PROJECT ID: 6020-00-70

WITH: N/A

COUNTY: COLUMBIA

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 =

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

DEFOREST-PORTAGE

STH 22/STH 60 INTERSECTION

USH 51

COLUMBIA COUNTY

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
6020-00-70		

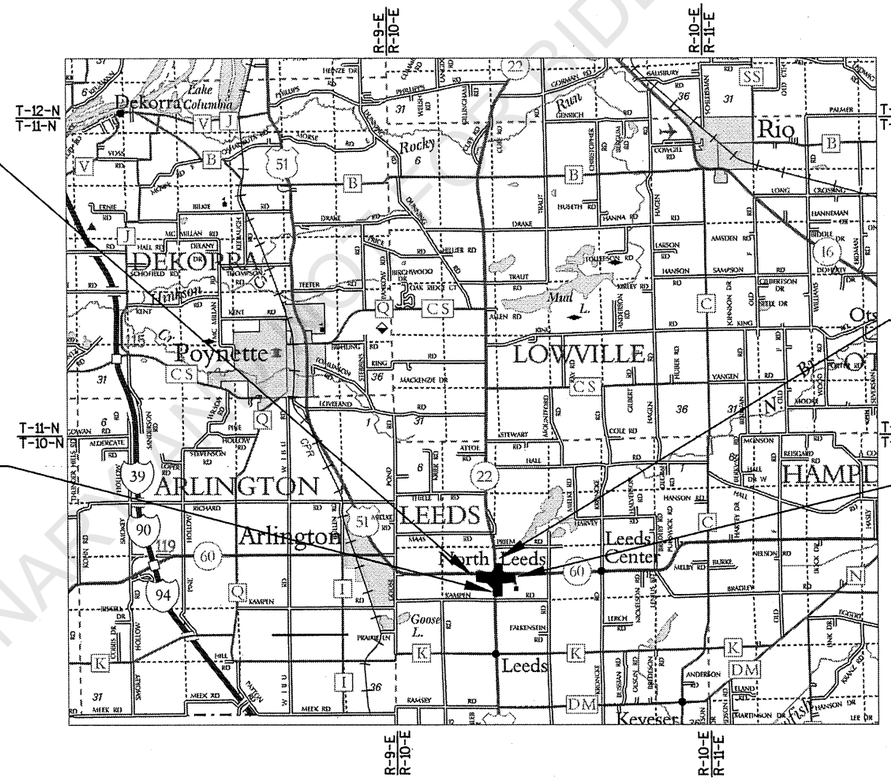
STATE PROJECT NUMBER

6020-00-70



N

BEGIN PROJECT
STA. 102+00.00 "EB"
Y = 318527.10
X = 571252.43



END CONSTRUCTION
STA. 229+00.00 "NB"

BEGIN CONSTRUCTION
STA. 205+00.00 "NB"

END PROJECT
STA. 134+50.00 "EB"

DESIGN DESIGNATION

A.A.D.T.	(2022)	=	10,000
A.A.D.T.	(2042)	=	12,000
D.H.V.	(9.6%)	=	8.4
D.D.		=	60/40
T.		=	10%
DESIGN SPEED		=	60 MPH
ESALS		=	2,500,000

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
- EXISTING CULVERT
- PROPOSED CULVERT (Box or Pipe)
- COMBUSTIBLE FLUIDS (CAUTION)
- MARSH AREA
- WOODED OR SHRUB AREA

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

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

LAYOUT
SCALE 0 1.5 MILES

TOTAL NET LENGTH OF CENTERLINE = 0.616 MI.

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COUNTY COORDINATES, COLUMBIA COUNTY, NAD83(2011), IN U.S. SURVEY FEET. VALUE ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCE MAY BE USED AS GROUND DISTANCES.

ELEVATION SHOWN ON THIS PLAN ARE REFERENCE TO THE NORTH AMERICAN VERTICAL DATUM OF 1988, NAVD88 (2012). GPS DERIVED ELEVATIONS ARE BASED ON GEOID 12A.

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	JSD PROFESSIONAL SERVICES, INC
Designer	GREGORY PAYNE, P.E.
Project Manager	GREGORY PAYNE, P.E.
Regional Examiner	SW REGION
Regional Supervisor	MARC SCHWEIGER, P.E.

APPROVED FOR THE DEPARTMENT
DATE: 8/5/21 (Signature)

E

PRELIMINARY NOT FOR BIDDING PURPOSES

2

SECTION 2 ORDER OF SHEETS

GENERAL NOTES
PROJECT OVERVIEW
TYPICAL SECTIONS
CONSTRUCTION DETAILS
BORING DETAILS
INTERSECTION DETAILS
PAVING DETAILS
EROSION CONTROL DETAILS
STORM SEWER DETAILS
PERMANENT SIGNING DETAILS
LIGHTING DETAILS
PAVEMENT MARKING DETAILS
TRAFFIC CONTROL STAGING
ALIGNMENT DETAILS

GENERAL NOTES

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

THE CONTRACTOR SHALL COORDINATE HIS CONSTRUCTION ACTIVITIES WITH A CALL TO DIGGERS HOTLINE AND/OR A DIRECT CALL TO THE UTILITIES THAT HAVE FACILITIES IN THE AREA. NOT ALL UTILITIES ARE MEMBERS OF DIGGERS HOTLINE.

HMA PAVEMENT WEIGHT CALCULATIONS ARE BASED ON 112 LB/SY/IN.

PLACE 6" HMA PAVEMENT IN THREE LAYERS, 2" UPPER LAYER AND TWO 2" LOWER LAYERS. PLACE THE 4" TEMPORARY ASPHALTIC SURFACE IN A SINGLE LAYER.

THE CONTRACTOR'S PAVING OPERATIONS SHALL BE CONSISTENT WITH THE PLAN TYPICAL SECTION AND CONSTRUCTED TO PREVENT HMA LONGITUDINAL JOINTS FROM BEING LOCATED WITHIN A DRIVING OR TURNING LANE.

THE EXACT LOCATIONS AND LIMITS OF PRIVATE ENTRANCES AND FIELD ENTRANCES SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

EROSION CONTROL ITEMS IN THE MISCELLANEOUS QUANTITIES, TYPICAL SECTIONS, AND EROSION CONTROL PLANS ARE SUGGESTED. EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD. MAINTAIN EROSION CONTROL ITEMS UNTIL SUCH TIME AS THE ENGINEER DETERMINES THE MEASURE IS NO LONGER NECESSARY.

ALL DISTURBED AREAS WITHIN THE RIGHT-OF-WAY SHALL BE RESTORED AS DIRECTED BY THE ENGINEER.

NO TREES OR SHRUBS ARE TO BE REMOVED UNLESS INDICATED FOR REMOVAL BY THE ENGINEER.

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

CURB AND GUTTER GRADES ARE MEASURED AT THE FLANGE LINE.

CURB AND GUTTER RADII ARE MEASURED TO THE FLANGE LINE.

THE LOCATION OF STORM SEWER STRUCTURES REFERS TO THE CENTER OF THE STRUCTURE.

STANDARD ABBREVIATIONS

AGG	AGGREGATE
AADT	ANNUAL AVERAGE DAILY TRAFFIC
CL OR C/L	CENTER LINE
CTH	COUNTY TRUNK HIGHWAY
CY	CUBIC YARD
DHV	DESIGN HOUR VOLUME
EB	EASTBOUND
FE	FIELD ENTRANCE
FT	FOOT
IN DIA	INCH DIAMETER
LIN FT OR LF	LINEAR FOOT
NB	NORTHBOUND
OH	OVERHEAD
PAVT	PAVEMENT
LB	POUND
PSI	POUNDS PER SQUARE INCH
PROJ	PROJECT
RL	REFERENCE LINE
R/W	RIGHT OF WAY
RD	ROAD
RDWY	ROADWAY
SHLDR	SHOULDER
S	SOUTH
SB	SOUTHBOUND
SPECS	SPECIFICATIONS
SF	SQUARE FOOT
SY	SQUARE YARD
SDD	STANDARD DETAIL DRAWING
SSPRC	STORM SEWER PIPE REINFORCED CONCRETE
TEL	TELEPHONE
UG	UNDERGROUND
W	WEST
WB	WESTBOUND

WISDOT REGION CONTACTS

GREGORY PAYNE, P.E.
PROJECT LEADER/MANAGER
WISDOT SOUTHWEST REGION
2101 WRIGHT STREET
MADISON, WI 53704
(608) 242-8058
GREGORY.PAYNE@DOT.WI.GOV

DNR LIASON

ERIC HEGGELUND
DNR SOUTH CENTRAL REGION HQ
3911 FISH HATCHERY ROAD
FITCHBURG, WI 53711
(608) 275-3301
ERIC.HEGGELUND@WISCONSIN.GOV

UTILITY CONTACTS

MARY MONTGOMERY
ALLIANT ENERGY - ELECTRICITY
200 FIRST ST
CEDAR RAPIDS, IA 52401
(319) 786-4768
MARYMONTGOMERY@ALLIANTENERGY.COM

KEVIN ZICKERT
CENTURYLINK - COMMUNICATION LINE
224 INDUSTRIAL DR.
NORTH PRAIRIE, WI 53153
(262) 392-5200
KEVIN.ZICKERT@CENTURYLINK.COM

JANE ROSSING
MG&E - GAS/PETROLEUM
P.O. BOX 1231
MADISON, WI 53701-1231
(608) 252-7099
WORKPLANS@MGE.COM

PRELIMINARY AND NOT FOR BIDDING PURPOSES

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

2

N

BEGIN PROJECT
STA. 102+00.00 "EB"

OBLITERATE OLD STH 60

USH 51/STH 60

610 100"EB" 104"EB" 108"EB" 112"EB" 116"EB" 120"EB" 128"EB" 132"EB" 136"EB" STH 60

END CONSTRUCTION
STA. 229+00.00 "NB"

STH 22

231"NB" 228"NB" 224"NB" 216"NB" 212"NB" 208"NB" 204"NB"

S-11-30

END PROJECT
STA. 134+50.00 "EB"

630

OBLITERATE OLD USH 51

640

GREENWOOD CEMETERY

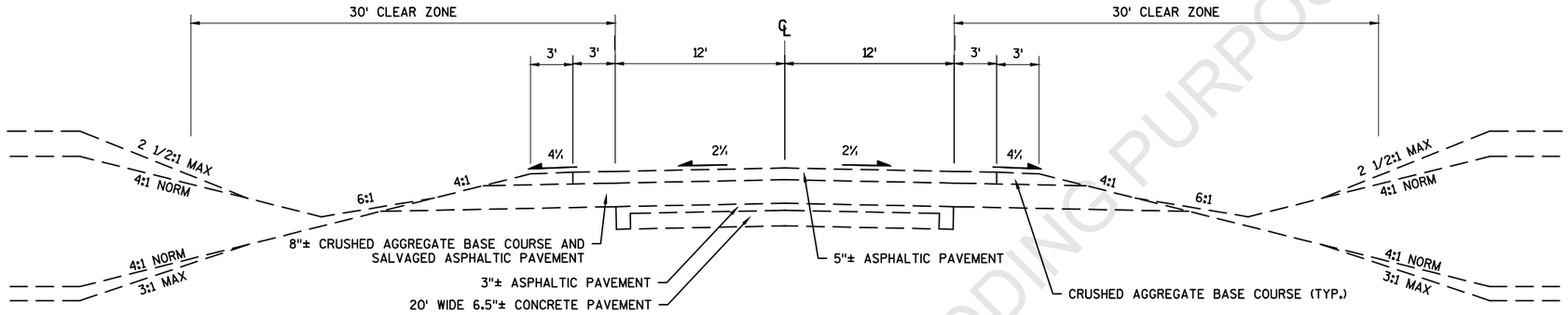
BEGIN CONSTRUCTION
STA. 205+00.00 "NB"

USH 51

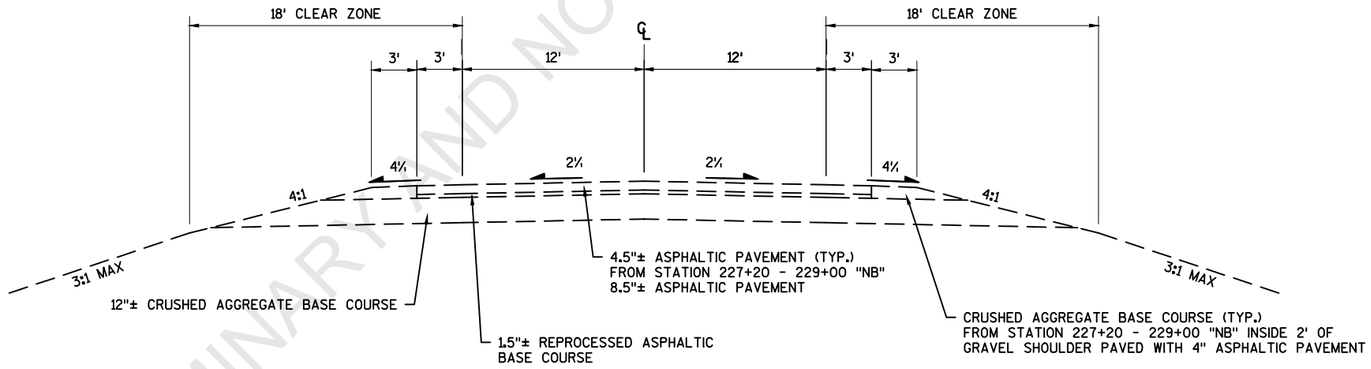
PRELIMINARY AND NOT FOR BIDDING PURPOSES

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	PROJECT OVERVIEW	SHEET	E

FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\020201-PO.DWG
LAYOUT NAME - Plan 1 IN 200 FT
PLOT DATE : 4/12/2021 7:47 AM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN: 300 FT
WISDOT/CADDS SHEET 42



EXISTING TYPICAL SECTION USH 51
STA. 610+00 - STA. 650+00

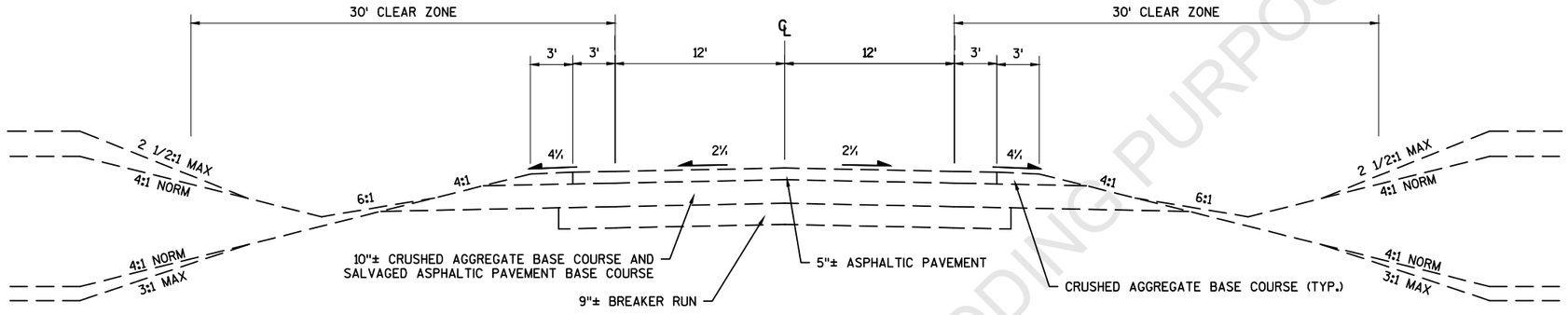


EXISTING TYPICAL SECTION STH 22
STA 210+00 "NB" - 229+00 "NB"

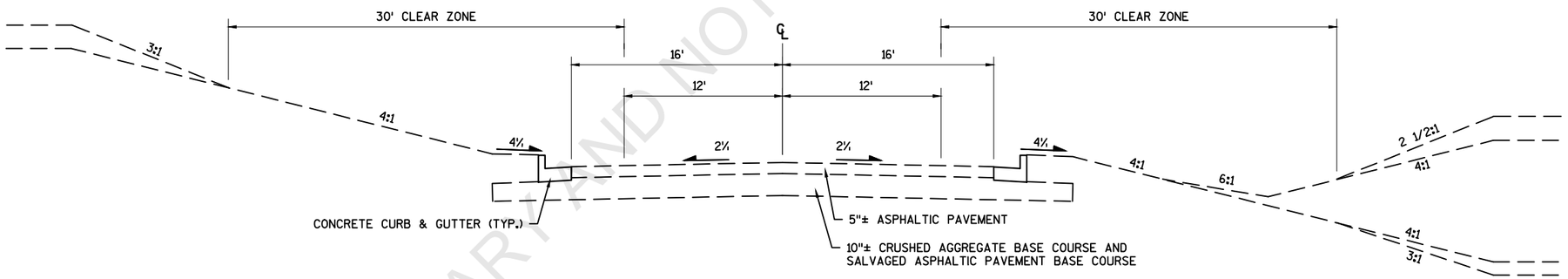
PRELIMINARY AND NOT FOR BIDDING PURPOSES

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	EXISTING TYPICAL SECTIONS	SHEET	E

2



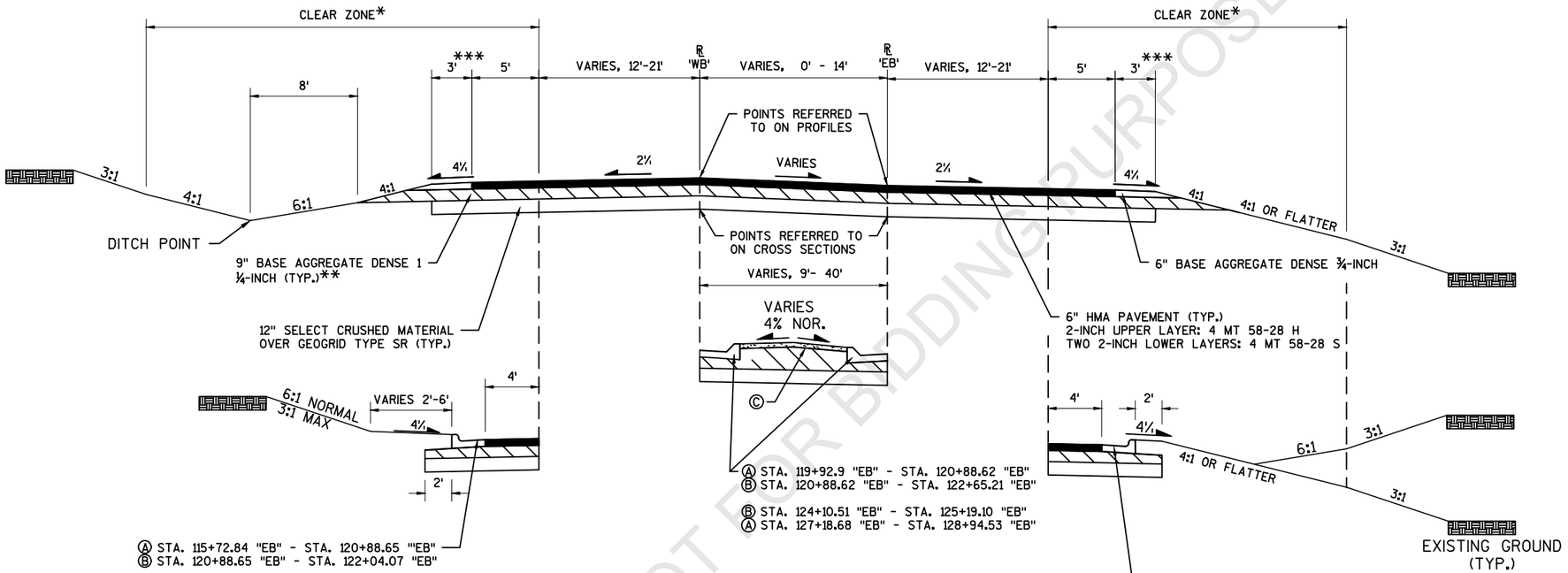
EXISTING TYPICAL SECTION STH 60
STA. 501+00 - 513+00
STA. 123+00 "EB" - 134+50 "EB"



EXISTING TYPICAL SECTION STH 60
STA 117+00 "EB" - 123+00 "EB"

PRELIMINARY AND NOT FOR BIDDING PURPOSES

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	EXISTING TYPICAL SECTIONS	SHEET	E



FINISHED TYPICAL SECTION - USH 51/STH 60

STA. 102+00 "EB" - STA. 134+50 "EB"

LEGEND

Ⓐ CONCRETE CURB & GUTTER 36-INCH, 4-INCH SLOPED, TYPE-D (TYP.)

Ⓑ CONCRETE CURB & GUTTER 30-INCH, TYPE-D (TYP.)

Ⓒ CONCRETE SIDEWALK 4-INCH (TYP.) OVER BASE AGGREGATE DENSE 1 ¼ INCH

** STA. 120+00 "EB" - 127+20 "EB" 12-INCH BASE AGGREGATE DENSE 1 1/4-INCH

*** 1' BAD SHOULDER ON STH 60

SEE CONSTRUCTION DETAILS, MISCELLANEOUS QUANTITIES AND EROSION CONTROL PLAN FOR FINISHING ITEM DETAILS

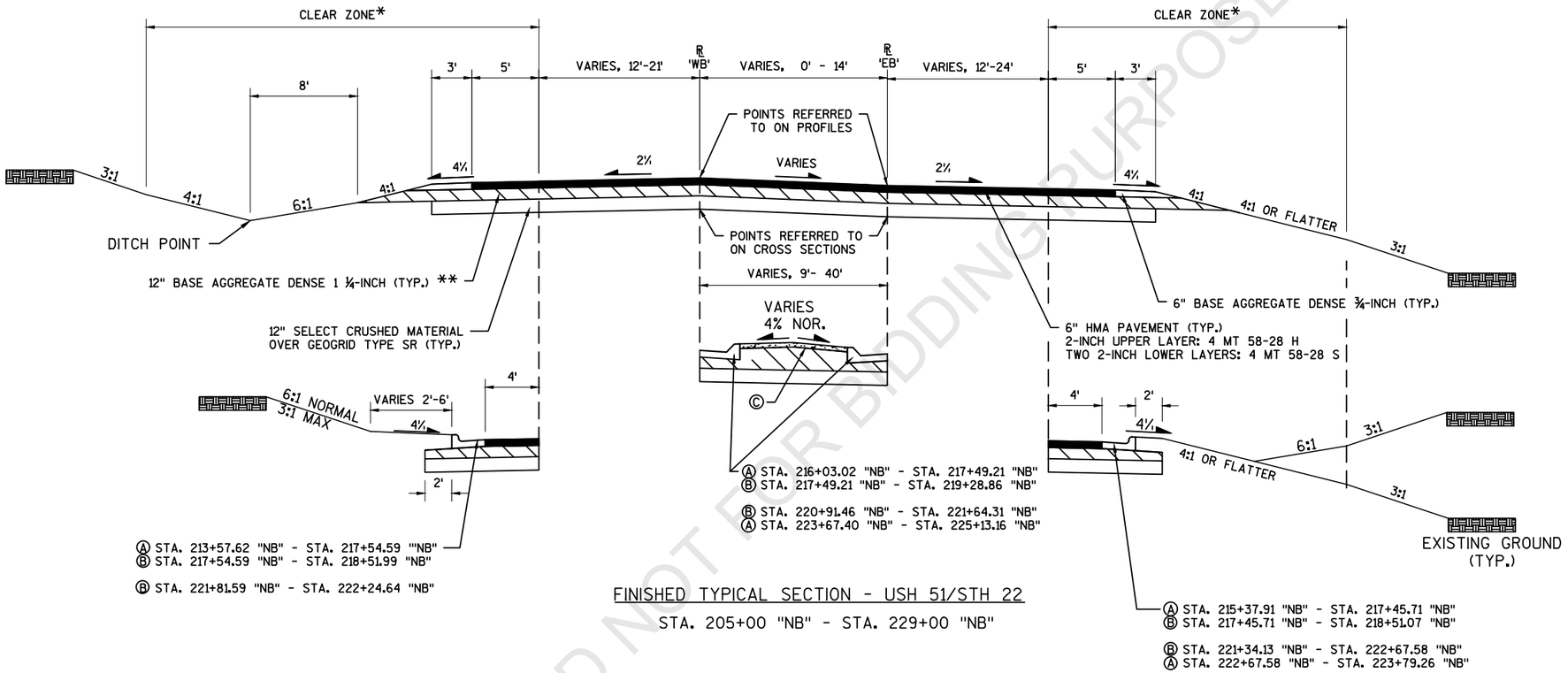
SEE CONSTRUCTION DETAILS, MISCELLANEOUS QUANTITIES AND STORM SEWER DETAILS FOR UNDERDRAIN LOCATIONS

CLEARZONE WIDTH

* 102+00 - 119+25 "EB" - 36'
119+25 - 120+75 "EB" - 24'
120+75 - 125+75 "EB" - 16'
125+75 - 128+00 "EB" - 24'
128+00 - 134+50 "EB" - 36'

PRELIMINARY AND NOT FOR BIDDING PURPOSES

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	PROPOSED TYPICAL SECTIONS	SHEET	E



FINISHED TYPICAL SECTION - USH 51/STH 22

STA. 205+00 "NB" - STA. 229+00 "NB"

LEGEND

Ⓐ CONCRETE CURB & GUTTER 36-INCH, 4-INCH SLOPED, TYPE-D (TYP.)

Ⓑ CONCRETE CURB & GUTTER 30-INCH, TYPE-D (TYP.)

Ⓒ CONCRETE SIDEWALK 4-INCH (TYP.) OVER BASE AGGREGATE DENSE 1 ¼ INCH

** STA. 223+60 "NB" - 229+00 "NB" 9-INCH BASE AGGREGATE DENSE 1 1/4-INCH

SEE CONSTRUCTION DETAILS, MISCELLANEOUS QUANTITIES AND EROSION CONTROL PLAN FOR FINISHING ITEM DETAILS

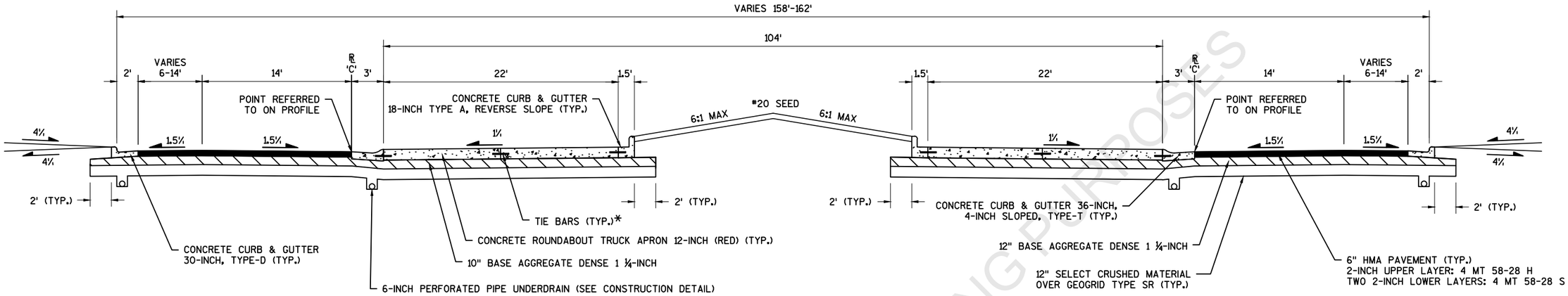
SEE CONSTRUCTION DETAILS, MISCELLANEOUS QUANTITIES AND STORM SEWER DETAILS FOR UNDERDRAIN LOCATIONS

CLEARZONE WIDTH

* 205+00 - 216+00 "NB" - 36'
216+00 - 217+50 "NB" - 24'
217+50 - 222+50 "NB" - 16'
222+50 - 225+00 "NB" - 24'
225+00 - 229+00 "NB" - 36'

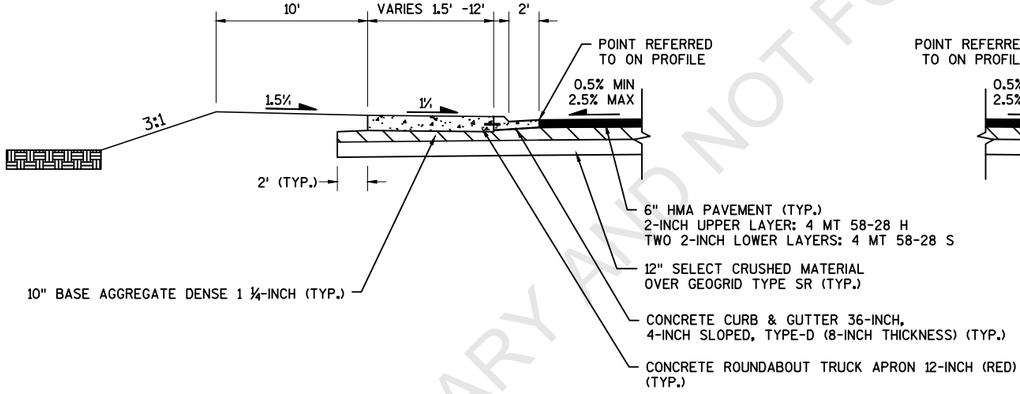
PRELIMINARY AND NOT FOR BIDDING PURPOSES

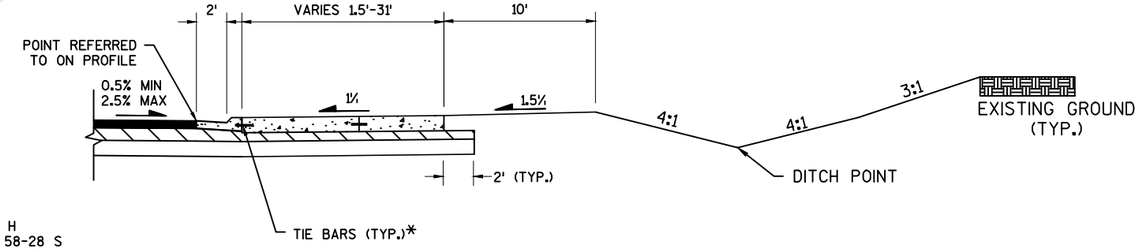
PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	PROPOSED TYPICAL SECTIONS	SHEET	E



FINISHED TYPICAL SECTION - ROUNDABOUT
STA. 20+00 'C' - STA. 23+54.61 'C'

*NO.4, 2' TIE BARS SPACED 3' C-C
INCIDENTAL TO CONCRETE ROUNDABOUT TRUCK APRON





SEE CONSTRUCTION DETAILS, MISCELLANEOUS QUANTITIES AND EROSION CONTROL PLAN FOR FINISHING ITEM DETAILS

SEE CONSTRUCTION DETAILS, MISCELLANEOUS QUANTITIES AND STORM SEWER DETAILS FOR UNDERDRAIN LOCATIONS

FINISHED TYPICAL SECTION - TRUCK APRON

STA. 31+25 "NW" - STA. 32+50 "NW"
STA. 41+00 "NE" - STA. 42+25 "NE"
STA. 50+00 "SW" - STA. 51+81.82 "SW"
STA. 66+25 "SE" - STA. 67+85 "SE"

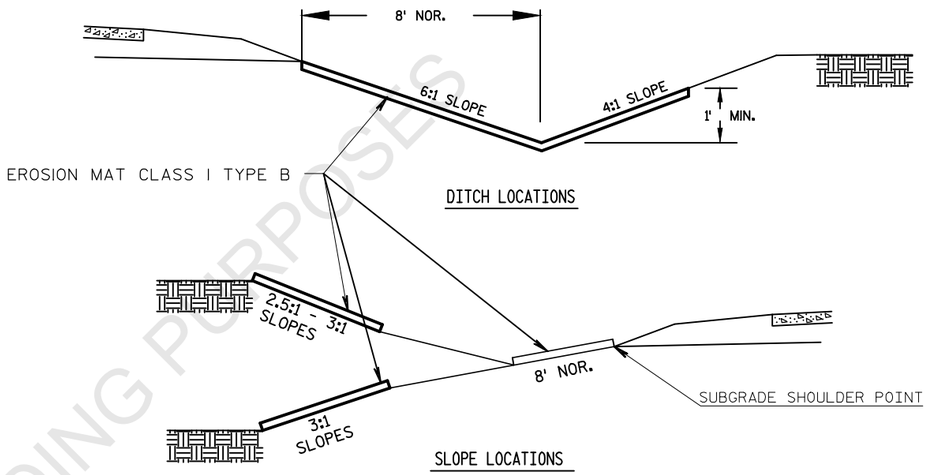
PRELIMINARY AND NOT FOR BIDDING PURPOSES

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	PROPOSED TYPICAL SECTIONS	SHEET	E

RUNOFF COEFFICIENT TABLE

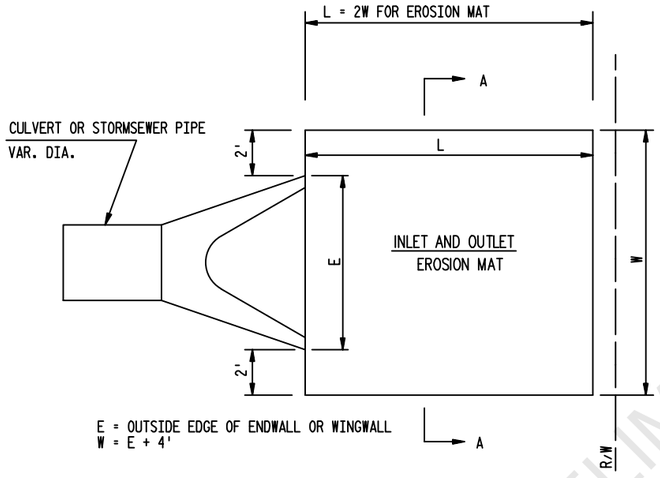
	HYDROLOGIC SOIL GROUP											
	A			B			C			D		
	SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)		
LAND USE:	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER
ROW CROPS	.08 .22	.16 .30	.22 .38	.12 .26	.20 .34	.27 .44	.15 .30	.24 .37	.33 .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 PROJECT AREA =23 ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES =17.5 ACRES



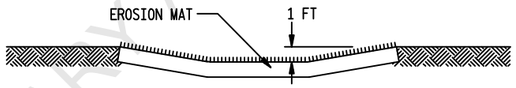
DETAIL FOR EROSION MAT PLACEMENT

LOCATIONS SHOWN ON EROSION CONTROL PLAN



DETAIL FOR EROSION CONTROL AT CULVERT OR STORMSEWER PIPE ENDS

SEE EROSION CONTROL PLAN SHEETS FOR LOCATIONS



INLET AND OUTLET SECTION A-A

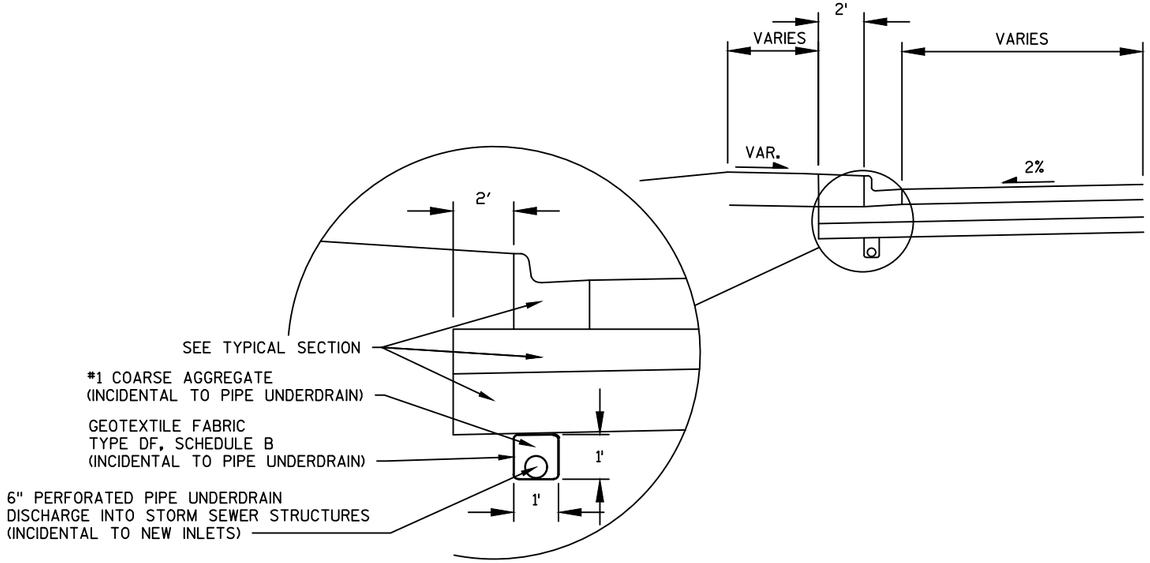
EROSION MAT

ESTIMATED BAG SIZE = 18" X 12" X 6"	
PIPE SIZE	ESTIMATED NO. OF BAGS
12"	1
15"	2
18"	2
21"	3
14" X 23"	3
24"	3
27"	4
30"	5
19" X 30"	5
36"	7
24" X 38"	8
42"	8
29" X 45"	10
48"	10
34" X 53"	10
38" X 60"	13
60"	13
66"	15
53" X 83"	19

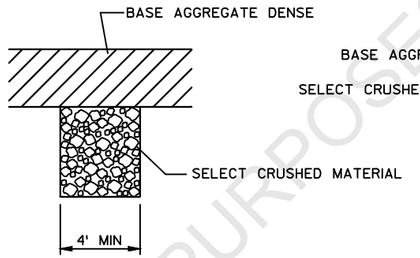
DETAIL FOR CULVERT PIPE CHECKS

(INSTALL ON INLET END ONLY)

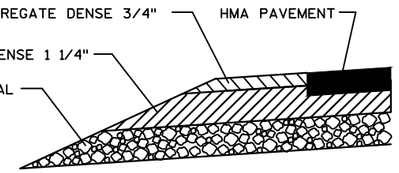
PRELIMINARY AND NOT FOR BIDDING PURPOSES



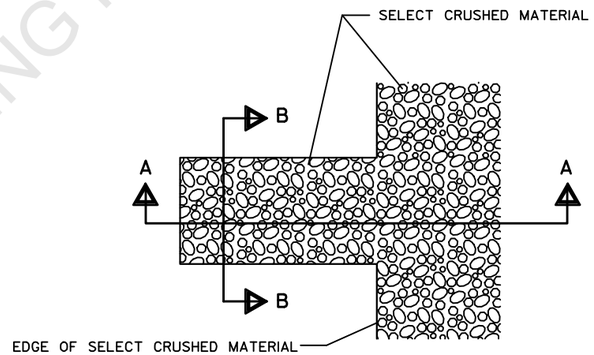
DETAIL FOR 6" PERFORATED PIPE UNDERDRAIN



SECTION B-B

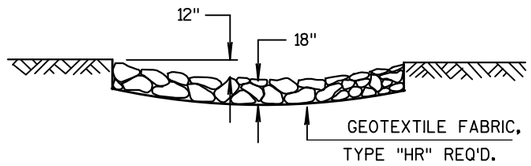


SECTION A-A



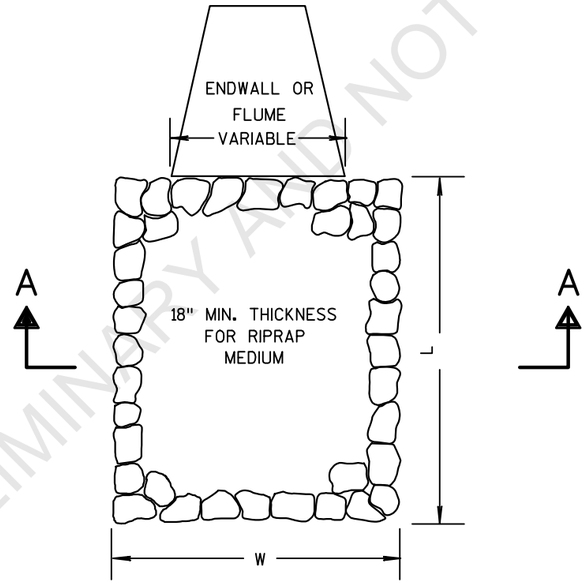
DETAIL FOR FRENCH DRAINS

DRAINS ARE TO BE CONSTRUCTED AT LEAST EVERY 250'
AND AT EACH SAG VERTICLE CURVE IN THE PROFILE
OR AS DIRECTED BY THE ENGINEER.

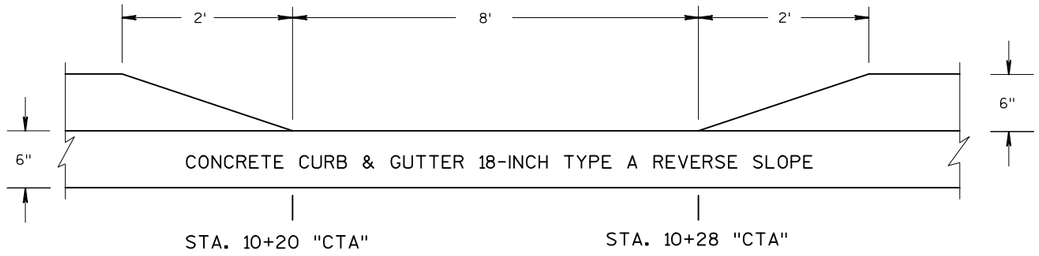


SECTION A-A

LENGTH	WIDTH	LOCATION
25'	10'	115+30 "EB", 25' RT
25'	8'	115+50 "EB", 40' LT
5'	10'	121+50 "EB", 50' LT
25'	8'	129+50 "EB", 45' LT
25'	10'	223+25 "NB", 40' LT
25'	10'	223+90 "NB", 30' RT

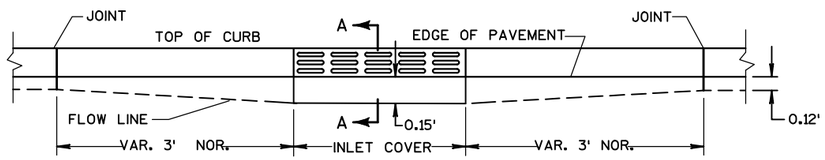


DETAIL FOR RIPRAP MEDIUM TREATMENT AT ENDWALLS/FLUMES

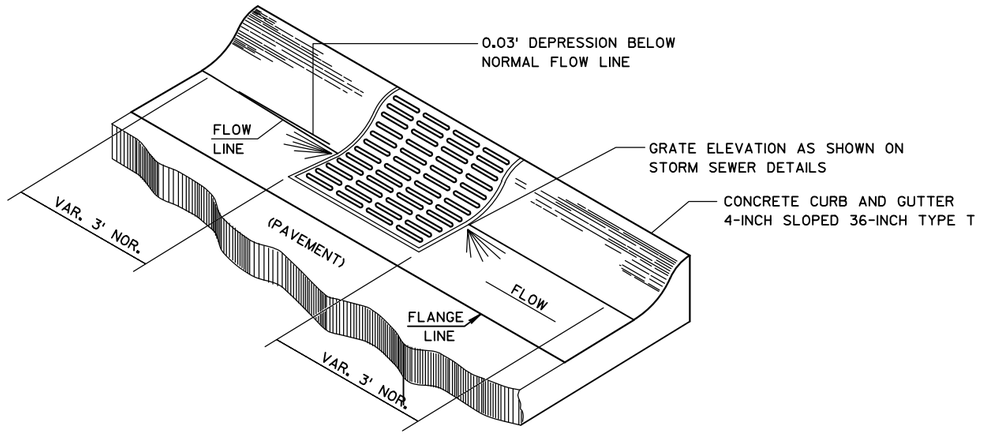


DETAIL FOR CURB HEAD DEPRESSION
FOR ROUNDABOUT ISLAND MAINTENANCE

PRELIMINARY AND NOT FOR BIDDING PURPOSES

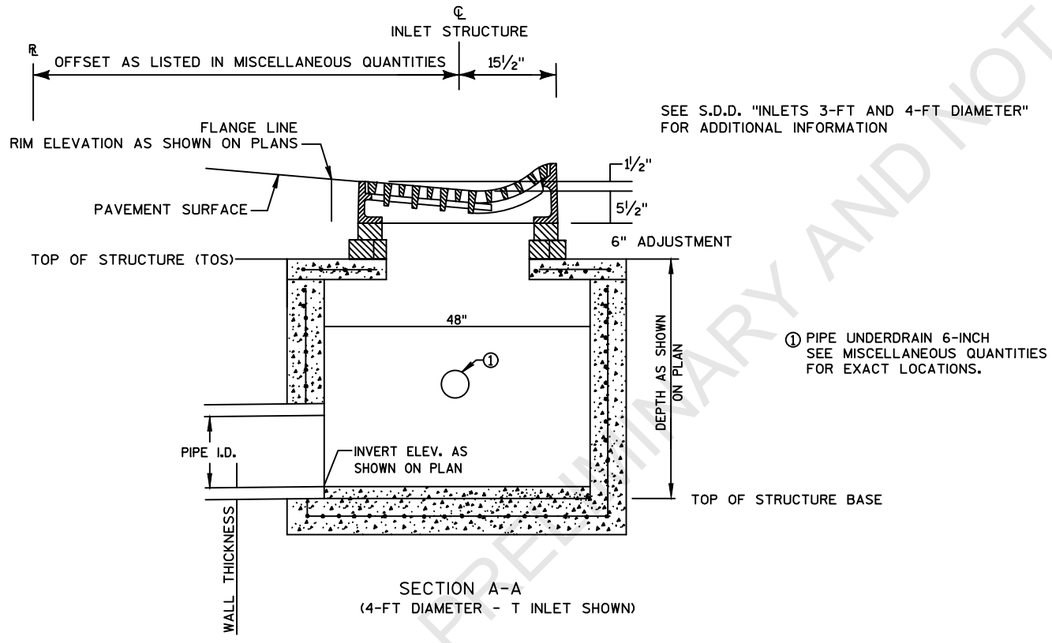


ELEVATION



DETAIL FOR CURB AND GUTTER AT INLETS

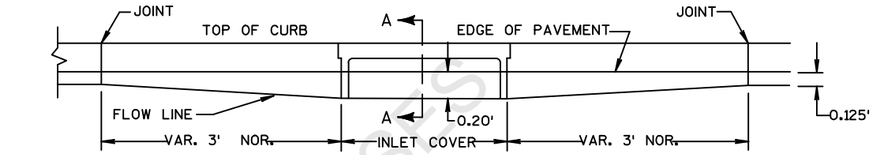
(2x3-FT - T INLET SHOWN)



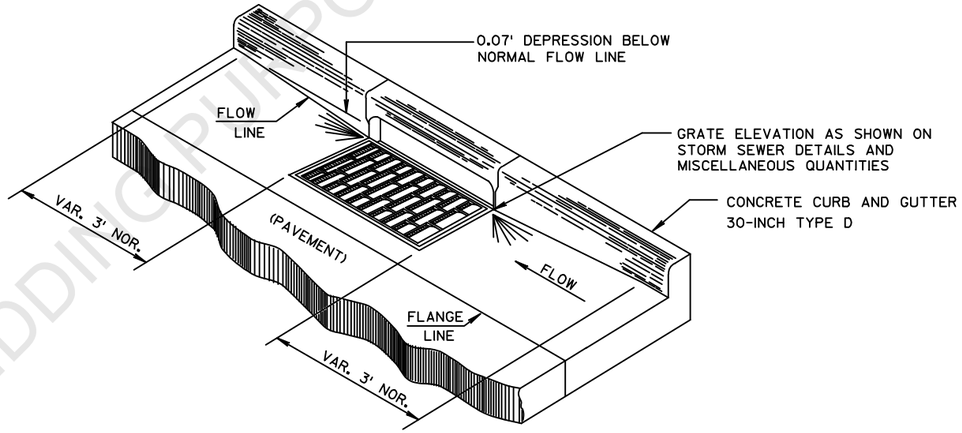
SECTION A-A

(4-FT DIAMETER - T INLET SHOWN)

DETAIL FOR CONCRETE CURB AND GUTTER 36-INCH TYPE T AT INLETS

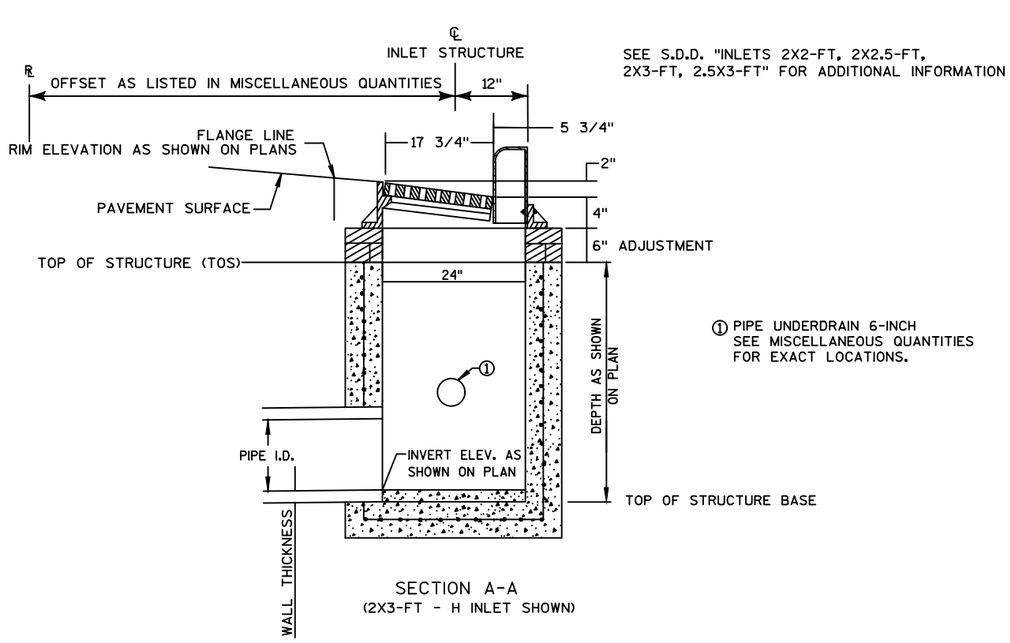


ELEVATION



DETAIL FOR CURB AND GUTTER AT INLETS

(2x3-FT - H INLET SHOWN)



SECTION A-A

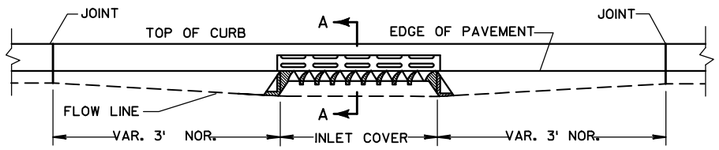
(2X3-FT - H INLET SHOWN)

DETAIL FOR CONCRETE CURB AND GUTTER 30-INCH TYPE D AT INLETS

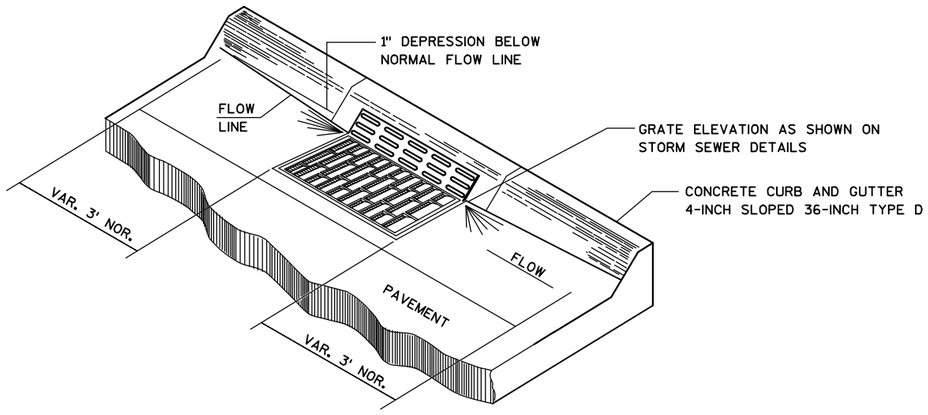
PRELIMINARY AND NOT FOR BIDDING PURPOSES

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CONSTRUCTION DETAILS	SHEET _____	E

FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\021001_CD.DWG
LAYOUT NAME - 021001_CD - 021001D_CD
PLOT DATE : 6/7/2021 11:24 AM PLOT BY : PAYNE, GREGORY A PLOT NAME : _____ PLOT SCALE : 1 IN:10 FT

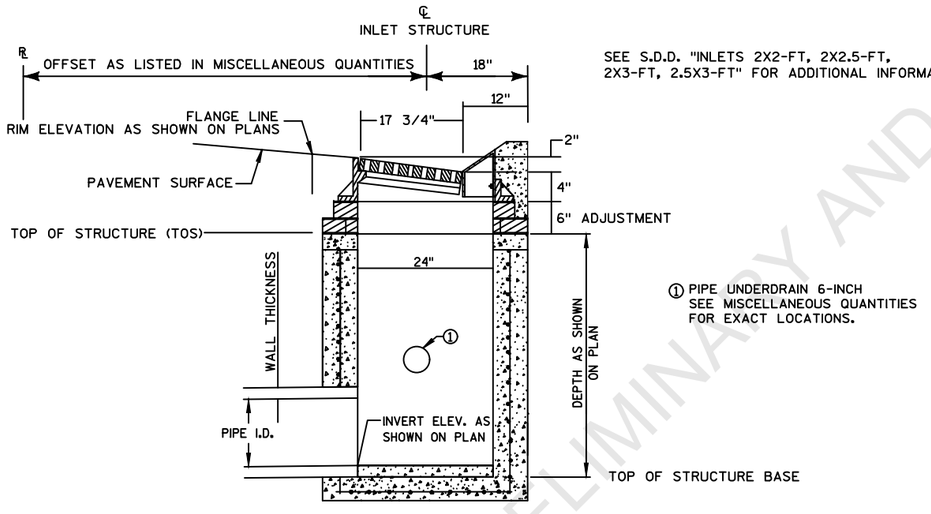


ELEVATION



DETAIL FOR CURB AND GUTTER AT INLETS

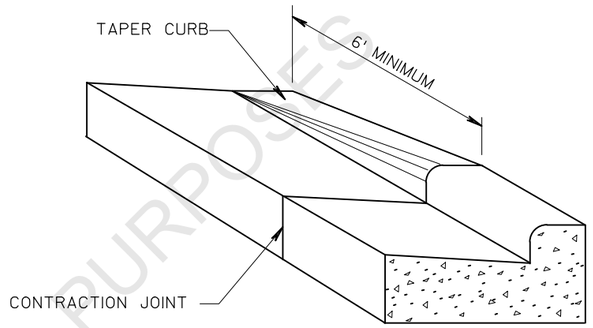
(2x3-FT - HM INLET SHOWN)



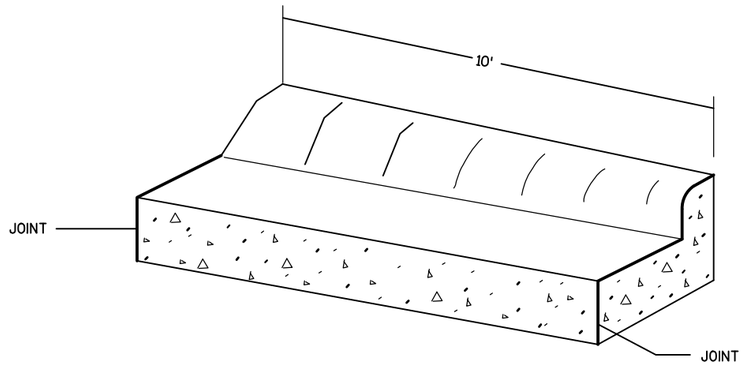
SECTION A-A

(2X3-FT - HM INLET SHOWN)

DETAIL FOR CONCRETE CURB AND GUTTER 4-INCH SLOPED 36-INCH TYPE D AT INLETS



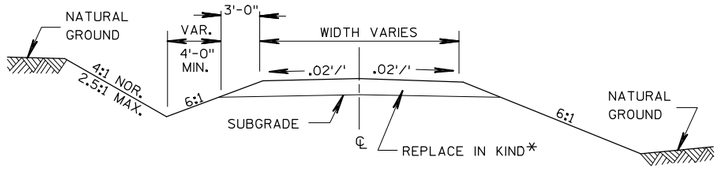
DETAIL FOR CURB & GUTTER TERMINI



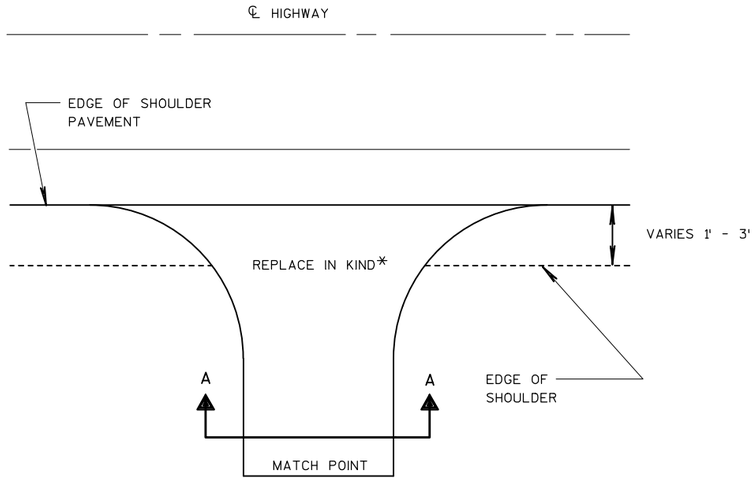
DETAIL FOR TYPE D TRANSITION

CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D TO
CONCRETE CURB & GUTTER 30-INCH TYPE D (TO BE MEASURED AND PAID
FOR AS CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D)

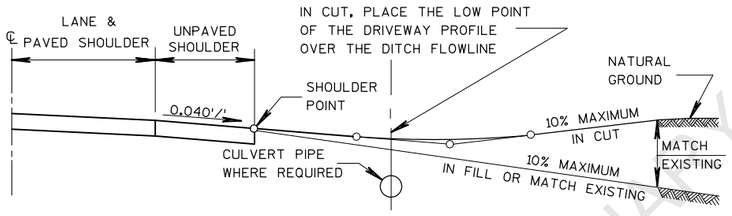
PRELIMINARY AND NOT FOR BIDDING PURPOSES



SECTION A-A



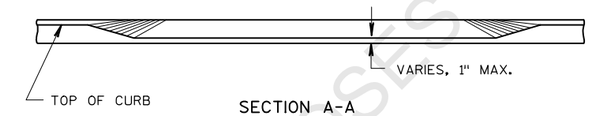
PLAN



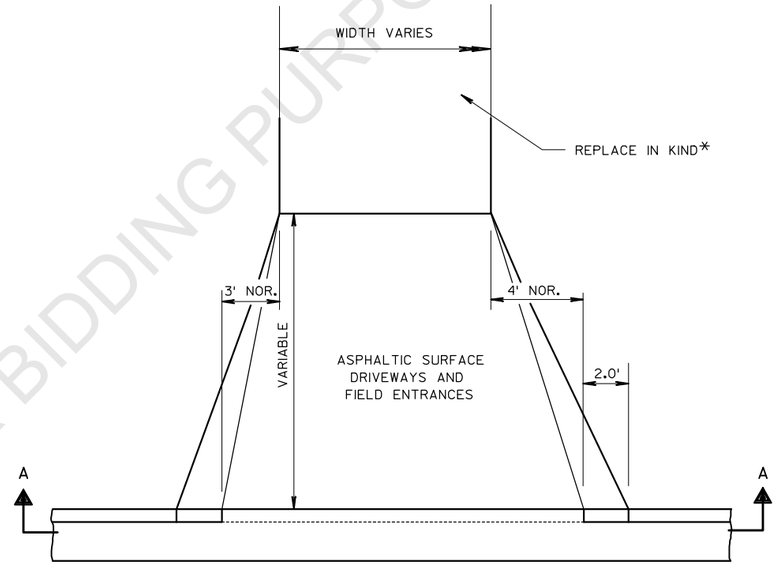
PROFILE

*6" BASE AGGREGATE DENSE 3/4-INCH MATERIAL OR
3" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
OVER 6" 1 1/4-INCH BASE AGGREGATE DENSE MATERIAL
FOR DRIVEWAY AT STA. 117+25 LT USE 16" BASE AGGREGATE DENSE MATERIAL

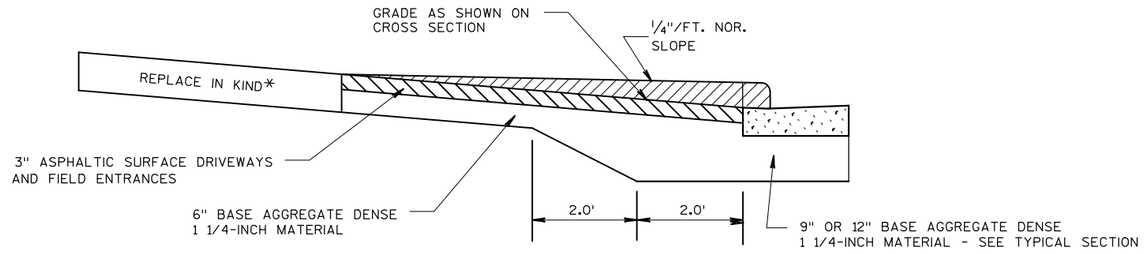
DETAIL FOR RURAL DRIVEWAY



SECTION A-A



PLAN

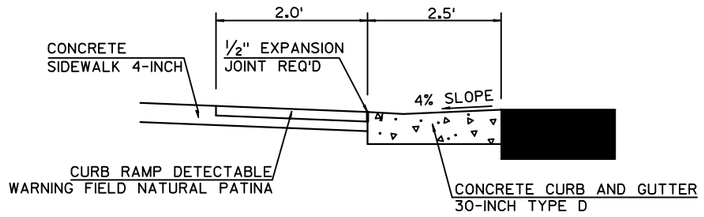


*6" BASE AGGREGATE DENSE 3/4-INCH MATERIAL OR
3" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
OVER 6-INCHES 1 1/4-INCH BASE AGGREGATE DENSE MATERIAL

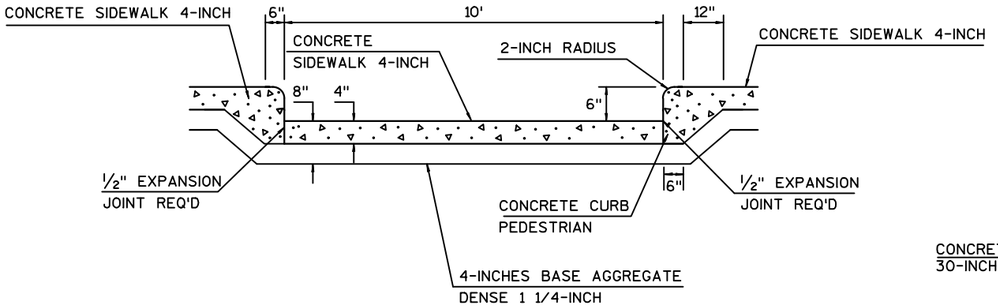
PROFILE

DETAIL FOR URBAN DRIVEWAY

PRELIMINARY AND NOT FOR BIDDING PURPOSES

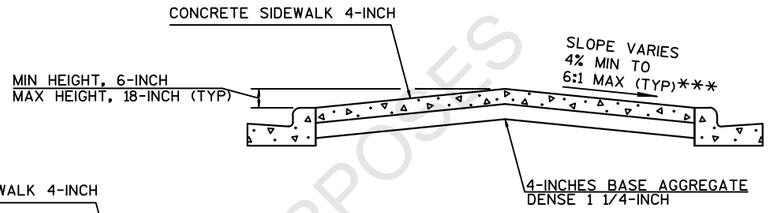


SECTION A-A

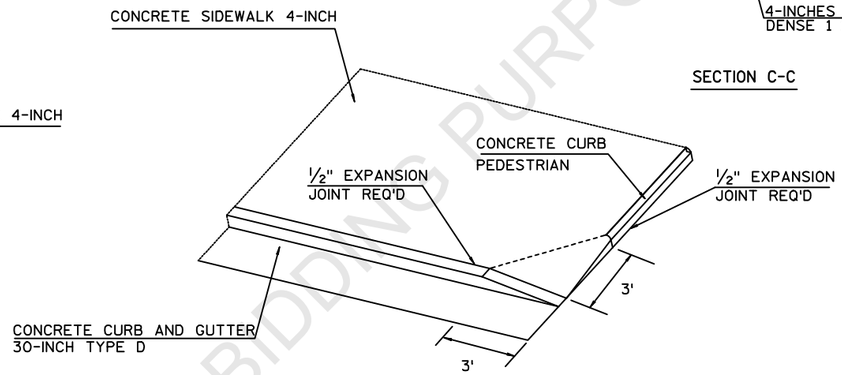


SECTION B-B

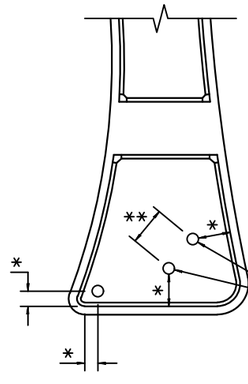
*** SEE CROSS SECTIONS



SECTION C-C



DETAIL A - TRANSITION NOSE TYPICAL
AT 4 CROSSWALK CORNERS

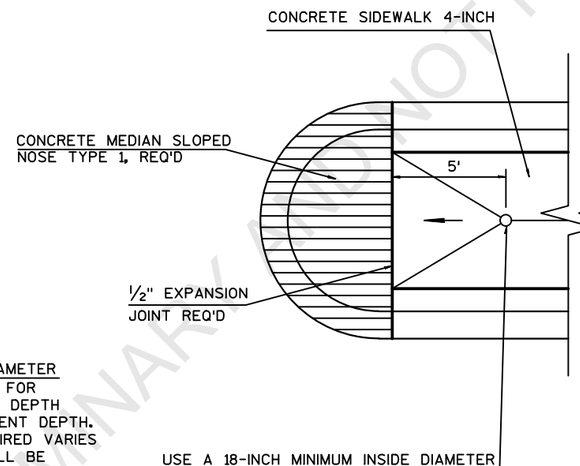


* DISTANCE TO BE LAID OUT IN THE FIELD BASED ON SIGN SIZE. TWO FOOT MINIMUM CLEARANCE BETWEEN THE EDGE OF SIGN AND THE FACE OF CURB.

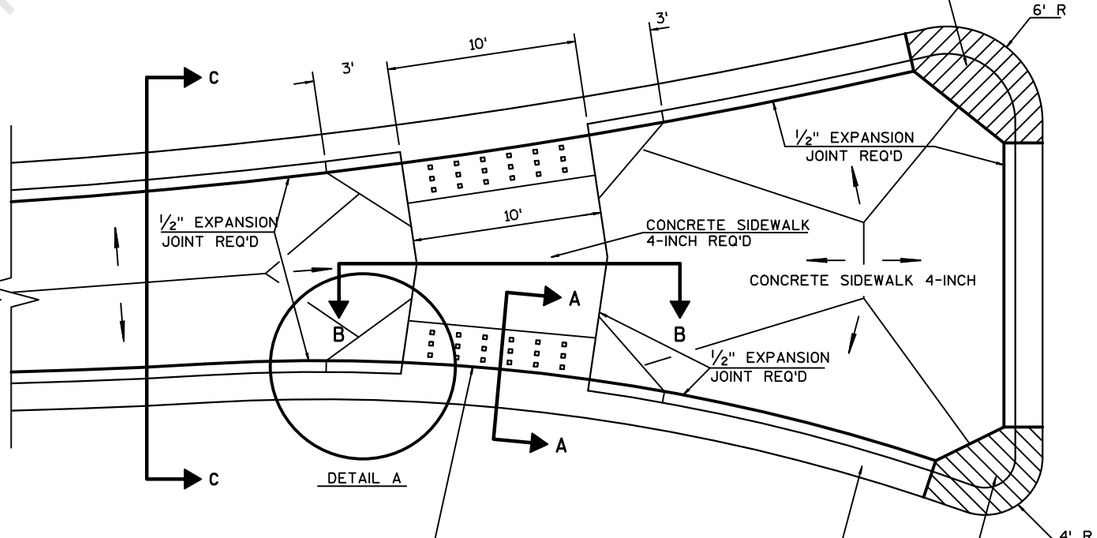
** SEE A4-4 SIGN PLATE FOR POST SPACING REQUIREMENTS.

USE A 18-INCH MINIMUM INSIDE DIAMETER PVC PIPE BOX OUT IN CONCRETE FOR SIGN POST (TYP). PVC BOX OUT DEPTH SHOULD MATCH ADJACENT PAVEMENT DEPTH. THE NUMBER OF BOX OUTS REQUIRED VARIES BY WIDTH OF THE SIGN AND SHALL BE VERIFIED BEFORE PLACING THE CONCRETE IN THE ISLAND. GRAVEL BACKFILL IS INCIDENTAL TO POSTS WOOD BID ITEM.

CENTER AND SPLITTER ISLAND SIGN LOCATION DETAIL (TYP)



USE A 18-INCH MINIMUM INSIDE DIAMETER PVC PIPE BOX OUT IN CONCRETE FOR SIGN POST (TYP). THE NUMBER OF BOX OUTS REQUIRED VARIES BY WIDTH OF THE SIGN AND SHALL BE VERIFIED BEFORE PLACING THE CONCRETE IN THE ISLAND.

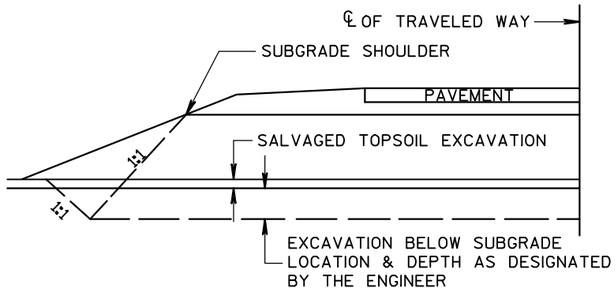


INSTALL TRANSITION NOSE. (INCIDENTAL TO OTHER PAY ITEMS.) DO NOT MARK TRANSITION NOSE.

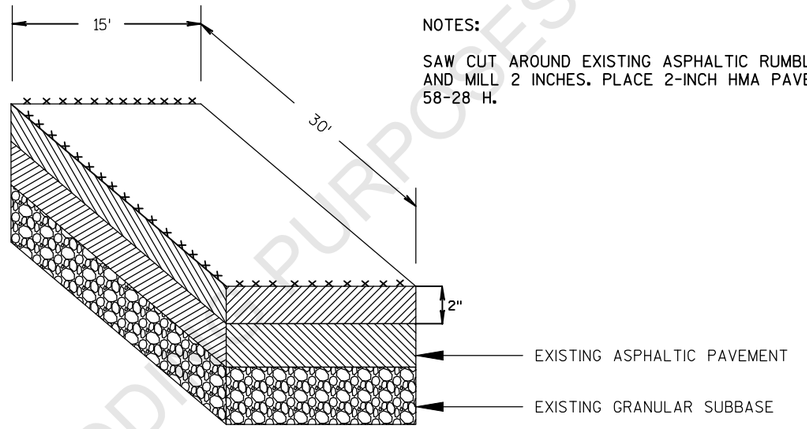
SPLITTER ISLAND DETAIL

SEE CURB RAMP DETAILS FOR ADDITIONAL LAYOUT INFORMATION

PRELIMINARY - NOT FOR BIDDING PURPOSES



DETAIL FOR EXCAVATION BELOW SUBGRADE



NOTES:

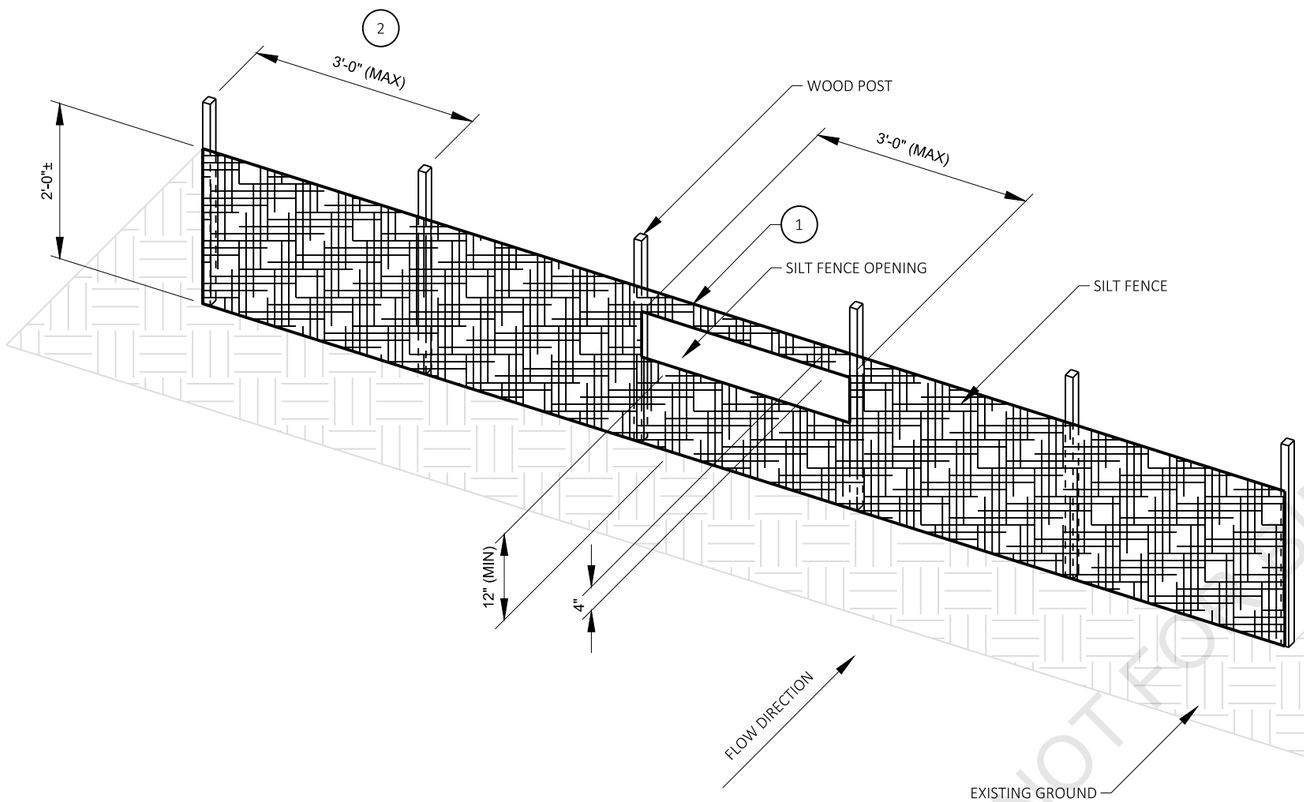
SAW CUT AROUND EXISTING ASPHALTIC RUMBLE STRIPS AND MILL 2 INCHES. PLACE 2-INCH HMA PAVEMENT 4 MT 58-28 H.

DETAIL FOR ASPHALTIC PAVEMENT RUMBLE STRIP REPLACEMENT

LOCATIONS:

STH 60 WB LANE
APPROXIMATELY STA. 136+50

PRELIMINARY AND NOT FOR BIDDING PURPOSES



GENERAL NOTES

THE SILT FENCE RELIEF DETAIL IS A SUPPLEMENTAL DETAIL TO THE SILT FENCE STANDARD DETAILS AND SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

INSTALL SILT FENCE PRIOR TO CONSTRUCTING THE SILT FENCE OPENING. PRIOR TO CONSTRUCTING THE SILT FENCE OPENING, PLACE ROCK BAGS AT THE SILT FENCE OPENING AS SHOWN IN THIS DETAIL.

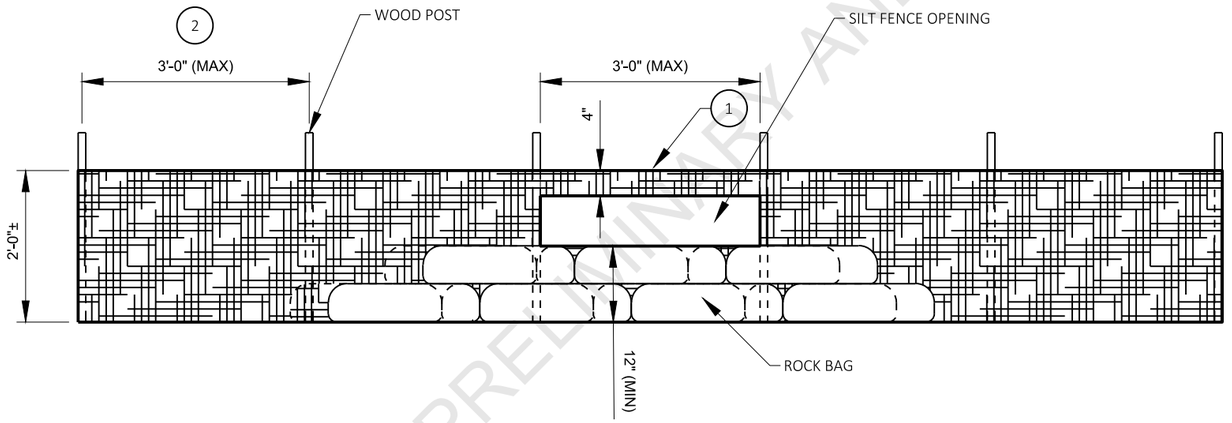
CONSTRUCTION OF THE SILT FENCE OPENING SHALL BE INCIDENTAL TO THE COST OF THE SILT FENCE BID ITEM.

PROVIDE A MINIMUM OF 22 ROCK BAGS MINIMUM PER 3 FOOT OPENING. ROCK BAGS SHALL BE PAID UNDER THE ROCK BAGS BID ITEM.

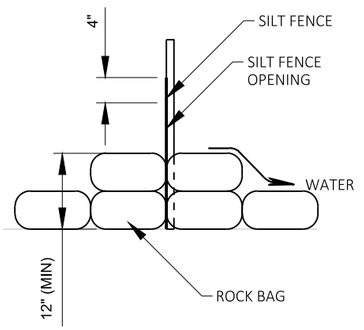
THE CONTRACTOR SHALL ADJUST THE SILT FENCE RELIEF OPENINGS WITHIN THE SILT FENCE AS NECESSARY TO PROVIDE RELIEF: AS SHOWN ON THE PLANS, TO FIT FIELD CONDITIONS AND AS DIRECTED BY THE FIELD ENGINEER.

(1) DO NOT CUT THE SUPPORT CORD OR TENSION TAPE WHEN CONSTRUCTING THE SILT FENCE OPENING. KEEP THE TOP OF THE SILT FENCE OPENING 1"± BELOW THE 3" FOLD AT THE SUPPORT CORD OR TENSION TAPE.

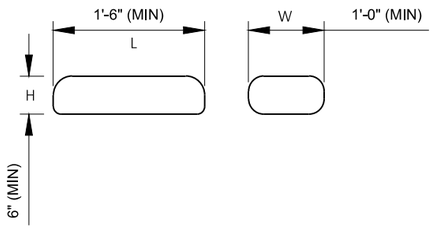
(2) REFER TO THE SILT FENCE STANDARD DETAILS FOR ALLOWABLE ADJUSTMENTS TO POST SPACING.



SECTION VIEW



ROCK BAG DETAIL



SILT FENCE RELIEF DETAIL

PRELIMINARY AND NOT FOR BIDDING PURPOSES

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CONSTRUCTION DETAILS	SHEET	E

FILE NAME : N:\PDS\C3D\60200000\SHEETSPLAN\021001_CD SILT FENCE RELIEF.DWG
LAYOUT NAME - Plan 1 IN 20 FT
PLOT DATE : 8/26/2019 2:36 PM
PLOT BY : PAYNE, GREGORY A
PLOT NAME :
PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 42

2

2

50-FT ASPHALTIC SURFACE
TEMPORARY WEDGE

213+00"NB"

212+00"NB"

211+00"NB"

212+20 "NB" 17' LT

212+85 "NB" 17' LT

212+45 "NB" 29' LT

211+92 "NB" 35' LT

PLACE TWO LOWER LAYERS OF HMA

FINAL LIFT OF HMA

212+11 "NB" 46' LT

4" ASPHALTIC SURFACE TEMPORARY
4" BASE AGGREGATE DENSE, 1 1/4-INCH
12" SELECT CRUSHED MATERIAL

639+00

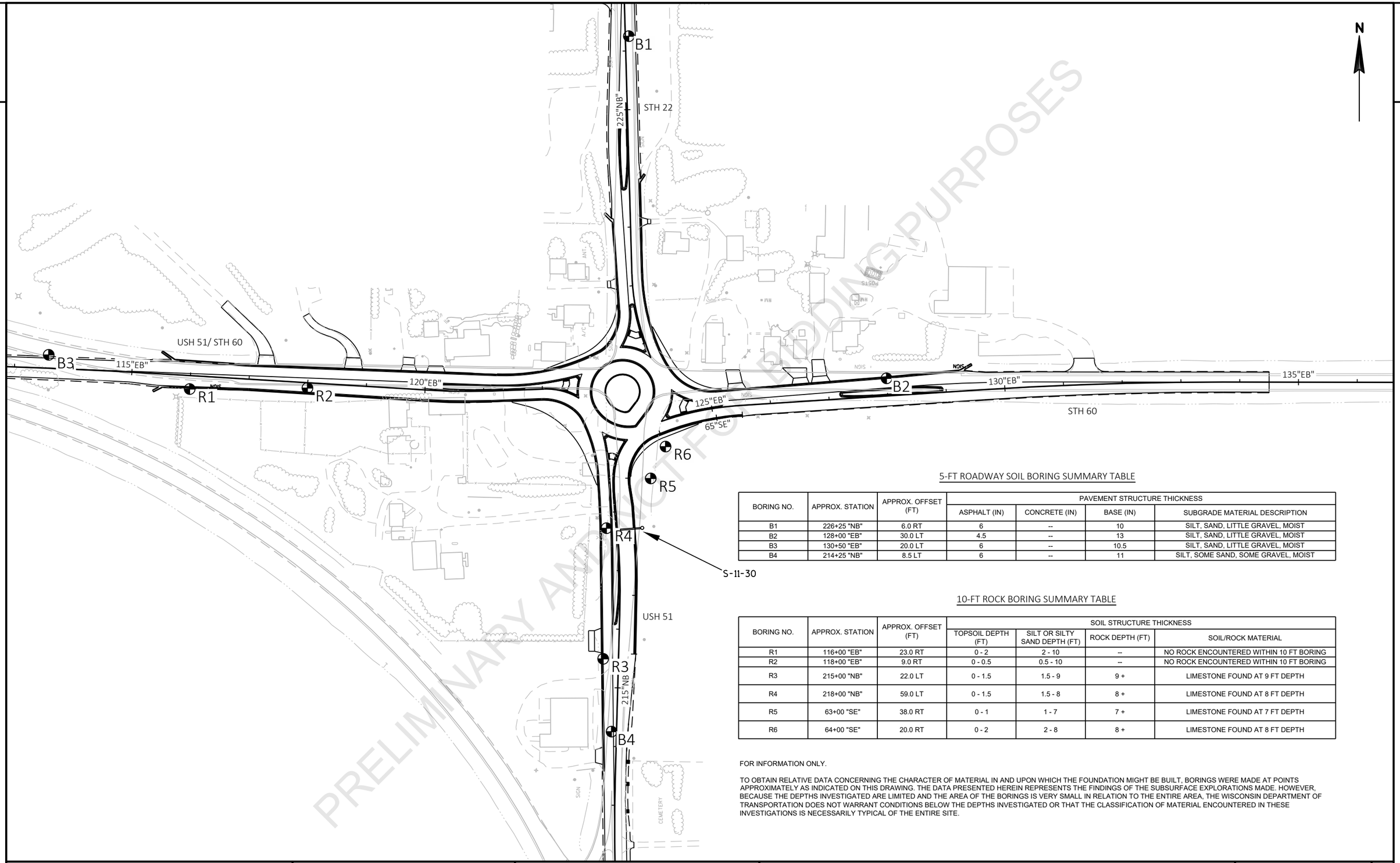
638+00

N

PRELIMINARY AND NOT FOR BIDDING PURPOSES

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CONSTRUCTION DETAILS	SHEET	E

FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\021001_CD TEMPORARY ASPHALT.DWG
LAYOUT NAME - Plan 1 IN 20 FT
PLOT DATE : 6/7/2021 11:33 AM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 42



PRELIMINARY AND NOT FOR BIDDING PURPOSES

5-FT ROADWAY SOIL BORING SUMMARY TABLE

BORING NO.	APPROX. STATION	APPROX. OFFSET (FT)	PAVEMENT STRUCTURE THICKNESS			
			ASPHALT (IN)	CONCRETE (IN)	BASE (IN)	SUBGRADE MATERIAL DESCRIPTION
B1	226+25 "NB"	6.0 RT	6	--	10	SILT, SAND, LITTLE GRAVEL, MOIST
B2	128+00 "EB"	30.0 LT	4.5	--	13	SILT, SAND, LITTLE GRAVEL, MOIST
B3	130+50 "EB"	20.0 LT	6	--	10.5	SILT, SAND, LITTLE GRAVEL, MOIST
B4	214+25 "NB"	8.5 LT	6	--	11	SILT, SOME SAND, SOME GRAVEL, MOIST

10-FT ROCK BORING SUMMARY TABLE

BORING NO.	APPROX. STATION	APPROX. OFFSET (FT)	SOIL STRUCTURE THICKNESS			
			TOPSOIL DEPTH (FT)	SILT OR SILTY SAND DEPTH (FT)	ROCK DEPTH (FT)	SOIL/ROCK MATERIAL
R1	116+00 "EB"	23.0 RT	0 - 2	2 - 10	--	NO ROCK ENCOUNTERED WITHIN 10 FT BORING
R2	118+00 "EB"	9.0 RT	0 - 0.5	0.5 - 10	--	NO ROCK ENCOUNTERED WITHIN 10 FT BORING
R3	215+00 "NB"	22.0 LT	0 - 1.5	1.5 - 9	9 +	LIMESTONE FOUND AT 9 FT DEPTH
R4	218+00 "NB"	59.0 LT	0 - 1.5	1.5 - 8	8 +	LIMESTONE FOUND AT 8 FT DEPTH
R5	63+00 "SE"	38.0 RT	0 - 1	1 - 7	7 +	LIMESTONE FOUND AT 7 FT DEPTH
R6	64+00 "SE"	20.0 RT	0 - 2	2 - 8	8 +	LIMESTONE FOUND AT 8 FT DEPTH

FOR INFORMATION ONLY.

TO OBTAIN RELATIVE DATA CONCERNING THE CHARACTER OF MATERIAL IN AND UPON WHICH THE FOUNDATION MIGHT BE BUILT, BORINGS WERE MADE AT POINTS APPROXIMATELY AS INDICATED ON THIS DRAWING. THE DATA PRESENTED HEREIN REPRESENTS THE FINDINGS OF THE SUBSURFACE EXPLORATIONS MADE. HOWEVER, BECAUSE THE DEPTHS INVESTIGATED ARE LIMITED AND THE AREA OF THE BORINGS IS VERY SMALL IN RELATION TO THE ENTIRE AREA, THE WISCONSIN DEPARTMENT OF TRANSPORTATION DOES NOT WARRANT CONDITIONS BELOW THE DEPTHS INVESTIGATED OR THAT THE CLASSIFICATION OF MATERIAL ENCOUNTERED IN THESE INVESTIGATIONS IS NECESSARILY TYPICAL OF THE ENTIRE SITE.

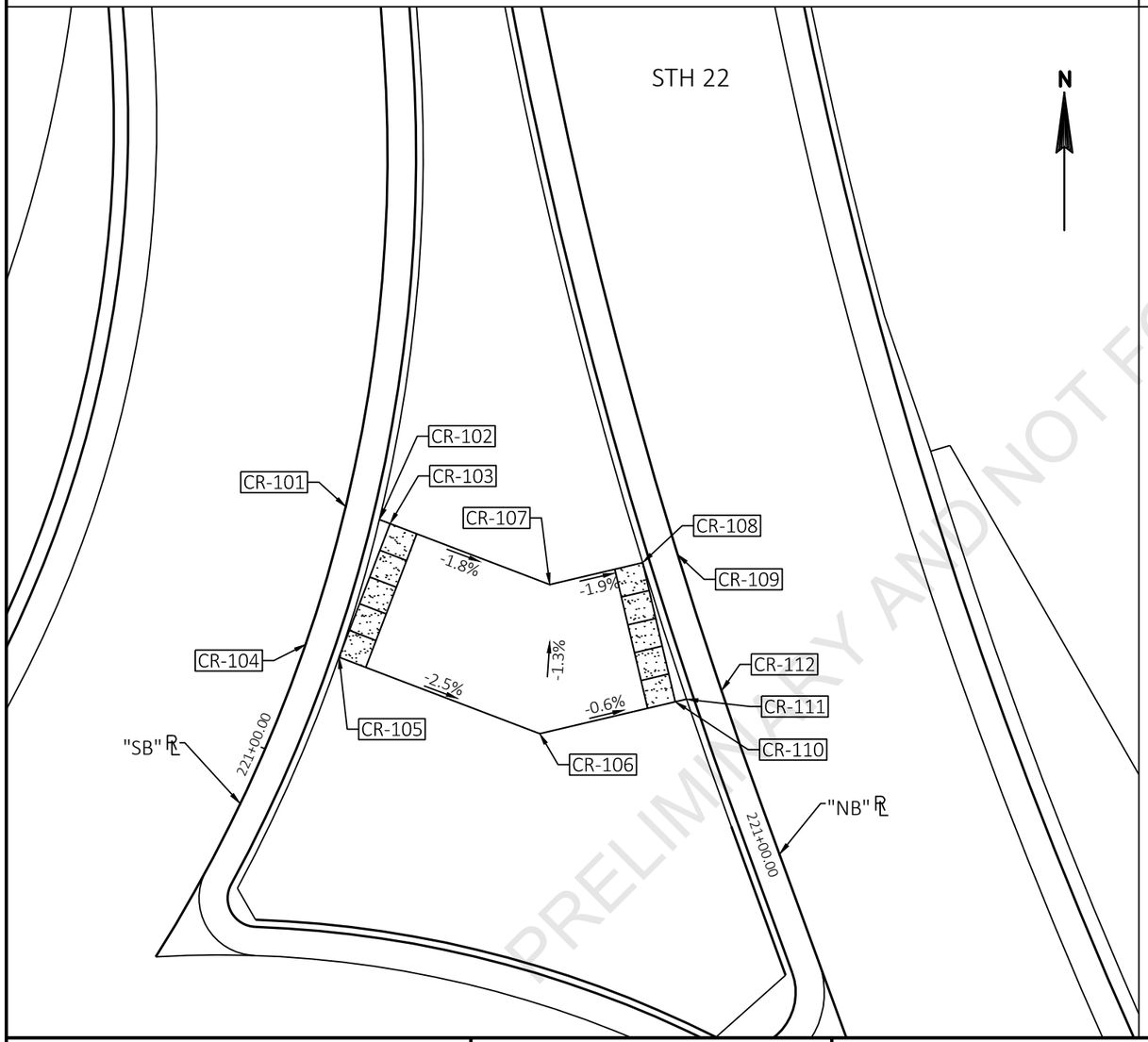
PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	SUBSURFACE EXPLORATION	SHEET	E

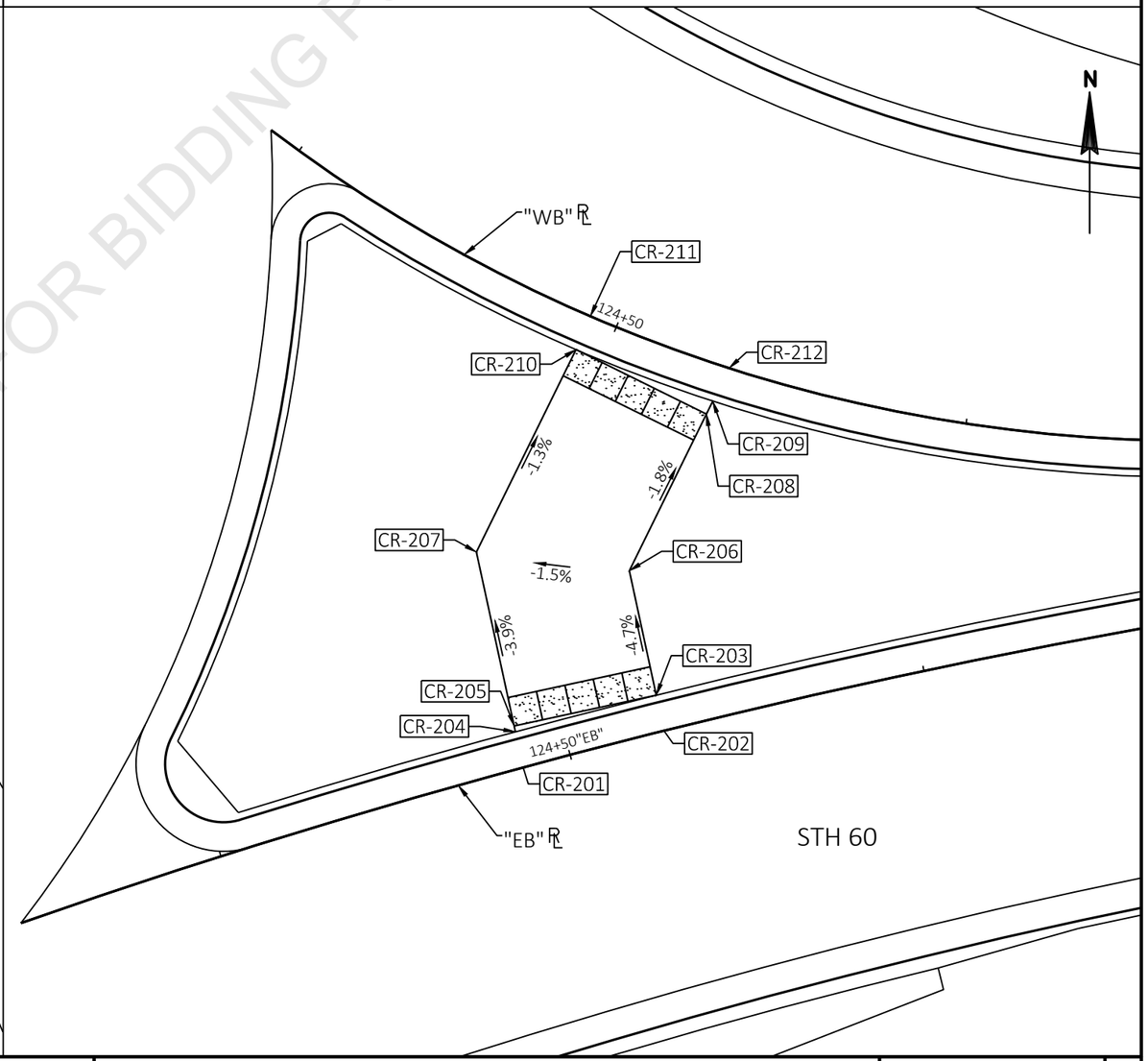
CR-101 POINTS					
POINT	STATION	OFFSET	ELEVATION	NORTHING	EASTING
101	221+17.88 "SB"	0.00'	1074.18	318582.67	573396.37
102	221+17.57 "SB"	2.50' RT	1074.23	318581.77	573398.73
103	221+17.47 "SB"	3.28' RT	1074.22	318581.49	573399.46
104	221+07.84 "SB"	0.00'	1074.49	318573.04	573393.56
105	221+07.76 "SB"	2.50' RT	1074.53	318572.14	573395.90
106	221+12.29 "NB"	13.00' LT	1074.15	318566.79	573409.94

CR-101 POINTS					
POINT	STATION	OFFSET	ELEVATION	NORTHING	EASTING
107	221+21.74 "NB"	9.16' LT	1074.01	318577.22	573410.64
108	221+21.31 "NB"	2.50' LT	1073.88	318578.75	573417.13
109	221+21.14 "NB"	0.00'	1073.94	318579.33	573419.57
110	221+11.42 "NB"	3.30' LT	1074.09	318569.02	573419.43
111	221+11.34 "NB"	2.50' LT	1074.09	318569.20	573420.20
112	221+11.11 "NB"	0.00'	1074.17	318569.78	573422.65

CR-201 POINTS					
POINT	STATION	OFFSET	ELEVATION	NORTHING	EASTING
201	124+46.66 "EB"	0.00'	1075.91	318436.31	573487.72
202	124+56.67 "EB"	0.00'	1075.98	318438.83	573497.40
203	124+56.75 "EB"	2.50' LT	1076.02	318441.27	573496.87
204	124+46.79 "EB"	2.50' LT	1075.95	318438.76	573487.18
205	124+46.81 "EB"	2.90' LT	1075.94	318439.15	573487.10
206	124+57.00 "EB"	11.25' LT	1075.61	318449.82	573495.01

CR-201 POINTS					
POINT	STATION	OFFSET	ELEVATION	NORTHING	EASTING
207	124+47.40 "EB"	15.13' LT	1075.45	318451.11	573484.50
208	124+57.75 "WB"	3.47' RT	1075.40	318460.59	573500.32
209	124+57.88 "WB"	2.50' RT	1075.38	318461.47	573500.75
210	124+48.07 "WB"	2.50' RT	1075.25	318465.01	573491.35
211	124+48.07 "WB"	0.00'	1075.33	318467.31	573492.33
212	124+58.25 "WB"	0.00'	1075.46	318463.74	573501.87





PRELIMINARY AND NOT FOR BIDDING PURPOSES

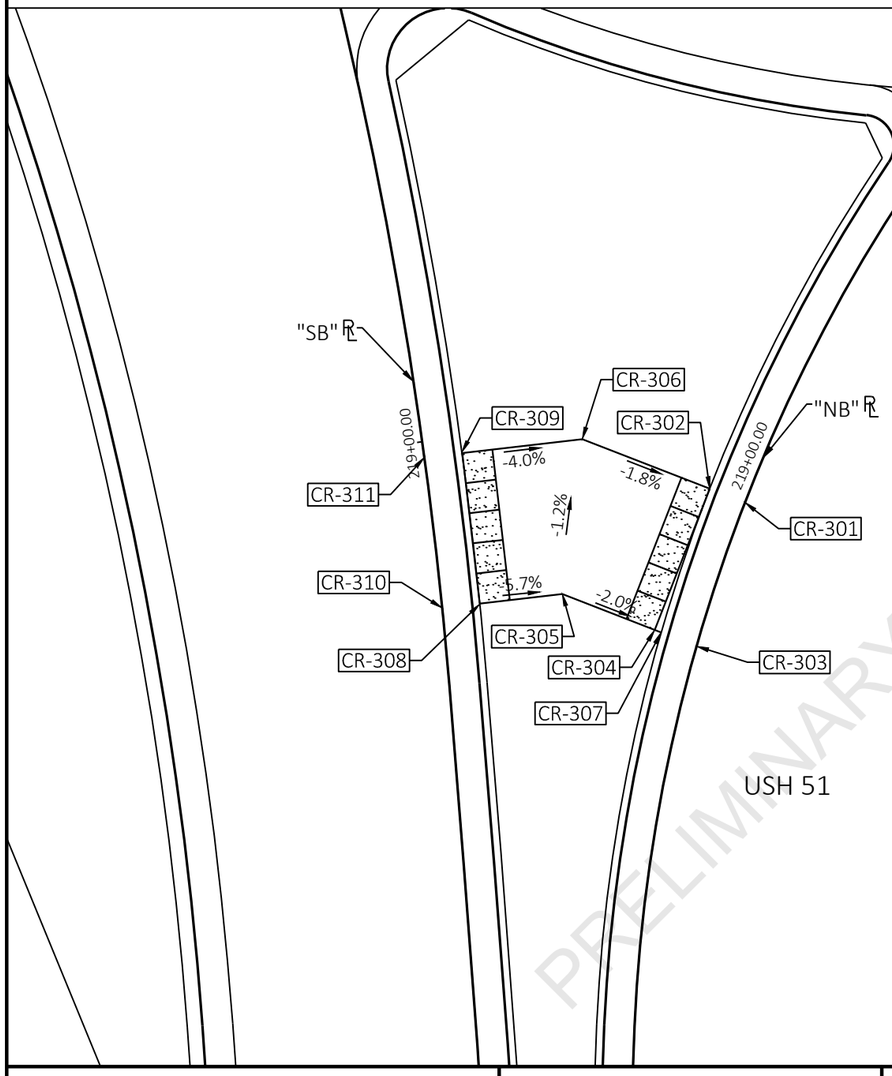
PROJECT NO: 6020-02-70	HWY: USH 51	COUNTY: COLUMBIA	CONSTRUCTION DETAILS - CURB RAMP DETAILS	SHEET	E

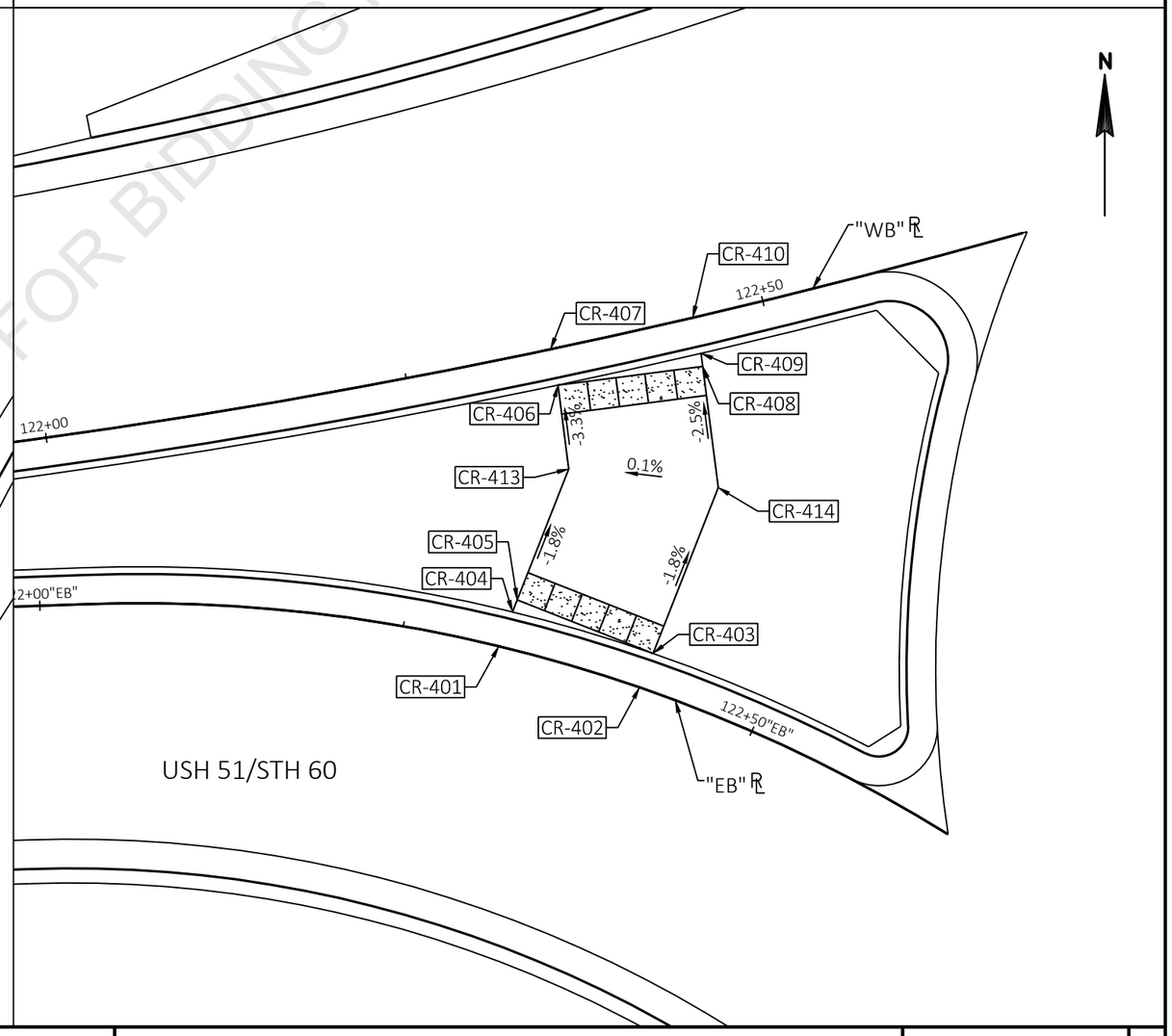
CR-301 POINTS					
POINT	STATION	OFFSET	ELEVATION	NORTHING	EASTING
301	218+97.06 "NB"	0.00'	1077.12	318367.64	573380.91
302	218+97.06 "NB"	2.50' LT	1077.04	318368.54	573378.58
303	218+87.04 "NB"	0.00'	1077.27	318358.15	573377.72
304	218+87.31 "NB"	2.95' LT	1077.19	318359.22	573374.96
305	218+87.85 "NB"	9.46' LT	1077.32	318361.59	573368.86
306	218+97.06 "NB"	11.52' LT	1077.20	318371.81	573370.18

CR-301 POINTS					
POINT	STATION	OFFSET	ELEVATION	NORTHING	EASTING
307	218+87.27 "NB"	2.50' LT	1077.19	318359.06	573375.38
308	218+88.96 "SB"	2.50' RT	1077.64	318360.92	573363.42
309	218+98.96 "SB"	2.50' RT	1077.52	318370.94	573362.24
310	218+88.96 "SB"	0.00'	1077.60	318360.67	573360.93
311	218+98.96 "SB"	0.00'	1077.47	318370.60	573359.76

CR-401 POINTS					
POINT	STATION	OFFSET	ELEVATION	NORTHING	EASTING
401	122+31.69 "EB"	0.00'	1076.69	318477.90	573282.55
402	122+41.74 "EB"	0.00'	1076.71	318475.08	573292.19
403	122+41.84 "EB"	2.50' LT	1076.75	318477.40	573293.11
404	122+32.03 "EB"	2.50' LT	1076.73	318480.25	573283.48
405	122+32.15 "EB"	3.38' LT	1076.71	318481.07	573283.80
406	122+35.09 "WB"	2.50' RT	1076.35	318495.79	573286.60

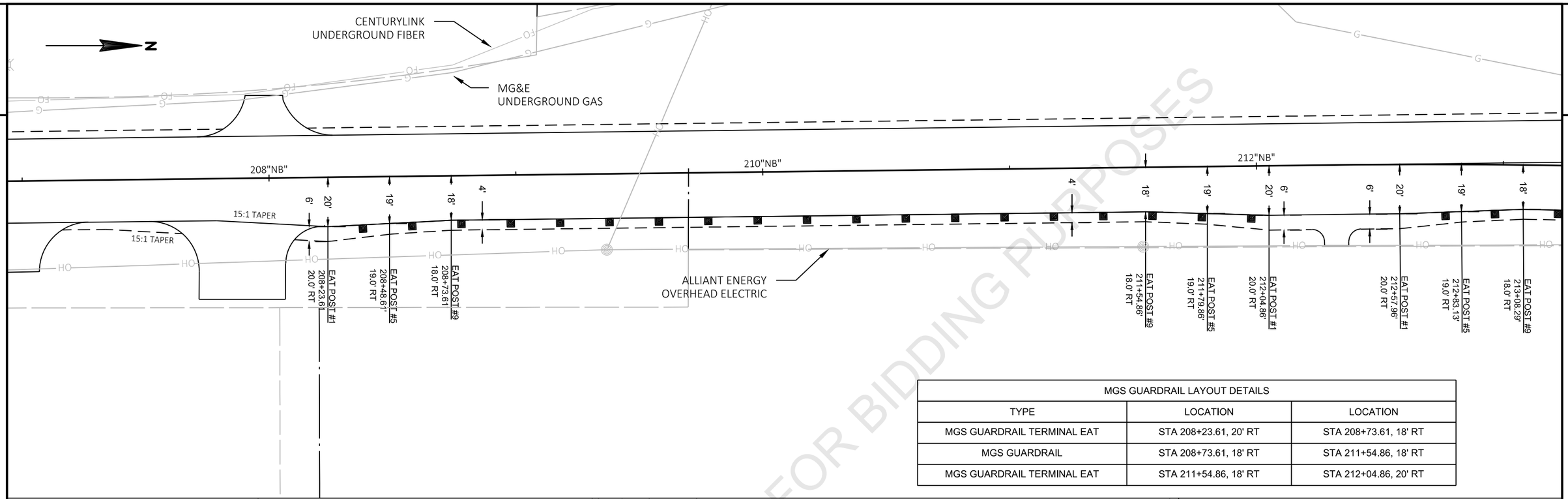
CR-401 POINTS					
POINT	STATION	OFFSET	ELEVATION	NORTHING	EASTING
407	122+35.09 "WB"	0.00'	1076.43	318498.24	573286.08
408	122+44.99 "WB"	3.41' RT	1076.32	318497.07	573296.52
409	122+45.08 "WB"	2.50' RT	1076.30	318497.97	573296.40
410	122+45.08 "WB"	0.00'	1076.38	318500.40	573295.83
413	122+33.29 "EB"	12.94' LT	1076.48	318490.04	573287.34
414	122+42.29 "EB"	14.71' LT	1076.53	318488.77	573297.58



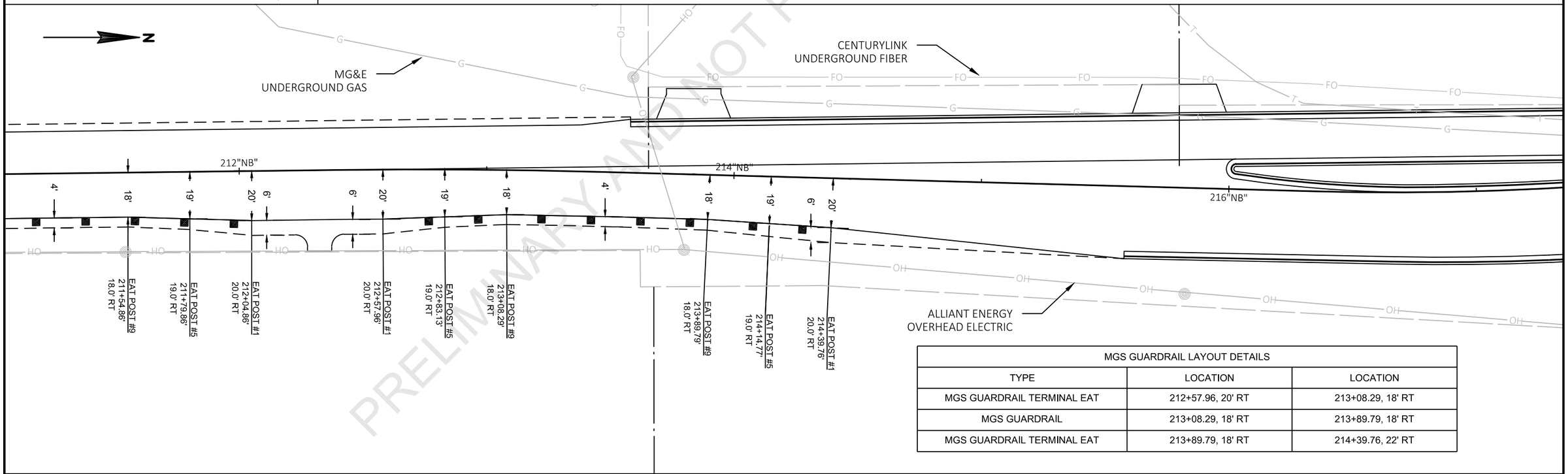


PRELIMINARY AND NOT FOR BIDDING PURPOSES

PROJECT NO: 6020-02-70	HWY: USH 51	COUNTY: COLUMBIA	CONSTRUCTION DETAILS- CURB RAMP DETAILS	SHEET	E



MGS GUARDRAIL LAYOUT DETAILS		
TYPE	LOCATION	LOCATION
MGS GUARDRAIL TERMINAL EAT	STA 208+23.61, 20' RT	STA 208+73.61, 18' RT
MGS GUARDRAIL	STA 208+73.61, 18' RT	STA 211+54.86, 18' RT
MGS GUARDRAIL TERMINAL EAT	STA 211+54.86, 18' RT	STA 212+04.86, 20' RT



