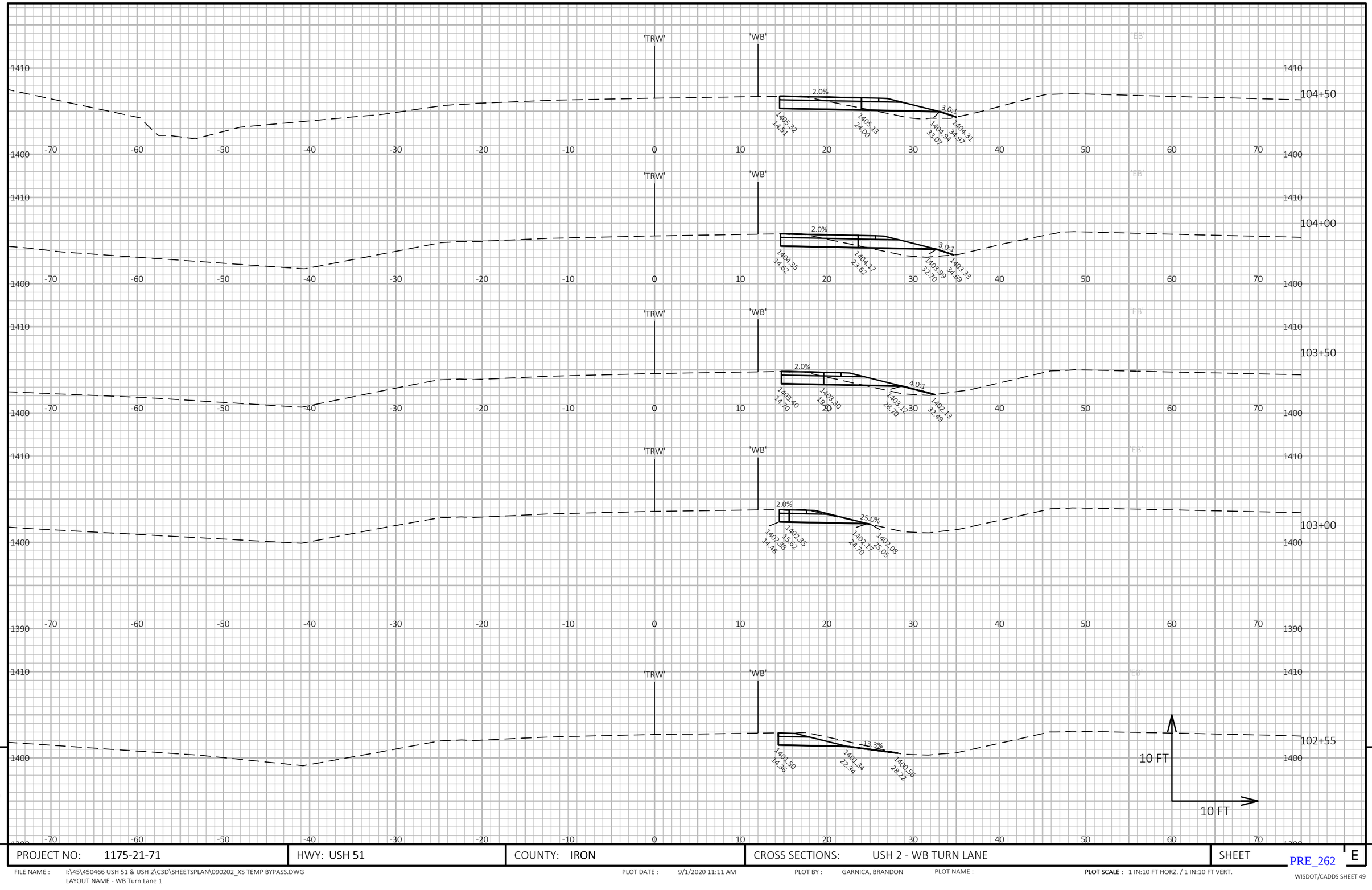
PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: USH 2 - EB WIDENING	SHEET E

PRE_261

FILE NAME : V:\TRANS-GB\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090202_XS TEMP BYPASS.DWG
LAYOUT NAME - EB Widening4 (2)

PLOT DATE : 9/1/2020 11:11 AM PLOT BY : GARNICA, BRANDON PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: USH 2 - WB TURN LANE	SHEET E

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090202_XS TEMP BYPASS.DWG
LAYOUT NAME - WB Turn Lane 1