MGS GUARDRAIL LAYOUT DETAILS		
TYPE	LOCATION	LOCATION
MGS GUARDRAIL TERMINAL EAT	212+57.96, 20' RT	213+08.29, 18' RT
MGS GUARDRAIL	213+08.29, 18' RT	213+89.79, 18' RT
MGS GUARDRAIL TERMINAL EAT	213+89.79, 18' RT	214+39.76, 22' RT

PRELIMINARY AND NOT FOR BIDDING PURPOSES

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	GUARDRAIL DETAILS	SHEET	E

2

LEGEND

■	PROPOSED INLET
●	PROPOSED MANHOLE
③	DATA POINT
CS-4	CONCRETE SIDEWALK 4-INCH
CTA-R	CONCRETE ROUNDABOUT TRUCK APRON 12-INCH (RED)
CR-5	CURB RAMP - TYPE
▨	REJECT CURB
ASD	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
BAD	3/4-INCH BASE AGGREGATE DENSE

N

221+75 MATCH LINE

STH 22

CURB & GUTTER TRANSITION STA. 221+60 "SB" - 221+70 "SB"

CONCRETE CURB & GUTTER 30-INCH, TYPE D REVERSE SLOPE

CONCRETE CURB & GUTTER 30-INCH, TYPE D

CURB & GUTTER TRANSITION STA.40+83 "NE" - 40+93 "NE"

CONCRETE CURB & GUTTER 4-INCH SLOPED, 36-INCH TYPE D (8-INCH THICKNESS)

R=100.0'

CONCRETE CURB & GUTTER 4-INCH SLOPED, 36-INCH TYPE D (8-INCH THICKNESS)

CURB & GUTTER TRANSITION STA. 30+72 "NW" - 30+82 "NW"

CONCRETE CURB & GUTTER 30-INCH, TYPE D

CONCRETE CURB PEDESTRIAN

CONCRETE CURB & GUTTER 30-INCH, TYPE D

CURB & GUTTER TRANSITION STA. 42+75"SE" - 42+85 "NE"

ASD

10.0'

32.0'

121+00"WB"

USH 51/STH 60

121+00"EB"

122+00"WB"

122+00"EB"

CONCRETE CURB & GUTTER 30-INCH, TYPE D REJECT

20'

#20 SEED

R=30.0'

R=55'

R=41.5'

R=66.5'

25'

28'

CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH, TYPE T

CONCRETE CURB & GUTTER 30-INCH, TYPE D

43+00"NE"

125+00"WB"

125+00"EB"

STH 60

65+00"SE"

CONCRETE CURB & GUTTER 30-INCH, TYPE D

CURB & GUTTER TRANSITION STA. 64+67 "SE" - 64+77 "SE"

CONCRETE CURB & GUTTER 30-INCH, TYPE D REJECT

CONCRETE CURB & GUTTER 4-INCH SLOPED, 36-INCH TYPE D (8-INCH THICKNESS)

120+85 MATCH LINE

125+65 MATCH LINE

CTA-R

CURB & GUTTER TRANSITION STA. 121+37 "EB" - 121+47 "EB"

CONCRETE CURB & GUTTER 30-INCH, TYPE D

CONCRETE CURB & GUTTER 18-INCH TYPE A REJECT

CONCRETE CURB & GUTTER 4-INCH SLOPED, 36-INCH TYPE D (8-INCH THICKNESS)

R=150.0'

CONCRETE CURB & GUTTER 30-INCH, TYPE D REJECT

CURB & GUTTER TRANSITION STA. 218+37 "SB" - 218+47 "SB"

6-INCH HMA PAVEMENT

CONCRETE CURB PEDESTRIAN

R=50.0'

CURB & GUTTER TRANSITION STA. 62+93 "SE" - 63+03 "SE"

CONCRETE CURB & GUTTER 30-INCH, TYPE D

USH 51

218+15 MATCH LINE

CS-4 CR-5 CS-4

221+00"SB"

221+00"NB"

219+00"SB"

219+00"NB"

64+00"SE"

63+00"SE"

51+00"SW"

31+00"NW"

32+00"NW"

41+00"NE"

42+00"NE"

22+00"C"

21+50"C"

22+50"C"

20+50"C"

23+00"C"

23+50"C"

PRELIMINARY AND NOT FOR BIDDING PURPOSES

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	INTERSECTION DETAILS	SHEET E

FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\021201_ID.DWG
LAYOUT NAME - 021201_id

PLOT DATE : 6/7/2021 12:57 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

PRELIMINARY AND NOT FOR BIDDING PURPOSES

N

701+50"DW"

700+00"DW"

700+50"DW"

801+00"DW"

800+50"DW"

RADIUS = 62.6'

RADIUS = 90.0'

RADIUS =50.0'

RADIUS = 70.0'

8.0'

6.0'

17.0'

17.0'

18.0'

ASD

BAD

15.0'

13.75'

30.5'

31.0'

27.0'

31.0'

10.0'

10.0'

9.0'

CONCRETE SURFACE DRAIN

CONCRETE SURFACE DRAIN

CONCRETE CURB & GUTTER 4-INCH SLOPED, 36-INCH TYPE D

CONCRETE CURB & GUTTER 4-INCH SLOPED, 36-INCH TYPE D

CONCRETE CURB & GUTTER 4-INCH SLOPED, 36-INCH TYPE D REJECT

CONCRETE CURB & GUTTER 30-INCH, TYPE D

CURB & GUTTER TRANSITION STA. 120+76 "EB" - 120+86 "EB"

CURB & GUTTER TRANSITION STA. 120+76 "EB" - 120+86 "EB"

CURB & GUTTER TRANSITION STA. 120+76 "EB" - 120+86 "EB"

CURB & GUTTER TRANSITION STA. 126+08 "EB" - 126+18 "EB"

115+00"WB"

115+00"EB"

116+00"WB"

116+00"EB"

117+00"WB"

117+00"EB"

118+00"WB"

118+00"EB"

119+00"WB"

119+00"EB"

120+00"WB"

120+00"EB"

126+00"WB"

126+00"EB"

127+00"WB"

127+00"EB"

128+00"WB"

128+00"EB"

129+00"WB"

129+00"EB"

130+00"WB"

130+00"EB"

131+00"WB"

131+00"EB"

USH 51/STH 60

STH 60

CS-4

CS-4

500-FT RADIUS

500-FT RADIUS

500-FT RADIUS

R=20.0'

R=20.0'

120+85 MATCH LINE

125+65 MATCH LINE

LEGEND

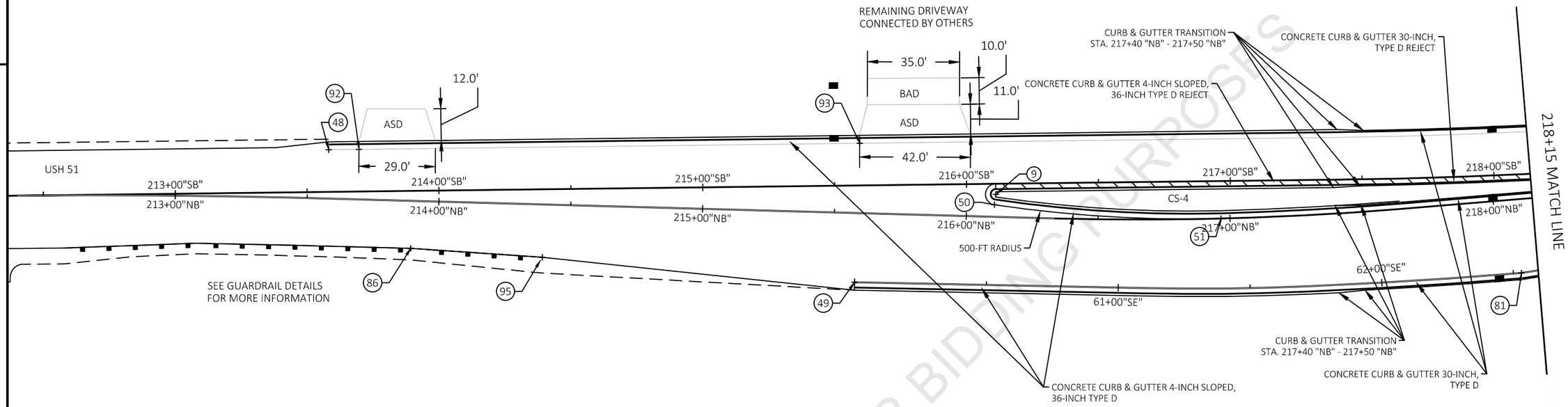
- PROPOSED INLET
- PROPOSED MANHOLE
- (3) DATA POINT
- CS-4 CONCRETE SIDEWALK 4-INCH
- CTA-R CONCRETE ROUNDABOUT TRUCK APRON 12-INCH (RED)
- CR-5 CURB RAMP - TYPE
- REJECT CURB
- ASD ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
- BAD 3/4-INCH BASE AGGREGATE DENSE

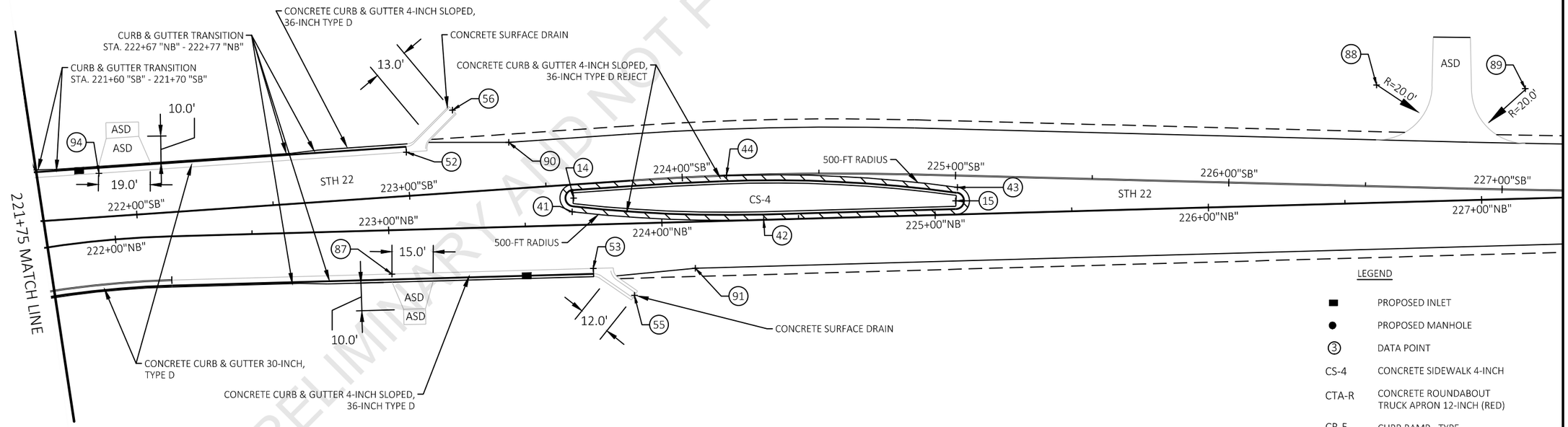
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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	INTERSECTION DETAILS	SHEET	E

FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\021201_ID.DWG
LAYOUT NAME - 021202_id
PLOT DATE : 6/7/2021 12:57 PM
PLOT BY : PAYNE, GREGORY A
PLOT NAME :
PLOT SCALE : #######
WISDOT/CADDS SHEET 42

2





LEGEND

■	PROPOSED INLET
●	PROPOSED MANHOLE
(3)	DATA POINT
CS-4	CONCRETE SIDEWALK 4-INCH
CTA-R	CONCRETE ROUNDABOUT TRUCK APRON 12-INCH (RED)
CR-5	CURB RAMP - TYPE
▨	REJECT CURB
ASD	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
BAD	3/4-INCH BASE AGGREGATE DENSE

PRELIMINARY AND NOT FOR BIDDING PURPOSES

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	INTERSECTION DETAILS	SHEET	E

STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
1	219+23.71 "SB"	6.00 RT	318396.26	573361.30	6-FT
2	219+21.15 "NB"	4.00 LT	318391.18	573388.72	4-FT
3	124+27.05 "EB"	6.00 LT	318436.54	573467.10	6-FT
4	124+30.16 "WB"	4.00 RT	318472.40	573474.39	4-FT
5	220+90.88 "NB"	6.00 LT	318548.68	573423.85	6-FT
6	220+90.49 "SB"	4.00 RT	318555.26	573390.10	4-FT
7	122+57.40 "WB"	6.00 RT	318497.54	573309.31	6-FT
8	122+57.58 "EB"	4.00 LT	318472.33	573308.57	4-FT
9	216+02.74 "NB"	8.19 LT	318083.10	573373.83	4-FT
10	125+13.91 "EB"	5.25 LT	318454.68	573552.94	5.25-FT
11	127+19.56 "WB"	5.00 RT	318471.76	573762.35	5-FT
12	128+89.67 "EB"	5.00 LT	318479.82	573928.17	5-FT
13	221+64.31 "NB"	5.40 LT	318620.28	573404.05	5.4-FT
14	223+67.99 "NB"	9.87 LT	318824.24	573389.61	5-FT
15	225+07.60 "NB"	5.00 LT	318963.93	573390.58	5-FT
16	119+97.94 "WB"	5.00 RT	318487.09	573049.59	5-FT
17	117+00.00 "EB"	16.00 RT	318481.62	572750.80	
18	115+55.27 "EB"	19.78 RT	318486.67	572606.14	
19	115+74.42 "WB"	19.73 LT	318527.92	572627.31	
20	117+00.45 "WB"	16.00 LT	318519.39	572753.11	
21	22+64.91 "C"	55.00 LT	318476.31	573387.47	55-FT
22	20+92.13 "C"	43.50 LT	318481.22	573397.87	66.5-FT
23	30+81.84 "NW"	4.54 LT	318514.26	573254.30	
24	31+48.08 "NW"	10.08 LT	318538.09	573314.77	
25	40+93.01 "NE"	4.40 LT	318586.96	573438.63	
26	41+59.39 "NE"	12.77 LT	318530.94	573470.80	
27	42+75.13 "NE"	4.50 LT	318480.76	573556.10	
28	64+67.12 "SE"	4.53 RT	318421.04	573516.61	
29	64+03.56 "SE"	8.60 RT	318398.28	573458.17	
30	63+32.59 "SE"	6.26 RT	318358.19	573409.72	
31	63+09.04 "SE"	54.38 RT	318331.65	573452.09	
32	218+46.98 "SB"	20.50 LT	318317.48	573343.69	
33	51+47.77 "SW"	17.96 RT	318363.96	573324.59	
34	121+70.84 "EB"	27.34 RT	318452.29	573222.94	
35	121+47.60 "EB"	20.50 RT	318458.28	573199.47	
36	125+51.09 "EB"	16.00 RT	318436.97	573591.66	
37	127+75.13 "EB"	0.00	318467.42	573814.20	
38	127+23.15 "EB"	2.71 LT	318466.77	573762.15	

STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
39	128+86.35 "WB"	4.10 RT	318484.81	573928.50	
40	128+16.32 "WB"	0.00	318484.46	573858.39	
41	223+67.29 "NB"	4.92 LT	318823.68	573394.57	
42	224+37.24 "NB"	0.00	318893.73	573397.54	
43	225+00.78 "SB"	4.28 RT	318964.61	573385.63	
44	224+16.20 "SB"	0.00	318880.16	573381.31	
45	119+97.47 "EB"	2.74 LT	318482.14	573048.86	
46	120+67.92 "EB"	0.00	318476.82	573119.08	
47	129+19.99 "WB"	20.00 LT	318510.44	573961.08	
48	213+58.39 "SB"	16.00 LT	317830.16	573356.91	
49	60+00.00 "SE"	0.00 RT	318029.49	573407.20	
50	216+02.26 "NB"	4.22 LT	318082.51	573377.79	
51	216+83.02 "NB"	0.00	318168.41	573383.02	
52	222+99.95 "SB"	16.00 LT	318763.05	573372.77	
53	223+74.47 "NB"	16.00 RT	318831.44	573415.28	
54	130+94.10 "WB"	37.00 LT	318529.88	574136.00	5-FT
55	223+89.22 "NB"	26.32 RT	318846.47	573425.18	5-FT
56	223+17.80 "SB"	30.18 LT	318779.88	573357.40	4.5-FT
57	800+39.35 "DW"	9.84 LT	318534.34	572917.73	
58	800+97.21 "DW"	6.00 LT	318570.34	572888.28	
59	800+93.91 "DW"	6.00 RT	318580.80	572895.03	
60	800+35.57 "DW"	13.44 RT	318533.62	572941.30	
61	117+13.38 "WB"	16.00 LT	318518.90	572766.03	
62	118+61.38 "WB"	16.00 LT	318513.27	572913.93	
63	119+57.53 "WB"	16.00 LT	318509.61	573010.00	
64	120+33.04 "WB"	16.00 LT	318506.74	573085.46	
65	131+69.10 "WB"	37.00 LT	318529.80	574211.00	5-FT
66	129+64.78 "WB"	17.00 LT	318508.94	574006.21	
67	126+35.17 "WB"	16.00 LT	318485.93	573676.54	
68	127+00.41 "WB"	16.00 LT	318491.16	573741.58	
69	128+00.80 "WB"	16.00 LT	318499.21	573841.64	
70	115+15.18 "WB"	17.00 LT	318527.44	572568.01	
71	114+95.91 "EB"	17.00 RT	318492.80	572547.13	
72	125+56.62 "WB"	16.00 LT	318479.63	573598.24	
73	700+77.29 "DW"	8.13 RT	318581.13	572768.14	
74	700+35.02 "DW"	14.80 RT	318538.19	572793.17	
75	700+80.56 "DW"	8.00 LT	318572.10	572754.38	
76	700+37.26 "DW"	8.93 LT	318538.92	572769.35	

STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
77	115+50.02 "WB"	35.35 LT	318544.45	572603.53	
78	115+37.73 "EB"	30.06 RT	318477.43	572588.07	
79	129+41.04 "WB"	31.44 LT	318522.66	573981.86	
80	221+60.77 "SB"	20.50 LT	318623.89	573377.84	
81	62+53.06 "SE"	0.00	318282.35	573403.67	
82	62+61.43 "SE"	93.23 RT	318305.10	573494.46	
83	218+46.75 "SB"	178.69 LT	318306.95	573185.85	
84	42+84.55 "NE"	104.05 LT	318580.75	573557.51	
85	31+49.48 "NW"	110.08 LT	318631.13	573278.10	
86	213+89.79 "NB"	18.00 RT	317861.24	573394.32	
87	223+00.75 "NB"	16.00 RT	318757.75	573417.34	
88	226+53.12 "SB"	37.04 LT	319117.96	573348.20	
89	227+07.80 "SB"	37.04 LT	319172.36	573349.52	
90	223+37.52 "SB"	17.00 LT	318800.46	573369.19	
91	224+11.78 "NB"	17.00 RT	318868.76	573415.24	
92	213+69.87 "SB"	16.00 LT	317841.63	573356.77	
93	215+62.23 "SB"	16.00 LT	318031.47	573354.46	
94	221+87.21 "SB"	16.00 LT	318650.58	573380.51	
95	214+39.74 "NB"	20.00 RT	317911.12	573397.68	

PRELIMINARY NOT FOR BIDDING PURPOSES

2

LEGEND

- PROPOSED INLET
- PROPOSED MANHOLE
- REJECT CURB

N

221+75 MATCH LINE

STH 22

USH 51/STH 60

120+85 MATCH LINE

125+65 MATCH LINE

218+15 MATCH LINE

USH 51

STH 60

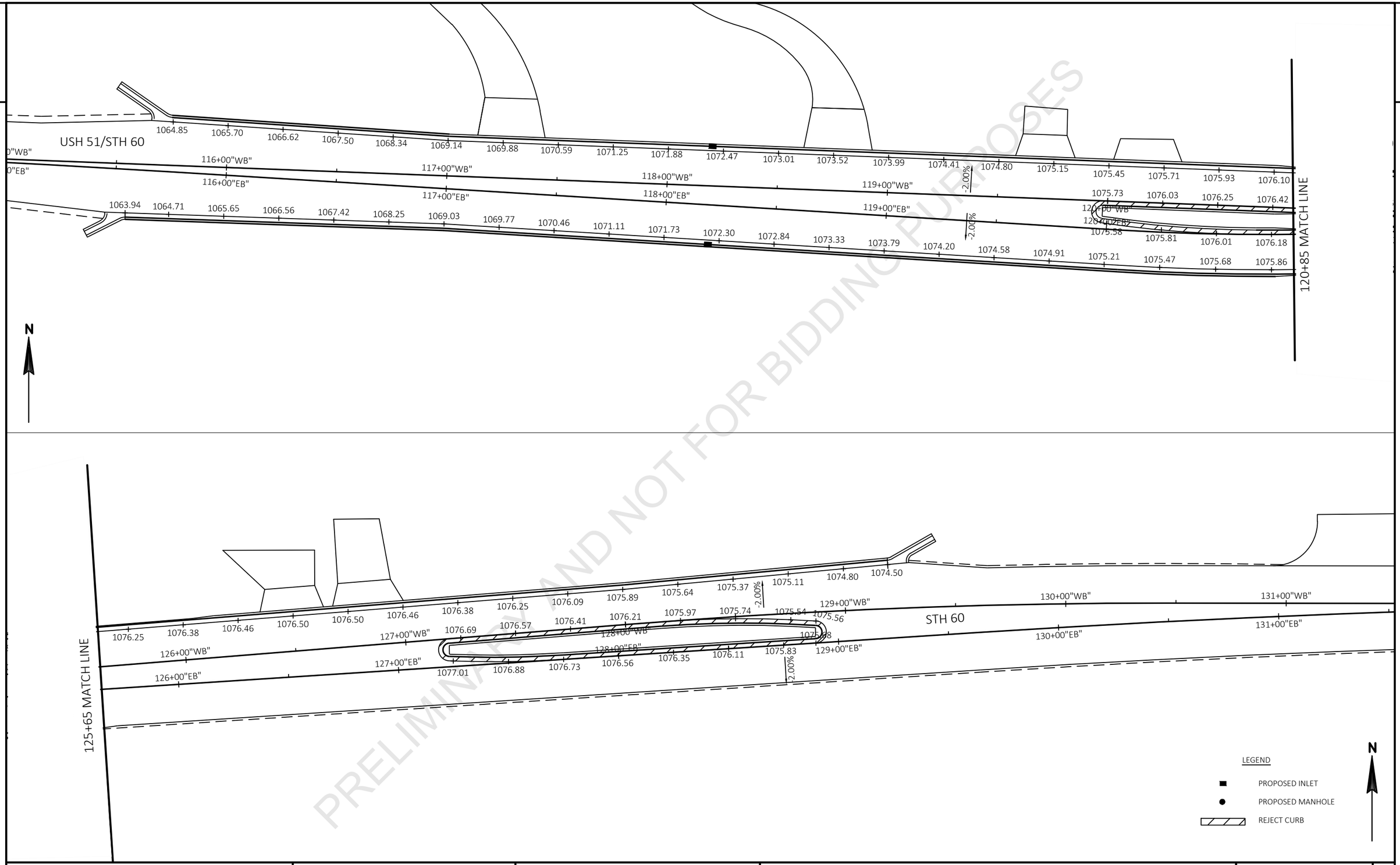
PRELIMINARY AND NOT FOR BIDDING PURPOSES

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	PAVING DETAILS	SHEET	E

FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - 021201_pd

PLOT DATE : 6/7/2021 1:08 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

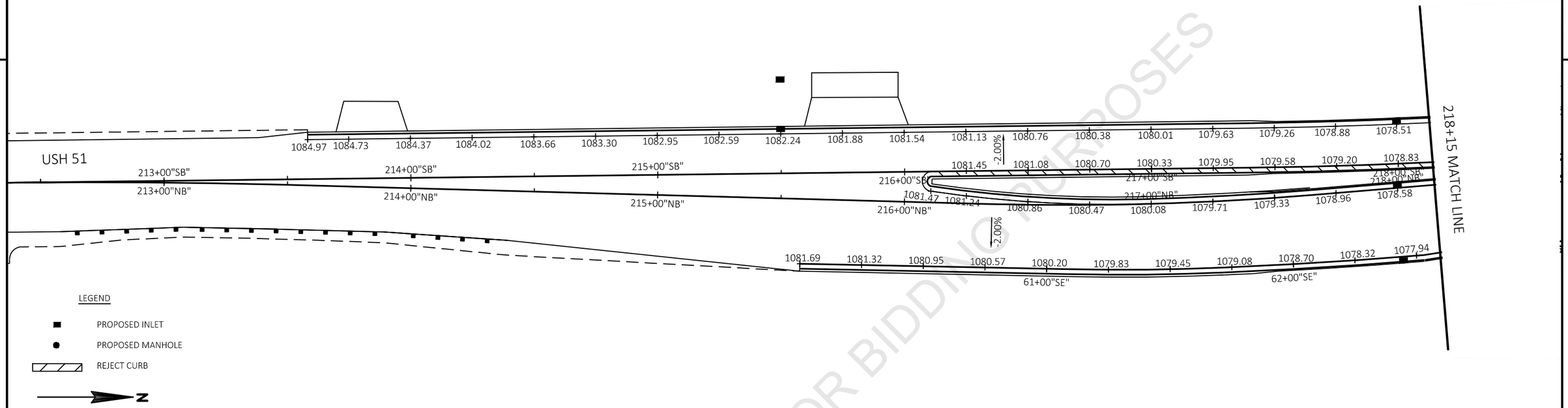


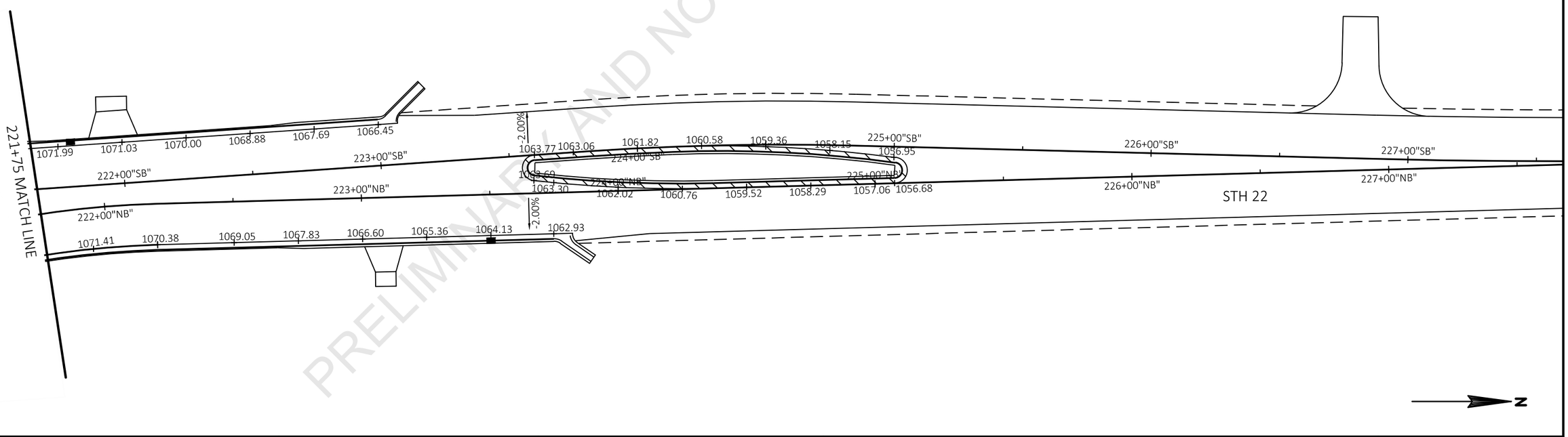
PRELIMINARY AND NOT FOR BIDDING PURPOSES

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	PAVING DETAILS	SHEET	E

FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - 021202_pd
PLOT DATE : 6/7/2021 1:08 PM
PLOT BY : PAYNE, GREGORY A
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2





PRELIMINARY AND NOT FOR BIDDING PURPOSES

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	PAVING DETAILS	SHEET	E

2

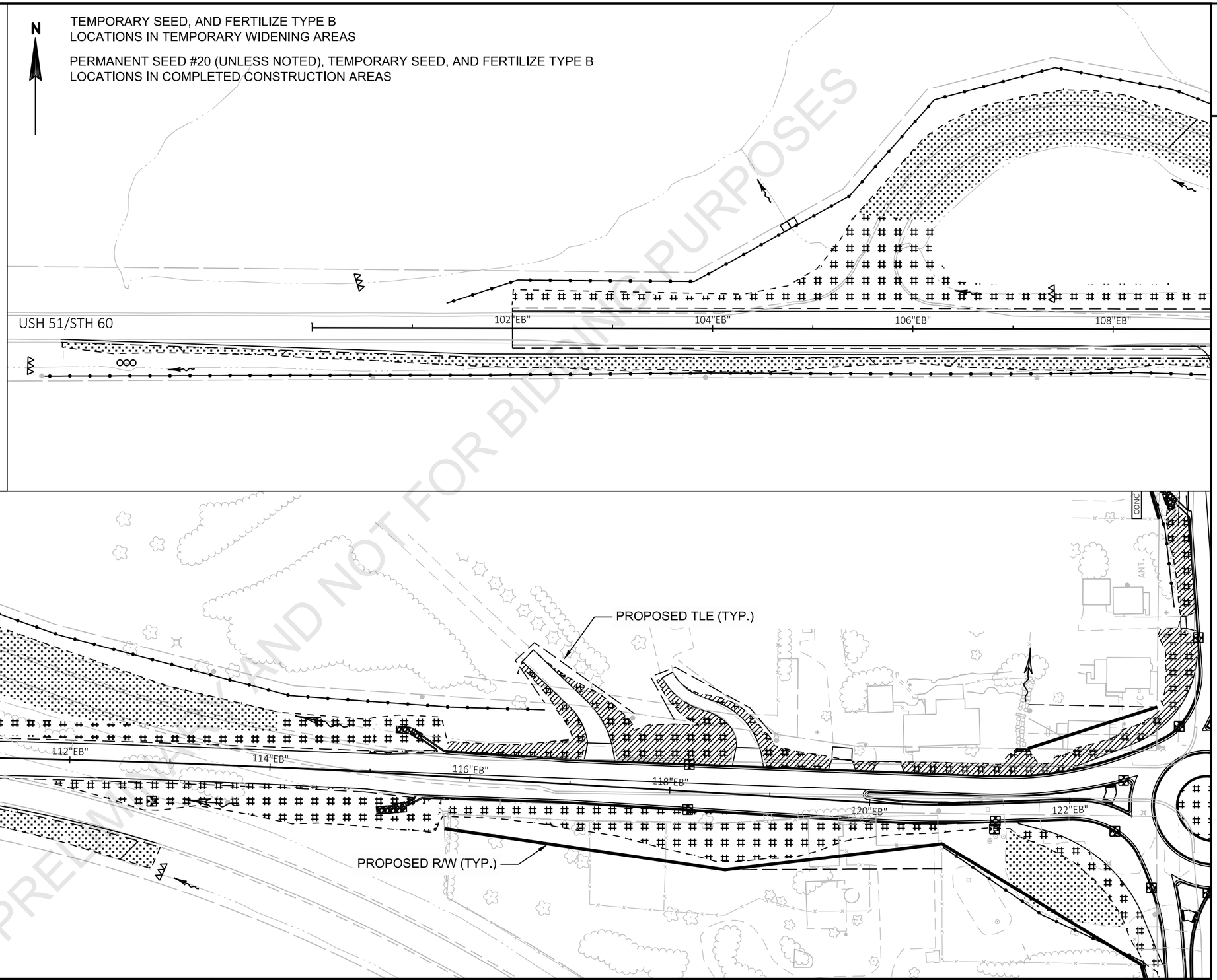
LEGEND

- EROSION MAT CLASS I, TYPE B
- MULCH
- SILT FENCE
- SILT FENCE RELIEF
- RIP RAP OR STONE DITCH CHECK
- SLOPE INTERCEPT
- CONC — CONCRETE SURFACE DRAIN
- INLET PROTECTION
- TEMPORARY DITCH CHECK
- CULVERT PIPE DITCH CHECK
- SURFACE WATER FLOW
- #40 SEED

N

TEMPORARY SEED, AND FERTILIZE TYPE B
LOCATIONS IN TEMPORARY WIDENING AREAS

PERMANENT SEED #20 (UNLESS NOTED), TEMPORARY SEED, AND FERTILIZE TYPE B
LOCATIONS IN COMPLETED CONSTRUCTION AREAS



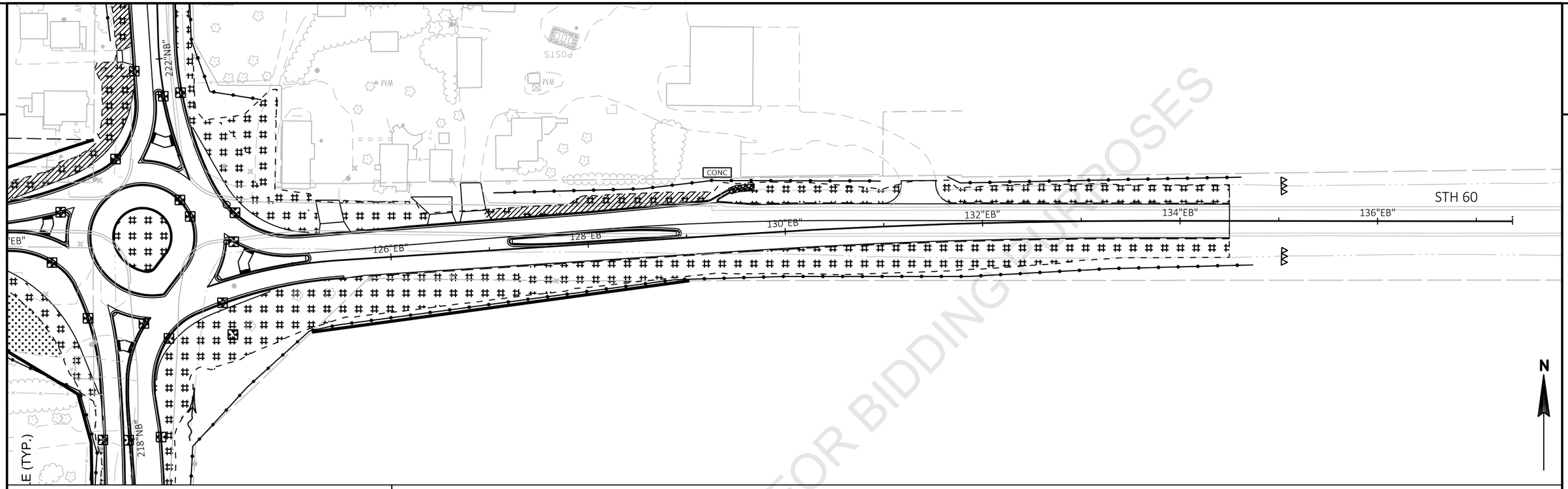
PREVIEW ONLY AND NOT FOR BIDDING PURPOSES

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	EROSION CONTROL - STAGE 1-3	SHEET	E

FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\022001_EC.DWG
LAYOUT NAME - STAGE 1 -1

PLOT DATE : 4/12/2021 4:08 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

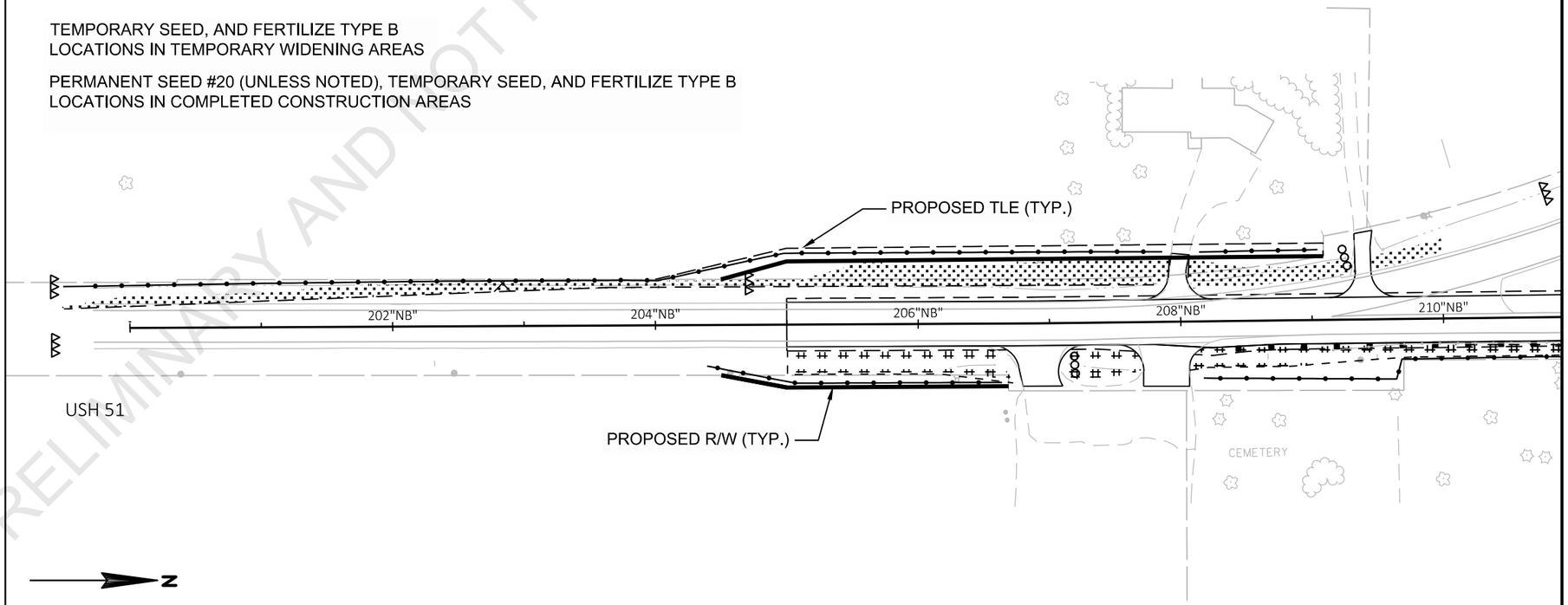


LEGEND

- EROSION MAT CLASS I, TYPE B
- MULCH
- SILT FENCE
- SILT FENCE RELIEF
- RIP RAP OR STONE DITCH CHECK
- SLOPE INTERCEPT
- CONC — CONCRETE SURFACE DRAIN
- INLET PROTECTION
- TEMPORARY DITCH CHECK
- CULVERT PIPE DITCH CHECK
- SURFACE WATER FLOW
- #40 SEED

TEMPORARY SEED, AND FERTILIZE TYPE B
LOCATIONS IN TEMPORARY WIDENING AREAS

PERMANENT SEED #20 (UNLESS NOTED), TEMPORARY SEED, AND FERTILIZE TYPE B
LOCATIONS IN COMPLETED CONSTRUCTION AREAS



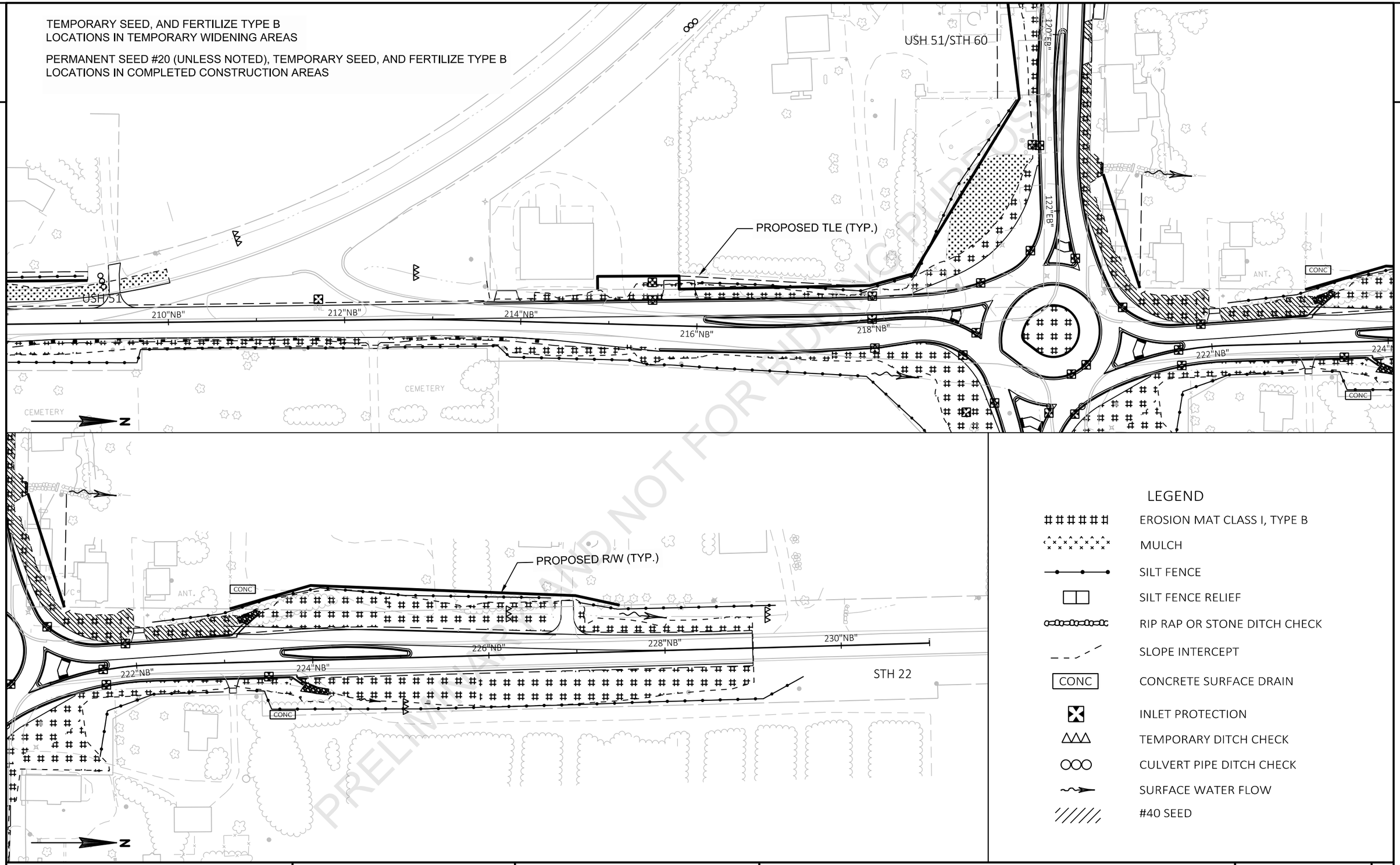
PRELIMINARY AND NOT FOR BIDDING PURPOSES

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	EROSION CONTROL - STAGE 1-3	SHEET	E

FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\022001_EC.DWG
LAYOUT NAME - STAGE 1 -2
PLOT DATE : 4/12/2021 4:08 PM
PLOT BY : PAYNE, GREGORY A
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

TEMPORARY SEED, AND FERTILIZE TYPE B
LOCATIONS IN TEMPORARY WIDENING AREAS

PERMANENT SEED #20 (UNLESS NOTED), TEMPORARY SEED, AND FERTILIZE TYPE B
LOCATIONS IN COMPLETED CONSTRUCTION AREAS



LEGEND

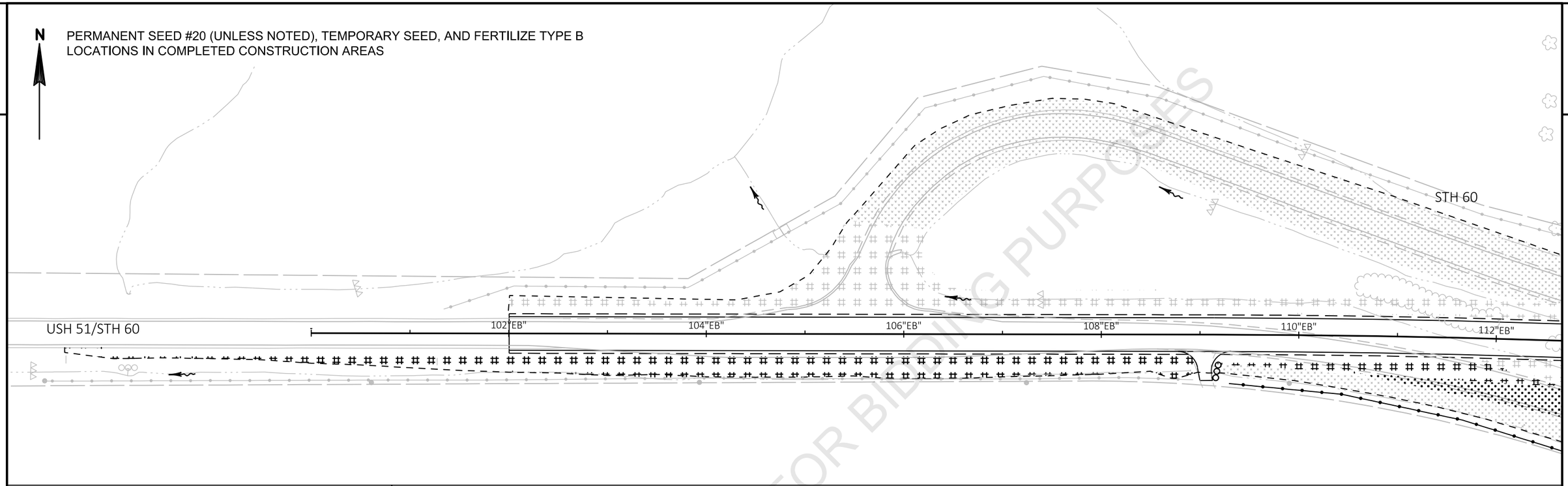
- EROSION MAT CLASS I, TYPE B
- MULCH
- SILT FENCE
- SILT FENCE RELIEF
- RIP RAP OR STONE DITCH CHECK
- SLOPE INTERCEPT
- CONC — CONCRETE SURFACE DRAIN
- INLET PROTECTION
- TEMPORARY DITCH CHECK
- CULVERT PIPE DITCH CHECK
- SURFACE WATER FLOW
- #40 SEED

PRELIMINARY - NOT FOR BIDDING PURPOSES

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	EROSION CONTROL - STAGE 1-3	SHEET	E

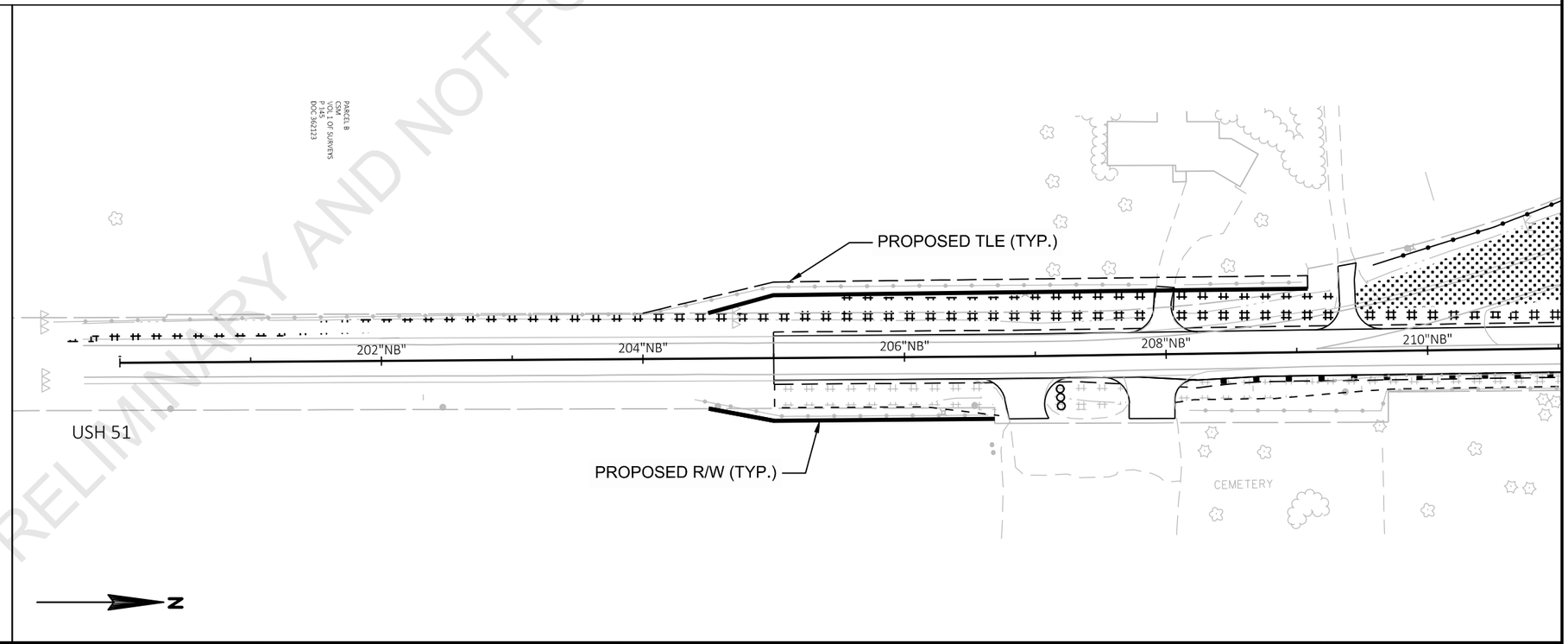
FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\022001_EC.DWG
LAYOUT NAME - STAGE 1 -3
PLOT DATE : 4/12/2021 4:09 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:100 FT

PERMANENT SEED #20 (UNLESS NOTED), TEMPORARY SEED, AND FERTILIZE TYPE B
LOCATIONS IN COMPLETED CONSTRUCTION AREAS



LEGEND

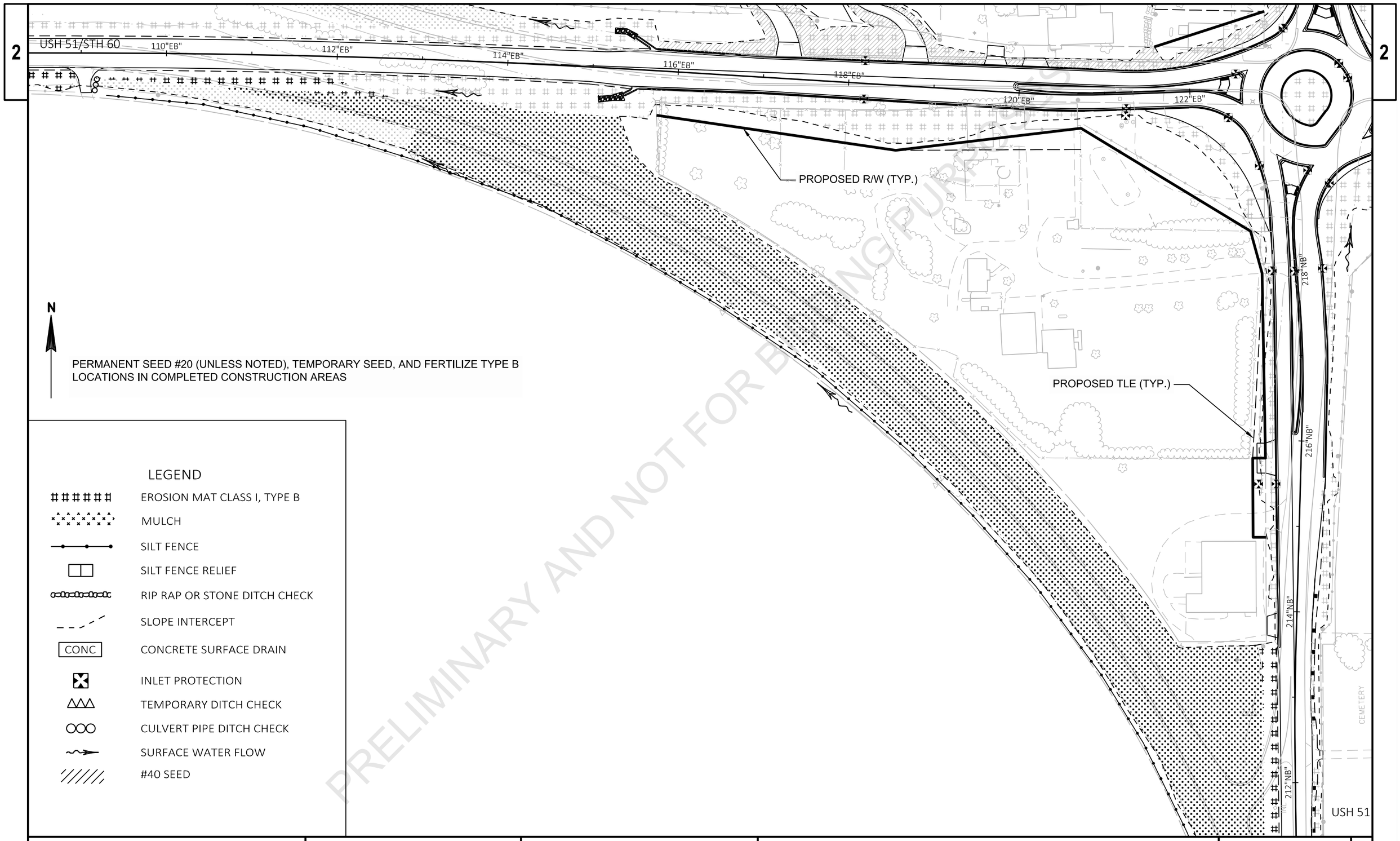
- EROSION MAT CLASS I, TYPE B
- MULCH
- SILT FENCE
- SILT FENCE RELIEF
- RIP RAP OR STONE DITCH CHECK
- SLOPE INTERCEPT
- CONC — CONCRETE SURFACE DRAIN
- INLET PROTECTION
- TEMPORARY DITCH CHECK
- CULVERT PIPE DITCH CHECK
- SURFACE WATER FLOW
- #40 SEED



PRELIMINARY AND NOT FOR BIDDING PURPOSES

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	EROSION CONTROL - STAGE 4	SHEET E

FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\022001_EC STAGE 4.DWG
LAYOUT NAME - STAGE 4 -1
PLOT DATE : 4/12/2021 4:15 PM
PLOT BY : PAYNE, GREGORY A
PLOT NAME :
PLOT SCALE : 1 IN:100 FT



PRELIMINARY AND NOT FOR BIDDING PURPOSES

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	EROSION CONTROL - STAGE 4	SHEET	E

FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\022001_EC STAGE 4.DWG
LAYOUT NAME - STAGE 4 -2
PLOT DATE : 4/12/2021 4:15 PM
PLOT BY : PAYNE, GREGORY A
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

PRELIMINARY AND NOT FOR BIDDING PURPOSES

CENTURYLINK UNDERGROUND FIBER

CENTURYLINK UNDERGROUND TELEPHONE

MG&E UNDERGROUND GAS

STA 215+50, 38.0' LT
INLETS MEDIAN 1G-MS
10.7

10.6
STA 215+50, 18.0' LT
INLETS 4-HM

STA 218+00, 17.5' LT
INLETS 4-H
10.5

STA 218+00, 1.5' LT
INLETS 2x3-H
10.51

10.4
STA 51+20, 2.0' RT
INLETS 4-HM

10.3
STA 50+50, 2.0' RT
INLETS 4-HM

10.2
STA 122+74, 1.5' RT
INLETS 4-H

10.1
STA 32+00, 2.0' LT
INLETS 4-HM

10.41
STA 219+20, 1.5' LT
INLETS 4-H

10.42
STA 63+50, 2.0' RT
INLETS 2x3-HM

11.22
STA 21+11, 1.7' LT
INLETS 4-T

STA 20+90, 1.7' LT
INLETS 4-T
11.21

11.4
STA 64+18, 2.0' RT
INLETS 4-HM

11.5
STA 219+37, 86.9' RT
INLETS MEDIAN 1G-MS

STA 218+00, 29.5' RT
INLETS 2x3-H
10.52

STA 20+64, 30.0' RT
INLETS 4-H
11.3

11.2
STA 41+80, 2.0' LT
CATCH BASINS 6-HM

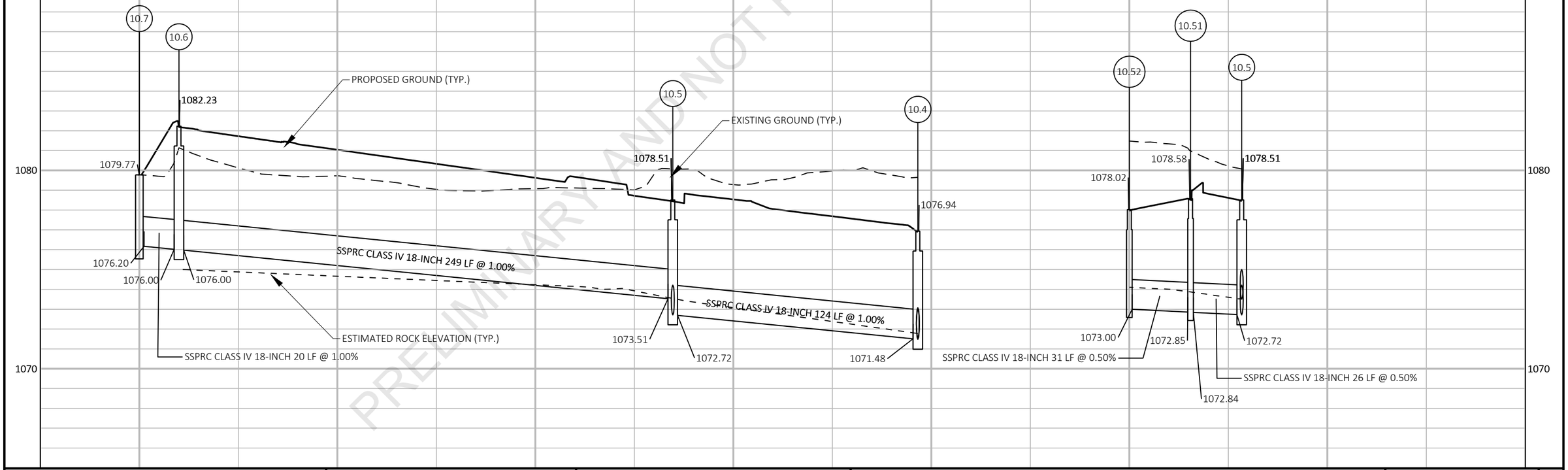
214"SB"
214"NB"
216"SB"
216"NB"
218"SB"
218"NB"
61+00"SE"
62+00"SE"
63+00"SE"
64+00"SE"
51+00"SW"
23+00"C"
22+00"C"
32+00"NW"
11+00"C"
41+00"NE"
42+00"NE"

PIPE UNDERDRAIN (TYP.)

ALLIANT ENERGY
OVERHEAD ELECTRIC

SLOPE INTERCEPT (TYP.)

N



PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	STORM SEWER	SHEET E

FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - 10.0 Series
PLOT DATE : 4/12/2021 6:16 PM
PLOT BY : PAYNE, GREGORY A
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 44

2

10.4 STA 51+20, 2.0' RT INLETS 4-HM

10.3 STA 50+50, 2.0' RT INLETS 4-HM

10.2 STA 122+44, 1.5' RT INLETS 4-H

10.1 STA 32+00, 2.0' LT INLETS 4-HM

10.0 STA 221+80, 17.5' LT INLETS 4-H

EW10.0 STA 222+97, 33.5' LT APRON ENDWALLS FOR CULVERT PIPE SLOPED SIDE DRAINS STEEL 24-INCH 6 TO 1

CENTURYLINK UNDERGROUND TELEPHONE

MG&E UNDERGROUND GAS

CENTURYLINK UNDERGROUND FIBER

MEDIUM RIPRAP

51+00"SW"

23+00"C"

22+00"C"

32+00"NW"

10.41 STA 219+20, 1.5' LT INLETS 4-H

10.42 STA 63+50, 2.0' RT INLETS 2x3-HM

63+00"SE"

11.22 STA 21+11, 1.7' LT INLETS 4-T

222"SB"

222"NB"

224"SB"

224"NB"

226"SB"

226"NB"

STA 20+90, 1.7' LT INLETS 4-T

11.21

21+00"C"

STA 219+37, 86.9' RT INLETS MEDIAN 1G-MS

11.5

51+00"SE"

11.4 STA 64+18, 2.0' RT INLETS 4-HM

11.11 STA 221+62, 1.5' LT INLETS 2x3-H

STA 223+50, 18.0' RT INLETS 4-HM

11.0

ALLIANT ENERGY OVERHEAD ELECTRIC

CENTURYLINK UNDERGROUND TELEPHONE

MEDIUM RIPRAP

SLOPE INTERCEPT (TYP.)

41+00"NE"

11.1 STA 221+62, 17.5' RT INLETS 4-H

PIPE UNDERDRAIN (TYP.)

STA 20+64, 30.0' RT INLETS 4-H

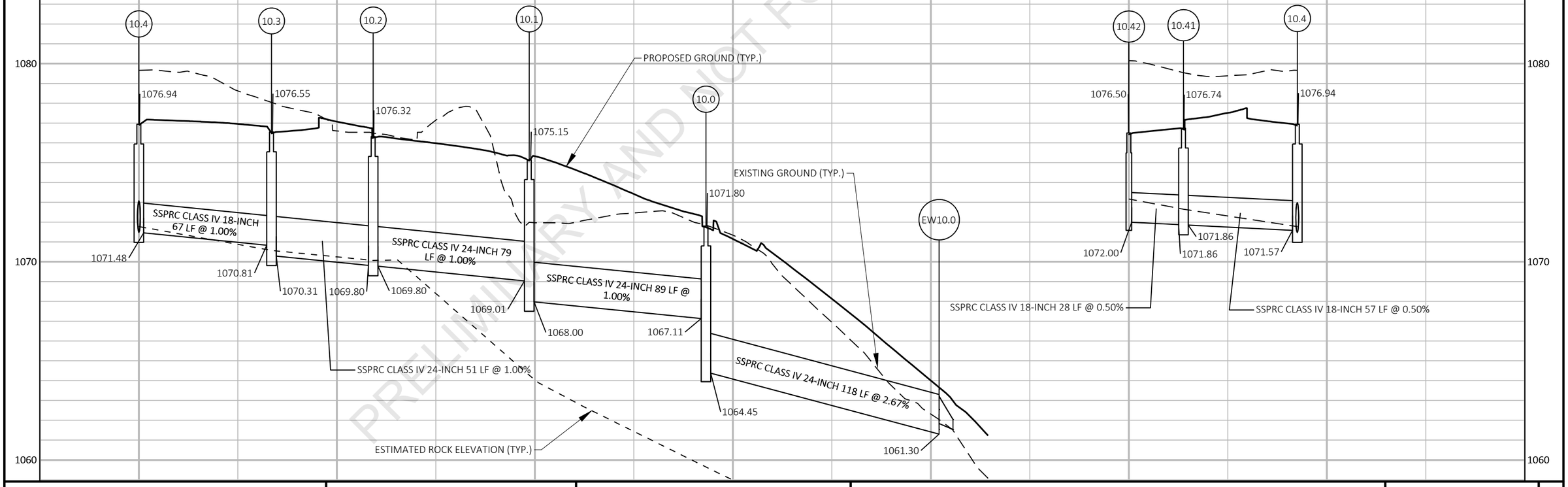
11.3

11.2 STA 41+80, 2.0' LT CATCH BASINS 6-HM

EW11.0 STA 223+74, 27.0' RT APRON ENDWALLS FOR CULVERT PIPE SLOPED SIDE DRAINS STEEL 24-INCH 6 TO 1

Z

PRELIMINARY AND NOT FOR BIDDING PURPOSES



PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	STORM SEWER	SHEET E

FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - 10.42 Series
PLOT DATE : 4/12/2021 6:17 PM
PLOT BY : PAYNE, GREGORY A
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 44

2

10.4 STA 51+20, 2.0' RT INLETS 4-HM

10.2 STA 122+74, 1.5' RT INLETS 4-H

10.3 STA 50+50, 2.0' RT INLETS 4-HM

10.1 STA 32+00, 2.0' LT INLETS 4-HM

10.0 STA 221+80, 17.5' LT INLETS 4-H

EW10.0 STA 222+97, 33.5' LT APRON ENDWALLS FOR CULVERT PIPE SLOPED SIDE DRAINS STEEL 24-INCH 6 TO 1

CENTURYLINK UNDERGROUND TELEPHONE

MG&E UNDERGROUND GAS

CENTURYLINK UNDERGROUND FIBER

MEDIUM RIPRAP

"51+00'SW"

"23+00'C"

"22+00'C"

"32+00'NW"

"21+00'C"

"41+00'NE"

"42+00'NE"

"64+00'SE"

STA 63+50, 2.0' RT INLETS 2x3-HM

10.42

10.41 STA 219+20, 1.5' LT INLETS 4-H

63+00"SE"

STA 20+90, 1.7' LT INLETS 4-T

11.21

11.22 STA 21+11, 1.7' LT INLETS 4-T

222"SB"

222"NB"

224"SB"

224"NB"

226"SB"

226"NB"

STA 219+37, 86.9' RT INLETS MEDIAN 1G-MS

11.5

11.4 STA 64+18, 2.0' RT INLETS 4-HM

11.11 STA 221+62, 1.5' LT INLETS 2x3-H

STA 223+50, 18.0' RT INLETS 4-HM

11.0

11.1 STA 221+62, 17.5' RT INLETS 4-H

PIPE UNDERDRAIN (TYP.)

ALLIANT ENERGY OVERHEAD ELECTRIC

CENTURYLINK UNDERGROUND TELEPHONE

SLOPE INTERCEPT (TYP.)

MEDIUM RIPRAP

STA 20+64, 30.0' RT INLETS 4-H

11.3

11.2 STA 41+80, 2.0' LT CATCH BASINS 6-HM

EW11.0 STA 223+74, 27.0' RT APRON ENDWALLS FOR CULVERT PIPE SLOPED SIDE DRAINS STEEL 24-INCH 6 TO 1

N

PRELIMINARY AND NOT FOR BIDDING PURPOSES

1080

1070

1060

11.4 11.3 11.2 11.1 11.22 11.21 11.2 11.11 11.5 11.0 EW11.0

1075.45 1075.06 1074.72 1072.51 1074.74 1074.81 1074.72 1072.82 1072.51

1072.00

PROPOSED GROUND (TYP.)

EXISTING GROUND (TYP.)

SSPRC CLASS IV 24-INCH 122 LF @ 1.00%

1069.50 1068.84 1068.53 1068.53 1068.34 1068.34 1067.12 1064.09 1069.95 1069.75 1069.75 1069.37 1067.80 1067.61

1069.34

SSPRC CLASS IV 24-INCH 38 LF @ 0.50%

1065.00

SSPRC CLASS IV 24-INCH 62 LF @ 0.50%

SSPRC CLASS IV 24-INCH 185 LF @ 3.21%

SSPRC CLASS IV 15-INCH 38 LF @ 1.00%

SSPRC CLASS IV 15-INCH 19 LF @ 1.00%

SSPRC CLASS IV 15-INCH 20 LF @ 1.00%

SSPRC CLASS IV 18-INCH 33 LF @ 0.50%

ESTIMATED ROCK ELEVATION (TYP.)

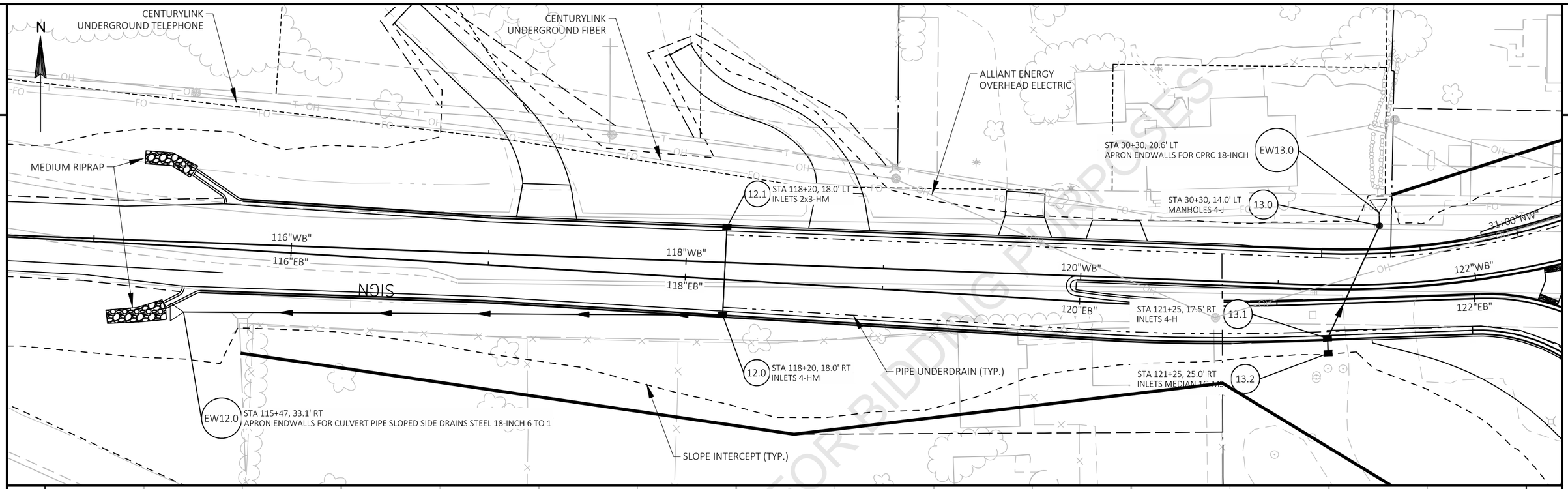
1059.05 1059.05 1058.92

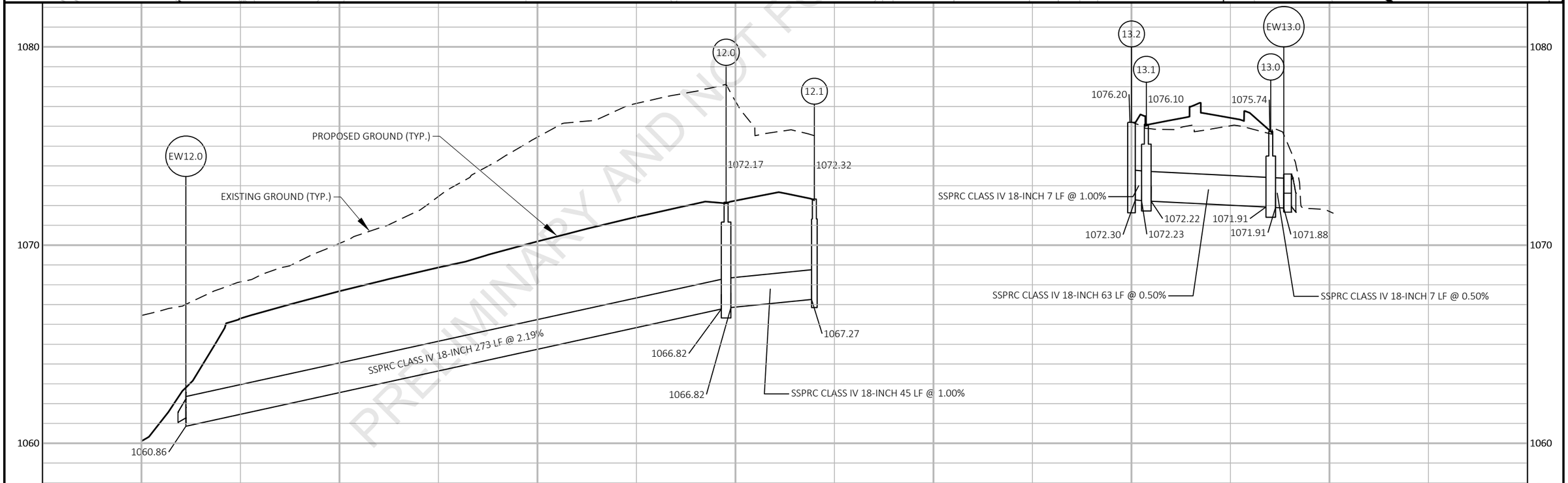
SSPRC CLASS IV 24-INCH 25 LF @ 0.50%

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	STORM SEWER	SHEET	E

FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - 11.0 Series
PLOT DATE : 4/12/2021 6:17 PM
PLOT BY : PAYNE, GREGORY A
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 44

2





PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	STORM SEWER	SHEET	E

FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - 12 & 13 Series

PLOT DATE : 4/12/2021 6:18 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON REMOVABLE TUBULAR STEEL POST(S), TOP OF BASE TO BE FLUSH WITH SURROUNDING GRADE
- TWO 18"X18" FLAGS, (INCIDENTAL TO SIGN TYPE, TYPE II, REFLECTIVE)
- I-01 — SIGN - NEW
- I-01 — SIGN - REMOVE
- I-M1 — SIGN - MOVE
- CANTILEVER SIGN STRUCTURE

N

REMOVAL PRIOR TO STAGE 2. REINSTALL AFTER STAGE 4

1-M1

NO PASSING ZONE

1-M2

ADOPT A HIGHWAY SPONSOR ARLINGTON PRAIRIE DRIFTERS

REMOVAL PRIOR TO STAGE 2. REINSTALL AFTER STAGE 4

1-M3

Arlington 2
Lodi 10
Portage 16

REMOVE STAGE 3

1-06

WEST NORTH ALTERNATE 60 51 ALTERNATE 39

REMOVE STAGE 1

1-07

NORTH WEST 51 60

REMOVE STAGE 1

1-08

STOP

REMOVE STAGE 1

STH 60

STH 60 / USH 51

JCT 22

1-01

REMOVE STAGE 1

NORTH EAST SOUTH ALTERNATE 22 60 51 ALTERNATE 39

1-02

REMOVE STAGE 4

Columbus
Wyocena
Madison

1-03

REMOVE STAGE 1

1-04

REMOVE STAGE 1

NORTH EAST 22 60

1-05

REMOVE STAGE 1

1-M4

ADOPT A HIGHWAY SPONSOR ARLINGTON PRAIRIE PRODUCERS 4-H

REMOVE STAGE 1. REINSTALL AFTER STAGE 4. SEE PERMANENT SIGN DETAILS FOR LOCATION

1-11

REMOVE STAGE 1

NORTH EAST 22 60

1-10

REMOVE STAGE 1

SOUTH ALTERNATE 51 ALTERNATE 39

1-09

REMOVE STAGE 1

REMOVE STAGE 1

1-12

REMOVE STAGE 1

1-13

25 MPH

REMOVE STAGE 1

1-14

REMOVE STAGE 1

1-15

North Leeds
UNINCORPORATED

REMOVE STAGE 1

1-16

NORTH EAST 22 60

REMOVE STAGE 1

1-17

Columbus
Wyocena

STH 60

USH 51

N

PRELIMINARY AND NOT FOR BIDDING PURPOSES

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	SIGN REMOVAL	SHEET	E

FILE NAME : N:\PDS\C3D\60200000\SHEETSPLAN\023201_PS1.DWG
LAYOUT NAME - 023201_ES1
PLOT DATE : 6/7/2021 2:45 PM
PLOT BY : PAYNE, GREGORY A
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

2

N

2-M2
MOVE STAGE 4

NO PASSING ZONE

MOVE STAGE 1
REINSTALL AFTER
STAGE 4

2-M3

MOVE STAGE 1
REINSTALL AFTER
STAGE 2 AND MOVE
AND REINSTALL
AFTER STAGE 4

2-M4

SPEED LIMIT 55

Deforest 5
Madison 13

USH 51

JCT JCT 22 60

2-01
REMOVE STAGE 1

NORTH WEST ALTERNATE INTERSTATE 51 60 39

2-02
REMOVE STAGE 3

NO PASSING ZONE

2-M1
MOVE STAGE 4

NORTH EAST 22 60

2-03
REMOVE STAGE 1

Wyocena
Portage
Lodi

2-04
REMOVE STAGE 1

N

MOVE STAGE 1
REINSTALL FOR
STAGE 2. MOVE AND
REINSTALL FOR
STAGE 4.

2-M5

SOUTH ALTERNATE INTERSTATE 51 39

2-14
REMOVE
STAGE 1

2-15
REMOVE
STAGE 3

2-16
REMOVE
STAGE 1

2-17
REMOVE
STAGE 1

DO NOT ENTER

2-18
REMOVE STAGE 1

SOUTH NORTH 51 51

NO PASSING ZONE

STOP

2-19
REMOVE STAGE 3

STOP

USH 51

2-20
REMOVE STAGE 1

51

2-21
REMOVE STAGE 1

STH 22

REMOVE STAGE 1

2-05

NORTH WEST ALTERNATE INTERSTATE 51 60 39

CEMETERY

North Leeds
UNINCORPORATED

2-06
REMOVE STAGE 1

SPEED LIMIT 45

2-07
REMOVE STAGE 1

NORTH EAST 22 60

2-08
REMOVE STAGE 1

DO NOT ENTER

2-09A

WRONG WAY

2-09B
REMOVE STAGE 1

CEMETERY

2-10
REMOVE STAGE 1

Wyocena
Columbus

2-11
REMOVE STAGE 1

SPEED LIMIT 45

2-12
REMOVE STAGE 1

2-13
REMOVE STAGE 1

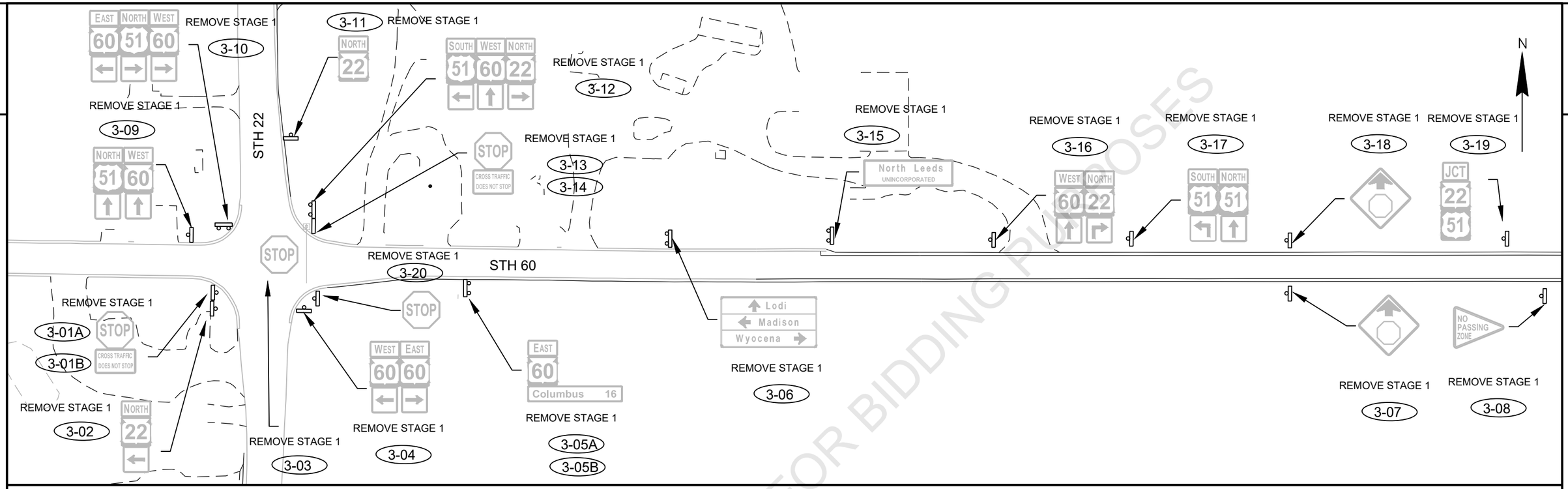
LEGEND

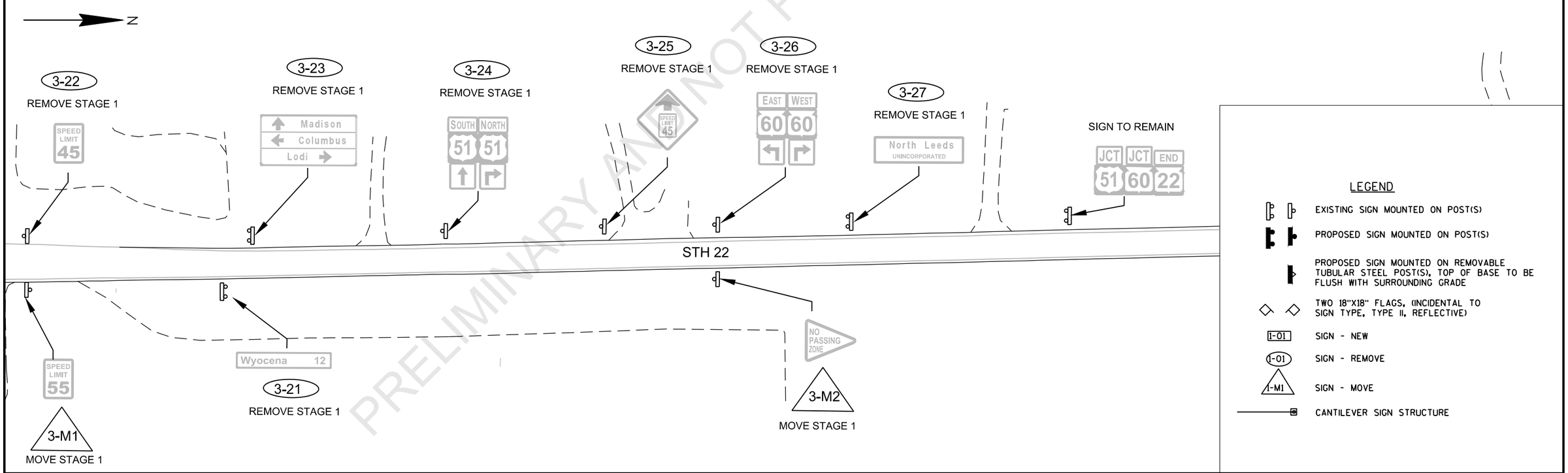
- EXISTING SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON REMOVABLE TUBULAR STEEL POST(S), TOP OF BASE TO BE FLUSH WITH SURROUNDING GRADE
- TWO 18"X18" FLAGS, (INCIDENTAL TO SIGN TYPE, TYPE II, REFLECTIVE)
- I-01 SIGN - NEW
- I-01 SIGN - REMOVE
- I-M1 SIGN - MOVE
- CANTILEVER SIGN STRUCTURE

PRELIMINARY AND NOT FOR BIDDING PURPOSES

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	SIGN REMOVAL	SHEET	E

FILE NAME : N:\PDS\C3D\60200000\SHEETSPLAN\023201_PS1.DWG
LAYOUT NAME - 023201_ES2
PLOT DATE : 6/7/2021 2:45 PM
PLOT BY : PAYNE, GREGORY A
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44





PRELIMINARY AND NOT FOR BIDDING PURPOSES

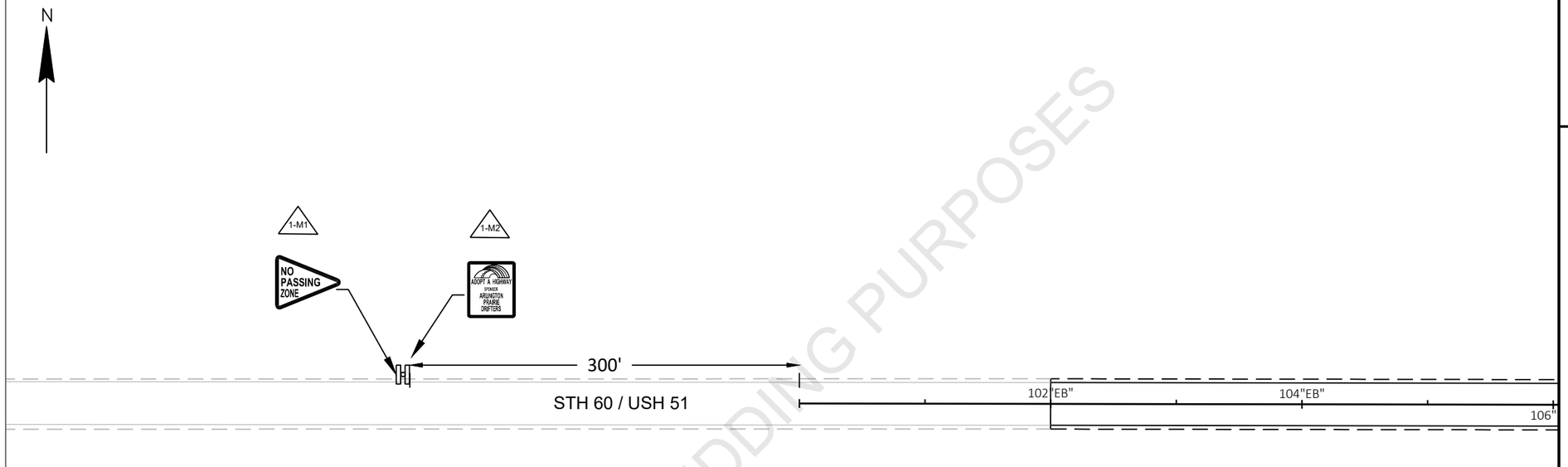
PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	SIGN REMOVAL	SHEET	E

FILE NAME : N:\PDS\C3D\60200000\SHEETSPLAN\023201_PS1.DWG
LAYOUT NAME - 023201_ES3
PLOT DATE : 6/7/2021 2:45 PM
PLOT BY : PAYNE, GREGORY A
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

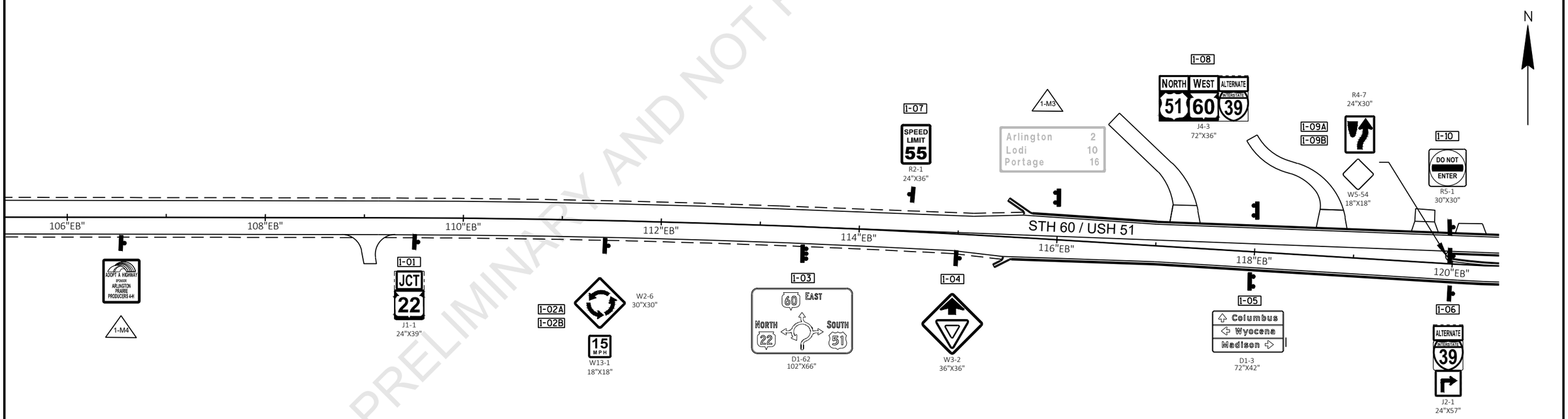
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LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON REMOVABLE TUBULAR STEEL POST(S), TOP OF BASE TO BE FLUSH WITH SURROUNDING GRADE
- TWO 18"X18" FLAGS, (INCIDENTAL TO SIGN TYPE, TYPE II, REFLECTIVE)
- I-01 — SIGN - NEW
- I-01 — SIGN - REMOVE
- I-M1 — SIGN - MOVE
- CANTILEVER SIGN STRUCTURE



PRELIMINARY AND NOT FOR BIDDING PURPOSES



PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	PERMANENT SIGNING	SHEET	E

2

N

2-M2

NO PASSING ZONE

USH 51

202"NB"

204"NB"

2-M1

NO PASSING ZONE

PRELIMINARY AND NOT FOR BIDDING PURPOSES

N

2-M4

SPEED LIMIT 55

2-M3

Deforest 5
Madison 13

2-M5

SOUTH ALTERNATE 51 39

2-06

DO NOT ENTER

R5-1
36"X36"

R4-7
36"X48"

2-07A
2-07B

W5-54
18"X18"

USH 51

206"NB"

208"NB"

210"NB"

212"NB"

214"NB"

216"NB"

2-01

JCT JCT 22 60

J1-2
48"X39"

2-02A
2-02B

W2-6
30"X30"

15 MPH

W13-1
18"X18"

2-03

W3-2
36"X36"

D1-62
126"X66"

2-04

22 NORTH
NORTH 51 WEST 60 EAST 60

D1-4
72"X54"

2-05

Wyocena
Portage Ledi
Columbus

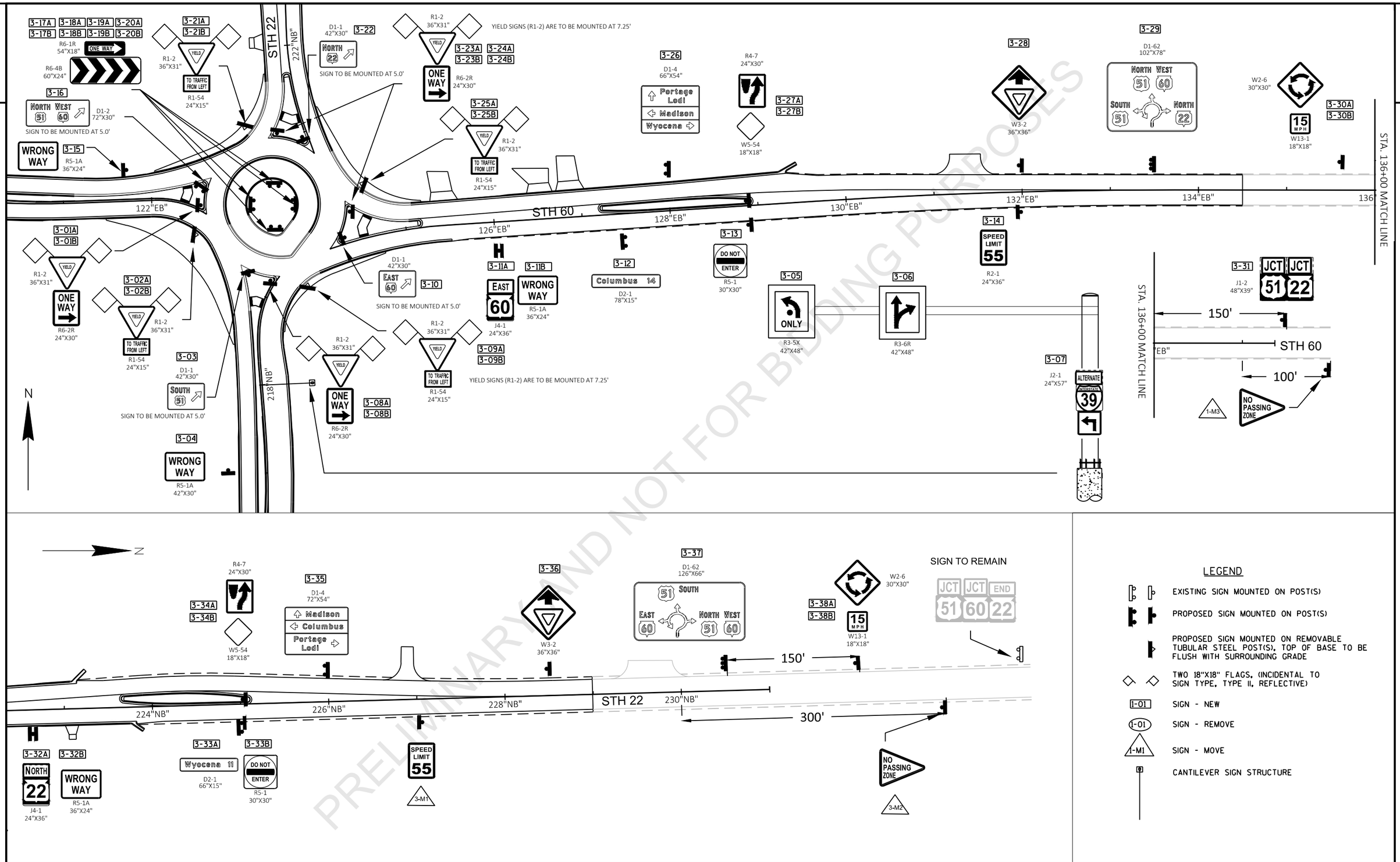
LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON REMOVABLE TUBULAR STEEL POST(S), TOP OF BASE TO BE FLUSH WITH SURROUNDING GRADE
- TWO 18"X18" FLAGS, (INCIDENTAL TO SIGN TYPE, TYPE II, REFLECTIVE)
- I-01 SIGN - NEW
- (I-01) SIGN - REMOVE
- I-M1 SIGN - MOVE
- CANTILEVER SIGN STRUCTURE

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	PERMANENT SIGNING	SHEET	E

FILE NAME : N:\PDS\C3D\60200000\SHEETSPLAN\023201_PS2.DWG
LAYOUT NAME - 023201_PS2

PLOT DATE : 6/7/2021 2:45 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:100 FT



PRELIMINARY AND NOT FOR BIDDING PURPOSES

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	PERMANENT SIGNING	SHEET	E

PRELIMINARY FOR BIDDING PURPOSES

N

STH 22

	33.10	1	2"	
B	2	#12	1	#12

5' STUB OF SCHEDULE 40 PVC CONDUIT W/END CAP (TYP)

LP-12

PB-14
BURY 2-INCH BELOW TOP OF GRADE

STA. 224+80 7' LT
LED-B-5-(T)-15-A-HL-13

	219.60	1	2"	
A	2	#12	1	#12
B	2	#12		

224"NB"

3' BEHIND FOC (TYP)

STA. 222+64 32' LT
LED-B-5-(T)-15-B-HL-14

	115.70	1	2"	
A	2	#12	1	#12
B	2	#12		

LP-13

	44.50	1	3"	
A	2	#12	1	#12
B	2	#12		
A	2	#12	1	#12
B	2	#12		

222"NB"

	29.59	1	3"	
A	2	#12	1	#12
B	2	#12		

	8.20	1	3"	
A	2	#12	1	#12
B	2	#12		

LIGHTING CABINET (CB-1) L11-1001 STA. 221+30 46' RT

ALLIANT ENERGY
OVERHEAD ELECTRIC

	11.00	1	2"	
A	2	#12	1	#12
B	2	#12		
A	2	#12	1	#12
B	2	#12		

PB-11

PB-12

PB-13

LP-14

PB-1

	8.20	1	3"	
C	2	#12	1	#12
D	2	#12		

	126.40	1	3"	
C	2	#12	1	#12
D	2	#12		

	124.60	1	2"	
C	2	#12	1	#12
D	2	#12		

	149.20	1	2"	
C	2	#12	1	#12
D	2	#12		

	148.30	1	2"	
D	2	#12	1	#12

	129.90	1	3"	
A	2	#12	1	#12
B	2	#12		

	40.70	1	3"	
A	2	#12	1	#12
B	2	#12		

	9.00	1	2"	
A	2	#12	1	#12
B	2	#12		
A	2	#12	1	#12
B	2	#12		

PB-10

STA. 221+29 10' LT
LED-B-5-(T)-15-A-HL-15

LP-11

PB-9

STA. 124+64 10.5 LT
LED-B-5-(T)-15-C-HL-4

STA. 126+12 32' LT
LED-B-5-(T)-15-D-HL-3

STA. 127+61 34.2 LT
LED-B-5-(T)-15-C-HL-2

STA. 129+10 38 LT
LED-B-5-(T)-15-D-HL-1

LP-1

LP-2

LP-3

PB-2

LP-4

PB-3

116"EB"

USH 51/STH 60

118"EB"

120"EB"

122"EB"

126"EB"

128"EB"

STH 60

130"EB"

42"NE"

64"SE"

PB-4

STA. 118+26 21' RT
LED-B-5-(T)-15-A-HL-8

LP-8

STA. 119+55 21' RT
LED-B-5-(T)-15-B-HL-9

LP-9

STA. 120+90 21' RT
LED-B-5-(T)-15-C-HL-10

LP-10

PB-8

	130.40	1	2"	
A	2	#12	1	#12

	136.80	1	2"	
A	2	#12	1	#12
B	2	#12		

	108.80	1	2"	
A	2	#12	1	#12
B	2	#12	1	#12

	57.00	1	3"	
A	2	#12	1	#12
B	2	#12		

	129.60	1	3"	
C	2	#12	1	#12
D	2	#12		

	9.00	1	2"	
C	2	#12	1	#12
D	2	#12		
C	2	#12	1	#12
D	2	#12		

	47.70	1	3"	
C	2	#12	1	#12
D	2	#12		
C	2	#12	1	#12
D	2	#12		

CENTURYLINK
UNDERGROUND TELEPHONE

	133.00	1	3"	
		1	#12	

PB-7

PB-6

LP-7

PB-5

STA. 218+82 8' LT
LED-B-5-(T)-15-D-HL-7

	41.40	1	3"	
C	2	#12	1	#12
D	2	#12		

	45.10	1	3"	
C	2	#12	1	#12
D	2	#12		
C	2	#12	1	#12
D	2	#12		

	10.00	1	2"	
D	2	#12	1	#12

	44.10	1	3"	
		1	#12	

218"NB"

27"SE"

LP-6

USH 51

CENTURYLINK
UNDERGROUND FIBER OPTIC

MG&E
UNDERGROUND GAS

	118.90	1	2"	
C	2	#12	1	#12
D	2	#12		

STA. 217+45 32' RT
LED-B-5-(T)-15-C-HL-6

	149.10	1	2"	
D	2	#12	1	#12

STA. 216+00 31' RT
LED-B-5-(T)-15-D-HL-5

LP-5

216"NB"

STA. 122+27 9.5' LT
LED-B-5-(T)-15-B-HL-11

LEGEND

- TYPE 5 POLE, 15' LUMINAIRE ARM & LUMINAIRE
- RIGID NON-METALLIC SCHEDULE 40 CONDUIT
- NON-CONDUCTIVE 24"x42" PULL BOX

CONDUCTOR LEGEND

A = BLACK
B = RED
C = BLUE
D = BROWN
240V PHASE TO PHASE

	8.20	1	3"	
A	5	#12	1	#12

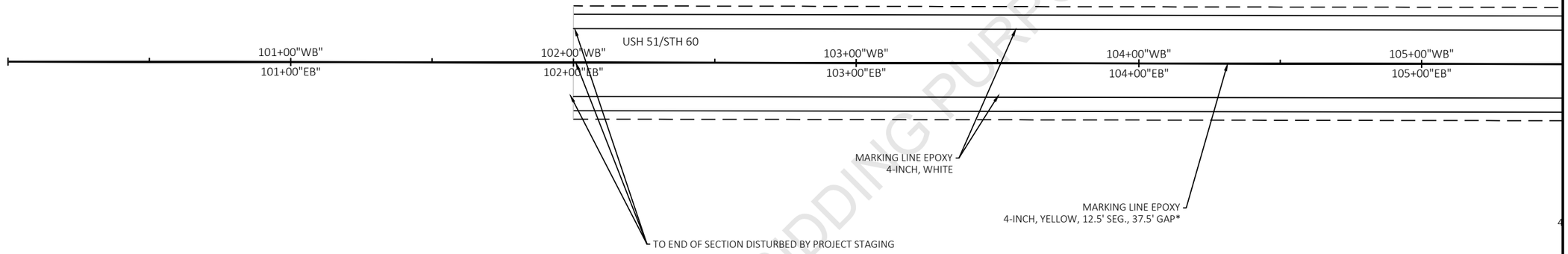
- BLANK
- LENGTH OF CONDUIT
- NUMBER OF CONDUITS
- CONDUIT SIZE
- SIZE (AWG) OF GROUND CONDUCTOR
- QTY. OF GROUND CONDUCTOR
- SIZE (AWG) OF CONDUCTORS
- QTY. OF CONDUCTORS
- CIRCUIT

STA.
LED-C-6-(T)-15-B-HL-3

- STATION
- OFFSET
- POLE NUMBER
- CABINET TYPE (HIGHWAY LIGHTING)
- CIRCUIT
- LUMINAIRE ARM LENGTH (IN FEET)
- BASE TPE (TRANSFORMER 11 1/2" BOLT CIRCLE)
- POLE TYPE
- LED CATEGORY
- LUMINAIRE TYPE (LED)

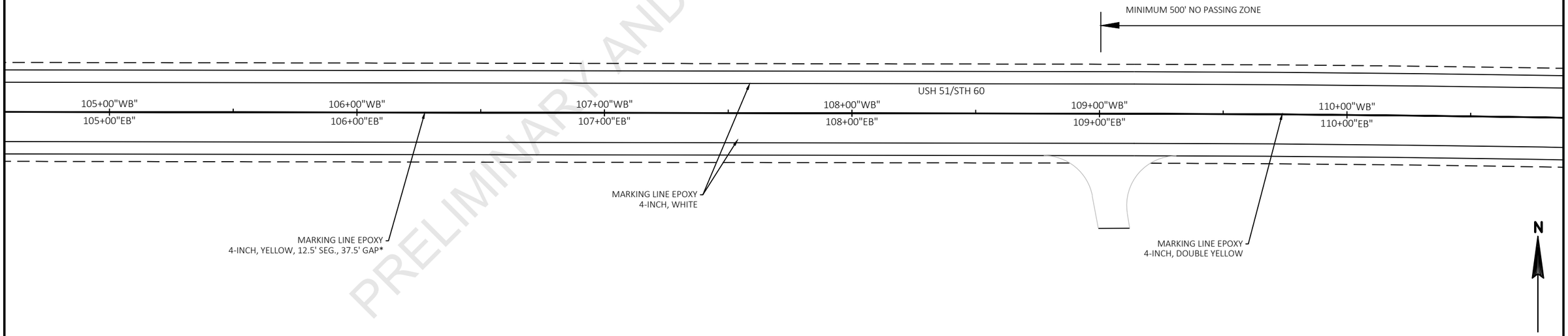
PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	LIGHTING PLAN	SHEET	E

2





*CONFIRM BY LOCATING NO PASSING ZONES

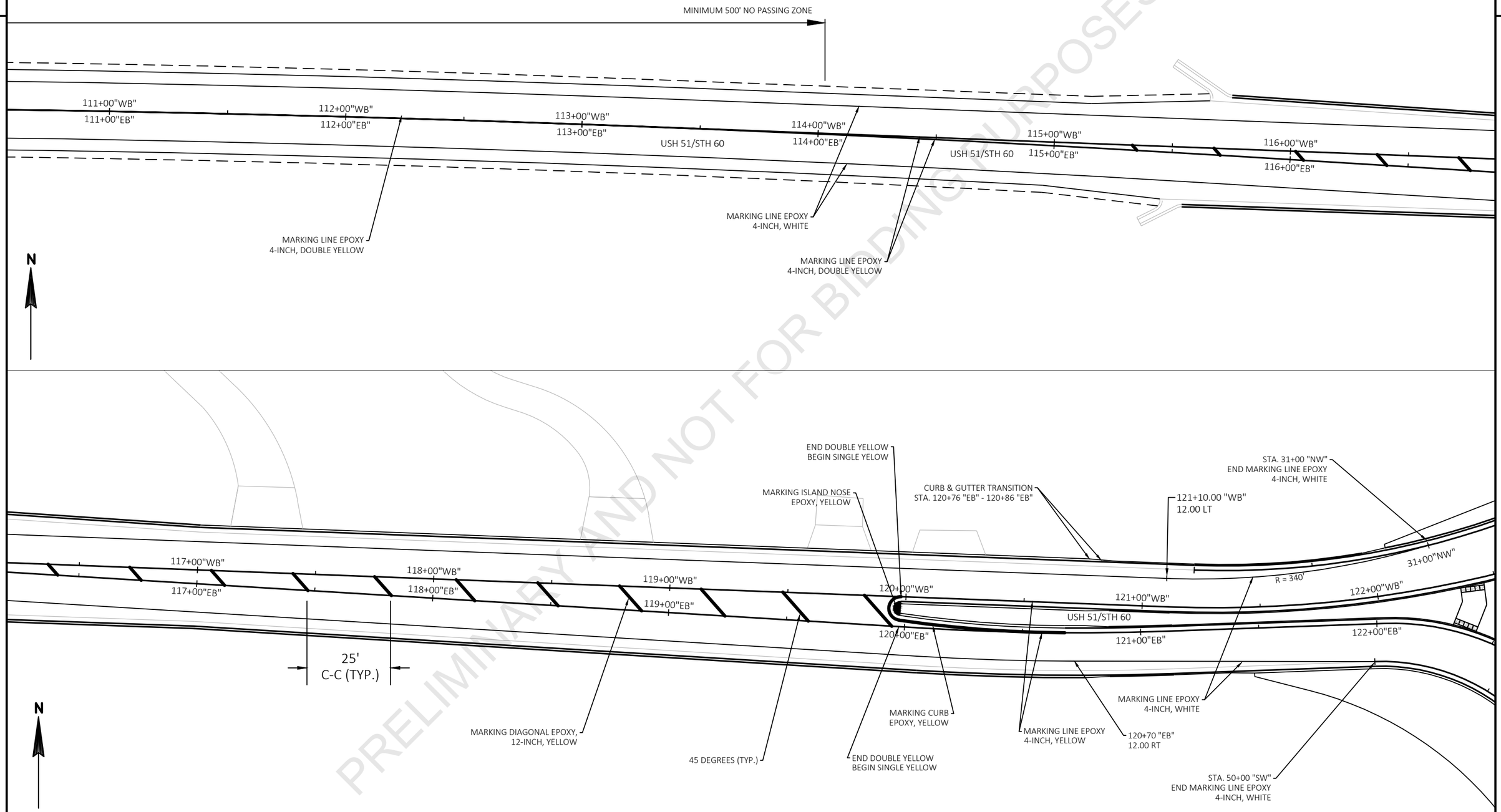


PRELIMINARY AND NOT FOR BIDDING PURPOSES

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	PAVEMENT MARKING	SHEET	E

FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\024501_PM.DWG
LAYOUT NAME - 024501_pm
PLOT DATE : 6/7/2021 3:09 PM
PLOT BY : PAYNE, GREGORY A
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

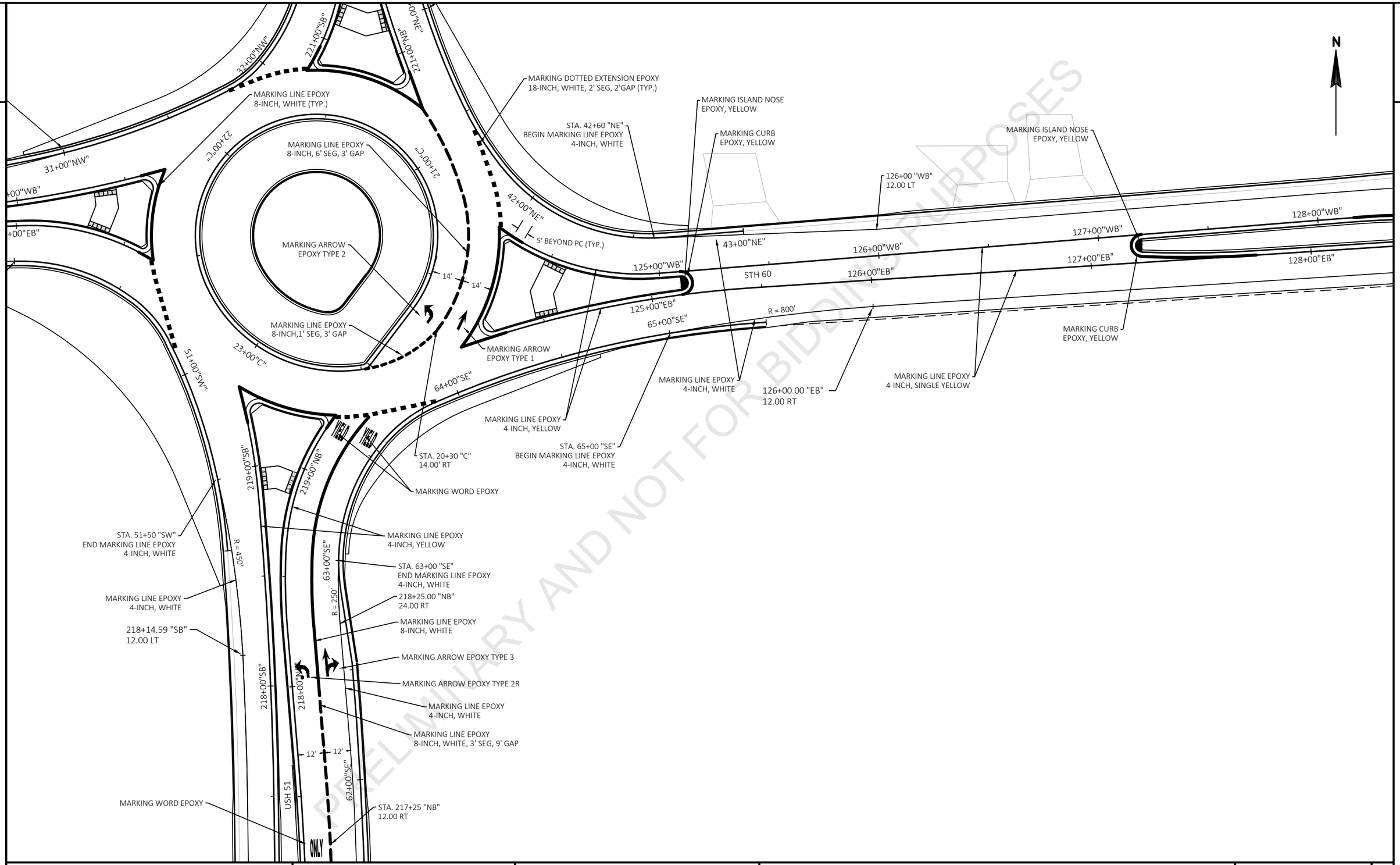


PRELIMINARY AND NOT FOR BIDDING PURPOSES

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	PAVEMENT MARKING	SHEET	E

FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\024501_PM.DWG
LAYOUT NAME - 024502_pm
PLOT DATE : 6/7/2021 3:09 PM
PLOT BY : PAYNE, GREGORY A
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

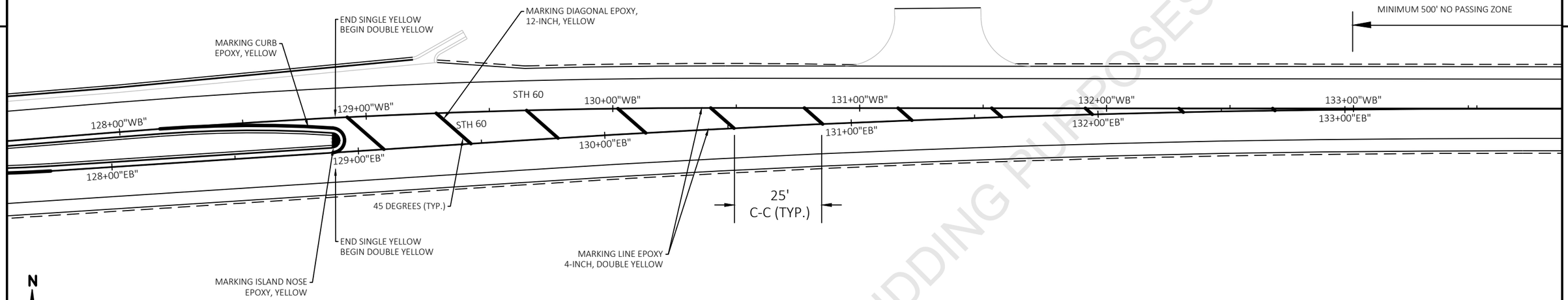
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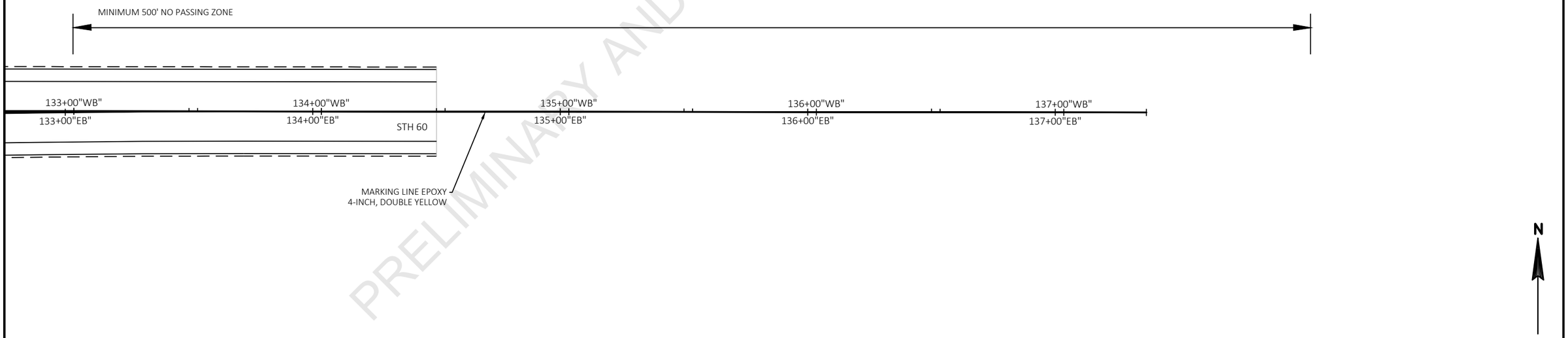


PRELIMINARY AND NOT FOR BIDDING PURPOSES

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	PAVEMENT MARKING	SHEET	E

2



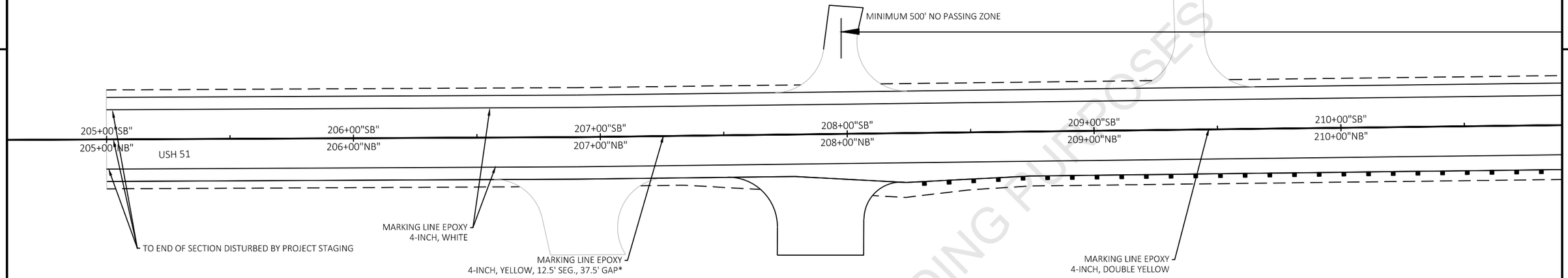


PRELIMINARY AND NOT FOR BIDDING PURPOSES

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	PAVEMENT MARKING	SHEET	E

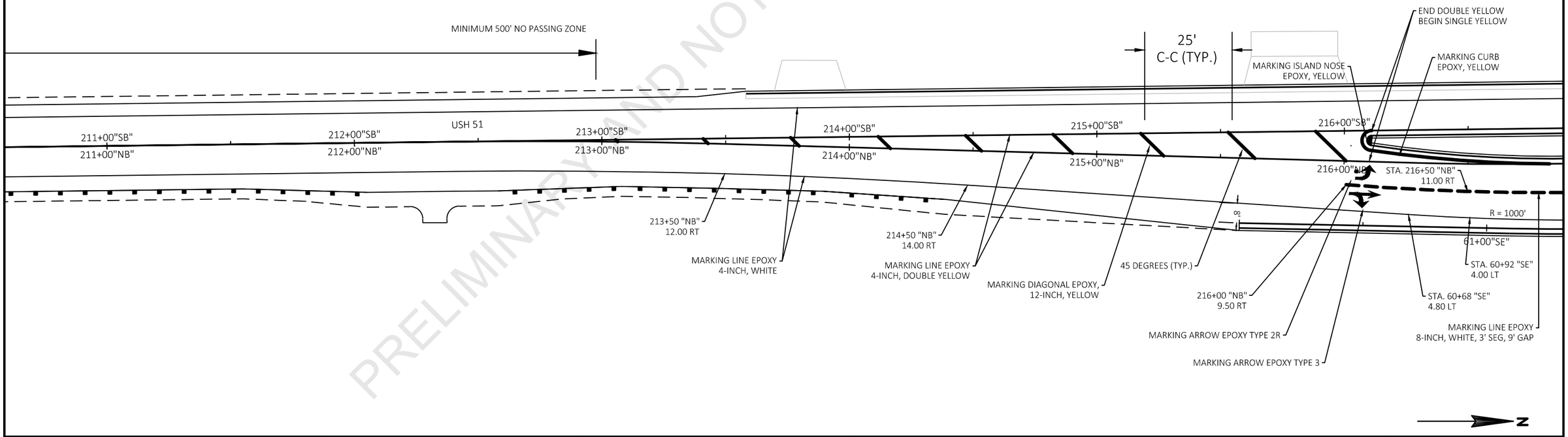
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LAYOUT NAME - 024504_pm
PLOT DATE : 6/7/2021 3:09 PM
PLOT BY : PAYNE, GREGORY A
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2



*CONFIRM BY LOCATING NO PASSING ZONES

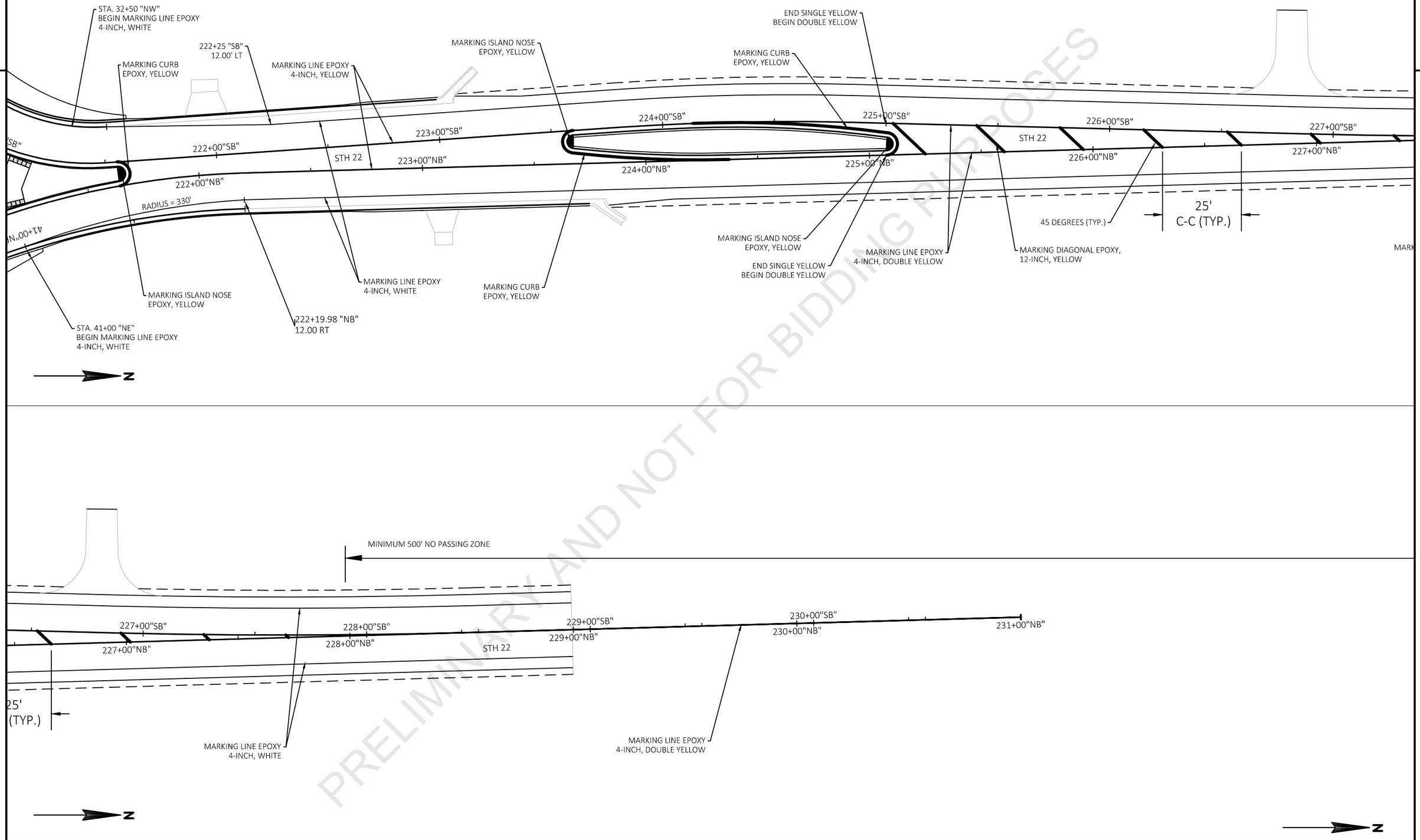
N



N

PRELIMINARY AND NOT FOR BIDDING PURPOSES

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	PAVEMENT MARKING	SHEET	E



PRELIMINARY AND NOT FOR BIDDING PURPOSES

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	PAVEMENT MARKING	SHEET	E

2

DETAIL B

DETAIL C

DETAIL A

DETAIL D

DETAIL E

DETAIL F

DETOUR STH 22 FOR STAGE 1 & 2
DETOUR STH 60 FOR STAGE 1 & 2 AND
DETOUR STH 60 EB FOR STAGE 3

LEGEND

WORK ZONE
STH 22 DETOUR ROUTE
STH 60 DETOUR ROUTE

PRELIMINARY AND NOT FOR BIDDING PURPOSES

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	DETOUR PLAN OVERVIEW SHEET	SHEET E

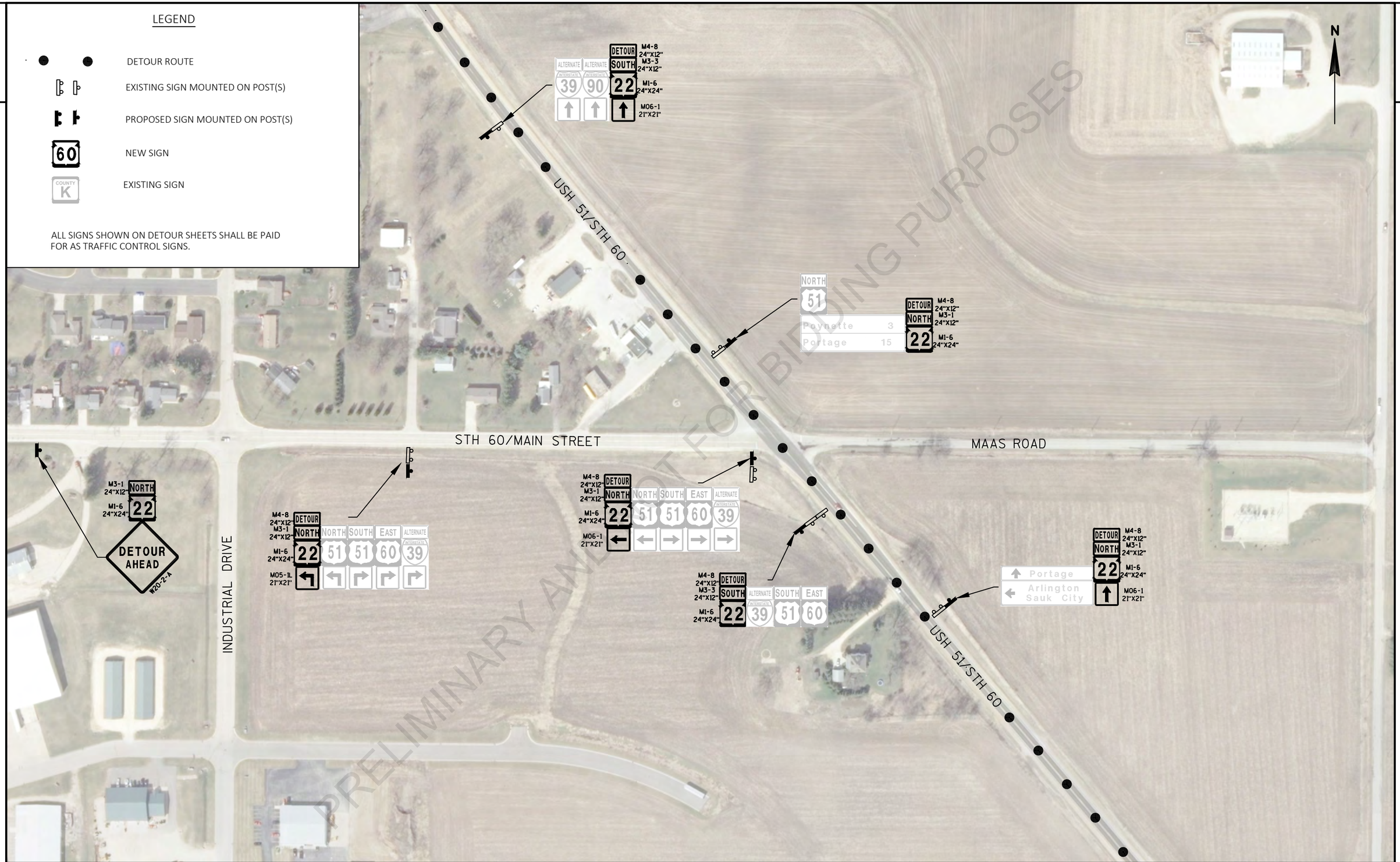
FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\027001_DT.DWG
LAYOUT NAME - ****
PLOT DATE : 6/8/2021 8:21 AM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE :

2

LEGEND

- DETOUR ROUTE
- EXISTING SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON POST(S)
- NEW SIGN
- EXISTING SIGN

ALL SIGNS SHOWN ON DETOUR SHEETS SHALL BE PAID FOR AS TRAFFIC CONTROL SIGNS.



PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	STH 22 DETOUR - DETAIL A (STAGE 1 & 2)	SHEET	E

FILE NAME : N:\PDS\C3D\60200000\SHEETSPLAN\027001_DT STAGE 1 AND 2.DWG
LAYOUT NAME - Detail A STH 22

PLOT DATE : 6/8/2021 8:11 AM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- DETOUR ROUTE
- EXISTING SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON POST(S)
- NEW SIGN
- EXISTING SIGN

ALL SIGNS SHOWN ON DETOUR SHEETS SHALL BE PAID FOR AS TRAFFIC CONTROL SIGNS.



PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	STH 22 DETOUR - DETAIL B (STAGE 1 & 2)	SHEET E

FILE NAME : N:\PDS\C3D\60200000\SHEETSPLAN\027001_DT STAGE 1 AND 2.DWG
LAYOUT NAME - Detail B STH 22

PLOT DATE : 6/8/2021 8:11 AM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- DETOUR ROUTE
- EXISTING SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON POST(S)
- NEW SIGN
- EXISTING SIGN

ALL SIGNS SHOWN ON DETOUR SHEETS SHALL BE PAID FOR AS TRAFFIC CONTROL SIGNS.



PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	STH 22 DETOUR - DETAIL C (STAGE 1 & 2)	SHEET	E

FILE NAME : N:\PDS\C3D\60200000\SHEETSPLAN\027001_DT STAGE 1 AND 2.DWG
LAYOUT NAME - Detail C STH 22

PLOT DATE : 6/8/2021 8:12 AM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:200 FT

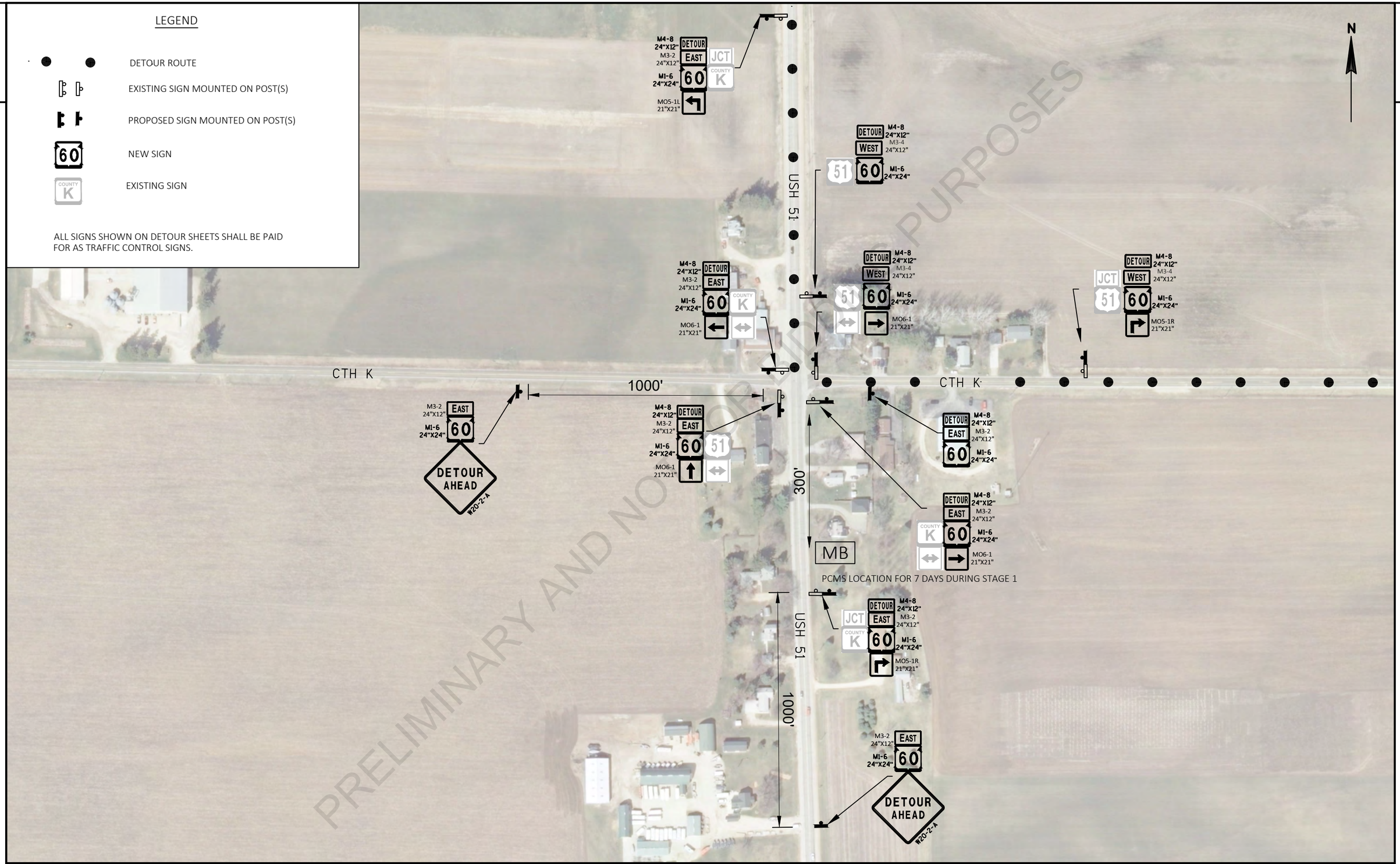
WISDOT/CADDS SHEET 42

2

LEGEND

- DETOUR ROUTE
- EXISTING SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON POST(S)
- NEW SIGN (60)
- EXISTING SIGN (COUNTY K)

ALL SIGNS SHOWN ON DETOUR SHEETS SHALL BE PAID FOR AS TRAFFIC CONTROL SIGNS.



PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	STH 60 DETOUR - DETAIL D (STAGE 1 & 2)	SHEET	E

FILE NAME : N:\PDS\C3D\60200000\SHEETSPLAN\027001_DT STAGE 1 AND 2.DWG
LAYOUT NAME - Detail D STH 60

PLOT DATE : 6/8/2021 8:12 AM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

N

M4-8 24"X12" DETOUR WEST
M3-4 24"X12"
M1-6 24"X24" 60
MO5-1R 21"X21"
JCT COUNTY K

M4-8 24"X12" DETOUR WEST
M3-4 24"X12"
M1-6 24"X24" 60
MO6-1 21"X21"

M4-8 24"X12" DETOUR WEST
M1-6 24"X24" 60

M4-8 24"X12" DETOUR EAST
M3-2 24"X12"
M1-6 24"X24" 60

CTH K

CTH K

CTH C

M4-8 24"X12" DETOUR EAST
M3-2 24"X12"
M1-6 24"X24" 60
MO5-1L 21"X21"
JCT COUNTY C

M4-8 24"X12" DETOUR EAST
M3-2 24"X12"
M1-6 24"X24" 60
MO6-1 21"X21"
COUNTY C

CTH C

PRELIMINARY AND NOT FOR BIDDING PURPOSES

LEGEND

- DETOUR ROUTE
- EXISTING SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON POST(S)
- 60 NEW SIGN
- COUNTY K EXISTING SIGN

ALL SIGNS SHOWN ON DETOUR SHEETS SHALL BE PAID FOR AS TRAFFIC CONTROL SIGNS.

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	STH 60 DETOUR - DETAIL E (STAGE 1 & 2)	SHEET	E

FILE NAME : N:\PDS\C3D\60200000\SHEETSPLAN\027001_DT STAGE 1 AND 2.DWG
LAYOUT NAME - Detail E STH 60

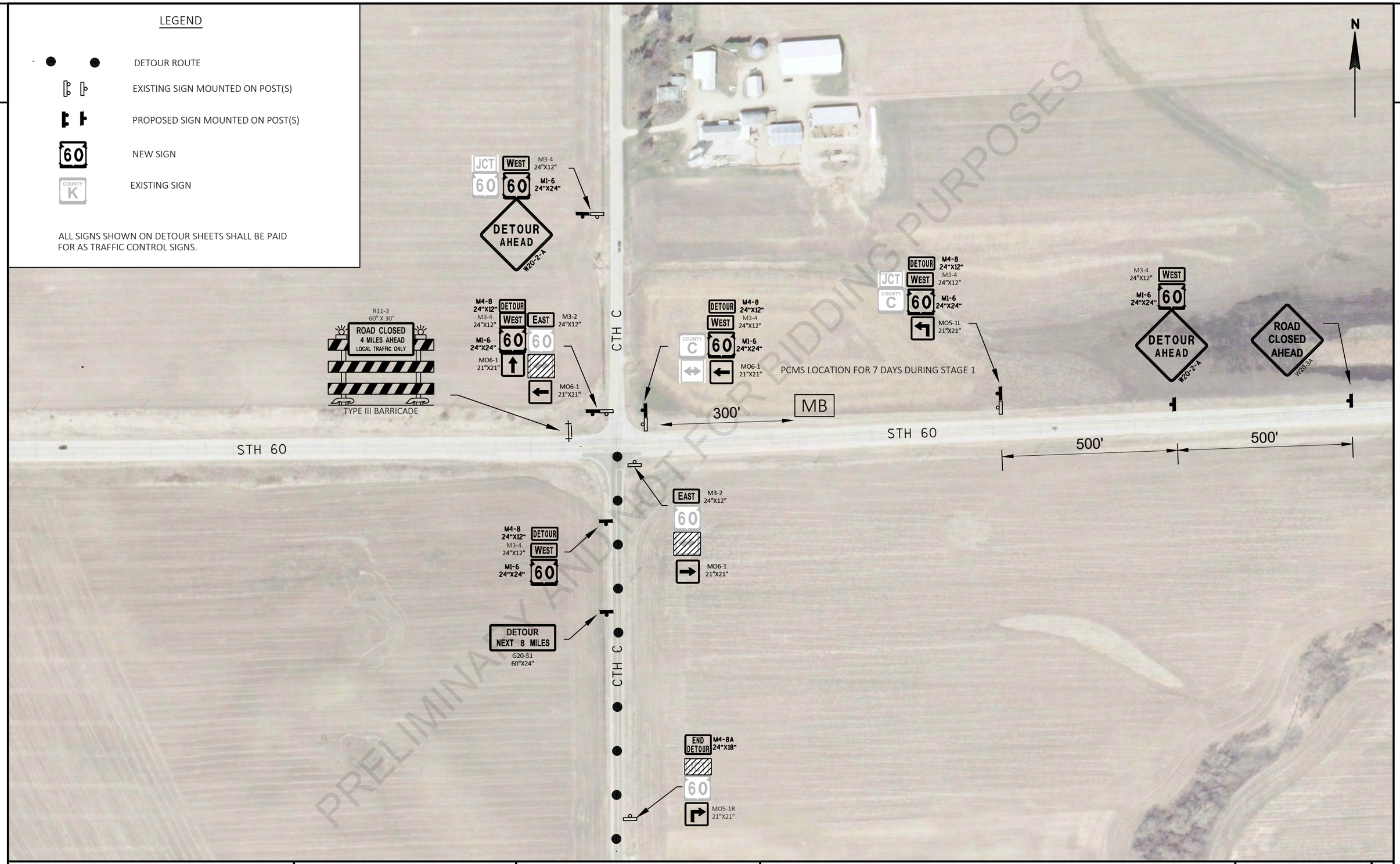
PLOT DATE : 6/8/2021 8:12 AM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

LEGEND

- DETOUR ROUTE
- EXISTING SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON POST(S)
- NEW SIGN
- EXISTING SIGN

ALL SIGNS SHOWN ON DETOUR SHEETS SHALL BE PAID FOR AS TRAFFIC CONTROL SIGNS.



PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	STH 60 DETOUR - DETAIL F (STAGE 1 & 2)	SHEET	E

FILE NAME : N:\PDS\C3D\60200000\SHEETSPLAN\027001_DT STAGE 1 AND 2.DWG
LAYOUT NAME - Detail F STH 60

PLOT DATE : 6/8/2021 8:12 AM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- DETOUR ROUTE
- EXISTING SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON POST(S)
- NEW SIGN
- EXISTING SIGN

ALL SIGNS SHOWN ON DETOUR SHEETS SHALL BE PAID FOR AS TRAFFIC CONTROL SIGNS.



2

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	STH 60 DETOUR - DETAIL D (STAGE 3)	SHEET	E

FILE NAME : N:\PDS\C3D\60200000\SHEETSPLAN\027001_DT STAGE 3.DWG
LAYOUT NAME - Detail D STH 60

PLOT DATE : 4/8/2021 9:44 AM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

N

CTH C

CTH K

CTH K

CTH C

M4-8 24"X12" DETOUR EAST
M3-2 24"X12"
M1-6 24"X24" 60
MO5-1L 21"X21"
JCT COUNTY C

M4-8 24"X12" DETOUR EAST
M3-2 24"X12"
M1-6 24"X24" 60
MO6-1 21"X21"
COUNTY C

M4-8 24"X12" DETOUR EAST
M3-2 24"X12"
M1-6 24"X24" 60

PRELIMINARY AND NOT FOR BIDDING PURPOSES

LEGEND

- DETOUR ROUTE
- EXISTING SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON POST(S)
- 60 NEW SIGN
- COUNTY K EXISTING SIGN

ALL SIGNS SHOWN ON DETOUR SHEETS SHALL BE PAID FOR AS TRAFFIC CONTROL SIGNS.

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	STH 60 DETOUR - DETAIL E (STAGE 3)	SHEET	E

FILE NAME : N:\PDS\C3D\60200000\SHEETSPLAN\027001_DT STAGE 3.DWG
LAYOUT NAME - Detail E STH 60

PLOT DATE : 4/8/2021 9:44 AM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

LEGEND

- DETOUR ROUTE
- EXISTING SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON POST(S)
- NEW SIGN
- EXISTING SIGN

ALL SIGNS SHOWN ON DETOUR SHEETS SHALL BE PAID FOR AS TRAFFIC CONTROL SIGNS.



PRELIMINARY AND NOT FOR BIDDING PURPOSES

2

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	STH 60 DETOUR - DETAIL F (STAGE 3)	SHEET	E

FILE NAME : N:\PDS\C3D\60200000\SHEETSPLAN\027001_DT STAGE 3.DWG
LAYOUT NAME - Detail F STH 60
PLOT DATE : 4/8/2021 9:44 AM
PLOT BY : PAYNE, GREGORY A
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 42

GENERAL NOTES FOR TRAFFIC CONTROL

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

2) CONFLICTING TRAFFIC SIGNS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER.

3) A FLAGGER MAY BE REQUIRED WHERE CONSTRUCTION VEHICLES ENTER OR LEAVE WORK AREAS IF WARRANTED BY CONDITIONS OR AS DIRECTED BY THE ENGINEER.

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

5) FOR NIGHTTIME OPERATION, ALL DRUMS IN TAPERS SHALL HAVE A TYPE "C" WARNING LIGHT.

6) ALL TYPE III BARRICADES WITH SIGNS SHALL BE 8' WIDE, UNLESS OTHERWISE NOTED, AND EQUIPPED WITH TWO TYPE "A" (LOW INTENSITY FLASHING) LIGHTS.

7) ALL TEMPORARY PAVEMENT SHALL CONSIST OF 4 INCHES OF ASPHALTIC SURFACE TEMPORARY, OVER 6 INCHES OF BASE AGGREGATE DENSE OVER 12 INCHES OF SELECT CRUSH UNLESS APPROVED BY ENGINEER.

8) ALL TEMPORARY PAVEMENT MARKINGS ON PERMANENT PAVEMENT SHALL BE REMOVABLE TAPE.

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

10) BARRICADE STRIPES ARE TO BE SLOPED DOWNWARD IN THE DIRECTION OF TRAFFIC FLOW.

11) ALL TRAFFIC CONTROL DRUMS ARE SPACED AT 50-FEET UNLESS OTHERWISE NOTED.

12) BEGIN EACH STAGE BY COMPLETING PAVEMENT MARKING AND SIGNAGE FIRST.

13) FOR SIGNS MOUNTED ON PORTABLE SIGN SUPPORTS, USE SUPPORTS THAT PROVIDE A MINIMUM OF 5 FEET FROM THE BOTTOM OF THE SIGN TO THE ADJACENT PAVEMENT.

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- DIRECTION OF TRAFFIC
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- A — TYPE A WARNING LIGHT (FLASHING)



FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF

REMOVE PAVEMENT MARKING

SAW CUT

WORK ZONE PAVEMENT MARKINGS

- DY — CONTINUOUS DOUBLE YELLOW, 4-INCH
- Y — CONTINUOUS YELLOW, 4-INCH
- W — CONTINUOUS WHITE, 4-INCH

TPM TEMPORARY MARKING LINE PAINT

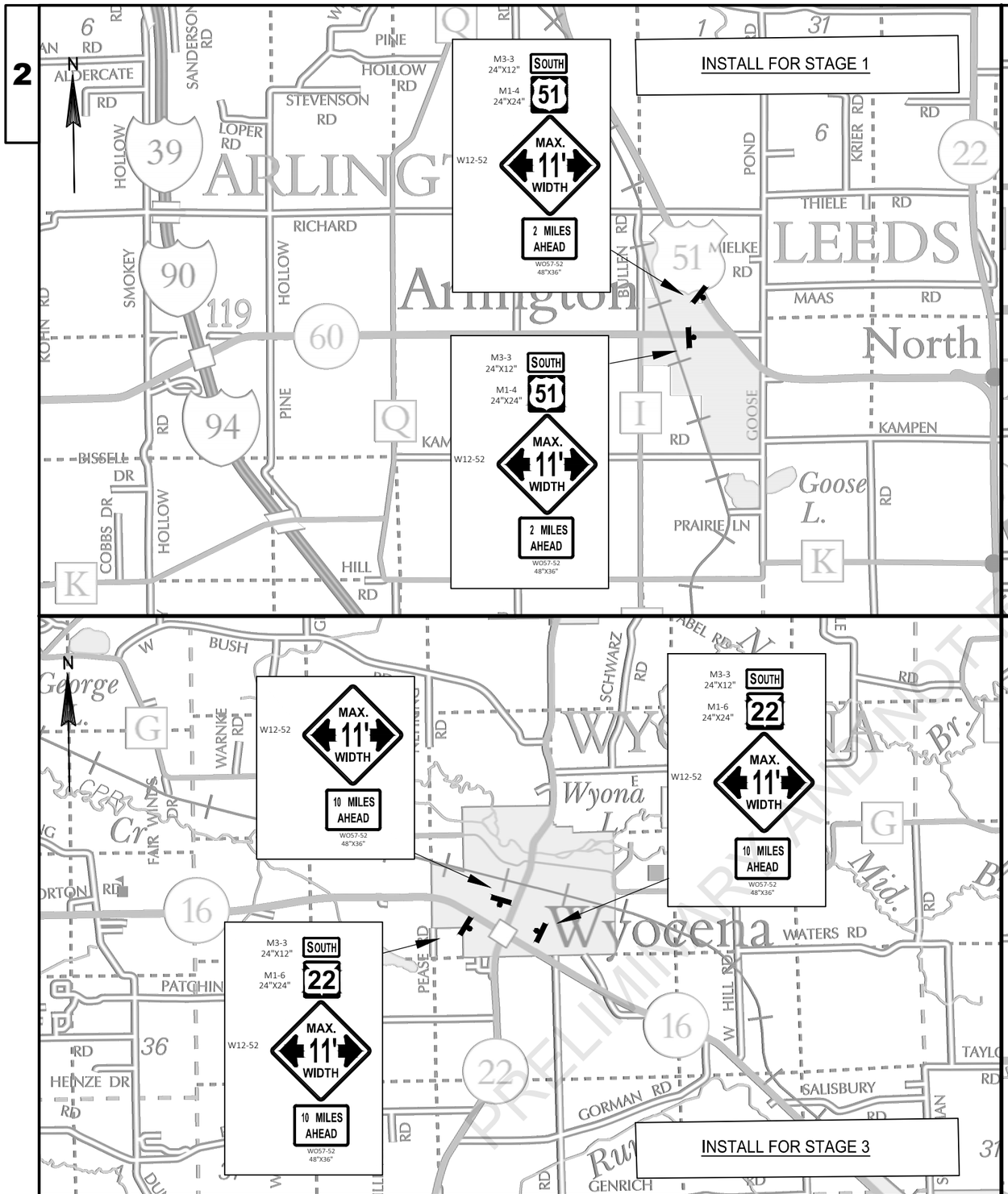
TPMRT TEMPORARY MARKING LINE REMOVABLE TAPE

SEE DETOUR AND TRAFFIC CONTROL SHEETS FOR PCMS LOCATION

PCMS MESSAGES

	USH 51/STH 60 EB		USH 51 NB		STH 60 WB		STH 22 SB	
STAGE	PHASE 1 (2 SEC.)	PHASE 2 (2 SEC.)	PHASE 1 (2 SEC.)	PHASE 2 (2 SEC.)	PHASE 1 (2 SEC.)	PHASE 2 (2 SEC.)	PHASE 1 (2 SEC.)	PHASE 2 (2 SEC.)
7 DAYS PRIOR TO STAGE 1	ROAD WORK BEGINS	DAY: XXX DATE: XX/XX	ROAD WORK BEGINS	DAY: XXX DATE: XX/XX	ROAD WORK BEGINS	DAY: XXX DATE: XX/XX	ROAD WORK BEGINS	DAY: XXX DATE: XX/XX
FIRST 7 DAYS DURING STAGE 1	--	--	ROAD CLOSED AHEAD	FOLLOW DETOUR	ROAD CLOSED AHEAD	FOLLOW DETOUR	ROAD CLOSED AHEAD	FOLLOW DETOUR
FIRST 7 DAYS DURING STAGE 3	--	--	NEW TRAFFIC PATTERN	ROUND-ABOUT AHEAD	NEW TRAFFIC PATTERN	ROUND-ABOUT AHEAD	NEW TRAFFIC PATTERN	ROUND-ABOUT AHEAD
FIRST 7 DAYS DURING STAGE 4	NEW TRAFFIC PATTERN	ROUND-ABOUT AHEAD	--	--	--	--	--	--

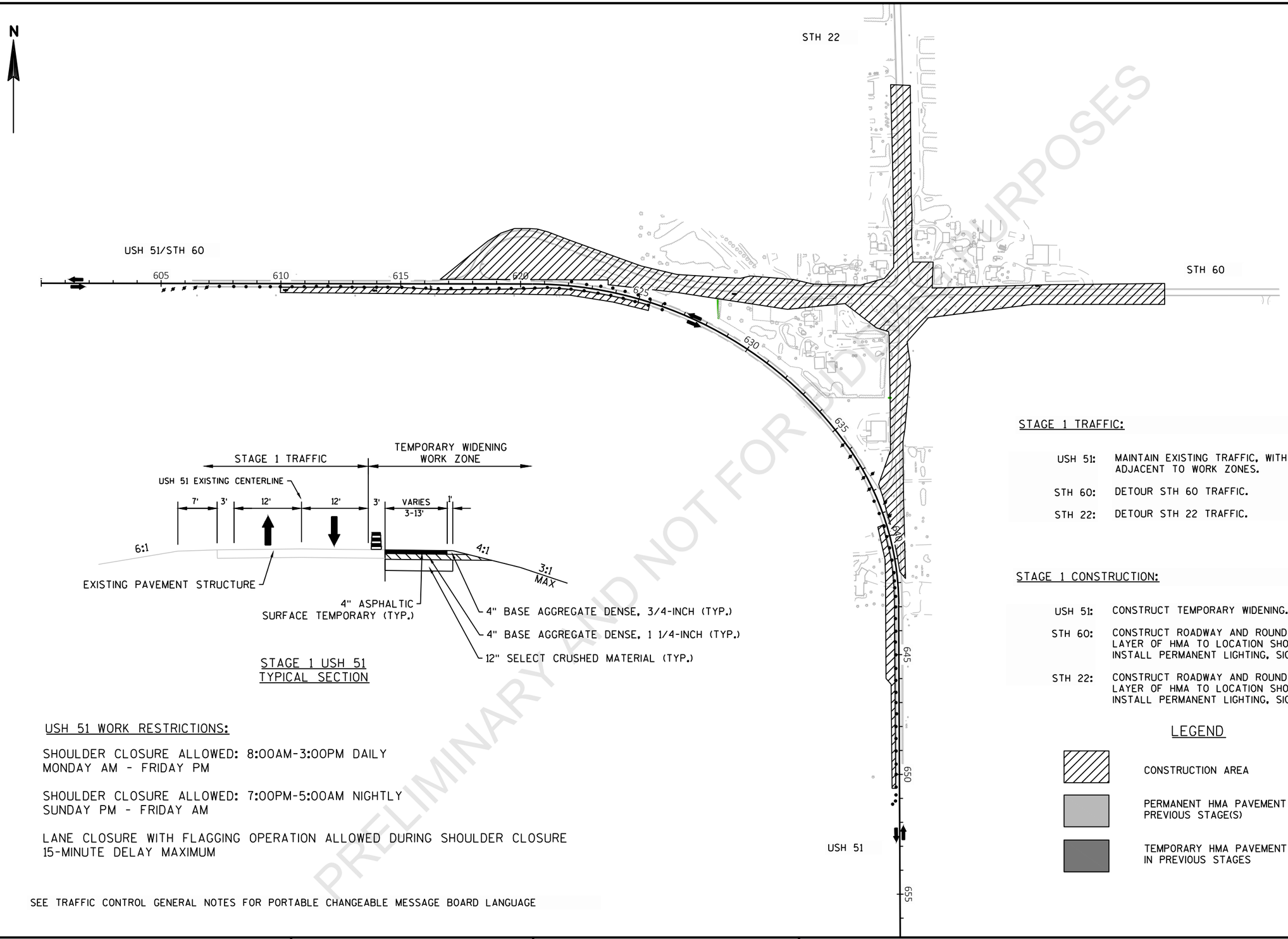
PRELIMINARY AND NOT FOR BIDDING PURPOSES



PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	TRAFFIC CONTROL - ADVANCE SIGNING	SHEET	E

FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\023301_AW.DWG
LAYOUT NAME - ****
PLOT DATE : 6/8/2021 8:28 AM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE :

2



STAGE 1 USH 51
TYPICAL SECTION

USH 51 WORK RESTRICTIONS:

SHOULDER CLOSURE ALLOWED: 8:00AM-3:00PM DAILY
MONDAY AM - FRIDAY PM

SHOULDER CLOSURE ALLOWED: 7:00PM-5:00AM NIGHTLY
SUNDAY PM - FRIDAY AM

LANE CLOSURE WITH FLAGGING OPERATION ALLOWED DURING SHOULDER CLOSURE
15-MINUTE DELAY MAXIMUM

SEE TRAFFIC CONTROL GENERAL NOTES FOR PORTABLE CHANGEABLE MESSAGE BOARD LANGUAGE

STAGE 1 TRAFFIC:

USH 51: MAINTAIN EXISTING TRAFFIC, WITH CLOSED RIGHT SHOULDER ADJACENT TO WORK ZONES.

STH 60: DETOUR STH 60 TRAFFIC.

STH 22: DETOUR STH 22 TRAFFIC.

STAGE 1 CONSTRUCTION:

USH 51: CONSTRUCT TEMPORARY WIDENING.

STH 60: CONSTRUCT ROADWAY AND ROUNDABOUT. CONSTRUCT UPPER LAYER OF HMA TO LOCATION SHOWN IN STAGING PLAN. INSTALL PERMANENT LIGHTING, SIGNAGE AND MARKING.

STH 22: CONSTRUCT ROADWAY AND ROUNDABOUT. CONSTRUCT UPPER LAYER OF HMA TO LOCATION SHOWN IN STAGING PLAN. INSTALL PERMANENT LIGHTING, SIGNAGE AND MARKING.

LEGEND

CONSTRUCTION AREA

PERMANENT HMA PAVEMENT PLACED IN PREVIOUS STAGE(S)

TEMPORARY HMA PAVEMENT PLACED IN IN PREVIOUS STAGES

PRELIMINARY AND NOT FOR BIDDING PURPOSES

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	TRAFFIC CONTROL - STAGE 1 OVERVIEW	SHEET	E

2

N

END ROAD WORK
G20-2A
48"X24"

STH 60 / USH 51

602 604 606 608 610 612

500' 500' 500'

MB

ROAD WORK AHEAD
W20-1-A

MAX. 11' WIDTH
W12-52

ROAD WORK 1000 FT
W20-1-C

SHOULDER WORK
W21-5

EAST 60
M3-2 24"X12"
M1-6 24"X24"
ROAD CLOSED AHEAD
W20-3A

EAST 60
M3-2 24"X12"
M1-6 24"X24"
DETOUR AHEAD
W20-2-A

DETOUR NEXT 10 MILES
G20-51
60"X24"

M4-8A 24"X18"
M4-8 24"X12"
END DETOUR
DETOUR
EAST SOUTH ALTERNATE
22 60 51 39
INTERSTATE
M06-1
21"X21"

PCMS LOCATION FOR 7 DAYS PRIOR TO STAGE 1

SEE TRAFFIC CONTROL GENERAL NOTES FOR ADDITIONAL SYMBOLS AND ABBREVIATIONS

* SIGN PLACED IN PREVIOUS STAGE

2-INCH 2-FOOT WIDE MILL & OVERLAY (4 MT 58-28 H)
SHOULDER RUMBLE STRIPS FROM STATION 610+00 - 615+00

N

2-INCH 2-FOOT WIDE MILL & OVERLAY (4 MT 58-28 H)
SHOULDER RUMBLE STRIPS FROM STATION 612+50 - 615+00

R11-4
60" X 30"
ROAD CLOSED TO THRU TRAFFIC
TYPE III BARRICADE

M4-8 24"X12"
DETOUR
NORTH
22
M3-1 24"X12"
M1-6 24"X24"

R3-1
24"X24"

614 616 618 620 622 624 626 628

USH 51

R3-2
24"X24"

SAWCUT REQUIRED (TYP.)

MILL 2-INCH DISTRESSED LOCATIONS OF PAVEMENT AS DIRECTED BY ENGINEER

M4-8 24"X12"
DETOUR
EAST SOUTH ALTERNATE
60 51 39
M3-2 24"X12"
M1-6 24"X24"
M3-3 24"X12"
MB4-1 24"X12"
INTERSTATE
M1-4 24"X24"
M1-1 24"X24"

PRELIMINARY - NOT FOR BIDDING PURPOSES

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	TRAFFIC CONTROL - STAGE 1 (USH 51)	SHEET E

FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\025001_TC STAGE 1.DWG
LAYOUT NAME - 025001_tc Stage 1 A

PLOT DATE : 6/8/2021 9:35 AM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

N

R11-4
60" X 30"
ROAD CLOSED TO THRU TRAFFIC
TYPE III BARRICADE

M4-8 24"X12"
DETOUR
NORTH
M1-3 24"X12"
M1-6 24"X24"
22
M06-2 21"X21"

M3-4 24"X12"
M3-1 24"X12"
M1-6 24"X24"
M4-1 24"X12"
NORTH
WEST
ALTERNATE
M1-4 24"X24"
51
60
INTERSTATE
39
M1-1 24"X24"
M06-2 21"X21"
M06-2 21"X21"
M06-2 21"X21"

SHOULDER WORK
W21-5

USH 51

636
638
640
642
644
646
648
650

SAWCUT REQUIRED (TYP.)

MILL 2-INCH DISTRESSED LOCATIONS OF PAVEMENT AS DIRECTED BY ENGINEER

SEE TRAFFIC CONTROL GENERAL NOTES FOR ADDITIONAL SYMBOLS AND ABBREVIATIONS

* SIGN PLACED IN PREVIOUS STAGE

PRELIMINARY AND NOT FOR BIDDING PURPOSES

N

KAMPEN RD

NORTH M1-3 24"X12"
22 M1-6 24"X24"
DETOUR AHEAD W20-2-A

NORTH M1-3 24"X12"
22 M1-6 24"X24"
ROAD CLOSED AHEAD W20-3A

ROAD WORK 1000 FT W20-1-C
MAX. 11' WIDTH W12-52
ROAD WORK AHEAD W20-1-A
500'
500'

PCMS LOCATION 7 DAYS PRIOR TO STAGE 1 BEGINNING

MB

650
652
654
656
658
660

USH 51

END ROAD WORK G20-2A 48"X24"

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	TRAFFIC CONTROL - STAGE 1 (USH 51)	SHEET	E

FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\025001_TC STAGE 1.DWG
LAYOUT NAME - 025001_tc Stage 1 B

PLOT DATE : 6/8/2021 9:35 AM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

N

PCMS LOCATION 7 DAYS PRIOR TO STAGE 1 BEGINNING

MB

R11-4
60" X 30"
ROAD CLOSED TO THRU TRAFFIC
TYPE III BARRICADE

500'

ROAD CLOSED 500 FT
W20-3D

500'

ROAD CLOSED 1000 FT
W20-2C

STH 60

END OF STH 60 CONSTRUCTION LIMITS

SEE TRAFFIC CONTROL GENERAL NOTES FOR ADDITIONAL SYMBOLS AND ABBREVIATIONS

* SIGN PLACED IN PREVIOUS STAGE

PRELIMINARY AND NOT FOR BIDDING PURPOSES

N

R11-4
60" X 30"
ROAD CLOSED TO THRU TRAFFIC
TYPE III BARRICADE

ROAD CLOSED AHEAD
W20-3A

500'

STH 60

HARVEY RD

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	TRAFFIC CONTROL - STAGE 1 (STH 60)	SHEET	E

FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\025001_TC STAGE 1.DWG
LAYOUT NAME - 025001_tc Stage 1 C
PLOT DATE : 6/8/2021 9:35 AM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

N

500'

500'

STH 22

ROAD CLOSED 1000 FT
W20-3C

ROAD CLOSED 500 FT
W20-3D

END OF STH 22 CONSTRUCTION LIMITS

R11-4
60" X 30"
ROAD CLOSED TO THRU TRAFFIC
TYPE III BARRICADE

MB

PCMS LOCATION 7 DAYS PRIOR TO STAGE 1 BEGINNING

SEE TRAFFIC CONTROL GENERAL NOTES FOR ADDITIONAL SYMBOLS AND ABBREVIATIONS

* SIGN PLACED IN PREVIOUS STAGE

PRELIMINARY AND NOT FOR BIDDING PURPOSES

N

PRIEM RD

500'

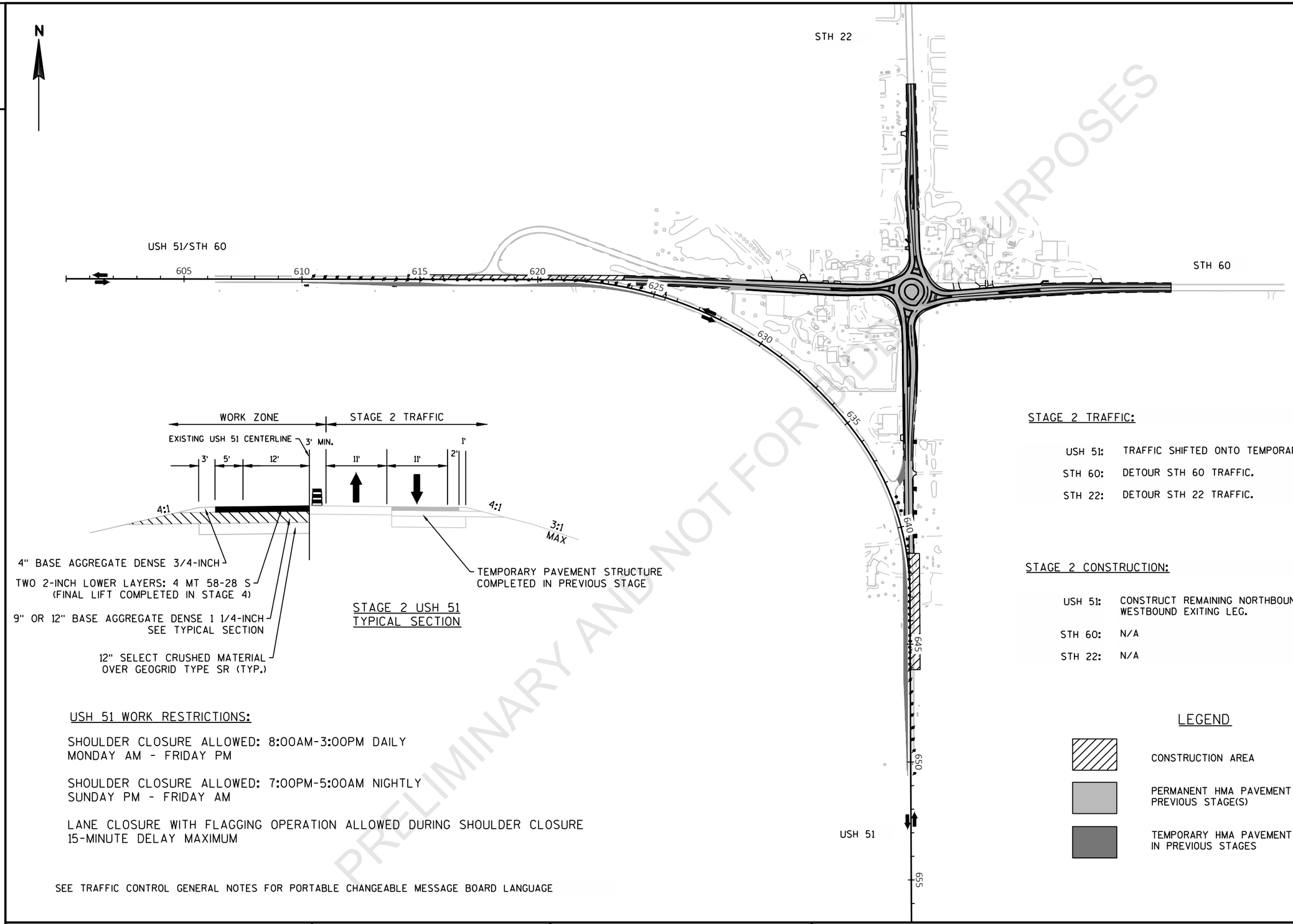
STH 22

ROAD CLOSED AHEAD
W20-3A

R11-4
60" X 30"
ROAD CLOSED TO THRU TRAFFIC
TYPE III BARRICADE

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	TRAFFIC CONTROL - STAGE 1 (STH 22)	SHEET	E

FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\025001_TC STAGE 1.DWG
LAYOUT NAME - 025001_tc Stage 1 D
PLOT DATE : 6/8/2021 9:35 AM
PLOT BY : PAYNE, GREGORY A
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42



STAGE 2 USH 51
TYPICAL SECTION

USH 51 WORK RESTRICTIONS:

SHOULDER CLOSURE ALLOWED: 8:00AM-3:00PM DAILY
MONDAY AM - FRIDAY PM

SHOULDER CLOSURE ALLOWED: 7:00PM-5:00AM NIGHTLY
SUNDAY PM - FRIDAY AM

LANE CLOSURE WITH FLAGGING OPERATION ALLOWED DURING SHOULDER CLOSURE
15-MINUTE DELAY MAXIMUM

SEE TRAFFIC CONTROL GENERAL NOTES FOR PORTABLE CHANGEABLE MESSAGE BOARD LANGUAGE

STAGE 2 TRAFFIC:

USH 51:	TRAFFIC SHIFTED ONTO TEMPORARY PAVEMENT.
STH 60:	DETOUR STH 60 TRAFFIC.
STH 22:	DETOUR STH 22 TRAFFIC.

STAGE 2 CONSTRUCTION:

USH 51:	CONSTRUCT REMAINING NORTHBOUND APPROACH LEG AND WESTBOUND EXITING LEG.
STH 60:	N/A
STH 22:	N/A

LEGEND

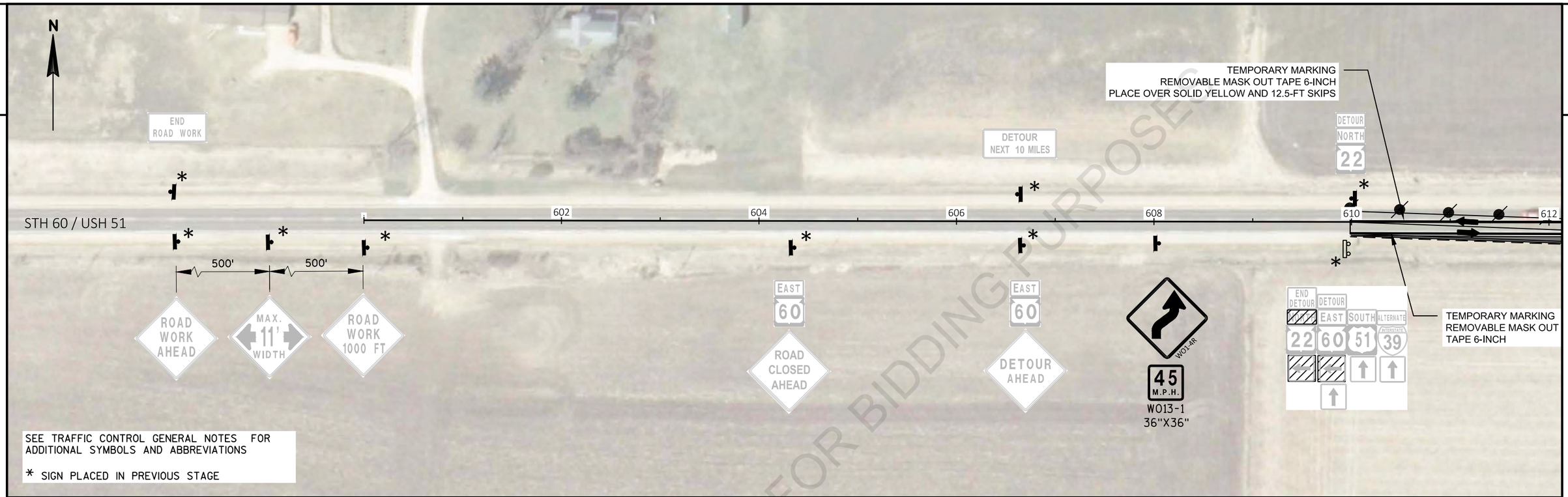
- CONSTRUCTION AREA
- PERMANENT HMA PAVEMENT PLACED IN PREVIOUS STAGE(S)
- TEMPORARY HMA PAVEMENT PLACED IN IN PREVIOUS STAGES

PRELIMINARY AND NOT FOR BIDDING PURPOSES

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	TRAFFIC CONTROL - STAGE 2 OVERVIEW	SHEET E

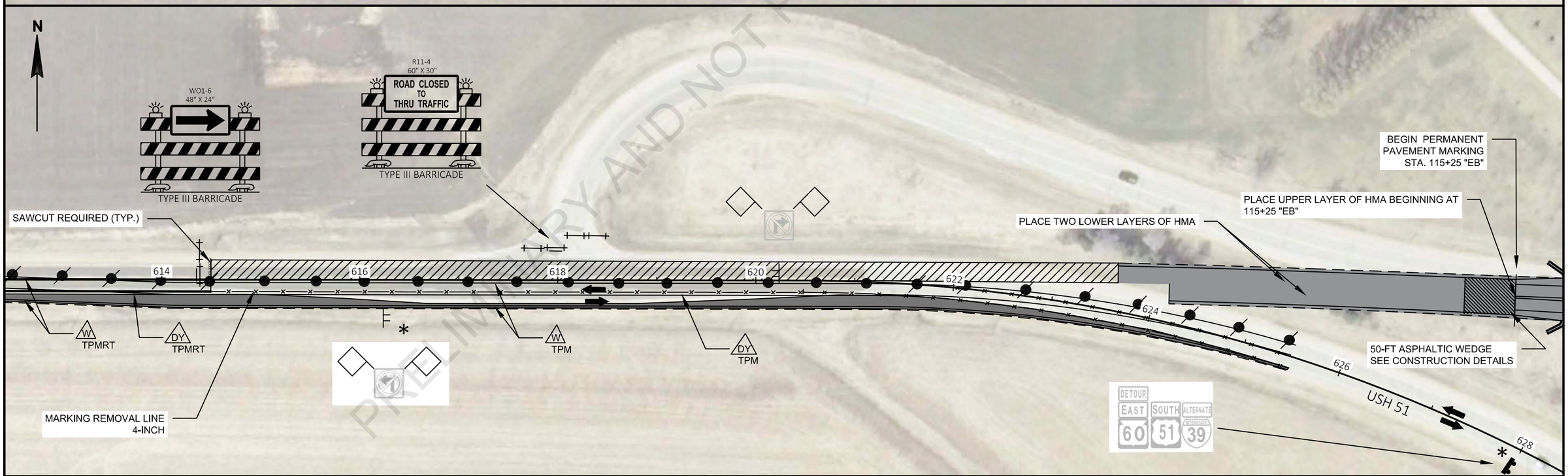
FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\025002_TC PLAN DETAILS STAGE 2 OVERVIEW.DWG
LAYOUT NAME - 025002_tc Stage 2 Overview
PLOT DATE : 6/8/2021 10:22 AM
PLOT BY : PAYNE, GREGORY A
PLOT NAME :
PLOT SCALE : 1 IN:400 FT
WISDOT/CADDS SHEET 42

2



SEE TRAFFIC CONTROL GENERAL NOTES FOR ADDITIONAL SYMBOLS AND ABBREVIATIONS

* SIGN PLACED IN PREVIOUS STAGE



PRELIMINARY AND NOT FOR BIDDING PURPOSES

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	TRAFFIC CONTROL - STAGE 2 (USH 51)	SHEET	E

FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\025002_TC STAGE 2.DWG
LAYOUT NAME - 025002_tc Stage 2 A
PLOT DATE : 4/8/2021 8:21 AM
PLOT BY : PAYNE, GREGORY A
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

N

PLACE TWO LOWER LAYERS OF HMA

50-FT ASPHALTIC WEDGE
SEE CONSTRUCTION DETAILS

END PERMANENT
PAVEMENT MARKING
213+00 "NB"

R11-4
60" X 30"
ROAD CLOSED
TO
THRU TRAFFIC
TYPE III BARRICADE

DETOUR
NORTH
22

NORTH WEST ALTERNATE
51 60 INTERSTATE 39

SAWCUT REQUIRED (TYP.)

TEMPORARY MARKING
REMOVABLE MASK OUT TAPE 6-INCH
PLACE OVER SOLID YELLOW AND 12.5-FT SKIPS

PLACE UPPER LAYER OF HMA BEGINNING AT
213+00 "NB"

ASPHALTIC SURFACE TEMPORARY
COMPLETED IN STAGE 1

MARKING REMOVAL LINE
4-INCH

W TPM

2-M5

2-M4

DY TPM

W TPMRT

DY TPMRT

SOUTH ALTERNATE
51 INTERSTATE 39

SPEED LIMIT
55

MOVE AND REINSTALL
EXISTING SIGNS

DRUMS AT 25-FT SPACING

TEMPORARY MARKING
REMOVABLE MASK OUT TAPE 6-INCH

WO1-6
48" X 24"
TYPE III BARRICADE

634 636 638 640 642 644 646 648 650

USH 51

WO1-4R
45
M.P.H.
WO13-1
36"X36"

SEE TRAFFIC CONTROL GENERAL NOTES FOR
ADDITIONAL SYMBOLS AND ABBREVIATIONS

* SIGN PLACED IN PREVIOUS STAGE

N

WO1-4L
45
M.P.H.
WO13-1
36"X36"

KAMPEN RD

NORTH
22
DETOUR
AHEAD

NORTH
22
ROAD
CLOSED
AHEAD

ROAD
WORK
1000 FT

MAX.
11'
WIDTH

ROAD
WORK
AHEAD

500' 500'

650 652 654 656 658 660

USH 51

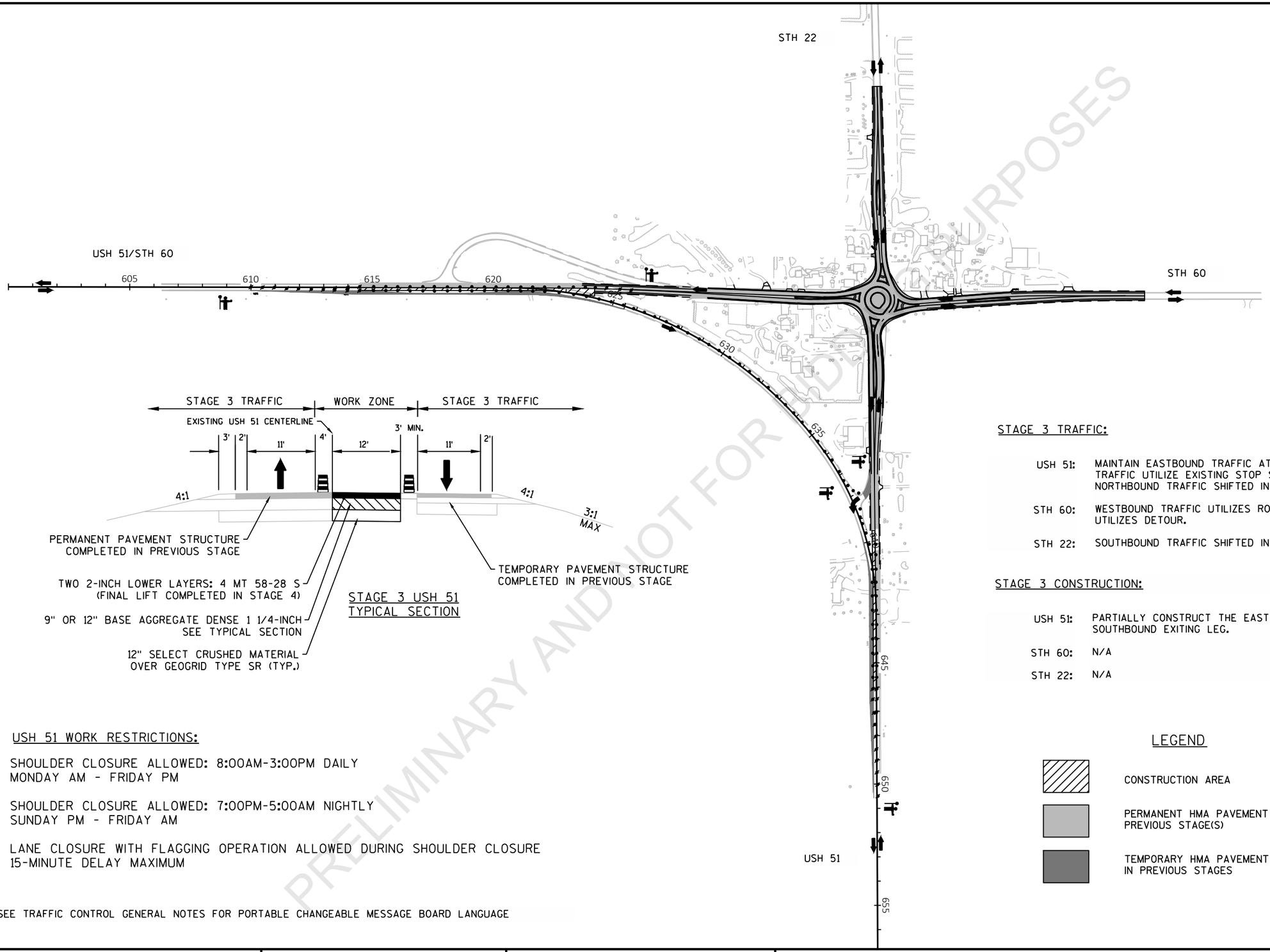
END
ROAD WORK

PRELIMINARY AND NOT FOR BIDDING PURPOSES

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	TRAFFIC CONTROL - STAGE 2 (USH 51)	SHEET	E

FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\025002_TC STAGE 2.DWG
LAYOUT NAME - 025002_tc Stage 2 B

PLOT DATE : 4/8/2021 8:21 AM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:100 FT



STAGE 3 USH 51
TYPICAL SECTION

STAGE 3 TRAFFIC:

USH 51: MAINTAIN EASTBOUND TRAFFIC AT EXISTING LOCATION. SOUTHBOUND TRAFFIC UTILIZE EXISTING STOP SIGN AT USH 51 INTERSECTION. NORTHBOUND TRAFFIC SHIFTED INTO ROUNDABOUT.

STH 60: WESTBOUND TRAFFIC UTILIZES ROUNDABOUT. EASTBOUND TRAFFIC UTILIZES DETOUR.

STH 22: SOUTHBOUND TRAFFIC SHIFTED INTO ROUNDABOUT.

STAGE 3 CONSTRUCTION:

USH 51: PARTIALLY CONSTRUCT THE EASTBOUND APPROACH LEG AND SOUTHBOUND EXITING LEG.

STH 60: N/A

STH 22: N/A

USH 51 WORK RESTRICTIONS:

SHOULDER CLOSURE ALLOWED: 8:00AM-3:00PM DAILY
MONDAY AM - FRIDAY PM

SHOULDER CLOSURE ALLOWED: 7:00PM-5:00AM NIGHTLY
SUNDAY PM - FRIDAY AM

LANE CLOSURE WITH FLAGGING OPERATION ALLOWED DURING SHOULDER CLOSURE
15-MINUTE DELAY MAXIMUM

SEE TRAFFIC CONTROL GENERAL NOTES FOR PORTABLE CHANGEABLE MESSAGE BOARD LANGUAGE

LEGEND

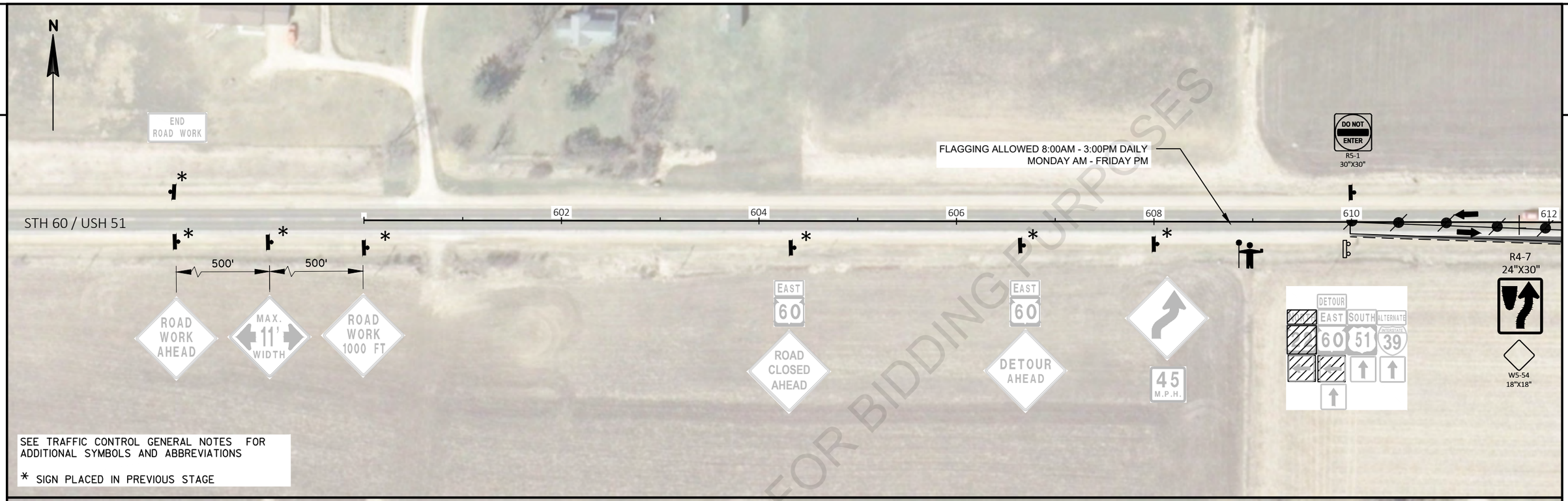
- CONSTRUCTION AREA
- PERMANENT HMA PAVEMENT PLACED IN PREVIOUS STAGE(S)
- TEMPORARY HMA PAVEMENT PLACED IN IN PREVIOUS STAGES

PRELIMINARY AND NOT FOR BIDDING PURPOSES

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	TRAFFIC CONTROL - STAGE 3 OVERVIEW	SHEET	E

FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\025003_TC PLAN DETAILS STAGE 3 OVERVIEW.DWG
LAYOUT NAME - 025003_tc Stage 3 Overview
PLOT DATE : 6/8/2021 10:18 AM
PLOT BY : PAYNE, GREGORY A
PLOT NAME :
PLOT SCALE : 1 IN:400 FT
WISDOT/CADDS SHEET 42

2



PRELIMINARY AND NOT FOR BIDDING PURPOSES

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	TRAFFIC CONTROL - STAGE 3 (USH 51)	SHEET	E

FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\025003_TC STAGE 3.DWG
LAYOUT NAME - 025003_tc Stage 3 A
PLOT DATE : 6/8/2021 9:59 AM
PLOT BY : PAYNE, GREGORY A
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

N

END TEMPOARY
PAVEMENT MARKING
STA. 213+00 NB

W
TPMRT

Y
TPMRT

WO1-6
48" X 24"

TYPE III BARRICADE

DRUMS @ 25-FT SPACING

TEMPORARY MARKING
REMOVABLE MASK OUT TAPE 6-INCH

DY
TPM

W
TPM

DY
TPMRT

200-FT
TAPER

W
TPMRT

USH 51

640 642 644 646 648 650

W3-1
36"X36"

STOP
R1-1
30"X30"

ONE WAY
R6-1L
36"X12"

DO NOT
ENTER
R5-1
30"X30"

WRONG
WAY
R5-1A
36"X24"

638 636 634

MARKING REMOVAL LINE WIDE

24 FT - TEMPORARY MARKING STOP LINE PAINT 18-INCH

14'

R3-2
24"X24"

ONE
WAY
R6-2L
24"X30"

45
M.P.H.

FLAGGING ALLOWED 8:00AM - 3:00PM DAILY
MONDAY AM - FRIDAY PM

SOUTH ALTERNATE 51 BUSINESS 39

SPEED LIMIT 55

WRONG
WAY
R5-1A
36"X24"

SAWCUT REQUIRED (TYP.)

DO NOT
ENTER
R5-1
30"X30"

R4-7
24"X30"

W5-54
18"X18"

SEE TRAFFIC CONTROL GENERAL NOTES FOR
ADDITIONAL SYMBOLS AND ABBREVIATIONS

* SIGN PLACED IN PREVIOUS STAGE

PRELIMINARY AND NOT FOR BIDDING PURPOSES

N

KAMPEN RD

FLAGGING ALLOWED 8:00AM - 3:00PM DAILY
MONDAY AM - FRIDAY PM

PCMS LOCATION 7 DAYS DURING STAGE 3

MB

650 652 654 656 658 660

USH 51

ROAD
WORK
1000 FT

MAX.
11'
WIDTH

ROAD
WORK
AHEAD

500' 500'

END
ROAD WORK

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	TRAFFIC CONTROL - STAGE 3 (USH 51)	SHEET	E

FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\025003_TC STAGE 3.DWG
LAYOUT NAME - 025003_tc Stage 3 B

PLOT DATE : 6/8/2021 9:59 AM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

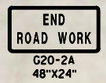
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PCMS LOCATION FOR 7 DAYS DURING STAGE 3

MB

STH 60



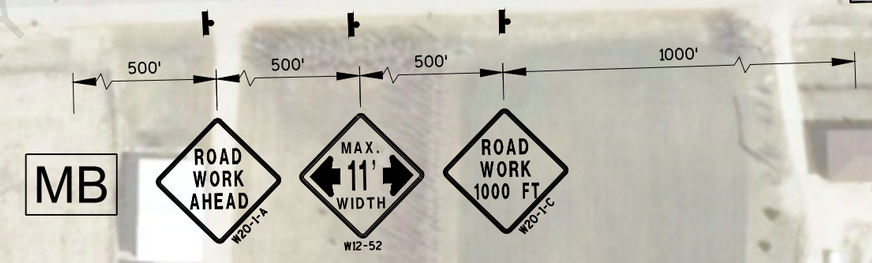
SEE TRAFFIC CONTROL GENERAL NOTES FOR ADDITIONAL SYMBOLS AND ABBREVIATIONS

* SIGN PLACED IN PREVIOUS STAGE

PRELIMINARY AND NOT FOR BIDDING PURPOSES

STH 22





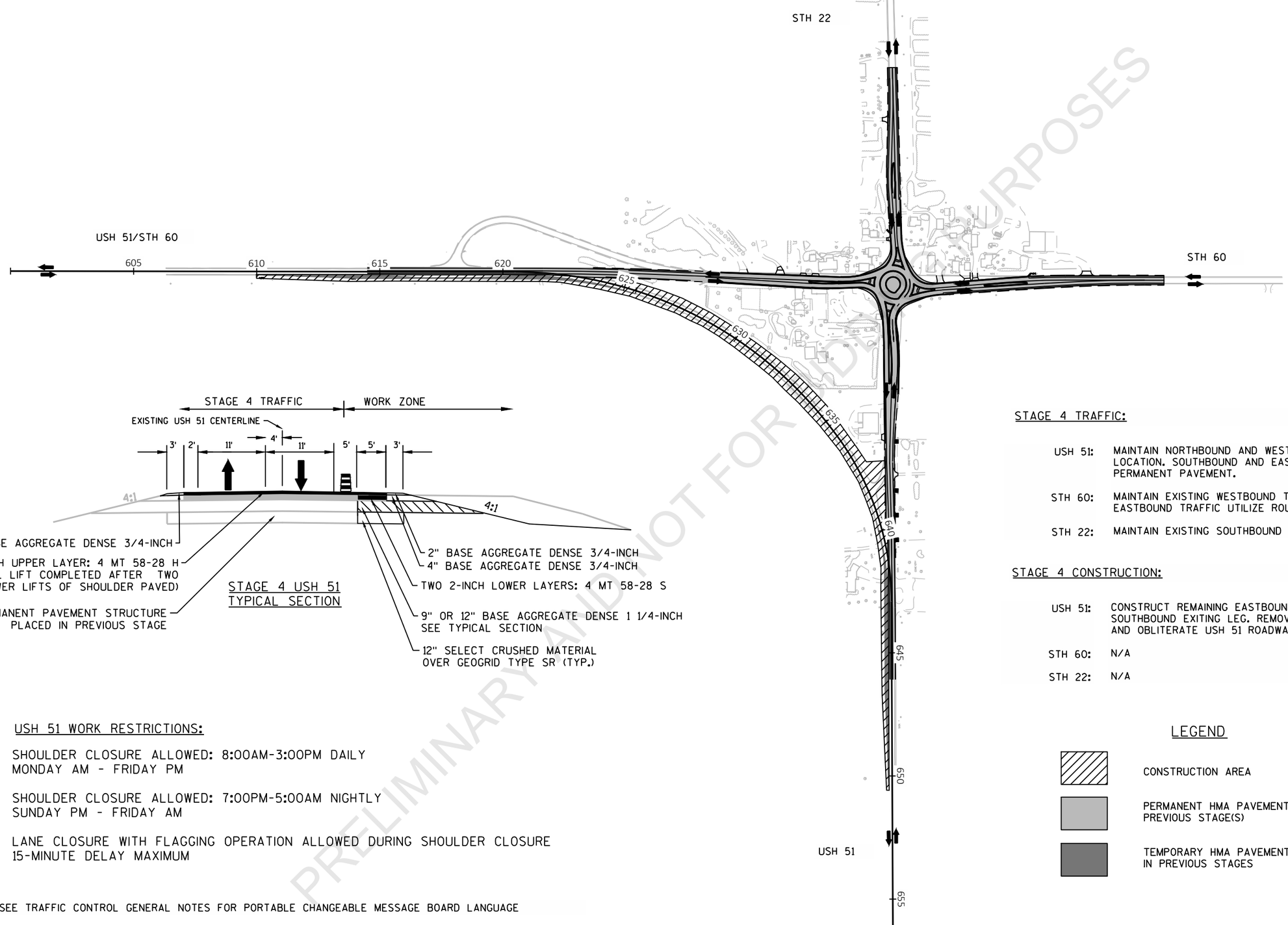
MB

PCMS LOCATION FOR 7 DAYS DURING STAGE 3

N

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	TRAFFIC CONTROL - STAGE 3 (STH 60 AND STH 22)	SHEET	E

FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\025003_TC STAGE 3.DWG
LAYOUT NAME - 025003_tc Stage 3 C
PLOT DATE : 6/8/2021 9:59 AM
PLOT BY : PAYNE, GREGORY A
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42



STAGE 4 USH 51
TYPICAL SECTION

USH 51 WORK RESTRICTIONS:

SHOULDER CLOSURE ALLOWED: 8:00AM-3:00PM DAILY
MONDAY AM - FRIDAY PM

SHOULDER CLOSURE ALLOWED: 7:00PM-5:00AM NIGHTLY
SUNDAY PM - FRIDAY AM

LANE CLOSURE WITH FLAGGING OPERATION ALLOWED DURING SHOULDER CLOSURE
15-MINUTE DELAY MAXIMUM

SEE TRAFFIC CONTROL GENERAL NOTES FOR PORTABLE CHANGEABLE MESSAGE BOARD LANGUAGE

STAGE 4 TRAFFIC:

USH 51: MAINTAIN NORTHBOUND AND WESTBOUND TRAFFIC AT EXISTING LOCATION. SOUTHBOUND AND EASTBOUND TRAFFIC SWITCHED TO PERMANENT PAVEMENT.

STH 60: MAINTAIN EXISTING WESTBOUND TRAFFIC AT EXISTING LOCATION. EASTBOUND TRAFFIC UTILIZE ROUNDABOUT.

STH 22: MAINTAIN EXISTING SOUTHBOUND TRAFFIC AT EXISTING LOCATION.

STAGE 4 CONSTRUCTION:

USH 51: CONSTRUCT REMAINING EASTBOUND APPROACH LEG AND SOUTHBOUND EXITING LEG. REMOVE TEMPORARY WIDENING AND OBLITERATE USH 51 ROADWAY.

STH 60: N/A

STH 22: N/A

LEGEND

CONSTRUCTION AREA

PERMANENT HMA PAVEMENT PLACED IN PREVIOUS STAGE(S)

TEMPORARY HMA PAVEMENT PLACED IN IN PREVIOUS STAGES

PRELIMINARY AND NOT FOR

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	TRAFFIC CONTROL - STAGE 4 OVERVIEW	SHEET	E

FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\025004_TC PLAN DETAILS STAGE 4 OVERVIEW.DWG
LAYOUT NAME - 025004_tc Stage 4 Overview
PLOT DATE : 6/8/2021 10:16 AM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:400 FT
WISDOT/CADDS SHEET 42

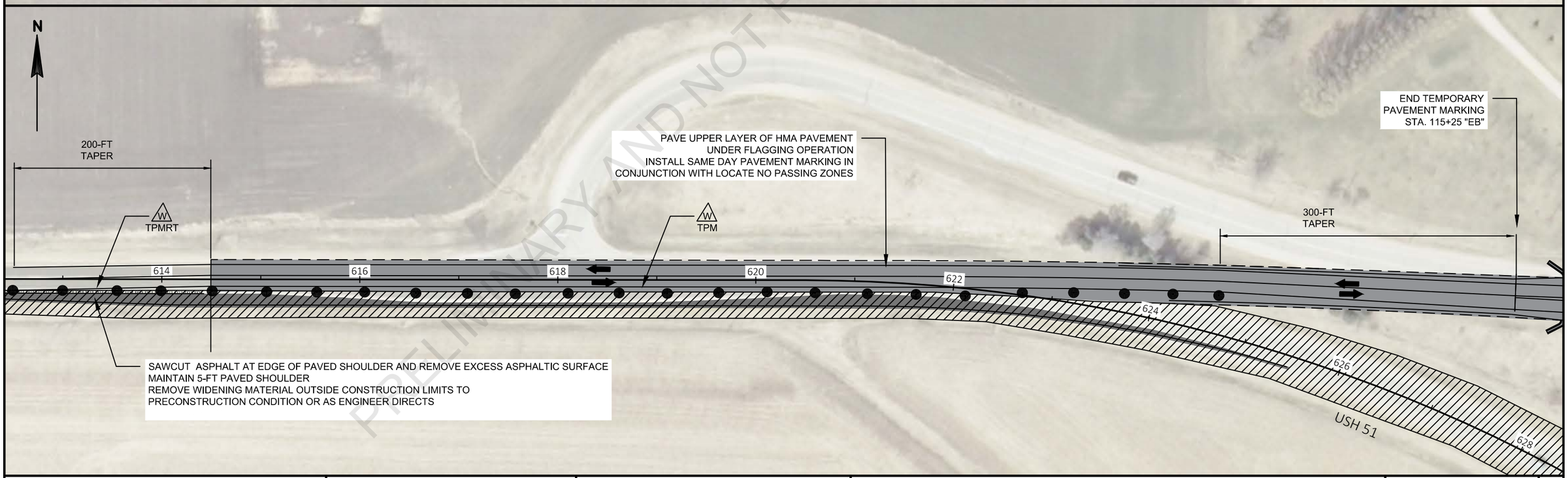
2



PCMS LOCATION FOR 7 DAYS PRIOR AND DURING STAGE 4

SEE TRAFFIC CONTROL GENERAL NOTES FOR ADDITIONAL SYMBOLS AND ABBREVIATIONS

* SIGN PLACED IN PREVIOUS STAGE



PRELIMINARY AND NOT FOR BIDDING PURPOSES

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	TRAFFIC CONTROL - STAGE 4 (USH 51)	SHEET	E

FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\025004_TC STAGE 4.DWG
LAYOUT NAME - 025004_tc Stage 4 A
PLOT DATE : 4/8/2021 9:20 AM
PLOT BY : PAYNE, GREGORY A
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

2

N

200-FT TAPER

END PERMANENT PAVEMENT MARKING

W TPM

PAVE UPPER LAYER OF HMA PAVEMENT UNDER FLAGGING OPERATION
INSTALL SAME DAY PAVEMENT MARKING IN CONJUNCTION WITH LOCATE NO PASSING ZONES

200-FT TAPER

W TPMRT

USH 51

SHOULDER WORK W21-5

634 636 638 640 642 644 646 648 650

SAWCUT ASPHALT AT EDGE OF PAVED SHOULDER AND REMOVE EXCESS ASPHALTIC SURFACE
MAINTAIN 5-FT PAVED SHOULDER
REMOVE WIDENING MATERIAL OUTSIDE CONSTRUCTION LIMITS TO PRECONSTRUCTION CONDITION OR AS ENGINEER DIRECTS

SEE TRAFFIC CONTROL GENERAL NOTES FOR ADDITIONAL SYMBOLS AND ABBREVIATIONS

* SIGN PLACED IN PREVIOUS STAGE

PRELIMINARY AND NOT FOR BIDDING PURPOSES

N

ROAD WORK 1000 FT

MAX. 11' WIDTH

ROAD WORK AHEAD

500' 500'

650 652 654 656 658 660

USH 51

END ROAD WORK

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	TRAFFIC CONTROL - STAGE 4 (USH 51)	SHEET	E

FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\025004_TC STAGE 4.DWG
LAYOUT NAME - 025004_tc Stage 4 B
PLOT DATE : 4/8/2021 9:21 AM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

PRELIMINARY AND NOT FOR BIDDING PURPOSES

STA. 600+00.00
Y = 318,529.4193
X = 569,802.7825

USH 51/ STH 60

602 604 606 608 610 612 614

S89° 54' 30"E

911
1008.731
CP

N

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEVATION
911	611+15 32' RT	ALUMINUM DISC	1008.731

501+00 N18° 38' 48"E PC: 500+70.99

910
1029.783
CP

507+00 508+00 509+00 510+00 511+00 512+00 513+00

STH 60

N46° 18' 56"W

EP: 701+75.36

701+00 PC: 700+29.43

PT: 700+80.56 BP: 700+00.00

616 618 620 622 624 626 628 630

BP: 500+00.00

PC: 620+50.25

USH 51

EP: 513+09.58

PI STA = 628+83.02
Y = 318525.313
X = 572685.796
Δ = 54°27'47"
D = 3°32'27"
T = 832.77'
L = 1538.19'
R = 1618.20'
PC STA = 620+50.25
PT STA = 635+88.44

N

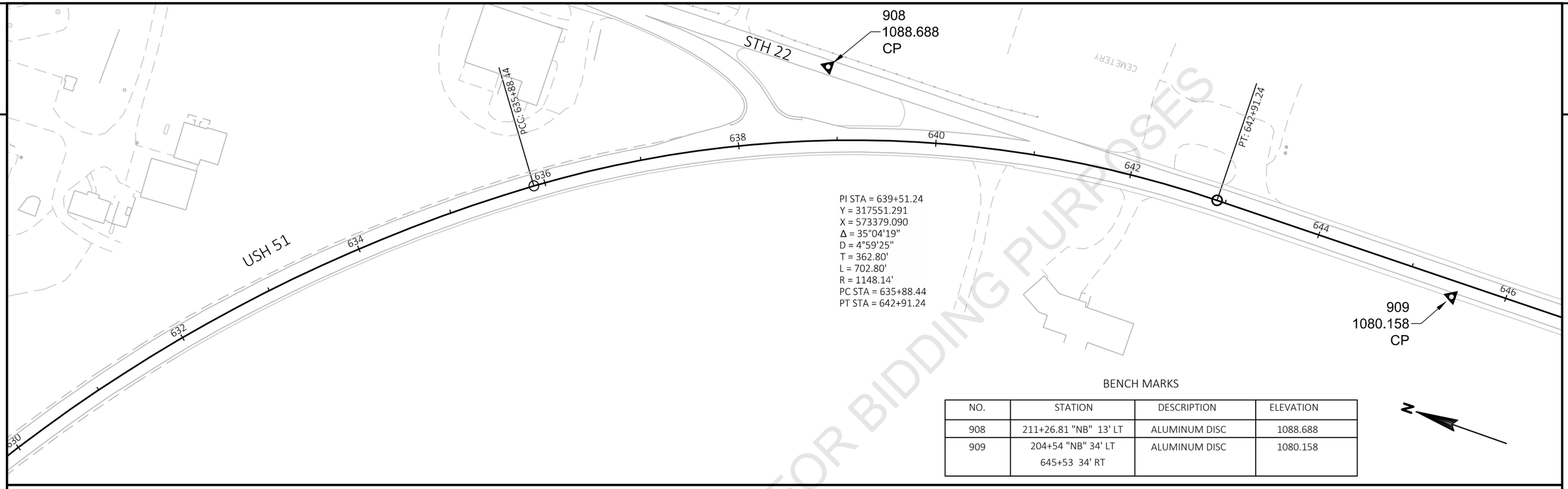
BENCH MARKS

NO.	STATION	DESCRIPTION	ELEVATION
910	108+49 "EB" 41.5' LT 620+98 42' LT	ALUMINUM DISC	1029.783

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	ALIGNMENT DETAILS	SHEET	E

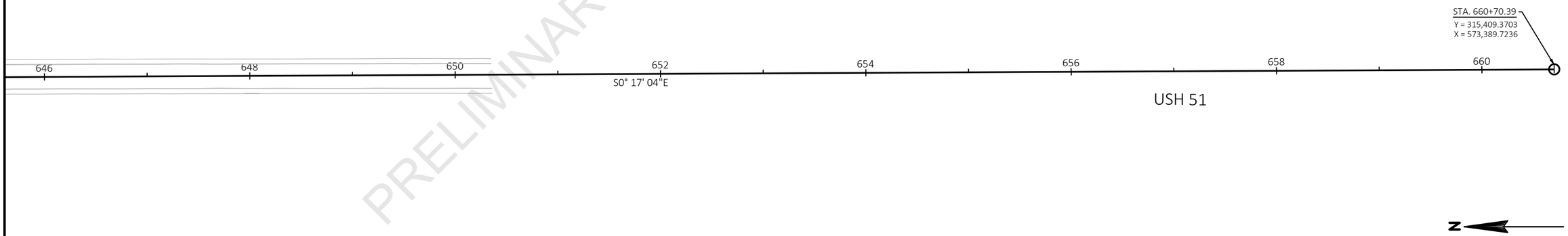
FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\027201_AD EXISTING.DWG
LAYOUT NAME - Existing

PLOT DATE : 6/8/2021 10:40 AM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:100 FT



BENCH MARKS

NO.	STATION	DESCRIPTION	ELEVATION
908	211+26.81 "NB" 13' LT	ALUMINUM DISC	1088.688
909	204+54 "NB" 34' LT 645+53 34' RT	ALUMINUM DISC	1080.158



PRELIMINARY AND NOT FOR BIDDING PURPOSES

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	ALIGNMENT DETAILS	SHEET	E

2

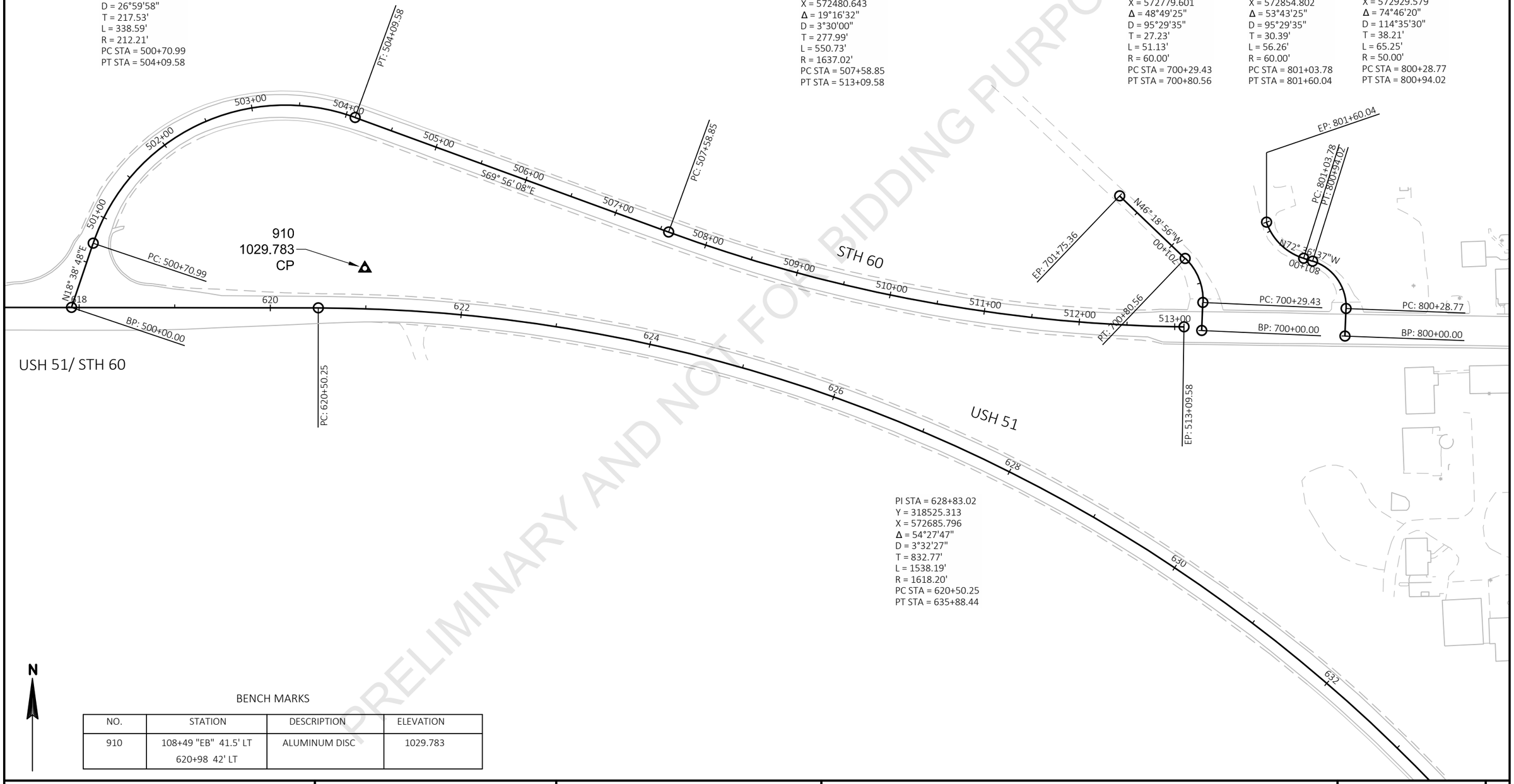
PI STA = 502+88.52
Y = 318800.007
X = 571687.126
Δ = 91°25'04"
D = 26°59'58"
T = 217.53'
L = 338.59'
R = 212.21'
PC STA = 500+70.99
PT STA = 504+09.58

PI STA = 510+36.84
Y = 318510.180
X = 572480.643
Δ = 19°16'32"
D = 3°30'00"
T = 277.99'
L = 550.73'
R = 1637.02'
PC STA = 507+58.85
PT STA = 513+09.58

PI STA = 700+56.67
Y = 318559.080
X = 572779.601
Δ = 48°49'25"
D = 95°29'35"
T = 27.23'
L = 51.13'
R = 60.00'
PC STA = 700+29.43
PT STA = 700+80.56

PI STA = 801+34.17
Y = 318587.109
X = 572854.802
Δ = 53°43'25"
D = 95°29'35"
T = 30.39'
L = 56.26'
R = 60.00'
PC STA = 801+03.78
PT STA = 801+60.04

PI STA = 800+66.98
Y = 318563.690
X = 572929.579
Δ = 74°46'20"
D = 114°35'30"
T = 38.21'
L = 65.25'
R = 50.00'
PC STA = 800+28.77
PT STA = 800+94.02



USH 51/ STH 60

PI STA = 628+83.02
Y = 318525.313
X = 572685.796
Δ = 54°27'47"
D = 3°32'27"
T = 832.77'
L = 1538.19'
R = 1618.20'
PC STA = 620+50.25
PT STA = 635+88.44

N

BENCH MARKS

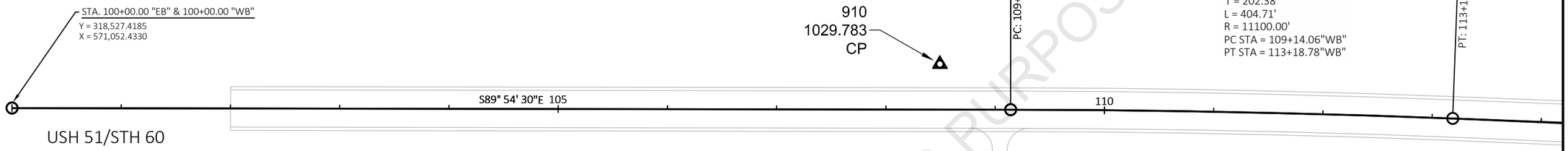
NO.	STATION	DESCRIPTION	ELEVATION
910	108+49 "EB" 41.5' LT 620+98 42' LT	ALUMINUM DISC	1029.783

PRELIMINARY AND NOT FOR BIDDING PURPOSES

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	ALIGNMENT DETAILS	SHEET	E

FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\027201_AD EXISTING.DWG
LAYOUT NAME - Existing STH 60
PLOT DATE : 6/8/2021 10:41 AM
PLOT BY : PAYNE, GREGORY A
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

2



PI STA = 111+16.44"WB"
Y = 318525.631
X = 572168.874
Δ = 2°05'21"
D = 0°30'58"
T = 202.38'
L = 404.71'
R = 11100.00'
PC STA = 109+14.06"WB"
PT STA = 113+18.78"WB"

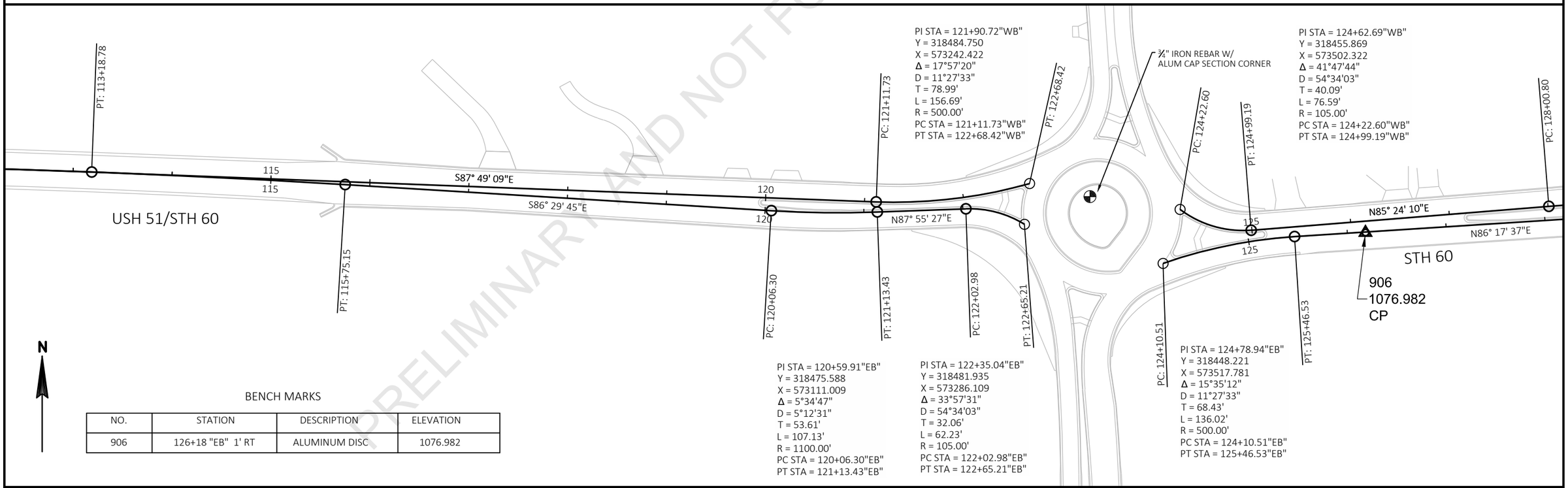
PI STA = 112+44.70"EB"
Y = 318525.426
X = 572297.136
Δ = 3°24'45"
D = 0°30'58"
T = 330.64'
L = 661.09'
R = 11100.00'
PC STA = 109+14.06"EB"
PT STA = 115+75.15"EB"

N

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEVATION
910	108+49 "EB" 41.5' LT	ALUMINUM DISC	1029.783

PRELIMINARY AND NOT FOR BIDDING PURPOSES



PI STA = 121+90.72"WB"
Y = 318484.750
X = 573242.422
Δ = 17°57'20"
D = 11°27'33"
T = 78.99'
L = 156.69'
R = 500.00'
PC STA = 121+11.73"WB"
PT STA = 122+68.42"WB"

PI STA = 124+62.69"WB"
Y = 318455.869
X = 573502.322
Δ = 41°47'44"
D = 54°34'03"
T = 40.09'
L = 76.59'
R = 105.00'
PC STA = 124+22.60"WB"
PT STA = 124+99.19"WB"

N

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEVATION
906	126+18 "EB" 1' RT	ALUMINUM DISC	1076.982

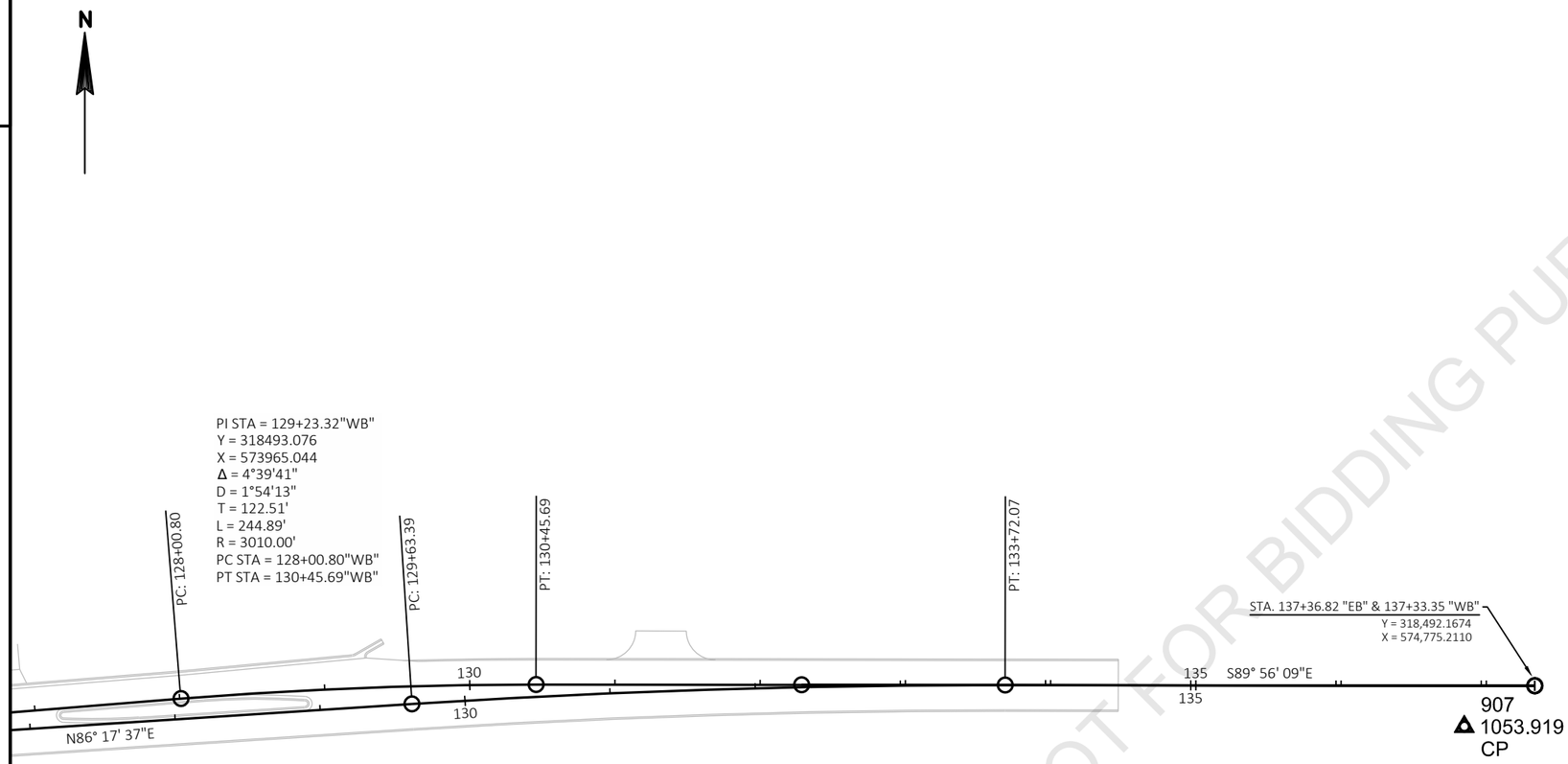
PI STA = 120+59.91"EB"
Y = 318475.588
X = 573111.009
Δ = 5°34'47"
D = 5°12'31"
T = 53.61'
L = 107.13'
R = 1100.00'
PC STA = 120+06.30"EB"
PT STA = 121+13.43"EB"

PI STA = 122+35.04"EB"
Y = 318481.935
X = 573286.109
Δ = 33°57'31"
D = 54°34'03"
T = 32.06'
L = 62.23'
R = 105.00'
PC STA = 122+02.98"EB"
PT STA = 122+65.21"EB"

PI STA = 124+78.94"EB"
Y = 318448.221
X = 573517.781
Δ = 15°35'12"
D = 11°27'33"
T = 68.43'
L = 136.02'
R = 500.00'
PC STA = 124+10.51"EB"
PT STA = 125+46.53"EB"

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	ALIGNMENT DETAILS	SHEET	E

2



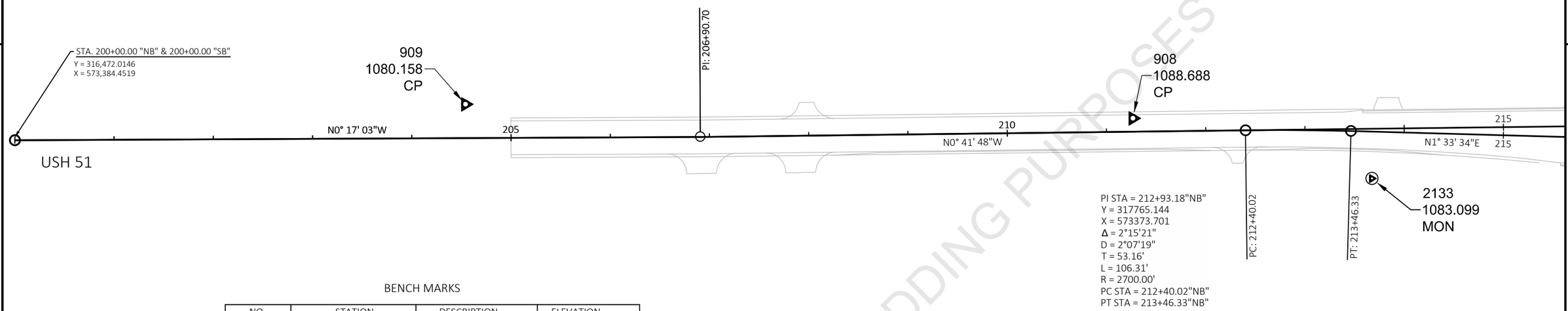
PI STA = 131+67.81"EB"
Y = 318492.806
X = 574206.047
Δ = 3°46'14"
D = 0°55'21"
T = 204.42'
L = 408.68'
R = 6210.00'
PC STA = 129+63.39"EB"
PT STA = 133+72.07"EB"

PRELIMINARY AND NOT FOR BIDDING PURPOSES

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEVATION
907	136+88 "EB" 28' RT	ALUMINUM DISC	1053.919

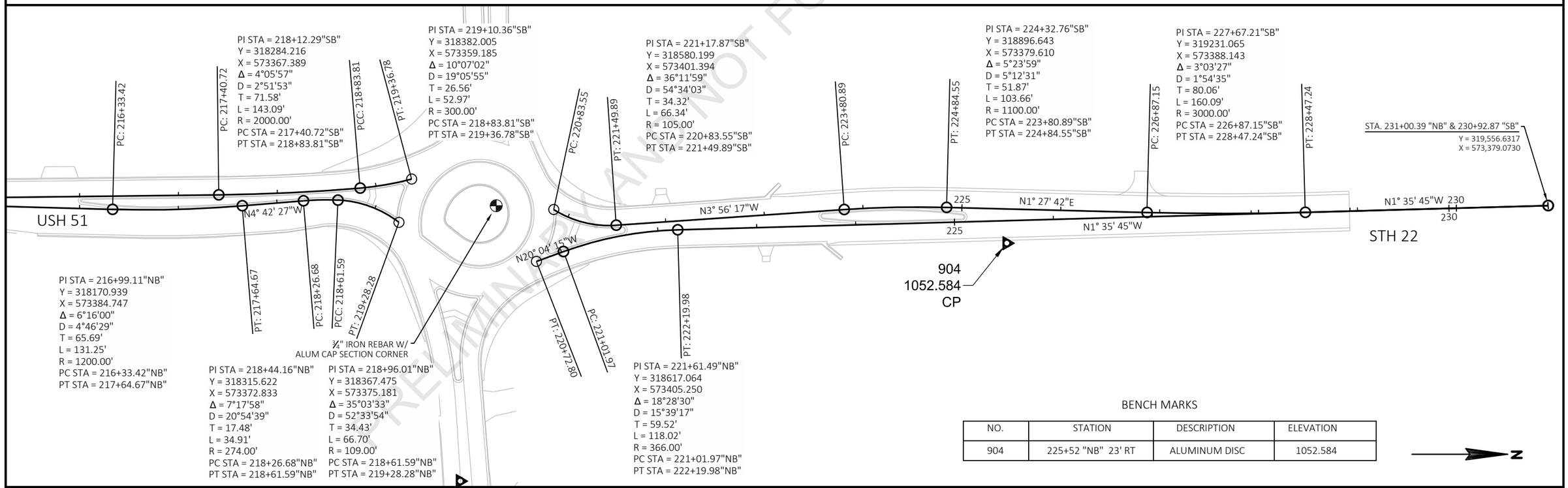
2



BENCH MARKS

NO.	STATION	DESCRIPTION	ELEVATION
908	211+27 "NB" 13' LT	ALUMINUM DISC	1088.688
909	204+54 "NB" 34' LT	ALUMINUM DISC	1080.158
2113	213+69 "NB" 47' RT	MONUMENT	1083.099

N



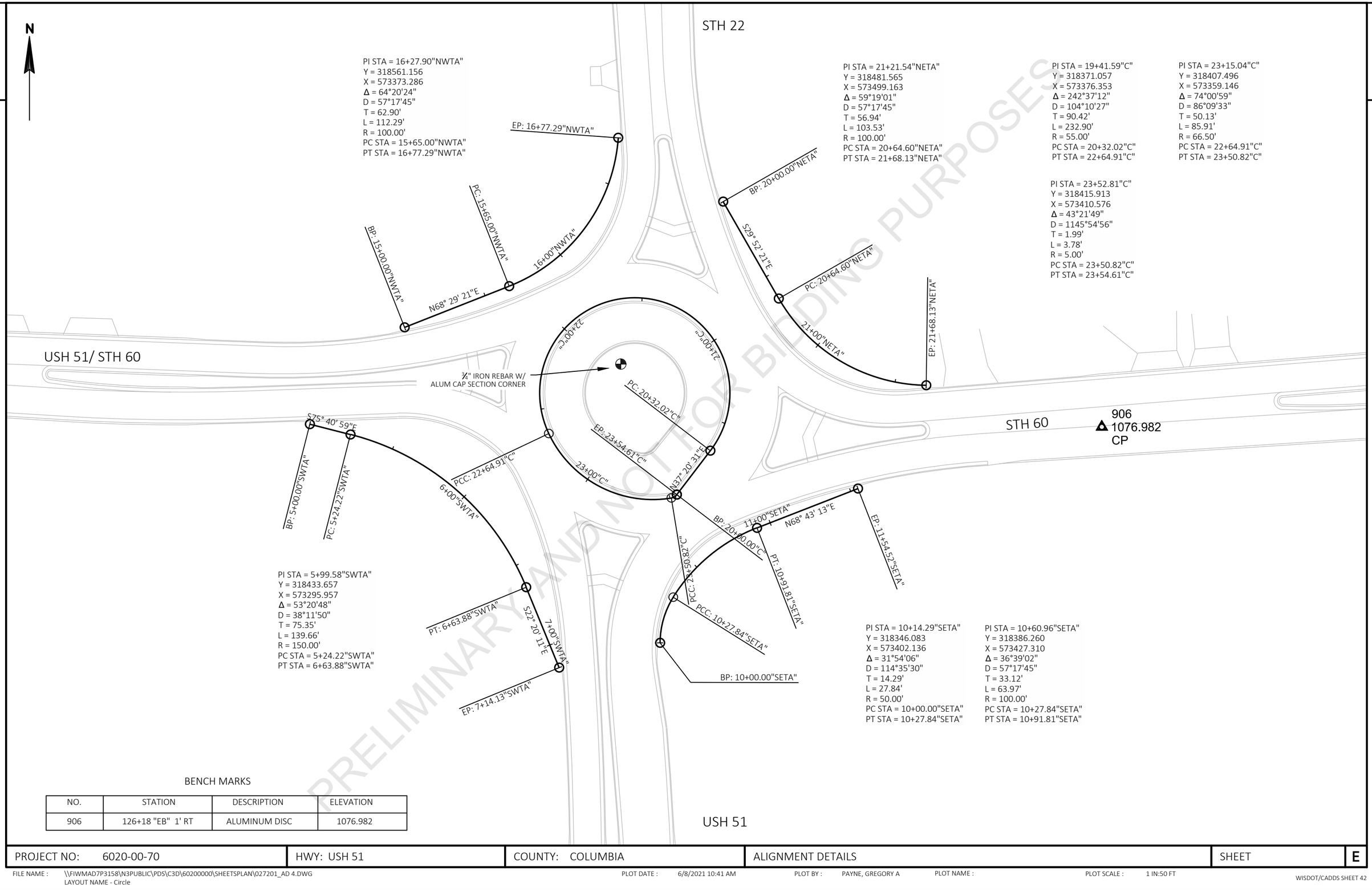
BENCH MARKS

NO.	STATION	DESCRIPTION	ELEVATION
904	225+52 "NB" 23' RT	ALUMINUM DISC	1052.584

N

PRELIMINARY PLAN - NOT FOR BIDDING PURPOSES

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	ALIGNMENT DETAILS	SHEET	E



PRELIMINARY AND NOT FOR BIDDING PURPOSES

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEVATION
906	126+18 "EB" 1' RT	ALUMINUM DISC	1076.982

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	ALIGNMENT DETAILS	SHEET E

2

N

PI STA = 31+89.44"NW"
Y = 318546.388
X = 573355.934
Δ = 21°39'40"
D = 114°35'30"
T = 9.57'
L = 18.90'
R = 50.00'
PC STA = 31+79.87"NW"
PT STA = 31+98.77"NW"

PI STA = 32+33.99"NW"
Y = 318580.150
X = 573385.359
Δ = 45°00'45"
D = 67°24'24"
T = 35.22'
L = 66.78'
R = 85.00'
PC STA = 31+98.77"NW"
PT STA = 32+65.55"NW"

STH 22

PI STA = 30+91.97"NW"
Y = 318499.876
X = 573265.680
Δ = 29°26'43"
D = 16°22'13"
T = 91.97'
L = 179.87'
R = 350.00'
PC STA = 30+00.00"NW"
PT STA = 31+79.87"NW"

EP: 32+65.55"NW"
PCC: 31+79.87"NW"
PCC: 31+98.77"NW"
32+00"NW"
BP: 30+00.00"NW"
31+00"NW"

BP: 40+00.00"NE"

PI STA = 40+74.53"NE"
Y = 318602.719
X = 573421.655
Δ = 24°02'35"
D = 16°22'13"
T = 74.53'
L = 146.87'
R = 350.00'
PC STA = 40+00.00"NE"
PT STA = 41+46.87"NE"

PI STA = 41+63.61"NE"
Y = 318520.434
X = 573461.149
Δ = 12°44'07"
D = 38°11'50"
T = 16.74'
L = 33.34'
R = 150.00'
PC STA = 41+46.87"NE"
PT STA = 41+80.21"NE"

PI STA = 42+25.62"NE"
Y = 318471.712
X = 573499.729
Δ = 56°13'22"
D = 67°24'24"
T = 45.41'
L = 83.41'
R = 85.00'
PC STA = 41+80.21"NE"
PT STA = 42+63.62"NE"

41+00"NE"
PCC: 41+46.87"NE"
PCC: 41+80.21"NE"
PT: 42+63.62"NE"
EP: 43+00.00"NE"
42+00"NE"
43+00"NE"
N85° 24' 10"E

PI STA = 9+68.32"CTA"
Y = 318418.898
X = 573381.408
Δ = 242°37'12"
D = 190°59'09"
T = 49.32'
L = 127.04'
R = 30.00'
PC STA = 10+17.64"CTA"
PT STA = 11+44.68"CTA"

PI STA = 11+66.38"CTA"
Y = 318443.870
X = 573369.616
Δ = 55°13'17"
D = 138°03'44"
T = 21.71'
L = 40.00'
R = 41.50'
PC STA = 11+44.68"CTA"
PT STA = 11+84.67"CTA"

PI STA = 11+90.41"CTA"
Y = 318439.342
X = 573396.676
Δ = 59°37'56"
D = 572°57'28"
T = 5.73'
L = 10.41'
R = 10.00'
PC STA = 11+84.67"CTA"
PT STA = 11+95.08"CTA"

¾" IRON REBAR W/
ALUM CAP SECTION CORNER

11+00"CTA"
EP: 11+95.08"CTA"
N37° 20' 31"E
PC: 10+17.64"CTA"
BP: 10+00.00"CTA"

USH 51/ STH 60

STH 60

906
1076.982
CP

PCC: 11+44.68"CTA"
BP: 50+00.00"SW"
PCC: 50+58.40"SW"
51+00"SW"
PCC: 50+83.07"SW"
EP: 51+82.64"SW"

PCC: 11+84.67"CTA"

65+00"SE"
64+00"SE"
EP: 65+44.19"SE"

PI STA = 64+67.19"SE"
Y = 318431.893
X = 573513.250
Δ = 19°48'31"
D = 12°43'57"
T = 78.57'
L = 155.58'
R = 450.00'
PC STA = 63+88.62"SE"
PT STA = 65+44.19"SE"

PCC: 63+58.29"SE"
PCC: 63+88.62"SE"

PI STA = 50+30.41"SW"
Y = 318465.726
X = 573280.639
Δ = 39°21'57"
D = 67°24'24"
T = 30.41'
L = 58.40'
R = 85.00'
PC STA = 50+00.00"SW"
PT STA = 50+58.40"SW"

PI STA = 50+70.95"SW"
Y = 318439.703
X = 573314.812
Δ = 25°42'05"
D = 104°10'27"
T = 12.55'
L = 24.67'
R = 55.00'
PC STA = 50+58.40"SW"
PT STA = 50+83.07"SW"

PI STA = 51+33.53"SW"
Y = 318383.574
X = 573343.422
Δ = 22°49'11"
D = 22°55'06"
T = 50.45'
L = 99.57'
R = 250.00'
PC STA = 50+83.07"SW"
PT STA = 51+82.64"SW"

PI STA = 63+24.52"SE"
Y = 318352.944
X = 573392.572
Δ = 48°41'16"
D = 67°24'24"
T = 38.46'
L = 72.23'
R = 85.00'
PC STA = 62+86.06"SE"
PT STA = 63+58.29"SE"

PI STA = 63+73.74"SE"
Y = 318394.382
X = 573427.041
Δ = 26°43'49"
D = 88°08'50"
T = 15.44'
L = 30.32'
R = 65.00'
PC STA = 63+58.29"SE"
PT STA = 63+88.62"SE"

PI STA = 62+12.41"SE"
Y = 318241.829
X = 573407.005
Δ = 2°17'50"
D = 2°49'31"
T = 40.66'
L = 81.31'
R = 2028.00'
PC STA = 61+71.75"SE"
PT STA = 62+53.06"SE"

63+00"SE"
N8° 55' 59"W
PC: 62+86.06"SE"
PT: 62+53.06"SE"
62+00"SE"
PCC: 61+71.75"SE"

62+00"SE"
PCC: 61+71.75"SE"
PC: 61+09.28"SE"
61+00"SE"
N1° 09' 18"E
PI STA = 61+40.53"SE"
Y = 318169.986
X = 573410.029
Δ = 3°33'55"
D = 5°42'24"
T = 31.25'
L = 62.47'
R = 1004.00'
PC STA = 61+09.28"SE"
PT STA = 61+71.75"SE"
USH 51
BP: 60+00.00"SE"

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEVATION
906	126+18 "EB" 1' RT	ALUMINUM DISC	1076.982

USH 51

PRELIMINARY AND NOT FOR BIDDING PURPOSES

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	ALIGNMENT DETAILS	SHEET	E

FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\027201_AD 3.DWG
LAYOUT NAME - Inside Circle
PLOT DATE : 6/8/2021 10:41 AM
PLOT BY : PAYNE, GREGORY A
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 42

CLEARING AND GRUBBING

STATION	-	STATION	LOCATION	201.0105 CLEARING STA	201.0120 CLEARING ID	201.0205 GRUBBING STA	201.0220 GRUBBING ID	SPV.0060.02 TREE ROOT CUTTING AND REMOVAL EACH	REMARKS
STAGE 1									
110+00 "EB"	-	114+00 "EB"	LT & RT	4	--	4	--	--	
118+50 "EB"	-	120+50 "EB"	RT	2	--	2	--	--	
124+00 "EB"	-	126+00 "EB"	RT	--	60	--	60	--	THREE TREES IN SE QUADRANT
221+20 "NB"	-	221+30 "NB"	LT	--	20	--	20	--	ONE TREE
223+00 "NB"	-	226+00 " NB"	LT	3	--	3	--	--	
226+25 "NB"			LT	--	--	--	--	2	TWO MAPLE TREES
			TOTAL	**9**	**80**	**9**	**80**	**2**	

REMOVING CULVERT PIPE

STATION	OFFSET	LOCATION	203.0100 REMOVING SMALL PIPE CULVERTS EACH	REMARKS
STAGE 1				
105+20 "EB"	80' LT	UNDER STH 60	1	CMCP 24-INCH
124+30 "EB"	30' LT	UNDER STH 60	1	CMCP 24-INCH
123+00 "EB"	30' LT	UNDER STH 60	1	CMCP 24-INCH
131+30 "EB"	37' LT	UNDER DRIVEWAY	1	CMCP 18-INCH
214+00 "NB"	30' LT	UNDER DRIVEWAY	1	CMCP 18-INCH
214+50 "NB"	30' LT	UNDER DRIVEWAY	1	CMCP 18-INCH
215+00 "NB"	30' LT	UNDER DRIVEWAY	1	CMCP 18-INCH
218+00 "NB"	10' LT	UNDER DRIVEWAY	1	CMCP 18-INCH
218+70 "NB"	8' LT	UNDER DRIVEWAY	1	CMCP 18-INCH
222+00 "NB"	40 LT	UNDER DRIVEWAY	1	CMCP 18-INCH
223+00 "NB"	25 RT	UNDER DRIVEWAY	1	CMCP 18-INCH
227+00 "NB"	40 LT	UNDER DRIVEWAY	1	CMCP 18-INCH
STAGE 2				
207+00 "NB"	30 RT	UNDER DRIVEWAY	1	CMCP 18-INCH
STAGE 4				
109+00 "EB"	36' RT	UNDER DRIVEWAY	1	CMCP 18-INCH
209+44 "NB"	50' LT	UNDER DRIVEWAY	1	CMCP 18-INCH
633+40	LT & RT	UNDER USH 51	1	RCCP 30-INCH
		TOTAL	**16**	

MISCELLANEOUS REMOVALS

STATION	OFFSET	204.0205 REMOVING UTILITY POLE EACH	204.0246 REMOVING ANCILLARY STRUCTURE (S-11-0020) EACH	REMARKS
STAGE 1				
124+40 "NB"	100' LT	--	1	
STAGE 4				
207+00 "NB"	32' RT	3	--	REMOVE UTILITY POLE DRIVEWAY DELINEATORS AND LEAVE WITH PROPERTY OWNER
	TOTAL	**3**	**1**	

OBLITERATING OLD ROADWAY

STATION	TO	STATION	LOCATION	214.0100 OBLITERATING OLD ROADWAY STA	REMARKS
STAGE 1					
500+00	-	510+00	LT & RT	10	STH 60
STAGE 4					
623+00	-	640+00	LT & RT	17	USH 51
			TOTAL	**27**	

PRELIMINARY AND NOT FOR BIDDING PURPOSES

NOTE: ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE NOTED

MISCELLANEOUS CONSTRUCTION

LOCATION	213.0100 FINISHING ROADWAY (PROJECT) 001. 6020-00-70 EACH	618.0100 MAINTENANCE AND REPAIR OF HAUL ROADS (PROJECT) 001. 6020-00-70 EACH	619.1000 MOBILIZATION EACH	642.5001 FIELD OFFICE TYPE B	REMARKS
PROJECT WIDE	1	1	1	1	
TOTAL	**1**	**1**	**1**	**1**	

3

REMOVING PAVEMENT

STATION	TO	STATION	LOCATION	204.0100 REMOVING PAVEMENT SY	204.0120 REMOVING ASPHALTIC SURFACE MILLING SY	REMARKS
STAGE 1						
610+00	-	615+00	USH 51	--	150	MILL 2-INCH 2-FT WIDE SHOULDER RUMBLE STRIPS
620+00	-	626+00	USH 51	--	267	MILL 2-INCH 4-FT WIDE IN DISTRESSED AREAS
638+00	-	642+00	USH 51	--	178	MILL 2-INCH 4-FT WIDE IN DISTRESSED AREAS
136+50 "EB"			STH 60	--	50	WB STH 60 INTERSECTION RUMBLE STRIP
STAGE 4						
212+50 "NB"	-	213+00 "NB"	USH 51	--	197	MILL WEDGE
114+75 "EB"	-	115+25 "EB"	USh 51/STH 60	--	197	MILL WEDGE
614+00	-	645+00	USH 51	6900	--	
			TOTAL	**6,900**	**1,039**	

REMOVING CURB AND GUTTER

STATION	STATION	LOCATION	REMOVING CURB & GUTTER 204.0150 LF	REMARKS
STAGE 1				
104+80 "EB" -	105+50 "EB"	NW QUADRANT	82	USH 51/ STH 60 INTERSECTION
105+80 "EB" -	106+30 "EB"	NE QUADRANT	83	USH 51/ STH 60 INTERSECTION
116+80 "EB" -	123+50 "EB"	NW QUADRANT	664	STH 22/ STH 60 INTERSECTION
116+80 "EB" -	123+50 "EB"	SW QUADRANT	672	STH 22/ STH 60 INTERSECTION
124+00 "EB" -	129+40 "EB"	NE QUADRANT	571	STH 22/ STH 60 INTERSECTION
124+00 "EB" -	124+50 "EB"	SE QUADRANT	59	STH 22/ STH 60 INTERSECTION
STAGE 4				
212+00 "NB"		STH 22 AND USH 51	40	STH 22/ USH 51 INTERSECTION
212+00 "NB"		STH 22 AND USH 51	40	STH 22/ USH 51 INTERSECTION
		TOTAL	**2,211**	

REMOVING STORM SEWER

STATION	OFFSET	204.0220 REMOVING INLETS EACH	204.0245.001 REMOVING STORM SEWER 15-INCH LF	204.0245.002 REMOVING STORM SEWER 18-INCH LF	REMARKS
STAGE 1					
121+20 "EB"	40 LT	3	--	73	RCP 18-INCH / 3 INLETS
STAGE 4					
624+90	25 LT	1	70	--	CMP 15-INCH / INLET
211+70	60 LT	1	62	--	CMP 15-INCH / INLET
	TOTAL	**5**	**132**	**73**	

REMOVING GUARDRAIL

STATION	STATION	REMOVING GURADRAIL 204.0165 LF	REMARKS
STAGE 1			
209+15 "NB" -	212+05 "NB"	290	
212+53 "NB" -	213+69 "NB"	116	
	TOTAL	**406**	

PRELIMINARY AND NOT FOR BIDDING PURPOSES

EARTHWORK SUMMARY

DIVISION	STATION	TO	STATION	205.0100 COMMON EXCAVATION (1) CUT (2)	205.0100 COMMON EXCAVATION (1) EBS EXCAVATION (3)	SALVAGED/UNUSABLE PAVEMENT MATERIAL	AVAILABLE MATERIAL (4)	UNEXPANDED FILL	EXPANDED FILL (5) FACTOR 1.25	MASS ORDINATE +/- (6)	WASTE	COMMENT
STAGE 1												
USH 51/STH 60 EB - WEST LEG	111+00	-	122+50	13,244	1,324	314	12,930	4	5	12,925	12,925	
STH 60 EB - EAST LEG	124+50	-	134+50	5,558	556	240	5,318	109	136	5,182	5,182	
USH 51/STH 60 WB - WEST LEG	120+00	-	122+50	599	60	101	498	24	30	468	468	
STH 60 WB - EAST LEG	124+50	-	128+50	1,598	160	120	1,478	0	0	1,478	1,478	
USH 51 NB - SOUTH LEG	210+50	-	219+00	5,603	560	387	5,216	35	44	5,172	5,172	
STH 22 NB - NORTH LEG	221+00	-	229+00	2,320	232	264	2,056	982	1,228	829	829	
USH 51 SB - SOUTH LEG	215+50	-	219+00	1,245	125	8	1,237	55	69	1,168	1,168	
STH 22 SB - NORTH LEG	221+00	-	225+00	683	68	102	581	1,017	1,271	-690	-690	
ROUNDABOUT CIRCLE	20+00	-	23+00	2,254	225	214	2,040	2	3	2,038	2,038	
DRIVEWAY AT STA. 127+25 LT	700+50	-	701+50	182	18	23	159	2	3	157	157	
DRIVEWAY AT STA. 128+75 LT	800+50	-	801+50	266	27	0	266	0	0	266	266	
STH 60 OBLITERATION	502+00	-	507+50	456	46	203	253	14	18	236	236	
USH 51 TEMPORARY WIDENING	640+00	-	650+00	623	62	0	623	67	84	539	539	
USH 51 TEMPORARY WIDENING	610+00	-	625+50	772	77	0	772	121	151	621	621	
STAGE 1 SUBTOTAL				**35,403**	**3,540**	**1,976**	**33,427**	**2,432**	**3,040**	**30,387**	**30,387**	
STAGE 2												
USH 51/STH 60 EB - WEST LEG	102+00	-	111+00	3,329	333	541	2,788	23	29	2,759	2,759	
USH 51 NB - SOUTH LEG	205+00	-	210+50	2,088	209	241	1,847	0	0	1,847	1,847	
STAGE 2 SUBTOTAL				**5,417**	**542**	**782**	**4,635**	**23**	**29**	**4,606**	**4,606**	
STAGE 3												
USH 51/STH 60 EB - WEST LEG	102+00	-	111+00	885	89	464	421	0	0	421	421	
USH 51 NB - SOUTH LEG	205+00	-	210+00	693	69	241	452	0	0	452	452	
STAGE 3 SUBTOTAL				**1,578**	**158**	**705**	**873**	**0**	**0**	**873**	**873**	
STAGE 4												
USH 51/STH 60 EB - WEST LEG	102+00	-	111+00	1,258	63	432	826	2	3	824	824	
USH 51 NB - SOUTH LEG	205+00	-	210+00	1,172	59	200	972	2	3	970	970	
USH 51 TEMPORARY WIDENING REMOVAL	645+50	-	650+00	138	0	28	110	3	4	106	106	
USH 51 TEMPORARY WIDENING REMOVAL	610+00	-	614+50	92	0	40	52	3	4	48	48	
USH 51 OBLITERATION	626+00	-	628+00	6,731	0	1,638	5,093	451	564	4,529	4,529	
STAGE 4 SUBTOTAL				**9,391**	**122**	**2,338**	**7,053**	**461**	**576**	**6,477**	**6,477**	
GRAND TOTAL				**51,789**	**4,361**	**5,801**	**45,988**	**2,916**	**3,645**	**42,343**	**42,343**	
	TOTAL COMMON EXC			**56,150**								

NOTES:

(1) COMMON EXCAVATION IS THE SUM OF THE CUT AND EBS EXCAVATION COLUMNS. ITEM NUMBER 205.0100

(2) SALVAGED/UNSUABLE PAVEMENT MATERIAL IS INCLUDED IN CUT.

(3) EBS EXCAVATION TO BE BACKFILLED WITH SELECT CRUSHED MATERIAL. NOTE: THIS IS DESIGNERS CHOICE, CAN BE BACKFILLED WITH CUT AS WELL.

(4) AVAILABLE MATERIAL = CUT - SALVAGED/UNUSUABLE PAVEMENT MATERIAL

(5) EXPANDED FILL FACTOR = 1.25

(6) THE MASS ORDINATE + OR - QTY CALCULATED FOR THE DIVISION. PLUS QUANTITY INDICATES AN EXCESS OF MATERIAL WITHIN THE DIVISION. MINUS INDICATES A SHORTAGE OF MATERIAL WITHIN THE DIVISION.

PRELIMINARY AND NOT FOR BIDDING PURPOSES

CONCRETE CURB AND GUTTER

STATION	TO	STATION	OFFSET	416.1010 CONCRETE SURFACE DRAINS CY	601.0405 18-INCH REJECT TYPE A LF	601.0411 30-INCH TYPE D LF	601.0553 4-INCH SLOPED 36-INCH TYPE D LF	601.0582 4-INCH SLOPED 36-INCH TYPE T LF	601.0600 PEDESTRIAN LF	650.5500 CONSTRUCTION STAKING CURB, GUTTER AND CURB & GUTTER LF	REMARKS
STAGE 1											
115+75 "EB"	-	121+80 "EB"	LT	1.5	--	--	513	--	--	513	
115+75 "EB"	-	121+80 "EB"	RT	1.5	--	--	514	--	--	514	
121+80 "EB"	-	122+00 "EB"	LT	--	--	106	--	--	--	106	
121+80 "EB"	-	121+30 "EB"	RT	--	--	51	--	--	--	51	
125+00 "EB"	-	125+50 "EB"	RT	--	--	70	--	--	--	70	
125+25 "EB"	-	126+10 "EB"	LT	--	--	79	--	--	--	79	
126+10 "EB"	-	129+25 "EB"	LT	1.5	--	--	326	--	--	326	
213+50 "NB"	-	217+50 "NB"	LT	--	--	--	396	--	--	396	
215+50 "NB"	-	217+50 "NB"	RT	--	--	--	194	--	--	194	
217+50 "NB"	-	218+40 "NB"	LT	--	--	85	--	--	--	85	
217+50 "NB"	-	218+50 "NB"	RT	--	--	99	--	--	--	99	
221+30 "NB"	-	222+70 "NB"	RT	--	--	130	--	--	--	130	
221+75 "NB"	-	222+70 "NB"	LT	1.5	--	87	--	--	--	87	
222+70 "NB"	-	223+10 "NB"	LT		--	40	--	--	--	40	
222+70 "NB"	-	223+75 "NB"	RT	1.5	--	--	105	--	--	105	
INNER CENTER MEDIAN				--	--	--	--	355	--	355	
OUTER CENTER MEDIAN				--	196	--	--	--	--	196	
NORTH ROUNDABOUT MEDIAN				--	--	210	--	--	48	258	
NORTH MEDIAN				--	--	--	311	--	--	311	
NORTHEAST TRUCK APRON				--	--	--	202	--	--	202	
EAST ROUNDABOUT MEDIAN				--	--	240	--	--	52	292	
EAST MEDIAN				--	--	--	364	--	--	364	
SOUTHEAST TRUCK APRON				--	--	--	184	--	--	184	
SOUTH ROUNDABOUT MEDIAN				--	--	393	306	--	31	730	
SOUTH WEST TRUCK APRON				--	--	--	269	--	--	269	
WEST ROUNDABOUT MEDIAN				--	--	387	192	--	39	618	
NORTHWEST TRUCK APRON				--	--	--	213	--	--	213	
			TOTAL	**8**	**196**	**1,977**	**4,089**	**355**	**170**	**6,787**	

PRELIMINARY AND NOT FOR BIDDING PURPOSES

CONCRETE PAVEMENT ITEMS

STATION	TO	STATION	LOCATION	405.0100 COLORING CONCRETE WISDOT RED CY	416.0512 CONCRETE TRUCK APRON 12-INCH SY	602.0405 CONCRETE SIDEWALK 4-INCH SF	602.0515 CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA SF	650.9000 CONSTRUCTION STAKING CURB RAMPS EACH	REMARKS
STAGE 1									
30+00 "NW"	-	33+00 "NW"	NORTHWEST APRON	48	145	--	--	--	
220+75 "NB"	-	221+75 "NB"	NORTH MEDIAN	--	--	1287	40	2	AT ROUNDABOUT
223+50 "NB"	-	225+00 "NB"	NORTH MEDIAN	--	--	1166	--	--	
41+00 "NE"	-	42+75 "NE"	NORTHEAST APRON	48	143	--	--	--	
124+75 "EB"	-	125+25 "EB"	EAST MEDIAN	--	--	1485	40	2	AT ROUNDABOUT
127+25 "EB"	-	129+00 "EB"	EAST MEDIAN	--	--	1163	--	--	
63+00 "SE"	-	64+75 "SE"	SOUTHEAST APRON	27	80	--	--	--	
216+00 "NB"	-	219+25 "NB"	SOUTH MEDIAN	--	--	2591	40	2	AT ROUNDABOUT
49+50 "SW"	-	52+00 "SW"	SOUTHWEST APRON	149	447	--	--	--	
120+00 "EB"	-	122+50 "EB"	WEST MEDIAN	--	--	2045	40	2	AT ROUNDABOUT
CIRCLE APRON				217	651	--	--	--	
			TOTAL	**489**	**1,466**	**9,737**	**160**	**8**	

CONCRETE MEDIAN

620.0300
CONCRETE MEDIAN SLOPE NOSE

STATION	OFFSET	SF	TYPE	REMARKS
STAGE 1				
120+00 "EB"	LT	37	1	WEST LEG
122+50 "EB"	LT	16	2	WEST LEG
122+50 "WB"	RT	32	2	WEST LEG
216+00 "NB"	LT	22	1	SOUTH LEG
219+50 "NB"	LT	16	2	SOUTH LEG
219+50 "SB"	RT	35	2	SOUTH LEG
124+50 "WB"	RT	16	2	EAST LEG
124+50 "EB"	LT	40	2	EAST LEG
125+00 "EB"	LT	41	1	EAST LEG
127+00 "EB"	LT	36	1	EAST LEG
129+00 "EB"	LT	36	1	EAST LEG
221+00 "NB"	LT	39	2	NORTH LEG
221+00 "SB"	RT	15	2	NORTH LEG
221+50 "NB"	LT	43	1	NORTH LEG
223+50 "NB"	LT	34	1	NORTH LEG
225+00 "NB"	LT	35	1	NORTH LEG
	TOTAL	**493**		

PRELIMINARY AND NOT FOR BIDDING PURPOSES

3

LANDSCAPING SUMMARY

STATION	TO	STATION	OFFSET	625.0105 TOPSOIL CY	625.0500 SALVAGED TOPSOIL SY	627.0200 MULCHING 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 1-3												
101+00 "EB"	-	117+00 "EB"	LT	--	9,963	5,314	6.3	261	5	269	112	
97+50 "EB"	-	113+00 "EB"	RT	--	1,863	1,863	1.2	50	--	50	21	
112+00 "EB"	-	214+00 "NB"	RT & LT	--	4,077	--	2.6	110	--	110	46	
199+50 "NB"	-	210+00 "NB"	LT	--	1,302	1,302	0.8	35	--	35	15	
127+00 "EB"	-	135+00 "EB"	LT	--	1,338	--	0.8	28	5	36	15	
126+50 "EB"	-	223+00 "NB"	RT	--	1,051	--	0.7	28	--	28	12	
223+00 "NB"	-	229+50 "NB"	RT	--	2,053	--	1.3	55	--	55	23	
222+00 "NB"	-	229+50 "NB"	LT	--	2,005	--	1.3	48	4	54	23	
117+00 "EB"	-	120+00 "EB"	LT	--	1,067	--	0.7	--	19	29	12	
120+50 "EB"	-	222+00 "NB"	LT	--	749	--	0.5	--	13	20	8	
210+50 "NB"	-	213+50 "NB"	LT	--	1,127	527	0.7	30	--	30	13	
204+50 "NB"	-	212+00 "NB"	RT	--	1,016	--	0.6	27	--	27	11	
212+50 "NB"	-	135+00 "EB"	RT	--	4,916	--	3.1	133	--	133	55	
UNDISTRIBUTED			--	--	813	225	1	20	1	22	9	
STAGE 1-3 SUBTOTAL				0	33339	9231	21	828	48	900	374	
STAGE 4												
199+50 "NB"	-	208+00 "NB"	LT	--	1,494	--	0.9	40	--	40	17	
208+00 "NB"	-	210+50 "NB"	LT	--	507	--	0.3	14	--	14	6	
97+50 "EB"	-	109+00 "EB"	RT	--	2,380	--	1.5	64	--	64	27	
624+00	-	640+50	LT & RT	400	14,767	14,676	9.3	399	--	399	166	PLACE TOPSOIL AS ENGINEER DIRECTS
STAGE 4 SUBTOTAL				400	19148	14676	12	517	0	517	215	
TOTAL				**400**	**52,487**	**23,907**	**33**	**1,345**	**48**	**1,417**	**589**	

USE #40 SEED FOR URBAN RESIDENTIAL AREA

USE #20 SEED FOR ROUNDABOUT ISLAND AND BETWEEN CURB AND CONCRETE SIDEWALK AND ALL OTHER LOCATIONS NOT DESCRIBED ABOVE

PRELIMINARY - NOT FOR BIDDING PURPOSES

3

EROSION CONTROL

STATION	TO	STATION	OFFSET	628.1104 EROSION BALES EACH	628.1504 SILT FENCE LF	628.1520 SILT FENCE MAINTENANCE LF	628.1905 MOBILIZATIONS EROSION CONTROL EACH	628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL EACH	628.2004 EROSION MAT CLASS I TYPE B SY	628.7005 INLET PROTECTION TYPE A EACH	628.7015 INLET PROTECTION TYPE C EACH	628.7504 TEMPORARY DITCH CHECKS LF	628.7555 CULVERT PIPE CHECKS EACH	REMARKS
STAGE 1-3														
101+00 "EB"	-	117+00 "EB"	LT	--	1,645	4,935	--	--	4,649	--	--	36	--	
97+50 "EB"	-	113+00 "EB"	RT	--	1,160	3,480	--	--	--	--	--	12	2	
112+00 "EB"	-	214+00 "NB"	RT & LT	--	485	1,455	--	--	4,077	9	9	36	2	
199+50 "NB"	-	210+00 "NB"	LT	--	929	2,787	--	--	--	--	--	36	2	
127+00 "EB"	-	135+00 "EB"	LT	--	693	2,079	--	--	1,338	--	--	12	--	
126+50 "EB"	-	223+00 "NB"	RT	--	188	564	--	--	1,051	6	6	--	--	
223+00 "NB"	-	229+50 "NB"	RT	--	653	1,959	--	--	2,053	1	1	12	--	
222+00 "NB"	-	229+50 "NB"	LT	--	683	2,049	--	--	2,005	--	--	24	--	
117+00 "EB"	-	120+00 "EB"	LT	--	--	--	--	--	1,067	1	1	--	--	
120+50 "EB"	-	222+00 "NB"	LT	--	--	--	--	--	749	3	3	--	--	
210+50 "NB"	-	213+50 "NB"	LT	--	--	--	--	--	600	1	1	24	--	
204+50 "NB"	-	212+00 "NB"	RT	--	641	1,923	--	--	1,016	--	--	--	2	
212+50 "NB"	-	135+00 "EB"	RT	--	1,682	5,046	--	--	4,916	6	6	12	--	
UNDISTRIBUTED			--	20	219	657	10	4	588	--	--	--	--	
STAGE 1-3 SUBTOTAL				20	8978	26934	10	4	24107	27	27	204	8	
STAGE 4														
199+50 "NB"	-	208+00 "NB"	LT	--	--	--	--	--	1,494	--	--	--	--	
208+00 "NB"	-	210+50 "NB"	LT	--	--	--	--	--	507	--	--	--	--	
97+50 "EB"	-	109+00 "EB"	RT	--	--	--	--	--	2,380	--	--	--	--	
624+00	-	640+50	LT & RT	--	1,800	3,600	--	--	--	--	--	72	--	USH 51
UNDISTRIBUTED			--	--	45	90	3	2	110	--	--	--	--	
STAGE 4 SUBTOTAL				0	1,845	3690	3	2	4491	0	0	72	0	
TOTAL				**20**	**10,823**	**30,624**	**13**	**6**	**28,598**	**27**	**27**	**276**	**8**	

PRELIMINARY AND NOT FOR BIDDING PURPOSES

3

AGGREGATE AND WATER SUMMARY

STATION	TO	STATION	LOCATION	305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	312.0110 SELECT CRUSHED MATERIAL TON	624.0100 WATER MGAL	645.0220 GEOGRID TYPE SR SY	REMARKS
STAGE 1									
610+00	-	626+00	TEMPORY OUTSIDE WIDENING	67	315	855	6	--	
637+50	-	638+50	TEMP TURN LAN	6	28	84	1	--	
639+50	-	650+50	TEMPORY OUTSIDE WIDENING	48	315	855	5	--	
209+00 "NB"	-	223+50 "NB"	CIRCLE / SOUTH LEG	173	9,165	8,668	140	13,686	INCLUDES TRUCK APRON QUANTITY
111+00 "EB"	-	120+00 "EB"	WEST LEG	125	2,197	2,735	35	4,318	
223+50 "NB"	-	229+00 "NB"	NORTH LEG	166	1,489	1,822	25	2,877	
127+00 "EB"	-	134+50 "EB"	EAST LEG	99	1,854	2,275	29	3,592	
N/A	-	N/A	STAGE 1 EARTHWORK EBS	--	--	6,555	--	--	
			STAGE 1 SUBTOTAL	685	15,362	23,849	241	24,473	
STAGE 2									
102+00 "EB"	-	111+00 "EB"	WEST LEG	143	1,060	1,290	16	2,036	
205+00 "NB"	-	209+00 "NB"	SOUTH LEG	60	619	551	10	871	
N/A	-	N/A	STAGE 2 EARTHWORK	--	--	1,030	--	--	
			STAGE 2 SUBTOTAL	203	1,679	2,871	26	2,907	
STAGE 3									
102+00 "EB"	-	111+50 "EB"	WEST LEG	0	914	1,158	14	1,828	
205+00 "NB"	-	210+50 "NB"	SOUTH LEG	0	689	661	10	1,043	
N/A	-	N/A	STAGE 3 EARTHWORK	--	--	300	--	--	
			STAGE 3 SUBTOTAL	0	1,603	2,119	24	2,872	
STAGE 4									
102+00 "EB"	-	111+50 "EB"	WEST LEG	151	196	192	5	304	
205+00 "NB"	-	210+50 "NB"	SOUTH LEG	86	183	117	4	184	
N/A	-	N/A	STAGE 4 EARTHWORK	--	--	232	--	--	
			STAGE 4 SUBTOTAL	236	379	541	9	488	
			TOTAL	**1,124**	**19,023**	**29,379**	**300**	**30,739**	

PRELIMINARY AND NOT FOR BIDDING PURPOSES

ASPHALTIC RUMBLE STRIPS

STATION	TO	STATION	OFFSET	LOCATION	465.0425 ASPHALTIC SHOULDER RUMBLE STRIPS 2-LANE RURAL LF	465.0475 ASPHALTIC CENTER LINE RUMBLE STRIPS 2-LANE RURAL LF	REMARKS
STAGE 4							
100+00 "EB"	-	114+00 "EB"	--	USH 51/STH 60 CENTERLINE	--	400	
100+00 "EB"	-	115+00 "EB"	LT & RT	USH 51/STH 60 EB AND WB	3000	--	TYPE I
133+00 "EB"		134+50 "EB"	--	STH 60 CENTERLINE	--	150	
129+00 "EB"	-	134+50 "EB"	RT	STH 60 EB	550	--	TYPE I
129+75 "WB"	-	134+50 "WB"	LT	STH 60 WB	475	--	TYPE I
205+00 "NB"	-	213+00 "NB"	--	USH 51 CENTERLINE	--	800	
205+00 "NB"	-	213+25 "NB"	LT	USH 51 NB	825	--	TYPE I
205+00 "NB"	-	215+50 "NB"	RT	USH 51 SB	1050	--	TYPE I
228+25 "NB"	-	229+00 NB	--	STH 22 CENTERLINE	--	75	
225+00 "NB"	-	229+00 NB	LT & RT	STH 22 NB AND SB	800	--	TYPE I
				TOTAL	**6700**	**1425**	

GUARDRAIL

STATION	TO	STATION	OFFSET	LOCATION	614.2300 MGS GUARDRAIL 3 LF	614.2610 MGS GURADRAIL TERMINAL EAT EACH	REMARKS
STAGE 4							
208+24 "NB"	-	208+74 "NB"	RT	USH 51 NB	--	1	
208+74 "NB"	-	211+55 "NB"	RT	USH 51 NB	275	--	
211+55 "NB"	-	212+05 "NB"	RT	USH 51 NB	--	1	
212+58 "NB"	-	213+08 "NB"	RT	USH 51 NB	--	1	
213+08 "NB"	-	213+90 "NB"	RT	USH 51 NB	75	--	
213+90 "NB"	-	214+40 "NB"	RT	USH 51 NB	--	1	
				TOTAL	**350**	**4**	

PRELIMINARY AND NOT FOR BIDDING PURPOSES

3

ASPHALT PAVEMENT

STATION	TO	STATION	LOCATION	AREA SY	PAVEMENT DEPTH IN	455.0605 TACK COAT GAL	460.6224 HMA PAVEMENT 4 MT 58-28 S TON	460.6424 HMA PAVEMENT 4 MT 58-28 H TON	465.0120 ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES TON	465.0125 ASPHALTIC SURFACE TEMPORARY TON	REMARKS
STAGE 1											
610+00	-	615+00	SHOULDER RUMBLE STRIPS	150	2	11	--	17	--	17	
610+00	-	625+50	OUTSIDE WIDENING	1350	4	--	--	--	--	302	
620+00	-	626+00	OUTSIDE WHEEL PATH	267	2	19	--	--	--	30	DISTRESSED LOCATIONS
639+50	-	650+50	OUTSIDE WIDENING	1350	4	--	--	--	--	302	
638+00	-	642+00	OUTSIDE WHEEL PATH	178	2	12	--	--	--	20	DISTRESSED LOCATIONS
136+50 "EB"			INTERSECTION RUMBLE STRIP	50	2	4	6	--	--	--	
111+15"EB"		115+25 "EB"	MAINLINE	1462	4	102	327	--	--	11	TWO BINDER LIFTS
115+25 "EB"	-	122+50 "EB"	MAINLINE	3145	6	440	704	352	70	--	
124+00 "EB"	-	134+50 "EB"	MAINLINE	4450	6	623	997	498	48	--	
209+00 "NB"	-	213+00 "NB"	MAINLINE	1236	4	87	277	--	--	41	TWO BINDER LIFTS
213+00 "NB"	-	219+25 "NB"	MAINLINE	2983.7	6	418	668	334	20	--	
221+00 "NB"	-	229+00 "NB"	MAINLINE	3526	6	494	790	395	21	--	
CIRCLE				1288	6	180	289	144	0	--	
			STAGE 1 SUBTOTAL			2390	4058	1740	159	723	
STAGE 2											
102+00 "EB"	-	111+15 "EB"	WESTBOUND WEST LEG	1731	4	121	388	--	--	--	
205+00 "NB"	-	209+00 "NB"	NORTHBOUND SOUTH LEG	743	4	52	166	--	--	--	
			STAGE 2 SUBTOTAL			173	554	0	0	0	
STAGE 3											
102+00 "EB"	-	111+75 "EB"	EASTBOUND WEST LEG	1290	4	90	289	--	--	--	
205+00 "NB"	-	210+50 "NB"	SOUTHBOUND SOUTH LEG	736	4	52	165	--	--	--	
			STAGE 3 SUBTOTAL			142	454	0	0	0	
STAGE 4											
102+00 "EB"	-	111+75 "EB"	EASTBOUND SHOULDER	538	4	38	121	--	--	--	
102+00 "EB"		115+25 "EB"	MAINLINE	5006	2	350	--	561	--	--	SURFACE LIFT
205+00 "NB"	-	210+50 "NB"	SOUTHBOUND SHOULDER	307	4	21	69	--	--	--	
205+00 "NB"	-	213+00 "NB"	MAINLINE	3022	2	212	--	338	55	--	SURFACE LIFT
			STAGE 4 SUBTOTAL			621	190	899	55	0	
			TOTAL			**3,326**	**5,256**	**2,639**	**214**	**723**	

PRELIMINARY AND NOT FOR BIDDING PURPOSES

CROSS PIPE AND ENDWALL SUMMARY

INLET			OUTLET			521.1518 APRON ENDWALLS FOR CULVERT PIPE SLOPED SIDE DRAINS STEEL 18-INCH 6 TO 1	521.1524 APRON ENDWALLS FOR CULVERT PIPE SLOPED SIDE DRAINS STEEL 24-INCH 6 TO 1	521.3118 CULVERT PIPE CORRUGATED STEEL 18-INCH	521.3124 CULVERT PIPE CORRUGATED STEEL 24-INCH	522.1018 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 18-INCH	650.6000 CONSTRUCTION STAKING PIPE CULVERTS	
STATION	OFFSET	ELEVATION	STATION	OFFSET	ELEVATION	EACH	EACH	LF	LF	EACH	EACH	REMARKS
STAGE 1												
134+04 "WB"	31' LT	1068.34	131+60 "WB"	32' LT	1066.28	2	--	56	--	--	1	DRIVEWAY CULVERT
226+70 "NB"	47' LT	1043.25	227+08 "NB"	42' LT	1041.91	--	2	--	39	--	1	DRIVEWAY CULVERT
EW10.0						--	1	--	--	--	--	CONCRETE STORM SEWER
EW11.0						--	1	--	--	--	--	CONCRETE STORM SEWER
EW12.0						1	--	--	--	--	--	CONCRETE STORM SEWER
EW13.0						--	--	--	--	1	--	CONCRETE STORM SEWER
STAGE 2												
207+16 "NB"	34' RT	1083.34	206+60 "NB"	34' RT	1082.37	2	--	56	--	--	1	DRIVEWAY CULVERT
STAGE 4												
109+18 "EB"	37' RT	1031.25	108+90 "EB"	37' RT	1030.25	--	2	--	28	--	1	DRIVEWAY CULVERT
208+13 "NB"	34' LT	1084.79	207+81 "NB"	34' LT	1084.44	2	--	32	--	--	1	DRIVEWAY CULVERT
					TOTAL	**7**	**6**	**144**	**67**	**1**	**5**	

PIPE UNDERDRAIN ITEMS

SPV.0090.01
PIPE UNDERDRAIN (6-INCH)
WITH GEOTEXTILE FABRIC
AND AGGREGATE

STATION	TO	STATION	OFFSET	LF	REMARKS
STAGE 1					
118+20 "EB"	-	121+25 "EB"	RT	305	CONNECTS INLET 12 TO 13.1
121+25 "EB"	-	122+60 "EB"	RT	135	CONNECTS INLET 13.1 TO 10.4
118+20 "WB"	-	123+00 "WB"	LT	500	CONNECTS INLET 12.1 TO 10.1
220+80 "SB"	-	221+80 "SB"	LT	100	CONNECTS INLET 10.0 TO 10.1
215+50 "SB"	-	218+00 "SB"	LT	250	CONNECTS INLET 10.6 TO 10.5
218+00 "SB"	-	219+25 "SB"	LT	125	CONNECTS INLET 10.5 TO 10.4
50+50 "SW"	-	51+20 "SW"	RT	70	CONNECTS INLET 10.4 TO 10.3
60+00 "SE"	-	62+45 "SE"	RT	245	BEGINS AT START OF CURB AND CONNECTS TO INLET 10.52
40+50 "NE"	-	41+80 "NE"	RT	130	CONNECTS INLET 11.2 TO 11.1
124+20 "WB"	-	126+60 "WB"	LT	240	BEGINS AT HIGHPOINT OF CURB AND CONNECTS TO INLET 11.2
20+00 "C"	-	23+67 "C"	LT	367	CONNECTIONS INLET 11.21 AND 11.22
			TOTAL	**2467**	

MARKERS CULVERT END

633.5200
MARKERS
CULVERT
END

STATION	OFFSET	EACH	REMARKS
STAGE 1			
223+00 "NB"	LT	1	EW10.0
223+50 "NB"	RT	1	EW11.0
115+50 "EB"	RT	1	EW12.0
1211+50 "EB"	LT	1	EW13.0
	TOTAL	**4**	

PRELIMINARY AND NOT FOR BIDDING PURPOSES

STORM SEWER PIPES

FROM	-	TO	608.0005 STORM SEWER ROCK EXCAVATION CY	608.0415 REINFORCED CONCRETE CLASS IV 15-INCH LF	608.0418 REINFORCED CONCRETE CLASS IV 18-INCH LF	608.0424 REINFORCED CONCRETE CLASS IV 24-INCH LF	INLET ELEVATION	DISCHARGE ELEVATION	SLOPE FT/FT
STAGE 1									
IN10.0	-	EW10.0	--	--	--	118	1064.45	1061.30	0.0267
IN10.1	-	IN10.0	--	--	--	87	1068.00	1067.11	0.0100
IN10.2	-	IN10.1	3	--	--	79	1069.80	1069.01	0.0100
IN10.3	-	IN10.2	10	--	--	51	1070.31	1069.80	0.0100
IN10.4	-	IN10.3	7	--	67	--	1071.48	1070.81	0.0100
IN10.5	-	IN10.4	28	--	124	--	1072.72	1071.48	0.0100
IN10.6	-	IN10.5	9	--	249	--	1076.00	1073.51	0.0100
IN10.7	-	IN10.6	--	--	18	--	1076.20	1076.00	0.0100
IN10.42	-	IN10.41	9	--	28	--	1072.00	1071.86	0.0050
IN10.41	-	IN10.4	16	--	57	--	1071.86	1071.57	0.0050
IN10.52	-	IN10.51	10	--	31	--	1073.00	1072.85	0.0050
IN10.51	-	IN10.5	8	--	26	--	1072.85	1072.72	0.0050
IN11.0	-	EW11.0	--	--	--	25	1059.05	1058.92	0.0050
IN11.1	-	IN11.0	--	--	--	185	1065.00	1059.05	0.0321
IN11.2	-	IN11.1	--	--	--	122	1068.34	1067.12	0.0100
IN11.3	-	IN11.2	--	--	--	38	1068.53	1068.34	0.0050
IN11.4	-	IN11.3	22	--	--	62	1068.84	1068.53	0.0050
IN11.5	-	IN11.4	12	--	33	--	1069.50	1069.34	0.0050
IN11.21	-	IN11.2	--	38	--	--	1069.75	1069.37	0.0100
IN11.22	-	IN11.21	--	20	--	--	1069.95	1069.75	0.0100
IN11.11	-	IN11.1	--	19	--	--	1067.80	1067.61	0.0100
IN12.0	-	EW12.0	--	--	273	--	1066.82	1060.86	0.0218
IN12.1	-	IN12.0	--	--	45	--	1067.27	1066.82	0.0100
MH13	-	EW13.0	--	--	7	--	1071.91	1071.88	0.0050
IN13.1	-	MH13.0	--	--	63	--	1072.22	1071.91	0.0050
IN13.2	-	IN13.1	--	--	7	--	1072.30	1072.23	0.0100
		TOTAL	**135**	**77**	**1028**	**767**			

RIPRAP

STATION	OFFSET	606.0200 RIPRAP MEDIUM CY	645.0120 GEOTEXTILE FABRIC TYPE HR SY	REMARKS
STAGE 1				
115+30 "EB"	25' RT	14	28	25 FT X 10 FT
115+50 "EB"	40' LT	14	28	25 FT X 10 FT
121+50 "EB"	50' LT	1	3	MATCH EXISTING RIPRAP
129+50 "EB"	45' LT	14	28	25 FT X 10 FT
223+25 "NB"	40' LT	25	50	30 FT 15 FT
223+90 "NB"	30' RT	25	50	30 FT 15 FT
TOTAL		**93**	**186**	

PRELIMINARY AS BUILT
NOT FOR BIDDING PURPOSES

STORM SEWER STRUCTURES

STRUCTURE	STATION	OFFSET*	611.0530 MANHOLE COVERS TYPE J EACH	611.0624 INLET COVERS TYPE H EACH	611.0627 INLET COVERS TYPE HM EACH	611.0642 INLET COVERS TYPE MS EACH	611.0652 INLET COVERS TYPE T EACH	611.1006 CATCH BASINS 6-FT DIAMETER EACH	611.2004 MANHOLES 4-FT DIAMETER EACH	611.3004 INLETS 4-FT DIAMETER EACH	611.3230 INLETS 2X3-FT EACH	611.3901 INLETS MEDIAN 1 GRATE EACH	650.4000 CONSTRUCTION STAKING STORM SEWER EACH	RIM ELEVATION	INVERT** ELEVATION	DEPTH*** FT	REMARKS
STAGE 1																	
IN10.0	221+80.00 "SB"	17.5' LT	--	1	--	--	--	--	--	1	--	--	1	1071.80	1064.45	6.61	
IN10.1	32+00.00 "NW"	2' LT	--	--	1	--	--	--	--	1	--	--	1	1075.15	1068.00	6.40	
IN10.2	122+54.00 "WB"	1.5' RT	--	1	--	--	--	--	--	1	--	--	1	1076.32	1069.80	5.77	
IN10.3	50+50.00 "SW"	2' RT	--	--	1	--	--	--	--	1	--	--	1	1076.55	1070.31	5.49	
IN10.4	51+20.00 "SW"	2' RT	--	--	1	--	--	--	--	1	--	--	1	1076.94	1071.48	4.67	
IN10.5	218+00.00 "SB"	17.5' LT	--	1	--	--	--	--	--	1	--	--	1	1078.51	1072.72	5.00	
IN10.6	215+50.00 "SB"	18' LT	--	--	1	--	--	--	--	1	--	--	1	1082.23	1076.00	5.44	
IN10.7	215+80.00 "SB"	38' LT	--	--	--	1	--	--	--	--	--	1	1	1079.77	1076.20	3.78	NO SLOPE OPTION
IN10.41	219+20.00 "NB"	1.5' LT	--	1	--	--	--	--	--	1	--	--	1	1076.74	1071.86	4.09	
IN10.42	63+50.00 "SE"	2' RT	--	--	1	--	--	--	--	--	1	--	1	1076.50	1072.00	3.71	
IN10.51	218+00.00 "NB"	1.5' LT	--	1	--	--	--	--	--	--	1	--	1	1078.58	1072.84	4.94	
IN10.52	218+00.00 "NB"	29.5' RT	--	1	--	--	--	--	--	--	1	--	1	1078.02	1073.00	4.23	
IN11.0	223+50.00 "NB"	18' RT	--	--	1	--	--	--	--	1	--	--	1	1064.09	1059.05	4.29	
IN11.1	221+62.00"NB"	17.5' RT	--	1	--	--	--	--	--	1	--	--	1	1072.51	1065.00	6.76	
IN11.2	41+92.29 "NE"	2' LT	--	--	1	--	--	1	--	--	--	--	1	1074.72	1068.34	5.38	NO SUMP
IN11.3	20+64.00 "C"	30' RT	--	1	--	--	--	--	--	1	--	--	1	1075.06	1068.53	5.78	
IN11.4	64+17.88 "SE"	2' RT	--	--	1	--	--	--	--	1	--	--	1	1075.45	1068.84	5.86	
IN11.5	219+37.00 "NB"	86.9' RT	--	--	--	1	--	--	--	--	--	1	1	1072.00	1069.50	2.71	NO SLOPE OPTION
IN11.11	221+62.00 "NB"	1.5' LT	--	1	--	--	--	--	--	--	1	--	1	1072.82	1067.80	4.21	
IN11.21	20+90.00 "C"	1.7' LT	--	--	--	--	1	--	--	1	--	--	1	1074.81	1069.75	4.17	
IN11.22	21+10.85 "C"	1.7' LT	--	--	--	--	1	--	--	1	--	--	1	1074.74	1069.95	3.90	
IN12.0	118+20.00 "EB"	18' RT	--	--	1	--	--	--	--	1	--	--	1	1072.17	1066.82	4.55	
IN12.1	118+20.00 "WB"	18' LT	--	--	1	--	--	--	--	--	1	--	1	1072.32	1067.27	4.26	
MH13	30+30.00 "NW"	14' LT	1	--	--	--	--	--	1	--	--	--	1	1075.74	1071.91	2.79	
IN13.1	121+25.00 "EB"	17.5' RT	--	1	--	--	--	--	--	1	--	--	1	1076.10	1072.22	3.08	
IN13.2	121+25.00 "EB"	25' RT	--	--	--	1	--	--	--	--	--	1	1	1076.20	1072.30	4.11	NO SLOPE OPTION
EW10.0	222+96.64 "SB"	33.5' LT	--	--	--	--	--	--	--	--	--	--	1	--	1063.55	--	INVERT IS TO END OF ATTACHED PIPE. NOT END OF ENDWALL
EW11.0	223+73.77 "NB"	27' RT	--	--	--	--	--	--	--	--	--	--	1	--	1061.17	--	
EW12.0	115+47.46 "EB"	33.1' RT	--	--	--	--	--	--	--	--	--	--	1	--	1062.57	--	
EW13.0	30+30.13 "NW"	20.6' LT	--	--	--	--	--	--	--	--	--	--	1	--	1073.59	--	
		TOTAL	**1**	**10**	**10**	**3**	**2**	**1**	**1**	**16**	**5**	**3**	**30**				

REMARKS

* STATIONS AND OFFSETS ARE TO CENTER OF STRUCTURE

** THE INVERT ELEVATION IS THE ELEVATION OF THE LOWEST PIPE FLOW LINE

*** DEPTH = RIM ELEV - TOP OF STRUCTURE BASE ELEV - COVER HEIGHT - 6-INCH ADJUSTMENT RING HEIGHT (EXCLUDES INLETS MEDIAN 1 GRATE INLETS)

*** DEPTH = RIM ELEV - TOP OF STRUCTURE BASE ELEV (INLET MEDIAN 1 GRATE)

COVER HEIGHT = 4 INCHES FOR TYPE H AND HM, 5.5 INCHES FOR TYPE T, 9 INCHES FOR TYPE J

PRELIMINARY AND NOT FOR BIDDING PURPOSES

REMOVING & MOVING SIGNS AND SUPPORTS

SIGN NO.	LOCATION	OFFSET	REMOVE OR MOVE PRIOR TO STAGE	SIGN WORDING & PICTORIALS	638.2102 MOVING SIGNS TYPE II EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	638.4000 MOVING SMALL SIGN SUPPORTS EACH	REMARKS
R1-01	STH 60/USH 51 EB	RT	1	JUNCTION STH 22	--	1	1	--	
R1-02	STH60/USH 51 EB	RT	4	JUNCTION STH 22, STH 60, USH 51, IH 39	--	1	2	--	
R1-03	STH60/USH 51 EB	RT	1	COLUMBUS; WYOCENA; MADISON	--	1	2	--	
R1-04	STH60/USH 51 EB	RT	1	DOUBLE ARROW HEAD	--	1	1	--	
R1-05	STH60/USH 51 EB	RT	1	NORTH 22 LEFT; EAST 60 LEFT	--	1	1	--	
R1-06	STH60/USH 51 WB	RT	3	WEST STH 60; NORTH USH 51; ALTERNATE IH 39	--	1	1	--	
R1-07	STH60/USH 51 WB	RT	1	NORTH USH 51 RIGHT; WEST STH 60 RIGHT	--	1	1	--	
R1-08	STH60/USH 51 WB	RT	1	STOP	--	1	1	--	
1-M1	STH60/USH 51 EB	LT	1	NO PASSING ZONE	1	--	--	--	
1-M2	STH60/USH 51 WB	LT	1	ADOPT A HIGHWAY	1	--	--	--	MOUNTED OPPOSITE 0F 1-M1
1-M3	STH60/USH 51 WB	LT	1	ARLINGTON 2; LODI 10; PORTAGE 16	1	--	2	--	
R1-09	USH 51 EB	RT	1	SOUTH USH 51; ALTERNATE IH 39	--	1	1	--	
R1-10	STH 60 EB	RT	1	NORTH STH 22; EAST STH 60	--	1	1	--	
R1-11	STH 60 WB	RT	1	LEFT ARROW	--	1	1	--	
R1-12	STH 60 WB	RT	1	STOP AHEAD	--	1	1	--	
R1-13	STH 60 WB	RT	1	LEFT TURN ARROW WITH 25 M.P.H. ADVISORY SPEED	--	1	1	--	
R1-14	STH 60 EB	RT	1	STOP AHEAD	--	1	1	--	
R1-15	STH 60 EB	RT	1	NORTH LEEDS UNICORPORATED	--	1	1	--	
R1-16	STH 60 EB	RT	1	NORTH STH 22; EAST STH 60	--	1	1	--	
R1-17	STH 60 EB	RT	1	COLUMBUS; WYOCENA	--	1	1	--	
1-M4	STH 60 EB	RT	1	ADOPT A HIGHWAY	1	--	--	--	
R2-01	USH 51 NB	RT	1	JUNCTION 22; JUNCTION 60	--	1	1	--	
R2-02	USH 51 NB	RT	3	NORTH USH 51 LEFT; WEST STH 60 LEFT; ALTERNATE IH 39 LEFT	--	1	2	--	
R2-03	USH 51 NB	RT	1	NORTH STH 22 AHEAD; EAST STH 60 AHEAD	--	1	1	--	
R2-04	USH 51 NB	RT	1	WYOCENA; PORTAGE; LODI	--	1	1	--	
2-M1	USH 51 SB	LT	4	NO PASSING ZONE	1	--	--	--	MOUNTED OPPOSITE OF R2-02
2-M2	USH 51 NB	LT	4	NO PASSING ZONE	1	--	--	--	
2-M3	USH 51 SB	RT	1	DEFOREST 5; MADISON 13	1	--	--	--	
2-M4	USH 51 SB	RT	1 & 4	SPEED LIMIT 55 MPH	2	--	--	1	MOVED ONCE IN STAGE 1 AND ONCE IN STAGE 4
R2-05	USH 51 NB	RT	1	NORTH USH 51 LEFT; WEST STH 60 LEFT; ALTERNATE IH 39 LEFT	--	1	2	--	
R2-06	STH 22 NB	RT	1	NORTH LEEDS UNICORPORATED	--	1	2	--	
R2-07	STH 22 NB	RT	1	REDUCED SPEED LIMIT 45 M.P.H. AHEAD	--	1	1	--	
R2-08	STH 22 NB	RT	1	NORTH STH 22 AHEAD; EAST STH 60 RIGHT	--	1	1	--	
R2-09A	STH 22 SB	LT	1	DO NOT ENTER	--	1	1	--	
R2-09B	STH 22 SB	LT	1	WRONG WAY	--	1	--	--	MOUNTED BELOW R2-09A
R2-10	STH 22 SB	LT	1	KEEP RIGHT	--	1	1	--	
R2-11	STH 22 NB	RT	1	WYOCENA: COLUMBUS	--	1	2	--	
R2-12	STH 22 NB	RT	1	SPEED LIMIT 45 M.P.H.	--	1	1	--	
R2-13	STH 22 SB	LT	1	STOP AHEAD	--	1	--	--	MOUNTED OPPOSITE OF R2-12
				SUBTOTAL	**9**	**31**	**37**	**1**	

CONTINUED ON NEXT PAGE

PRELIMINARY - NOT FOR BIDDING PURPOSES

REMOVING & MOVING SIGNS AND SUPPORTS (CONTINUED)

SIGN NO.	LOCATION	OFFSET	REMOVE OR MOVE PRIOR TO STAGE	SIGN WORDING & PICTORIALS	638.2102 MOVING SIGNS TYPE II EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	638.4000 MOVING SMALL SIGN SUPPORTS EACH	REMARKS
R2-14	STH 22 NB	LT	1	NO PASSING ZONE	--	1	1	--	
R2-15	STH 22 SB	LT	3	STOP	--	1	1	--	
R2-16	USH 51 SB	RT	1	DOUBLE ARROW HEAD	--	1	1	--	
R2-17	STH 22 NB	LT	1	DO NOT ENTER	--	1	1	--	
R2-18	STH 22 SB	RT	1	SOUTH USH 51 LEFT; NORTH USH 51 RIGHT	--	1	--	--	MOUNTED OPPOSITE OF R2-17
R2-19	STH 22 SB	RT	3	STOP	--	1	1	--	
R2-20	STH 22 SB	RT	1	USH 51 RIGHT	--	1	1	--	
R2-21	STH 22 SB	RT	1	STOP AHEAD	--	1	1	--	
2-M5	USH 51 SB	RT	1 & 4	SOUTH USH 51; ALTERNATE IH 39	2	--	--	1	MOVED ONCE IN STAGE 1 AND ONCE IN STAGE 4
R3-01A	STH 60 EB	RT	1	STOP	--	1	1	--	
R3-01B	STH 60 EB	RT	1	CROSS TRAFFIC DOES NO STOP	--	1	--	--	MOUNTED BELOW R3-01A
R3-02	STH 60 EB	RT	1	NORTH STH 22 LEFT	--	1	1	--	
R3-03	STH 60 WB	RT	1	STOP	--	1	--	--	MOUNTD OVERHEAD
R3-04	STH 22 NB	RT	1	WEST STH 60 LEFT; EAST STH 60 RIGHT	--	1	1	--	
R3-05A	STH 60 EB	RT	1	EAST STH 60	--	1	2	--	
R3-05B	STH 60 EB	RT	1	COLUMBUS 16	--	1	--	--	MOUNTED BELOW R3-05A
R3-06	STH 60 WB	RT	1	LODI; MADISON; WYOCENA	--	1	2	--	
R3-07	STH 60 WB	LT	1	STOP AHEAD	--	1	1	--	
R3-08	STH 60 WB	LT	1	NO PASSING ZONE	--	1	1	--	
R3-09	STH 60 WB	RT	1	NORTH USH 51 AHEAD; WEST STH 60 AHEAD	--	1	1	--	
R3-10	STH 22 SB	RT	1	EAST STH 60 LEFT; NORTH USH 51 RIGHT; WEST STH 60 RIGHT	--	1	2	--	
R3-11	STH 22 NB	RT	1	NORTH STH 22	--	1	1	--	
R3-12	STH 60 WB	RT	1	SOUTH USH 51 LEFT; WEST STH 60 AHEAD; NORTH STH 22 RIGHT	--	1	2	--	
R3-13	STH 60 WB	RT	1	STOP	--	1	--	--	MOUNTED ON OVERHEAD SIGN POLE
R3-14	STH 60 WB	RT	1	CROSS TRAFFIC DOES NO STOP	--	1	--	--	MOUNTED ON OVERHEAD SIGN POLE
R3-15	STH 60 WB	RT	1	NORTH LEEDS UNICORPORATED	--	1	2	--	
R3-16	STH 60 WB	RT	1	WEST STH 60 AHEAD; NORTH STH 22 RIGHT	--	1	1	--	
R3-17	STH 60 WB	RT	1	SOUTH USH 51 LEFT; NORTH USH 51 AHEAD	--	1	1	--	
R3-18	STH 60 WB	RT	1	STOP AHEAD	--	1	1	--	
R3-19	STH 60 WB	RT	1	JUNCTION STH 22 AND USH 51	--	1	1	--	
R3-20	STH 22 NB	RT	1	STOP	--	1	1	--	
R3-21	STH 22 NB	RT	1	WYOCENA 12	--	1	2	--	
R3-22	STH 22 SB	RT	1	SPEED LIMIT 45 MPH	--	1	1	--	
R3-23	STH 22 SB	RT	1	MADISON; COLUMBUS; LODI	--	1	2	--	
R3-24	STH 22 SB	RT	1	SOUTH USH 51 AHEAD; NORTH USH 51 RIGHT	--	1	1	--	
R3-25	STH 22 SB	RT	1	REDUCED SPEED LIMIT 45 M.P.H. AHEAD	--	1	1	--	
R3-26	STH 22 SB	RT	1	EAST STH 60 LEFT; WEST STH 60 RIGHT	--	1	1	--	
R3-27	STH 22 SB	RT	1	NORTH LEEDS UNICORPORATED	--	1	2	--	
3-M1	STH 22 NB	RT	1	SPEED LIMIT 55 M.P.H.	1	--	--	--	
3-M2	STH 22 SB	LT	1	NO PASSING ZONE	1	--	--	--	
				SUBTOTAL	4	37	39	1	
				TOTAL	**13**	**68**	**76**	**2**	

PRELIMINARY - NOT FOR BIDDING PURPOSES

PERMANENT SIGNS

SIGN NO.	STATION	OFFSET	INSTALL STAGE	SIGN WORDING & PICTORIALS	CODE	SIGN WIDTH (IN)	SIGN HEIGHT (IN)	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	634.0612 POSTS WOOD 4X6-IN X 12-FT EACH	634.0614 POSTS WOOD 4X6-IN X 14-FT EACH	634.0616 POSTS WOOD 4X6-IN X 16-FT EACH	634.0618 POSTS WOOD 4X6-IN X 18-FT EACH	634.0624 POSTS WOOD 4X6-IN X 24-FT EACH	634.0816 TUBULAR STEEL POST 16-FT EACH	REMARKS
1-01	109+50 "EB"	RT	4	JUNCTION ASSEMBLY	J1-1	24	39	6.5	--	--	--	1	--	--	--	
1-02A	111+50 "EB"	RT	4	ROUNDABOUT AHEAD	W2-6	30	30	--	6.3	--	--	1	--	--	--	
1-02A	111+50 "EB"	RT	4	ADVISORY SPEED 15 M.P.H.	W13-1	18	18	--	2.3	--	--	--	--	--	--	MOUNT BELOW 1-02A
1-03	113+50 "EB"	RT	2	DIAGRAMMATIC SIGN	D1-62	102	66	46.8	--	--	--	--	--	3	--	
1-04	115+00 "EB"	RT	2	YIELD AHEAD	W3-2	36	36	--	9.0	--	--	1	--	--	--	
1-05	118+00 "EB"	RT	2	COLUMBUS; WYOCENA; MADISON	D1-3	72	42	21.0	--	--	--	2	--	--	--	
1-06	120+00 "EB"	RT	2	ALTERNATE IH 39 RIGHT	J2-1	24	57	9.5	--	--	--	1	--	--	--	
1-07	114+50 "EB"	LT	2	SPEED LIMIT 55 M.P.H	R2-1	24	36	6.0	--	--	--	1	--	--	--	
1-08	118+00 "EB"	LT	2	NORTH USH 51; WEST STH 60	J4-3	72	36	18.0	--	--	--	2	--	--	--	
1-09A	120+00 "EB"	LT	2	KEEP RIGHT	R4-7	24	30	5.0	--	--	--	1	--	--	--	
1-09B	120+00 "EB"	LT	2	OBJECT MARKER	W5-54	18	18	--	2.3	--	--	--	--	--	--	MOUNT BELOW 1-09A
1-10	120+00 "EB"	LT	2	DO NOT ENTER	R5-1	30	30	6.3	--	--	1	--	--	--	--	
1-M1	STH60/USH 51 "EB"	LT	4	NO PASSING ZONE	--	--	--	--	--	--	--	1	--	--	--	MOUNT OPPOSITE 1-M2
1-M2	STH60/USH 51 "EB"	LT	4	ADOPT A HIGHWAY	--	--	--	--	--	--	--	--	--	--	--	MOUNT OPPOSITE 1-M1
1-M3	116+00"EB"	LT	4	ARLINGTON 2; LODI 10; PORTAGE 16	--	--	--	--	--	--	--	2	--	--	--	SIGN MOVE ON NEW POST
1-M4	106+50 "EB"	RT	4	ADOPT A-HIGHWAY	--	--	--	--	--	--	--	1	--	--	--	SIGN MOVE ON NEW POST
							SUBTOTAL	119.0	19.8	0	1	13	0	3	0	
2-01	205+50 "NB"	RT	4	JUNCTION ST H22; JUNCTION STH 60	J1-2	48	39	13.0	--	--	--	1	--	--	--	
2-02A	207+50 "NB"	RT	4	ROUNDABOUT AHEAD	W2-6	30	30	--	6.3	--	--	1	--	--	--	
2-02B	207+50 "NB"	RT	4	ADVISORY SPEED 15 M.P.H.	W13-1	18	18	--	2.3	--	--	--	--	--	--	MOUNT BELOW 2-02A
2-03	211+00 "NB"	RT	4	YIELD AHEAD	W3-2	36	36	--	9.0	--	--	1	--	--	--	
2-04	215+00 "NB"	RT	2	DIAGRAMMATIC SIGN	D1-62	126	66	57.8	--	--	--	--	--	3	--	
2-05	216+50 "NB"	RT	2	WYOCENA; PORTAGE; LODI; COLUMBUS	D1-4	72	54	27.0	--	--	--	--	2	--	--	
2-06	216+15 "NB"	LT	2	DO NOT ENTER	R5-1	36	36	9.0	--	--	--	1	--	--	--	
2-07A	216+15 "NB"	LT	2	KEEP RIGHT	R4-7	36	48	12.0	--	--	--	--	1	--	--	
2-07B	216+15 "NB"	LT	2	OBJECT MARKER	W5-54	18	18	--	2.3	--	--	--	--	--	--	MOUNT BELOW 2-07A
2-M1	USH 51 SB	RT	4	NO PASSING ZONE	--	--	--	--	--	--	--	1	--	--	--	SIGN MOVE ON NEW POST
2-M2	USH 51 NB	LT	4	NO PASSING ZONE	--	--	--	--	--	--	--	1	--	--	--	SIGN MOVE ON NEW POST
2-M3	213+00 "NB"	LT	4	DEFOREST 5; MADISON 13	--	--	--	--	--	--	--	2	--	--	--	SIGN MOVE ON NEW POST
2-M4	211+50 "NB"	LT	4	SPEED LIMIT 55 MPH	--	--	--	--	--	--	--	1	--	--	--	SIGN MOVE ON NEW POST
2-M5	214+50 "NB"	LT	4	SOUTH USH 51; ALTERNATE IH 39	--	--	--	--	--	--	--	1	--	--	--	SIGN MOVE ON NEW POST
							SUBTOTAL	118.8	19.8	0	0	10	3	3	0	

CONTINUED ON NEXT PAGE

PRELIMINARY - NOT FOR BIDDING PURPOSES

PERMANENT SIGNS (CONTINUED)

SIGN NO.	STATION	OFFSET	INSTALL STAGE	SIGN WORDING & PICTORIALS	CODE	SIGN WIDTH (IN)	SIGN HEIGHT (IN)	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	634.0612 POSTS WOOD 4X6-IN X 12-FT EACH	634.0614 POSTS WOOD 4X6-IN X 14-FT EACH	634.0616 POSTS WOOD 4X6-IN X 16-FT EACH	634.0618 POSTS WOOD 4X6-IN X 18-FT EACH	634.0624 POSTS WOOD 4X6-IN X 24-FT EACH	634.0816 TUBULAR STEEL POST 16-FT EACH	REMARKS
3-01A	122+50 "EB"	LT	2	YIELD	R1-2	36	31	3.9	--	--	--	1	--	--	--	18" X 18" FLAGS INCIDENTAL TO SIGNS
3-01B	122+50 "EB"	LT	2	ONE WAY	R6-2R	24	30	5.0	--	--	--	--	--	--	--	MOUNT BELOW 3-01A
3-02A	122+50 "EB"	RT	2	YIELD	R1-2	36	31	3.9	--	--	--	--	--	--	1	18" X 18" FLAGS INCIDENTAL TO SIGNS
3-02B	122+50 "EB"	RT	2	TO TRAFFIC FROM LEFT	R1-54	24	15	2.5	--	--	--	--	--	--	--	MOUNT BELOW 3-02A
3-03	219+00 "NB"	LT	2	SOUTH USH 51 RIGHT	D1-1	42	30	8.8	--	1	--	--	--	--	--	MOUNT AT 5.0'
3-04	217+00 "NB"	LT	2	WRONG WAY	R5-1A	42	30	8.8	--	--	--	1	--	--	--	
3-05	217+70 "NB	RT	2	LEFT ONLY (ROUNDABOUT)	R3-5X	42	48	14.0	--	--	--	--	--	--	--	MOUNTED ON S-11-30
3-06	217+70 "NB	RT	2	AHEAD, RIGHT	R3-6R	42	48	14.0	--	--	--	--	--	--	--	MOUNTED ON S-11-30
3-07	217+70 "NB	RT	2	ALTERNATE I-39 LEFT	J2-1	24	57	9.5	--	--	--	--	--	--	--	MOUNTED ON S-11-30
3-08A	219+00 "NB"	LT	2	YIELD	R1-2	36	31	3.9	--	--	--	1	--	--	--	18" X 18" FLAGS INCIDENTAL TO SIGNS
3-08B	219+00 "NB"	LT	2	ONE WAY	R6-2R	24	30	5.0	--	--	--	--	--	--	--	MOUNT BELOW 3-08A
3-09A	219+00 "NB"	RT	2	YIELD	R1-2	36	31	3.9	--	--	--	--	--	--	1	18" X 18" FLAGS INCIDENTAL TO SIGNS
3-09B	219+00 "NB"	RT	2	TO TRAFFIC FROM LEFT	R1-54	24	15	2.5	--	--	--	--	--	--	--	MOUNT BELOW 3-09A
3-10	124+00 "EB"	LT	2	EAST STH 60 RIGHT	D1-1	42	30	8.8	--	1	--	--	--	--	--	MOUNT AT 5.0'
3-11A	126+00 "EB"	RT	2	EAST STH 60	J4-1	24	36	6.0	--	--	--	1	--	--	--	
3-11B	126+00 "EB"	RT	2	WRONG WAY	R5-1A	36	24	6.0	--	--	--	--	--	--	--	MOUNT OPPOSITE 3-11A
3-12	127+50 "EB"	RT	2	COLUMBUS 14	D2-1	78	15	8.1	--	--	--	2	--	--	--	
3-13	129+00 "EB"	RT	2	DO NOT ENTER	R5-1	30	30	6.3	--	--	--	1	--	--	--	
3-14	132+00 "EB"	RT	2	SPEED LIMIT 55 M.P.H	R2-1	24	36	6.0	--	--	--	1	--	--	--	
3-15	121+50 "EB"	LT	2	WRONG WAY	R5-1A	36	24	6.0	--	--	--	1	--	--	--	
3-16	122+50 "EB"	LT	2	NORTH USH 51; WEST STH 60	D1-2	72	30	15.0	--	2	--	--	--	--	--	MOUNT AT 5.0'
3-17A	123+00 "EB"	LT	2	ONE WAY RIGHT ARROW	R6-1R	54	18	6.8	--	--	2	--	--	--	--	
3-17B	123+00 "EB"	LT	2	ROUNDABOUT CHEVRON PANEL	R6-4B	60	24	10.0	--	--	--	--	--	--	--	MOUNT BELOW 3-17A
3-18A	220+50 "NB"	LT	2	ONE WAY RIGHT ARROW	R6-1R	54	18	6.8	--	--	2	--	--	--	--	
3-18B	220+50 "NB"	LT	2	ROUNDABOUT CHEVRON PANEL	R6-4B	60	24	10.0	--	--	--	--	--	--	--	MOUNT BELOW 3-18A
3-19A	220+00 "NB"	LT	2	ONE WAY RIGHT ARROW	R6-1R	54	18	6.8	--	--	2	--	--	--	--	
3-19B	220+00 "NB"	LT	2	ROUNDABOUT CHEVRON PANEL	R6-4B	60	24	10.0	--	--	--	--	--	--	--	MOUNT BELOW 3-19A
3-20A	124+00 "EB"	LT	2	ONE WAY RIGHT ARROW	R6-1R	54	18	6.8	--	--	2	--	--	--	--	
3-20B	124+00 "EB"	LT	2	ROUNDABOUT CHEVRON PANEL	R6-4B	60	24	10.0	--	--	--	--	--	--	--	MOUNT BELOW 3-20A
3-21A	221+00 "NB"	LT	2	YIELD	R1-2	36	31	3.9	--	--	--	--	--	--	1	18" X 18" FLAGS INCIDENTAL TO SIGNS
3-21B	221+00 "NB"	LT	2	TO TRAFFIC FROM LEFT	R1-54	24	15	2.5	--	--	--	--	--	--	--	MOUNT BELOW 3-21A
							SUBTOTAL	221.0	0.0	4	8	9	0	0	3	

CONTINUED ON NEXT PAGE

PRELIMINARY - NOT FOR BIDDING PURPOSES

PERMANENT SIGNS (CONTINUED)

SIGN NO.	STATION	OFFSET	INSTALL STAGE	SIGN WORDING & PICTORIALS	CODE	SIGN WIDTH (IN)	SIGN HEIGHT (IN)	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	634.0612 POSTS WOOD 4X6-IN X 12-FT EACH	634.0614 POSTS WOOD 4X6-IN X 14-FT EACH	634.0616 POSTS WOOD 4X6-IN X 16-FT EACH	634.0618 POSTS WOOD 4X6-IN X 18-FT EACH	634.0624 POSTS WOOD 4X6-IN X 24-FT EACH	634.0816 TUBULAR STEEL POST 16-FT EACH	REMARKS
3-22	221+00 "NB"	LT	2	NORTH STH 22 RIGHT	D1-1	42	30	8.8	--	1	--	--	--	--	--	MOUNT AT 5.0'
3-23A	221+00 "NB"	LT	2	YIELD	R1-2	36	31	3.9	--	--	--	1	--	--	--	18" X 18" FLAGS INCIDENTAL TO SIGNS
3-23B	221+00 "NB"	LT	2	ONE WAY	R6-2R	24	30	5.0	--	--	--	--	--	--	--	MOUNT BELOW 3-23A
3-24A	124+00 "EB"	LT	2	YIELD	R1-2	36	31	3.9	--	--	--	1	--	--	--	18" X 18" FLAGS INCIDENTAL TO SIGNS
3-24B	124+00 "EB"	LT	2	ONE WAY	R6-2R	24	30	5.0	--	--	--	--	--	--	--	MOUNT BELOW 3-24A
3-25A	124+50 "EB"	LT	2	YIELD	R1-2	36	31	3.9	--	--	--	--	--	--	1	18" X 18" FLAGS INCIDENTAL TO SIGNS
3-25B	124+50 "EB"	LT	2	TO TRAFFIC FROM LEFT	R1-54	24	15	2.5	--	--	--	--	--	--	--	MOUNT BELOW 3-25A
3-26	128+00 "EB"	LT	2	PORTAGE; LODI; MADISON; WYOCENA	D1-4	66	54	24.8	--	--	--	--	2	--	--	
3-27A	129+00 "EB"	LT	2	KEEP RIGHT	R4-7	24	30	5.0	--	--	--	1	--	--	--	
3-27B	129+00 "EB"	LT	2	OBJECT MARKER	W5-54	18	18	--	2.3	--	--	--	--	--	--	MOUNT OPPOSITE 3-27A
3-28	132+00 "EB"	LT	2	YIELD AHEAD	W3-2	36	36	--	9.0	--	--	--	1	--	--	
3-29	133+50 "EB"	LT	2	DIAGRAMMATIC SIGN	D1-62	102	78	55.3	--	--	--	--	--	3	--	
3-30A	135+50 "EB"	LT	2	ROUNDABOUT AHEAD	W2-6	30	30	--	6.3	--	--	--	1	--	--	
3-30B	135+50 "EB"	LT	2	ADVISORY SPEED 15 M.P.H.	W13-1	18	18	--	2.3	--	--	--	--	--	--	MOUNT OPPOSITE 3-30A
3-31	138+00 "EB"	LT	2	JUNCTION STH 22; JUNCTION USH 51	J1-2	48	39	13.0	--	--	--	1	--	--	--	
3-32A	222+50 "NB"	RT	2	NORTH STH 22	J4-1	24	36	6.0	--	--	--	1	--	--	--	
3-32B	222+50 "NB"	RT	2	WRONG WAY	R5-1A	36	24	6.0	--	--	--	--	--	--	--	MOUNT OPPOSITE 3-32A
3-33A	225+00 "NB"	RT	2	WYOCENA 11	D2-1	66	15	6.9	--	--	--	2	--	--	--	
3-33B	225+00 "NB"	RT	2	DO NOT ENTER	R5-1	30	30	6.3	--	--	--	--	--	--	--	MOUNT OPPOSITE 3-33A
3-34A	225+00 "NB"	LT	2	KEEP RIGHT	R4-7	24	30	5.0	--	--	--	--	1	--	--	
3-34B	225+00 "NB"	LT	2	OBJECT MARKER	W5-54	18	18	--	2.3	--	--	--	--	--	--	MOUNT OPPOSITE 3-34A
3-35	226+00 "NB"	LT	2	MADISON; COLUMBUS; PORTAGE; LODI	D1-4	72	54	27.0	--	--	--	--	2	--	--	
3-36	228+50 "NB"	LT	2	YIELD AHEAD	W3-2	36	36	--	9.0	--	--	1	--	--	--	
3-37	230+50 "NB"	LT	2	DIAGRAMMATIC SIGN	D1-62	126	66	57.8	--	--	--	--	--	3	--	
3-38A	231+50 "NB"	LT	2	ROUNDABOUT AHEAD	W2-6	30	30	--	6.3	--	--	1	--	--	--	
3-38B	231+50 "NB"	LT	2	ADVISORY SPEED 15 M.P.H.	W13-1	18	18	--	2.3	--	--	--	--	--	--	MOUNT BELOW 3-38A
3-M1	227+00 "NB"	RT	2	SPEED LIMIT 55 M.P.H.	--	--	--	--	--	--	--	1	--	--	--	SIGN MOVE ON NEW POST
3-M2	STH 22 NB	RT	2	NO PASSING ZONE	--	--	--	--	--	--	--	1	--	--	--	SIGN MOVE ON NEW POST
					SUBTOTAL			245.8	39.5	1	0	11	7	6	1	
					TOTAL			**704.5**	**79.0**	**5**	**9**	**43**	**10**	**12**	**4**	

PRELIMINARY AND NOT FOR BIDDING PURPOSES

TRAFFIC CONTROL

LOCATION	APPROXIMATE SERVICE DAYS	643.0300 TRAFFIC CONTROL DRUMS NO. IN SERVICE	643.0300 TRAFFIC CONTROL DRUMS DAYS	643.0420 TRAFFIC CONTROL BARRICADES TYPE III NO. IN SERVICE	643.0420 TRAFFIC CONTROL BARRICADES TYPE III DAYS	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A NO. IN SERVICE	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A DAYS	643.0715 TRAFFIC CONTROL WARNING LIGHTS TYPE C NO. IN SERVICE	643.0715 TRAFFIC CONTROL WARNING LIGHTS TYPE C DAYS	643.0900 TRAFFIC CONTROL SIGNS NO. IN SERVICE	643.0900 TRAFFIC CONTROL SIGNS DAYS	643.0920 TRAFFIC CONTROL COVERING SIGNS TYPE II EACH	643.1050 TRAFFIC CONTROL SIGNS PCMS NO. IN SERVICE	643.1050 TRAFFIC CONTROL SIGNS PCMS DAYS	REMARKS
STAGE 1															
ADVANCE WARNING	100	0	0	0	0	0	0	0	0	18	1800	0	0	0	
USH 51/STH 60	--	61	6100	4	400	8	800	5	500	27	2700	3	1	7	
USH 51	--	41	4100	8	800	16	1600	12	1200	26	2600	0	1	14	
STH 60	--	0	0	8	800	16	1600	0	0	5	500	0	1	14	
STH 22	--	0	0	8	800	16	1600	0	0	5	500	0	1	14	
DETOUR ROUTE	--	0	0	2	200	4	400	0	0	160	16000	5	0	0	
UNDISTRIBUTED	--	10	1020	3	280	6	560	2	170	6	630	0	0	0	
	SUBTOTAL	**112**	**11220**	**33**	**3280**	**66**	**6560**	**19**	**1870**	**247**	**24730**	**8**	**4**	**49**	
STAGE 2															
ADVANCE WARNING	25	0	0	0	0	0	0	0	0	18	450	0	0	0	
USH 51/STH 60	--	31	775	6	150	12	300	18	450	31	775	0	0	0	
USH 51	--	35	875	8	200	16	400	10	250	30	750	0	0	0	
STH 60	--	0	0	8	200	16	400	0	0	5	500	0	0	0	
STH 22	--	0	0	8	200	16	400	0	0	5	500	0	0	0	
DETOUR ROUTE	--	0	0	2	50	4	100	0	0	160	4000	0	0	0	
UNDISTRIBUTED	--	7	165	3	75	6	150	3	70	7	253	0	0	0	
	SUBTOTAL	**73**	**1815**	**35**	**875**	**70**	**1750**	**31**	**770**	**256**	**7228**	**0**	**0**	**0**	
STAGE 3															
ADVANCE WARNING	21	0	0	0	0	0	0	0	0	36	756	0	0	0	
USH 51/STH 60	--	70	1470	4	84	8	168	15	315	26	546	0	0	0	
USH 51	--	46	966	2	42	4	84	15	315	17	357	0	1	7	
STH 60	--	0	0	0	0	0	0	0	0	4	84	0	1	7	
STH 22	--	0	0	0	0	0	0	0	0	4	84	0	1	7	
DETOUR ROUTE	--	0	0	0	0	0	0	0	0	23	483	0	0	0	
UNDISTRIBUTED	--	12	244	1	13	1	25	3	63	5	107	0	0	0	
	SUBTOTAL	**128**	**2680**	**7**	**139**	**13**	**277**	**33**	**693**	**115**	**2417**	**0**	**3**	**21**	
STAGE 4															
ADVANCE WARNING	25	0	0	0	0	0	0	0	0	36	900	0	0	0	
USH 51/STH 60	--	40	1000	0	0	0	0	5	125	6	150	0	1	7	
USH 51	--	28	700	0	0	0	0	5	125	5	125	0	0	0	
STH 60	--	0	0	0	0	0	0	0	0	0	0	0	0	0	
STH 22	--	0	0	0	0	0	0	0	0	0	0	0	0	0	
DETOUR ROUTE	--	0	0	0	0	0	0	0	0	23	575	0	0	0	
UNDISTRIBUTED	--	7	170	0	0	0	0	1	25	1	28	0	0	0	
	SUBTOTAL	**75**	**1870**	**0**	**0**	**0**	**0**	**11**	**275**	**71**	**1778**	**0**	**1**	**7**	
	TOTAL	**--**	**17585**	**--**	**4294**	**--**	**8587**	**--**	**3608**	**--**	**36152**	**8**	**--**	**77**	

PRELIMINARY AND NOT FOR BIDDING PURPOSES

PAVEMENT MARKING REMOVAL

STATION	TO	STATION	LOCATION	646.9000 MARKING REMOVAL LINE 4-INCH LF	646.9200 MARKING REMOVAL LINE WIDE LF	649.0105 TEMPORARY MARKING LINE PAINT 4-INCH WHITE LF	649.0105 TEMPORARY MARKING LINE PAINT 4-INCH YELLOW LF	649.0150 TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH WHITE LF	649.0150 TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH YELLOW LF	649.0805 TEMPORARY MARKING STOP LINE PAINT 18-INCH LF	649.0960 TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH LF	REMARKS
STAGE 2												
610+00	-	614+50	WEST LEG	--	--	--	--	900	900	--	1015	
614+50	-	626+00	WEST LEG	1850	--	2200	2200	--	--	--	--	
639+00	-	645+00	SOUTH LEG	1225	--	1330	1330	--	--	--	--	
645+00	-	650+50	SOUTH LEG	--	--	--	--	900	900	--	1000	
			STAGE 2 SUBTOTAL	3075	0	3530	3530	1800	1800	0	2015	
STAGE 3												
613+50	-	625+50	WEST LEG	--	--	1300	2600	200	400	--	200	
637+00	-	647+00	SOUTH LEG	--	24	900	1800	350	550	24	200	
			STAGE 3 SUBTOTAL	0	24	2200	4400	550	950	24	400	
STAGE 4												
618+00	-	626+00	WEST LEG	--	--	1300	--	200	--	--	--	
637+00	-	646+00	SOUTH LEG	--	--	900	--	200	--	--	--	
			STAGE 4 SUBTOTAL	0	0	2200	0	400	0		0	
			TOTAL	**3,075**	**24**	**15,860**		**5,500**		**24**	**2,415**	

PAVEMENT MARKING SUMMARY

STATION	TO	STATION	LOCATION	646.1020 MARKING LINE EPOXY 4-INCH YELLOW LF	646.1020 MARKING LINE EPOXY 4-INCH WHITE LF	646.3020 MARKING LINE EPOXY 8-INCH WHITE LF	646.4520 MARKING LINE SAME DAY EPOXY 4-INCH YELLOW LF	646.5020 MARKING ARROW EPOXY TYPE 1 WHITE EACH	646.5020 TYPE 2R WHITE EACH	646.5020 TYPE 2 WHITE EACH	646.5020 TYPE 3 WHITE EACH	646.5120 MARKING WORD EPOXY EACH	646.6320 MARKING DOTTED EXTENSION EPOXY 18-INCH LF	646.7120 MARKING DIAGONAL EPOXY 12-INCH YELLOW LF	646.8120 MARKING CURB EPOXY YELLOW LF	646.8220 MARKING ISLAND NOSE EPOXY YELLOW EACH	REMARKS
STAGE 1																	
115+25 "EB"	-	122+50 "EB"	WEST LEG	2550	1375	--	--	--	--	--	--	--	--	145	70	1	
124+05 "EB"	-	134+50 "EB"	EAST LEG	3330	1900	--	--	--	--	--	--	--	--	115	120	3	
213+00"NB"	-	219+00 "NB"	SOUTH LEG	1960	1200	200	--	--	2	--	2	3	--	80	80	1	
221+00 "NB"		229+00 "NB"	NORTH LEG	2960	1540	--	--	--	--	--	--	--	--	80	160	3	
20+00 "C"		23+50 "C"	CIRCLE	--	--	380	--	1	--	1	--	--	90	--	--	--	
			SUBTOTAL	**10800**	**6015**	**580**	**0**	**1**	**2**	**1**	**2**	**3**	**90**	**420**	**430**	**8**	
STAGE 4																	
PROJECT LIMITS	-	115+25 "EB"	WEST LEG	2000	3300	--	3000	--	--	--	--	--	--	--	--	--	
PROJECT LIMITS	-	213+00 "NB"	SOUTH LEG	1200	2450	--	1750	--	--	--	--	--	--	--	--	--	
			SUBTOTAL	**3200**	**5750**	**0**	**4750**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
			TOTAL	**25,765**		**580**	**4,750**			**6**		**3**	**90**	**420**	**430**	**8**	

PRELIMINARY AND NOT FOR BIDDING PURPOSES

LAND MONUMENTS

STATION	OFFSET	SPV.0060.01 RESEARCH AND LOCATE EXISTING LAND PARCEL MONUMENTS EACH	SPV.0060.03 VERIFY AND REPLACE EXISTING LAND PARCEL MONUMENTS EACH	SPV.0060.04 VERIFY LANDMARK REFERENCE MONUMENTS EACH	REMARKS
117+07 "WB"	73' LT	1	1	--	APPROXIMATE LOCATION ONLY
117+61 "WB"	67' LT	1	1	--	APPROXIMATE LOCATION ONLY
118+05 "WB"	63' LT	1	1	--	APPROXIMATE LOCATION ONLY
22+00 "C"	30' LT	--	--	1	SECTION CORNER
	TOTAL	**3**	**3**	**1**	

CONSTRUCTION STAKING

STATION	TO	STATION	LOCATION	650.4500 CONSTRUCTION STAKING SUBGRADE LF	650.5000 CONSTRUCTION STAKING BASE LF	650.9920 CONSTRUCTION STAKING SLOPE STAKES LF	REMARKS
STAGE 1							
610+00	-	625+50	RT	1550	1550	1550	TEMPORARY WIDENING
640+00		650+00	RT	1000	1000	1000	TEMPORARY WIDENING
111+70 "EB"	-	122+70 "EB"	LT & RT	1100	1100	1100	
124+45 "EB"		134+50 "EB"	LT & RT	1005	1005	1005	
210+00 "NB"	-	219+25 "NB"	LT & RT	925	925	925	
220+75 "NB"	-	229+00 "NB"	LT & RT	825	825	825	
20+00 "C"		23+55 "C"	LT & RT	355	355	355	CIRCLE
700+50		701+50	LT & RT	150	150	150	STA. 117+25 DRIVEWAY
800+50		801+50	LT & RT	150	150	150	STA. 118+75 DRIVEWAY
			STAGE 1 SUBTOTAL	7060	7060	7060	
STAGE 2-4							
102+00 "EB"	-	111+70 "EB"	LT & RT	970	970	970	WB LANE STAKED IN STAGE 2 EB LANE STAKED IN STAGE 3 EB SHOULDER STAKED IN STAGE 4
205+00 "NB"	-	210+50 "NB"	LT & RT	550	550	550	NB LANE STAKED IN STAGE 2 SB LANE STAKED IN STAGE 3 SB SHOULDER STAKED IN STAGE 4
			STAGE 2 SUBTOTAL	1520	1520	1520	
			TOTAL	**8,580**	**8,580**	**8,580**	

CONSTRUCTION STAKING SUMMARY

LOCATION	650.8500 CONSTRUCTION STAKING ELECTRICAL INSTALLATIONS PROJECT 6020-00-70 LS	650.9910 CONSTRUCTION STAKING SUPPLEMENTAL CONTROL PROJECT 6020-00-70 LS	REMARKS
PROJECT WIDE	1	1	
TOTAL	**1**	**1**	

LOCATING NO PASSING ZONES

STATION	TO	STATION	648.0100 LOCATE NO PASSING ZONES MI	REMARKS
STAGE 2				
133+00 "EB"	-	PROJECT LIMITS	0.25	
228+00 "NB"		PROJECT LIMITS	0.25	
STAGE 4				
PROJECT LIMITS	-	114+00 "EB"	0.25	
PROJECT LIMITS		213+00 "NB"	0.25	
			1	

PRELIMINARY AND NOT FOR BIDDING PURPOSES

SAWING PAVEMENT

STATION	TO	STATION	OFFSET	690.0150 SAWING ASPHALT LF	690.0250 SAWING CONCRETE LF	REMARKS
STAGE 1						
610+00	-	625+50	RT	1540	--	TEMPORARY WIDENING
639+50	-	650+50	RT	1100	--	TEMPORARY WIDENING
116+00 "EB"	-	121+00 "EB"	LT	60	--	WEST LEG DRIVEWAYS
124+00 "EB"	-	127+00 "EB"	LT	270	--	EAST LEG DRIVEWAYS
206+00 "NB"	-	216+00 "NB"	LT & RT	140	--	SOUTH LEG DRIVEWAYS
222+00 "NB"	-	227+00 "NB"	LT & RT	40	--	NORTH LEG DRIVEWAYS
134+50 "EB"			LT & RT	34	--	PROJECT LIMITS
229+00 "NB"			LT & RT	34	--	PROJECT LIMITS
		STAGE 1 SUBTOTAL		3218	0	
STAGE 2						
205+00 "NB"			LT & RT	7	10	PROJECT LIMITS
102+00 "EB"			LT & RT	7	10	PROJECT LIMITS
		STAGE 2 SUBTOTAL		14	20	
STAGE 3						
205+00 "NB"			LT & RT	7	10	PROJECT LIMITS
102+00 "EB"			LT & RT	7	10	PROJECT LIMITS
		STAGE 3 SUBTOTAL		14	20	
STAGE 4						
610+00	-	614+50	RT	450	--	TEMPORARY WIDENING
646+00	-	650+50	RT	250	--	REMOVAL
		STAGE 4 SUBTOTAL		700	0	
			TOTAL	**3946**	**40**	

PULL BOXES

NUMBER	STATION	LOCATION	653.0164 PULL BOXES NON-CONDUCTIVE 24 X 42-INCH EACH	REMARKS
STAGE 1				
PB1	40+94 "NE"	26' LT	1	
PB2	42+42 "NE"	19' LT	1	
PB3	124+72 "EB"	8' LT	1	
PB4	64+56 "SE"	14' RT	1	
PB5	63+10 "SE"	10' RT	1	
PB6	218+72 "NB"	7' LT	1	
PB7	51+80 "SW"	21' LT	1	
PB8	121+95 "EB"	45' RT	1	
PB9	122+19 "EB"	7.5' LT	1	
PB10	30+99 "NW"	15' LT	1	
PB11	32+54 "NW"	20' LT	1	
PB12	221+40 "NB"	8' LT	1	
PB13	40+79 "NE"	21' LT	1	
PB14	224+85 "NB"	40' LT	1	BURY 2-INCHES BELOW GRADE
		TOTAL	**14**	

CONDUIT RIGID NONMETALLIC SCHEDULE 40

FROM		TO	652.0225 CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF	652.0235 CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH LF	REMARKS
STAGE 1					
CB-1	-	PB-1	--	9	
PB-1	-	PB-2	--	127	
PB-2	-	PB-3	--	48	
PB-3	-	PB-4	--	42	
PB-4	-	PB-5	--	130	
PB-5	-	PB-6	--	45	
PB-6	-	PB-7	--	44	
PB-7	-	PB-8	--	133	
PB-8	-	PB-9	--	57	
PB-9	-	PB-10	--	41	
PB-10	-	PB-11	--	130	
PB-11	-	PB-12	--	45	
PB-12	-	PB-13	--	30	
PB-13	-	CB-1	--	9	
LP-1	-	LP-2	149	--	
LP-2	-	LP-3	150	--	
LP-3	-	PB-2	125	--	
LP-4	-	PB-3	9	--	
LP-5	-	LP-6	149	--	
LP-6	-	PB-5	119	--	
LP-7	-	PB-6	10	--	
LP-8	-	LP-9	131	--	
LP-9	-	LP-10	137	--	
LP-10	-	PB-8	109	--	
LP-11	-	PB-9	9	--	
LP-12		PB-14	34	--	
LP-13	-	PB-14	220	--	
LP-13	-	PB-11	116	--	
LP-14	-	PB-12	11	--	
		TOTAL	**1478**	**890**	

PRELIMINARY AND NOT FOR BIDDING PURPOSES

LIGHTING BASES, POLES, AND ARMS

POLE NUMBER	STATION	LOCATION	654.0105 CONCRETE BASES TYPE 5 EACH	655.061* ELECTRICAL WIRE LIGHTING 12 AWG LF	657.0255 TRANSFORMER BASES BREAKAWAY 11 1/2-INCH BOLT CIRCLE EACH	657.0322 POLES TYPE 5 ALUMINUM EACH	657.0715 LUMINAIRE ARMS TRUSS TYPE 4 1/2 INCH CLAMP 15-FT EACH	659.1120 LUMINAIRES UTILITY LED B EACH	REMARKS
STAGE 1									
LP-1	129+10 "EB"	38' LT	1	165	1	1	1	1	
LP-2	127+61 "EB"	34.2' LT	1	165	1	1	1	1	
LP-3	126+12 "EB"	32' LT	1	165	1	1	1	1	
LP-4	124+64 "EB"	10.5' LT	1	330	1	1	2	2	
LP-5	216+00 "NB"	31' RT	1	165	1	1	1	1	
LP-6	217+45 "NB"	32' RT	1	165	1	1	1	1	
LP-7	218+82 "NB"	8' LT	1	330	1	1	2	2	
LP-8	118+26 "EB"	21' RT	1	165	1	1	1	1	
LP-9	119+55 "EB"	21' RT	1	165	1	1	1	1	
LP-10	120+90 "EB"	21' RT	1	165	1	1	1	1	
LP-11	122+27 "EB"	9.5' LT	1	330	1	1	2	2	
LP-12	224+80 "NB"	7' LT	1	165	1	1	1	1	
LP-13	222+64 "NB"	32' LT	1	165	1	1	1	1	
LP-14	221+29 "NB"	10' LT	1	330	1	1	2	2	
		TOTAL	**14**	**2,970**	**14**	**14**	**18**	**18**	

*Additional quantities shown elsewhere.

ELECTRICAL WIRE LIGHTING

FROM		TO	CABLE LENGTH	LIVE CONDUCTORS	655.061* ELECTRICAL WIRE LIGHTING 12 AWG (LIVE) (VARIES) LF	655.061* ELECTRICAL WIRE LIGHTING 12 AWG (GROUNDING) (GREEN) LF	REMARKS
STAGE 1							
CABINET	-	LP-3	298	4	1,193	298	
LP-3	-	LP-2	149	4	597	149	
LP-2	-	LP-1	148	2	297	148	
LP-3	-	LP-4	208	4	833	208	
LP-4	-	LP-6	348	4	1,393	348	
LP-6	-	LP-5	165	2	330	165	
LP-6	-	LP-7	201	2	402	201	
CABINET	-	LP-14	81	4	323	81	
LP-13	-	LP-14	204	4	814	204	
LP-13	-	LP-12	290	4	1,159	290	
LP-14	-	LP-11	344	4	1,377	344	
LP-11	-	LP-10	205	4	819	205	
LP-10	-	LP-9	137	4	548	137	
LP-9	-	LP-8	131	2	262	131	
LP-10	-	LP-7	343	0	0	343	
				TOTAL	**13,598**		

*Additional quantities shown elsewhere.

3

LIGHTING CONTROL CABINET

STATION	LOCATION	654.0230 CONCRETE CONTROL CABINET BASES TYPE L30 EACH	656.0200 ELECTRICAL SERVICE METER BREAKER PEDESTAL (STH 22 & STH 60 INTERSECTION) LS	659.2124 LIGHTING CONTROL CABINETS 120/240 24-INCH EACH	REMARKS
STAGE 1					
221+30 "NB"	46' RT	1	1	1	
TOTAL		**1**	**1**	**1**	

PRELIMINARY AND NOT FOR BIDDING PURPOSES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
TRANSPORTATION PROJECT PLAT TITLE SHEET
6020-00-20
DEFOREST - PORTAGE
STH 22/ STH 60 INTERSECTION
USH 51
COLUMBIA COUNTY



CONVENTIONAL SYMBOLS

SECTION LINE
QUARTER LINE
SIXTEENTH LINE
NEW REFERENCE LINE
NEW R/W LINE
EXISTING R/W OR HE LINE
PROPERTY LINE
LOT, TIE & OTHER MINOR LINES
SLOPE INTERCEPT
CORPORATE LIMITS
UNDERGROUND FACILITY (COMMUNICATIONS. ELECTRIC. ETC)
NEW R/W (FEE OR HE) (HATCHING VARIES BY OWNER)
TEMPORARY LIMITED EASEMENT AREA
EASEMENT AREA (PERMANENT LIMITED OR RESTRICTED DEVELOPMENT)
TRANSMISSION STRUCTURES
BUILDING
TO BE REMOVED
BRIDGE

SECTION CORNER SYMBOL
SECTION CORNER MONUMENT
GEODETIC SURVEY MONUMENT
SIXTEENTH CORNER MONUMENT
SIGN
OFF-PREMISE SIGN
R/W MONUMENT (TO BE SET)
NON-MONUMENTED R/W POINT
FOUND IRON PIN (3/4-INCH UNLESS NOTED)

	COMPENSABLE	NON-COMPENSABLE
ELECTRIC POLE		
TELEPHONE POLE		
PEDESTAL (LABEL TYPE) (TV, TEL, ELEC, ETC.)		

ACCESS RESTRICTED BY ACQUISITION
NO ACCESS (BY STATUTORY AUTHORITY)
ACCESS RESTRICTED (BY PREVIOUS PROJECT OR CONTROL)
NO ACCESS (NEW HIGHWAY)
PARCEL NUMBER (25)
UTILITY NUMBER (40)
PARALLEL OFFSETS

CONVENTIONAL ABBREVIATIONS

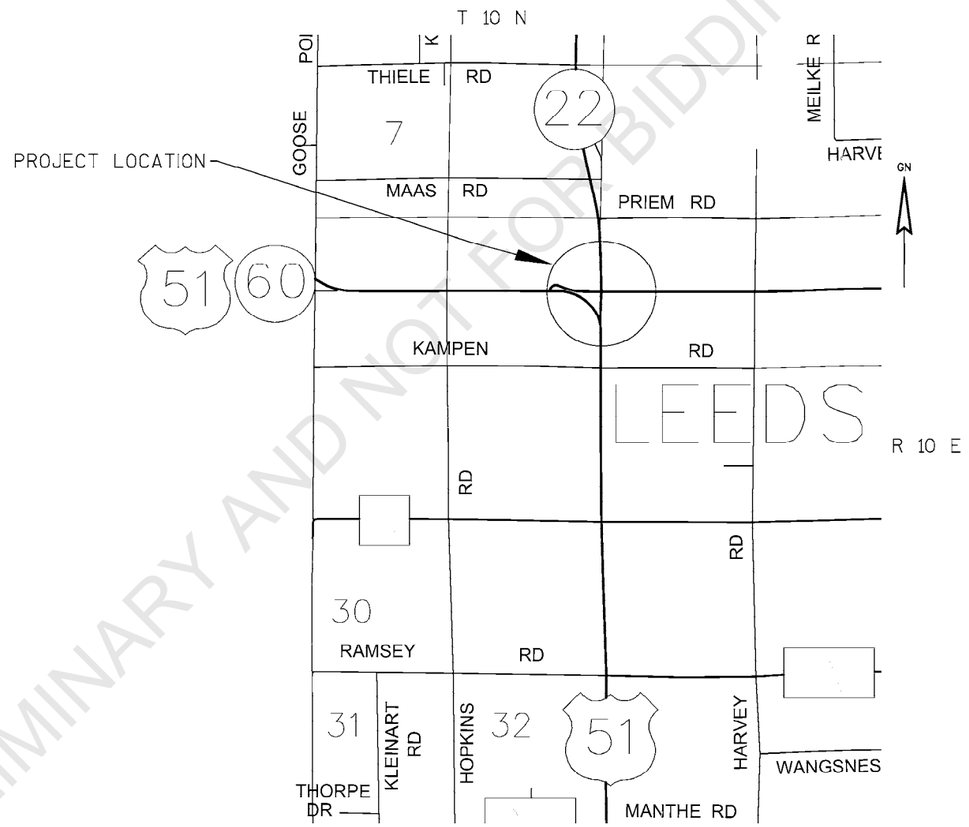
ACCESS RIGHTS	AR	POINT OF INTERSECTION	PI
ACRES	AC	PROPERTY LINE	PL
AHEAD	AH	RECORDED AS	(100')
ALUMINUM	ALUM	REEL / IMAGE	R/I
AND OTHERS	ET AL	REFERENCE LINE	R/L
BACK	BK	REMAINING	REM
BLOCK	BLK	RESTICTIVE DEVELOPMENT EASEMENT	RDE
CENTERLINE	C/L	RIGHT	RT
CERTIFIED SURVEY MAP	CSM	RIGHT OF WAY	R/W
CONCRETE	CONC	SECTION	SEC
COUNTY	CO	SEPTIC VENT	SEPV
COUNTY TRUNK HIGHWAY	CTH	SQUARE FEET	SF
DISTANCE	DIST	STATE TRUNK HIGHWAY	STH
CORNER	COR	STATION	STA
DOCUMENT NUMBER	DOC	TELEPHONE PEDESTAL	TP
EASEMENT	EASE	TEMPORARY LIMITED EASEMENT	TLE
EXISTING	EX	TRANSPORTATION PROJECT PLAT	TPP
GAS VALVE	GV	UNITED STATES HIGHWAY	USH
GRID NORTH	GN	VOLUME	V
HIGHWAY EASEMENT	HE		
IDENTIFICATION	ID		
LAND CONTRACT	LC		
LEFT	LT		
MONUMENT	MON		
NATIONAL GEODETIC SURVEY	NGS		
NUMBER	NO		
OUTLOT	OL		
PAGE	P		
POINT OF TANGENCY	PT		
PERMANENT LIMITED EASEMENT	PLE		
POINT OF BEGINNING	POB		
POINT OF CURVATURE	PC		
POINT OF COMPOUND CURVE	PCC		

CURVE DATA

LONG CHORD	LCH
LONG CHORD BEARING	LCB
RADIUS	R
DEGREE OF CURVE	D
CENTRAL ANGLE	Δ/DELTA
LENGTH OF CURVE	L
TANGENT	T
DIRECTION AHEAD	DA
DIRECTION BACK	DB

CONVENTIONAL UTILITY SYMBOLS

WATER	W
GAS	G
TELEPHONE	T
OVERHEAD TRANSMISSION LINES	OH
ELECTRIC	E
CABLE TELEVISION	TV
FIBER OPTIC	FO
SANITARY SEWER	SAN
STORM SEWER	SS



LAYOUT
SCALE 0 .5 MI.

THE NOTES,CONVENTIONAL SIGNS, AND ABBREVIATIONS ARE ASSOCIATED WITH EACH TRANSPORTATION PROJECT PLAT FOR PROJECT 6020-00-20.

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), COLUMBIA COUNTY, NAD83(2011), IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY ¾" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

ALL RIGHT-OF-WAY LINES DEPICTED IN THE NON-ACQUISITION AREAS ARE INTENDED TO RE-ESTABLISH EXISTING RIGHT-OF-WAY LINES AS DETERMINED FROM PREVIOUS PROJECTS, OTHER RECORDED DOCUMENTS, OR FROM CENTERLINE OF EXISTING PAVEMENTS.

RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS" OF PUBLIC RECORD.

DIMENSIONING FOR THE NEW RIGHT OF WAY IS MEASURED ALONG AND PERPENDICULAR TO THE NEW REFERENCE LINES.

A TEMPORARY LIMITED EASEMENT (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON, THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE. ALL (TLEs) ON THIS PLAT EXPIRE AT THE COMPLETION OF THE CONSTRUCTION PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

A PERMANENT LIMITED EASEMENT (PLE) IS A RIGHT FOR CONSTRUCTION AND MAINTENANCE PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON AND THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE, BUT WITHOUT PREJUDICE TO THE OWNER'S RIGHTS TO MAKE OR CONSTRUCT IMPROVEMENTS ON SAID LANDS OR TO FLATTEN THE SLOPES, PROVIDING SAID ACTIVITIES WILL NOT IMPAIR OR OTHERWISE ADVERSELY AFFECT THE HIGHWAY FACILITIES.

AN EASEMENT FOR HIGHWAY PURPOSES (HE), AS LONG AS SO USED, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE.

PROPERTY LINES SHOWN ON THIS PLAT ARE DRAWN FROM DATA DERIVED FROM MAPS AND DOCUMENTS OF PUBLIC RECORD AND/OR EXISTING OCCUPATIONAL LINES. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES, EXCLUDING RIGHT-OF-WAY, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN MADISON.

PARCEL IDENTIFICATION NUMBERS MAY NOT POINT TO ALL AREAS OF ACQUISITION, AS NOTED ON THE SCHEDULE OF LANDS & INTERESTS REQUIRED.

EXISTING ACCESS CONTROL ALONG USH 51 HAS BEEN ESTABLISHED FROM PREVIOUS PROJECT CA 05-2(1).

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:
EXISTING HIGHWAY RIGHT OF WAY FOR USH 51 ESTABLISHED FROM PREVIOUS PROJECTS 460B, 460F & 460G, CSM 1051, CSM 2068, CSM 4779, CSM VOL. 1 OF SURVEYS, PAGE 145, DOC 362123 AND PLAT OF SURVEY 8958.

EXISTING HIGHWAY RIGHT OF WAY FOR STH 22 ESTABLISHED FROM PREVIOUS PROJECT S0294(6), CSM 1051, CSM 3088, CSM 3852, CSM 2068, PLAT OF SURVEY 13429, PLAT OF SURVEY 13751, PLAT OF SURVEY 1757 AND PLAT OF SURVEY 11198.

EXISTING HIGHWAY RIGHT OF WAY FOR STH 60 ESTABLISHED FROM PREVIOUS PROJECTS 6010-00-21, 6010-03-21, S0294(5), CSM 4460, CSM 3085, PLAT OF SURVEY 8958 AND PLAT OF SURVEY 6117.

PROJECT NUMBER 6020-00-20- 4.01
SHEET 2 OF 2

PRELIMINARY AND NOT FOR BIDDING PURPOSES

DOC # 919184
REGISTER OF DEEDS
COLUMBIA COUNTY
RECORDED ON:
10/22/2019 08:50:22
PAGES: 2
KAREN A MANSKE
REGISTER OF DEEDS
REC FEE: $25.00
Exempt #:
VOLUME: TPP-E PAGE: 34

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 6020-00-20 - 4.01
SHEET 1 OF 2
AMENDMENT NO:...

SEE TPP 6020-00-20 - 4.02

USH 51/STH 60 — NW-SE — OF — NE-SE — USH 51

TOWN

503 ALUM MON
Y 318555.988
X 570711.276

501 ALUM MON
Y 318497.956
X 573370.587

502 ALUM MON
Y 315911.965
X 570695.886

500 ALUM MON
Y 315834.372
X 573383.643

Course Table		
501-500	S 0° 16' 51" E	2663.62'
501-508	S 0° 16' 51" E	798.75'
508-507	S 0° 16' 51" E	827.24'
500-507	N 0° 16' 51" W	1037.63'
502-503	N 0° 20' 01" E	2644.06'
502-107	N 0° 20' 01" E	2561.97'
503-501	S 88° 45' 00" E	2659.94'
503-510	S 88° 45' 00" E	1916.46'
510-501	S 88° 45' 00" E	743.48'
501-PT C-3	S 60° 04' 33" W	66.06'
501-PT C-7	S 13° 56' 31" E	106.35'
507-515(RL)	N 89° 42' 57" E	3.91'
507-100	S 89° 42' 57" W	31.08'
100-101	N 0° 02' 21" W	50.00'
101-102	N 15° 14' 34" W	51.75'
102-103	N 0° 33' 32" W	408.57'
103-104	N 89° 10' 46" W (S 89° 46' 36" W)	15.28' (15.28')
104-105	SEE CURVE TABLE	
105-106	SEE CURVE TABLE	
106-107	S 89° 44' 15" W	1132.51'
107-509(RL)	N 0° 20' 01" E	54.07'
509(RL)-503	N 0° 20' 01" E	28.02'
510-PT C-1	S 0° 45' 30" W	8.96'
PT C-1-108	S 0° 45' 30" W	52.20'
108-109	S 81° 40' 34" E	283.19'
109-110	N 83° 12' 14" E	218.48'
110-111	S 58° 45' 48" E	232.37'
111-112	S 15° 20' 07" E	50.92'
112-113	S 1° 03' 39" E	216.51'
113-118	S 89° 51' 41" W	15.00'
118-119	S 0° 16' 51" E	92.64'
119-120	N 89° 43' 09" E	15.00'
120-114	S 0° 16' 51" E	121.89'
114-115	S 89° 51' 41" W	102.31'
115-116	SEE CURVE TABLE	
116-117	SEE CURVE TABLE	
117-108	N 2° 18' 53" W	69.06'

104-105
L = 501.77'
LCH = 497.40'
LCB = N 23° 25' 17" W
R = 1096.00'

105-106
L = 1479.25'
LCH = 1426.28'
LCB = N 63° 14' 35" W
R = 1587.00'

115-116
L = 72.40'
LCH = 72.39'
LCB = N 34° 48' 10" W
R = 1196.00

116-117
L = 754.77'
LCH = 748.49'
LCB = N 49° 21' 26" W
R = 1687.00'

Station & Offset Table		
Point No.	Station	Offset
100	204+00.00 "NB"	35.00'
101	204+50.00 "NB"	34.78'
102	205+00.00 "NB"	48.14'
103	209+08.92 "NB"	48.53'
104	209+09.33 "NB"	63.81'
105	213+57.97 "NB"	258.71'
106	107+90.94 "EB"	47.07'
107	96+58.46 "EB"	54.07'
108	115+77.66 "EB"	52.14'
109	118+59.85 "EB"	75.94'
110	120+72.50 "EB"	38.94'
111	218+46.39 "NB"	51.06'
112	218+00.00 "NB"	40.83'
113	215+78.79 "NB"	41.72'
114	213+64.40 "NB"	34.84'
115	213+61.37 "NB"	137.09'
116	214+19.67 "NB"	180.01'
117	115+84.66 "EB"	120.85'
118	215+78.35 "NB"	56.71'
119	214+85.75 "NB"	53.73'
120	214+86.23 "NB"	38.74'
508	212+27.25 "NB"	0.00'
509	96+58.68 "EB"	0.00'
510	115+74.73 "EB"	8.95'
515	204+00.00 "NB"	0.00'

TLE Station & Offset Table		
Point No.	Station	Offset
T1	205+00.00 "NB"	58.14'
T2	209+09.19 "NB"	58.53'
T6	217+87.54 "NB"	41.62'
T16	120+72.64 "EB"	63.71'

UTILITY INTERESTS REQUIRED		
UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
40	CENTURYLINK - COMMUNICATIONS	RELEASE OF RIGHTS

(10) **CENTURYLINK - COMMUNICATIONS**
NO RECORD OF EASEMENT - PARCEL 4

(40) **NORTH-WEST TELEPHONE COMPANY**
VOL 114, P 301, DOC 357930 - PARCEL 1

FEE-0.393 AC (4)
TLE-GRADING 0.062 AC (4)
PARCEL PREVIOUSLY ACQUIRED PROJECT 6020-00-21 0.266 ACRES REMNANT
PLATS OF SURVEY 13751 1757
LOT 1 CSM 1051 VOL 5, P 43, DOC 454555
FEE-0.072 AC (4)
TLE-GRADING 0.035 AC (4)
INGRESS-EGRESS EASEMENT SHOWN ON CSM 4779
LEEDS
TLE-GRADING (2)
LOT 1 CSM 4779 VOL 33, P 114, DOC 770756
TLE-GRADING (1)
PARCEL B CSM VOL 1 OF SURVEYS, P 145, DOC 362123

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES
1	MAT A PETERSON	FEE, TLE	0.073		0.073	0.064
2	LAURA A TRUSS & KYLE A VINEY	FEE, TLE	0.054		0.054	0.049
3	JOSEPH C PROCHOT	FEE	0.032	0.162	0.194	
4	URBAN M & FAYE L BOLLIG	FEE, TLE	0.465		0.465	0.097
	ALL AREAS SHOWN IN ACRES UNLESS OTHERWISE NOTED.					

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

I, KEIF S. CALLAWAY, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

SIGNATURE: _____ DATE: 9/25/2019
PRINT NAME: KEIF S. CALLAWAY
REGISTRATION NUMBER: S-2607

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION
SW REGION - MADISON OFFICE
SIGNATURE: _____ DATE:10/21/2019
PRINT NAME: CORY SCHLAGEL

WISCONSIN — Keif S. Callaway S-2607 Sun Prairie, WI — LAND SURVEYOR

ALIGNMENT CURVE: C-1
PI STA = 112+44.71"EB"
Y = 318525.426
X = 572297.136
DELTA = 3°24'45" RT
D = 0°30'58"
T = 330.64'
L = 661.09'
R = 11100.00'
PC STA = 109+14.07"EB"
PT STA = 115+75.16"EB"

ALIGNMENT CURVE: C-2
PI STA = 120+59.91"EB"
Y = 318475.588
X = 573111.009
DELTA = 5°34'47" LT
D = 5°12'31"
T = 53.61'
L = 107.13'
R = 1100.00'
PC STA = 120+06.31"EB"
PT STA = 121+13.43"EB"
AH = N 87°55'27" E

ALIGNMENT CURVE: C-3
PI STA = 122+35.04"EB"
Y = 318481.935
X = 573286.109
DELTA = 33°57'31" RT
D = 54°34'03"
T = 32.06'
L = 62.23'
R = 105.00'
PC STA = 122+02.98"EB"
PT STA = 122+65.21"EB"
BK = N 87°55'27" E
AH = S 58°07'02" E

ALIGNMENT CURVE: C-4
PI STA = 212+93.18"NB"
Y = 317765.144
X = 573373.701
DELTA = 2°15'21" RT
D = 2°07'19"
T = 53.16'
L = 106.31'
R = 2700.00'
PC STA = 212+40.02"NB"
PT STA = 213+46.33"NB"
AH = N 01°33'34" E

ALIGNMENT CURVE: C-5
PI STA = 216+99.11"NB"
Y = 318170.939
X = 573384.747
DELTA = 6°16'00" LT
D = 4°46'29"
T = 65.69'
L = 131.25'
R = 1200.00'
PC STA = 216+33.42"NB"
PT STA = 217+64.67"NB"
BK = N 01°33'34" E
AH = N 04°42'27" W

ALIGNMENT CURVE: C-6
PI STA = 218+44.16"NB"
Y = 318315.622
X = 573372.833
DELTA = 7°17'58" RT
D = 20°54'39"
T = 17.48'
L = 34.91'
R = 274.00'
PC STA = 218+26.68"NB"
PCC STA = 218+61.59"NB"
BK = N 04°42'27" W
AH = N 02°35'31" E

ALIGNMENT CURVE: C-7
PI STA = 218+96.01"NB"
Y = 318367.475
X = 573375.181
DELTA = 35°03'33" RT
D = 52°33'54"
T = 34.43'
L = 66.70'
R = 109.00'
PCC STA = 218+61.59"NB"
PT STA = 219+28.28"NB"
BK = N 02°35'31" E
AH = N 37°39'04" E

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), COLUMBIA COUNTY, NAD83 (2011), IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES. GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:
EXISTING HIGHWAY RIGHT OF WAY FOR USH 51 ESTABLISHED FROM PREVIOUS PROJECTS 4608, 460F & 460G, CSM 1051, CSM 2068, CSM 4779, CSM VOL. 1 OF SURVEYS, PAGE 145, DOC 362123 AND PLAT OF SURVEY 8958.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY ¾" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

EXISTING HIGHWAY RIGHT OF WAY FOR STH 22 ESTABLISHED FROM PREVIOUS PROJECT S0294(6), CSM 1051, CSM 2068, PLAT OF SURVEY 13751 AND PLAT OF SURVEY 1757.

EXISTING HIGHWAY RIGHT OF WAY FOR STH 60 ESTABLISHED FROM PREVIOUS PROJECTS 6010-00-21, 6010-03-21.

EXISTING ACCESS CONTROL ALONG USH 51 HAS BEEN ESTABLISHED FROM PREVIOUS PROJECT CA 05-2 (1).

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN MADISON.

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET. RECORDED AS SHEET 2 OF 2

FOUND IRON PINS ARE 3/4", UNLESS OTHERWISE NOTED.

SE-SE

PROJECT LOCATION — LOCATION SKETCH NOT TO SCALE

TRANSPORTATION PROJECT PLAT NO: 6020-00-20 - 4.01

THAT PART OF PARCEL B OF CSM VOLUME 1 OF SURVEYS, PAGE 145, DOCUMENT NUMBER 362123 LOCATED IN THE SE ¼ OF THE SE ¼. ALSO, THAT PART OF LOT 1 OF CSM 4779 VOLUME 33, PAGE 114, DOCUMENT NUMBER 770756 AND LOT 1 OF CSM 1051 VOLUME 5, PAGE 43, DOCUMENT NUMBER 454555 ALL LOCATED IN THE NE ¼ OF THE SE ¼. ALSO, THAT PART OF THE NE ¼ OF THE SE ¼. ALL LOCATED IN SECTION 17, T 10 N, R 10 E, TOWN OF LEEDS, COLUMBIA COUNTY, WISCONSIN.

RELOCATION ORDER USH 51 DEFOREST - PORTAGE (STH 22/ STH 60 INTERSECTION), COLUMBIA COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3), 84.09 AND 84.30 WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

PRELIMINARY AND NOT FOR RECORDING PURPOSES

SCALE, FEET 0 100 200

GN

504
ALUM MON
Y 321235.370
X 570726.690

ALIGNMENT CURVE: C-1
PI STA = 112+44.71"EB"
Y = 318525.426
X = 572297.136
DELTA = 3°24'45" RT
D = 0°30'58"
T = 330.64'
L = 661.09'
R = 11100.00'
PC STA = 109+14.07"EB"
PT STA = 115+75.16"EB"

ALIGNMENT CURVE: C-2
PI STA = 120+59.91"EB"
Y = 318475.588
X = 573111.009
DELTA = 5°34'47" LT
D = 5°12'31"
T = 53.61'
L = 107.13'
R = 1100.00'
PC STA = 120+06.31"EB"
PT STA = 121+13.43"EB"
AH = N 87°55'27" E

ALIGNMENT CURVE: C-3
PI STA = 122+35.04"EB"
Y = 318481.935
X = 573286.109
DELTA = 33°57'31" RT
D = 54°34'03"
T = 32.06'
L = 62.23'
R = 105.00'
PC STA = 122+02.98"EB"
PT STA = 122+65.21"EB"
BK = N 87°55'27" E
AH = S 58°07'02" E

ALIGNMENT CURVE: C-8
PI STA = 221+61.49"NB"
Y = 318617.064
X = 573405.250
DELTA = 18°28'30" RT
D = 15°39'17"
T = 59.52'
L = 118.02'
R = 366.00'
PC STA = 221+01.97"NB"
PT STA = 222+19.98"NB"
BK = N 20°04'15" W

TOWN

Course Table		
504-503	S 0° 19' 47" W	2679.43'
504-200	S 0° 19' 47" W	2646.52'
505-501	S 0° 34' 06" W	2666.71'
505-511	S 0° 34' 06" W	1958.64'
511-501	S 0° 34' 06" W	708.07'
501-503	N 88° 45' 00" W	2659.94'
503-200	N 0° 19' 47" E	32.91'
501-PT C-3	S 60° 04' 33" W	66.06'
501-516	N 61° 11' 26" E	74.30'
502-503	N 0° 20' 01" E	2644.06'
502-509(RL)	N 0° 20' 01" E	2616.04'
509(RL)-503	N 0° 20' 01" E	28.02'
511-513(RL)	N 88° 29' 49" E	11.23'
200-201	S 89° 30' 09" E (S 89° 56' 15" E)	722.74' (722.71')
201-202	N 60° 39' 20" E (N 60° 12' 58" E)	170.48' (170.47')
202-203	N 40° 08' 09" E (N 39° 42' 46" E)	129.67' (129.79')
203-204	N 75° 42' 43" E (N 75° 18' 22" E)	129.87' (129.79')
204-205	S 80° 09' 33" E (S 80° 32' 44" E)	117.26' (117.43')
205-206	S 69° 58' 24" E (S 70° 21' 47" E)	350.80' (350.99')
206-207	S 75° 34' 32" E (S 75° 59' 59" E)	246.77' (246.76')
207-208	S 86° 05' 25" E	284.37'
208-209	S 81° 38' 59" E	281.10'
209-210	S 89° 12' 52" E	171.13'
210-215	N 72° 00' 38" E	135.57'
215-211	N 0° 34' 06" E	187.56'
211-212	N 16° 08' 13" W	95.69'
212-213	N 2° 13' 06" E	300.67'
213-214	N 12° 08' 10" E	51.47'
214-511	N 88° 29' 49" E	41.55'

TLE Station & Offset Table		
Point No.	Station	Offset
T7	116+70.00 "EB"	79.33'
T8	116+38.00 "EB"	120.00'
T9	116+56.00 "EB"	139.00'
T10	117+60.11 "EB"	74.29'
T11	118+00.00 "EB"	70.91'
T12	117+74.00 "EB"	112.00'
T13	117+98.00 "EB"	123.00'
T14	118+75.00 "EB"	87.00'
T15	118+98.00 "EB"	62.60'
T17	121+62.53 "EB"	97.79'

Station & Offset Table		
Point No.	Station	Offset
200	96+58.94 "EB"	60.93'
201	103+81.67 "EB"	55.81'
202	105+30.14 "EB"	139.59'
203	106+13.57 "EB"	238.87'
204	107+39.37 "EB"	271.12'
205	108+54.94 "EB"	251.26'
206	111+81.50 "EB"	134.92'
207	114+20.25 "EB"	82.19'
208	117+03.47 "EB"	79.09'
209	119+83.56 "EB"	55.34'
210	121+60.13 "EB"	53.96'
211	223+07.38 "NB"	60.98'
212	224+00.00 "NB"	85.00'
213	227+00.00 "NB"	65.00'
214	227+50.00 "NB"	52.78'
215	221+37.09 "NB"	79.44'
509	96+58.68 "EB"	0.00'
513	227+49.91 "NB"	0.00'
516	220+72.80 "NB"	0.00'

SW-NE

PARCEL A
PLAT OF SURVEY
8958

OF

UTILITY INTERESTS REQUIRED		
UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
40	CENTURYLINK - COMMUNICATIONS	RELEASE OF RIGHTS

(40) NORTH-WEST TELEPHONE COMPANY
VOL 285, P 184-185
DOC 442618 - PARCEL 8

505 ALUM MON
Y 321164.534
X 573397.034

DOC # 919207
REGISTER OF DEEDS
COLUMBIA COUNTY
RECORDED ON:
10/22/2019 11:09:08
PAGES: 1
KAREN A MANSKE
REGISTER OF DEEDS
REC FEE: $25.00

Exempt #:
VOLUME: TPP-E PAGE: 35

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 6020-00-20 - 4.02
AMENDMENT NO:___

PARCEL D
PLAT OF SURVEY
8958

PARCEL C
PLAT OF SURVEY
8958

PARCEL B
PLAT OF SURVEY
8958

LOT 3
CSM 3088
VOL 20, P 85,
DOC 589891

LOT 2
CSM 3088
VOL 20, P 85,
DOC 589891

LOT 1
CSM 3088
VOL 20, P 85,
DOC 589891

LOT 1
CSM 828
VOL 4 OF SURVEYS
P 48,
DOC 435239
PLAT OF SURVEY
8579

SE-NE

LOT 1
CSM 5973
VOL 43, P 14,
DOC 899933

LEEDS

REMNANT
0.597 AC
PLAT OF SURVEY
11198

MAP OF SURVEY
11150

LOT 1
CSM 3860
VOL 26, P 97,
DOC 668575

LOT 2
CSM 3860
VOL 26,
P 97,
DOC
668575

LOT 2, CSM 828
VOL 4 OF SURVEYS
P 48, DOC 435239

TLE-DRIVEWAY
0.022 AC

TLE-DRIVEWAY
0.085 AC

TLE-GRADING

PLAT OF
SURVEY 6774

STH 22

STH 60

USH 51/STH 60

30' INGRESS-EGRESS
EASEMENT SHOWN ON
PLAT OF SURVEY 1977

ACCESS EASEMENT
SHOWN ON CSM 3860

ROAD EASEMENT
VOL 122 OF RECORDS
SHOWN ON CSM 828

15' ACCESS EASEMENT SHOWN
ON PLAT OF SURVEY 11198

SEE TPP 6020-00-20 - 4.01

SEE TPP 6020-00-20 - 4.03

GN

503
ALUM MON
Y 318555.988
X 570711.276

502
ALUM MON
Y 315911.965
X 570695.886

501
ALUM MON
Y 318497.956
X 573370.587

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES
6	WILFRED J & CORINNE R WIEDENBECK LIVING TRUST	TLE				0.053
7	ROBERT L & AMBER M GINGRICH	TLE				0.107
8	CASEY J BORMANN	FEE, TLE, AR	0.064	0.207	0.271	0.065
9	JAMIE M PAULI & ROBYN M PAVEL	FEE	0.185	0.014	0.199	
	ALL AREAS SHOWN IN ACRES UNLESS OTHERWISE NOTED.					

TRANSPORTATION PROJECT PLAT NO: 6020-00-20 - 4.02

THAT PART OF LOT 1 OF CSM 5973 VOLUME 43, PAGE 14, DOCUMENT NUMBER 899933. ALSO, THAT PART OF LOTS 1 AND 2 OF CSM 3860 VOLUME 26, PAGE 97, DOCUMENT NUMBER 668575 AND LOT 1 OF CSM 828 VOLUME 4 OF SURVEYS, PAGE 48, DOCUMENT NUMBER 435239 ALL LOCATED IN THE SE ¼ OF THE NE ¼. ALSO, THAT PART OF THE SE ¼ OF THE NE ¼. ALL LOCATED IN SECTION 17, T 10 N, R 10 E, TOWN OF LEEDS, COLUMBIA COUNTY, WISCONSIN.

RELOCATION ORDER USH 51 DEFOREST - PORTAGE (STH 22/ STH 60 INTERSECTION), COLUMBIA COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3), 84.09 AND 84.30 WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:
EXISTING HIGHWAY RIGHT OF WAY FOR USH 51 ESTABLISHED FROM PREVIOUS PROJECTS 460F & 460G, CSM 1051 AND PLAT OF SURVEY 8958.

EXISTING HIGHWAY RIGHT OF WAY FOR STH 22 ESTABLISHED FROM PREVIOUS PROJECT S0294(6), CSM 3088, CSM 3852, PLAT OF SURVEY 13429 AND PLAT OF SURVEY 11198.

EXISTING HIGHWAY RIGHT OF WAY FOR STH 60 ESTABLISHED FROM PREVIOUS PROJECTS 6010-00-21 AND 6010-03-21.

EXISTING ACCESS CONTROL ALONG USH 51 HAS BEEN ESTABLISHED FROM PREVIOUS PROJECT CA 05-2(1)

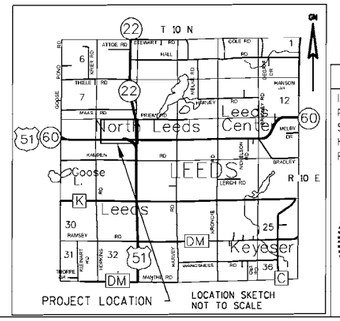
FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN MADISON.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY ¾" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

FOUND IRON PINS ARE 3/4", UNLESS OTHERWISE NOTED.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), COLUMBIA COUNTY, NAD83(2011), IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF REGISTER OF DEEDS, IN COLUMBIA COUNTY AS SHEET 2 OF 2 OF DOCUMENT NO. 919184.



SCALE, FEET
0 100 200

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

I, KEIF S. CALLAWAY, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN Keif S. Callaway S-2607 Sun Prairie, WI LAND SURVEYOR

SIGNATURE: _____ DATE: 9/25/2019
PRINT NAME: KEIF S. CALLAWAY
REGISTRATION NUMBER: S-2607

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION
SW REGION - MADISON OFFICE
SIGNATURE: _____ DATE: 10/22/2019
PRINT NAME: CORY SCHLAGEL

PRELIMINARY AND NOT FOR BIDDING PURPOSES

TRANSPORTATION PROJECT PLAT NO: 6020-00-20 - 4.03

PAGE 55 DOCUMENT NUMBER 522345 LOCATED IN THE SW ¼ OF THE SW ¼, ALSO, THAT PART OF THE SW ¼ OF THE SW ¼, ALL LOCATED IN SECTION 16, T 10 N, R 10 E, TOWN OF LEEDS, COLUMBIA COUNTY, WISCONSIN.

RELOCATION ORDER USH 51 DE-FOREST - PORTAGE (STH 22/ STH 60 INTERSECTION), COLUMBIA COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.09 (3), 84.09 AND 84.30 WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT, AND
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 3DC 46 20 4.03
AMENDMENT NO.: ___

DOC # 919208
REGISTER OF DEEDS
COLUMBIA COUNTY, WI
RECORDED ON:
10/22/2019 11:09:08
PAGES: 1
KAREN A. MANSKE
REGISTER OF DEEDS
REC FEE: 25.00

EXEMPT #: 1
VACATE: PAGE: 36
ELECTRONICALLY ENTERED BY JESSICA

SCALE, FEET
0 100 200

GN

SEE TPP 6020-00-20 - 4.01

SEE TPP 6020-00-20 - 4.02

TOWN

SW-NW

SW-SW

NW-SW

SE-NW

NE-SW

CEMETERY

STH 22

USH 51

STH 60

PI: 206+90.70"NB"

PI: 131+67.81"EB"

505 ALUM MON
Y 321164.534
X 573397.034
LOT 2, CSM 3852
VOL 26 P 85
DOC 667388

500 ALUM MON
Y 315834.372
X 573383.643

501 ALUM MON
Y 318497.956
X 573370.367

506 ALUM MON
Y 318491.204
X 576066.524

LOT 1 CSM 2068 VOL 12 P 55 DOC 522345

LOT 1 CSM 3085 VOL 20 P 82 DOC 589888

LOT 1 CSM 4460 VOL 31 P 73 DOC 736316

PLAT OF SURVEY 6117

16' EASEMENT VOL 287, P 503

EDI IP 2.94' N 2.94' E

80' X 65' DRIVEWAY EASEMENT

N86° 17' 37"E

S89° 56' 09"E

N1° 35' 45"W

N0° 41' 48"W

N0° 17' 03"W

Station & Offset Table		
Point No.	Station	Offset
300	227+49.81 "NB"	62.22'
301	223+41.12 "NB"	61.56'
302	223+41.15 "NB"	36.56'
303	222+35.57 "NB"	36.33'
304	221+62.42 "NB"	56.12'
305	221+48.82 "NB"	118.50'
306	225+62.88 "EB"	83.96'
307	225+62.55 "EB"	76.87'
308	226+66.30 "EB"	72.06'
309	231+60.30 "EB"	49.05'
310	231+60.23 "EB"	47.13'
311	140+24.68 "EB"	56.11'
312	142+25.32 "EB"	58.55'
313	129+60.00 "EB"	43.51'
314	125+10.00 "EB"	69.56'
315	217+91.56 "NB"	64.71'
316	214+37.05 "NB"	43.47'
317	213+69.40 "NB"	46.02'
318	213+62.89 "NB"	31.24'
319	209+68.52 "NB"	34.10'
320	209+69.19 "NB"	54.29'
321	206+68.38 "NB"	51.17'
322	206+68.99 "NB"	47.67'
323	205+00.00 "NB"	47.86'
324	204+50.00 "NB"	38.22'
325	204+00.00 "NB"	38.01'
508	212+27.25 "NB"	0.00'
513	227+49.91 "NB"	0.00'
514	141+32.87 "EB"	0.00'
515	204+00.00 "NB"	0.00'
516	226+72.80 "NB"	0.00'

Course Table		
505-501	S0° 34' 06" W	2656.71'
505-511	S0° 34' 06" W	1918.64'
501-511	N 0° 34' 06" E	708.07'
506-501	N 89° 51' 23" W	2655.95'
506-532	N 89° 51' 23" W	908.32'
532-501	N 89° 51' 23" W	1747.63'
500-507	N 0° 16' 37" W	2653.62'
500-507	N 0° 16' 37" W	1037.63'
507-508	N 0° 16' 37" W	827.24'
508-501	N 0° 16' 37" W	788.75'
503-516	N 62° 11' 26" E	74.30'
503-PT C-7	S 33° 56' 31" E	106.35'
501-PT C-9	S 48° 47' 17" E	109.81'
513-513(RL)	N 88° 29' 49" E	11.23'
513(RL)-300	N 88° 29' 49" E	62.22'
300-302	S 88° 29' 49" W	408.69'
302-303	S 1° 30' 11" E	25.00'
303-304	S 25° 29' 42" E	125.15'
304-305	S 89° 51' 23" E	50.42'
305-306	S 0° 34' 06" W	63.78'
306-307	S 89° 51' 23" E	98.00'
307-308	N 88° 56' 49" E	62.42'
308-309	N 89° 16' 18" E	103.87'
309-310	S 0° 33' 47" W	516.57'
310-311	N 89° 15' 16" E	1.92'
311-512	S 60° 11' 28" E	845.96'
512-514(RL)	S 60° 11' 28" E	109.58'
514(RL)-312	S 60° 11' 28" E	3.51'
312-313	S 89° 57' 24" W	118.00'
313-314	S 89° 57' 24" W	1321.03'
314-315	S 82° 15' 06" W	385.85'
315-316	S 46° 31' 38" W	162.11'
316-317	S 9° 15' 49" W	361.32'
317-318	S 0° 25' 11" E	73.69'
318-319	S 0° 16' 46" E	392.11'
319-320	S 89° 53' 37" E	23.19'
320-321	S 0° 04' 21" E	301.00'
321-322	S 89° 55' 39" W	3.50'
322-323	S 0° 21' 03" E	168.39'
323-324	S 10° 37' 46" W	50.92'
324-325	S 0° 02' 21" E	50.00'
325-515(RL)	S 89° 42' 57" W	38.00'
515(RL)-507	S 89° 42' 57" W	3.92'

UTILITY INTERESTS REQUIRED		
UTILITY NUMBER:	UTILITY OWNER(S):	INTEREST REQUIRED:
40	CENTURYLINK - COMMUNICATIONS	RELEASE OF RIGHTS

(40) NORTHWEST TELEPHONE COMPANY
DOC 357844 - PARCEL 11
VOL 104, P 141-142

(40) CENTURYLINK - COMMUNICATIONS
NO RECORD OF EASEMENT - PARCEL 13

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS); COLUMBIA COUNTY, NAD83(2011), IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

EXISTING HIGHWAY RIGHT OF WAY FOR STH 60 ESTABLISHED FROM PREVIOUS PROJECTS 6010-03-21, 5029(5), CSM 4460, CSM 3085 AND PLAT OF SURVEY 6117.

EXISTING HIGHWAY RIGHT OF WAY FOR STH 22 ESTABLISHED FROM PREVIOUS PROJECT 5029(6), CSM 1051, CSM 3852, CSM 2068, PLAT OF SURVEY 13429, PLAT OF SURVEY 13751, PLAT OF SURVEY 1757 AND PLAT OF SURVEY 11-98.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREON IS BASED ON THE FOLLOWING POINTS OF REFERENCE:
EXISTING HIGHWAY RIGHT OF WAY FOR STH 22 ESTABLISHED FROM PREVIOUS PROJECT 5029(6), CSM 1051, CSM 3852, CSM 2068, PLAT OF SURVEY 13429, PLAT OF SURVEY 13751, PLAT OF SURVEY 1757 AND PLAT OF SURVEY 11-98.

EXISTING ACCESS CONTROL ALONG US-51 HAS BEEN ESTABLISHED FROM PREVIOUS PROJECT CA 05-2(1).

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN WADISON.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2, (TYPICALLY ¾" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

FOUND IRON PINS ARE 3/4", UNLESS OTHERWISE NOTED.

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF REGISTER OF DEEDS, IN COLUMBIA COUNTY AS SHEET 2 OF 2 OF DOCUMENT NO. 919184.

ALIGNMENT CURVE: C-9
PI STA = 124+78.95"EB"
Y = 318448.221
X = 573517.781
DELTA = 15°35'12" RT
D = 11°27'33"
T = 68.43'
L = 136.02'
R = 500.00'
PC STA = 124+10.52"EB"
PT STA = 125+46.53"EB"
BK = N 70°42'25" E

ALIGNMENT CURVE: C-4
PI STA = 222+93.38"NB"
Y = 317765.44
X = 573373.701
DELTA = 2°55'21" RT
D = 2°07'19"
T = 53.16'
L = 106.31'
R = 2700.00'
PC STA = 212+40.02"NB"
PT STA = 213+46.33"NB"
AH = N 01°33'34" E

ALIGNMENT CURVE: C-6
PI STA = 213+44.16"NB"
Y = 318315.622
X = 573372.833
DELTA = 7°17'58" RT
D = 20°54'39"
T = 17.48'
L = 34.91'
R = 274.00'
PC STA = 213+26.68"NB"
PCC STA = 213+61.59"NB"
BK = N 04°42'27" W
AH = N 02°35'31" E

ALIGNMENT CURVE: C-7
PI STA = 218+96.01"NB"
Y = 318357.475
X = 573375.185
DELTA = 35°03'33" RT
D = 52°33'54"
T = 34.43'
L = 66.70'
R = 109.00'
PCC STA = 218+61.59"NB"
PT STA = 219+28.28"NB"
BK = N 02°35'31" E
AH = N 37°39'04" E

ALIGNMENT CURVE: C-8
PI STA = 221+61.49"NB"
Y = 318617.054
X = 573405.250
DELTA = 18°28'30" RT
D = 15°39'17"
T = 59.52'
L = 118.02'
R = 366.00'
PC STA = 221+01.97"NB"
PT STA = 222+19.98"NB"
BK = N 20°04'15" W

ALIGNMENT CURVE: C-5
PI STA = 216+93.11"NB"
Y = 318170.939
X = 573384.747
DELTA = 6°56'00" LT
D = 4°46'29"
T = 65.69'
L = 131.25'
R = 1200.00'
PC STA = 215+33.42"NB"
PT STA = 217+64.67"NB"
AH = N 04°42'27" W

PI STA = 131+67.81"EB"
Y = 318492.806
X = 574206.047
DELTA = 3°46'14" RT
D = 0°55'21"
T = 204.42'
L = 408.68'
R = 6210.00'
PC STA = 129+63.39"EB"
PT STA = 133+72.08"EB"

PI STA = 206+90.70"NB"
Y = 317162.708
X = 573381.026
DELTA = 0°24'45" LT

LEEDS

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES
11	SANDRA J PERRY; DONNA V ELLETSON; DONALD C THURSTON & CYNTHIA L THURSTON	FEE	0.200	1.191	1.391	
12	DANIEL KRUWMEN	FEE				
13	K & P HERSCHLEB TRUST; RICHARD S HERSCHLEB & MARY T HERSCHLEB	FEE	98 SF		98 SF	
			0.003		0.038	

ALL AREAS SHOWN IN ACRES UNLESS OTHERWISE NOTED.

GW:\WERS\NAMES ARE'S-OWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

I, KEIF S. CALLAWAY, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

SIGNATURE: Keif S. Callaway DATE: 9/25/2019
PRINT NAME: KEIF S. CALLAWAY
REGISTRATION NUMBER: S-2607

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION
SW REGION - MADISON, WI

SIGNATURE: Cory Schlagel DATE: 10/22/2019
PRINT NAME: CORY SCHLAGEL

Keif S. Callaway S-2607 Sun Prairie, WI — WISCONSIN LAND SURVEYOR

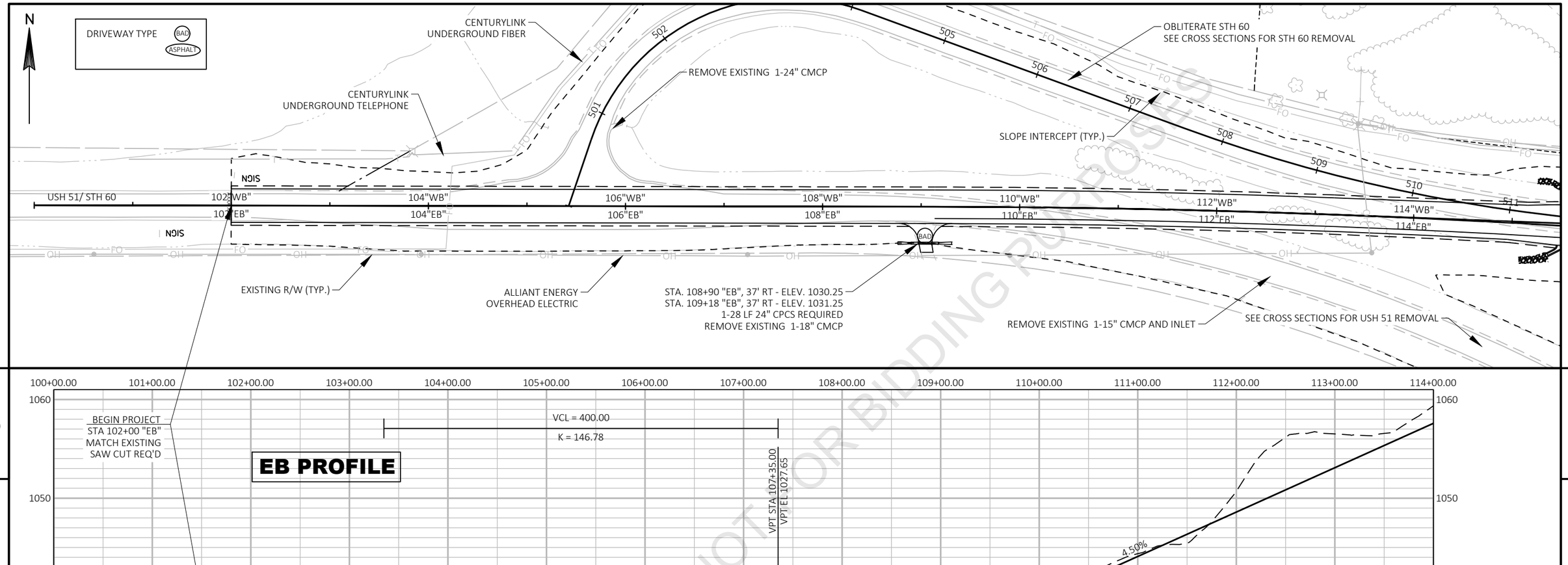
PRELIMINARY AND NOT FOR BIDDING PURPOSES

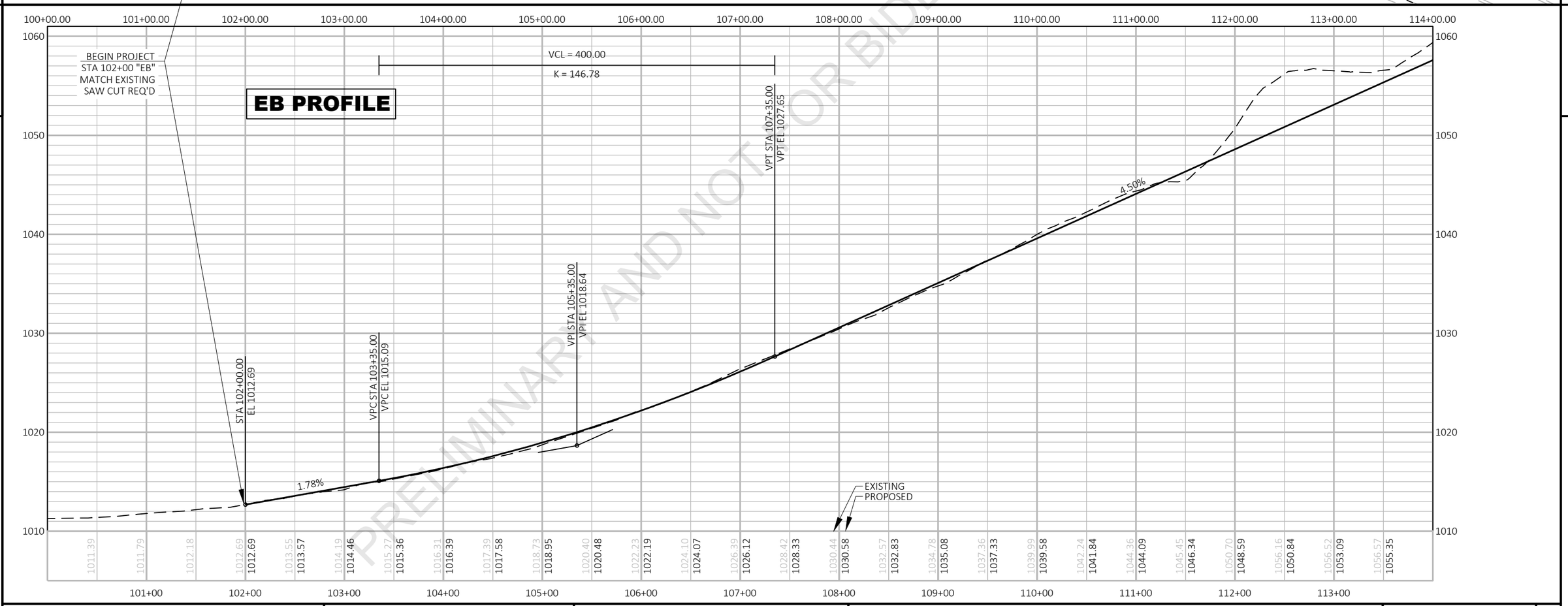
FILE NAME : N:\PDS\RW-PLAT\602000000\DWG\040403.DWG
APPRAISAL PLAT DATE : 9/25/2019
PLOT DATE : 10/22/2019 9:29 AM
PLOT BY : CALLAWAY, KEIF S
PLOT NAME :
PLOT SCALE : 1 IN:200 FT

6020-00-20 4.03

4

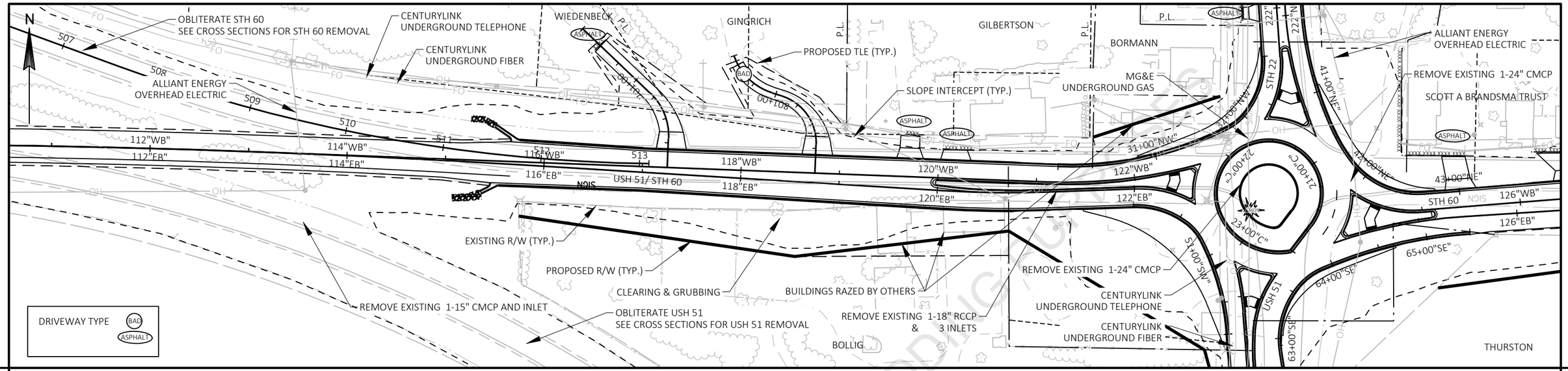
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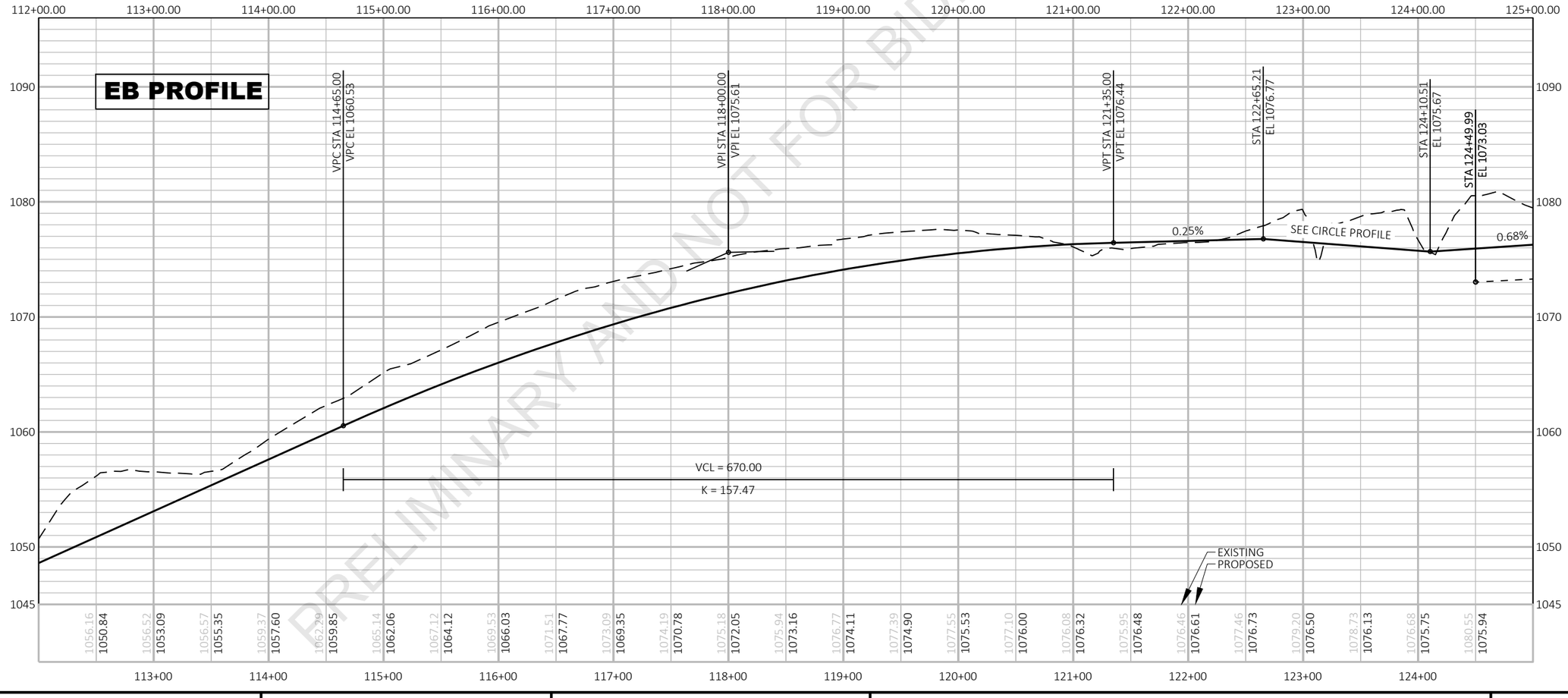




PRELIMINARY AND NOT FOR BIDDING PURPOSES

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	EB PLAN & PROFILE	SHEET E

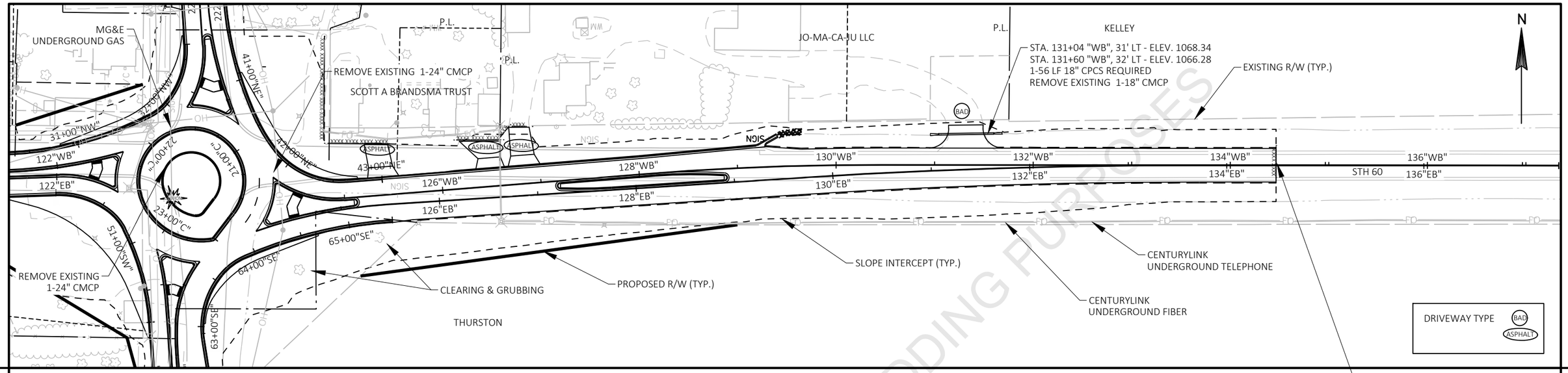


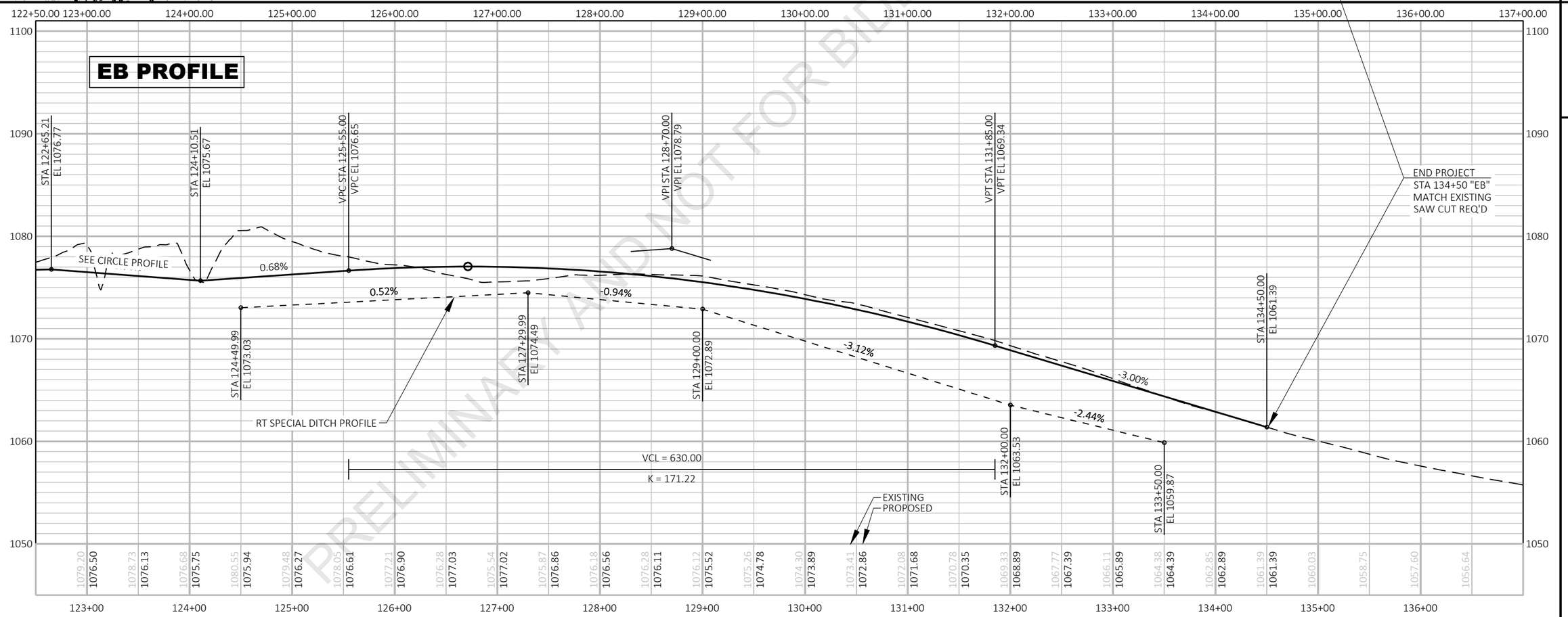


PRELIMINARY AND NOT FOR BIDDING PURPOSES

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	EB PLAN & PROFILE	SHEET	E

FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - PLAN & PROFILE EB 2
PLOT DATE : 6/8/2021 11:01 AM
PLOT BY : PAYNE, GREGORY A
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

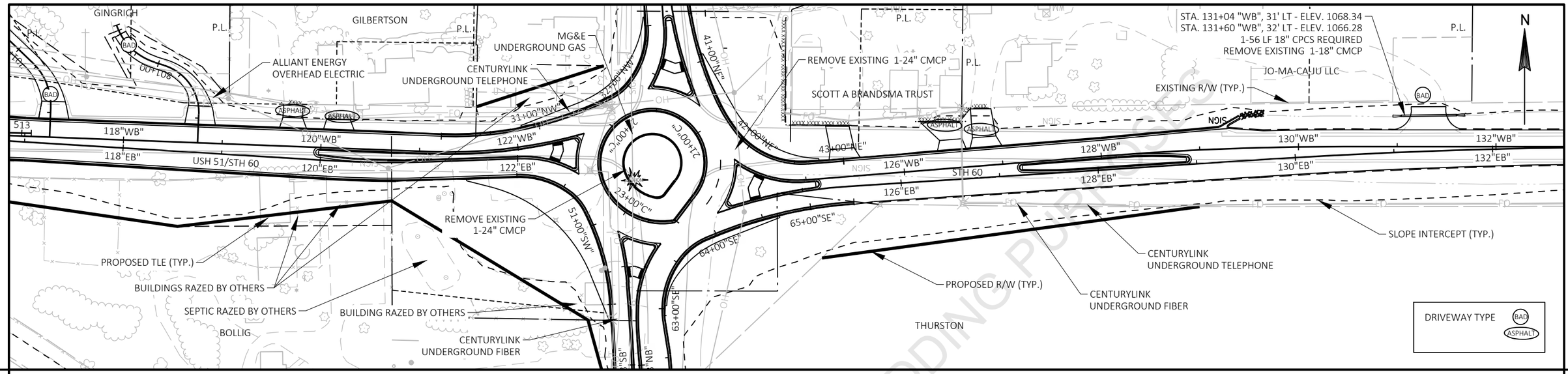


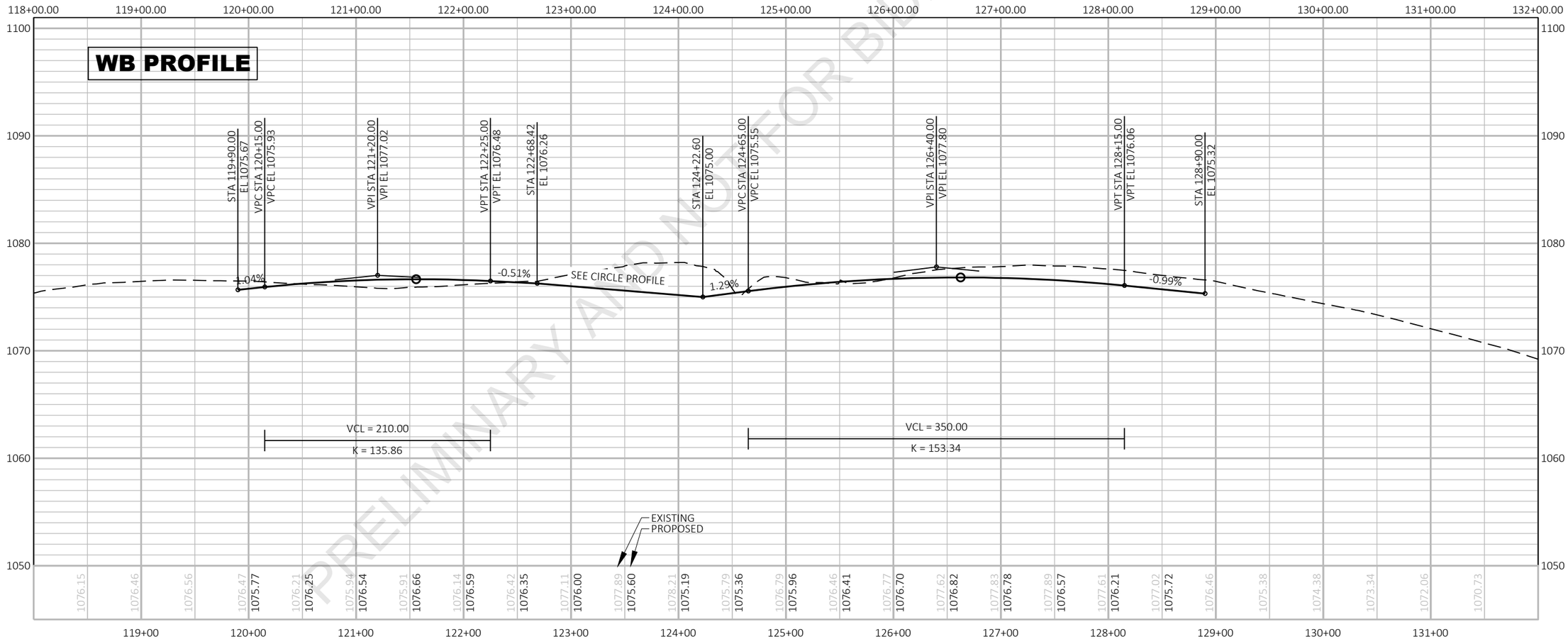


PRELIMINARY AND NOT FOR BIDDING PURPOSES

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	EB PLAN & PROFILE	SHEET E

FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - PLAN & PROFILE EB 3
PLOT DATE : 6/8/2021 11:02 AM
PLOT BY : PAYNE, GREGORY A
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44





PRELIMINARY AND NOT FOR BIDDING PURPOSES

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	WB PLAN & PROFILE	SHEET E

FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - PLAN & PROFILE WB 1

PLOT DATE : 6/8/2021 11:02 AM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:100 FT

PARCEL B
CSM
VOL 1 OF SURVEYS

N

PETERSON

STA. 207+81 "NB", 34' LT - ELEV. 1084.44
STA. 208+13 "NB", 34' LT - ELEV. 1084.79
1-32 LF 18" CPCS REQUIRED

TRUSS

HERSCHLEB

P.L.

SLOPE INTERCEPT (TYP.)

MG&E
UNDERGROUND GAS

CENTURYLINK
UNDERGROUND TELEPHONE

PROPOSED R/W (TYP.)

PROPOSED TLE (TYP.)

REMOVE EXISTING
1-18" CMCP

REMOVE EXISTING
1-15" CMCP
AND INLET

PROCHOT

BOLLIG

REMOVE EXISTING
1-30" RCCP

SEE CROSS SECTIONS FOR USH 51 REMOVAL

REMOVE EXISTING
1-18" CMCP

REMOVE EXISTING
1-18" CMCP

202"SB"
202"NB"
USH 51
204"SB"
204"NB"
206"SB"
206"NB"
208"SB"
208"NB"
210"SB"
210"NB"
212"SB"
212"NB"
214"SB"
214"NB"
216"SB"
216"NB"

ASPHALT
BAD
SIGN
HO
OH
FO
INL
CEMETERY

61+00"SE"

EXISTING R/W (TYP.)

STA. 206+60 "NB", 34' RT - ELEV. 1082.37
STA. 207+16 "NB", 34' RT - ELEV. 1083.34
1-56 LF 18" CPCS REQUIRED
REMOVE EXISTING 1-18" CMCP

MGS GUARDRAIL
SEE GUARDRAIL DETAILS (TYP.)

ALLIANT ENERGY
OVERHEAD ELECTRIC

DRIVEWAY TYPE
BAD
ASPHALT

HERSCHLEB

KRUMMEN

GREENWOOD CEMETERY

THURSTON

P.L.

REMOVE UTILITY POLES - LEAVE WITH PROPERTY OWNER

PRELIMINARY AND NOT FOR BIDDING PURPOSES

5

NB PROFILE

202+00.00 203+00.00 204+00.00 205+00.00 206+00.00 207+00.00 208+00.00 209+00.00 210+00.00 211+00.00 212+00.00 213+00.00 214+00.00 215+00.00 216+00.00 217+00.00

1110 1100 1090 1080 1070 1060

BEGIN CONSTRUCTION
STA 205+00 "NB"
MATCH EXISTING
SAW CUT REQ'D

STA 205+00.00
EL 1082.70

VPC STA 206+40.00
VPC EL 1085.51

VPI STA 209+40.00
VPI EL 1091.52

VPT STA 212+40.00
VPT EL 1087.01

2.00%

-1.50%

VCL = 600.00
K = 170.97

EXISTING
PROPOSED

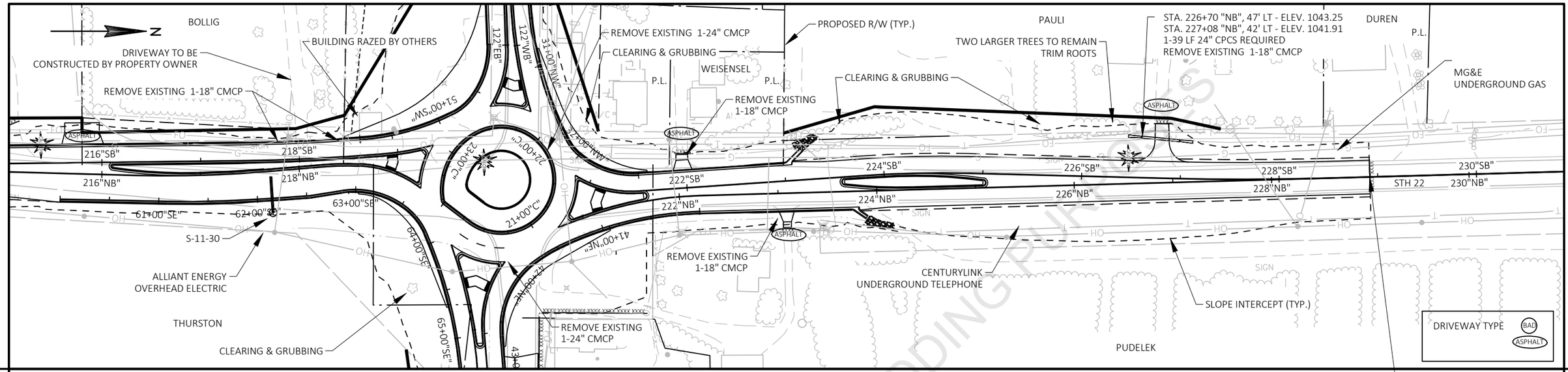
1079.01	1079.57	1080.43	1081.17	1081.99
1082.83	1082.70	1083.90	1083.70	1084.92
1084.71	1086.04	1085.71	1087.08	1086.61
1087.68	1087.36	1088.68	1087.97	1089.38
1088.43	1089.81	1088.74	1090.53	1088.91
1090.67	1088.93	1090.41	1088.81	1089.62
1088.54	1088.75	1088.12	1088.01	1087.56
1087.26	1086.86	1086.30	1086.10	1085.76
1085.35	1085.22	1084.60	1084.77	1083.85
1084.16	1083.09	1083.45	1082.34	1083.12
1081.59	1082.89	1080.84		

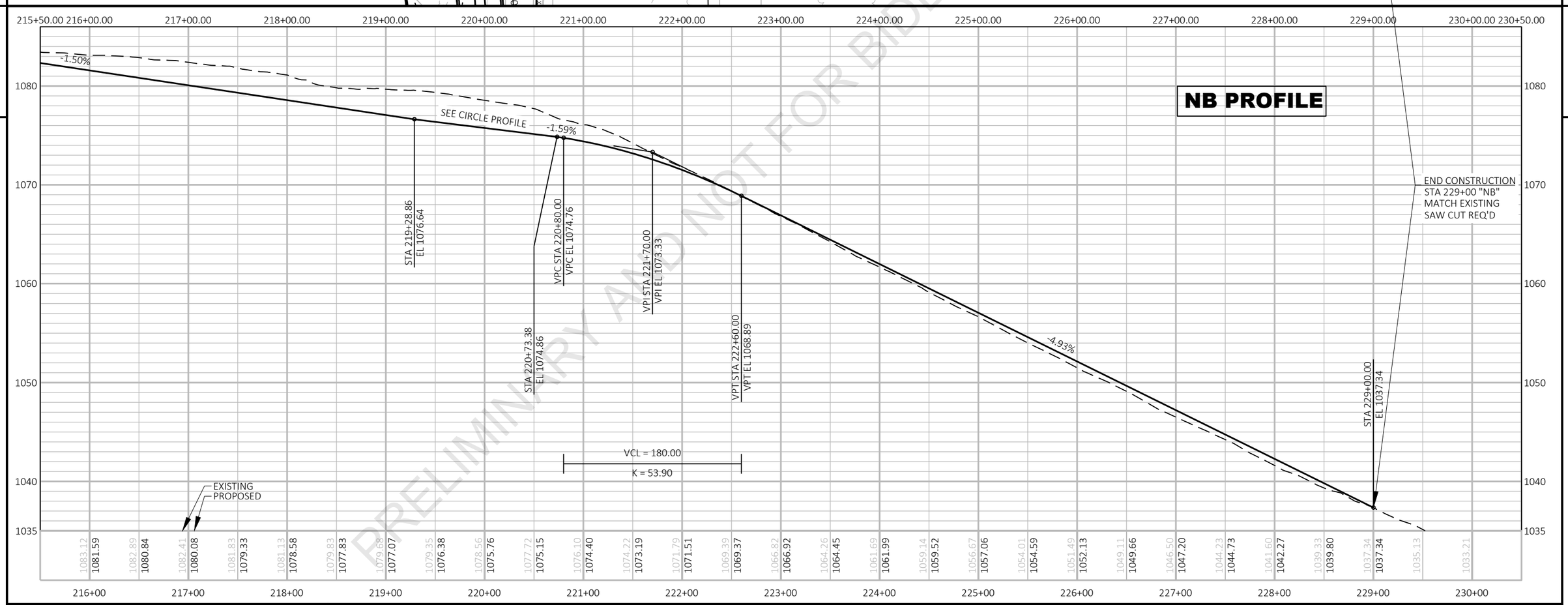
203+00 204+00 205+00 206+00 207+00 208+00 209+00 210+00 211+00 212+00 213+00 214+00 215+00 216+00

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	NB PLAN & PROFILE	SHEET E

FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - PLAN & PROFILE NB 1

PLOT DATE : 6/8/2021 11:03 AM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:100 FT



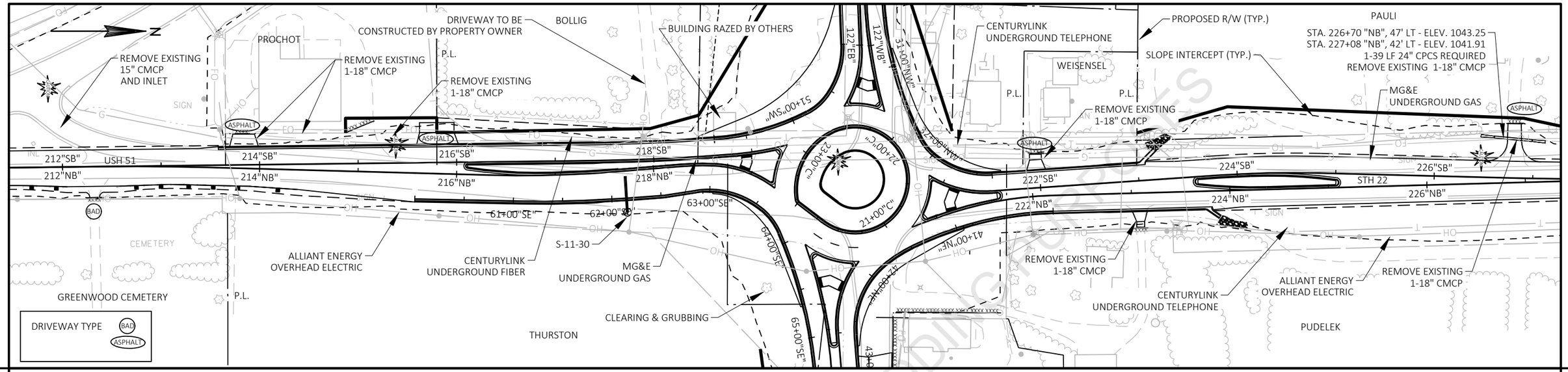


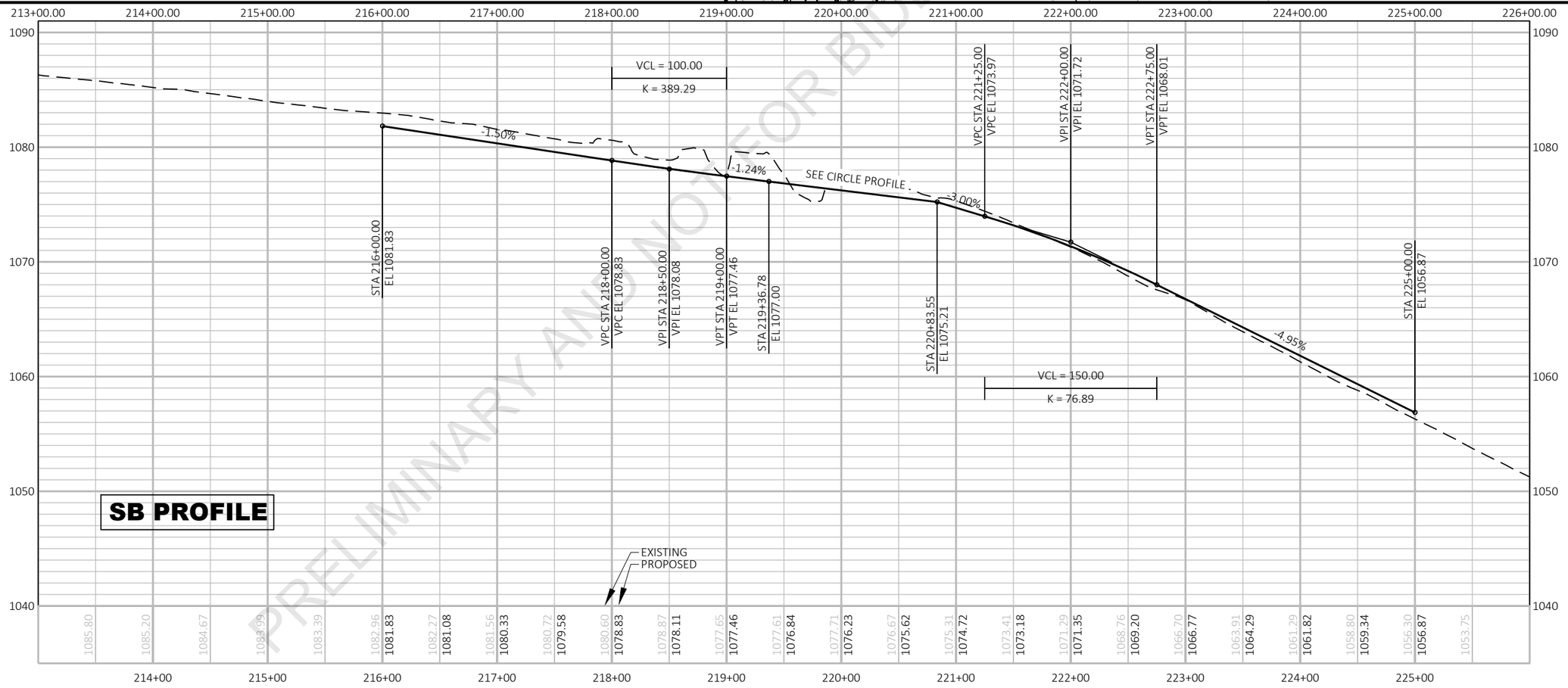
PRELIMINARY AND NOT FOR BIDDING PURPOSES

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	NB PLAN & PROFILE	SHEET E

FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - PLAN & PROFILE NB 2

PLOT DATE : 6/8/2021 11:03 AM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:100 FT



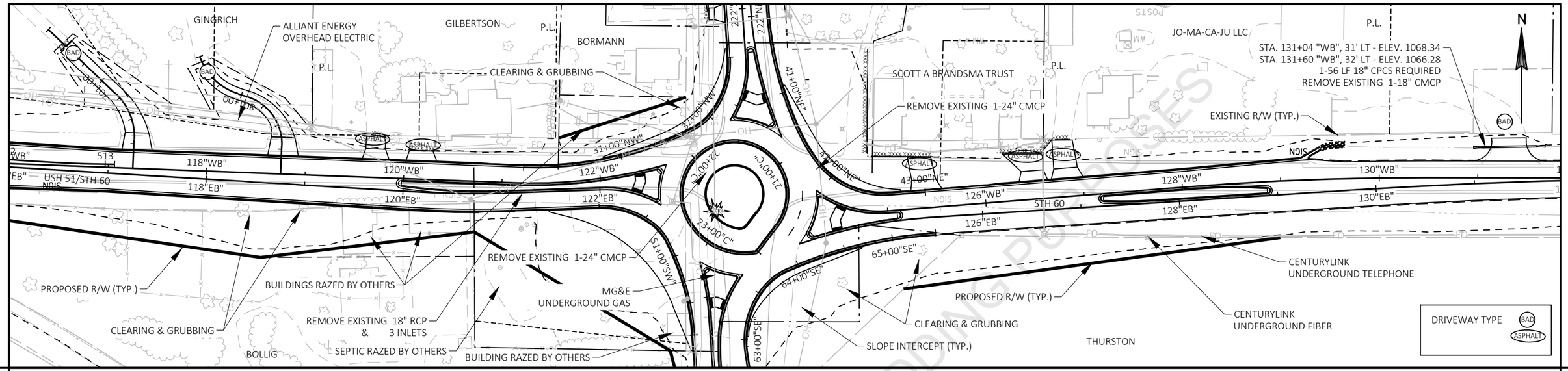


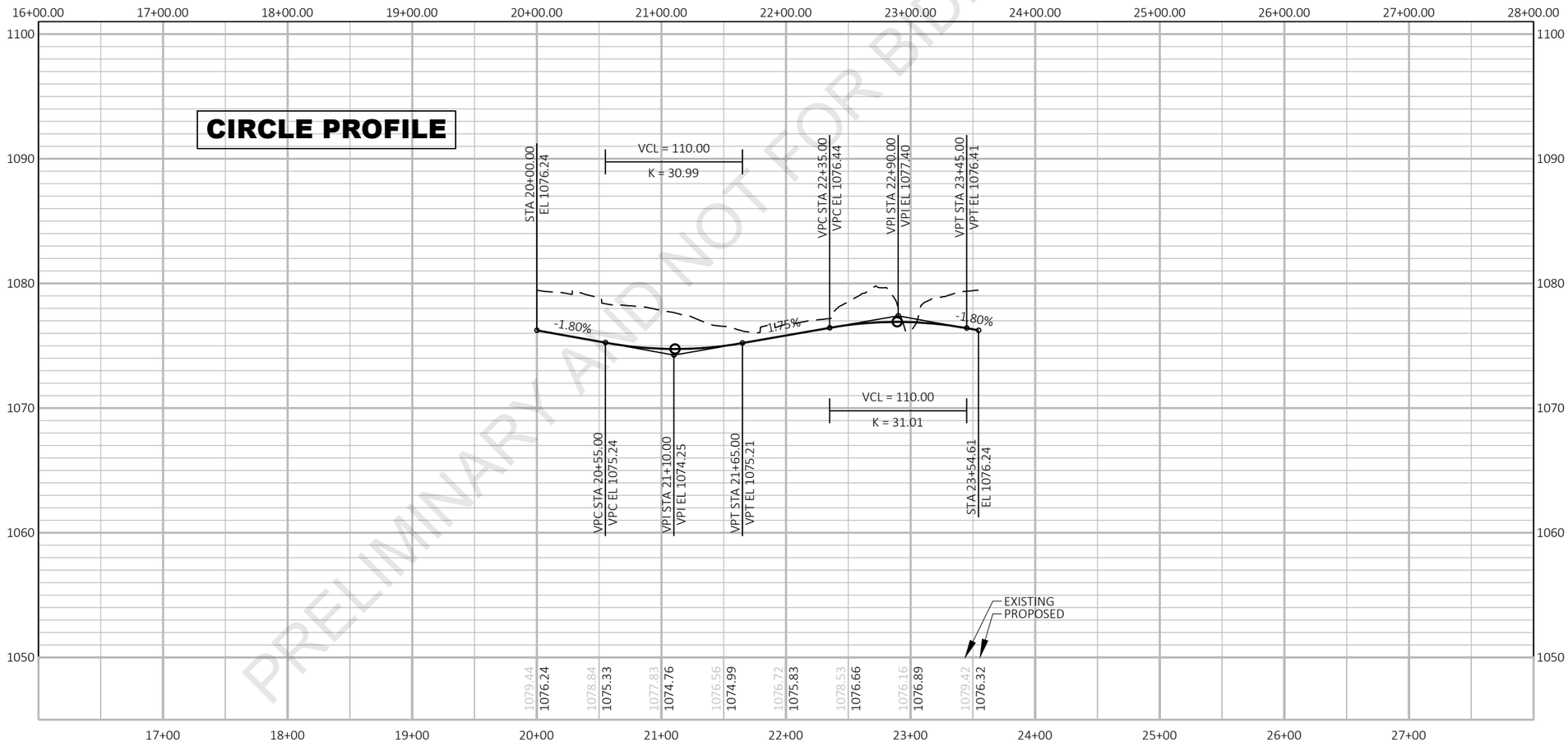
SB PROFILE

PRELIMINARY AND NOT FOR BIDDING PURPOSES

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	SB PLAN & PROFILE	SHEET E

FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - PLAN & PROFILE SB 1
PLOT DATE : 6/8/2021 11:03 AM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:100 FT

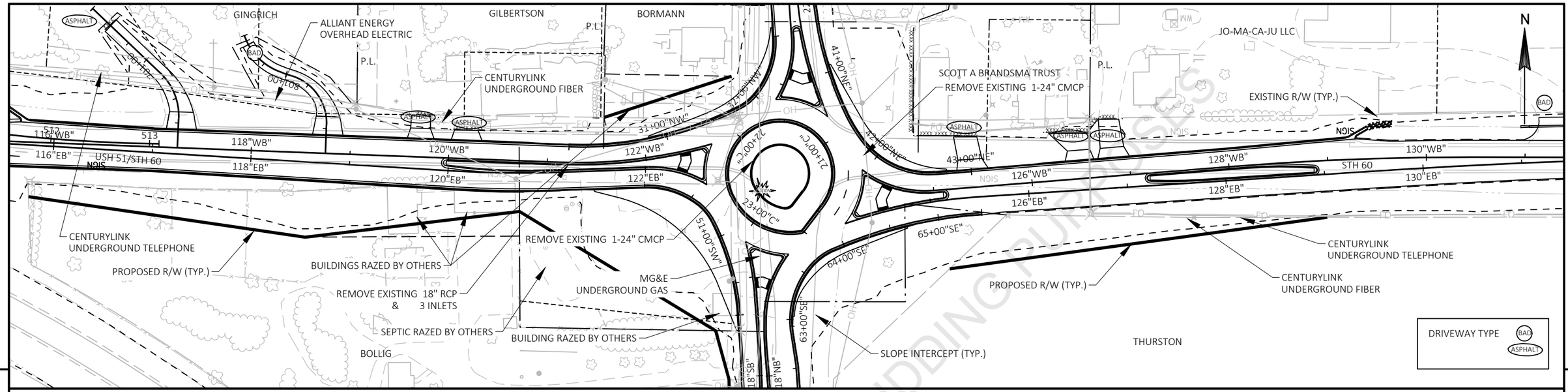


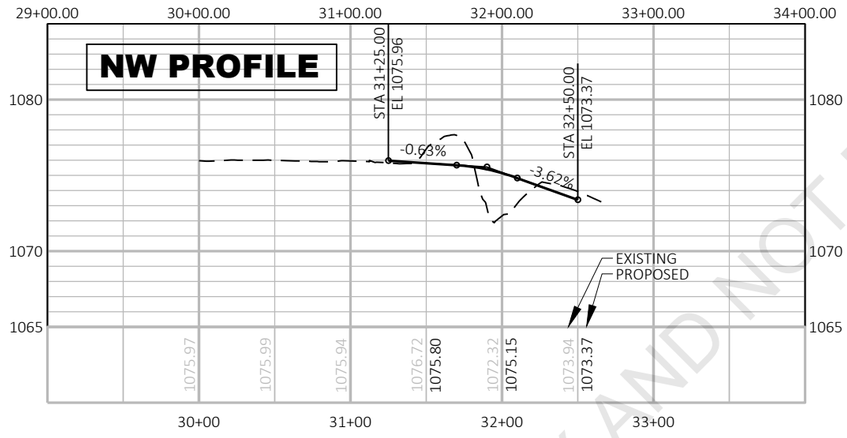


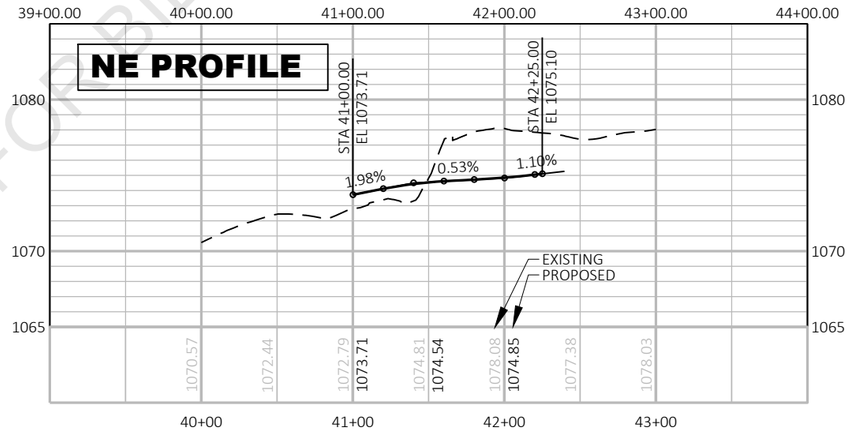
PRELIMINARY AND NOT FOR BIDDING PURPOSES

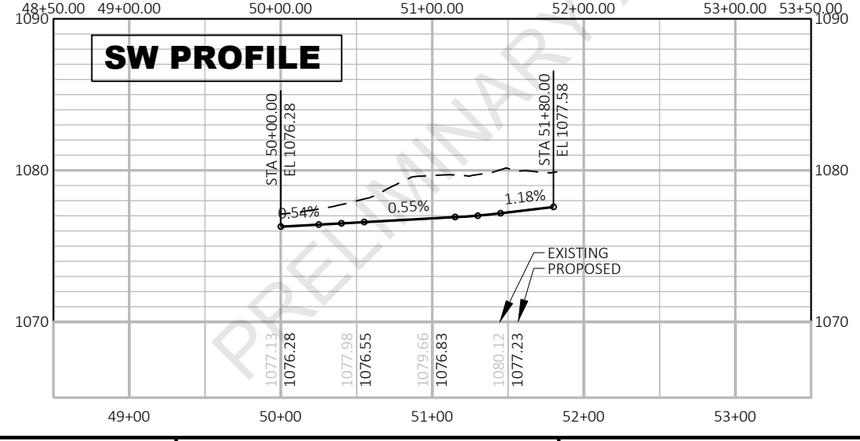
PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CIRCLE PLAN & PROFILE	SHEET E

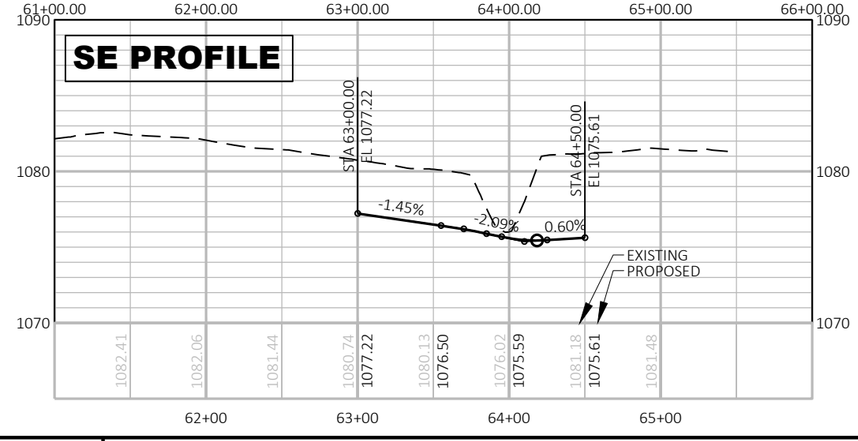
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LAYOUT NAME - PLAN & PROFILE CIRCLE
PLOT DATE : 6/8/2021 11:04 AM
PLOT BY : PAYNE, GREGORY A
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44









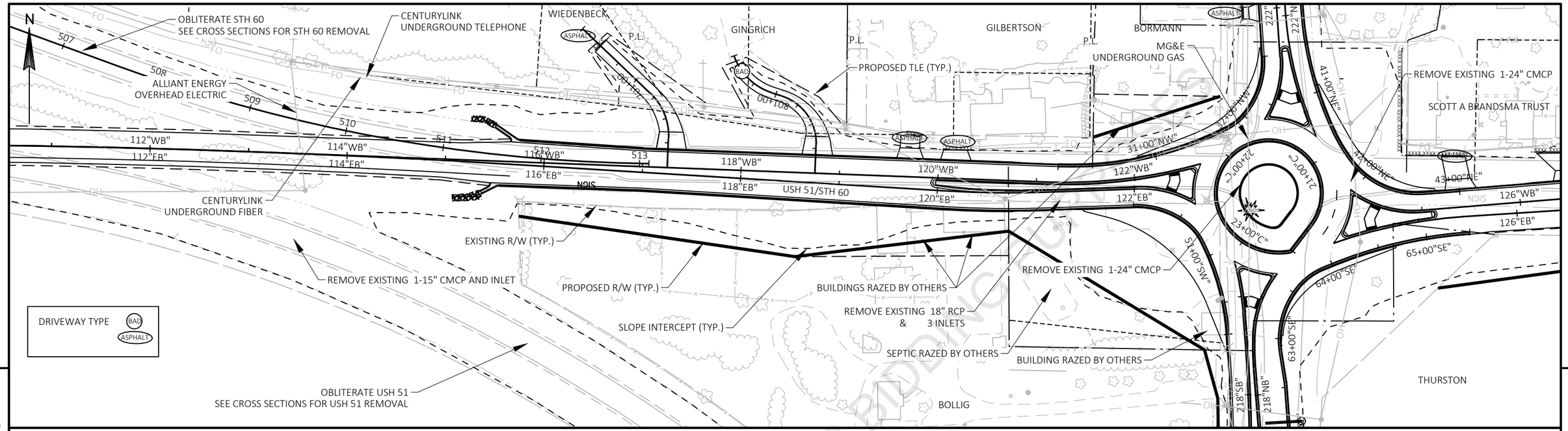


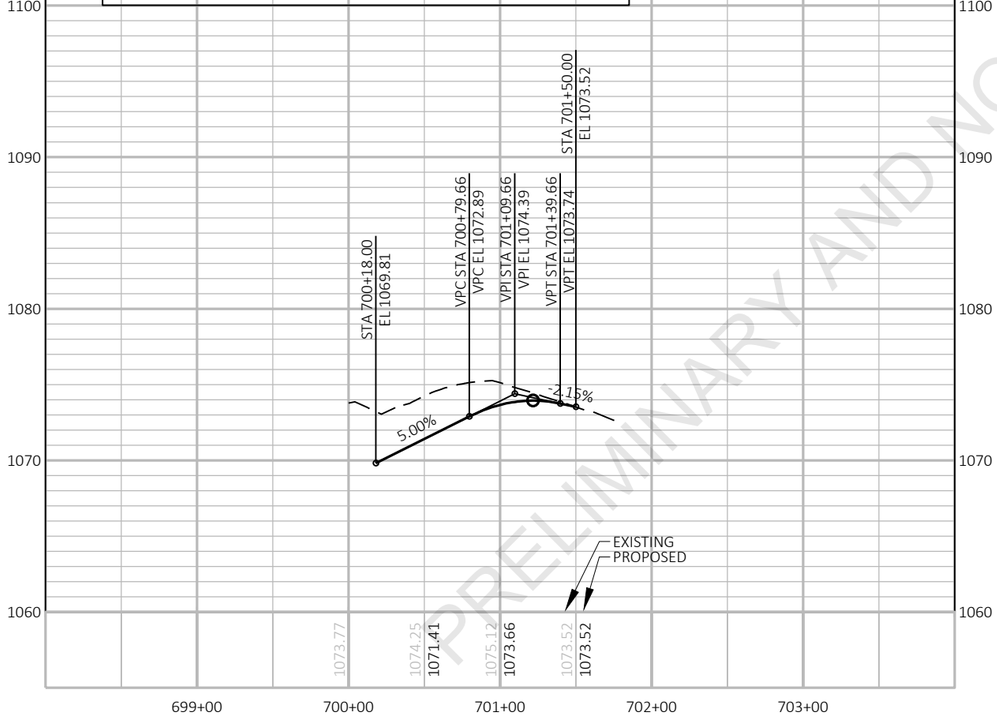
PRELIMINARY AND NOT FOR BIDDING PURPOSES

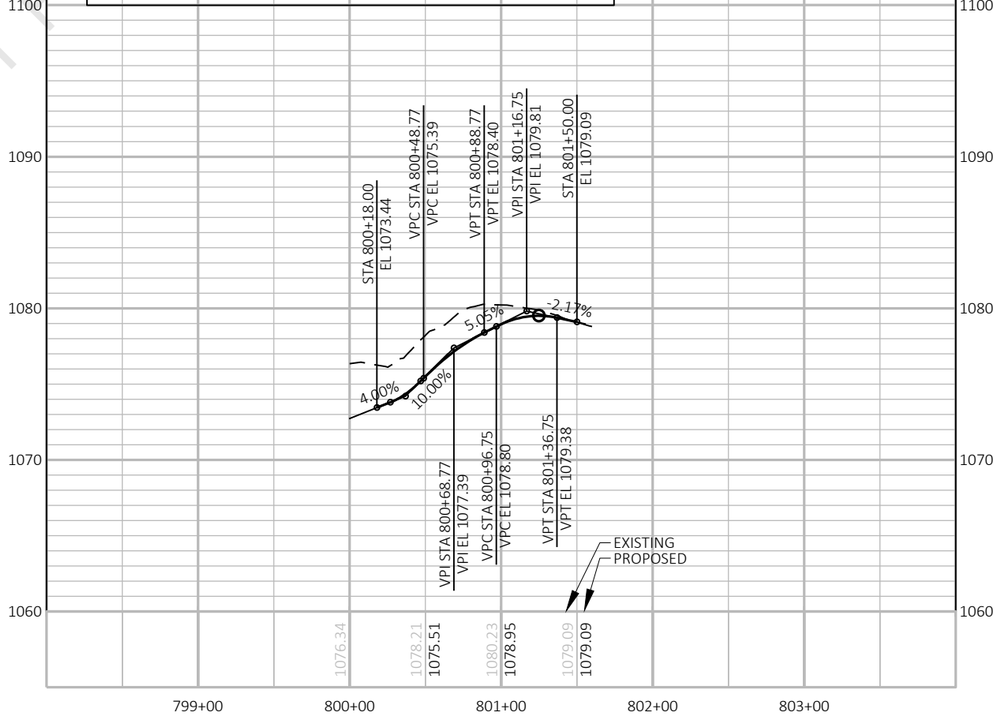
PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CURB PLAN & PROFILE	SHEET	E

FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - PLAN & PROFILE CURB

PLOT DATE : 6/8/2021 11:04 AM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:100 FT





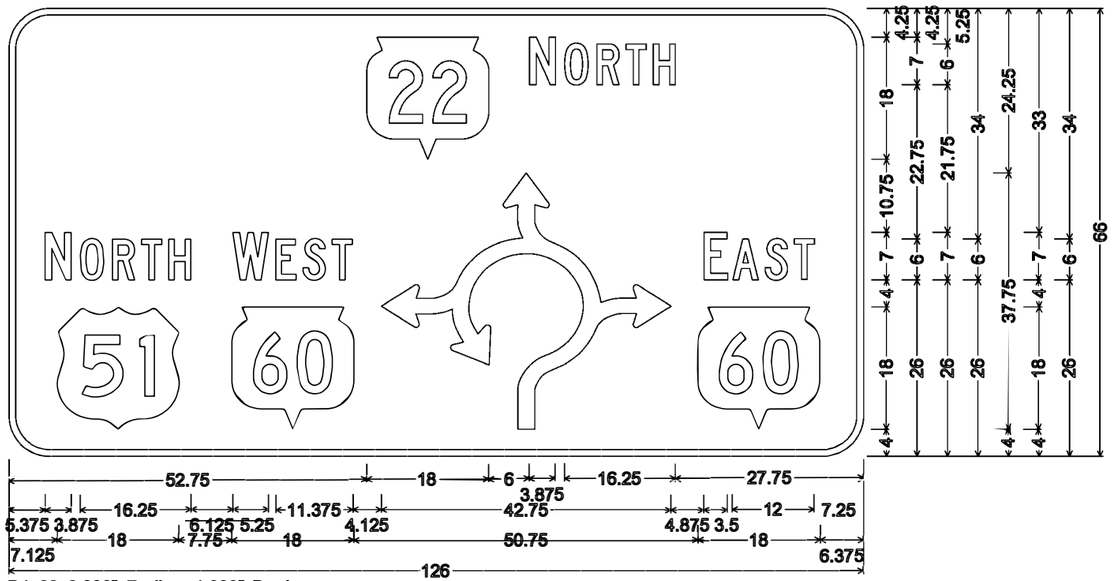


PRELIMINARY AND NOT FOR BIDDING PURPOSES

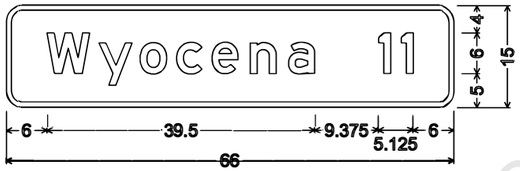
PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	DRIVEWAY PLAN & PROFILE	SHEET E

NOTES

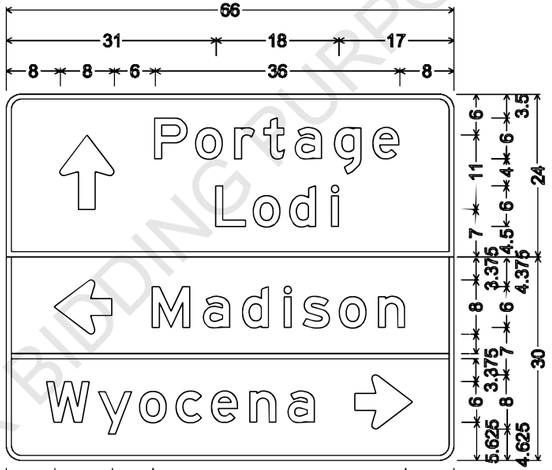
1. All Signs are Type II - Type H Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - E except as noted



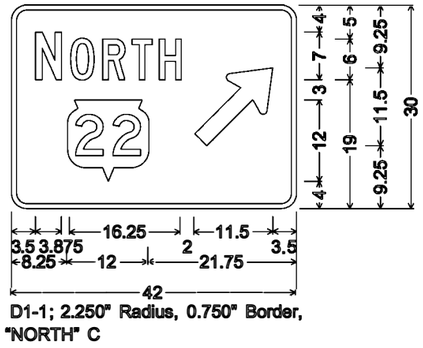
D1-62;6.000" Radius, 1.000" Border,
"NORTH" C; "NORTH" C; "WEST" C; "EAST" C



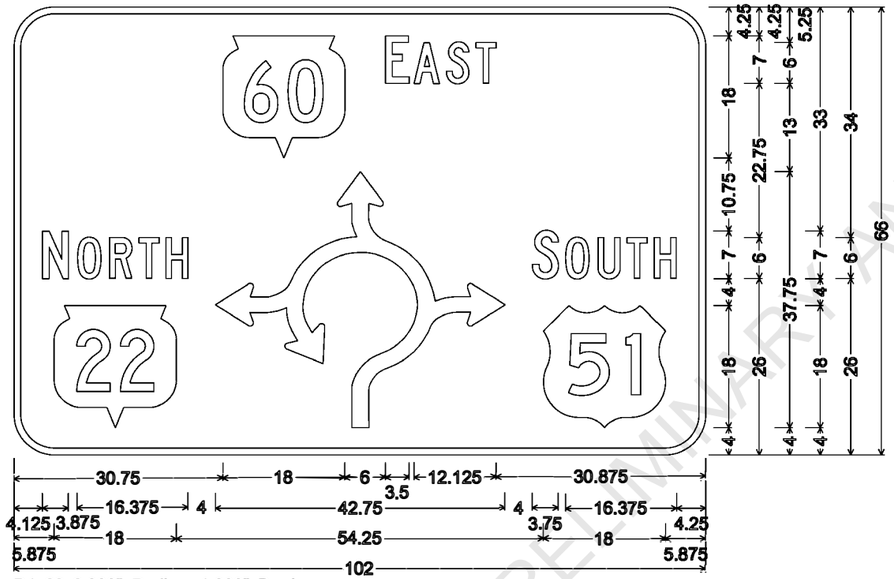
D2-1; 2.250" Radius, 0.750" Border



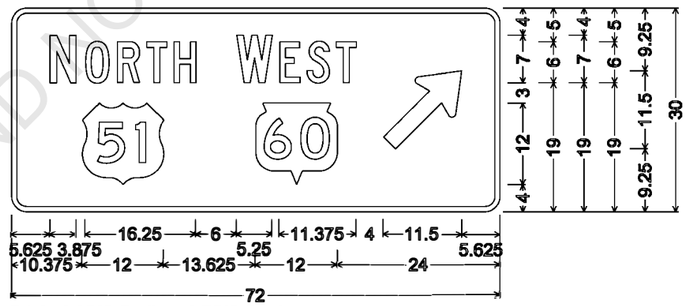
D1-4; 2.250" Radius, 0.750" Border



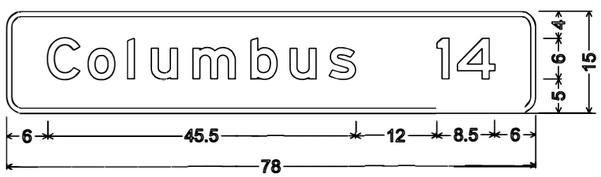
D1-1; 2.250" Radius, 0.750" Border,
"NORTH" C



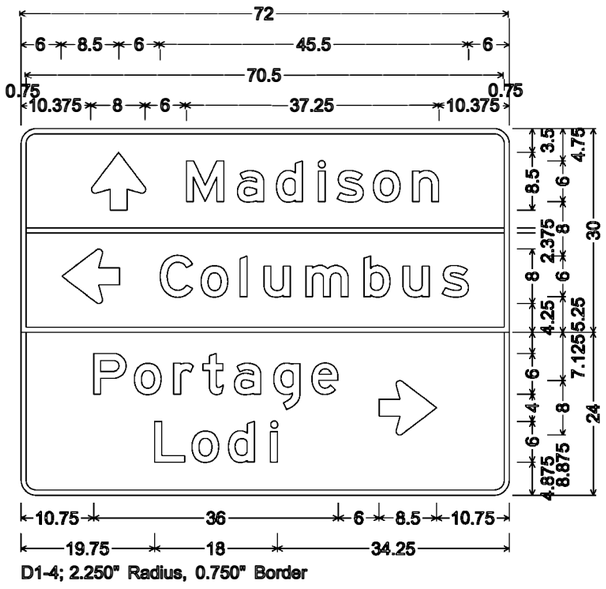
D1-62;6.000" Radius, 1.000" Border,
"EAST" C; "NORTH" C; "SOUTH" C



D1-2; 2.250" Radius, 0.750" Border,
"NORTH" C; "WEST" C



D2-1; 2.250" Radius, 0.750" Border



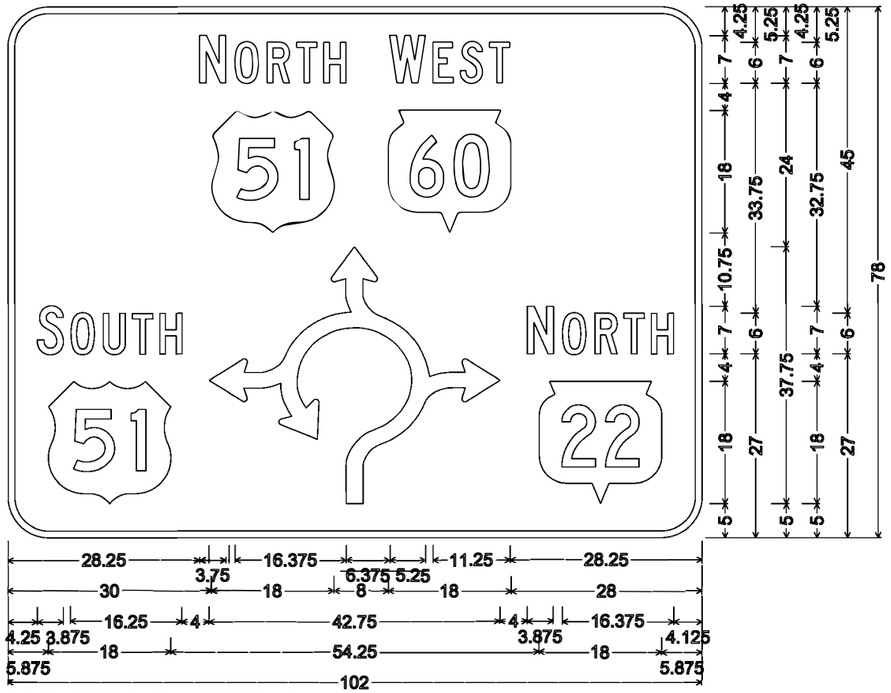
D1-4; 2.250" Radius, 0.750" Border

PRELIMINARY AND NOT FOR BIDDING PURPOSES

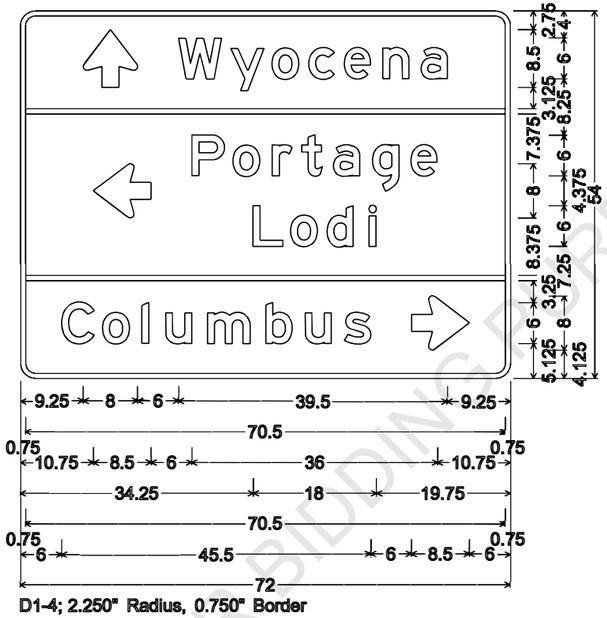
PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	SIGN PLATES	SHEET NO:	E

NOTES

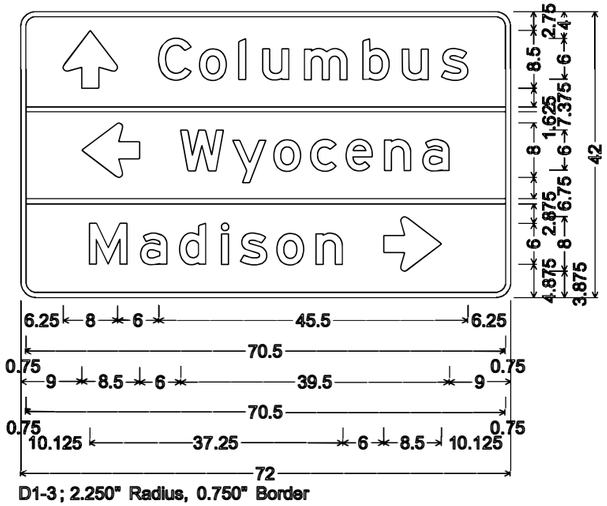
1. All Signs are Type II - Type H Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - E except as noted



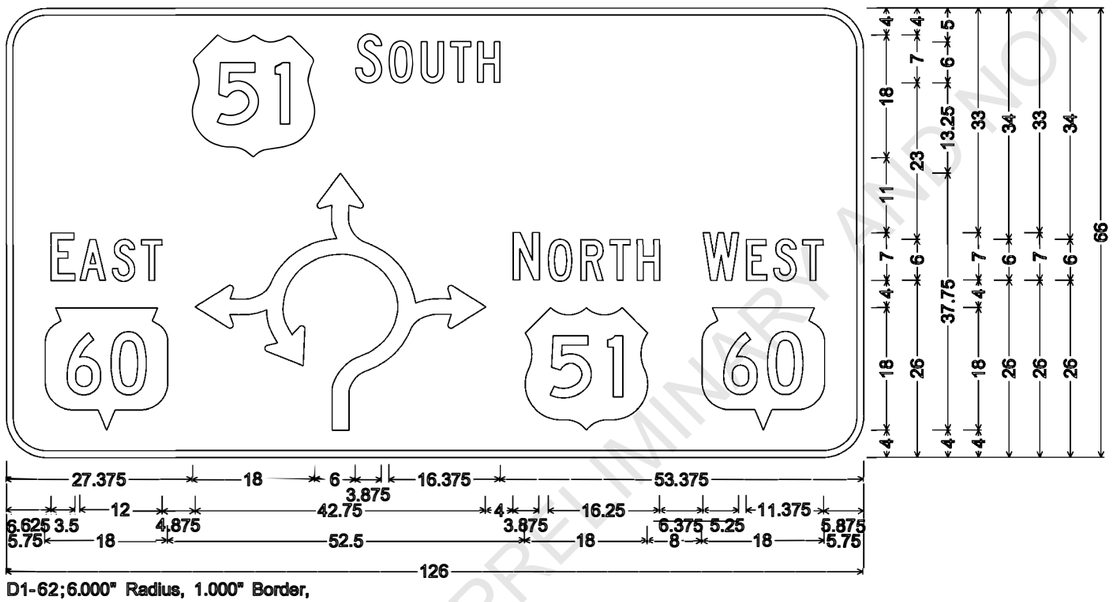
D1-62; 6.000" Radius, 1.000" Border,
"NORTH" C; "WEST" C; "SOUTH" C; "NORTH" C



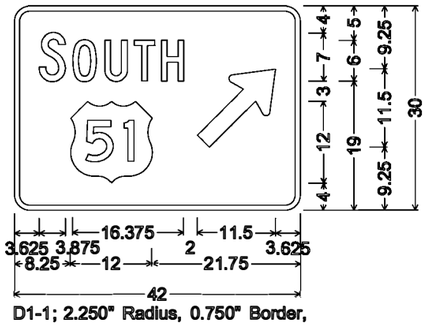
D1-4; 2.250" Radius, 0.750" Border



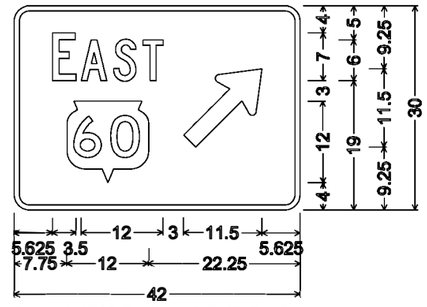
D1-3; 2.250" Radius, 0.750" Border



D1-62; 6.000" Radius, 1.000" Border,
"SOUTH" C; "EAST" C; "NORTH" C; "WEST"



D1-1; 2.250" Radius, 0.750" Border,
"SOUTH" C



D1-1; 2.250" Radius, 0.750" Border,
"EAST" C

PRELIMINARY AND NOT FOR BIDDING PURPOSES

STAGE 1 USH 51/STH 60 EB - WEST LEG

STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
		CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
111+00	0.00	108.50	0.00	0.00	0	0	0	0	0	0
111+50	50.00	102.39	0.00	0.00	195	0	0	195	0	195
112+00	50.00	279.07	0.00	0.00	353	0	0	548	0	548
112+50	50.00	327.97	2.23	0.00	562	2	0	1,110	0	1,108
113+00	50.00	347.99	7.46	0.00	626	9	0	1,736	0	1,725
113+50	50.00	376.45	9.90	0.00	671	16	0	2,407	0	2,380
114+00	50.00	370.45	10.11	0.00	692	19	0	3,099	0	3,053
114+50	50.00	384.14	10.44	0.00	699	19	0	3,798	0	3,733
115+00	50.00	418.09	9.66	0.00	743	19	0	4,541	0	4,457
115+50	50.00	441.32	10.23	0.00	796	18	0	5,337	0	5,235
116+00	50.00	319.64	10.15	0.00	705	19	0	6,042	0	5,921
116+50	50.00	338.88	10.43	0.00	610	19	0	6,652	0	6,512
117+00	50.00	379.66	15.32	0.00	665	24	0	7,317	0	7,153
117+50	50.00	397.22	14.65	0.00	719	28	0	8,036	0	7,844
118+00	50.00	465.64	14.12	0.00	799	27	0	8,835	0	8,616
118+50	50.00	542.22	13.59	0.00	933	26	0	9,768	0	9,523
119+00	50.00	486.63	13.09	0.00	953	25	0	10,721	0	10,451
119+50	50.00	408.38	12.58	0.00	829	24	0	11,550	0	11,256
120+00	50.00	185.60	1.06	0.00	550	13	0	12,100	0	11,793
120+50	50.00	115.48	0.00	0.00	279	1	0	12,379	0	12,071
121+00	50.00	52.78	0.11	1.83	156	0	2	12,535	3	12,225
121+50	50.00	68.26	1.14	0.00	112	1	2	12,647	5	12,333
122+00	50.00	166.00	2.21	0.00	217	3	0	12,864	5	12,547
122+50	50.00	244.66	0.00	0.00	380	2	0	13,244	5	12,925