PLOT DATE : 9/1/2020 11:11 AM

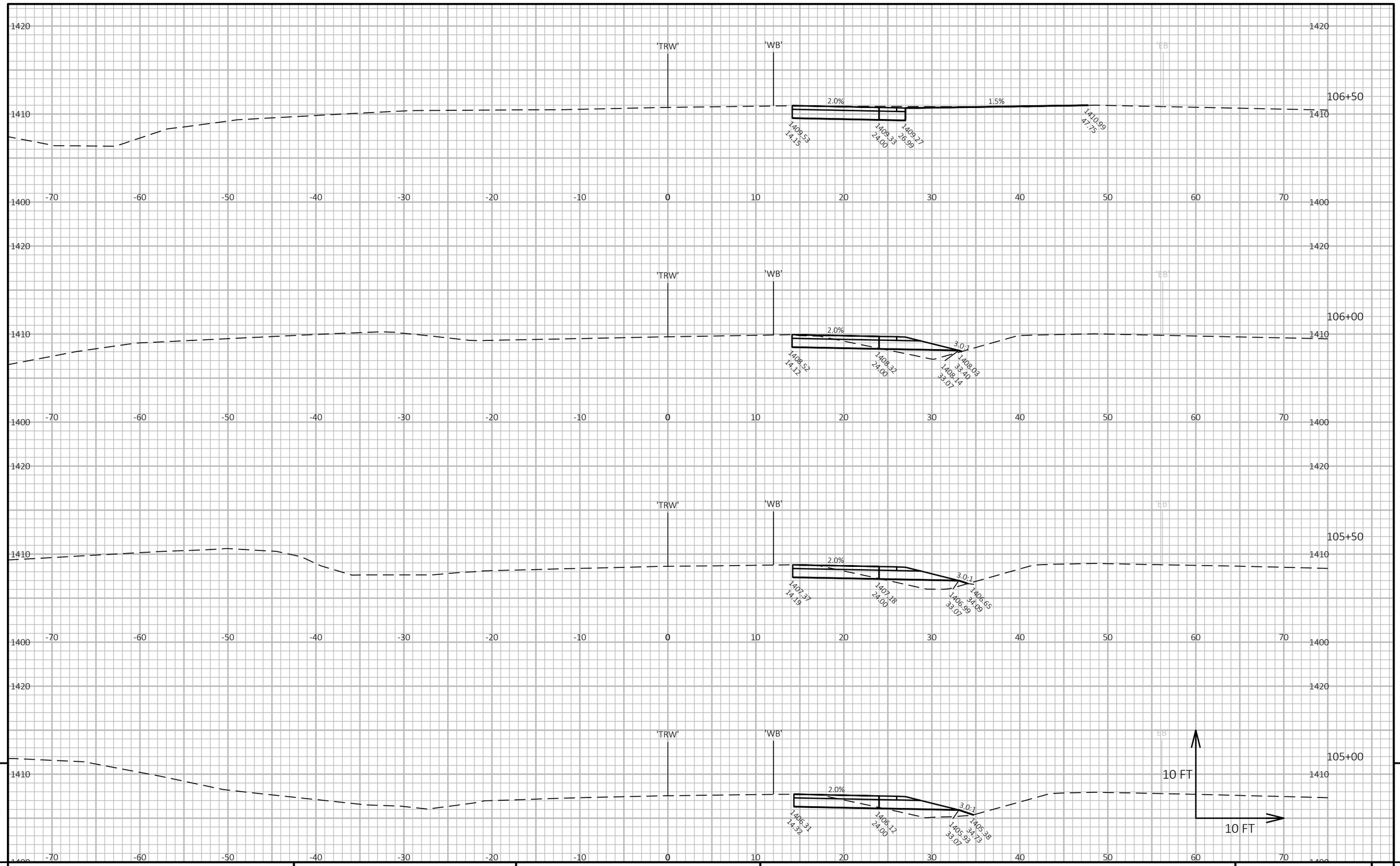
PLOT BY : GARNICA, BRANDON

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

PRE_262

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: USH 2 - WB TURN LANE	SHEET E

PRE_263

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090202_XS TEMP BYPASS.DWG
LAYOUT NAME - WB Turn Lane 2