STAGE 1 STH 60 EB - EAST LEG

STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
		CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
124+50	0.00	282.84	0.00	0.00	0	0	0	0	0	0
125+00	50.00	187.14	0.00	0.00	435	0	0	435	0	435
125+50	50.00	160.40	0.00	0.00	322	0	0	757	0	757
126+00	50.00	297.00	0.00	0.00	424	0	0	1,181	0	1,181
126+50	50.00	247.99	0.00	0.00	505	0	0	1,686	0	1,686
127+00	50.00	185.85	0.00	0.00	402	0	0	2,088	0	2,088
127+50	50.00	114.70	0.00	0.00	278	0	0	2,366	0	2,366
128+00	50.00	92.42	0.00	0.00	192	0	0	2,558	0	2,558
128+50	50.00	69.22	0.00	0.00	150	0	0	2,708	0	2,708
129+00	50.00	183.38	13.61	1.44	234	13	1	2,942	1	2,928
129+50	50.00	179.17	10.97	8.01	336	23	9	3,278	13	3,230
130+00	50.00	153.48	10.98	9.81	308	20	16	3,586	33	3,498
130+50	50.00	155.52	10.98	6.44	286	20	15	3,872	51	3,745
131+00	50.00	137.26	10.98	6.02	271	20	12	4,143	66	3,981
131+50	50.00	152.45	10.99	5.30	268	20	10	4,411	79	4,216
132+00	50.00	121.61	10.99	6.08	254	20	11	4,665	93	4,437
132+50	50.00	108.30	11.00	7.30	213	20	12	4,878	108	4,615
133+00	50.00	97.97	11.07	3.97	191	20	10	5,069	120	4,773
133+50	50.00	85.33	11.29	1.96	170	21	5	5,239	126	4,916
134+00	50.00	85.13	11.51	2.14	158	21	4	5,397	131	5,048
134+50	50.00	89.07	11.73	2.09	161	22	4	5,558	136	5,182

PRELIMINARY AND NOT FOR BIDDING PURPOSES

9

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	EARTHWORK SUMMARY	SHEET NO:	E

FILE NAME : EARTHWORK SUMMARY.PPT PLOT DATE : _____ PLOT BY : WISDOT PLOT NAME : _____ ORG DATE : _____ ORIGINATOR : DIST _ PLOT SCALE : 1:1

STAGE 1 USH 51/STH 60 WB - WEST LEG											
STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)			
		CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE	
120+00	0.00	85.23	10.50	0.00	0	0	0	0	0	0	
120+50	50.00	72.07	11.38	0.00	146	20	0	146	0	126	
121+00	50.00	56.84	10.86	2.18	119	21	2	265	3	222	
121+50	50.00	51.27	10.84	4.38	100	20	6	365	10	294	
122+00	50.00	57.98	11.41	5.21	101	21	9	466	21	363	
122+50	50.00	85.28	9.16	2.53	133	19	7	599	30	468	

STAGE 1 STH 60 WB - EAST LEG											
STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)			
		CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE	
124+50	0.00	192.23	13.20	0.00	0	0	0	0	0	0	
125+00	50.00	128.34	4.52	0.00	297	16	0	297	0	281	
125+50	50.00	92.94	4.72	0.00	205	9	0	502	0	477	
126+00	50.00	98.44	6.50	0.00	177	10	0	679	0	644	
126+50	50.00	86.99	4.51	0.00	172	10	0	851	0	806	
127+00	50.00	87.67	6.30	0.00	162	10	0	1,013	0	958	
127+50	50.00	108.32	10.88	0.00	181	16	0	1,194	0	1,123	
128+00	50.00	107.57	14.37	0.00	200	23	0	1,394	0	1,300	
128+50	50.00	112.87	13.46	0.00	204	26	0	1,598	0	1,478	

STAGE 1 USH 51 NB - SOUTH LEG											
STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)			
		CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE	
210+50	0.00	215.34	6.31	0.00	0	0	0	0	0	0	
211+00	50.00	223.74	6.48	0.04	407	12	0	407	0	395	
211+50	50.00	150.20	6.58	0.10	346	12	0	753	0	729	
212+00	50.00	137.89	6.69	2.54	267	12	2	1,020	3	982	
212+50	50.00	199.32	19.38	0.27	312	24	3	1,332	6	1,266	
213+00	50.00	151.06	15.44	0.28	324	32	1	1,656	8	1,557	
213+50	50.00	143.25	13.34	0.04	273	27	0	1,929	8	1,803	
214+00	50.00	141.25	12.69	6.36	263	24	6	2,192	15	2,034	
214+50	50.00	164.10	12.35	5.02	283	23	11	2,475	29	2,280	
215+00	50.00	180.63	12.00	2.98	319	23	7	2,794	38	2,568	
215+50	50.00	125.23	9.73	0.00	283	20	3	3,077	41	2,827	
216+00	50.00	145.84	10.95	0.77	251	19	1	3,328	43	3,058	
216+50	50.00	165.94	11.89	0.00	289	21	1	3,617	44	3,324	
217+00	50.00	195.57	14.23	0.00	335	24	0	3,952	44	3,635	
217+50	50.00	218.74	15.40	0.00	384	27	0	4,336	44	3,992	
218+00	50.00	228.49	15.68	0.00	414	29	0	4,750	44	4,377	
218+50	50.00	220.27	13.50	0.00	416	27	0	5,166	44	4,766	
219+00	50.00	251.71	19.54	0.00	437	31	0	5,603	44	5,172	

PRELIMINARY AND NOT FOR BIDDING PURPOSES

9

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	EARTHWORK SUMMARY	SHEET NO:	E

FILE NAME : EARTHWORK SUMMARY.PPT PLOT DATE : _____ PLOT BY : WISDOT PLOT NAME : _____ ORG DATE : _____ ORIGINATOR : DIST _ PLOT SCALE : 1:1

STAGE 1 STH 22 NB - NORTH LEG

STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
		CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
221+00	0.00	119.09	2.11	0.00	0	0	0	0	0	0
221+50	50.00	80.83	5.59	10.27	185	7	10	185	13	166
222+00	50.00	81.09	8.05	19.18	150	13	27	335	46	269
222+50	50.00	76.76	8.36	18.04	146	15	34	481	89	357
223+00	50.00	82.25	9.29	2.63	147	16	19	628	113	465
223+50	50.00	80.39	10.25	20.30	151	18	21	779	139	571
224+00	50.00	53.11	7.15	6.86	124	16	25	903	170	648
224+50	50.00	51.00	7.04	13.24	96	13	19	999	194	707
225+00	50.00	46.18	7.16	21.57	90	13	32	1,089	234	744
225+50	50.00	69.06	11.86	123.48	107	18	134	1,196	401	666
226+00	50.00	70.26	11.64	91.80	129	22	199	1,325	650	524
226+50	50.00	80.78	11.42	76.64	140	21	156	1,465	845	448
227+00	50.00	145.12	11.21	49.28	209	21	117	1,674	991	490
227+50	50.00	71.22	10.99	41.11	200	21	84	1,874	1,096	564
228+00	50.00	71.04	10.77	21.92	132	20	58	2,006	1,169	603
228+50	50.00	82.45	10.55	12.14	142	20	32	2,148	1,209	685
229+00	50.00	103.25	0.00	3.92	172	10	15	2,320	1,228	829

STAGE 1 USH 51 SB - SOUTH LEG

STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
		CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
215+50	0.00	76.38	3.34	20.68	0	0	0	0	0	0
216+00	50.00	70.77	2.01	0.01	136	5	19	136	24	107
216+50	50.00	71.03	0.67	12.98	131	2	12	267	39	221
217+00	50.00	72.28	0.00	5.65	133	1	17	400	60	332
217+50	50.00	74.86	0.00	0.61	136	0	6	536	68	461
218+00	50.00	114.10	0.00	0.00	175	0	1	711	69	634
218+50	50.00	120.44	0.00	0.00	217	0	0	928	69	851
219+00	50.00	221.96	0.00	0.00	317	0	0	1,245	69	1,168

STAGE 1 STH 22 SB - NORTH LEG

STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
		CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
221+00	0.00	81.02	10.04	41.35	0	0	0	0	0	0
221+50	50.00	82.51	12.04	52.97	151	20	87	151	109	22
222+00	50.00	51.74	8.09	0.00	124	19	49	275	170	66
222+50	50.00	42.73	7.02	17.62	87	14	16	362	190	119
223+00	50.00	44.05	5.95	30.35	80	12	44	442	245	132
223+50	50.00	34.97	4.73	49.01	73	10	73	515	336	104
224+00	50.00	31.21	5.22	150.77	61	9	185	576	568	-76
224+50	50.00	26.25	3.98	166.21	53	9	294	629	935	-399
225+00	50.00	31.72	5.30	124.25	54	9	269	683	1,271	-690

PRELIMINARY AND NOT FOR BIDDING PURPOSES

9

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	EARTHWORK SUMMARY	SHEET NO:	E

FILE NAME : EARTHWORK SUMMARY.PPT PLOT DATE : _____ PLOT BY : WISDOT PLOT NAME : _____ ORG DATE : _____ ORIGINATOR : DIST _ PLOT SCALE : 1:1

STAGE 1 ROUNDABOUT CIRCLE

STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
		CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
20+00	0.00	98.18	7.23	0.00	0	0	0	0	0	0
20+50	50.00	301.85	21.09	0.00	370	26	0	370	0	344
21+00	50.00	270.35	26.93	0.00	530	44	0	900	0	830
21+50	50.00	237.06	31.33	0.00	470	54	0	1,370	0	1,246
22+00	50.00	116.96	20.98	0.00	328	48	0	1,698	0	1,526
22+50	50.00	176.29	7.94	1.07	272	27	1	1,970	1	1,770
23+00	50.00	130.06	8.06	0.23	284	15	1	2,254	3	2,038

STAGE 1 DRIVEWAY AT STA. 127+25 LT

STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
		CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
700+50	0.00	121.05	11.00	1.07	0	0	0	0	0	0
701+00	50.00	37.40	6.94	0.00	147	17	1	147	1	129
701+50	50.00	0.35	0.00	0.66	35	6	1	182	3	157

STAGE 1 DRIVEWAY AT STA. 128+75 LT

STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
		CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
800+50	0.00	129.33	0.00	0.00	0	0	0	0	0	0
801+00	50.00	78.23	0.00	0.00	192	0	0	192	0	192
801+50	50.00	1.51	0.00	0.30	74	0	0	266	0	266

STAGE 1 STH 60 OBLITERATION

STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
		CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
502+00	0.00	20.34	9.00	1.46	0	0	0	0	0	0
502+50	50.00	23.33	9.90	1.59	40	18	3	40	4	18
503+00	50.00	21.99	9.99	1.77	42	18	3	82	8	39
503+50	50.00	20.80	10.04	3.78	40	19	5	122	14	53
504+00	50.00	21.29	9.48	0.00	39	18	3	161	18	71
504+50	50.00	21.94	9.72	0.00	40	18	0	201	18	93
505+00	50.00	21.63	9.83	0.00	40	18	0	241	18	115
505+50	50.00	24.23	9.94	0.00	42	18	0	283	18	139
506+00	50.00	23.79	10.43	0.00	44	19	0	327	18	164
506+50	50.00	22.39	10.46	0.00	43	19	0	370	18	188
507+00	50.00	23.64	10.18	0.00	43	19	0	413	18	212
507+50	50.00	22.41	9.86	0.00	43	19	0	456	18	236

PRELIMINARY AND NOT FOR BIDDING PURPOSES

9

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	EARTHWORK SUMMARY	SHEET NO:	E

FILE NAME : EARTHWORK SUMMARY.PPT PLOT DATE : _____ PLOT BY : WISDOT PLOT NAME : _____ ORG DATE : _____ ORIGINATOR : DIST _ PLOT SCALE : 1:1

STAGE 1 USH 51 TEMPORARY WIDENING											
STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)			
		CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	EXPANDED FILL	MASS ORDINATE	
								1.00	1.25		
640+00	0.00	5.15	0.00	0.00	0	0	0	0	0	0	
640+50	50.00	11.49	0.00	0.00	15	0	0	15	0	15	
641+00	50.00	8.78	0.00	0.00	19	0	0	34	0	34	
641+50	50.00	12.02	0.00	0.00	19	0	0	53	0	53	
642+00	50.00	42.71	0.00	0.00	51	0	0	104	0	104	
642+50	50.00	50.94	0.00	0.00	87	0	0	191	0	191	
643+00	50.00	41.33	0.00	0.00	85	0	0	276	0	276	
643+50	50.00	23.11	0.00	0.27	60	0	0	336	0	336	
644+00	50.00	20.60	0.00	0.32	40	0	1	376	1	375	
644+50	50.00	28.95	0.00	0.05	46	0	0	422	1	421	
645+00	50.00	15.87	0.00	0.84	42	0	1	464	3	462	
645+50	50.00	13.20	0.00	3.06	27	0	4	491	8	484	
646+00	50.00	11.21	0.00	5.02	23	0	7	514	16	498	
646+50	50.00	9.25	0.00	5.48	19	0	10	533	29	504	
647+00	50.00	10.02	0.00	6.14	18	0	11	551	43	509	
647+50	50.00	9.08	0.00	5.98	18	0	11	569	56	513	
648+00	50.00	7.78	0.00	4.81	16	0	10	585	69	516	
648+50	50.00	6.07	0.00	3.35	13	0	8	598	79	519	
649+00	50.00	4.71	0.00	0.43	10	0	4	608	84	524	
649+50	50.00	4.24	0.00	0.00	8	0	0	616	84	532	
650+00	50.00	3.80	0.00	0.00	7	0	0	623	84	539	

PRELIMINARY AND NOT FOR BIDDING PURPOSES

STAGE 1 USH 51 TEMPORARY WIDENING

STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
		CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
610+00	0.00	4.74	0.00	0.00	0	0	0	0	0	0
610+50	50.00	7.14	0.00	0.00	11	0	0	11	0	11
611+00	50.00	8.78	0.00	0.00	15	0	0	26	0	26
611+50	50.00	10.33	0.00	0.11	18	0	0	44	0	44
612+00	50.00	13.16	0.00	0.00	22	0	0	66	0	66
612+50	50.00	14.23	0.00	0.65	25	0	1	91	1	90
613+00	50.00	17.04	0.00	0.91	29	0	1	120	3	118
613+50	50.00	16.30	0.00	2.46	31	0	3	151	6	145
614+00	50.00	16.25	0.00	3.81	30	0	6	181	14	167
614+50	50.00	15.65	0.00	5.39	30	0	9	211	25	186
615+00	50.00	16.75	0.00	6.75	30	0	11	241	39	202
615+50	50.00	12.28	0.00	8.90	27	0	14	268	56	212
616+00	50.00	13.52	0.00	3.99	24	0	12	292	71	221
616+50	50.00	10.88	0.00	2.54	23	0	6	315	79	236
617+00	50.00	9.65	0.00	3.43	19	0	6	334	86	248
617+50	50.00	11.38	0.00	0.55	19	0	4	353	91	262
618+00	50.00	11.12	0.00	0.23	21	0	1	374	93	282
618+50	50.00	13.12	0.00	0.00	22	0	0	396	93	304
619+00	50.00	13.46	0.00	0.96	25	0	1	421	94	327
619+50	50.00	12.70	0.00	3.60	24	0	4	445	99	346
620+00	50.00	11.68	0.00	7.81	23	0	11	468	113	356
620+50	50.00	14.50	0.00	7.69	24	0	14	492	130	362
621+00	50.00	22.45	0.00	0.49	34	0	8	526	140	386
621+50	50.00	27.65	0.00	0.00	46	0	0	572	140	432
622+00	50.00	16.01	0.00	1.04	40	0	1	612	141	471
622+50	50.00	12.99	0.00	0.68	27	0	2	639	144	495
623+00	50.00	10.64	0.00	2.65	22	0	3	661	148	514
623+50	50.00	11.26	0.00	0.00	20	0	2	681	150	531
624+00	50.00	12.92	0.00	0.39	22	0	0	703	150	553
624+50	50.00	13.52	0.00	0.07	24	0	0	727	150	577
625+00	50.00	13.15	0.00	0.05	25	0	0	752	150	602
625+50	50.00	8.76	0.00	0.62	20	0	1	772	151	621

PRELIMINARY AND NOT FOR BIDDING PURPOSES

STAGE 2 USH 51/STH 60 EB - WEST LEG										
STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
		CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
102+00	0.00	57.86	15.04	0.00	0	0		0	0	0
102+50	50.00	51.60	15.05	0.00	101	28	0	101	0	73
103+00	50.00	49.61	15.20	0.00	94	28	0	195	0	139
103+50	50.00	49.18	15.38	0.00	91	28	0	286	0	202
104+00	50.00	50.43	15.56	0.00	92	29	0	378	0	265
104+50	50.00	52.92	18.06	0.00	96	31	0	474	0	330
105+00	50.00	82.77	21.74	0.00	126	37	0	600	0	419
105+50	50.00	467.62	41.98	0.00	510	59	0	1,110	0	870
106+00	50.00	351.98	37.94	0.00	759	74	0	1,869	0	1,555
106+50	50.00	63.36	18.34	0.01	385	52	0	2,254	0	1,888
107+00	50.00	69.62	15.33	0.02	123	31	0	2,377	0	1,980
107+50	50.00	65.81	15.18	0.00	125	28	0	2,502	0	2,077
108+00	50.00	67.24	15.02	0.00	123	28	0	2,625	0	2,172
108+50	50.00	67.86	14.47	0.50	125	27	0	2,750	0	2,270
109+00	50.00	64.31	13.65	2.00	122	26	2	2,872	3	2,364
109+50	50.00	63.44	11.84	1.76	118	24	3	2,990	6	2,454
110+00	50.00	56.40	0.00	6.43	111	11	8	3,101	16	2,544
110+50	50.00	52.86	0.00	2.05	101	0	8	3,202	26	2,635
111+00	50.00	84.12	0.00	0.00	127	0	2	3,329	29	2,759

STAGE 2 USH 51 NB - SOUTH LEG										
STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
		CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
205+00	0.00	69.21	15.14	0.00	0	0	0	0	0	0
205+50	50.00	72.02	15.05	0.00	131	28	0	131	0	103
206+00	50.00	74.58	14.96	0.00	136	28	0	267	0	211
206+50	50.00	96.20	14.86	0.00	158	28	0	425	0	341
207+00	50.00	136.67	14.80	0.00	216	27	0	641	0	530
207+50	50.00	119.70	14.86	0.00	237	27	0	878	0	740
208+00	50.00	77.80	14.92	0.00	183	28	0	1,061	0	895
208+50	50.00	97.70	14.79	0.01	162	28	0	1,223	0	1,029
209+00	50.00	106.53	4.66	0.00	189	18	0	1,412	0	1,200
209+50	50.00	102.81	4.67	0.00	194	9	0	1,606	0	1,385
210+00	50.00	96.00	4.71	0.00	184	9	0	1,790	0	1,560
210+50	50.00	225.57	7.22	0.00	298	11	0	2,088	0	1,847

PRELIMINARY AND NOT FOR BIDDING PURPOSES

9

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	EARTHWORK SUMMARY	SHEET NO:	E

FILE NAME : EARTHWORK SUMMARY.PPT PLOT DATE : _____ PLOT BY : WISDOT PLOT NAME : _____ ORG DATE : _____ ORIGINATOR : DIST _ PLOT SCALE : 1:1

STAGE 3 USH 51/STH 60 EB - WEST LEG										
STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
		CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
102+00	0.00	26.61	15.04	0.00	0	0	0	0	0	0
102+50	50.00	25.79	15.04	0.00	49	28	0	49	0	21
103+00	50.00	24.83	15.04	0.00	47	28	0	96	0	40
103+50	50.00	25.97	15.04	0.00	47	28	0	143	0	59
104+00	50.00	26.62	15.04	0.00	49	28	0	192	0	80
104+50	50.00	26.50	15.04	0.00	49	28	0	241	0	101
105+00	50.00	25.73	15.04	0.00	48	28	0	289	0	121
105+50	50.00	27.10	15.04	0.00	49	28	0	338	0	142
106+00	50.00	27.25	15.04	0.00	50	28	0	388	0	164
106+50	50.00	28.68	15.04	0.00	52	28	0	440	0	188
107+00	50.00	29.22	15.04	0.00	54	28	0	494	0	214
107+50	50.00	27.32	15.04	0.00	52	28	0	546	0	238
108+00	50.00	24.29	15.04	0.00	48	28	0	594	0	258
108+50	50.00	21.71	15.04	0.00	43	28	0	637	0	273
109+00	50.00	20.27	15.04	0.00	39	28	0	676	0	284
109+50	50.00	24.74	15.04	0.00	42	28	0	718	0	298
110+00	50.00	29.32	14.50	0.00	50	27	0	768	0	321
110+50	50.00	31.93	2.21	0.00	57	15	0	825	0	363
111+00	50.00	33.38	0.00	0.00	60	2	0	885	0	421

STAGE 3 USH 51 NB - SOUTH LEG										
STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
		CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
205+00	0.00	32.90	14.88	0.00	0	0	0	0	0	0
205+50	50.00	32.91	14.82	0.00	61	28	0	61	0	33
206+00	50.00	33.38	14.76	0.00	61	27	0	122	0	67
206+50	50.00	33.43	14.83	0.00	62	27	0	184	0	102
207+00	50.00	34.28	15.01	0.00	63	28	0	247	0	137
207+50	50.00	34.20	15.07	0.00	63	28	0	310	0	172
208+00	50.00	36.82	15.04	0.00	66	28	0	376	0	210
208+50	50.00	38.37	15.04	0.00	70	28	0	446	0	252
209+00	50.00	41.11	15.04	0.00	74	28	0	520	0	298
209+50	50.00	47.86	2.18	0.00	82	16	0	602	0	364
210+00	50.00	50.89	1.42	0.00	91	3	0	693	0	452

PRELIMINARY AND NOT FOR BIDDING PURPOSES

STAGE 4 USH 51/STH 60 EB - WEST LEG										
STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
		CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
102+00	0.00	38.32	13.00	0.00	0	0	0	0	0	0
102+50	50.00	34.34	13.00	0.00	67	24	0	67	0	43
103+00	50.00	40.10	13.00	0.00	69	24	0	136	0	88
103+50	50.00	40.15	13.00	0.00	74	24	0	210	0	138
104+00	50.00	42.16	13.00	0.42	76	24	0	286	0	190
104+50	50.00	43.63	13.00	0.03	79	24	0	365	0	245
105+00	50.00	39.20	13.00	0.00	77	24	0	442	0	298
105+50	50.00	38.81	13.00	0.03	72	24	0	514	0	346
106+00	50.00	38.90	13.00	0.00	72	24	0	586	0	394
106+50	50.00	41.81	13.00	0.01	75	24	0	661	0	445
107+00	50.00	39.87	13.00	0.04	76	24	0	737	0	497
107+50	50.00	37.44	13.00	0.00	72	24	0	809	0	545
108+00	50.00	26.00	13.00	0.00	59	24	0	868	0	580
108+50	50.00	10.29	13.00	1.18	34	24	1	902	1	589
109+00	50.00	38.87	13.00	0.16	46	24	1	948	3	610
109+50	50.00	18.83	13.00	0.00	53	24	0	1,001	3	639
110+00	50.00	28.69	13.00	0.00	44	24	0	1,045	3	659
110+50	50.00	53.00	13.00	0.00	76	24	0	1,121	3	711
111+00	50.00	95.29	13.00	0.00	137	24	0	1,258	3	824

STAGE 4 USH 51 NB - SOUTH LEG										
STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
		CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
205+00	0.00	74.81	11.00	0.00	0	0	0	0	0	0
205+50	50.00	57.78	11.00	0.09	123	20	0	123	0	103
206+00	50.00	70.34	11.00	0.00	119	20	0	242	0	202
206+50	50.00	65.54	11.00	0.00	126	20	0	368	0	308
207+00	50.00	60.02	11.00	0.00	116	20	0	484	0	404
207+50	50.00	55.67	11.00	0.00	107	20	0	591	0	491
208+00	50.00	55.60	11.00	0.00	103	20	0	694	0	574
208+50	50.00	53.29	11.00	0.00	101	20	0	795	0	655
209+00	50.00	55.81	11.00	0.26	101	20	0	896	0	736
209+50	50.00	74.75	11.00	0.59	121	20	1	1,017	1	836
210+00	50.00	93.12	11.00	0.00	155	20	1	1,172	3	970

PRELIMINARY AND NOT FOR BIDDING PURPOSES

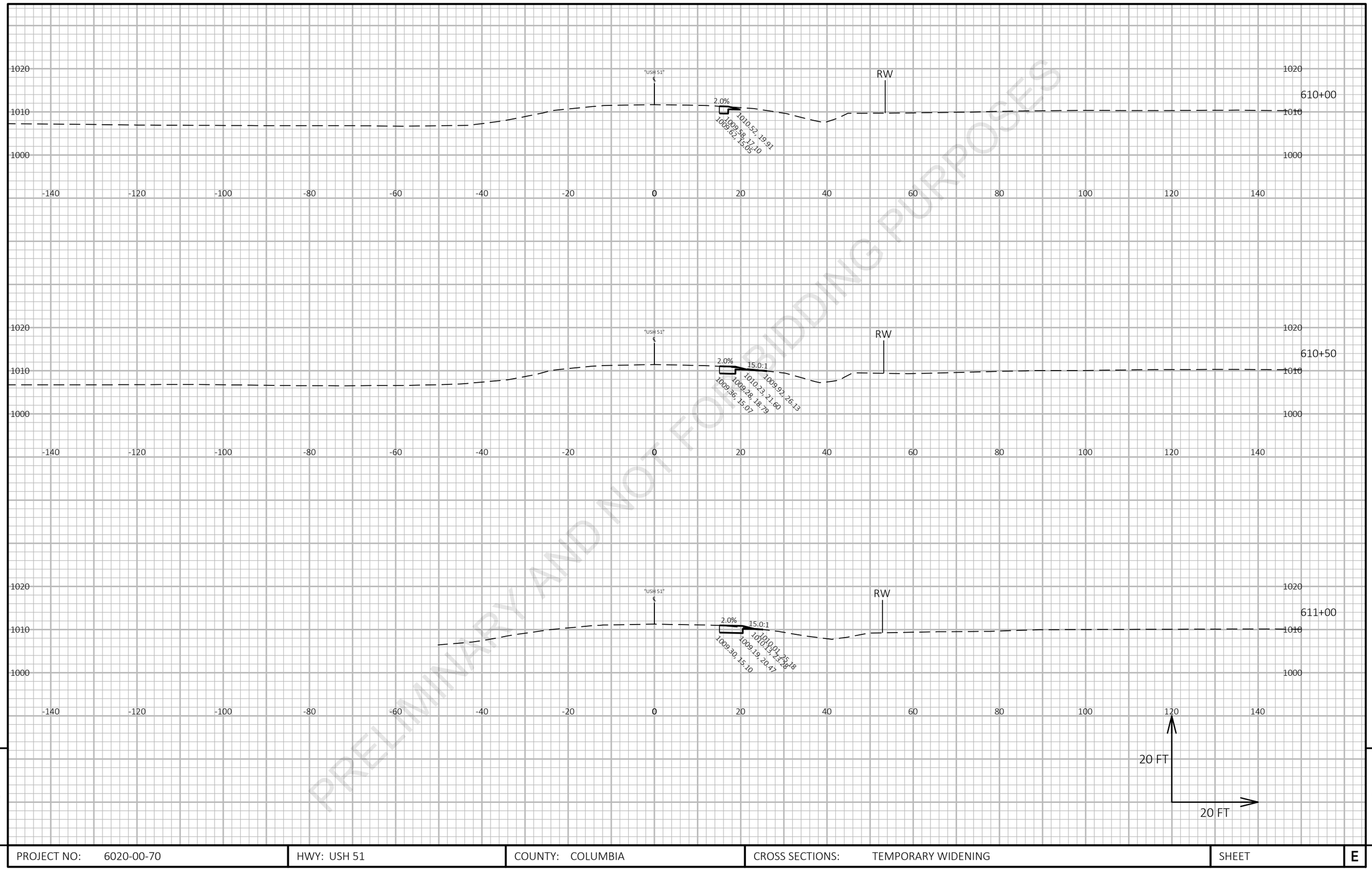
STAGE 4 USH 51 TEMPORARY WIDENING REMOVAL										
STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
		CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	EXPANDED FILL	MASS ORDINATE
								1.00	1.25	
645+50	0.00	13.18	4.00	0.00	0	0	0	0	0	0
646+00	50.00	14.72	4.00	0.00	26	7	0	26	0	19
646+50	50.00	14.71	3.00	0.00	27	6	0	53	0	40
647+00	50.00	12.13	2.00	0.00	25	5	0	78	0	60
647+50	50.00	10.45	2.00	0.01	21	4	0	99	0	77
648+00	50.00	8.12	1.00	0.00	17	3	0	116	0	91
648+50	50.00	5.89	1.00	0.00	13	2	0	129	0	102
649+00	50.00	1.87	0.00	0.00	7	1	0	136	0	108
649+50	50.00	0.18	0.00	0.78	2	0	1	138	1	109
650+00	50.00	0.05	0.00	1.27	0	0	2	138	4	106

STAGE 4 USH 51 TEMPORARY WIDENING REMOVAL										
STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
		CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	EXPANDED FILL	MASS ORDINATE
								1.00	1.25	
610+00	0.00	0.10	0.00	1.20	0	0	0	0	0	0
610+50	50.00	0.63	0.00	0.67	1	0	2	1	3	-2
611+00	50.00	1.21	2.00	0.15	2	2	1	3	4	-3
611+50	50.00	2.42	2.00	0.00	3	4	0	6	4	-4
612+00	50.00	2.35	2.00	0.00	4	4	0	10	4	-4
612+50	50.00	4.60	3.00	0.00	6	5	0	16	4	-3
613+00	50.00	4.93	3.00	0.01	9	6	0	25	4	0
613+50	50.00	10.11	3.00	0.07	14	6	0	39	4	8
614+00	50.00	14.40	4.00	0.00	23	6	0	62	4	25
614+50	50.00	17.50	4.00	0.00	30	7	0	92	4	48

PRELIMINARY AMENDMENT FOR BIDDING PURPOSES

STAGE 4 USH 51 OBLITERATION											
STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)			
		CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	EXPANDED FILL	MASS ORDINATE	
								1.00	1.25		
626+00	0.00	79.48	29.64	5.74	0	0	0	0	0	0	
626+50	50.00	64.03	29.38	43.11	133	55	45	133	56	22	
627+00	50.00	75.80	29.74	39.00	129	55	76	262	151	1	
627+50	50.00	118.94	30.15	19.58	180	55	54	442	219	58	
628+00	50.00	107.60	29.97	30.31	210	56	46	652	276	155	
628+50	50.00	98.65	30.00	27.37	191	56	53	843	343	224	
629+00	50.00	109.81	29.63	20.14	193	55	44	1,036	398	307	
629+50	50.00	129.66	30.00	15.61	222	55	33	1,258	439	432	
630+00	50.00	152.31	39.81	8.65	261	65	22	1,519	466	601	
630+50	50.00	156.66	39.79	10.16	286	74	17	1,805	488	792	
631+00	50.00	159.01	38.76	6.99	292	73	16	2,097	508	991	
631+50	50.00	185.95	39.53	6.16	319	72	12	2,416	523	1,223	
632+00	50.00	247.50	40.13	0.00	401	74	6	2,817	530	1,542	
632+50	50.00	203.58	39.85	0.00	418	74	0	3,235	530	1,886	
633+00	50.00	208.71	40.06	0.00	382	74	0	3,617	530	2,194	
633+50	50.00	225.60	39.93	0.00	402	74	0	4,019	530	2,522	
634+00	50.00	152.53	39.84	0.09	350	74	0	4,369	530	2,798	
634+50	50.00	145.53	40.23	0.78	276	74	1	4,645	531	2,999	
635+00	50.00	151.10	39.88	0.02	275	74	1	4,920	533	3,199	
635+50	50.00	164.89	40.08	0.07	293	74	0	5,213	533	3,418	
636+00	50.00	173.73	39.21	0.00	314	73	0	5,527	533	3,659	
636+50	50.00	165.20	39.04	5.17	314	72	5	5,841	539	3,894	
637+00	50.00	170.78	39.89	2.89	311	73	7	6,152	548	4,124	
637+50	50.00	161.23	42.15	5.29	307	76	8	6,459	558	4,345	
638+00	50.00	132.63	45.35	0.09	272	81	5	6,731	564	4,529	

PRELIMINARY AND NOT FOR BIDDING PURPOSES



PRELIMINARY AND NOT FOR BIDDING PURPOSES

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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: TEMPORARY WIDENING	SHEET	E

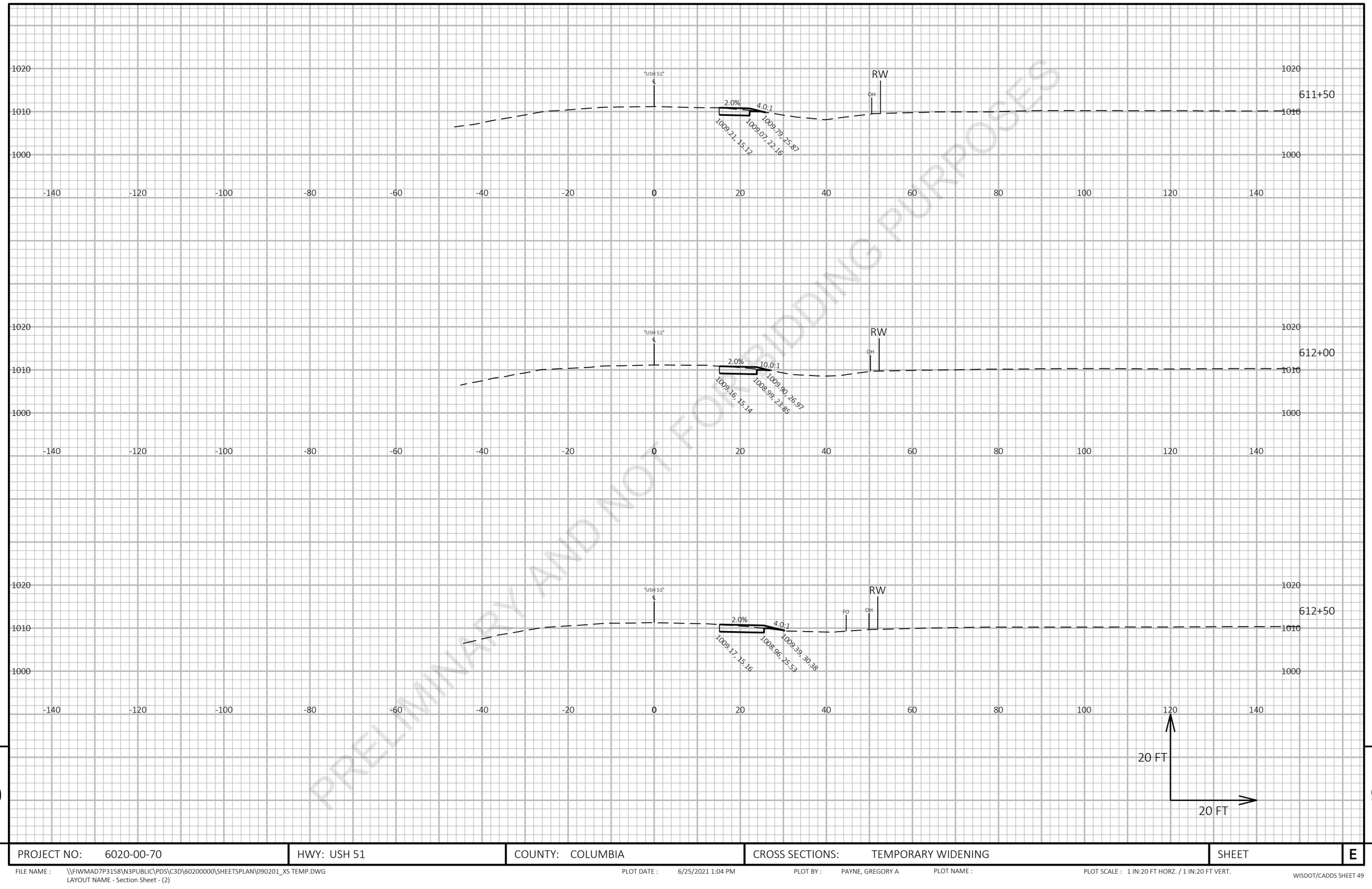
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PLOT DATE : 6/25/2021 1:03 PM

PLOT BY : PAYNE, GREGORY A

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



PRELIMINARY AND NOT FOR BIDDING PURPOSES

9

9

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: TEMPORARY WIDENING	SHEET	E

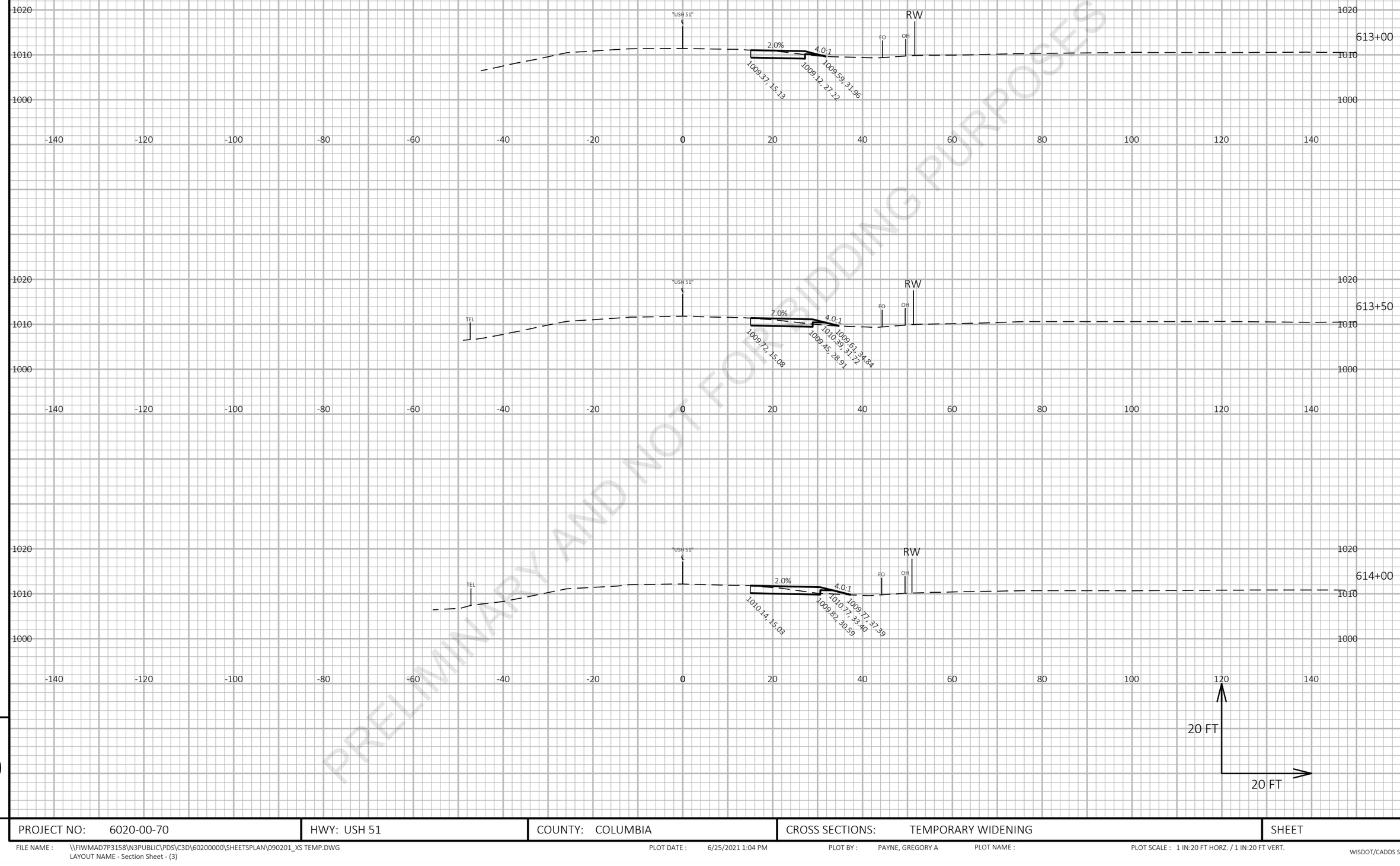
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LAYOUT NAME - Section Sheet - (2)

PLOT DATE : 6/25/2021 1:04 PM

PLOT BY : PAYNE, GREGORY A

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



PRELIMINARY AND NOT FOR BIDDING PURPOSES

9

9

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: TEMPORARY WIDENING	SHEET	E

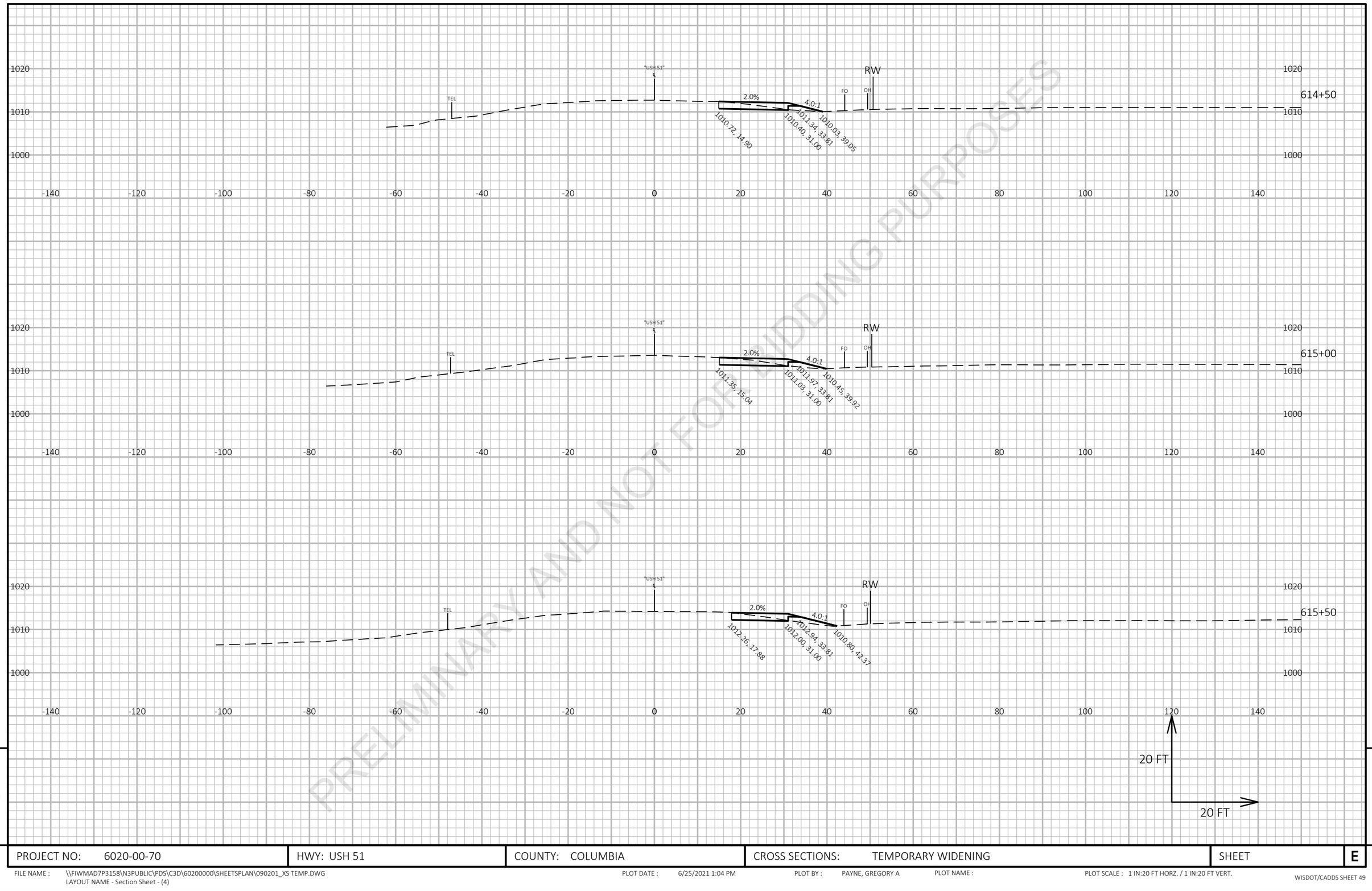
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LAYOUT NAME - Section Sheet - (3)

PLOT DATE : 6/25/2021 1:04 PM

PLOT BY : PAYNE, GREGORY A

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



PRELIMINARY AND NOT FOR BIDDING PURPOSES

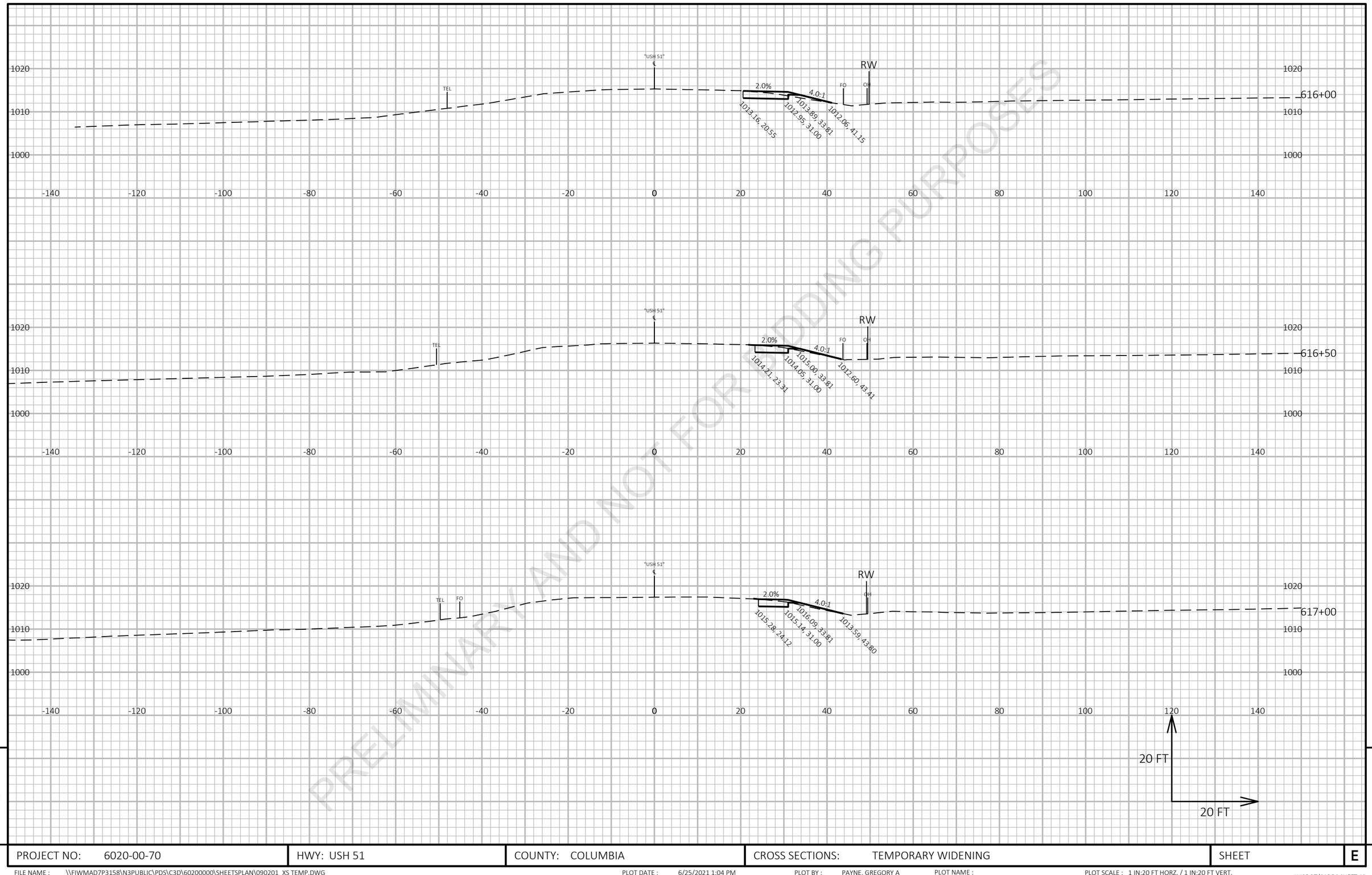
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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: TEMPORARY WIDENING	SHEET E

FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\090201_XS TEMP.DWG
LAYOUT NAME - Section Sheet - (4)

PLOT DATE : 6/25/2021 1:04 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



PRELIMINARY AND NOT FOR BIDDING PURPOSES

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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: TEMPORARY WIDENING	SHEET	E

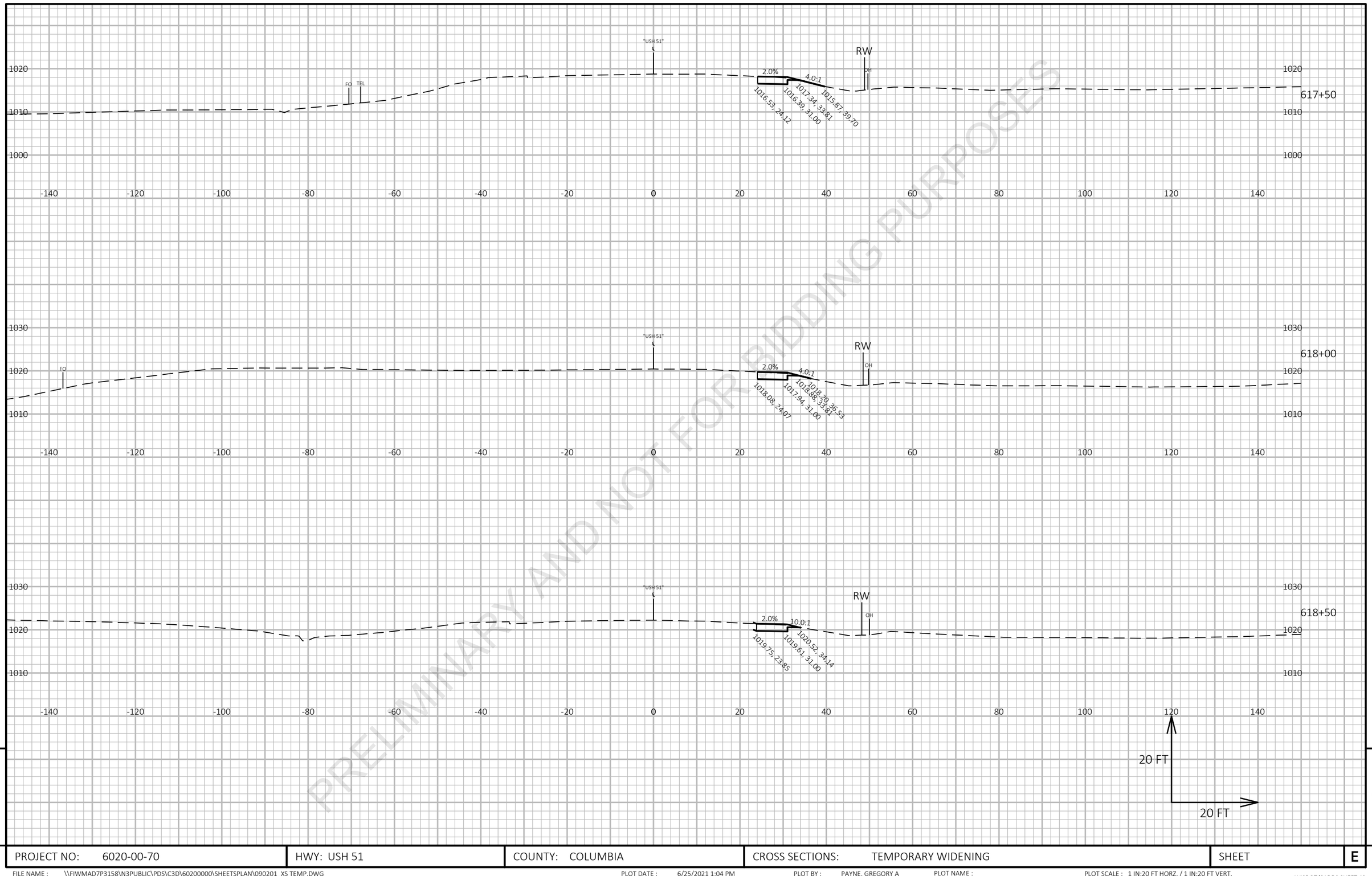
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LAYOUT NAME - Section Sheet - (5)

PLOT DATE : 6/25/2021 1:04 PM

PLOT BY : PAYNE, GREGORY A

PLOT NAME :

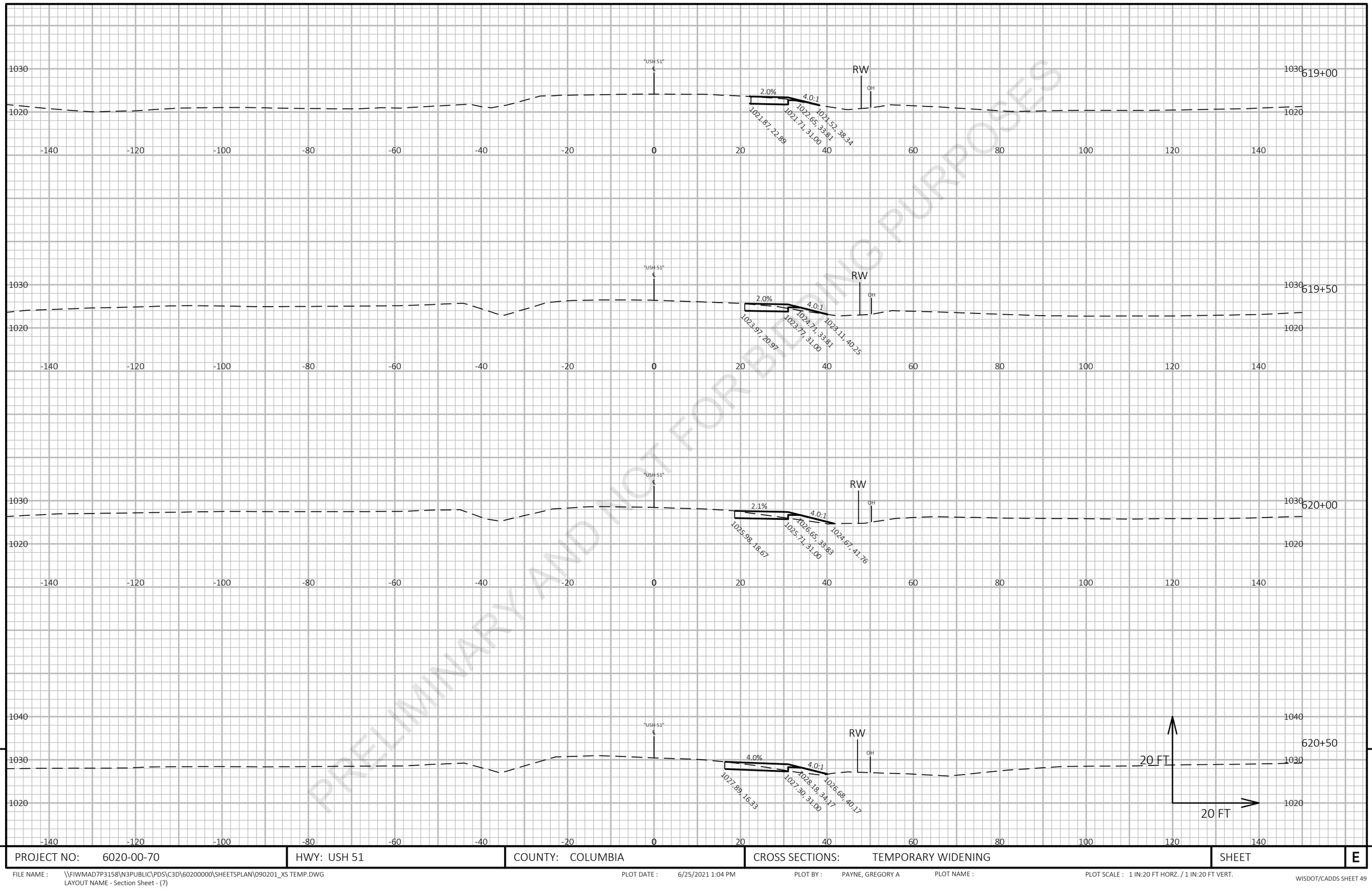
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PRELIMINARY AND NOT FOR BIDDING PURPOSES

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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: TEMPORARY WIDENING	SHEET	E



PRELIMINARY AND NOT FOR BIDDING PURPOSES

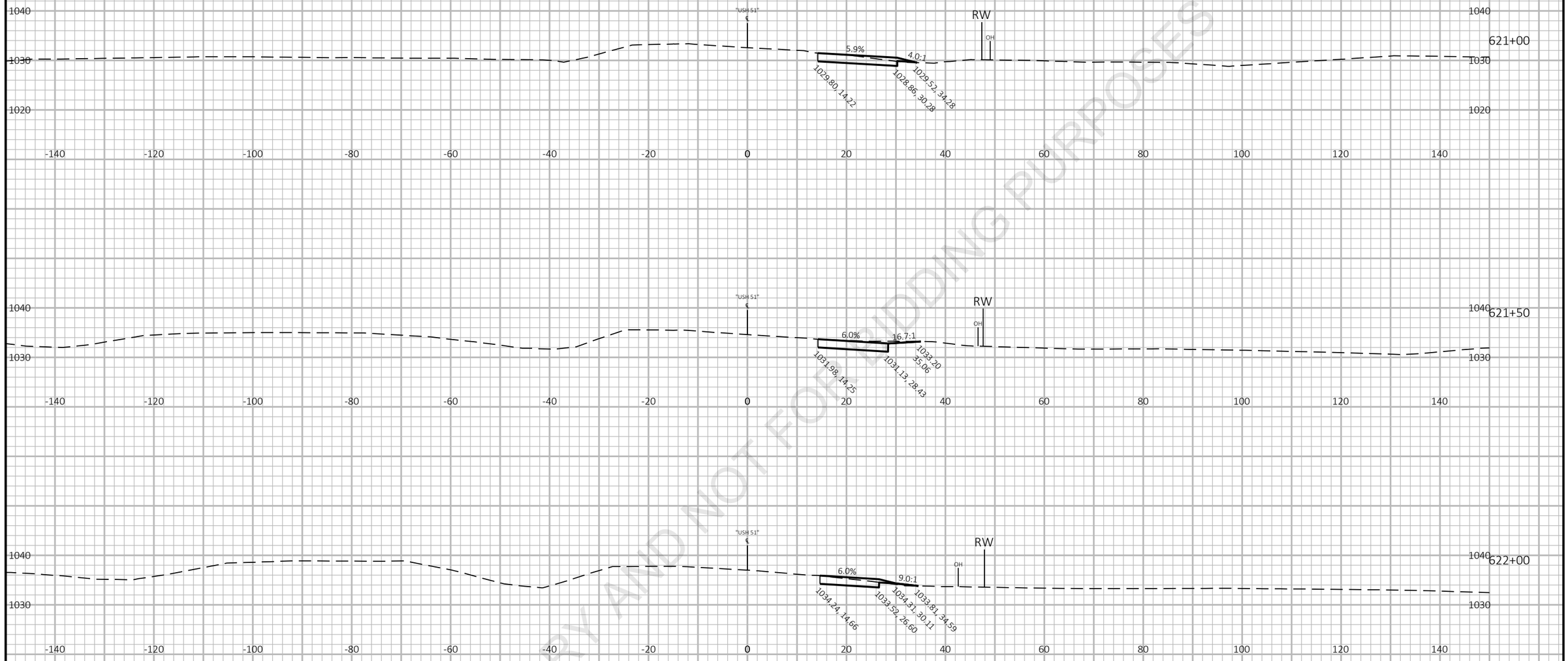
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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: TEMPORARY WIDENING	SHEET	E

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LAYOUT NAME - Section Sheet - (7)

PLOT DATE : 6/25/2021 1:04 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



PRELIMINARY AND NOT FOR BIDDING PURPOSES

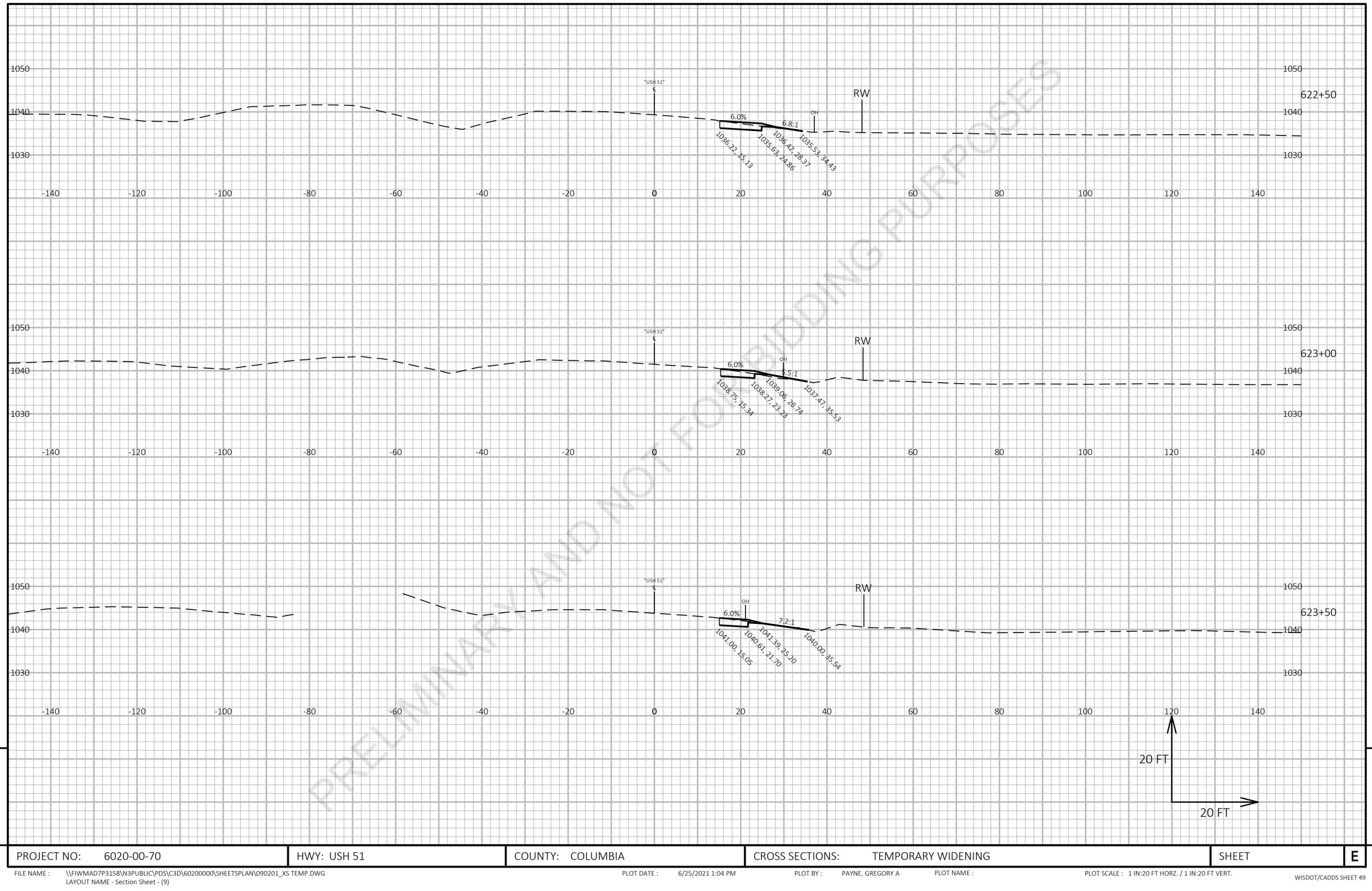
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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: TEMPORARY WIDENING	SHEET	E

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LAYOUT NAME - Section Sheet - (8)

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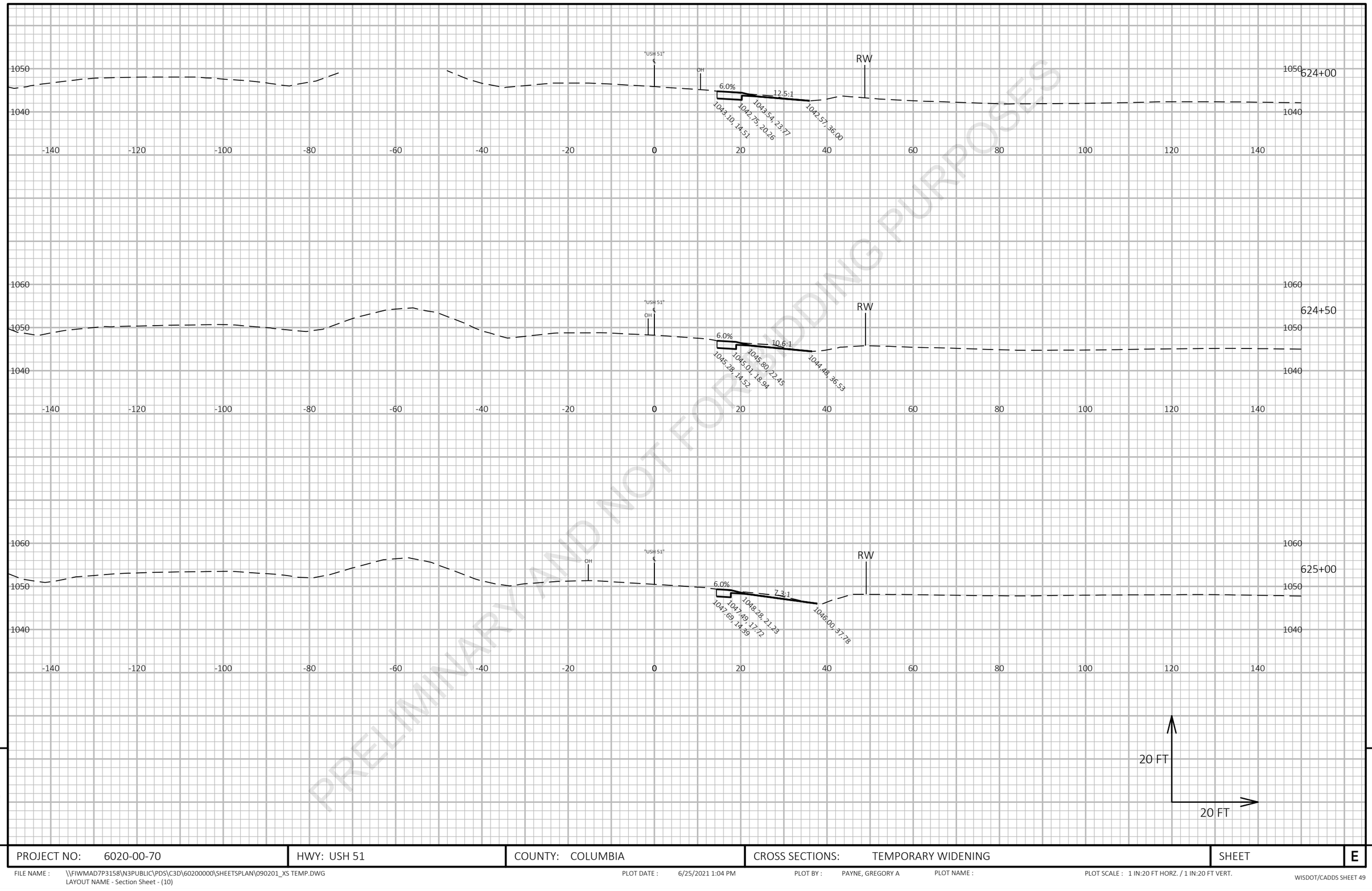
PRELIMINARY AND NOT FOR BIDDING PURPOSES

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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: TEMPORARY WIDENING	SHEET E

FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\090201_XS TEMP.DWG
LAYOUT NAME - Section Sheet - (9)
PLOT DATE : 6/25/2021 1:04 PM
PLOT BY : PAYNE, GREGORY A
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49



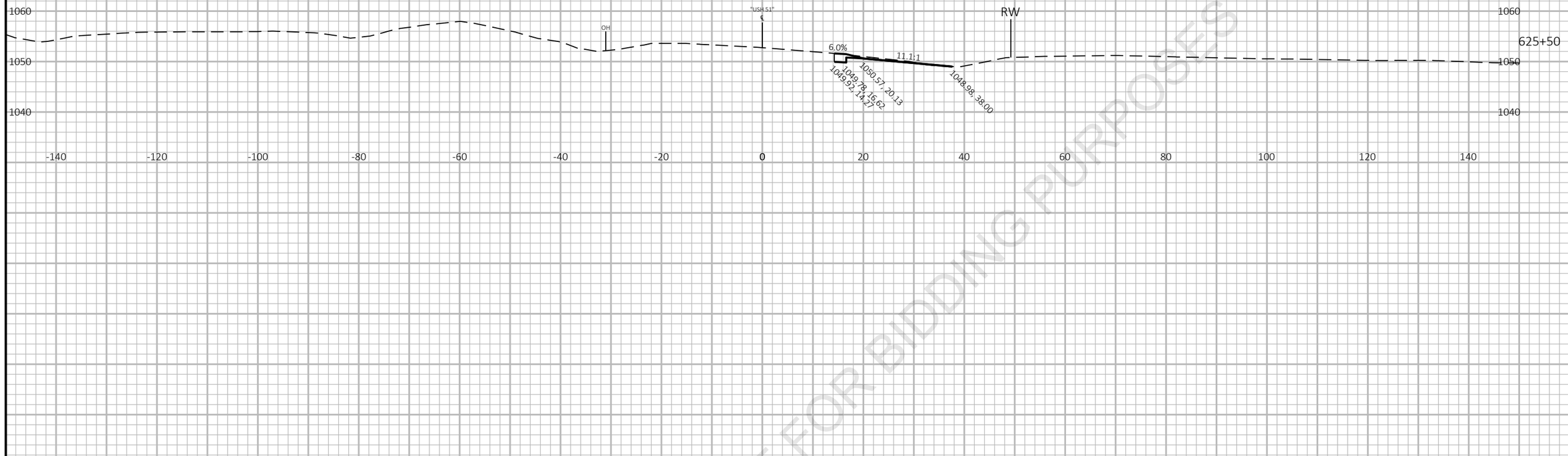
PRELIMINARY AND NOT FOR BIDDING PURPOSES

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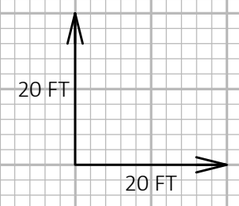
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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: TEMPORARY WIDENING	SHEET E

FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\090201_XS TEMP.DWG
LAYOUT NAME - Section Sheet - (10)
PLOT DATE : 6/25/2021 1:04 PM
PLOT BY : PAYNE, GREGORY A
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49



PRELIMINARY AND NOT FOR BIDDING PURPOSES



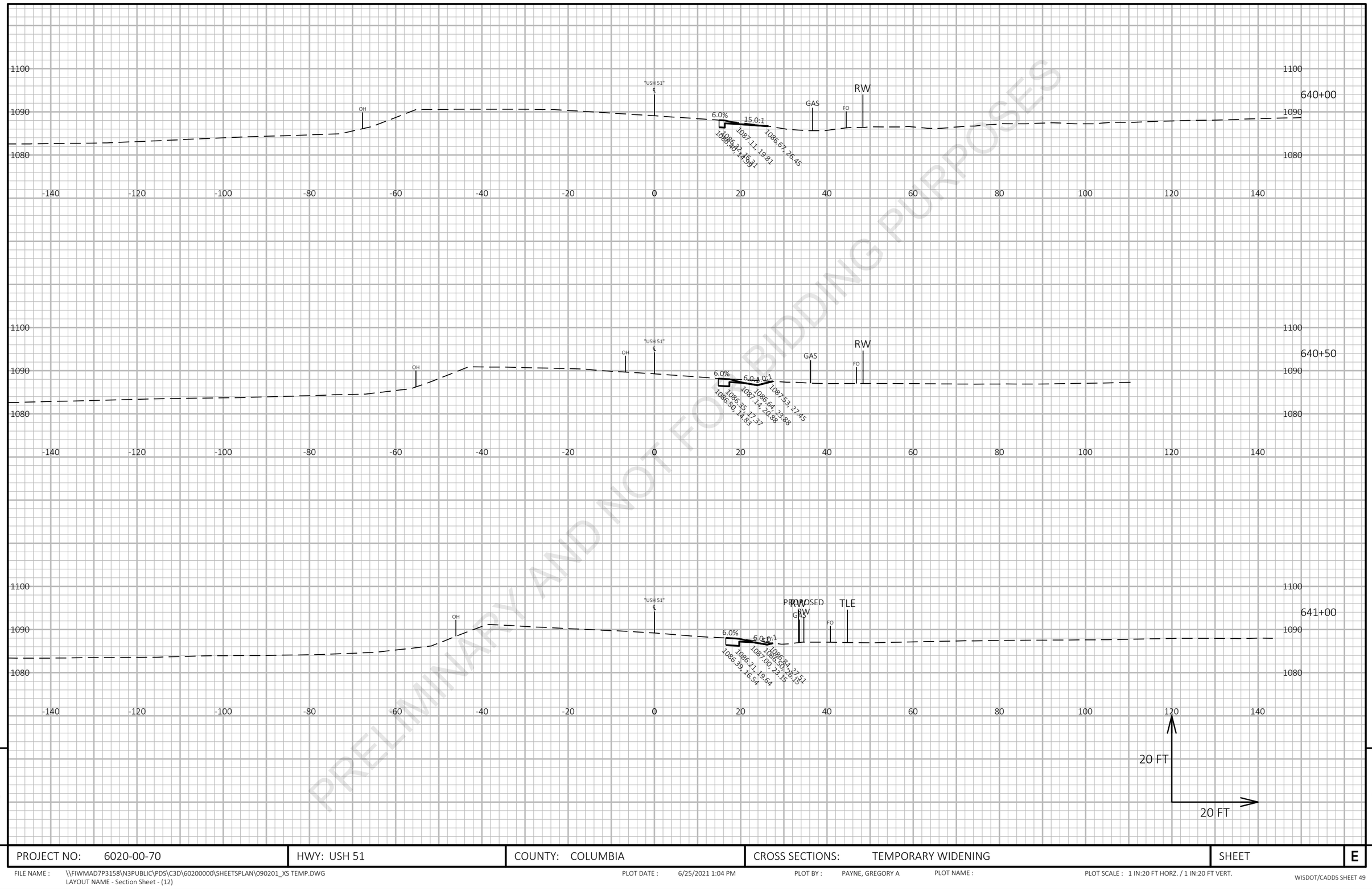
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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: TEMPORARY WIDENING	SHEET	E

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LAYOUT NAME - Section Sheet - (11)

PLOT DATE : 6/25/2021 1:04 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



PRELIMINARY AND NOT FOR BIDDING PURPOSES

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9

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: TEMPORARY WIDENING	SHEET	E

FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\090201_XS TEMP.DWG
LAYOUT NAME - Section Sheet - (12)

PLOT DATE : 6/25/2021 1:04 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



PRELIMINARY AND NOT FOR BIDDING PURPOSES

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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: TEMPORARY WIDENING	SHEET	E

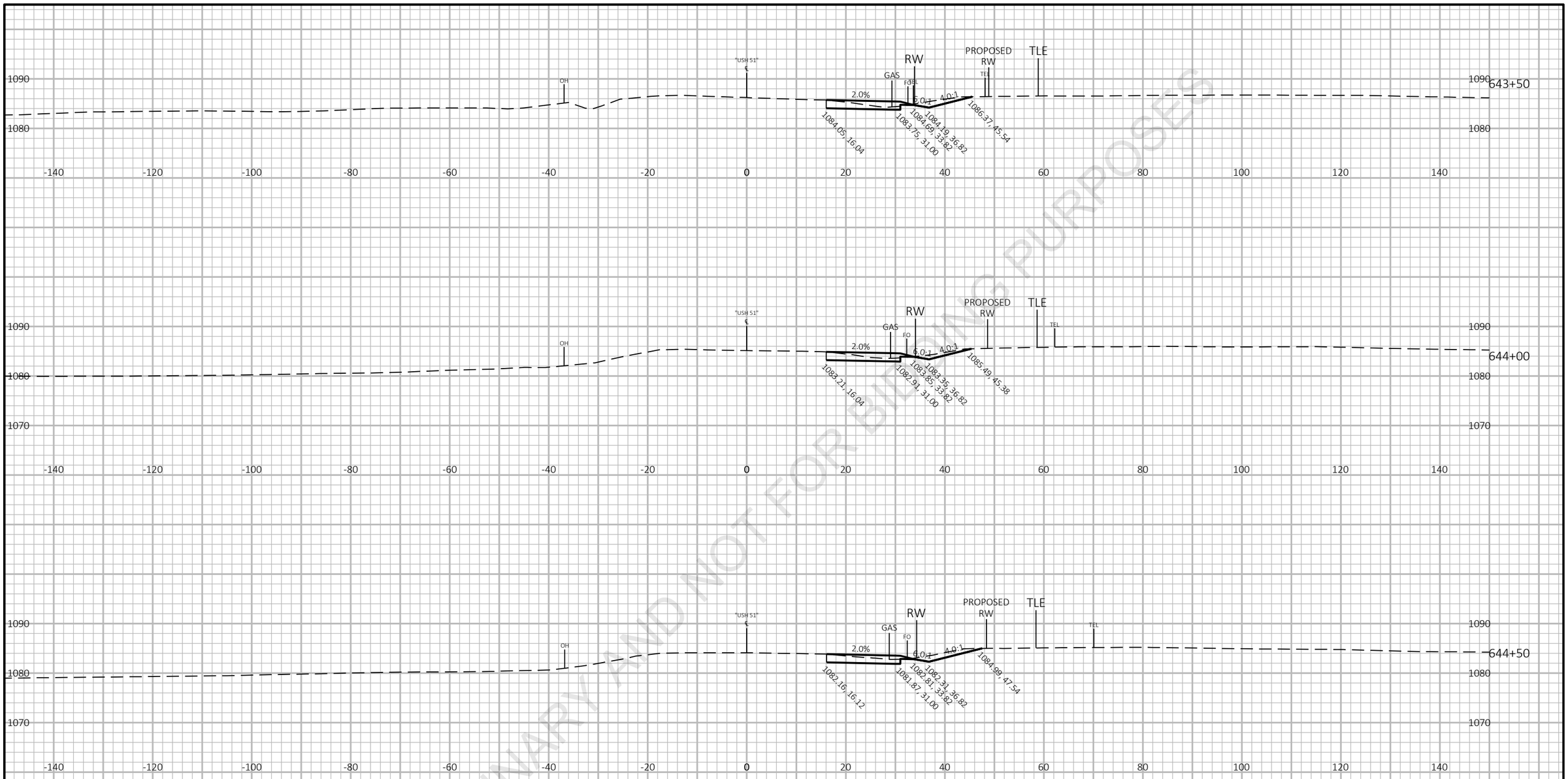
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LAYOUT NAME - Section Sheet - (13)

PLOT DATE : 6/25/2021 1:04 PM

PLOT BY : PAYNE, GREGORY A

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



PRELIMINARY AND NOT FOR BIDDING PURPOSES

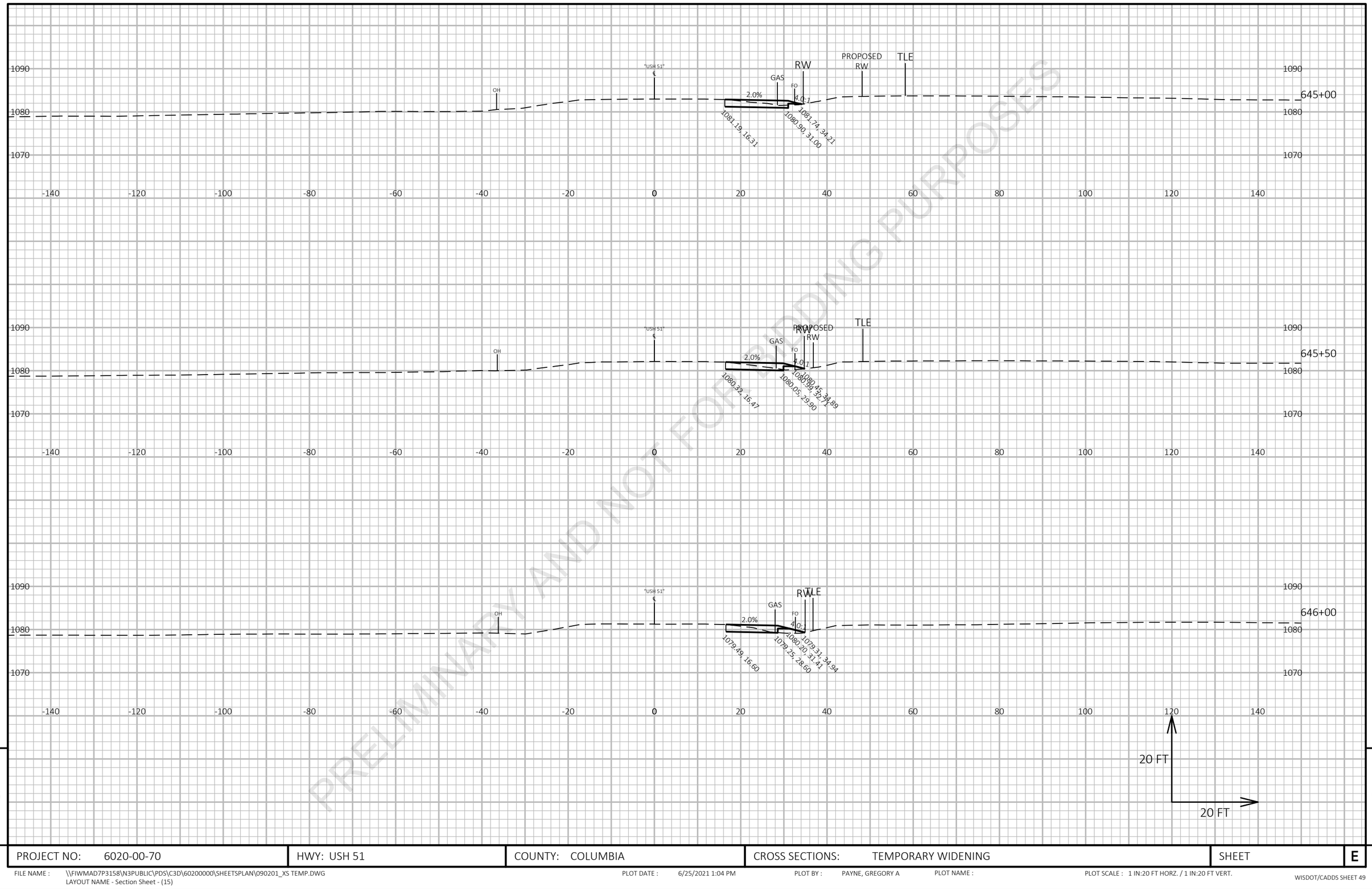
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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: TEMPORARY WIDENING	SHEET E

FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\090201_XS TEMP.DWG
LAYOUT NAME - Section Sheet - (14)

PLOT DATE : 6/25/2021 1:04 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



PRELIMINARY AND NOT FOR BIDDING PURPOSES

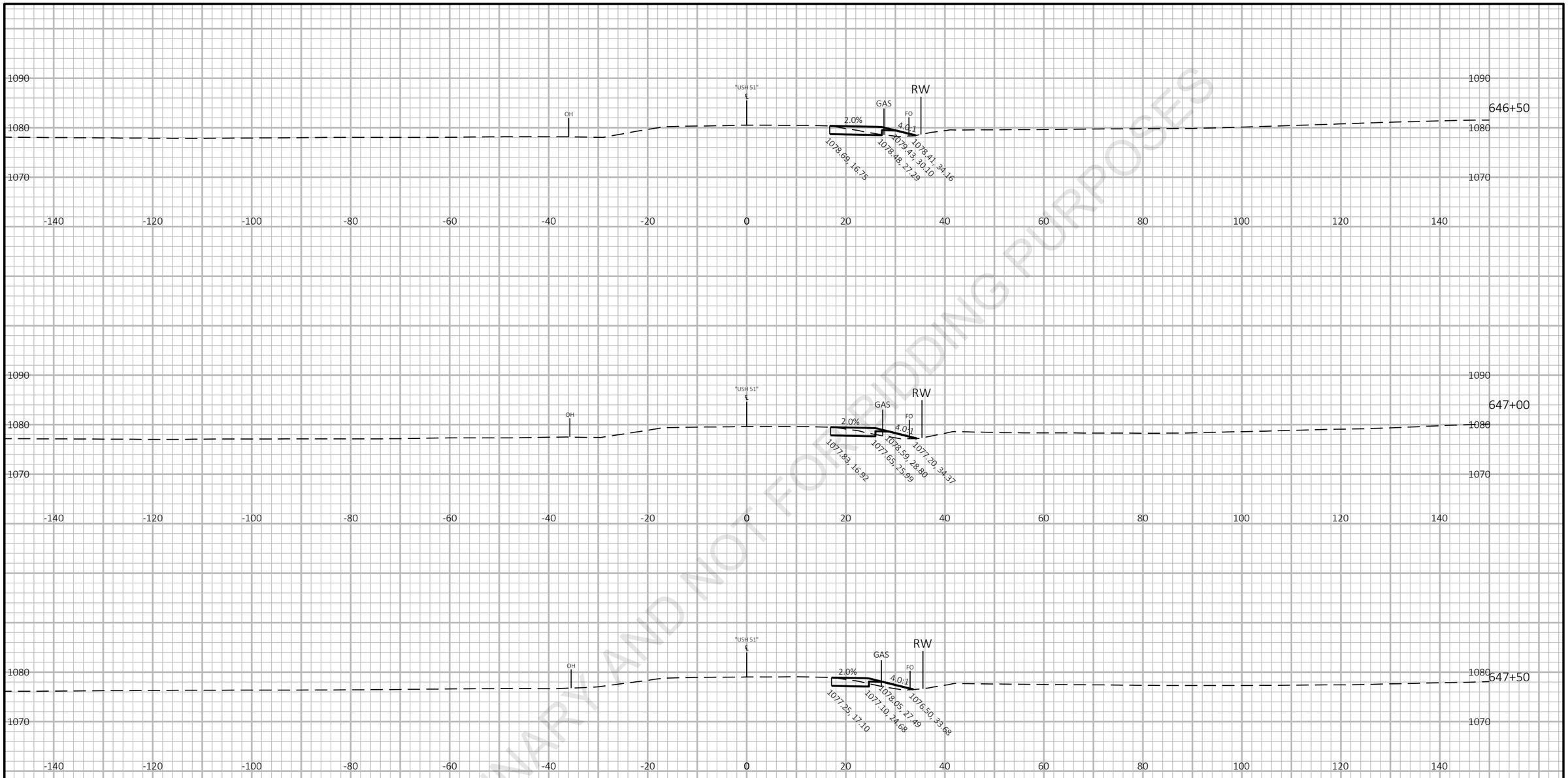
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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: TEMPORARY WIDENING	SHEET	E

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LAYOUT NAME - Section Sheet - (15)

PLOT DATE : 6/25/2021 1:04 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



PRELIMINARY AND NOT FOR BIDDING PURPOSES

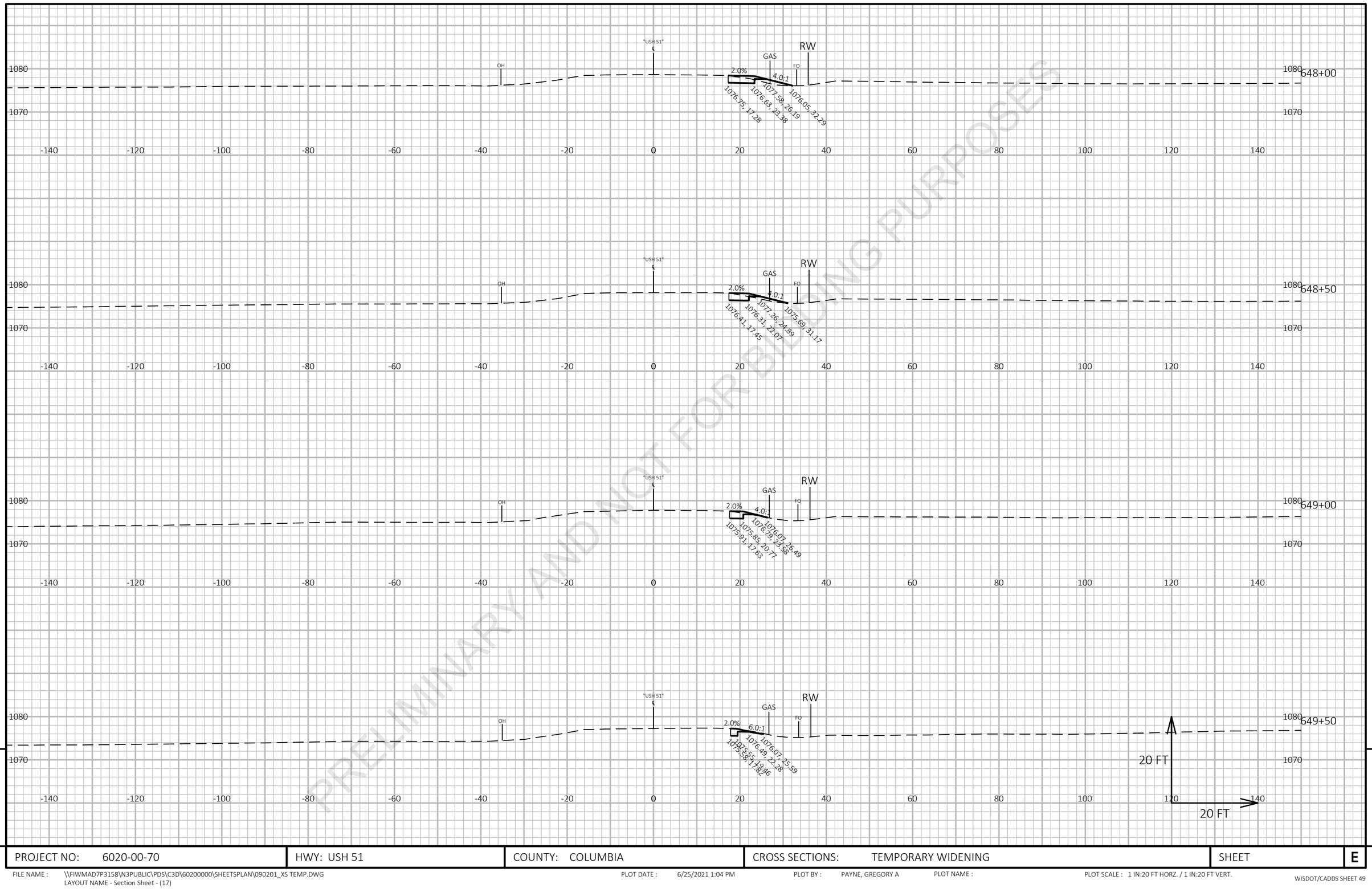
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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: TEMPORARY WIDENING	SHEET E

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LAYOUT NAME - Section Sheet - (16)

PLOT DATE : 6/25/2021 1:04 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



PRELIMINARY AND NOT FOR BIDDING PURPOSES

9

9

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: TEMPORARY WIDENING	SHEET	E

FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\090201_XS TEMP.DWG
LAYOUT NAME - Section Sheet - (17)

PLOT DATE : 6/25/2021 1:04 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



PRELIMINARY AND NOT FOR BIDDING PURPOSES

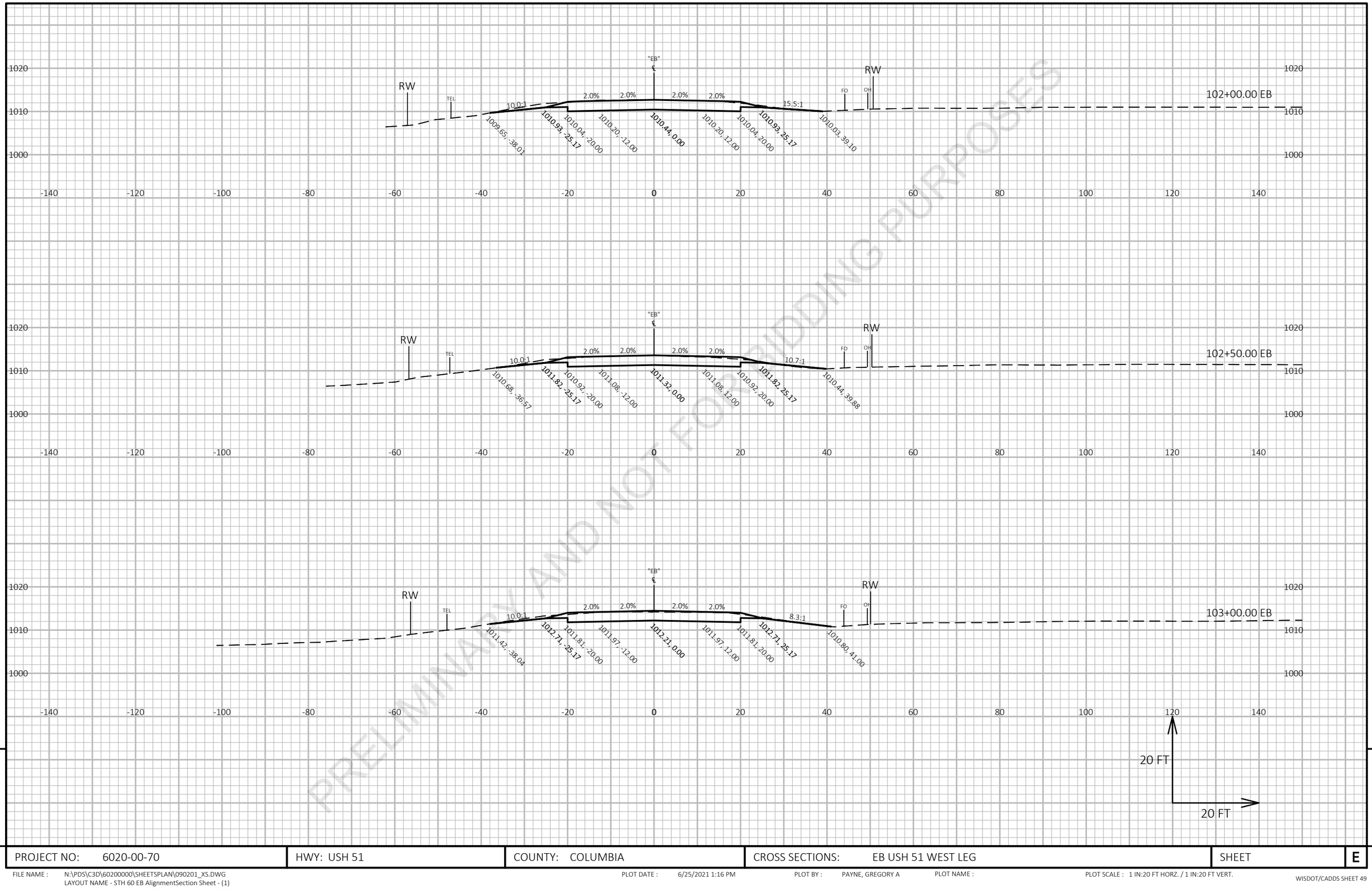
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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: TEMPORARY WIDENING	SHEET	E

FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\090201_XS TEMP.DWG
LAYOUT NAME - Section Sheet - (18)

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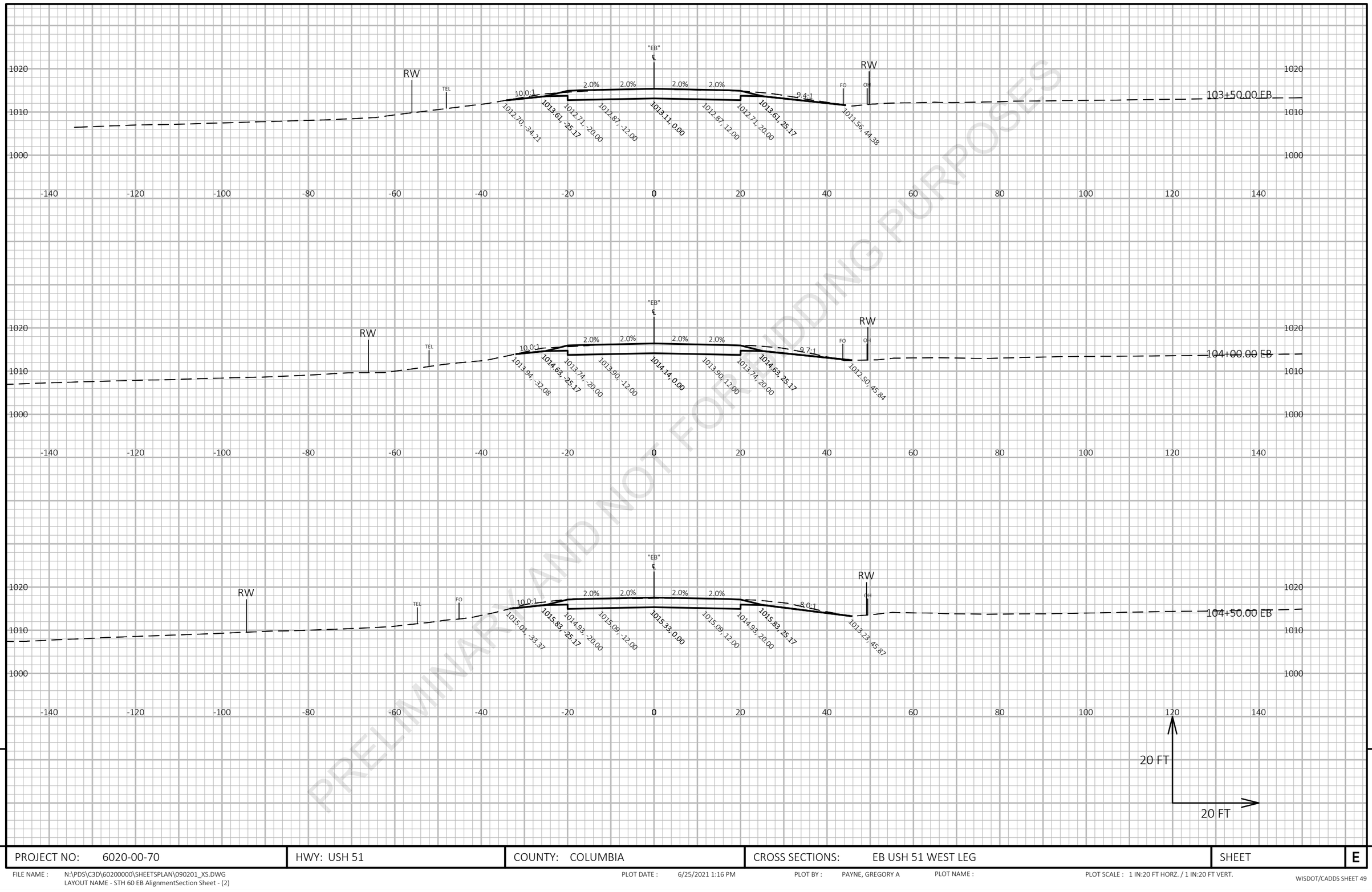
PRELIMINARY AND NOT FOR BIDDING PURPOSES

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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: EB USH 51 WEST LEG	SHEET	E

FILE NAME : N:\PDS\C3D\60200000\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - STH 60 EB AlignmentSection Sheet - (1)
PLOT DATE : 6/25/2021 1:16 PM
PLOT BY : PAYNE, GREGORY A
PLOT NAME :
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WISDOT/CADDS SHEET 49



PRELIMINARY AND NOT FOR BIDDING PURPOSES

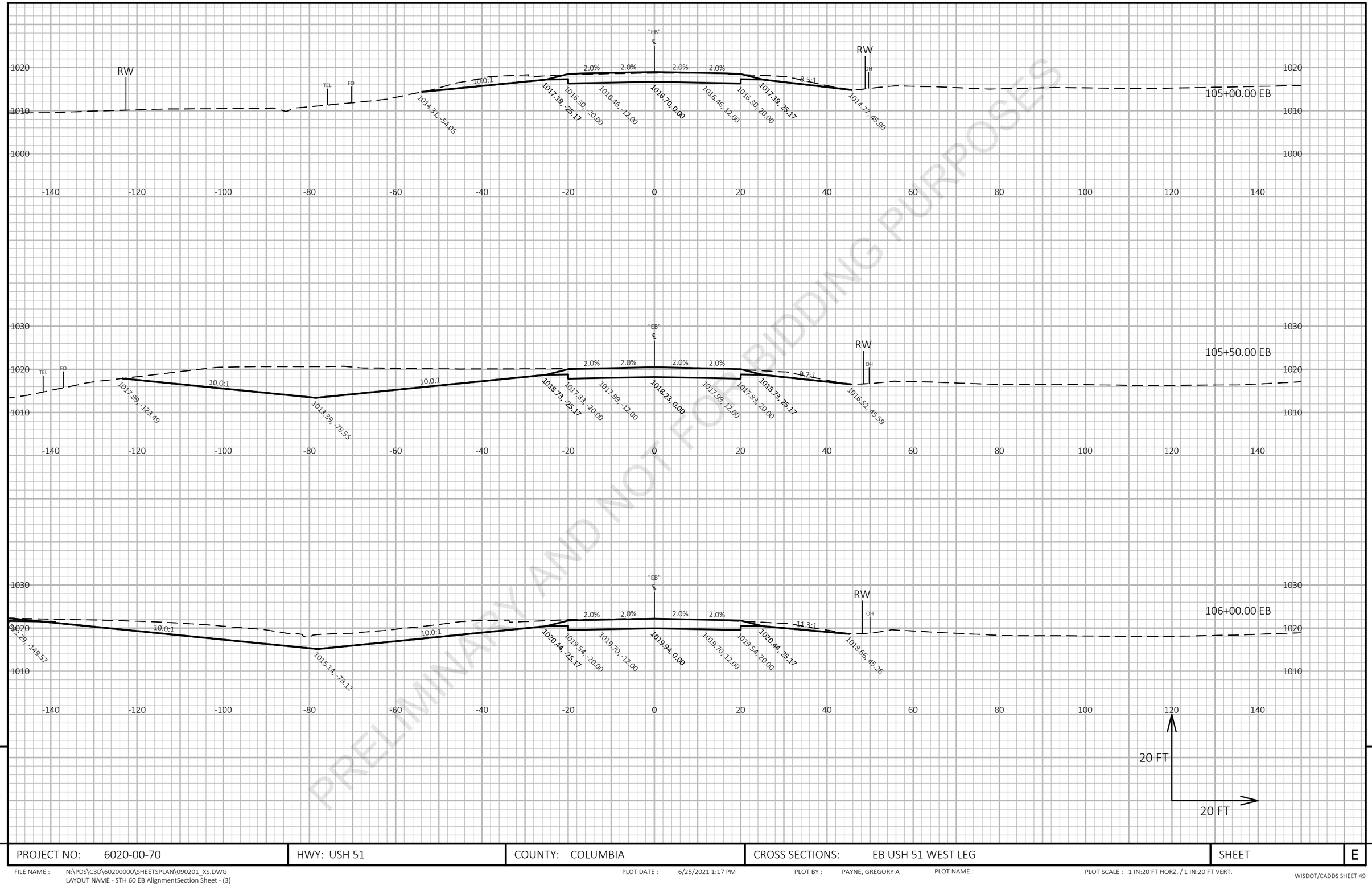
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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: EB USH 51 WEST LEG	SHEET E

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LAYOUT NAME - STH 60 EB AlignmentSection Sheet - (2)

PLOT DATE : 6/25/2021 1:16 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



PRELIMINARY AND NOT FOR BIDDING PURPOSES

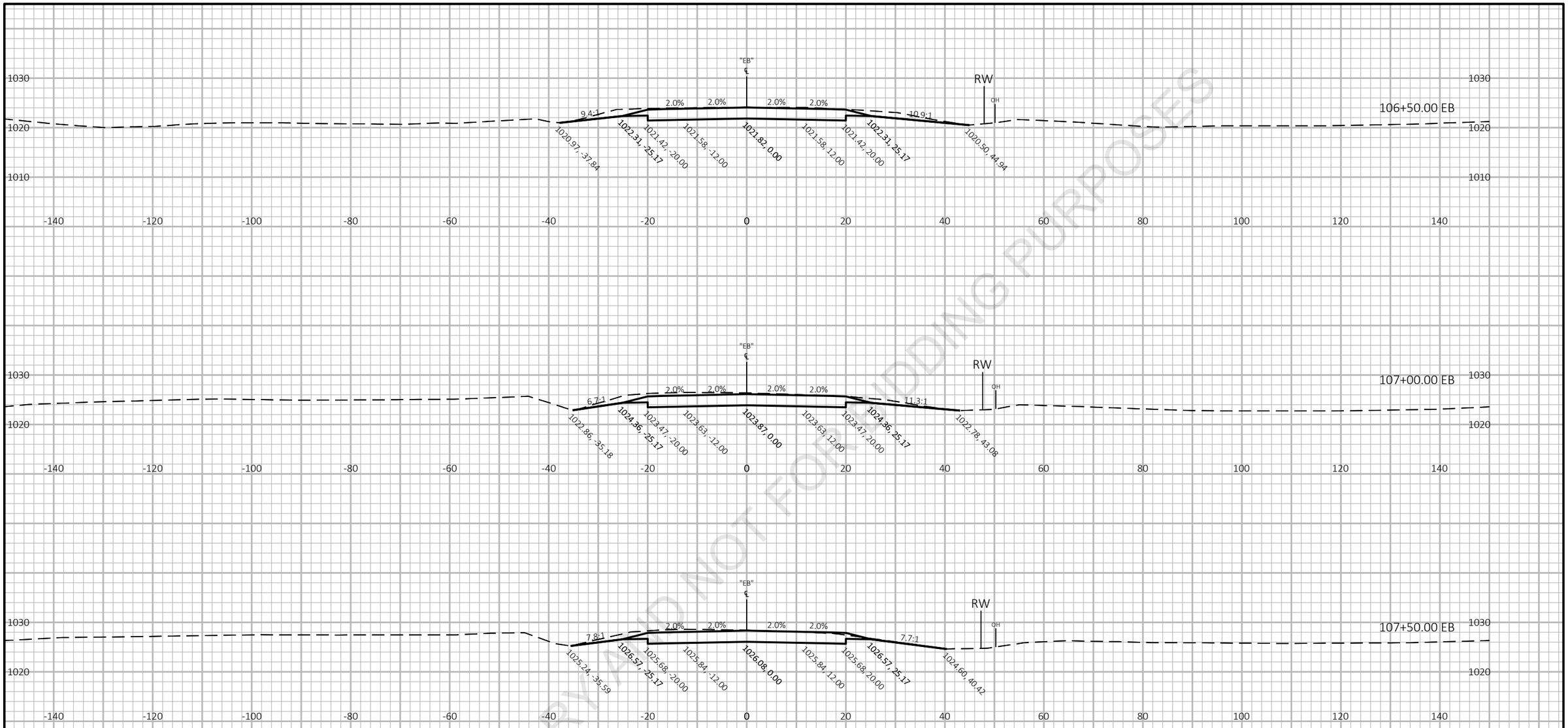
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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: EB USH 51 WEST LEG	SHEET	E

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LAYOUT NAME - STH 60 EB AlignmentSection Sheet - (3)

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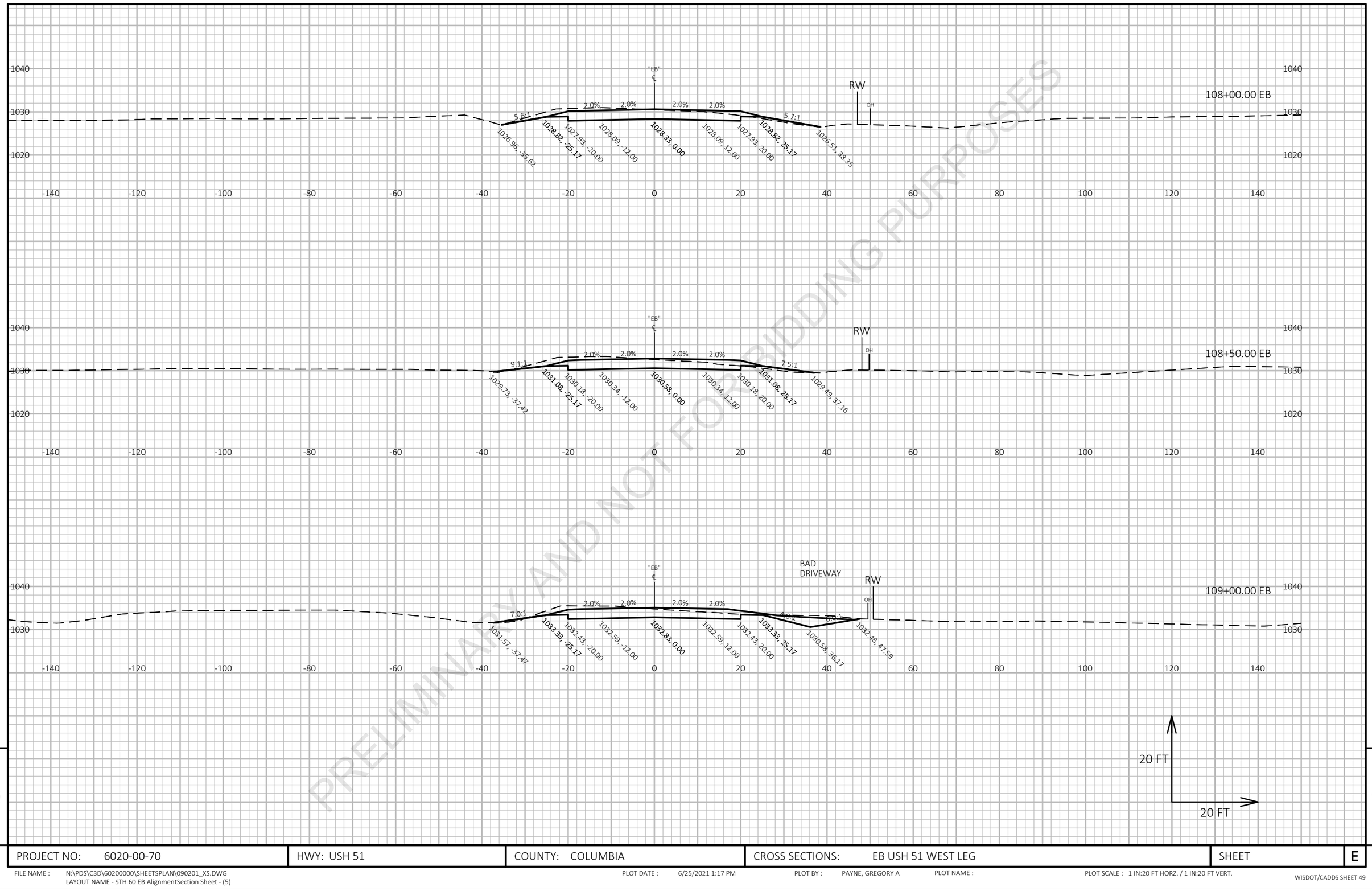
PRELIMINARY - NOT FOR BIDDING PURPOSES

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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: EB USH 51 WEST LEG	SHEET E

FILE NAME : N:\PDS\C3D\60200000\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - STH 60 EB AlignmentSection Sheet - (4)
PLOT DATE : 6/25/2021 1:17 PM
PLOT BY : PAYNE, GREGORY A
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49



PRELIMINARY AND NOT FOR BIDDING PURPOSES

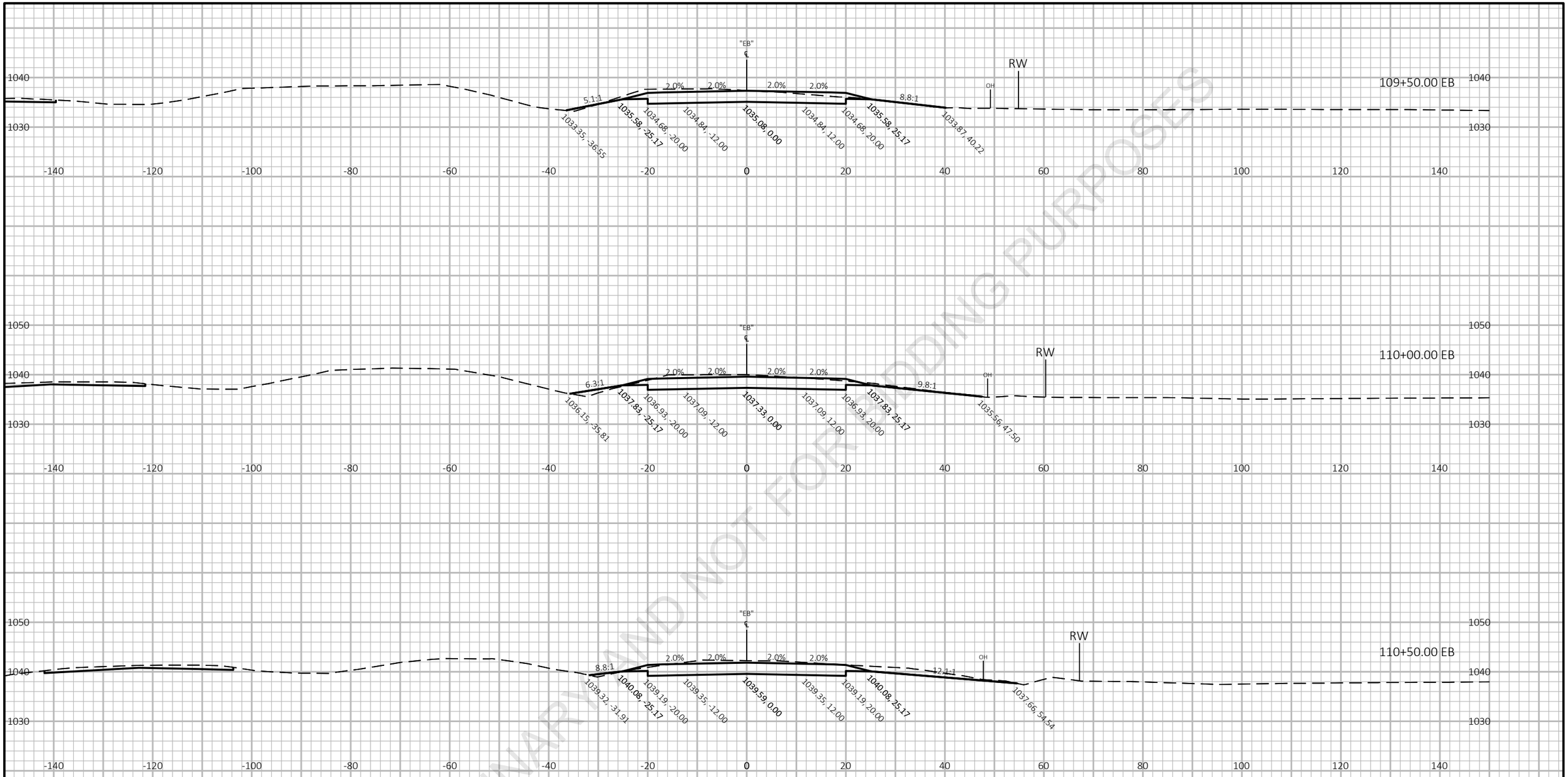
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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: EB USH 51 WEST LEG	SHEET E

FILE NAME : N:\PDS\C3D\60200000\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - STH 60 EB AlignmentSection Sheet - (5)

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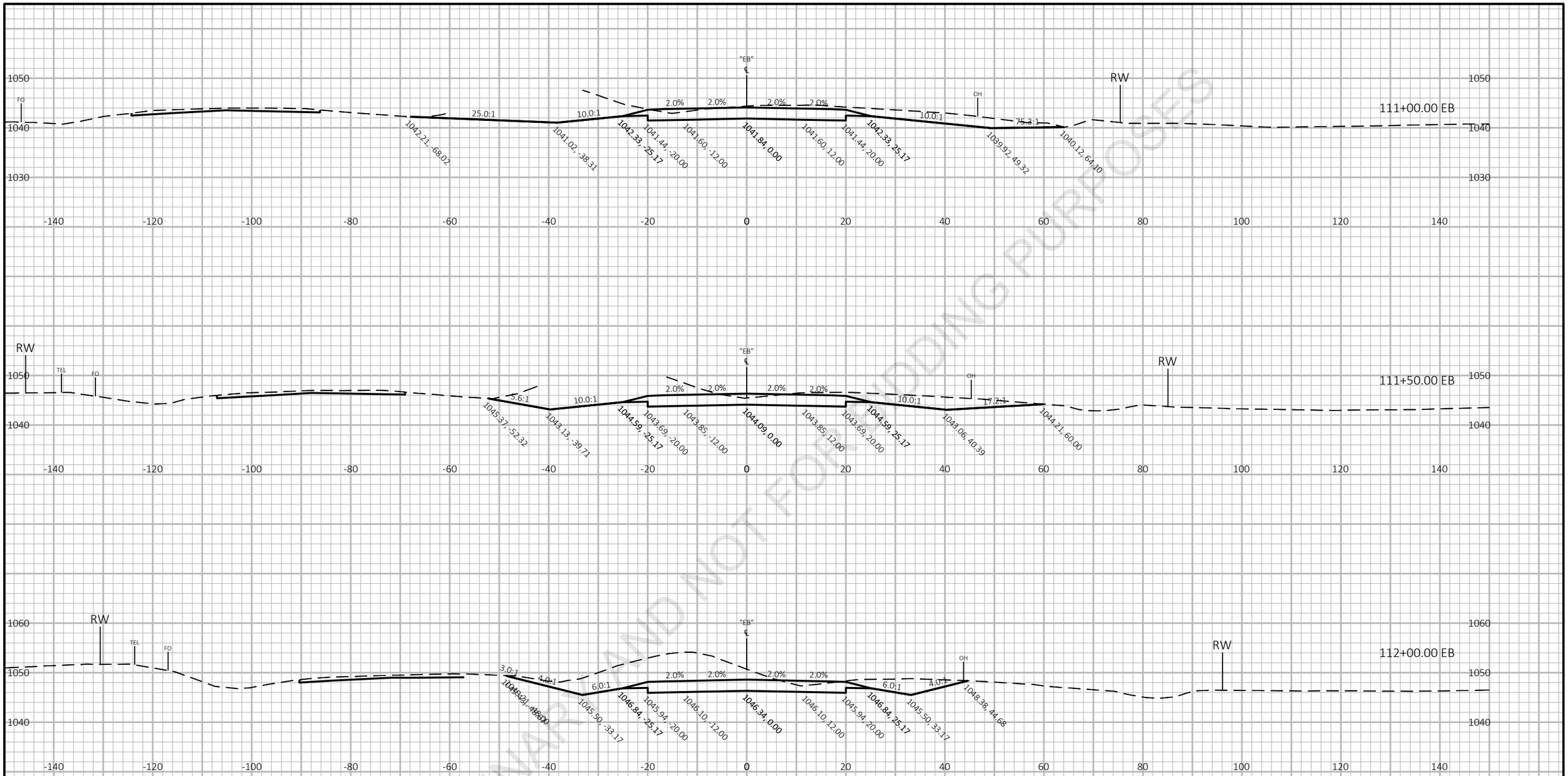
PRELIMINARY AND NOT FOR BIDDING PURPOSES

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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: EB USH 51 WEST LEG	SHEET E

FILE NAME : N:\PDS\C3D\60200000\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - STH 60 EB AlignmentSection Sheet - (6)
PLOT DATE : 6/25/2021 1:17 PM
PLOT BY : PAYNE, GREGORY A
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49



PRELIMINARY AND NOT FOR BIDDING PURPOSES

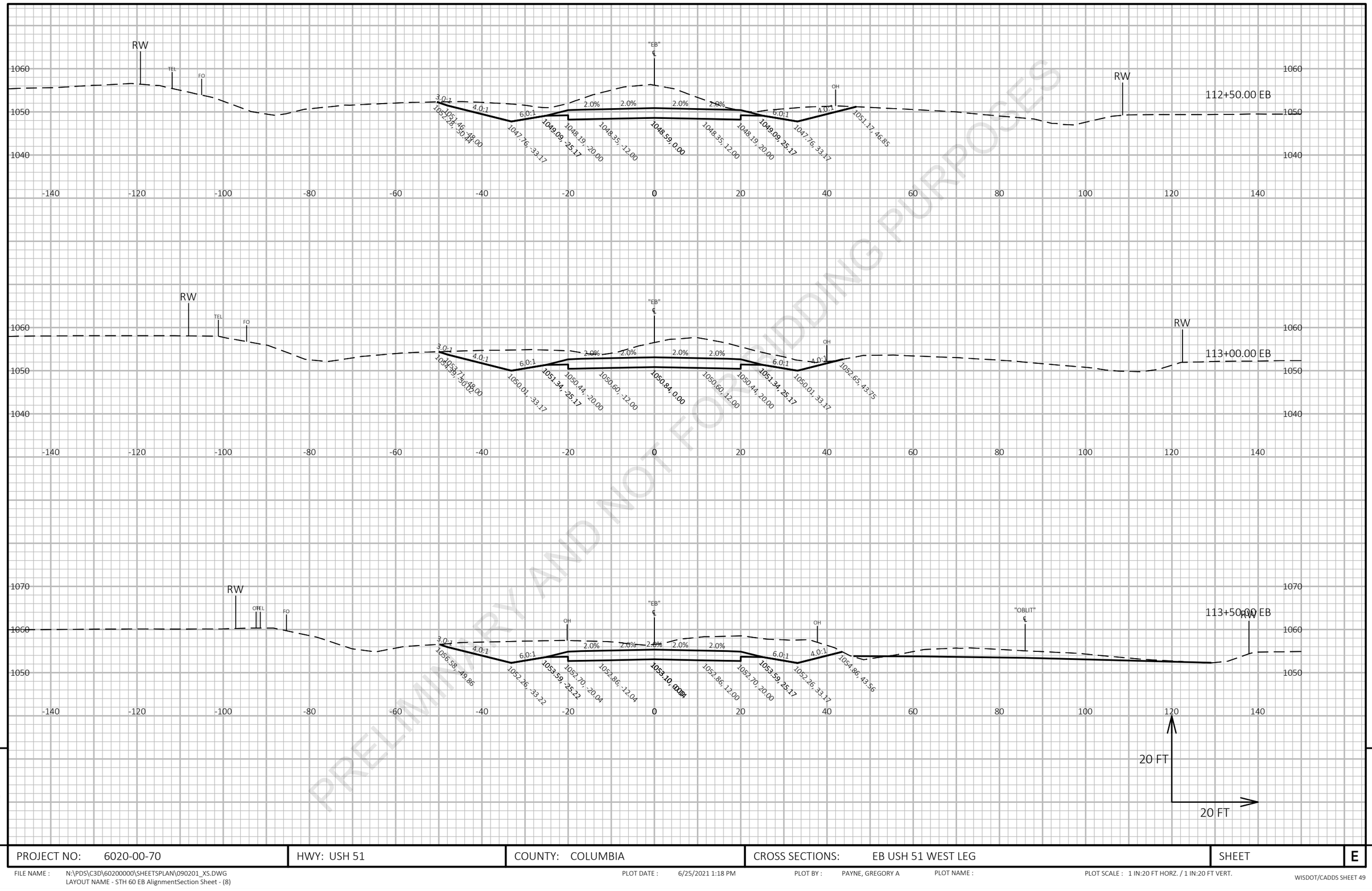
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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: EB USH 51 WEST LEG	SHEET	E

FILE NAME : N:\PDS\C3D\60200000\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - STH 60 EB AlignmentSection Sheet - (7)

PLOT DATE : 6/25/2021 1:18 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



PRELIMINARY AND NOT FOR BIDDING PURPOSES

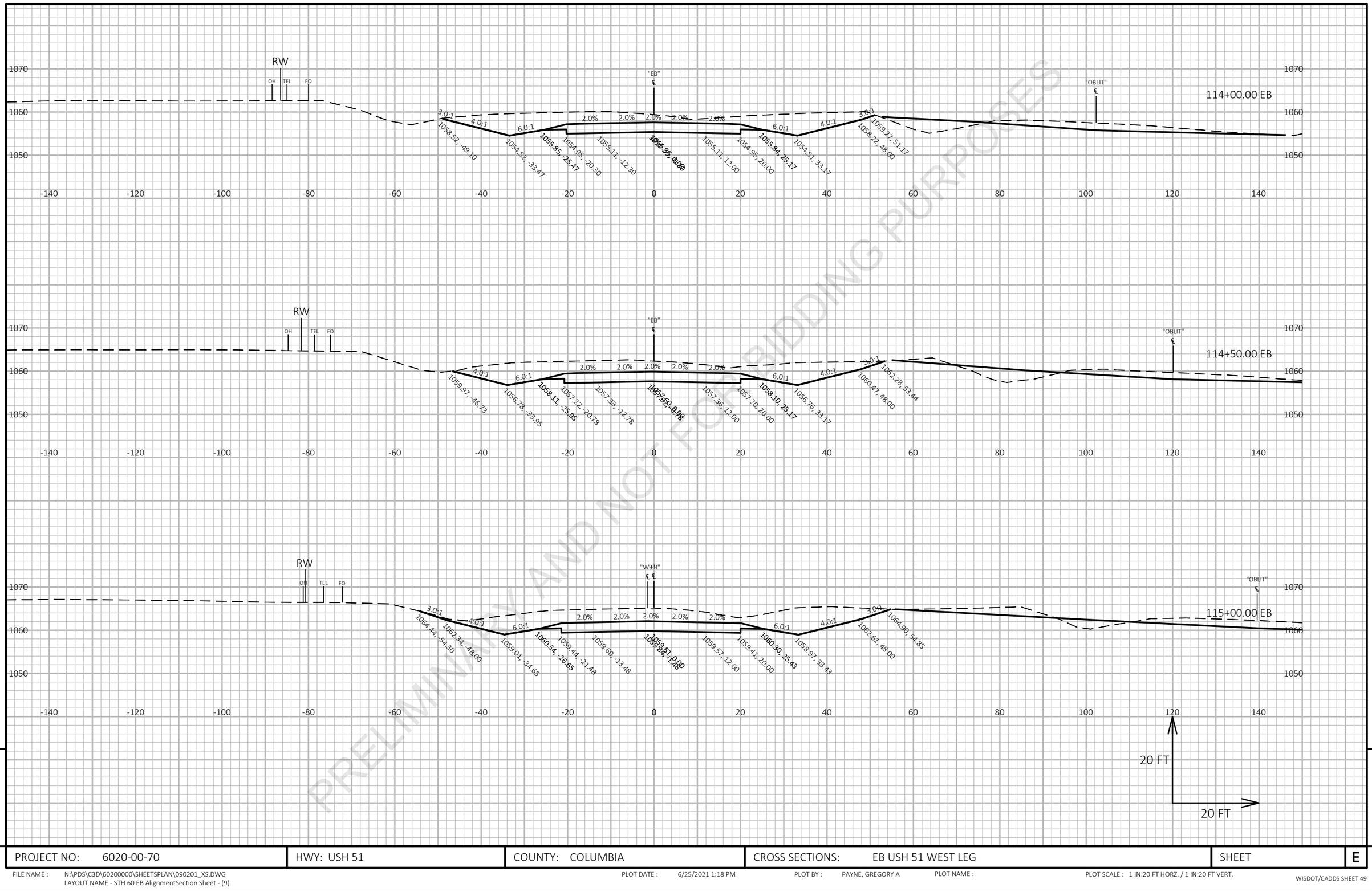
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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: EB USH 51 WEST LEG	SHEET E

FILE NAME : N:\PDS\C3D\60200000\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - STH 60 EB AlignmentSection Sheet - (8)

PLOT DATE : 6/25/2021 1:18 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



PRELIMINARY AND NOT FOR BIDDING PURPOSES

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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: EB USH 51 WEST LEG	SHEET E

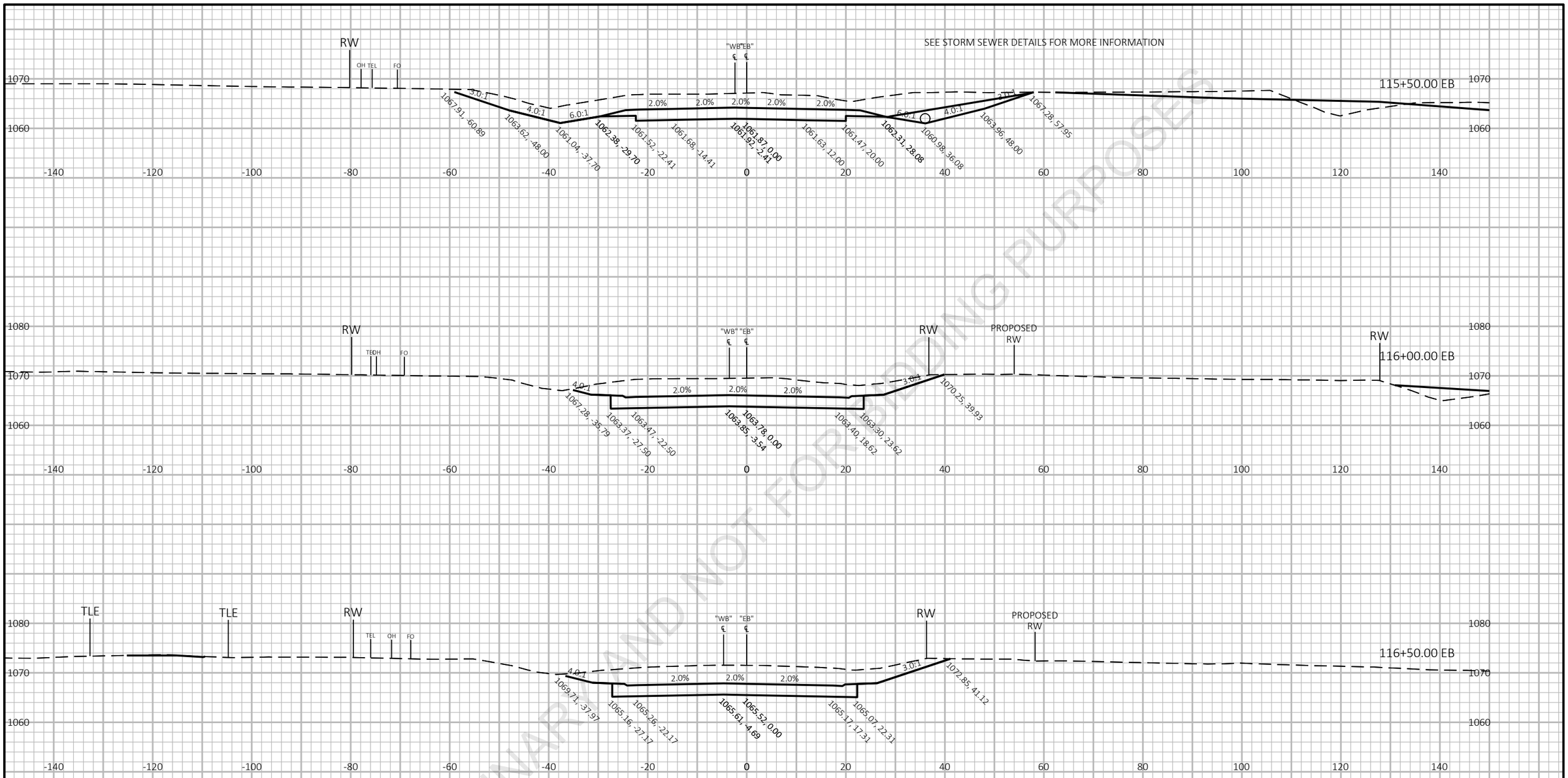
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PLOT DATE : 6/25/2021 1:18 PM

PLOT BY : PAYNE, GREGORY A

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



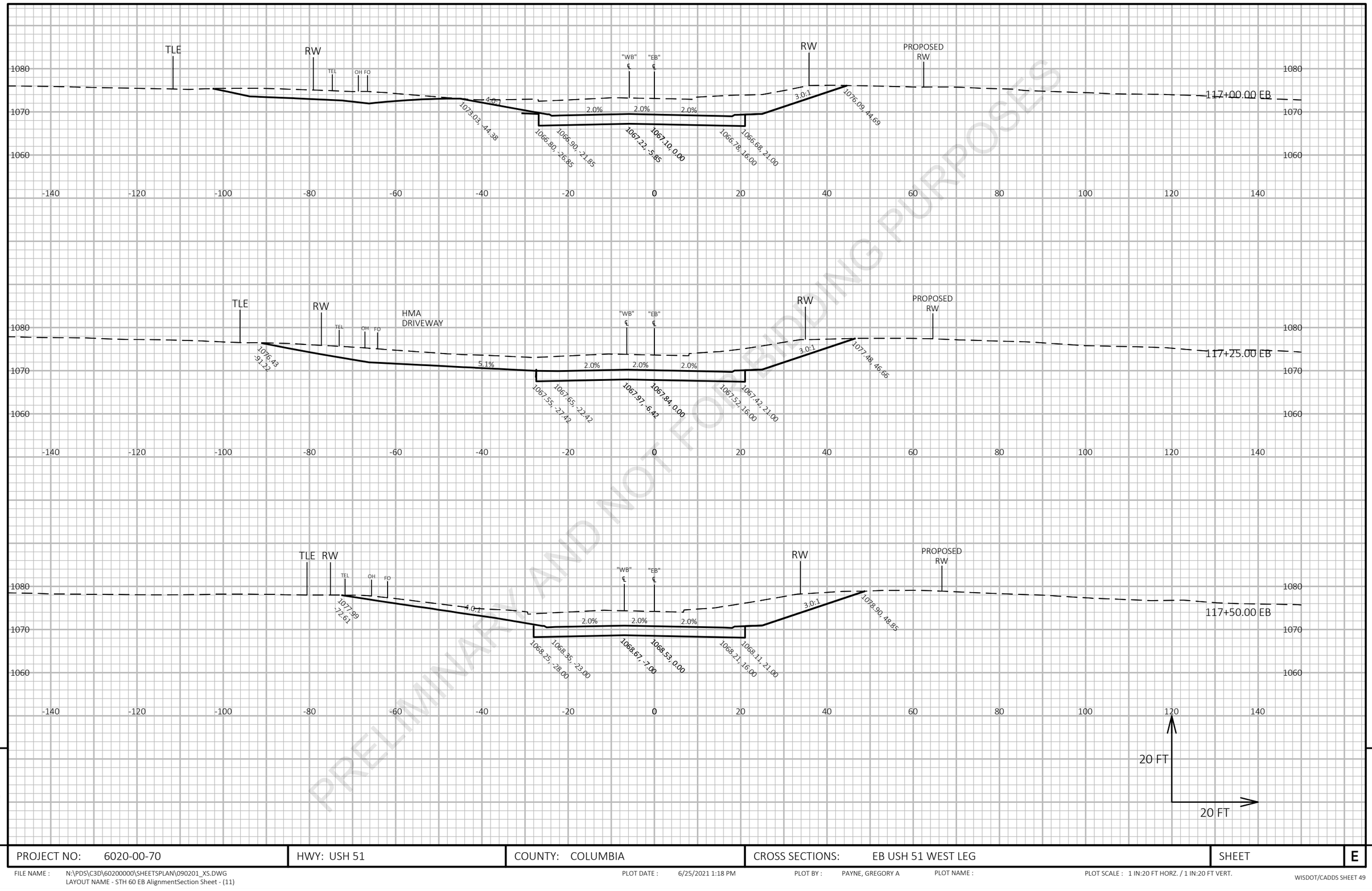
PRELIMINARY - NOT FOR BIDDING PURPOSES

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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: EB USH 51 WEST LEG	SHEET	E

FILE NAME : N:\PDS\C3D\60200000\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - STH 60 EB AlignmentSection Sheet - (10)
PLOT DATE : 6/25/2021 1:18 PM
PLOT BY : PAYNE, GREGORY A
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49



PRELIMINARY AND NOT FOR BIDDING PURPOSES

9

9

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: EB USH 51 WEST LEG	SHEET	E

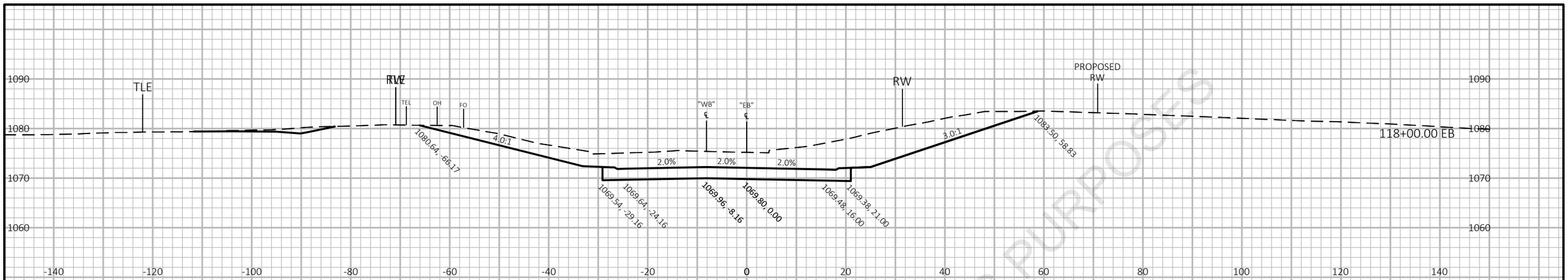
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LAYOUT NAME - STH 60 EB AlignmentSection Sheet - (11)

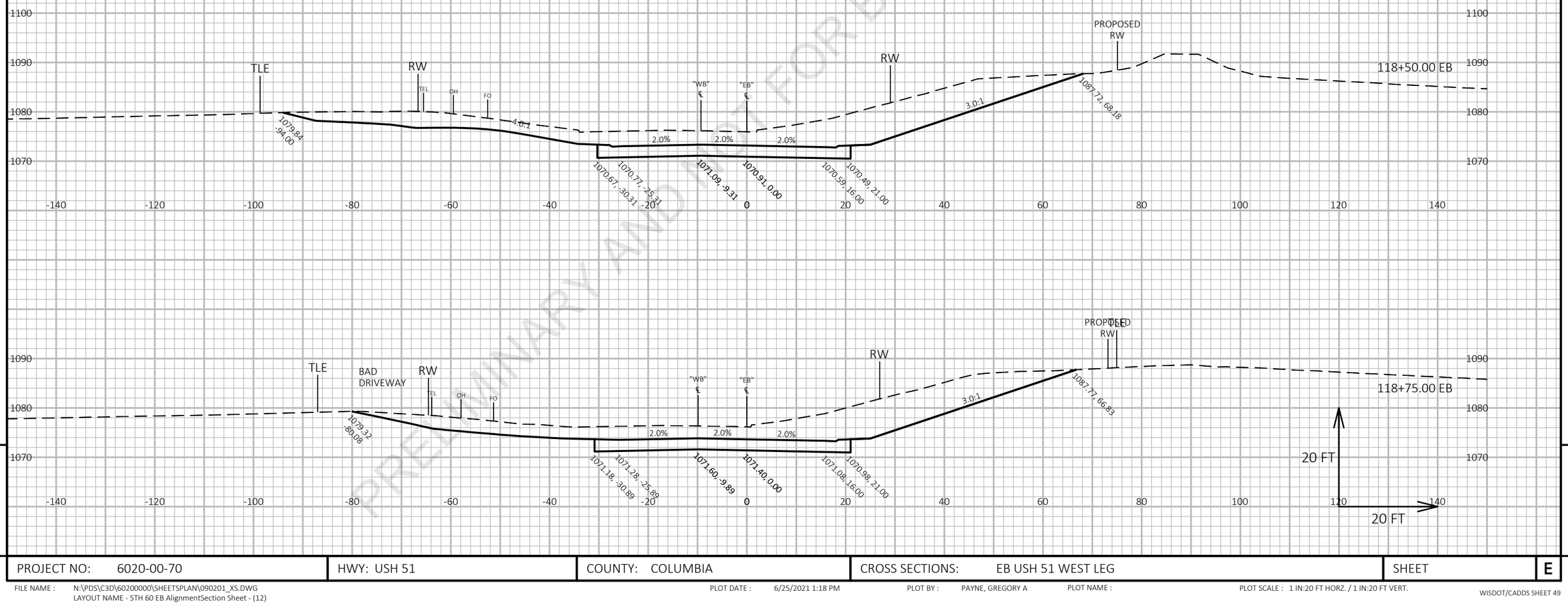
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PLOT BY : PAYNE, GREGORY A

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



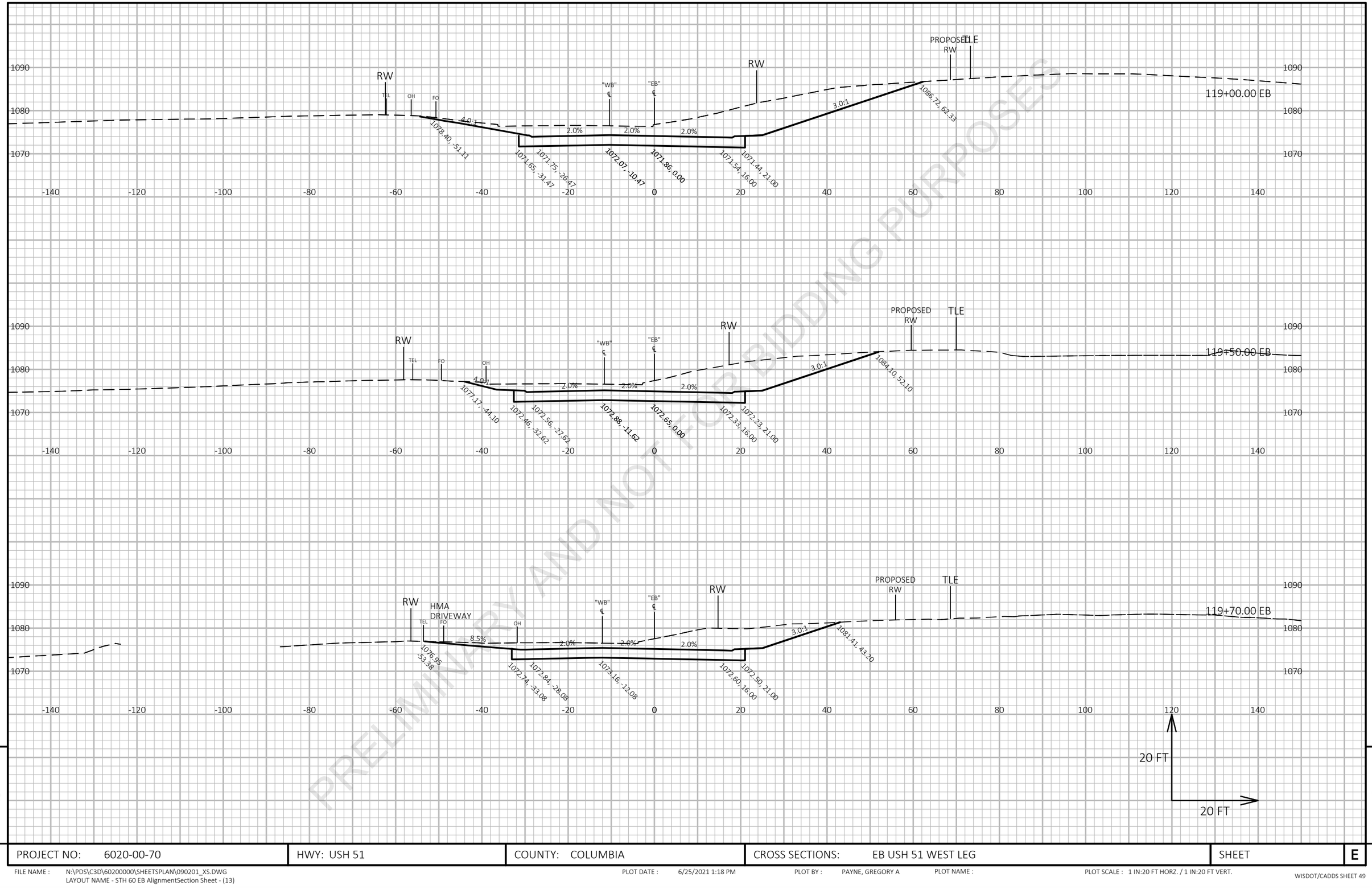


PRELIMINARY AND NOT FOR BIDDING PURPOSES

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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: EB USH 51 WEST LEG	SHEET	E



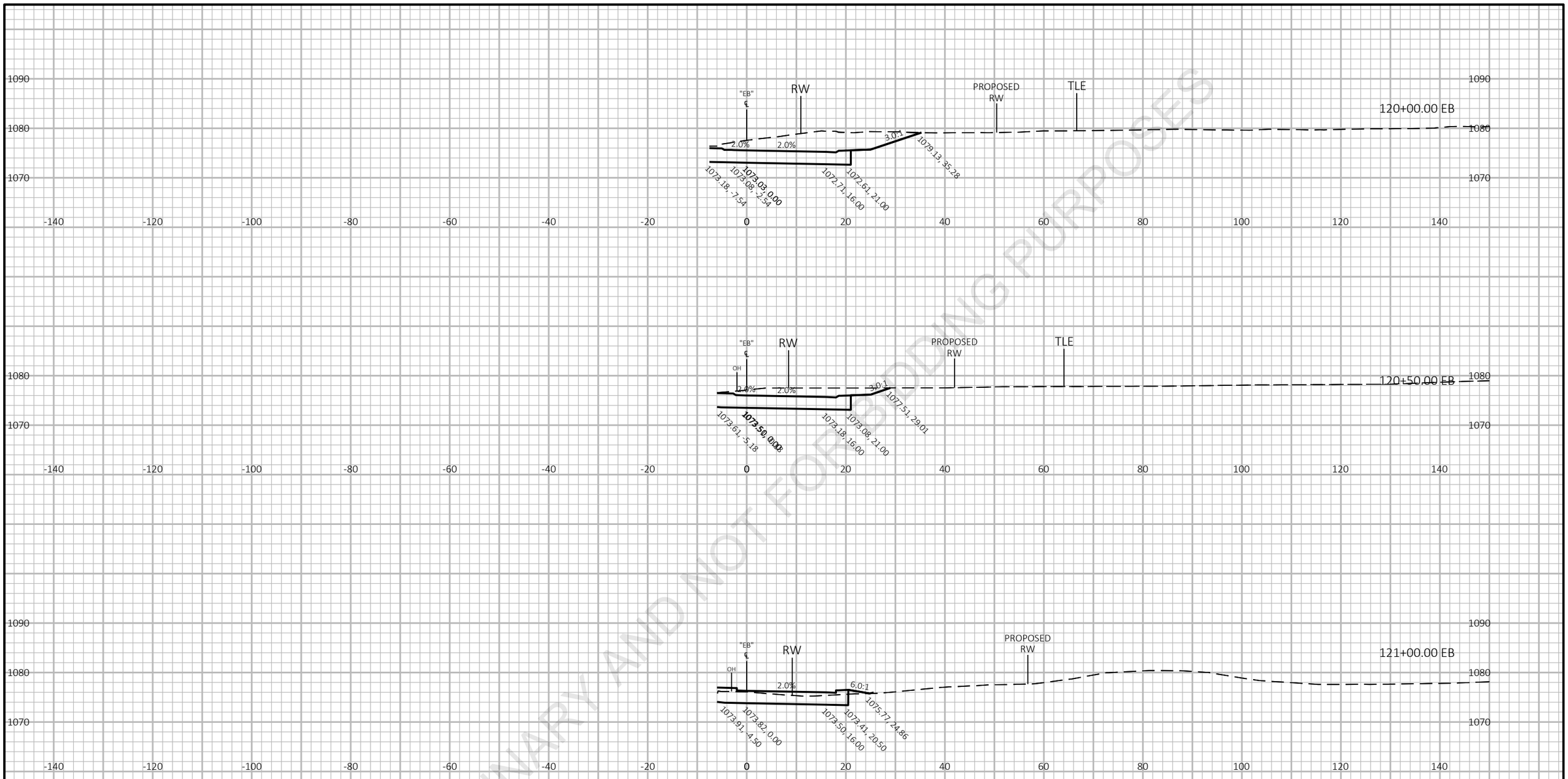
PRELIMINARY AND NOT FOR BIDDING PURPOSES

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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: EB USH 51 WEST LEG	SHEET	E

FILE NAME : N:\PDS\C3D\60200000\SHEETSPLAN\090201_XS.DWG
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PLOT BY : PAYNE, GREGORY A
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49



PRELIMINARY AND NOT FOR BIDDING PURPOSES

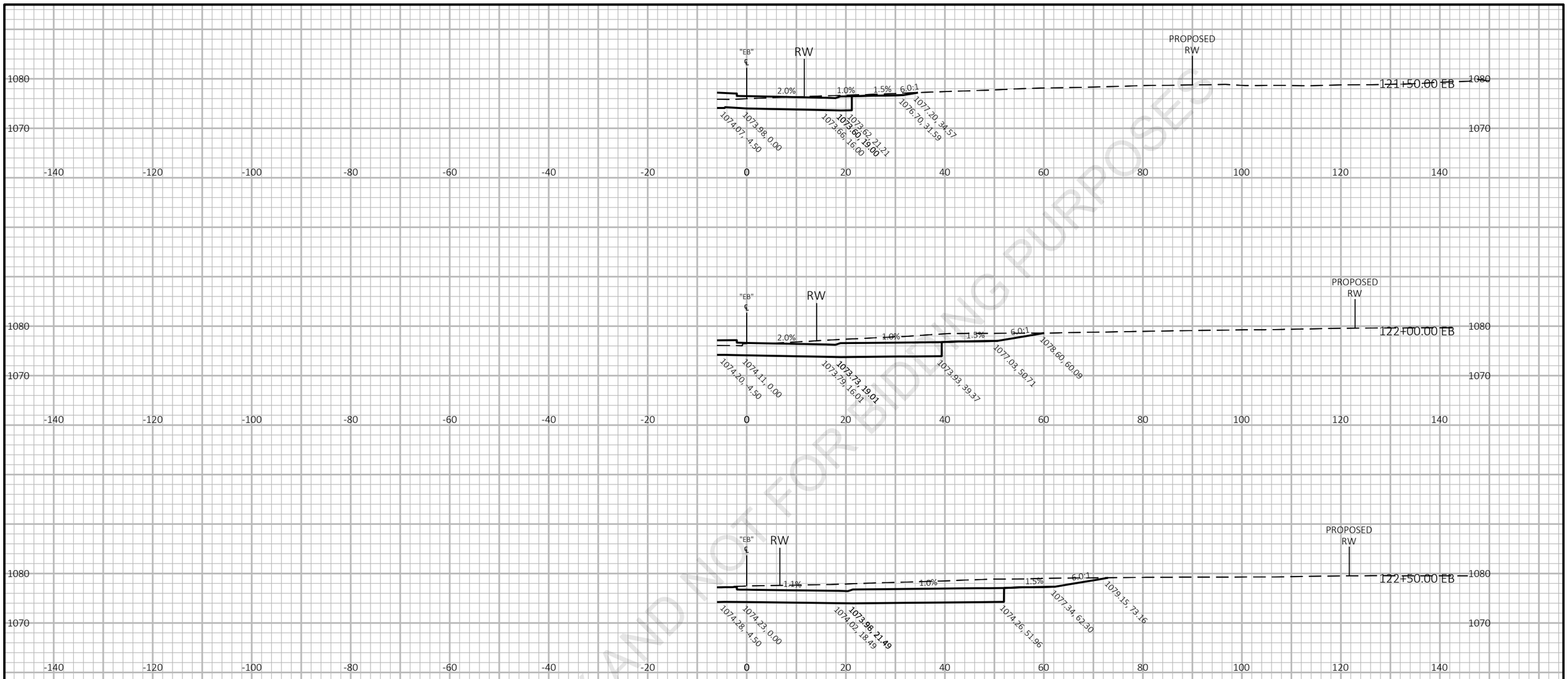
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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: EB USH 51 WEST LEG	SHEET	E

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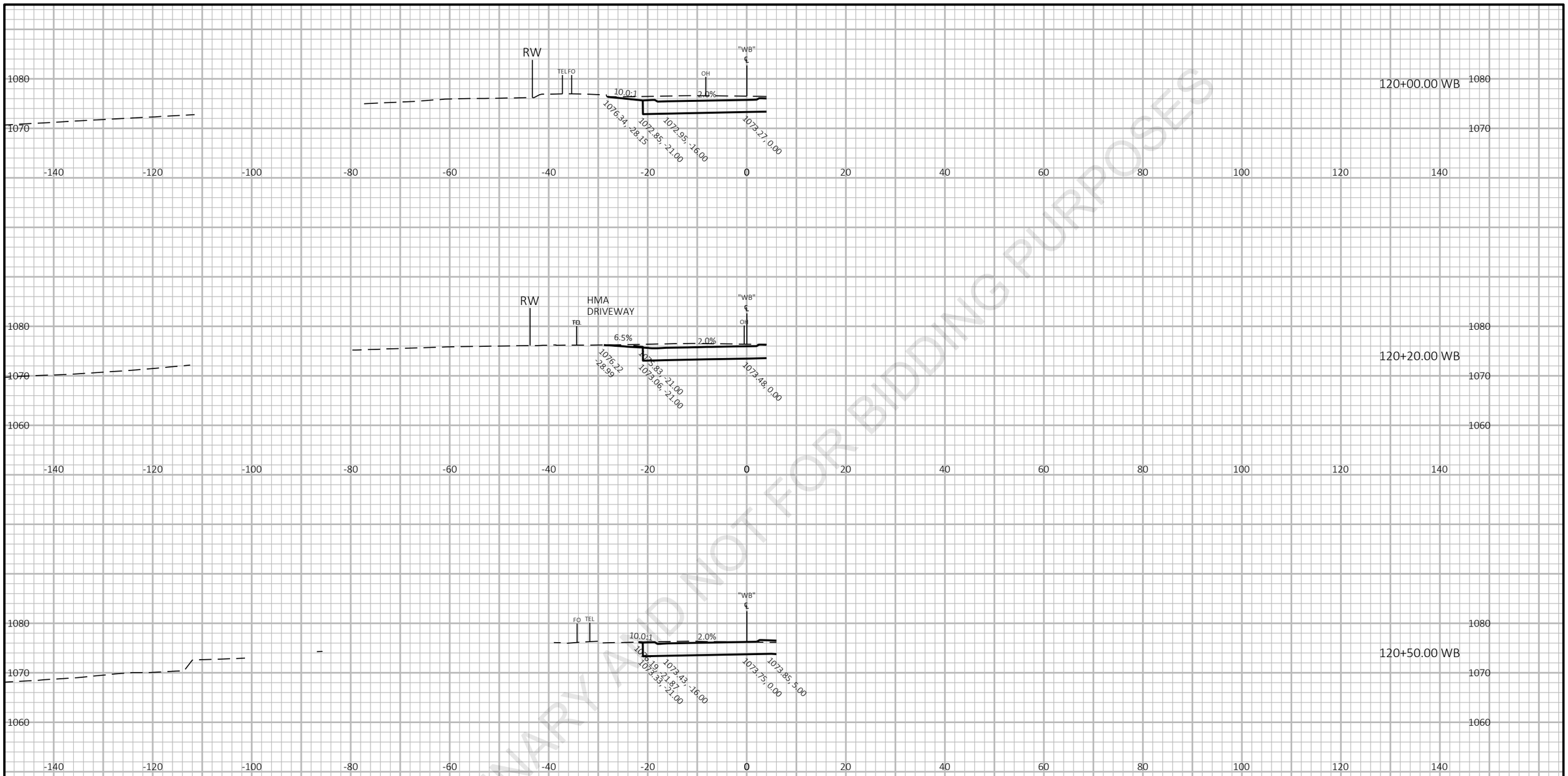
PRELIMINARY AND NOT FOR BIDDING PURPOSES

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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: EB USH 51 WEST LEG	SHEET	E

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PLOT BY : PAYNE, GREGORY A
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49



PRELIMINARY AND NOT FOR BIDDING PURPOSES

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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: WB USH 51 WEST LEG	SHEET	E

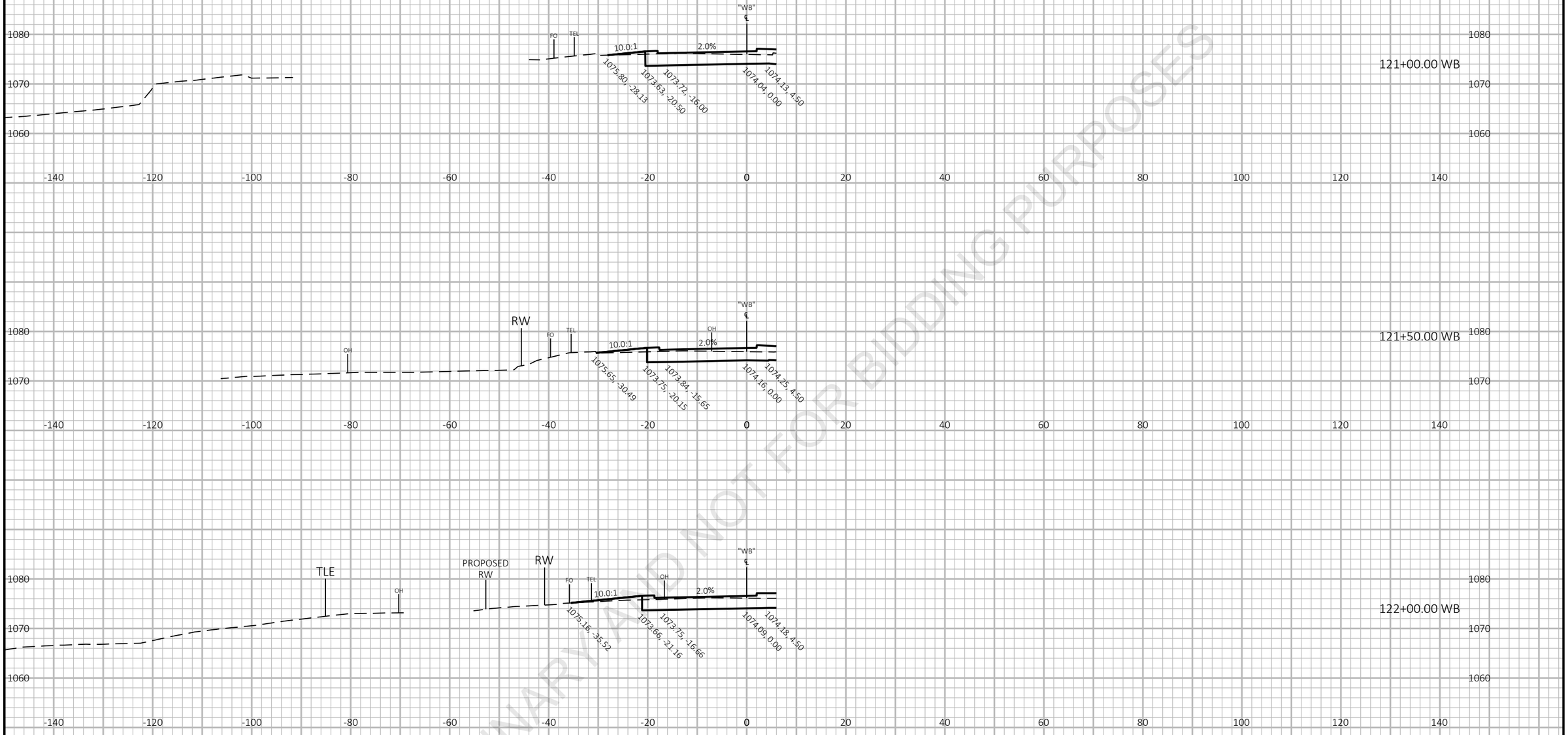
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PLOT BY : PAYNE, GREGORY A

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



PRELIMINARY AND NOT FOR BIDDING PURPOSES

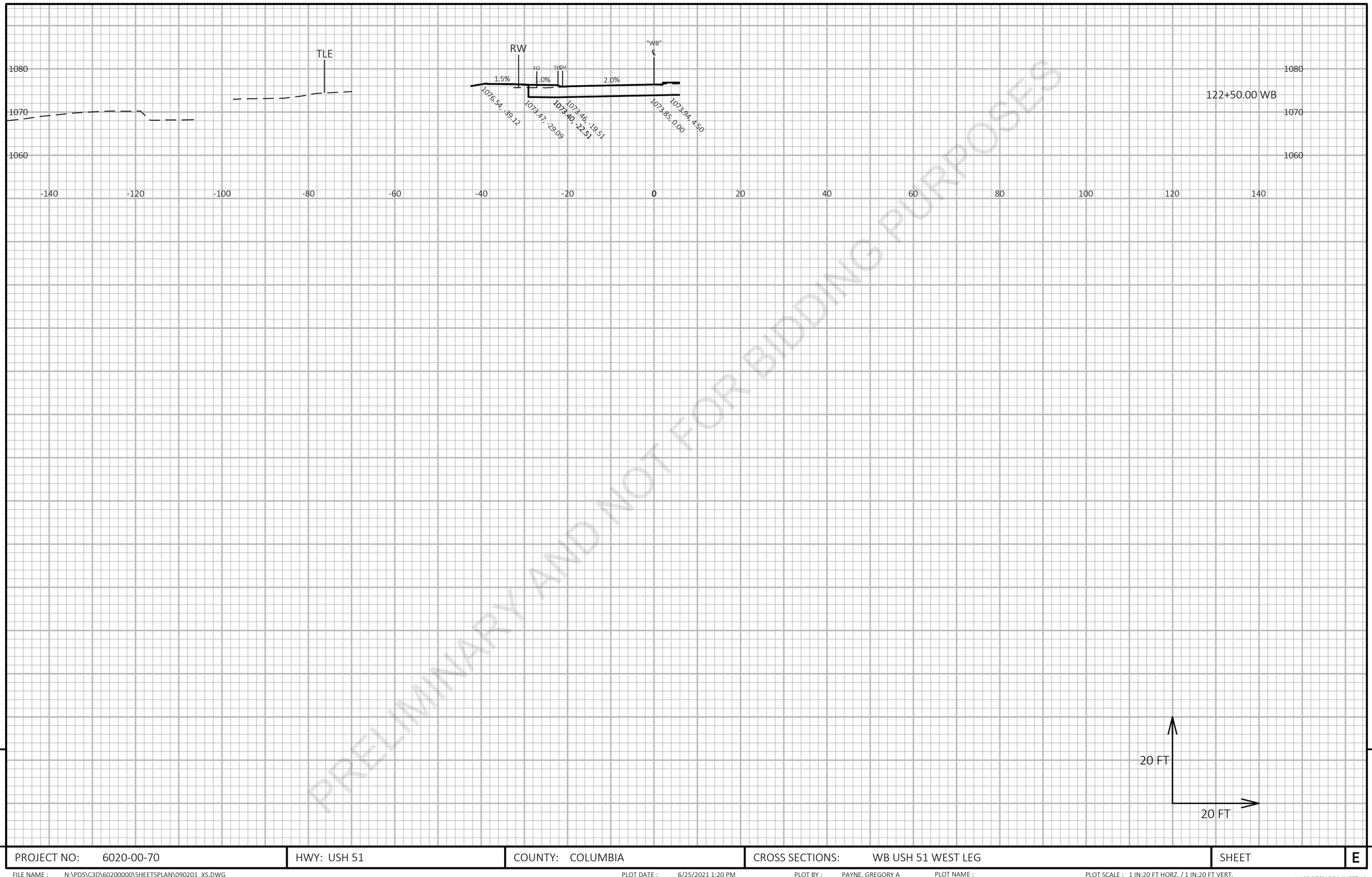
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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: WB USH 51 WEST LEG	SHEET E

FILE NAME : N:\PDS\C3D\60200000\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - STH 60 WB AlignmentSection Sheet - (2)

PLOT DATE : 6/25/2021 1:20 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



PRELIMINARY AND NOT FOR BIDDING PURPOSES

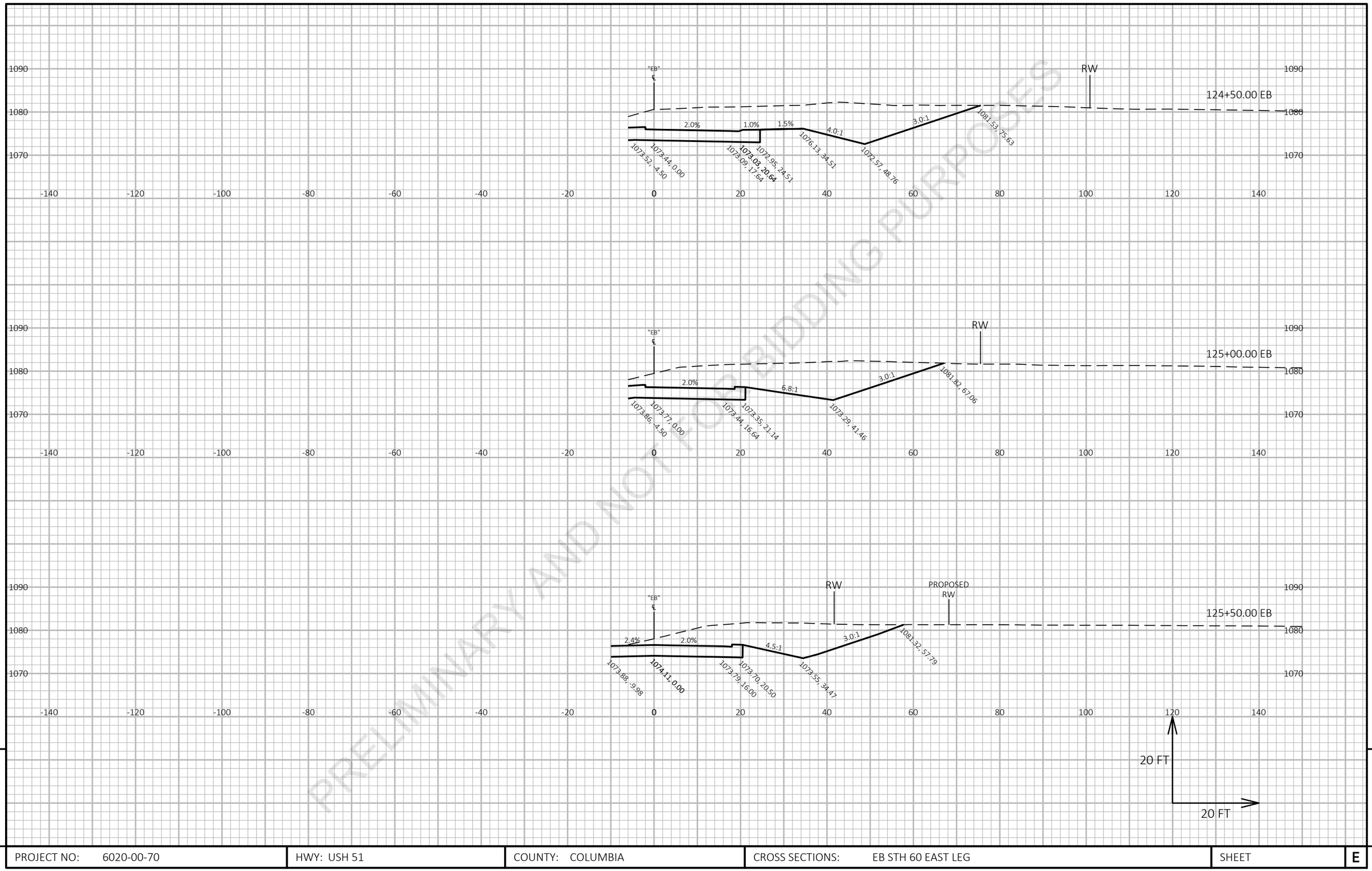
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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: WB USH 51 WEST LEG	SHEET	E

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LAYOUT NAME - STH 60 WB AlignmentSection Sheet - (3)

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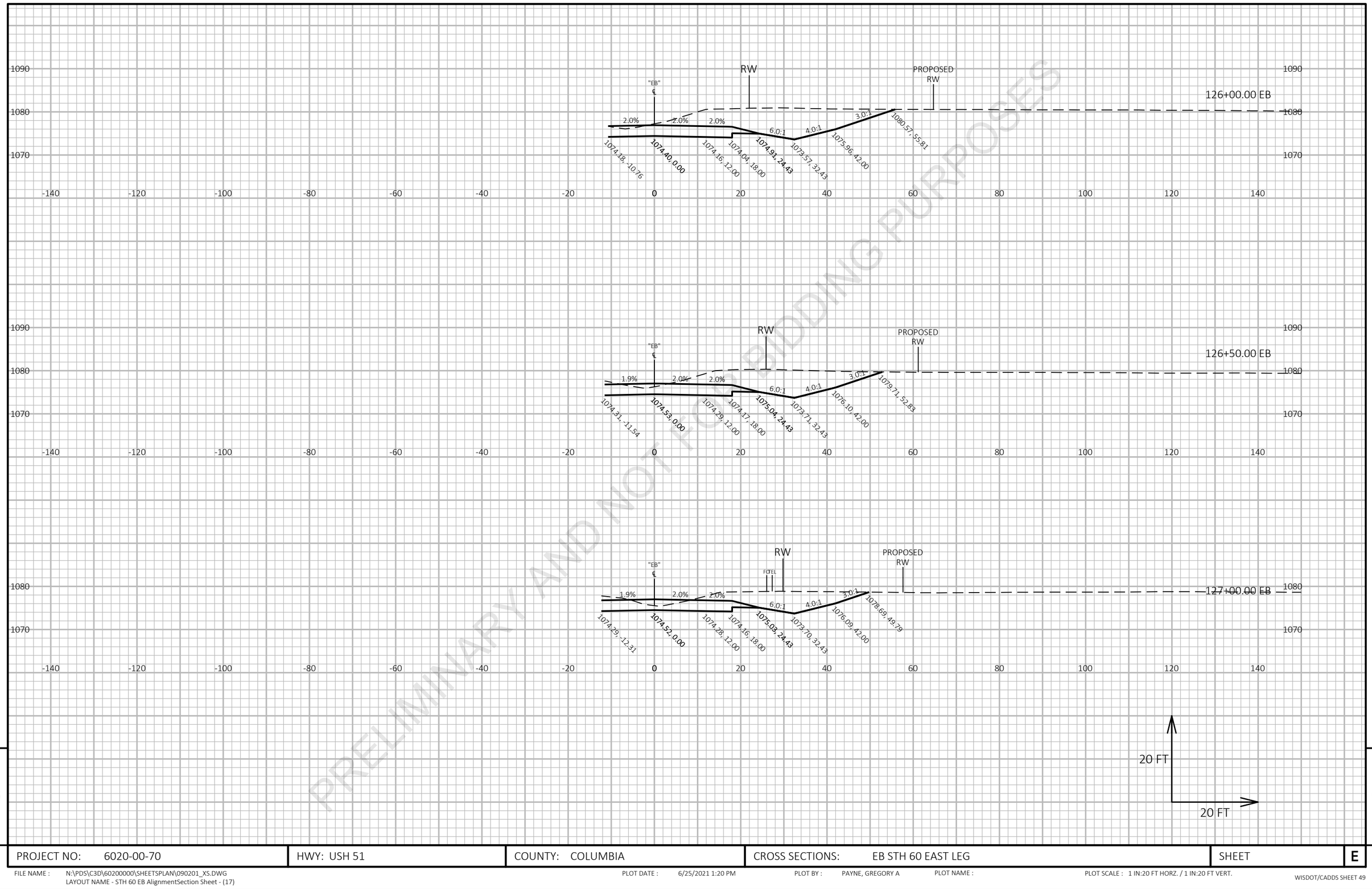


PRELIMINARY AND NOT FOR BIDDING PURPOSES

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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: EB STH 60 EAST LEG	SHEET	E



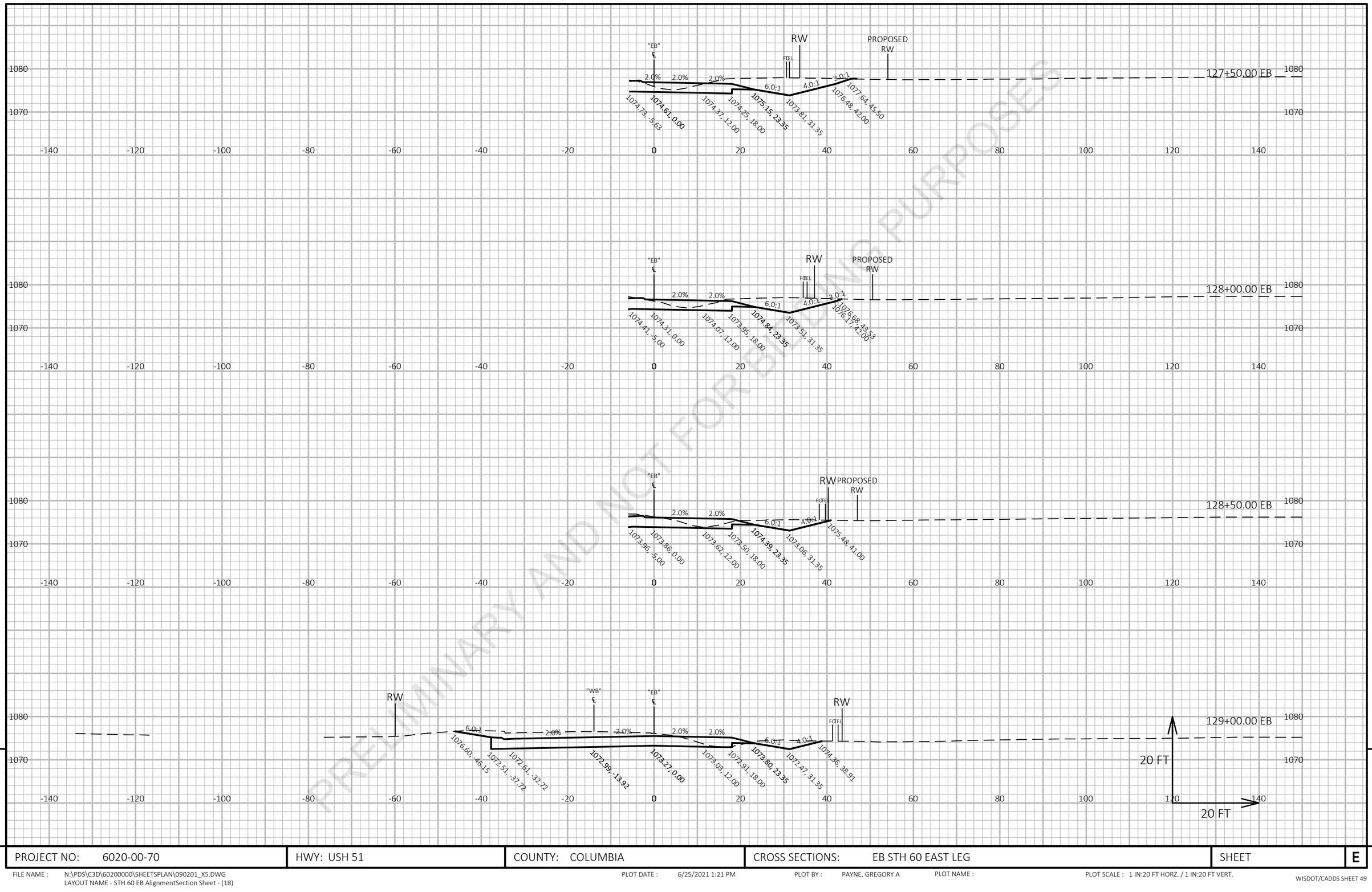
PRELIMINARY AND NOT FOR BIDDING PURPOSES

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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: EB STH 60 EAST LEG	SHEET E

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LAYOUT NAME - STH 60 EB AlignmentSection Sheet - (17)
PLOT DATE : 6/25/2021 1:20 PM
PLOT BY : PAYNE, GREGORY A
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49



PRELIMINARY AND NOT FOR BIDDING PURPOSES

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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: EB STH 60 EAST LEG	SHEET	E

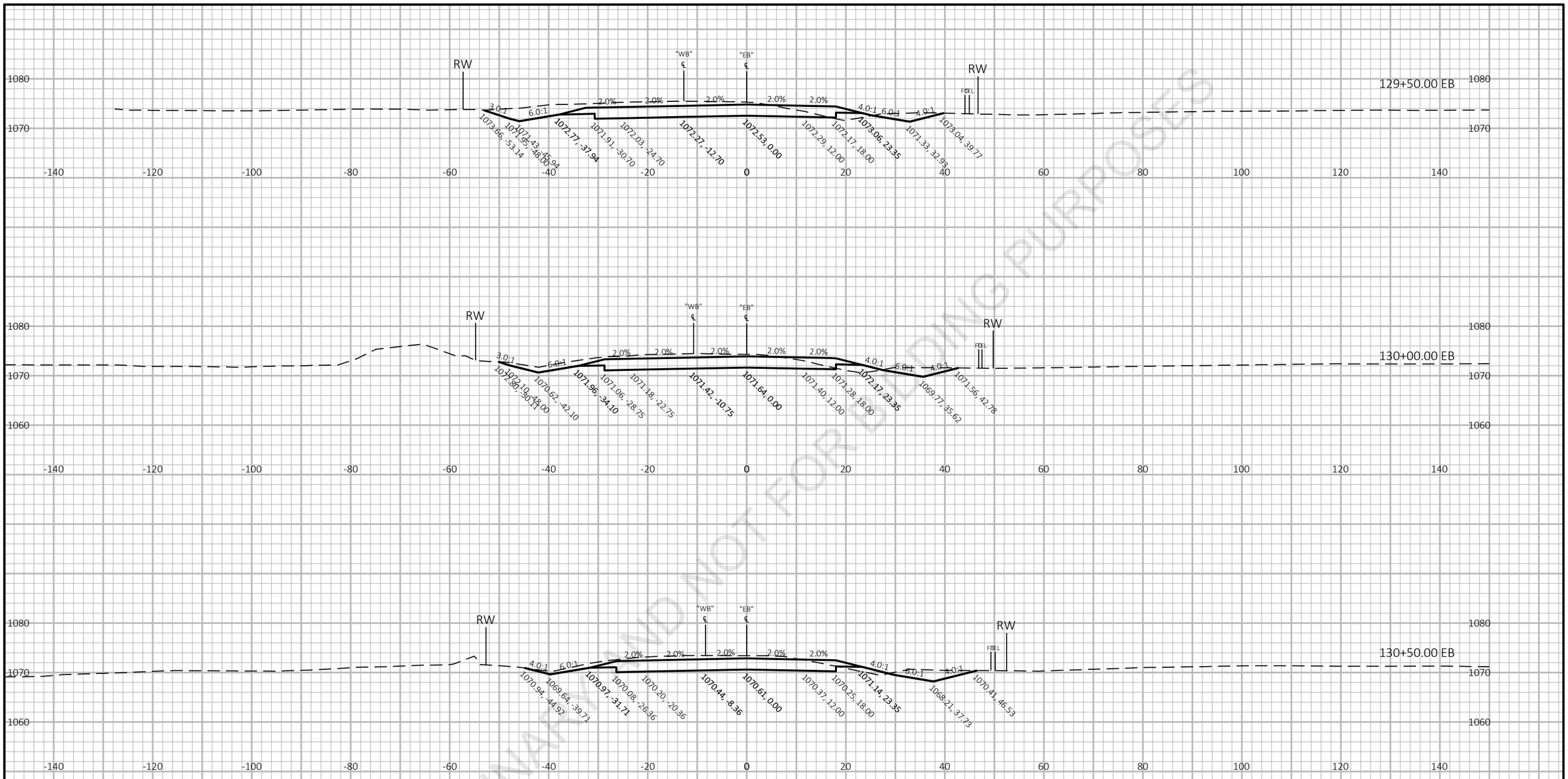
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LAYOUT NAME - STH 60 EB AlignmentSection Sheet - (18)

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PLOT BY : PAYNE, GREGORY A

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



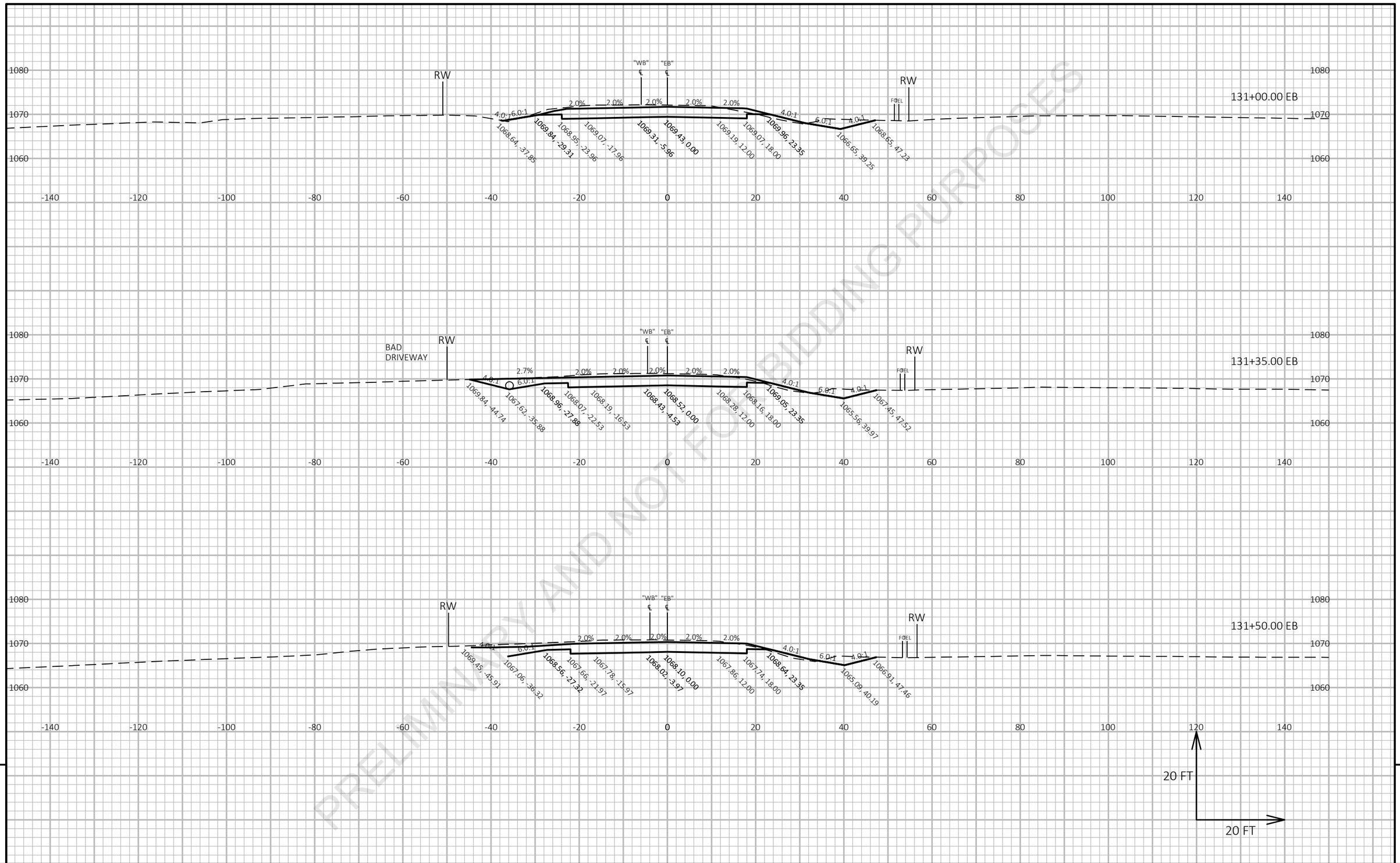
PRELIMINARY AND NOT FOR BIDDING PURPOSES

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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: EB STH 60 EAST LEG	SHEET E

FILE NAME : N:\PDS\C3D\60200000\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - STH 60 EB AlignmentSection Sheet - (19)
PLOT DATE : 6/25/2021 1:21 PM
PLOT BY : PAYNE, GREGORY A
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49



PRELIMINARY AND NOT FOR BIDDING PURPOSES

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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: EB STH 60 EAST LEG	SHEET	E

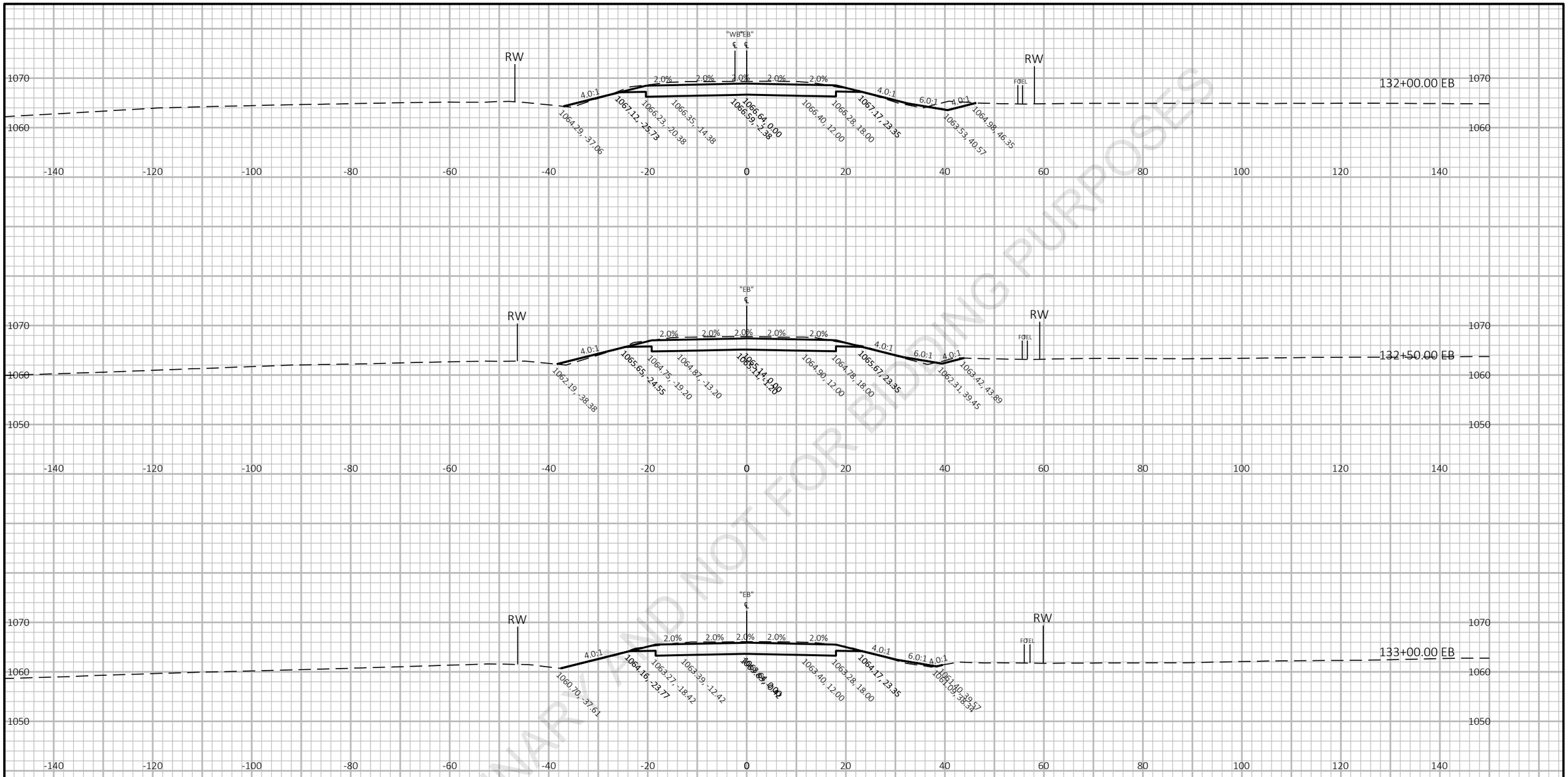
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PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



PRELIMINARY AND NOT FOR BIDDING PURPOSES

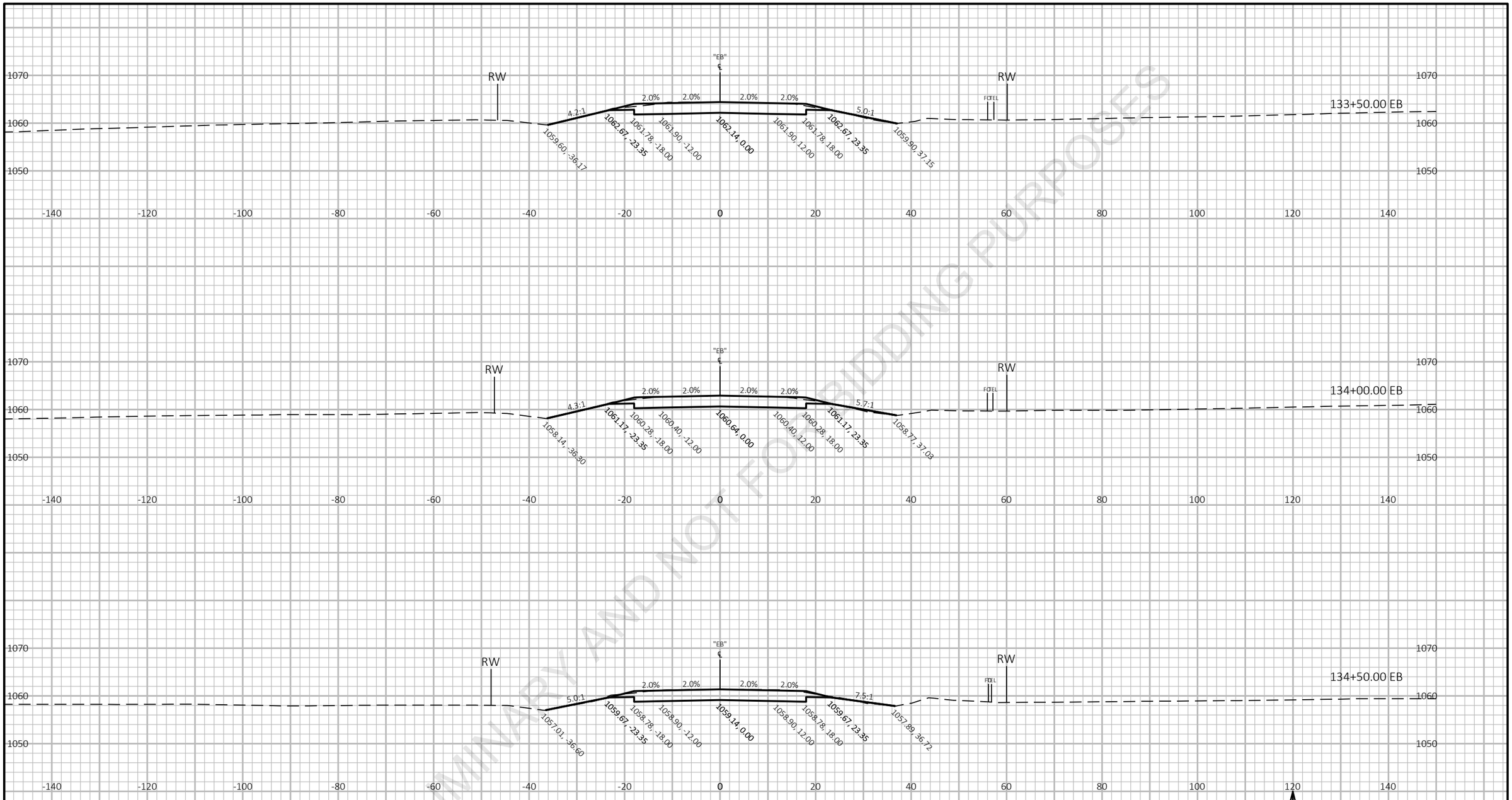
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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: EB STH 60 EAST LEG	SHEET E

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LAYOUT NAME - STH 60 EB AlignmentSection Sheet - (21)

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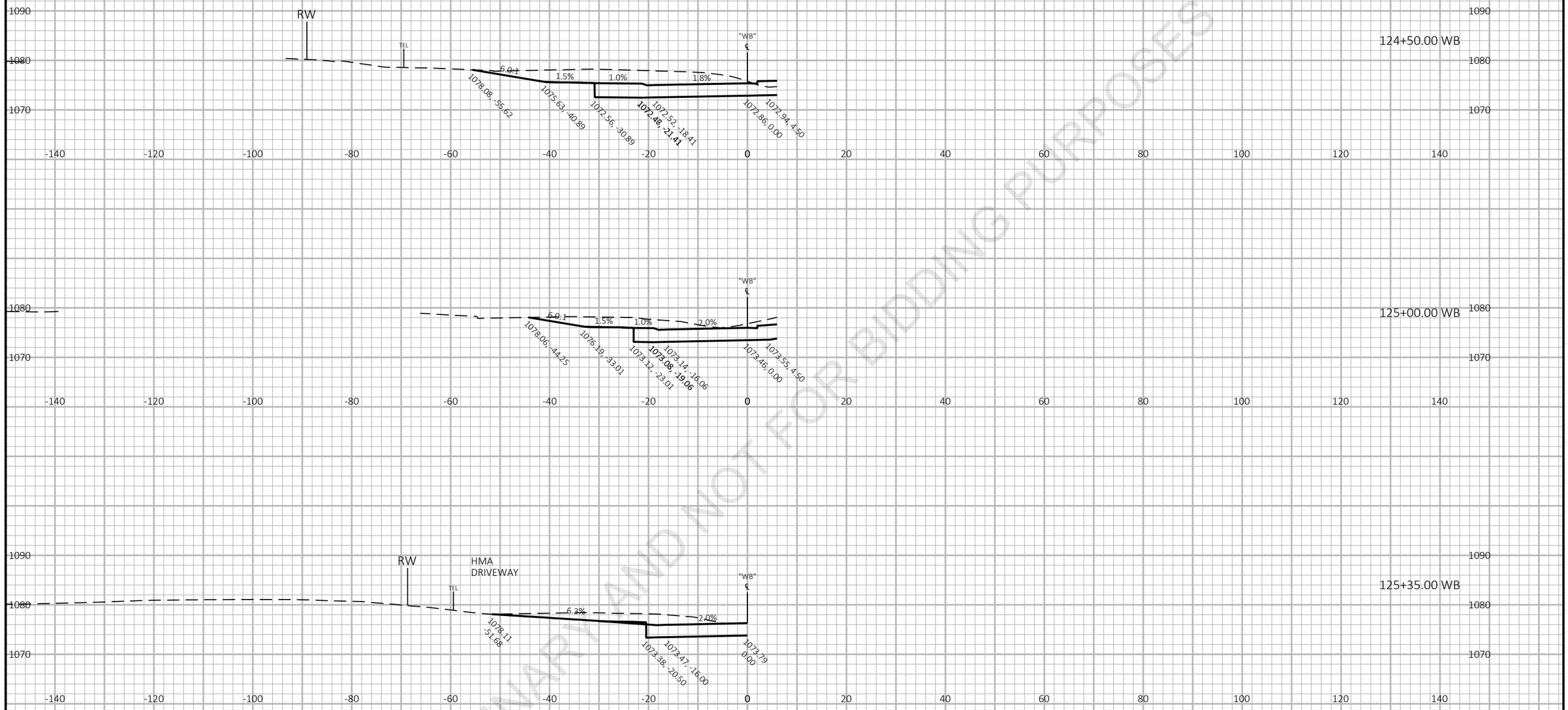


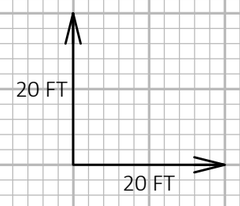
PRELIMINARY AND NOT FOR BIDDING PURPOSES

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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: EB STH 60 EAST LEG	SHEET E





PRELIMINARY AND NOT FOR BIDDING PURPOSES

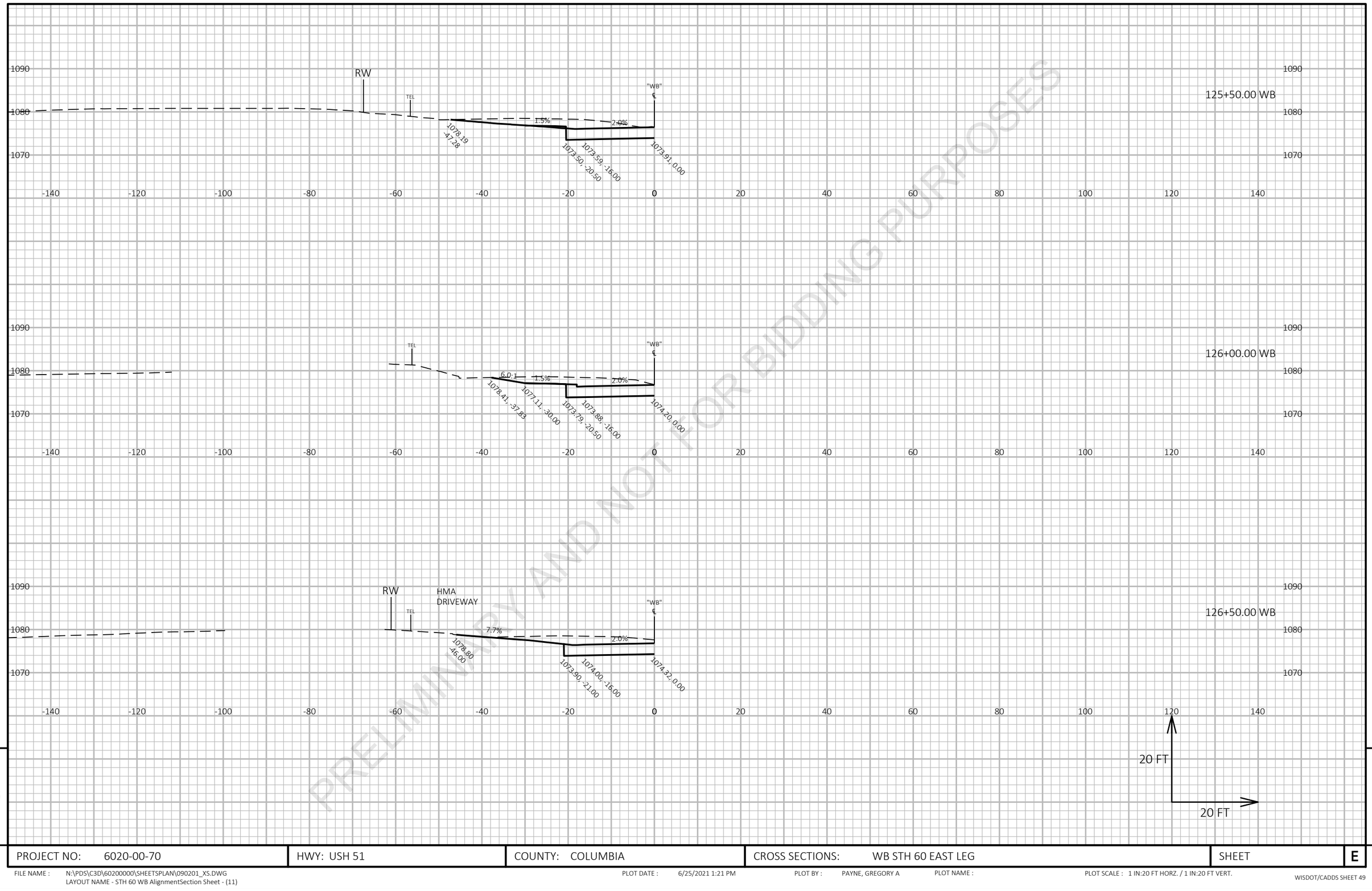
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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: WB STH 60 EAST LEG	SHEET E

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LAYOUT NAME - STH 60 WB AlignmentSection Sheet - (10)

PLOT DATE : 6/25/2021 1:21 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



PRELIMINARY AND NOT FOR BIDDING PURPOSES

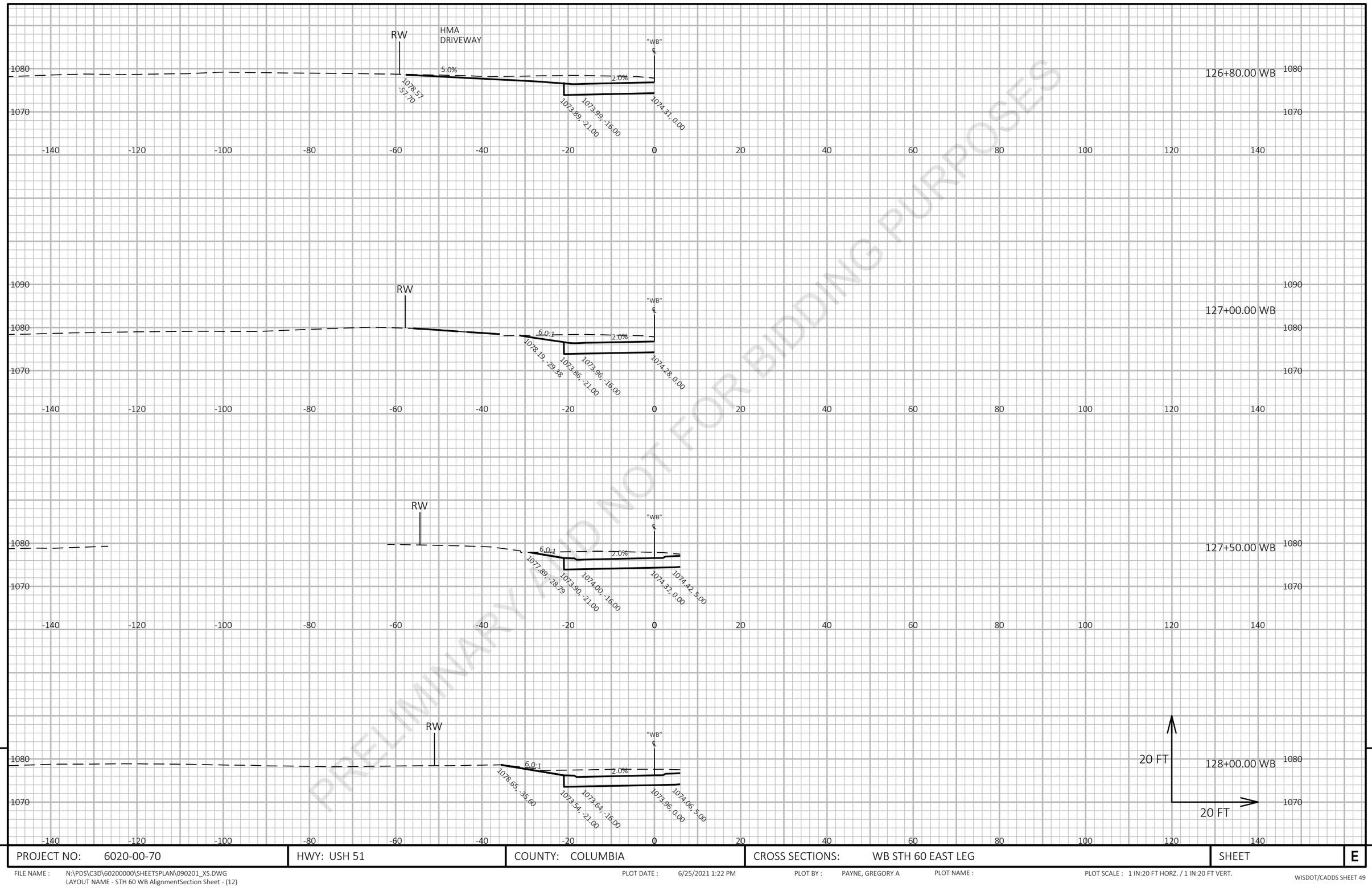
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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: WB STH 60 EAST LEG	SHEET	E

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LAYOUT NAME - STH 60 WB AlignmentSection Sheet - (11)

PLOT DATE : 6/25/2021 1:21 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



PRELIMINARY AND NOT FOR BIDDING PURPOSES

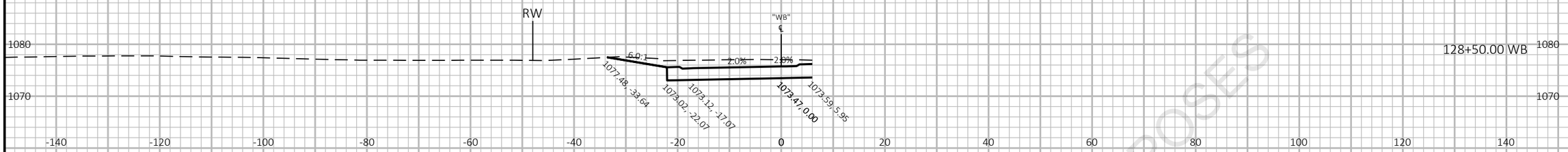
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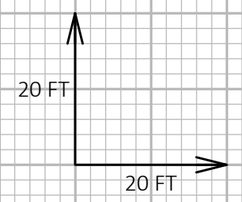
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LAYOUT NAME - STH 60 WB AlignmentSection Sheet - (12)

PLOT DATE : 6/25/2021 1:22 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

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PRELIMINARY AND NOT FOR BIDDING PURPOSES



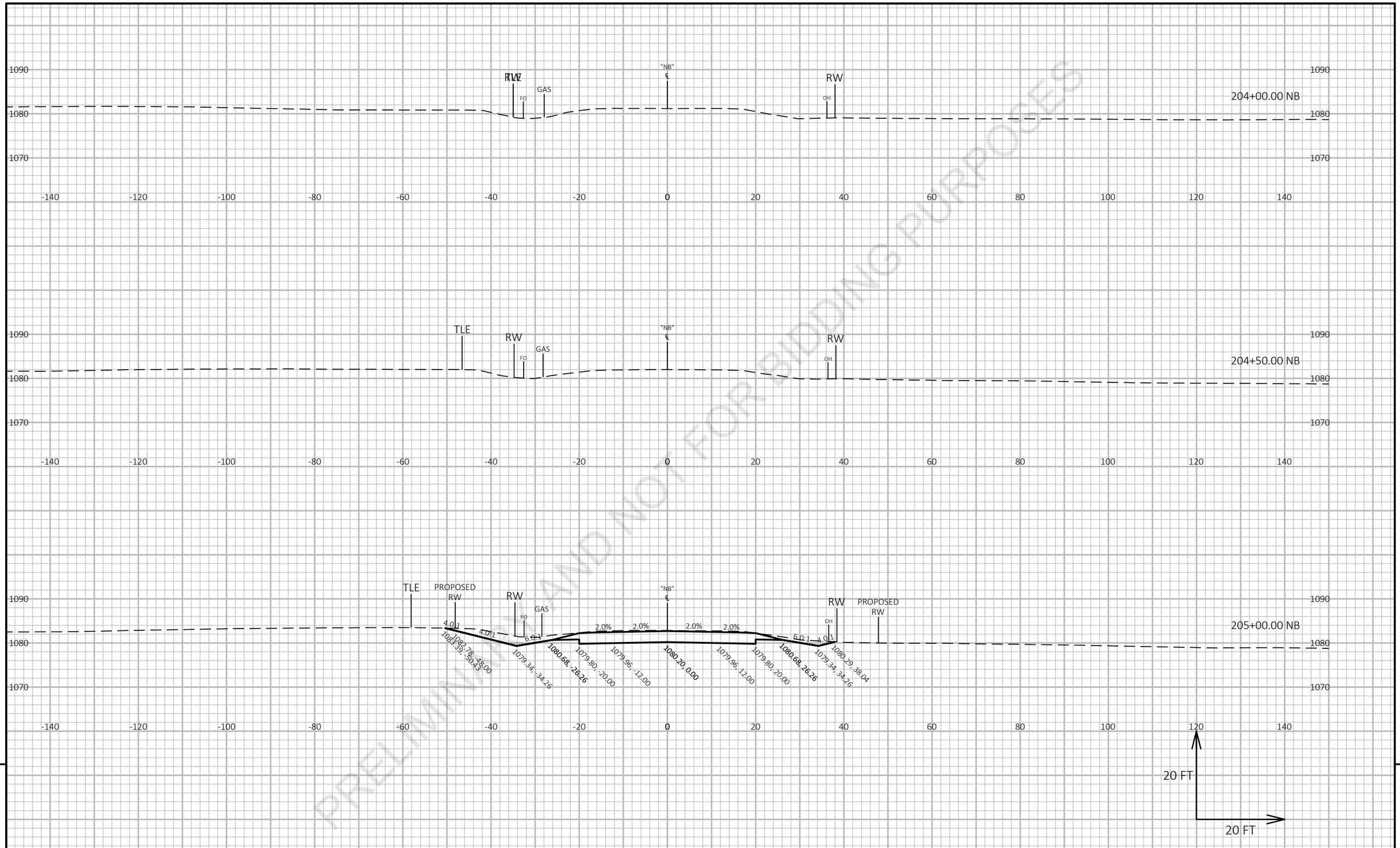
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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: WB STH 60 EAST LEG	SHEET	E

FILE NAME : N:\PDS\C3D\60200000\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - STH 60 WB AlignmentSection Sheet - (13)

PLOT DATE : 6/25/2021 1:22 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



PRELIMINARY AND NOT FOR BIDDING PURPOSES

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9

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: NB USH 51 SOUTH LEG	SHEET E

FILE NAME : N:\PDS\C3D\60200000\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - STH 22 NB AlignmentSection Sheet - (1)

PLOT DATE : 6/25/2021 1:22 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

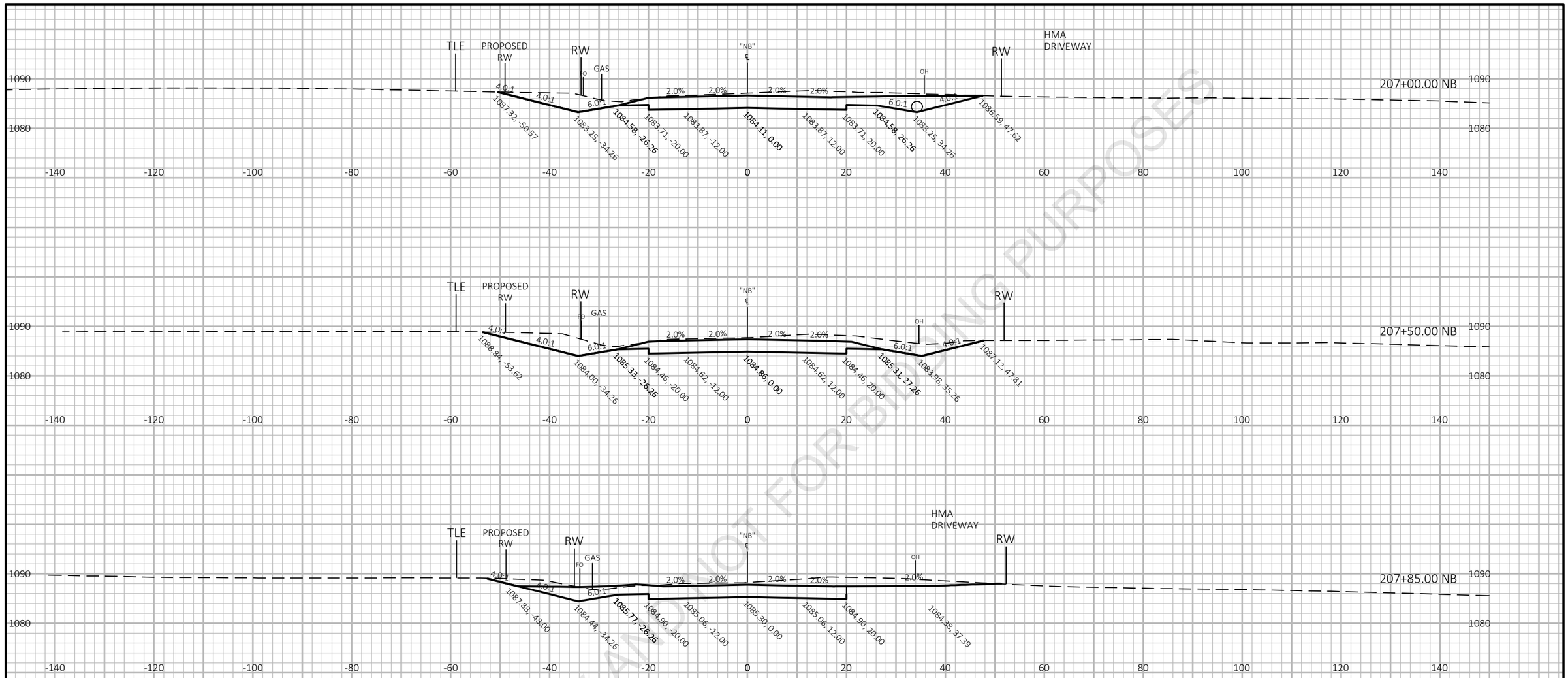


PRELIMINARY AND NOT FOR BIDDING PURPOSES

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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: NB USH 51 SOUTH LEG	SHEET E



PRELIMINARY AND NOT FOR BIDDING PURPOSES

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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: NB USH 51 SOUTH LEG	SHEET	E

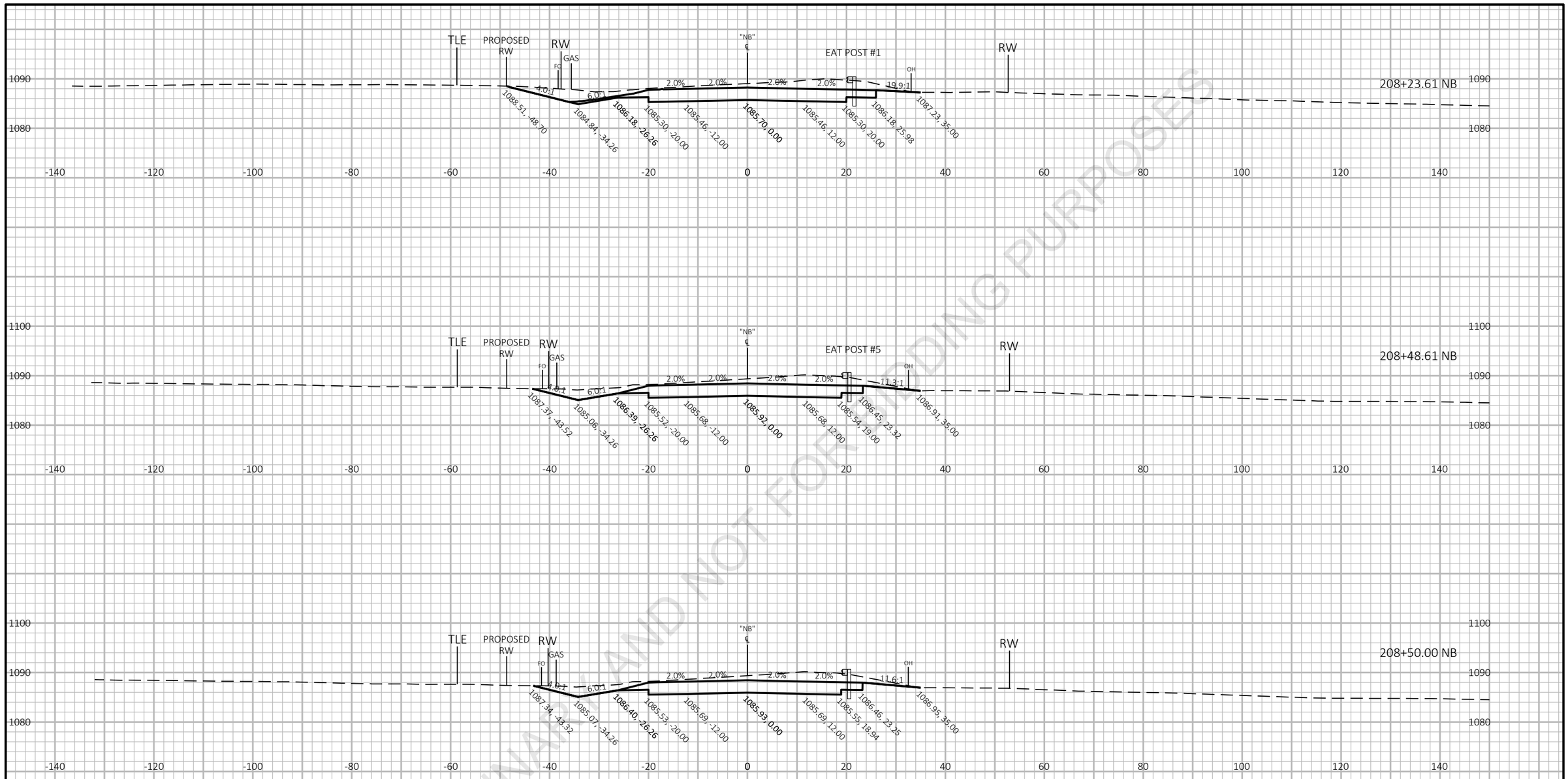
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LAYOUT NAME - STH 22 NB AlignmentSection Sheet - (3)

PLOT DATE : 6/25/2021 1:22 PM

PLOT BY : PAYNE, GREGORY A

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



PRELIMINARY AND NOT FOR BIDDING PURPOSES

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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: NB USH 51 SOUTH LEG	SHEET	E

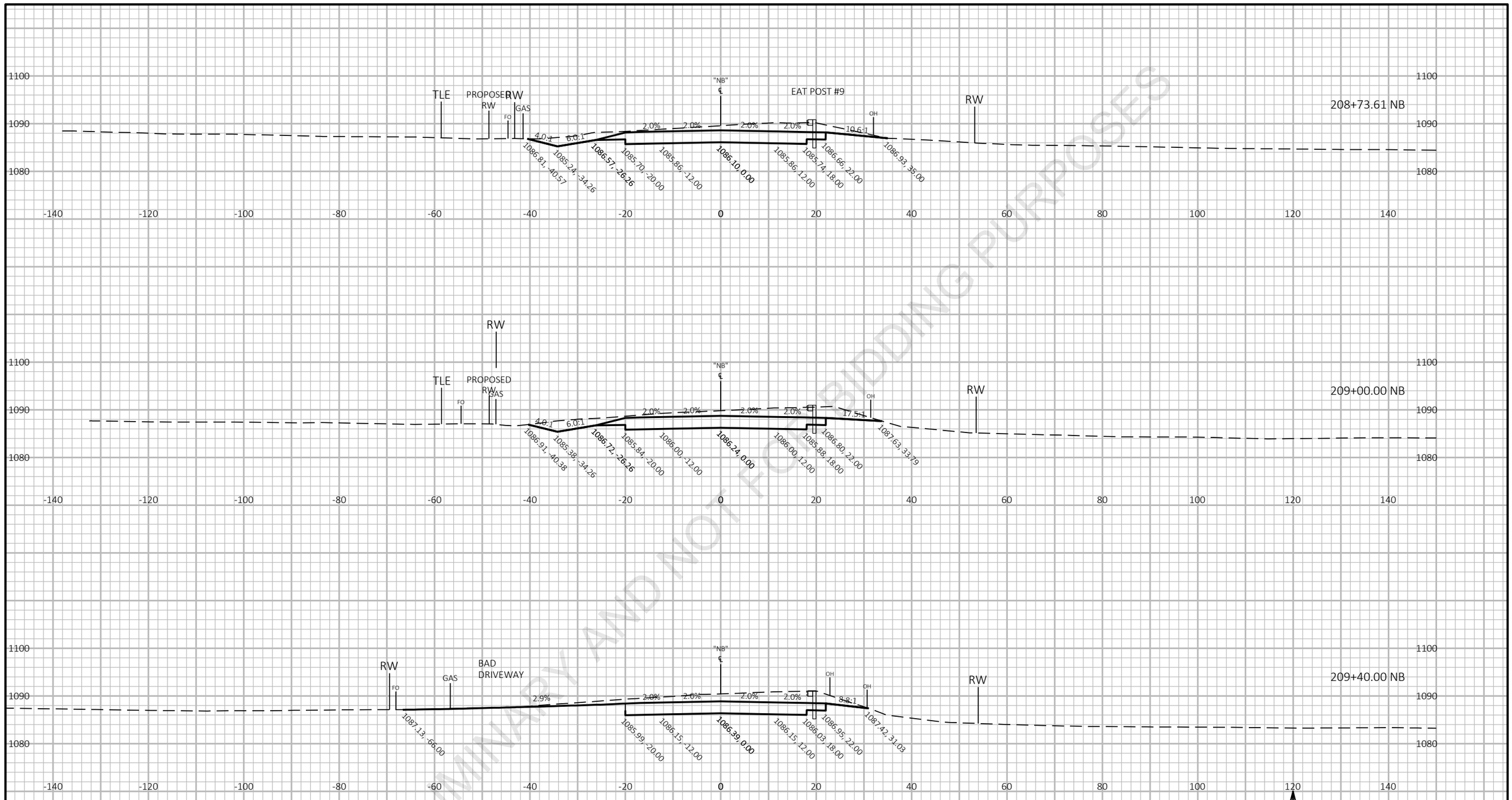
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LAYOUT NAME - STH 22 NB AlignmentSection Sheet - (4)

PLOT DATE : 6/25/2021 1:22 PM

PLOT BY : PAYNE, GREGORY A

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



PRELIMINARY AND NOT FOR BIDDING PURPOSES

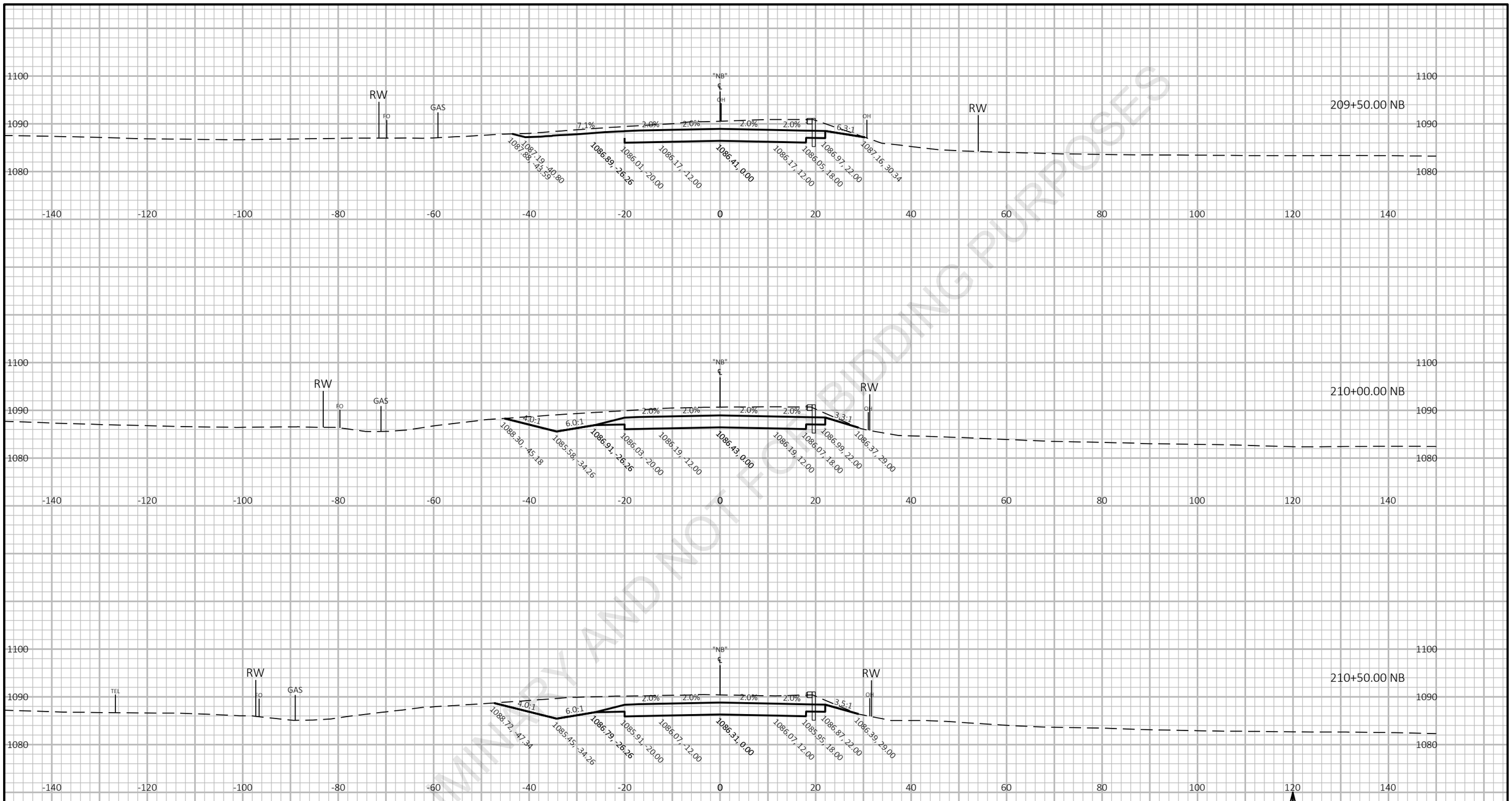
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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: NB USH 51 SOUTH LEG	SHEET E

FILE NAME : N:\PDS\C3D\60200000\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - STH 22 NB AlignmentSection Sheet - (5)

PLOT DATE : 6/25/2021 1:23 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



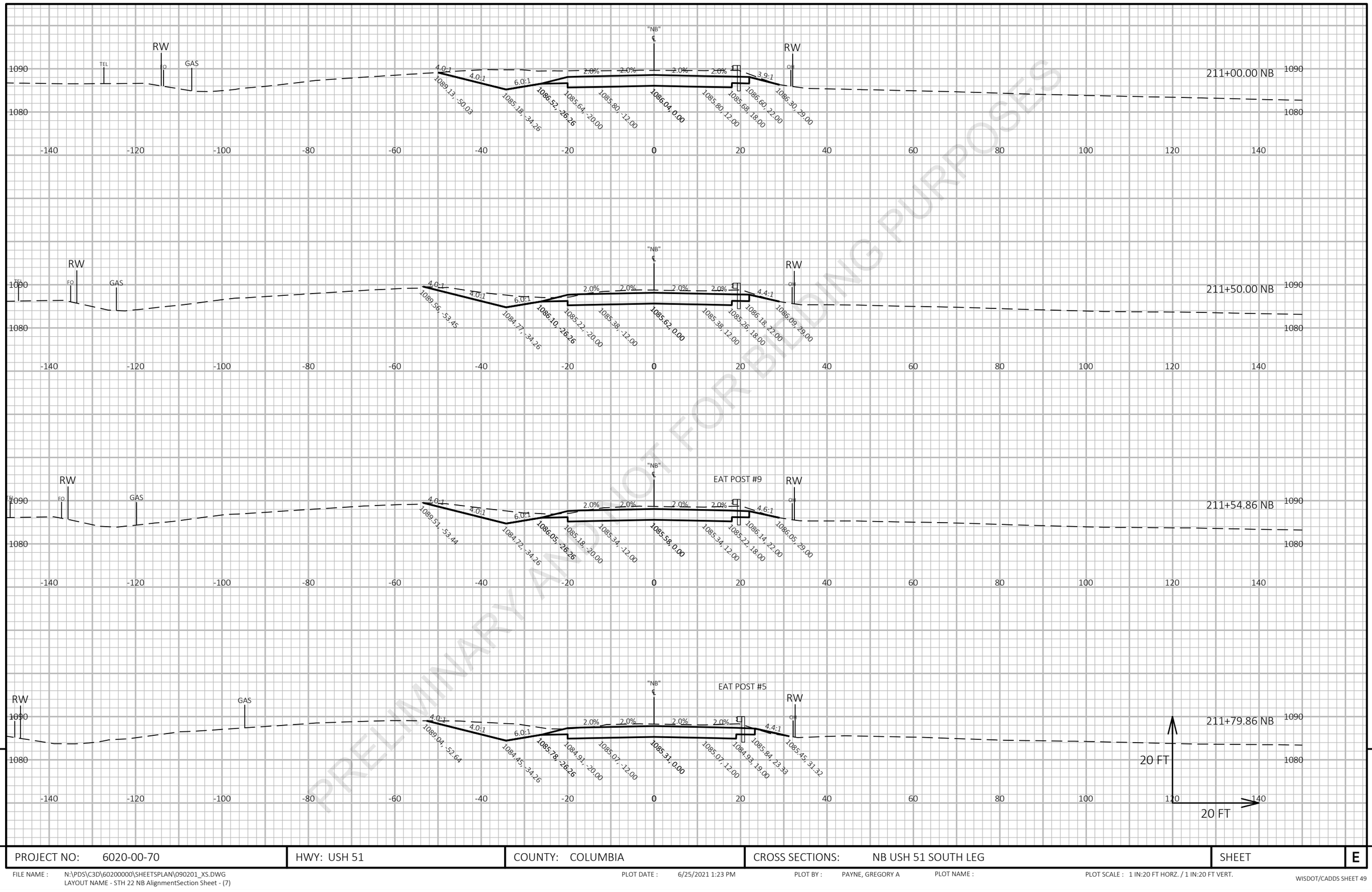
PRELIMINARY AND NOT FOR BIDDING PURPOSES

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: NB USH 51 SOUTH LEG	SHEET E

FILE NAME : N:\PDS\C3D\60200000\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - STH 22 NB AlignmentSection Sheet - (6)

PLOT DATE : 6/25/2021 1:23 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



PRELIMINARY AND NOT FOR BIDDING PURPOSES

9

9

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: NB USH 51 SOUTH LEG	SHEET	E

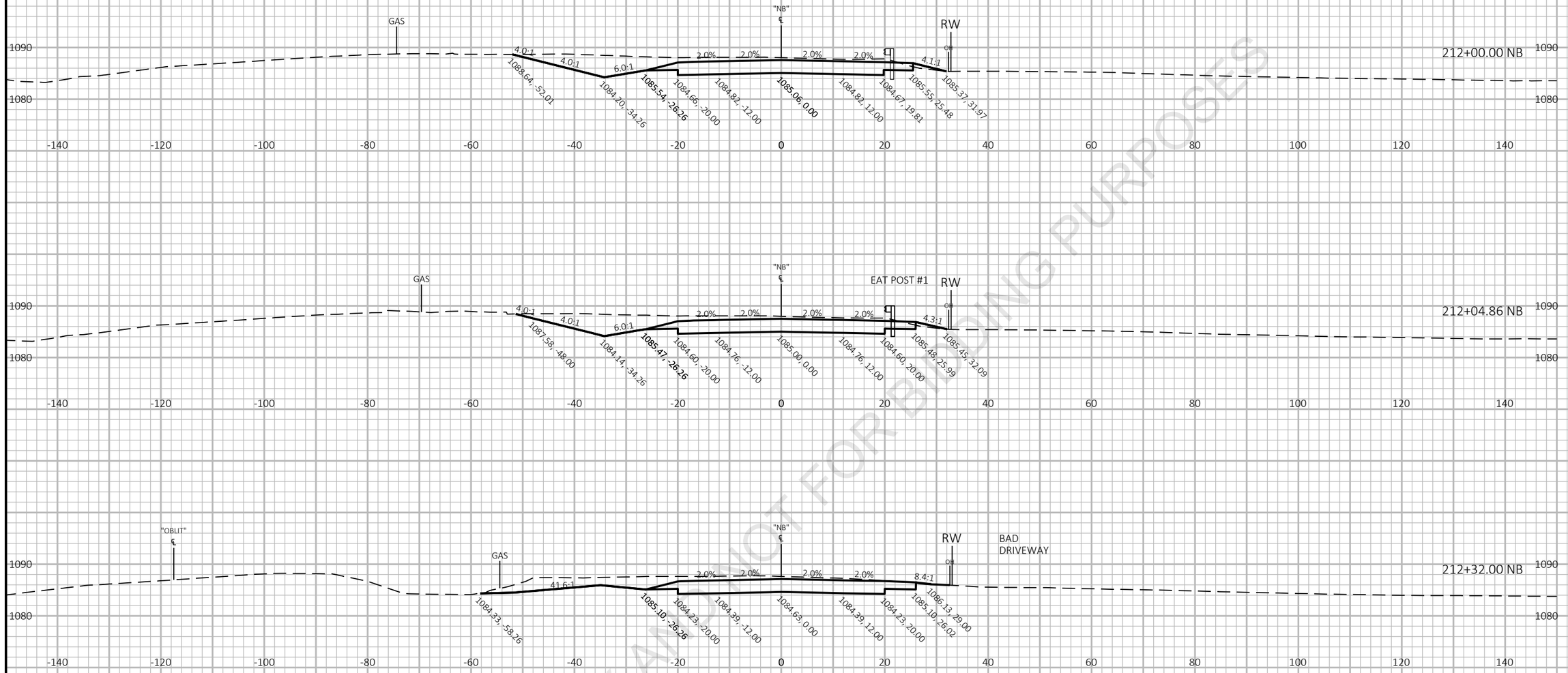
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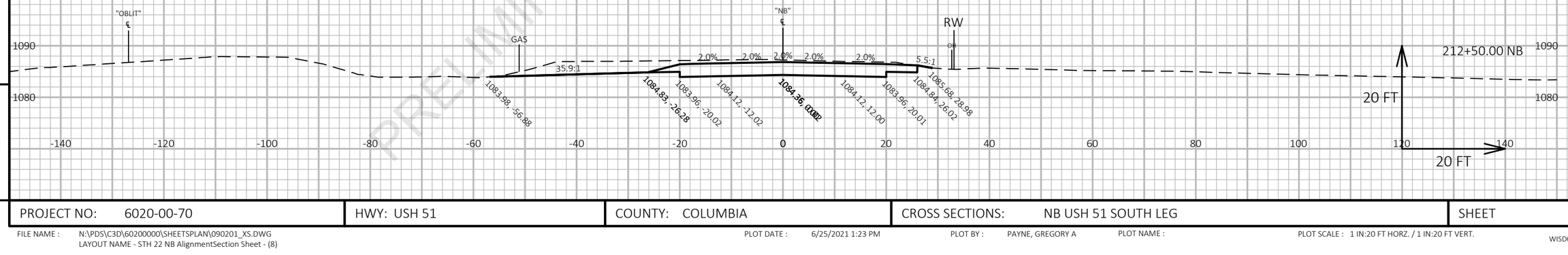
PLOT DATE : 6/25/2021 1:23 PM

PLOT BY : PAYNE, GREGORY A

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.