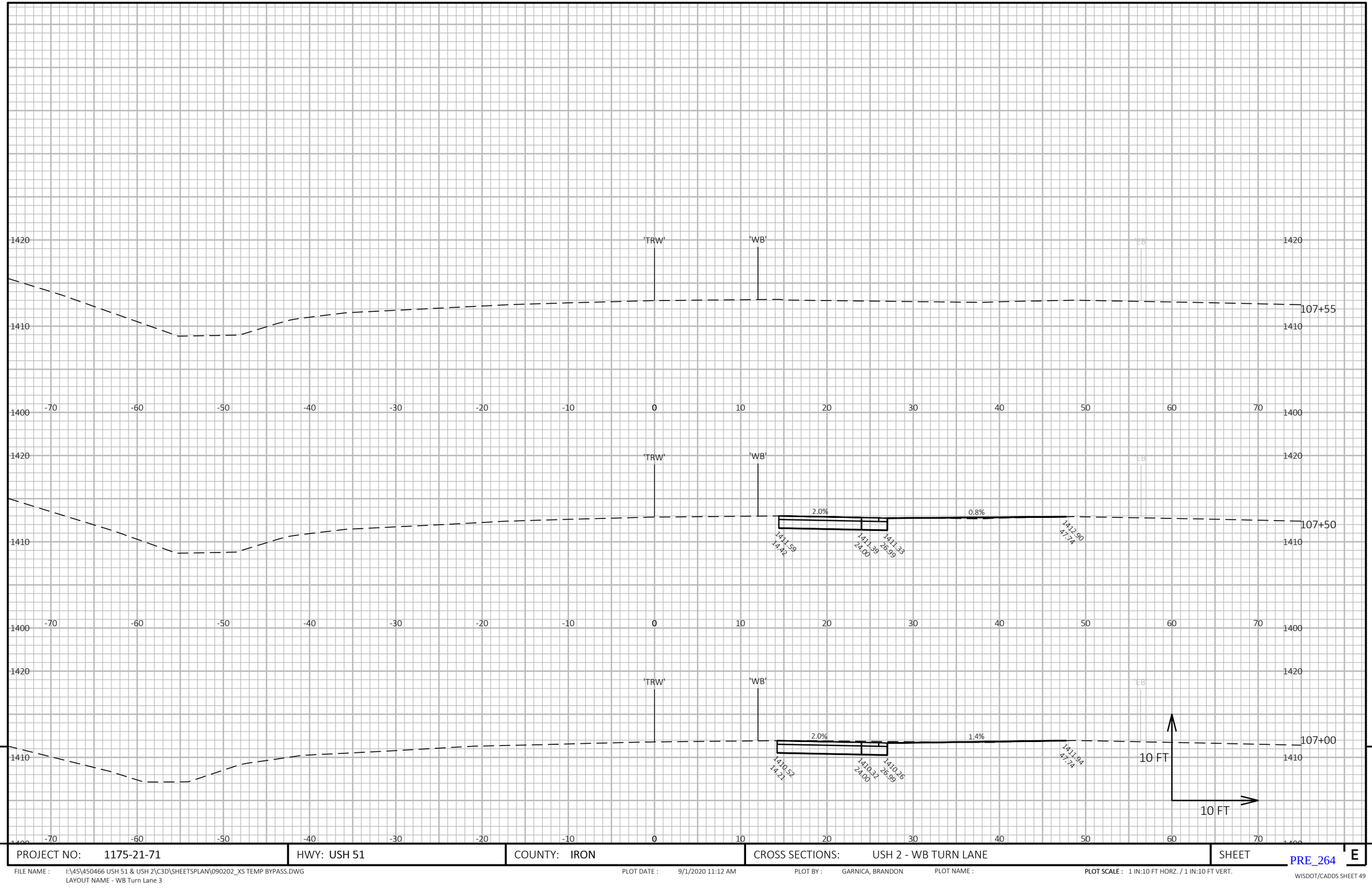
PLOT DATE : 9/1/2020 11:11 AM

PLOT BY : GARNICA, BRANDON

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 1175-21-71	HWY: USH 51	COUNTY: IRON	CROSS SECTIONS: USH 2 - WB TURN LANE	SHEET E

PRE_264

FILE NAME : I:\45\450466 USH 51 & USH 2\C3D\SHEETSPLAN\090202_XS TEMP BYPASS.DWG
LAYOUT NAME - WB Turn Lane 3

PLOT DATE : 9/1/2020 11:12 AM

PLOT BY : GARNICA, BRANDON

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

WISCONSIN DEPARTMENT OF TRANSPORTATION

EPlans Preliminary Sheet Numbering Tool

This sheet: ftp://ftp.dot.state.wi.us/transp/roads/eplans/prelim_sheet_numbers.pdf

Notes

- Acrobat 5 or higher is required to use this tool.
- The Bureau of Highway Construction places sheet numbers in the final plan.
- This sheet is for placing preliminary sheet numbers with a “PRE_" prefix.
- If a plan contains multiple projects, number each plan individually.
- Leave this sheet in the plan.

TO ADD PRELIMINARY SHEET NUMBERS

1. Insert this sheet at the end of the plan

a. With the plan open in Acrobat, select Document > Insert Pages.
b. In the Select File to Insert dialog box, select this file (prelim_sheet_numbers.pdf)
c. In the Insert dialog box, choose After for Location and Last page for Page.
d. Click OK.

2. Click the Place Preliminary Sheet Numbers button

a. Go to the last sheet of the plan.
b. Click the Place Preliminary Sheet Numbers button once.
(The preliminary sheet number appears in the bottom right corner of the sheets.
The number should match te page number in the Acrobat Status bar).

3. Re-Save the PDF

a. Select File > Save As and save the PDF.

Place Preliminary Sheet Numbers

TO REMOVE PRELIMINARY SHEET NUMBERS

Remove