PRELIMINARY AND NOT FOR BIDDING PURPOSES

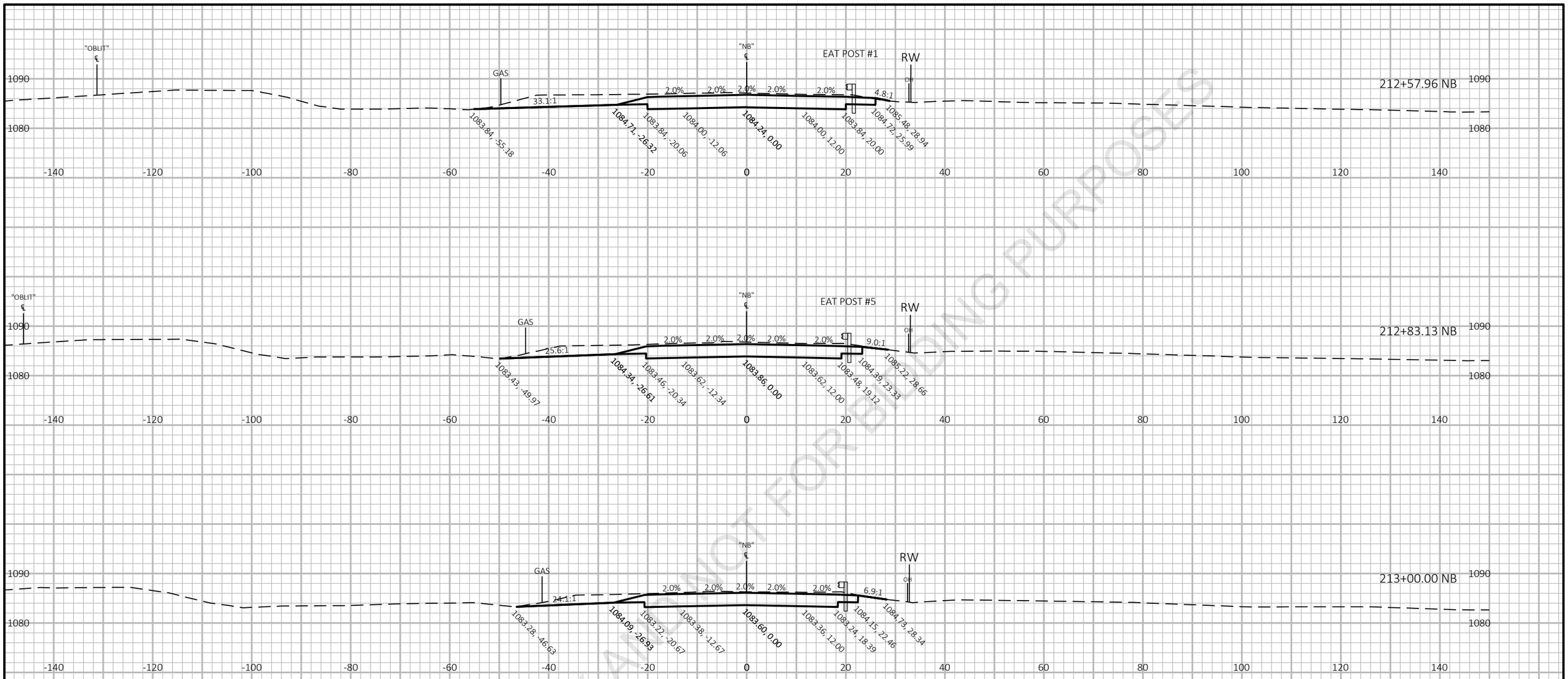
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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: NB USH 51 SOUTH LEG	SHEET	E

FILE NAME : N:\PDS\C3D\60200000\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - STH 22 NB AlignmentSection Sheet - (8)

PLOT DATE : 6/25/2021 1:23 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



PRELIMINARY AND NOT FOR BIDDING PURPOSES

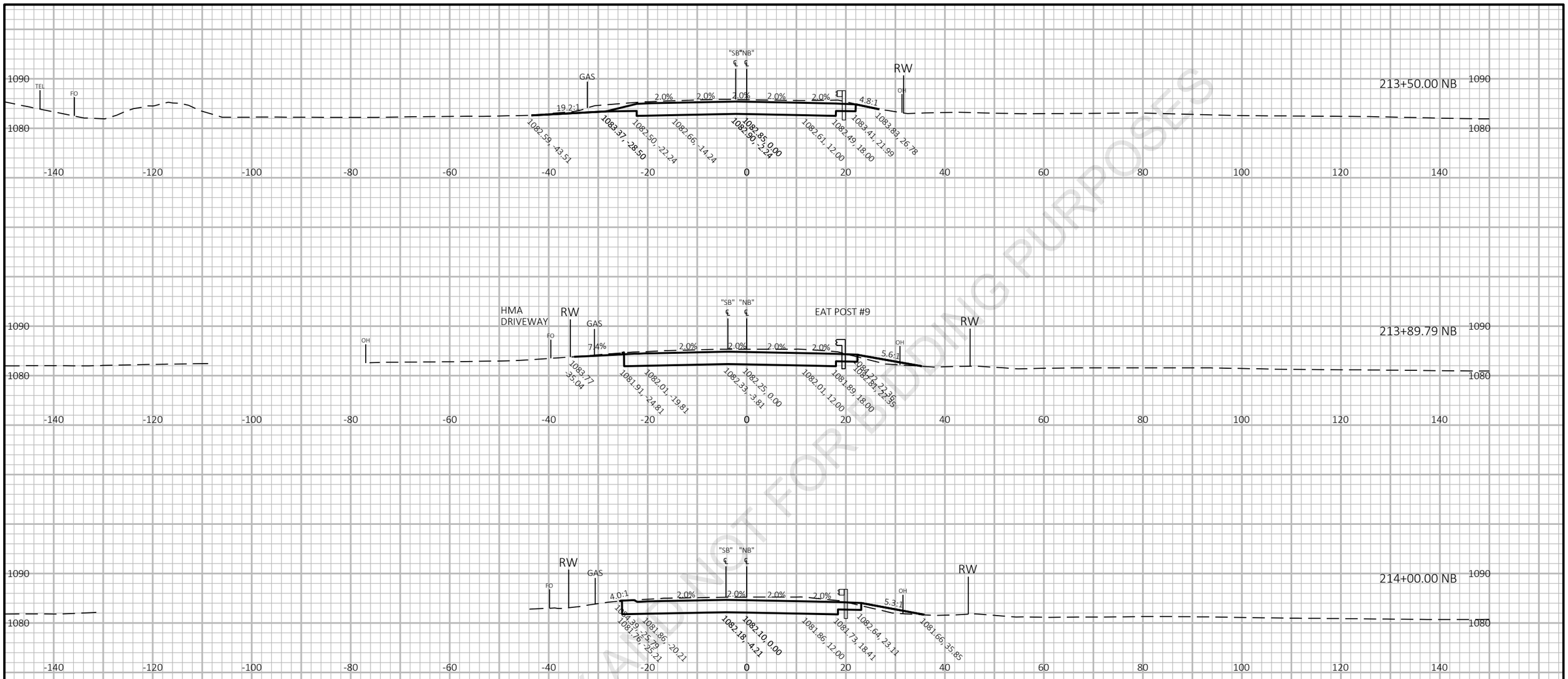
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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: NB USH 51 SOUTH LEG	SHEET	E

FILE NAME : N:\PDS\C3D\60200000\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - STH 22 NB AlignmentSection Sheet - (9)

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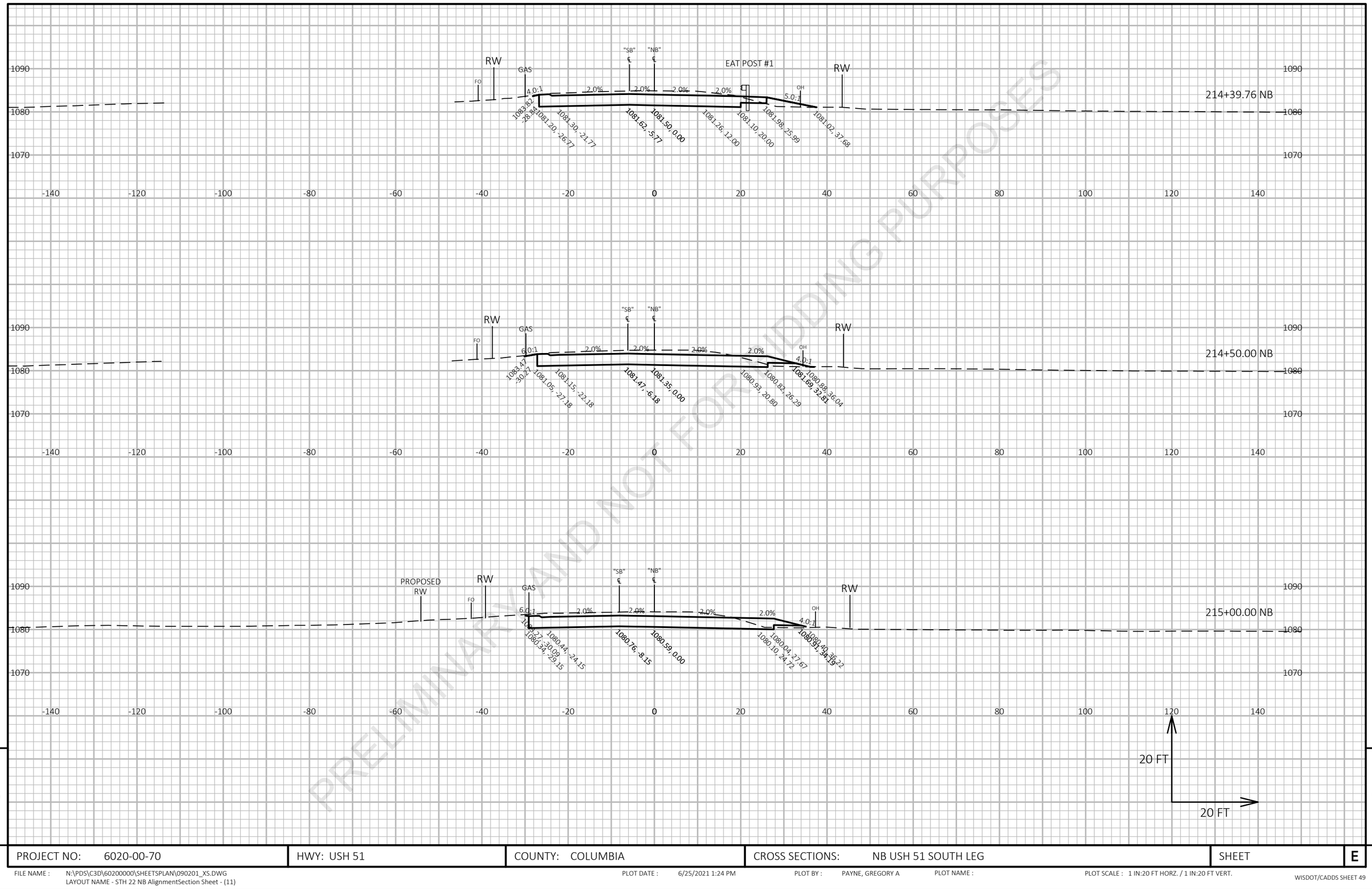
PRELIMINARY AND NOT FOR BIDDING PURPOSES

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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: NB USH 51 SOUTH LEG	SHEET	E

FILE NAME : N:\PDS\C3D\60200000\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - STH 22 NB AlignmentSection Sheet - (10)
PLOT DATE : 6/25/2021 1:24 PM
PLOT BY : PAYNE, GREGORY A
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49

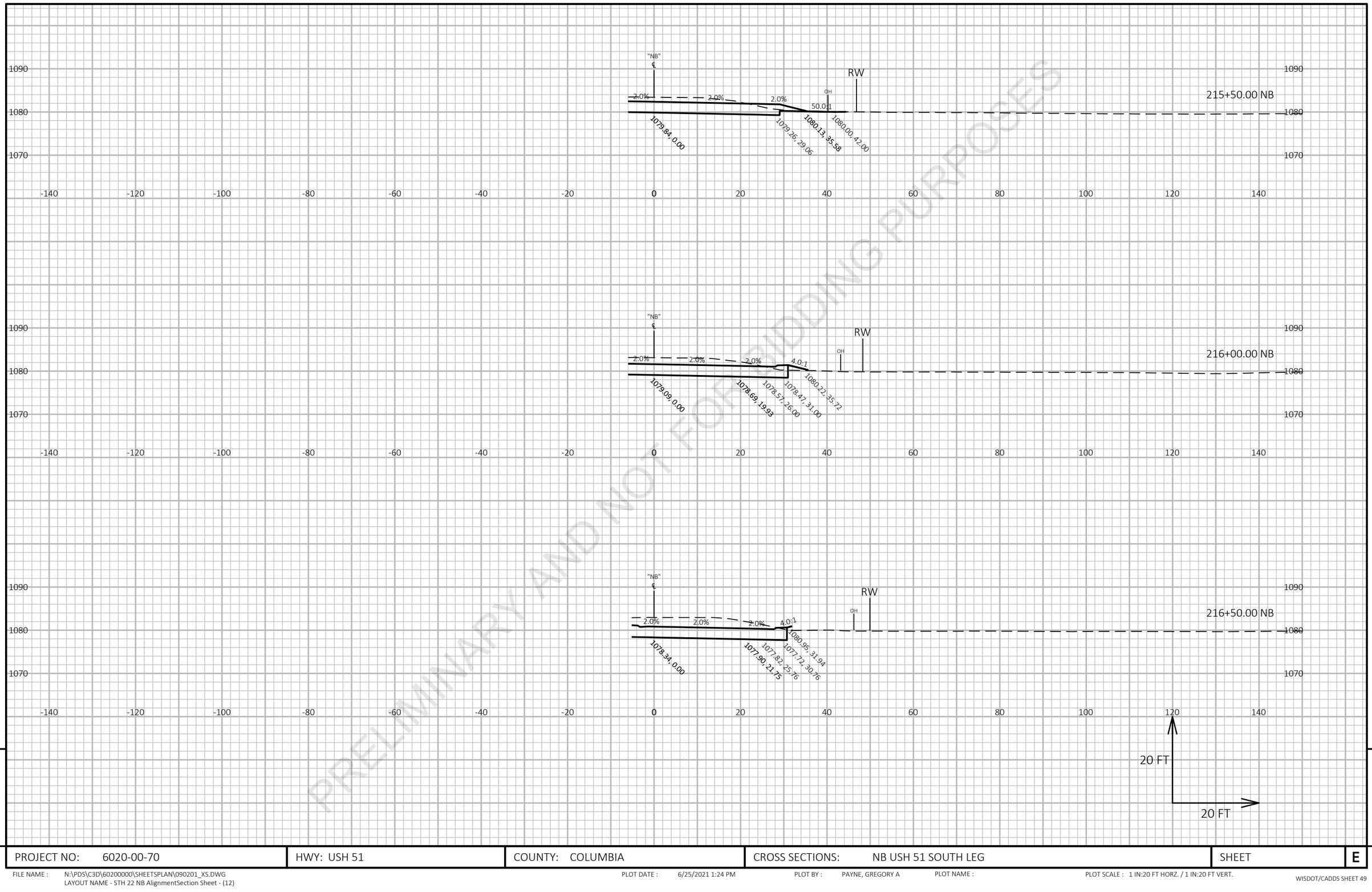


PRELIMINARY AND NOT FOR BIDDING PURPOSES

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: NB USH 51 SOUTH LEG	SHEET E

FILE NAME : N:\PDS\C3D\60200000\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - STH 22 NB AlignmentSection Sheet - (11)

PLOT DATE : 6/25/2021 1:24 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



PRELIMINARY AND NOT FOR BIDDING PURPOSES

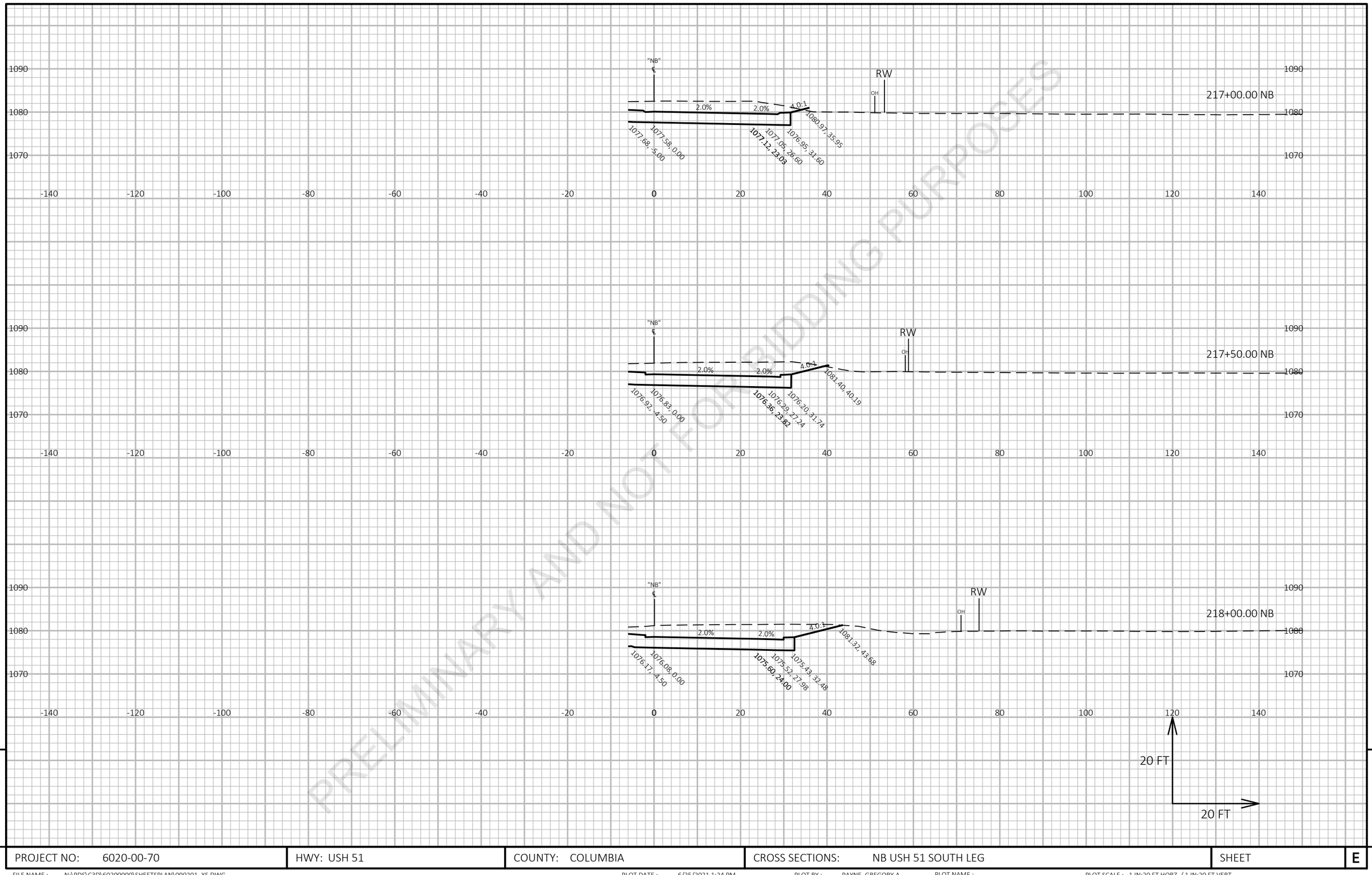
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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: NB USH 51 SOUTH LEG	SHEET E

FILE NAME : N:\PDS\C3D\60200000\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - STH 22 NB AlignmentSection Sheet - (12)

PLOT DATE : 6/25/2021 1:24 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



PRELIMINARY AND NOT FOR BIDDING PURPOSES

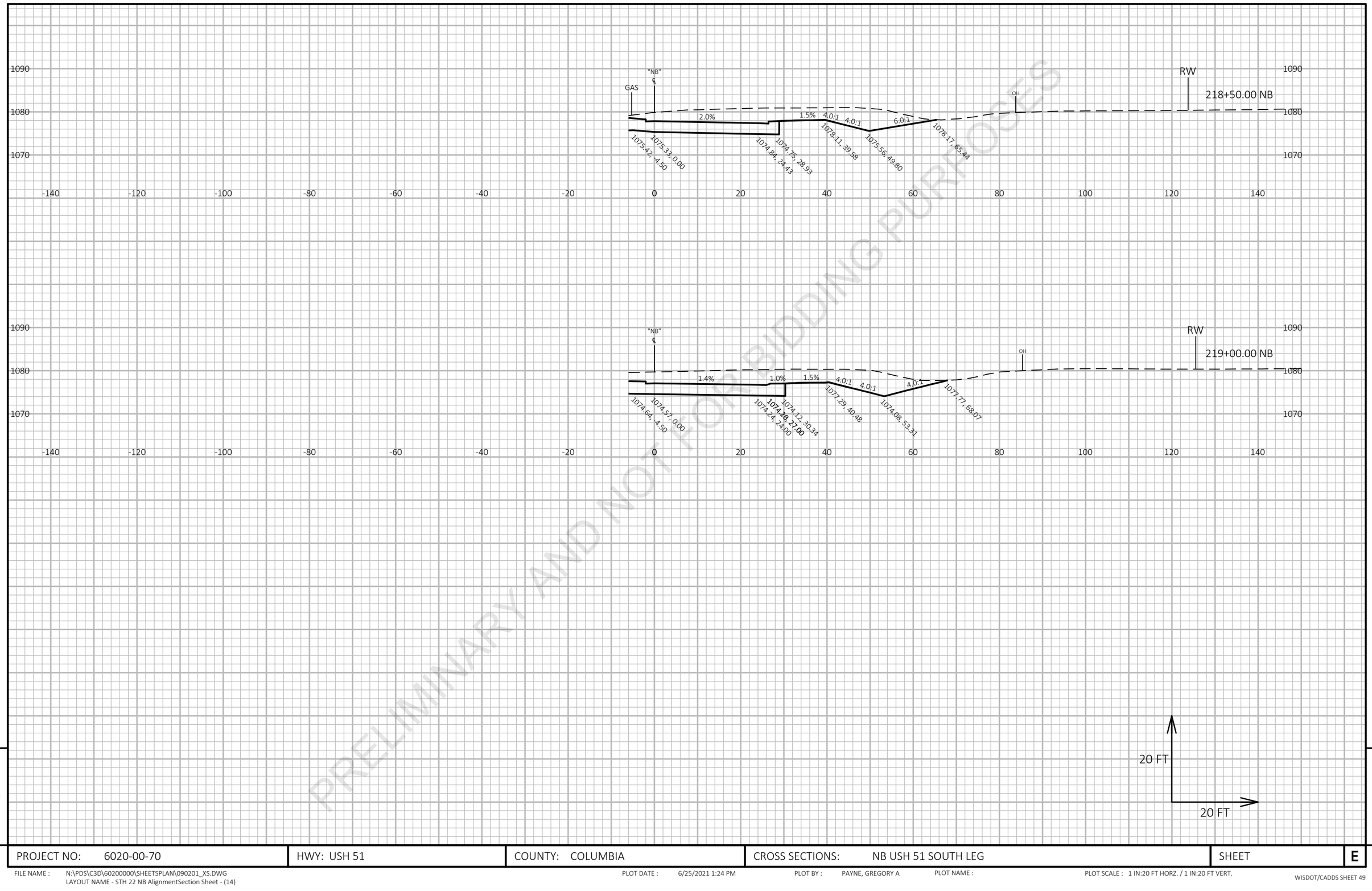
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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: NB USH 51 SOUTH LEG	SHEET E

FILE NAME : N:\PDS\C3D\60200000\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - STH 22 NB AlignmentSection Sheet - (13)

PLOT DATE : 6/25/2021 1:24 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



PRELIMINARY AND NOT FOR BIDDING PURPOSES

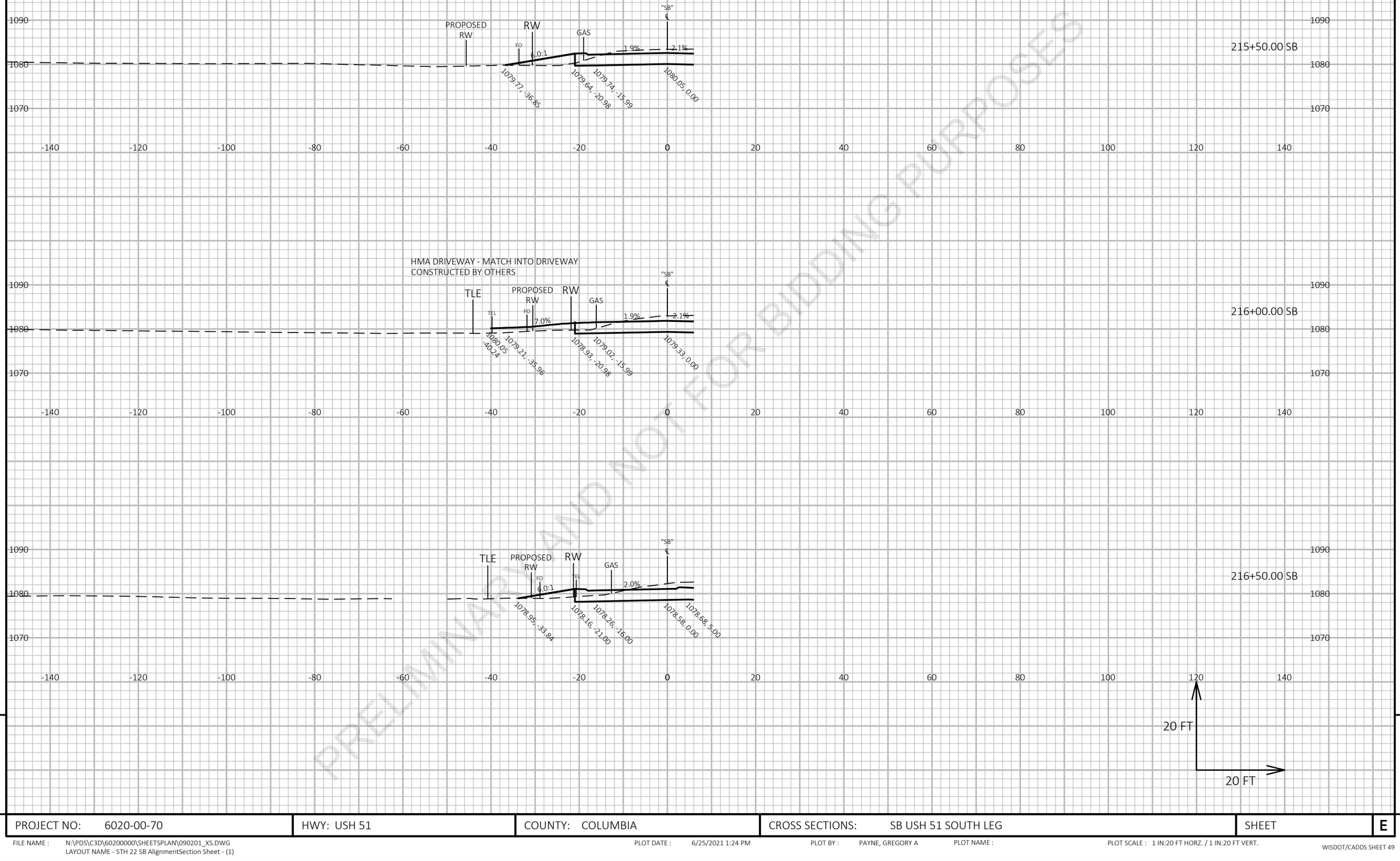
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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: NB USH 51 SOUTH LEG	SHEET	E

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LAYOUT NAME - STH 22 NB AlignmentSection Sheet - (14)

PLOT DATE : 6/25/2021 1:24 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



PRELIMINARY AND NOT FOR BIDDING PURPOSES

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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: SB USH 51 SOUTH LEG	SHEET	E

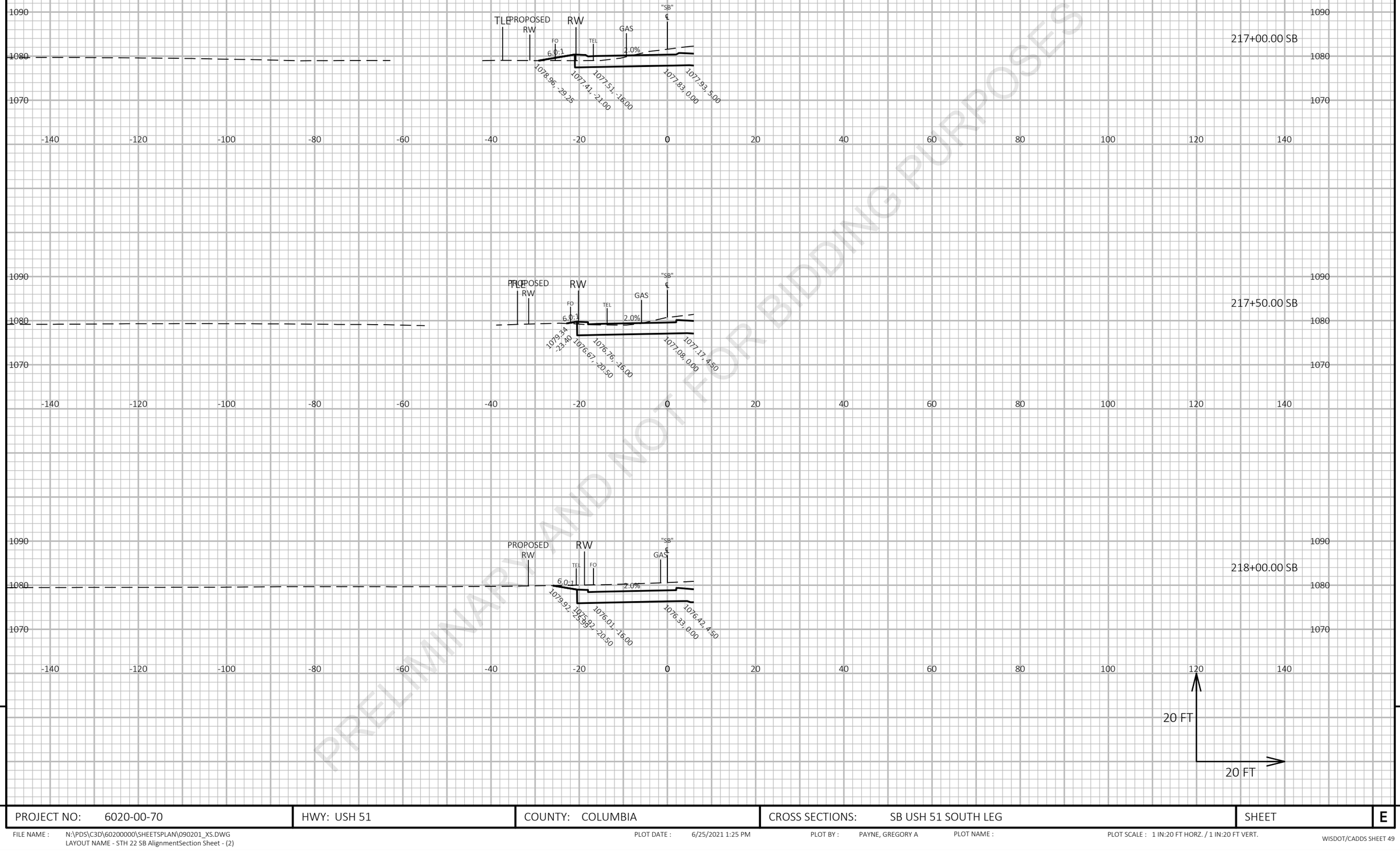
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LAYOUT NAME - STH 22 SB AlignmentSection Sheet - (1)

PLOT DATE : 6/25/2021 1:24 PM

PLOT BY : PAYNE, GREGORY A

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



PRELIMINARY AND NOT FOR BIDDING PURPOSES

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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: SB USH 51 SOUTH LEG	SHEET E

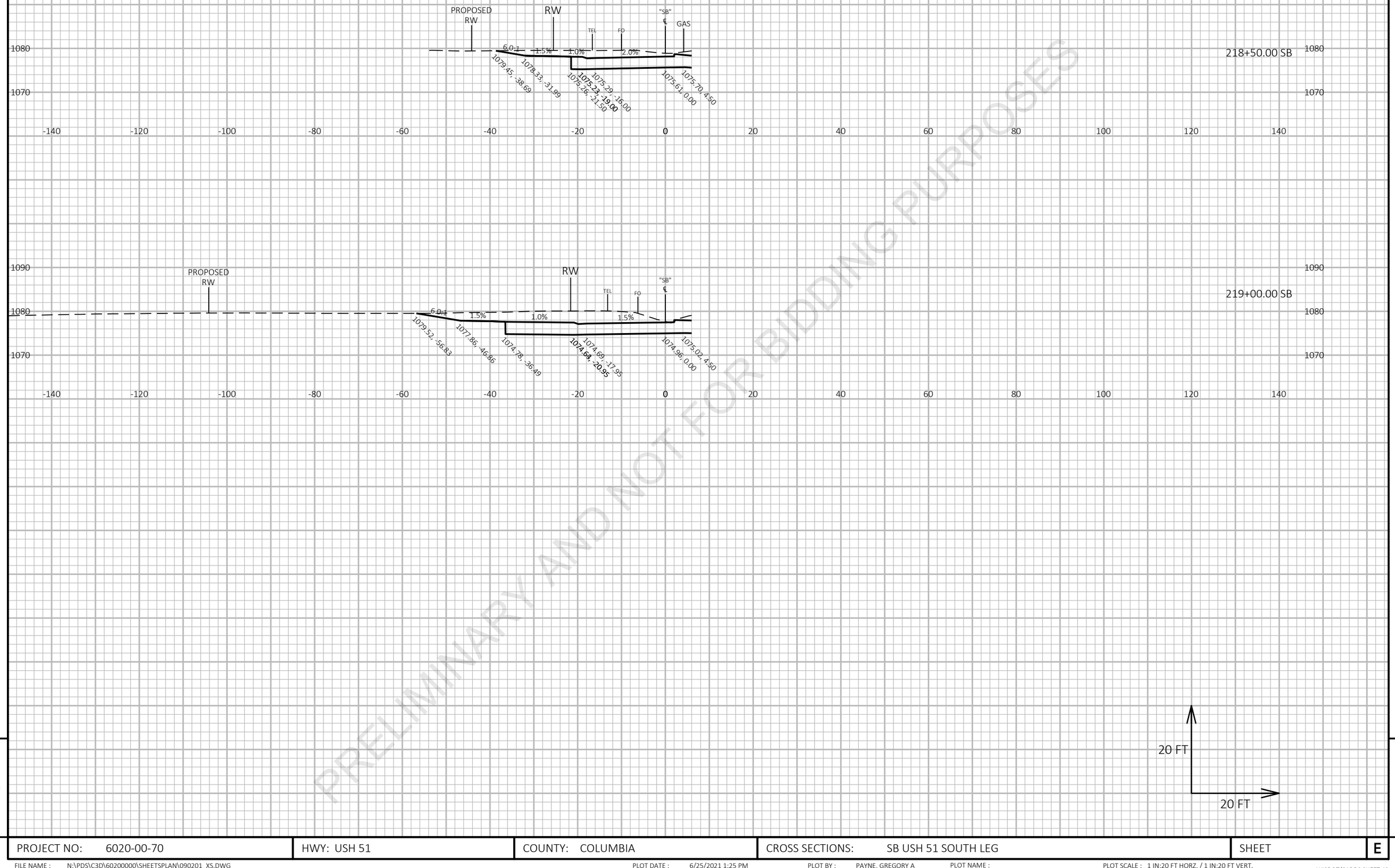
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LAYOUT NAME - STH 22 SB AlignmentSection Sheet - (2)

PLOT DATE : 6/25/2021 1:25 PM

PLOT BY : PAYNE, GREGORY A

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



PRELIMINARY AND NOT FOR BIDDING PURPOSES

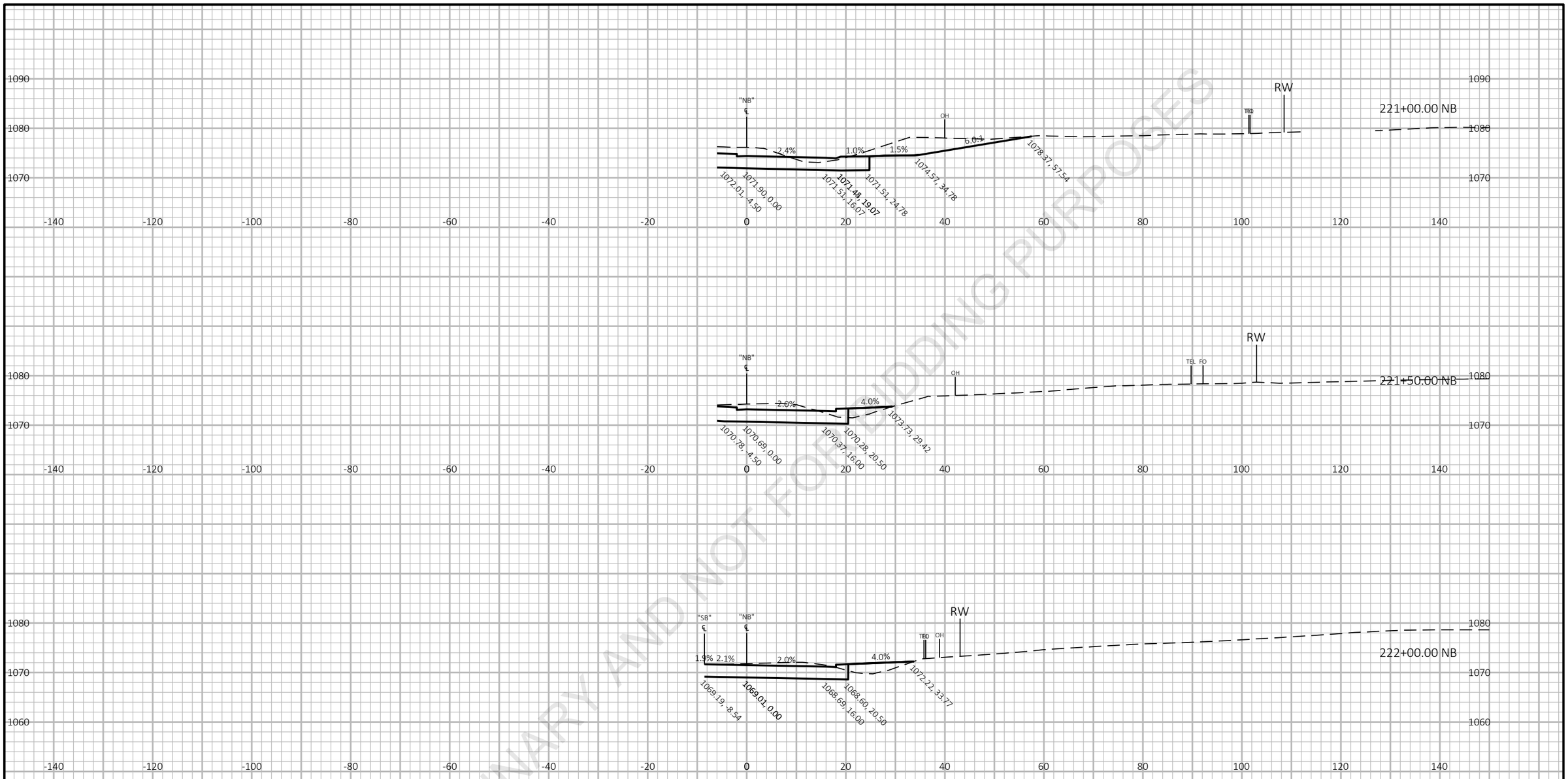
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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: SB USH 51 SOUTH LEG	SHEET	E

FILE NAME : N:\PDS\C3D\60200000\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - STH 22 SB AlignmentSection Sheet - (3)

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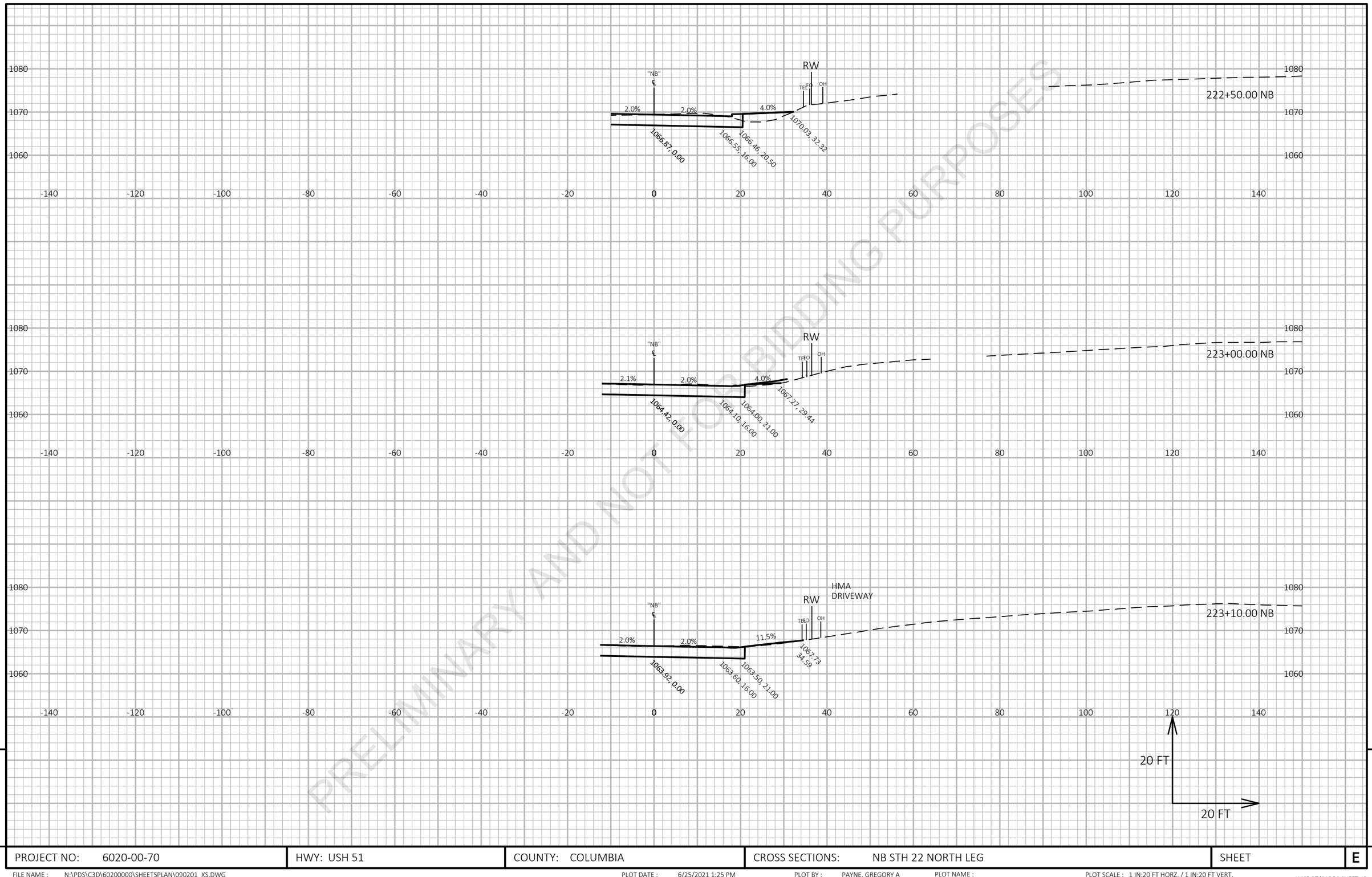


PRELIMINARY AND NOT FOR BIDDING PURPOSES

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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: NB STH 22 NORTH LEG	SHEET E

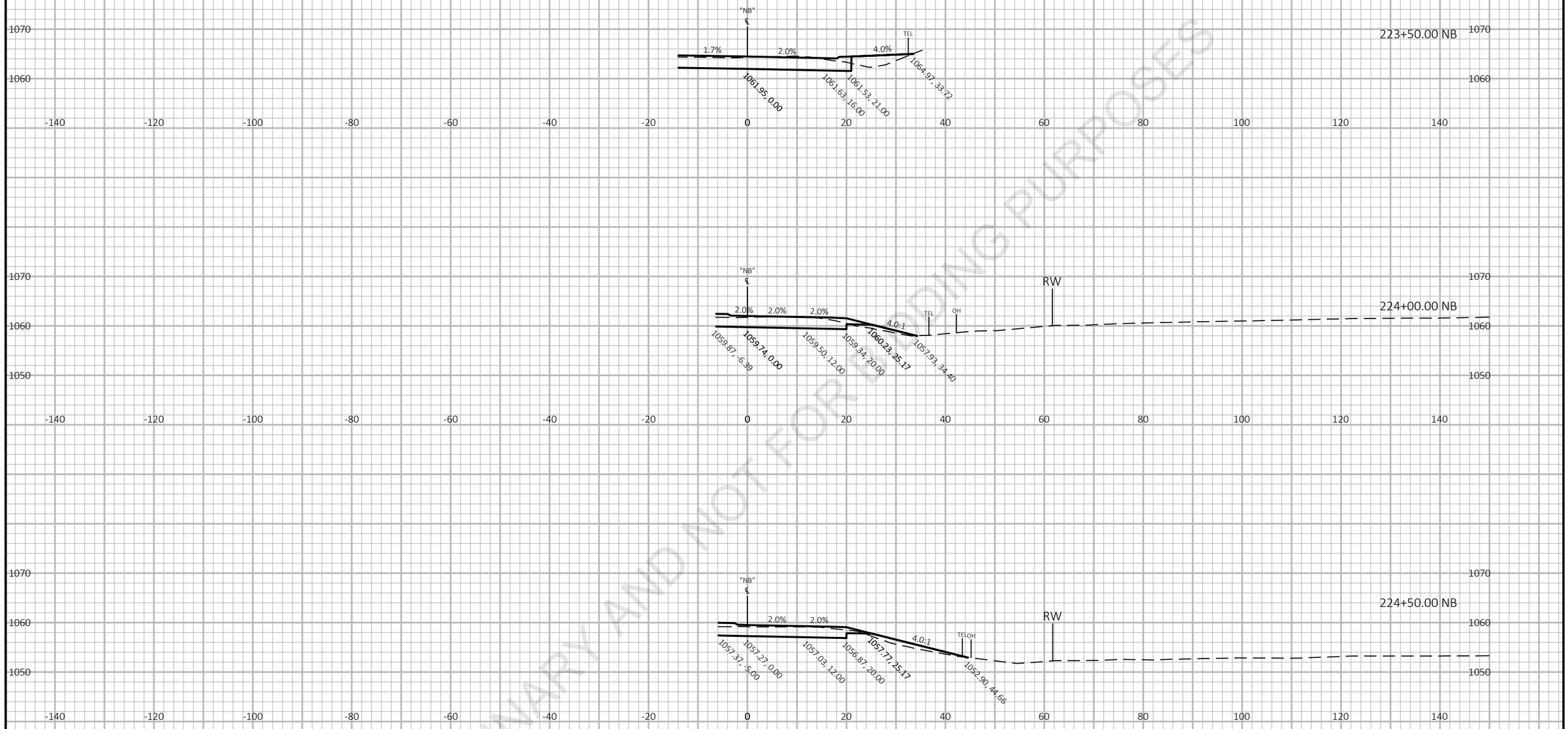


PRELIMINARY AND NOT FOR BIDDING PURPOSES

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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: NB STH 22 NORTH LEG	SHEET E



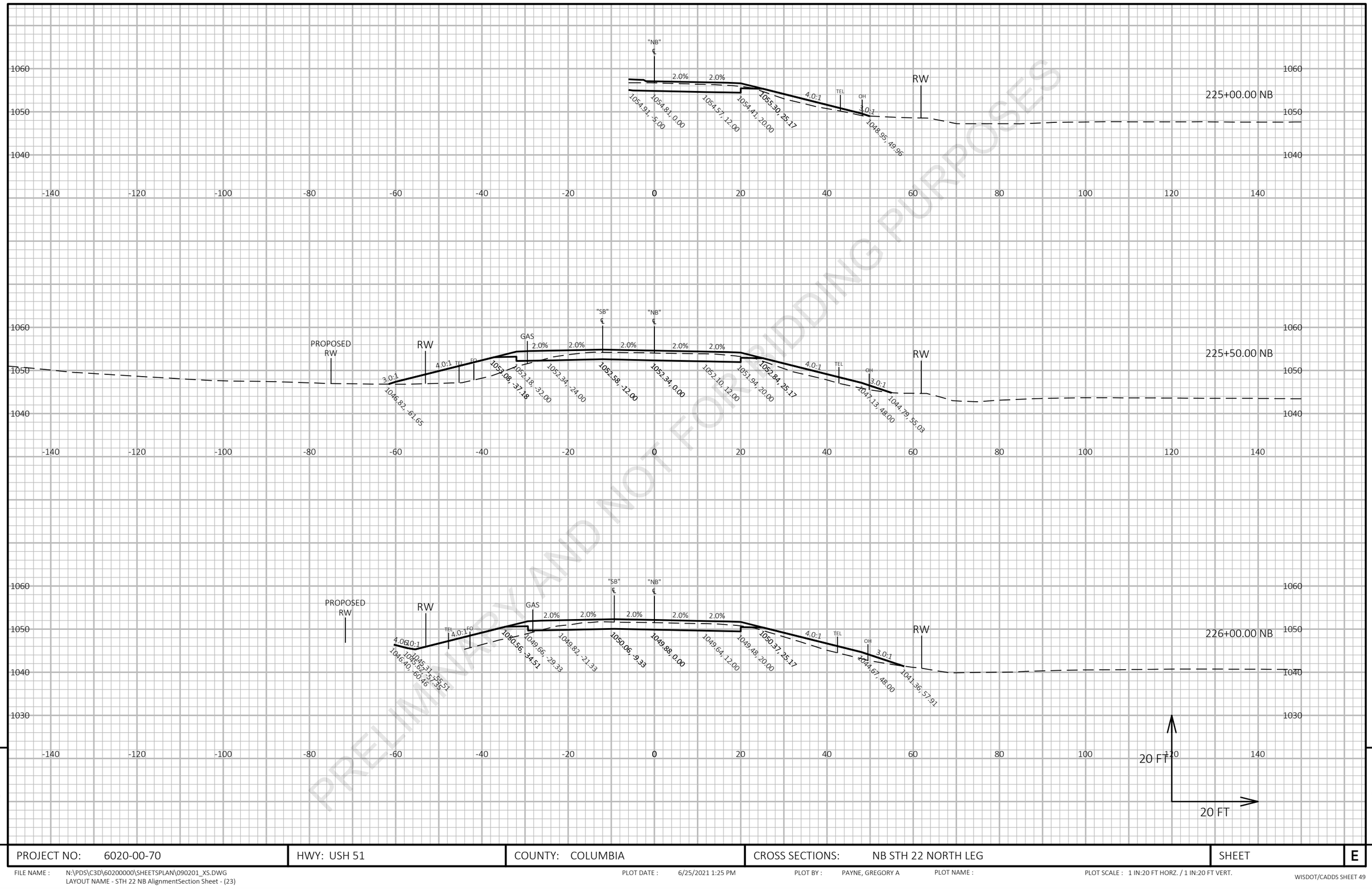
PRELIMINARY AND NOT FOR BIDDING PURPOSES

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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: NB STH 22 NORTH LEG	SHEET E

FILE NAME : N:\PDS\C3D\60200000\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - STH 22 NB AlignmentSection Sheet - (22)
PLOT DATE : 6/25/2021 1:25 PM
PLOT BY : PAYNE, GREGORY A
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49



PRELIMINARY AND NOT FOR BIDDING PURPOSES

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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: NB STH 22 NORTH LEG	SHEET E

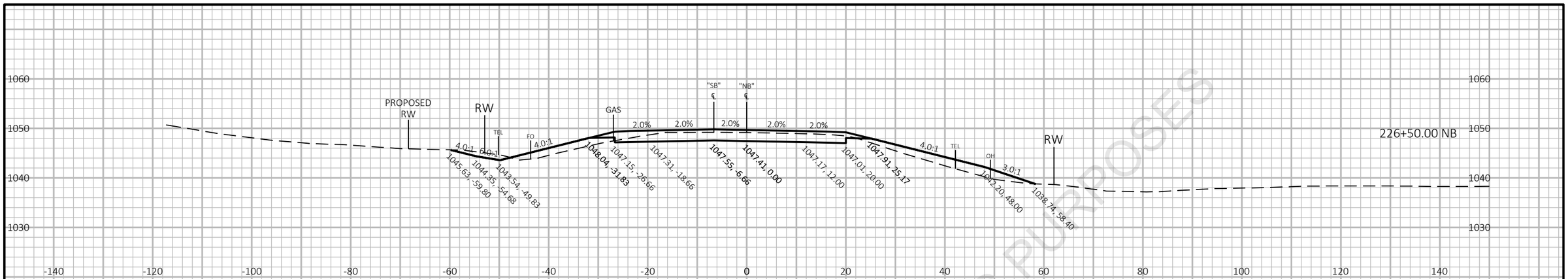
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LAYOUT NAME - STH 22 NB AlignmentSection Sheet - (23)

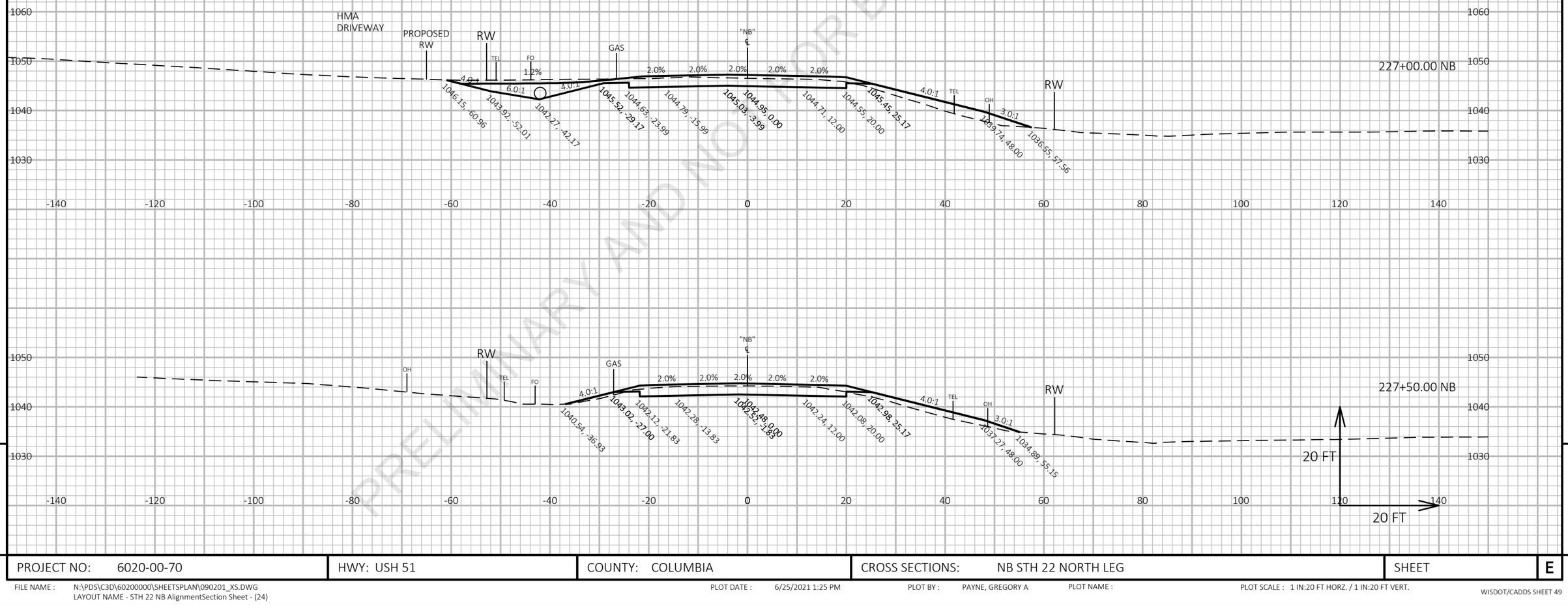
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PLOT BY : PAYNE, GREGORY A

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.





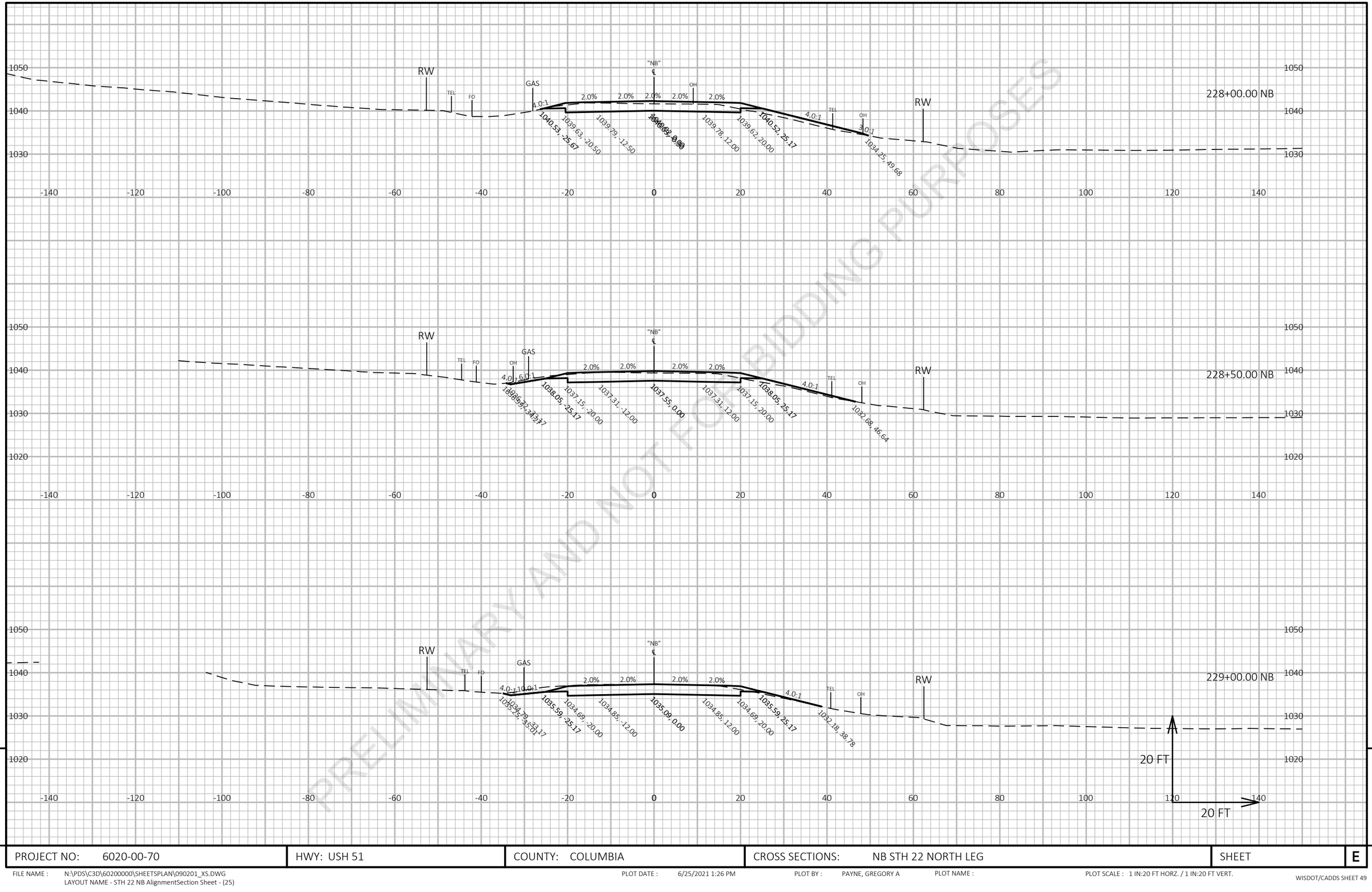
PRELIMINARY AND NOT FOR BIDDING PURPOSES

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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: NB STH 22 NORTH LEG	SHEET E

FILE NAME : N:\PDS\C3D\60200000\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - STH 22 NB AlignmentSection Sheet - (24)

PLOT DATE : 6/25/2021 1:25 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



PRELIMINARY AND NOT FOR BIDDING PURPOSES

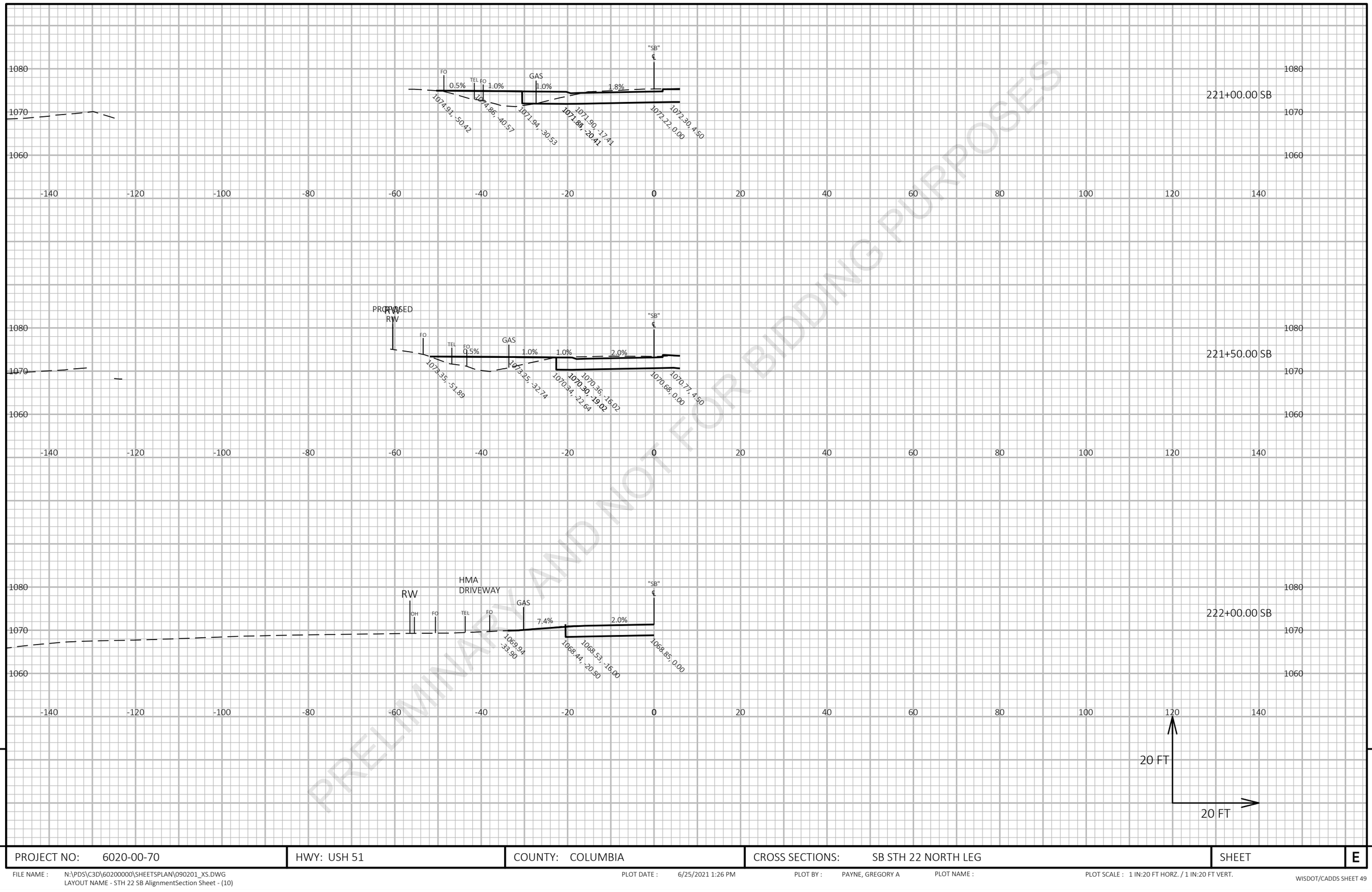
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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: NB STH 22 NORTH LEG	SHEET	E

FILE NAME : N:\PDS\C3D\60200000\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - STH 22 NB AlignmentSection Sheet - (25)

PLOT DATE : 6/25/2021 1:26 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



PRELIMINARY AND NOT FOR BIDDING PURPOSES

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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: SB STH 22 NORTH LEG	SHEET	E

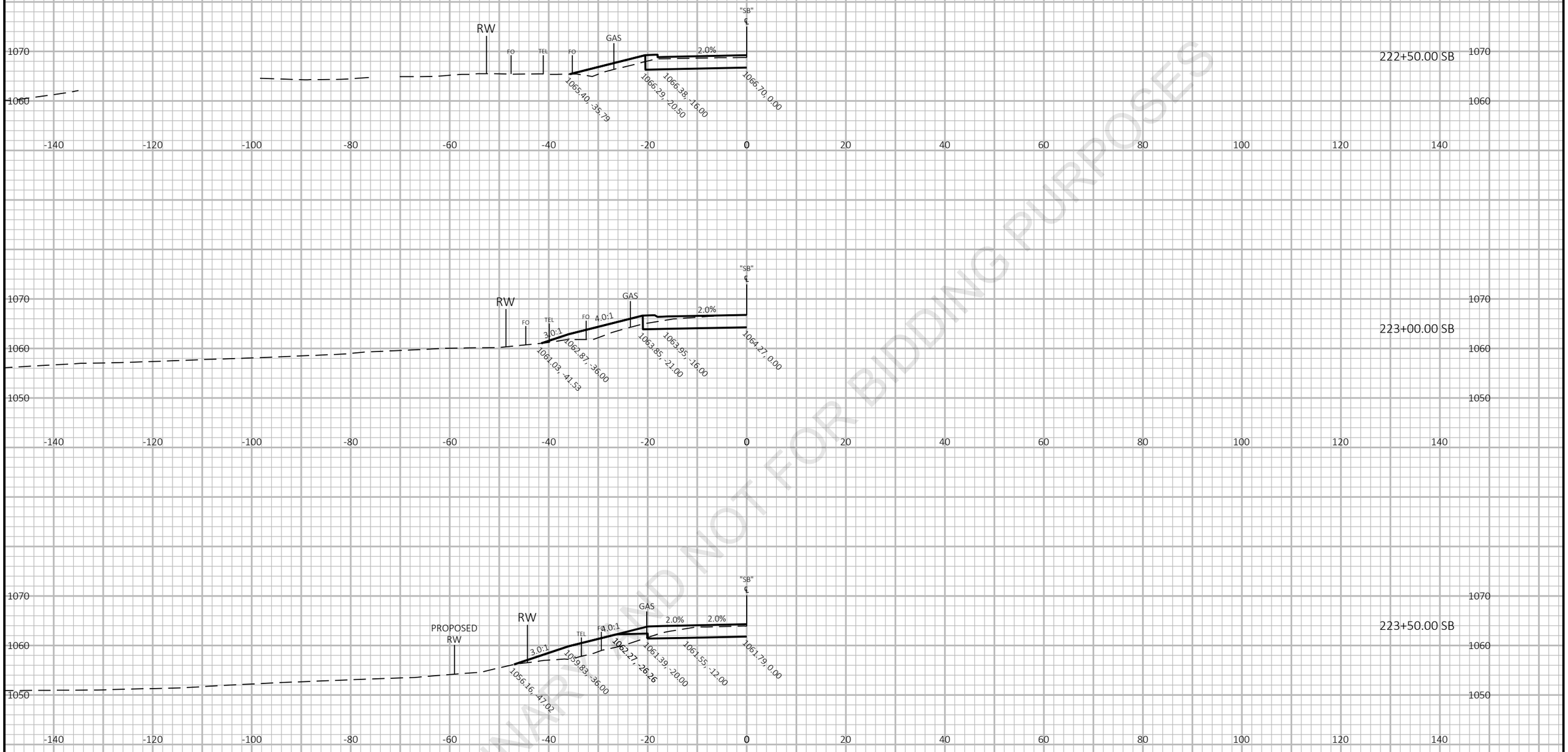
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LAYOUT NAME - STH 22 SB AlignmentSection Sheet - (10)

PLOT DATE : 6/25/2021 1:26 PM

PLOT BY : PAYNE, GREGORY A

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



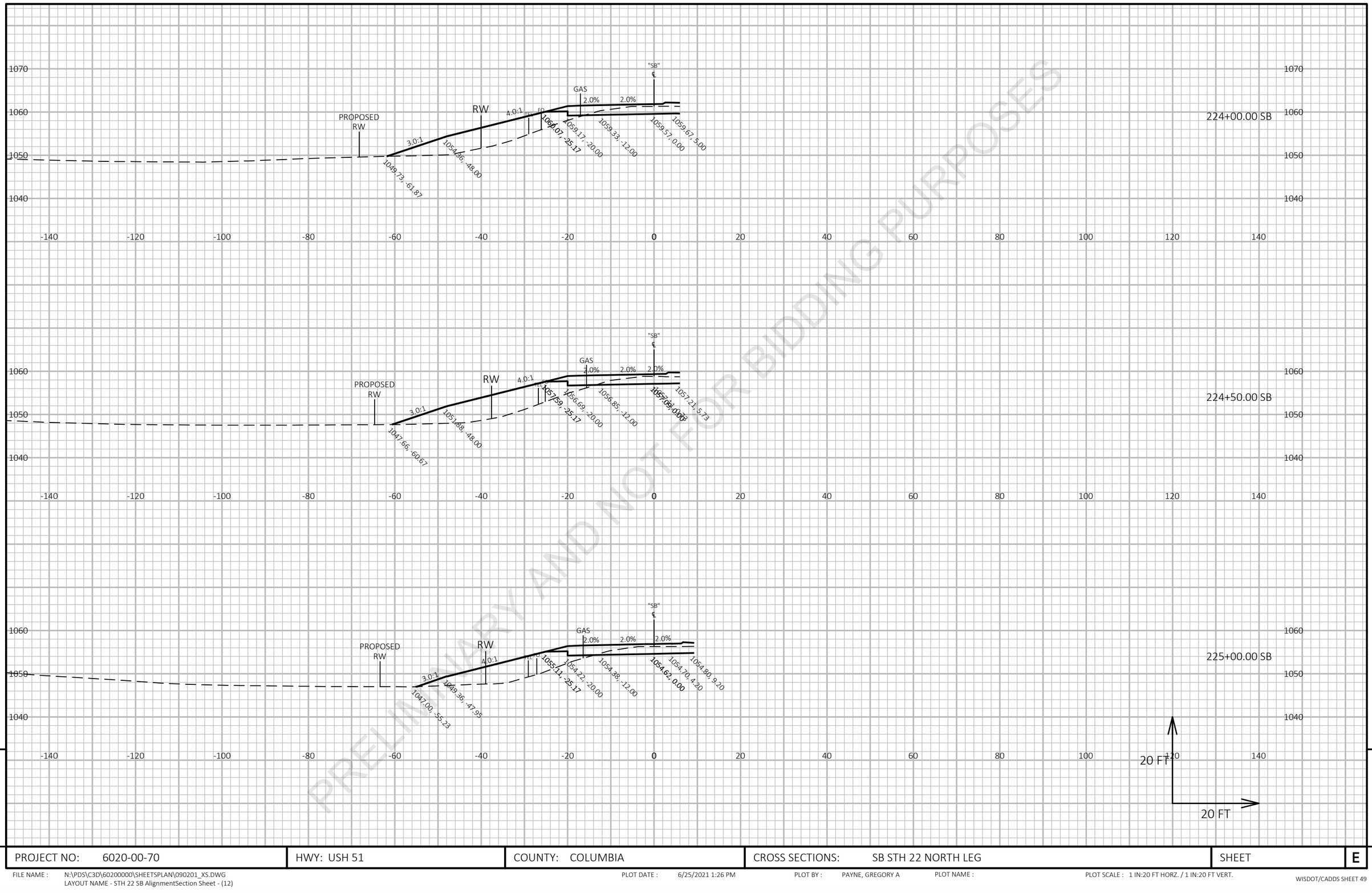
PRELIMINARY AND NOT FOR BIDDING PURPOSES

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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: SB STH 22 NORTH LEG	SHEET E

FILE NAME : N:\PDS\C3D\60200000\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - STH 22 SB AlignmentSection Sheet - (11)
PLOT DATE : 6/25/2021 1:26 PM
PLOT BY : PAYNE, GREGORY A
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49



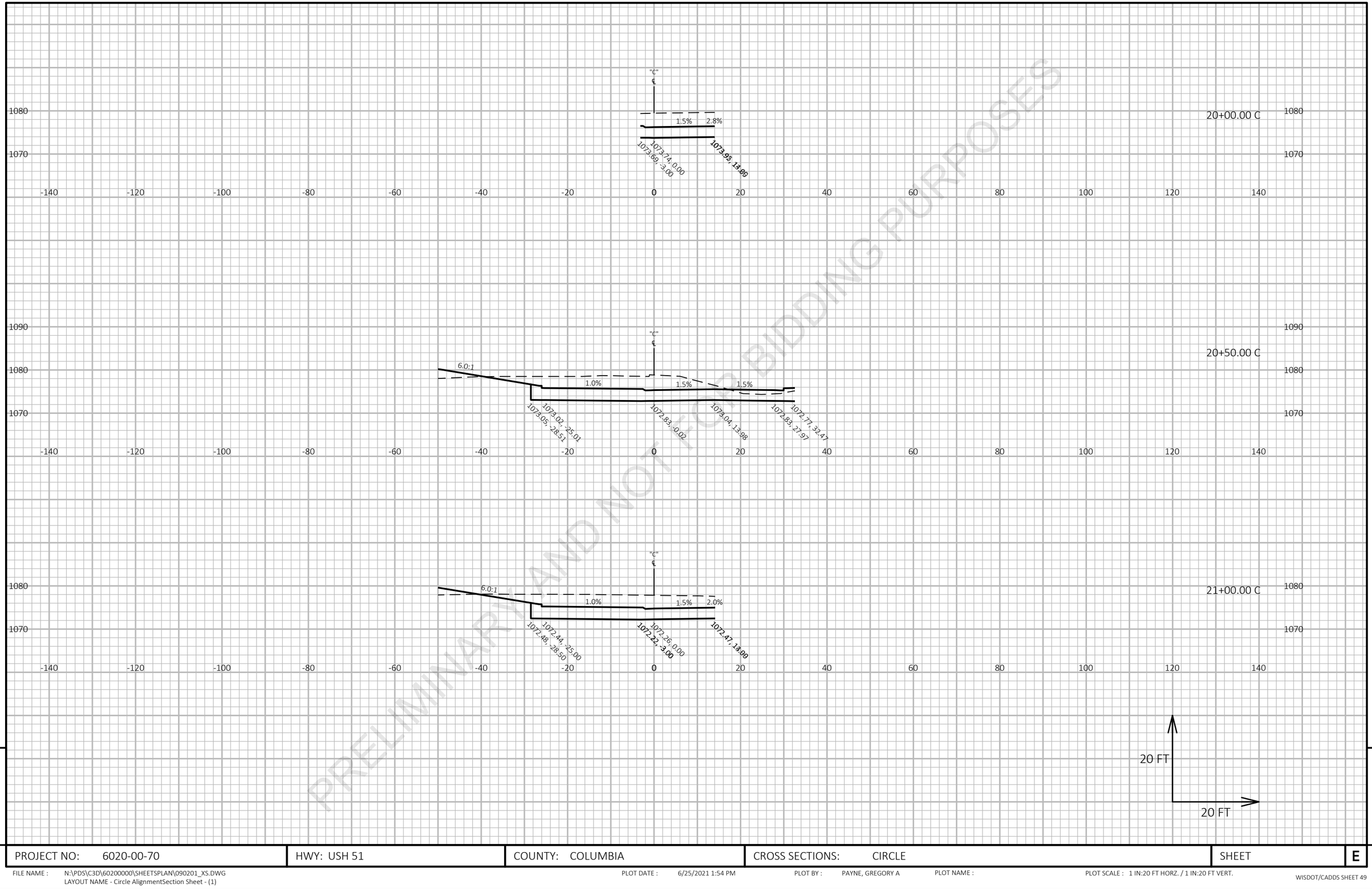
PRELIMINARY AND NOT FOR BIDDING PURPOSES

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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: SB STH 22 NORTH LEG	SHEET	E

FILE NAME : N:\PDS\C3D\60200000\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - STH 22 SB AlignmentSection Sheet - (12)
PLOT DATE : 6/25/2021 1:26 PM
PLOT BY : PAYNE, GREGORY A
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49



PRELIMINARY AND NOT FOR BIDDING PURPOSES

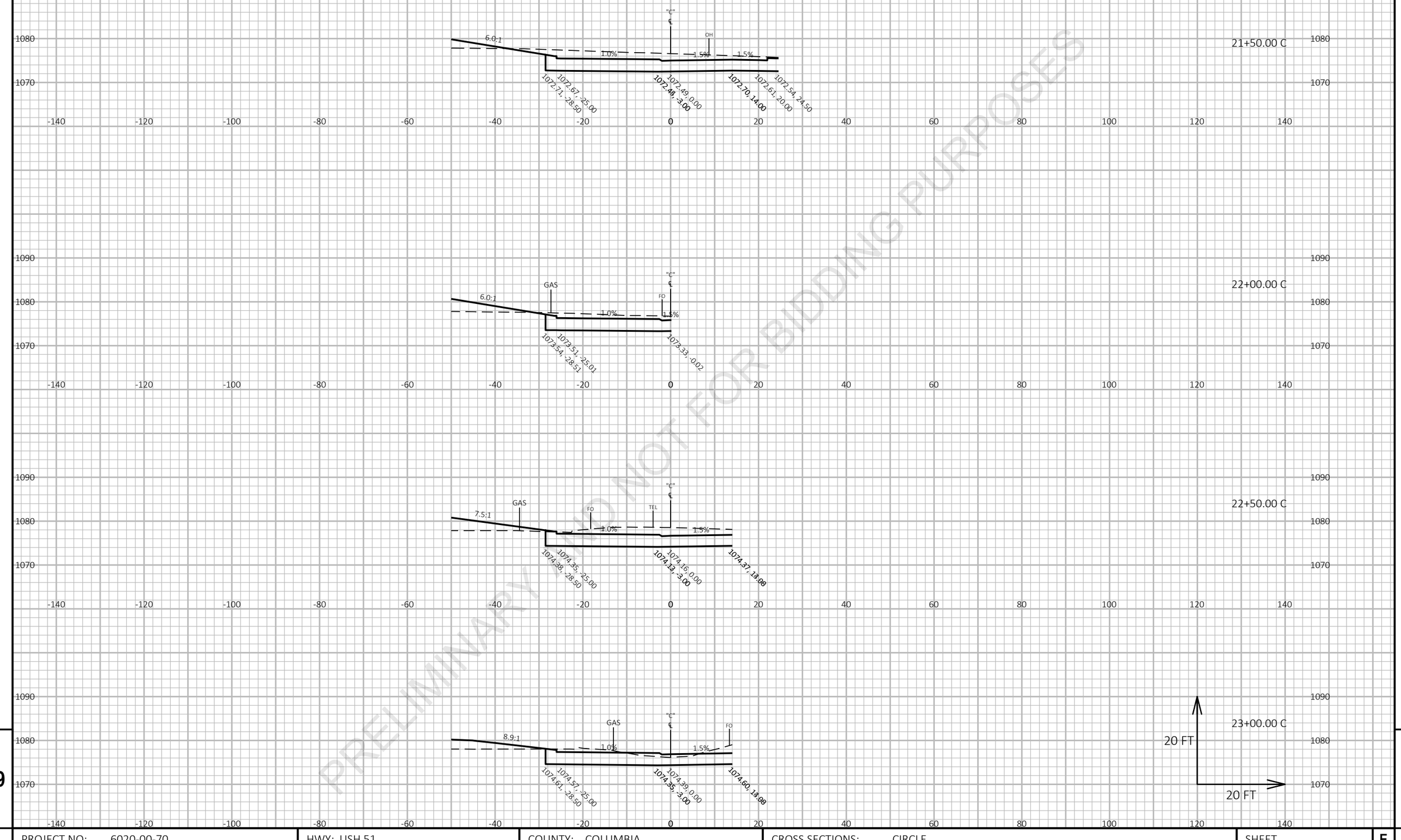
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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: CIRCLE	SHEET	E

FILE NAME : N:\PDS\C3D\60200000\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - Circle AlignmentSection Sheet - (1)

PLOT DATE : 6/25/2021 1:54 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



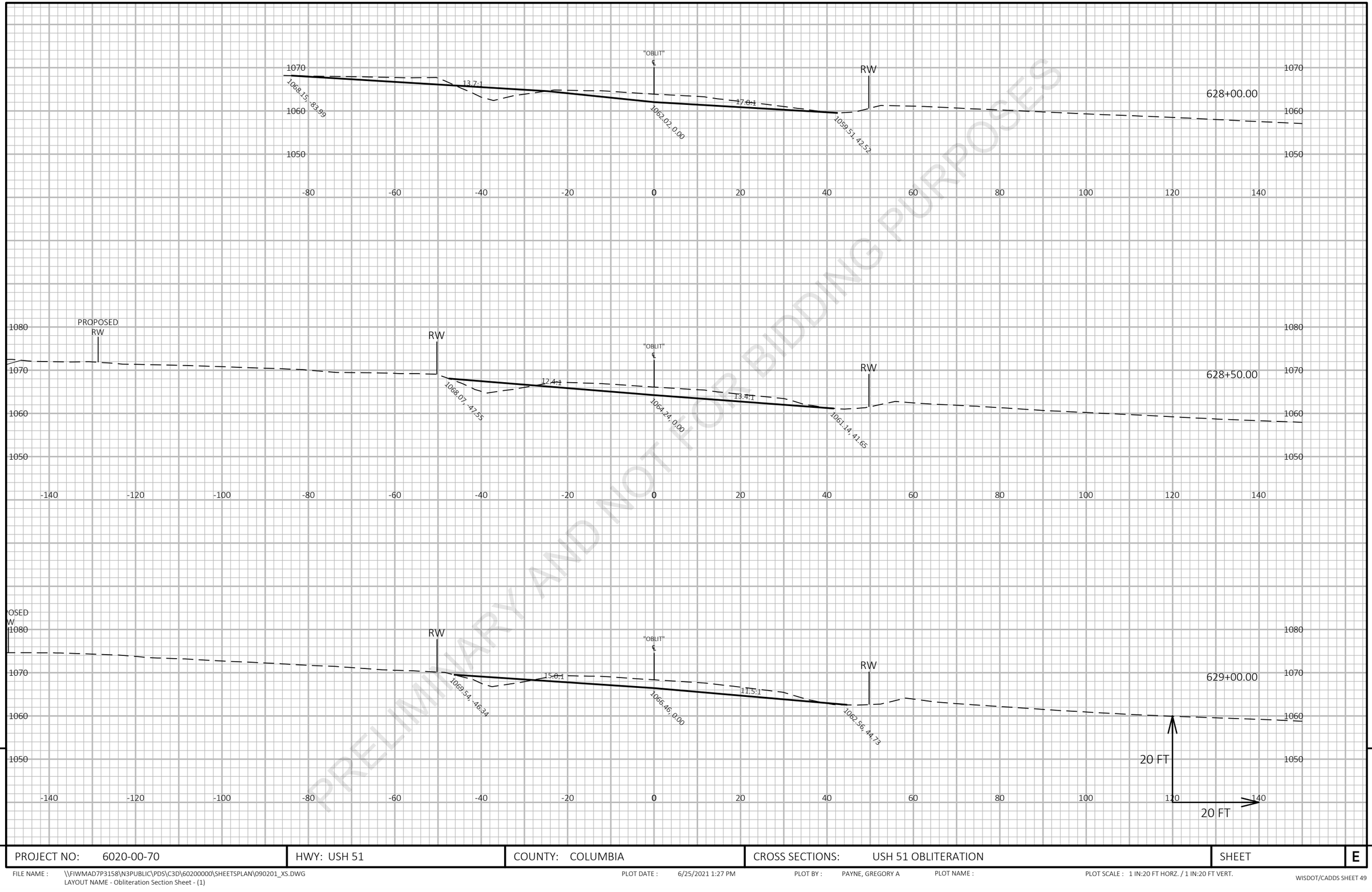
PRELIMINARY - NOT FOR BIDDING PURPOSES

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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: CIRCLE	SHEET	E

FILE NAME : N:\PDS\C3D\60200000\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - Circle AlignmentSection Sheet - (2)
PLOT DATE : 6/25/2021 1:55 PM
PLOT BY : PAYNE, GREGORY A
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49



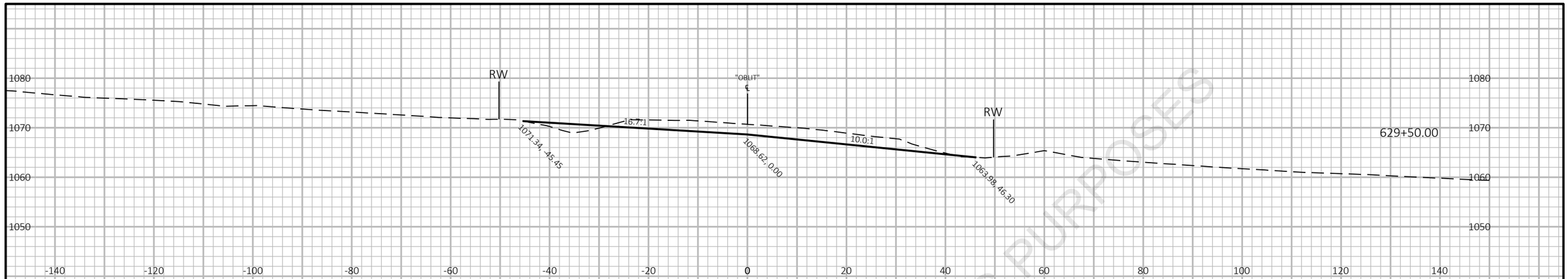
PRELIMINARY AND NOT FOR BIDDING PURPOSES

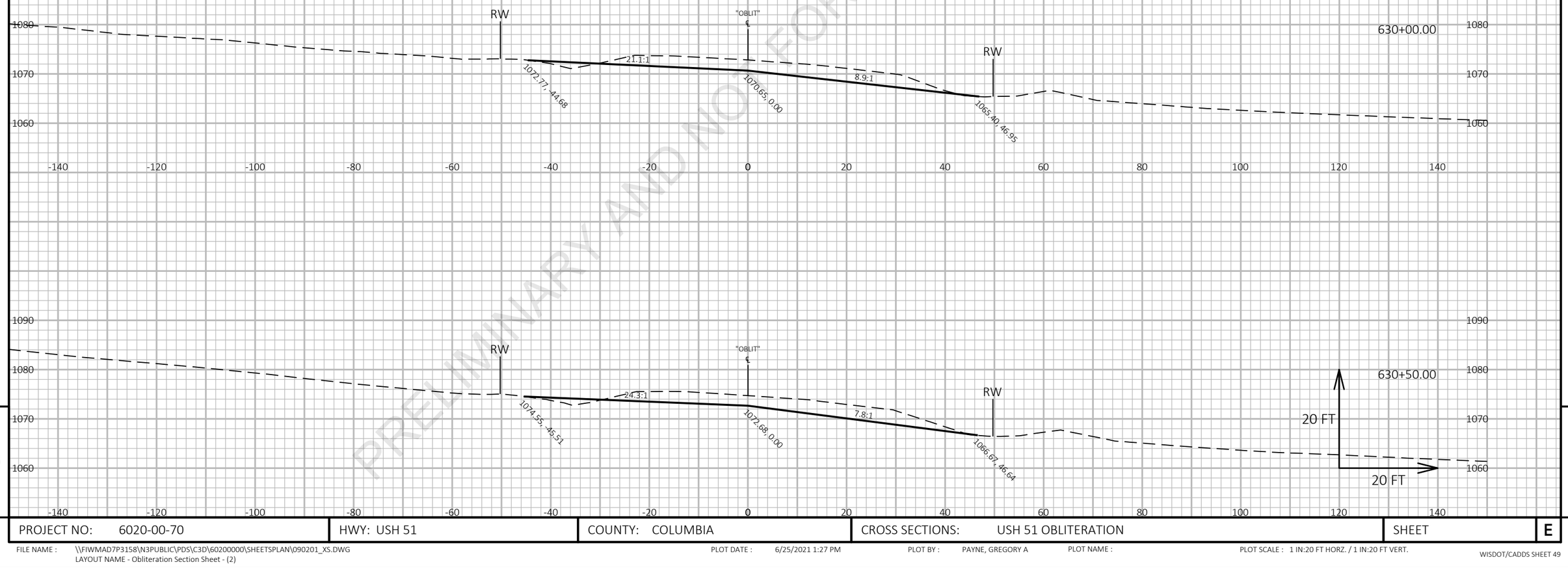
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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: USH 51 OBLITERATION	SHEET	E

FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - Obliteration Section Sheet - (1)

PLOT DATE : 6/25/2021 1:27 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.





PRELIMINARY AND NOT FOR BIDDING PURPOSES

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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: USH 51 OBLITERATION	SHEET	E

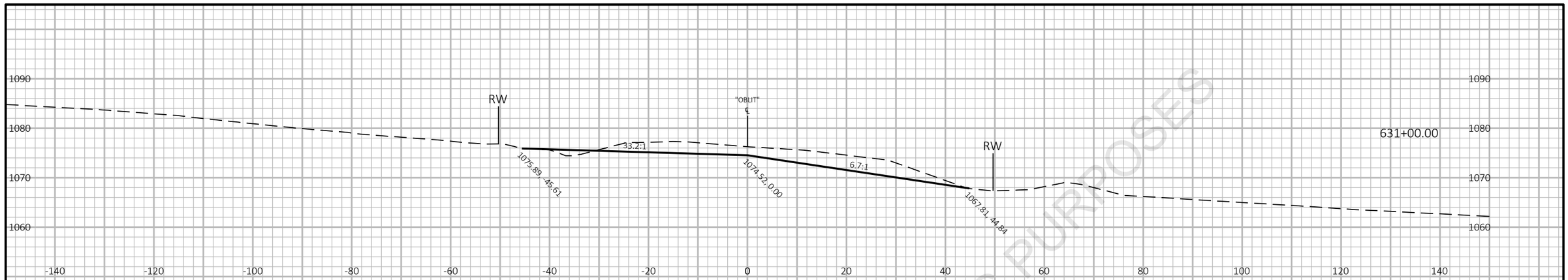
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LAYOUT NAME - Obliteration Section Sheet - (2)

PLOT DATE : 6/25/2021 1:27 PM

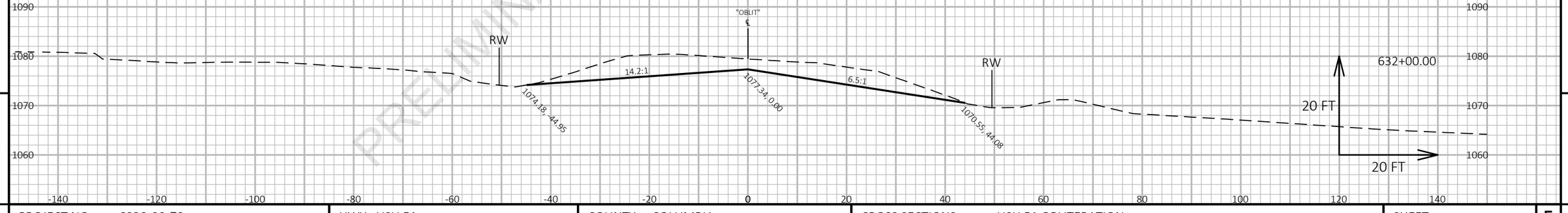
PLOT BY : PAYNE, GREGORY A

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.







PRELIMINARY AND NOT FOR BIDDING PURPOSES

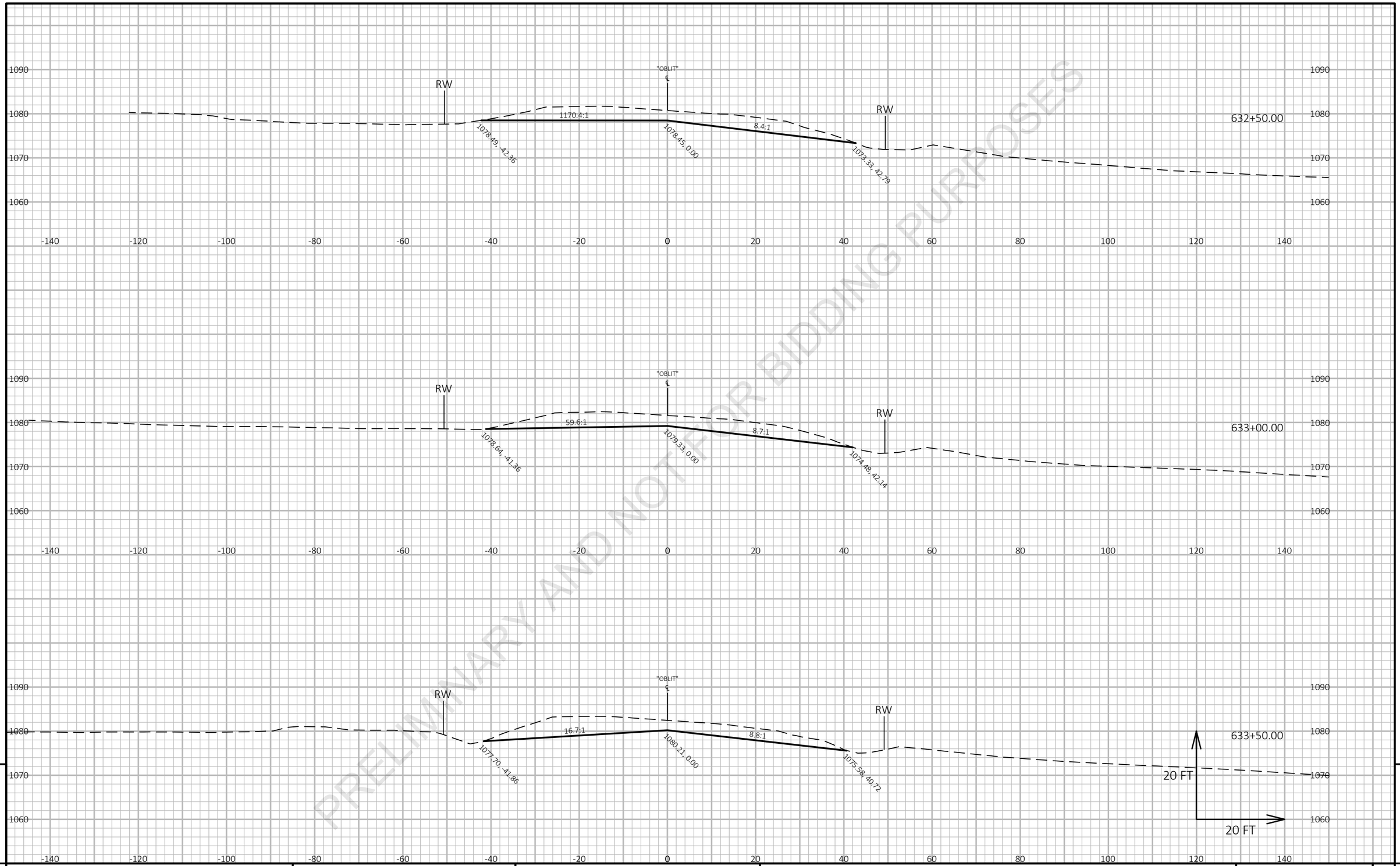
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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: USH 51 OBLITERATION	SHEET	E

FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - Obliteration Section Sheet - (3)

PLOT DATE : 6/25/2021 1:27 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



PRELIMINARY AND NOT FOR BIDDING PURPOSES

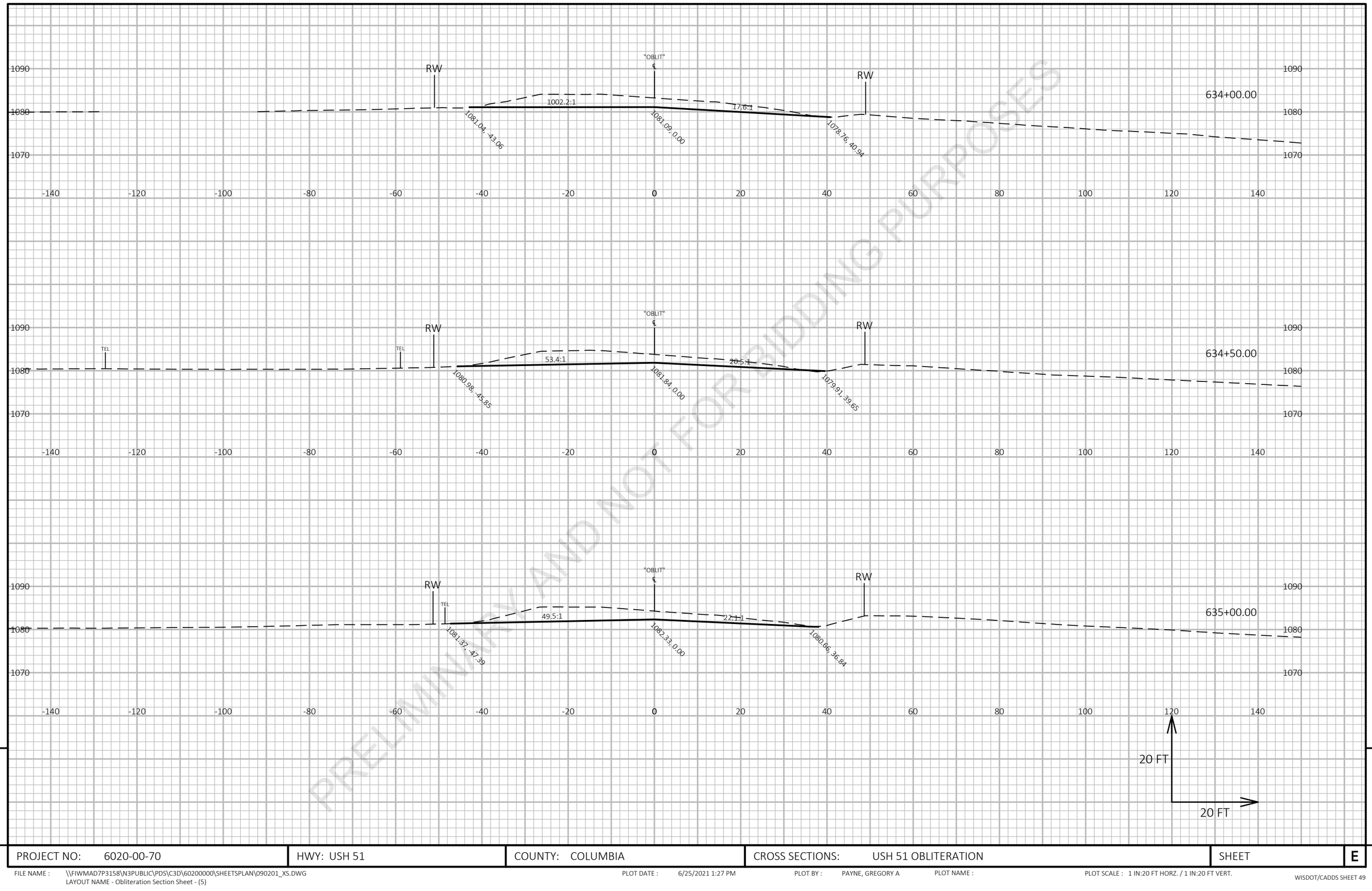
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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: USH 51 OBLITERATION	SHEET	E

FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - Obliteration Section Sheet - (4)

PLOT DATE : 6/25/2021 1:27 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



PRELIMINARY AND NOT FOR BIDDING PURPOSES

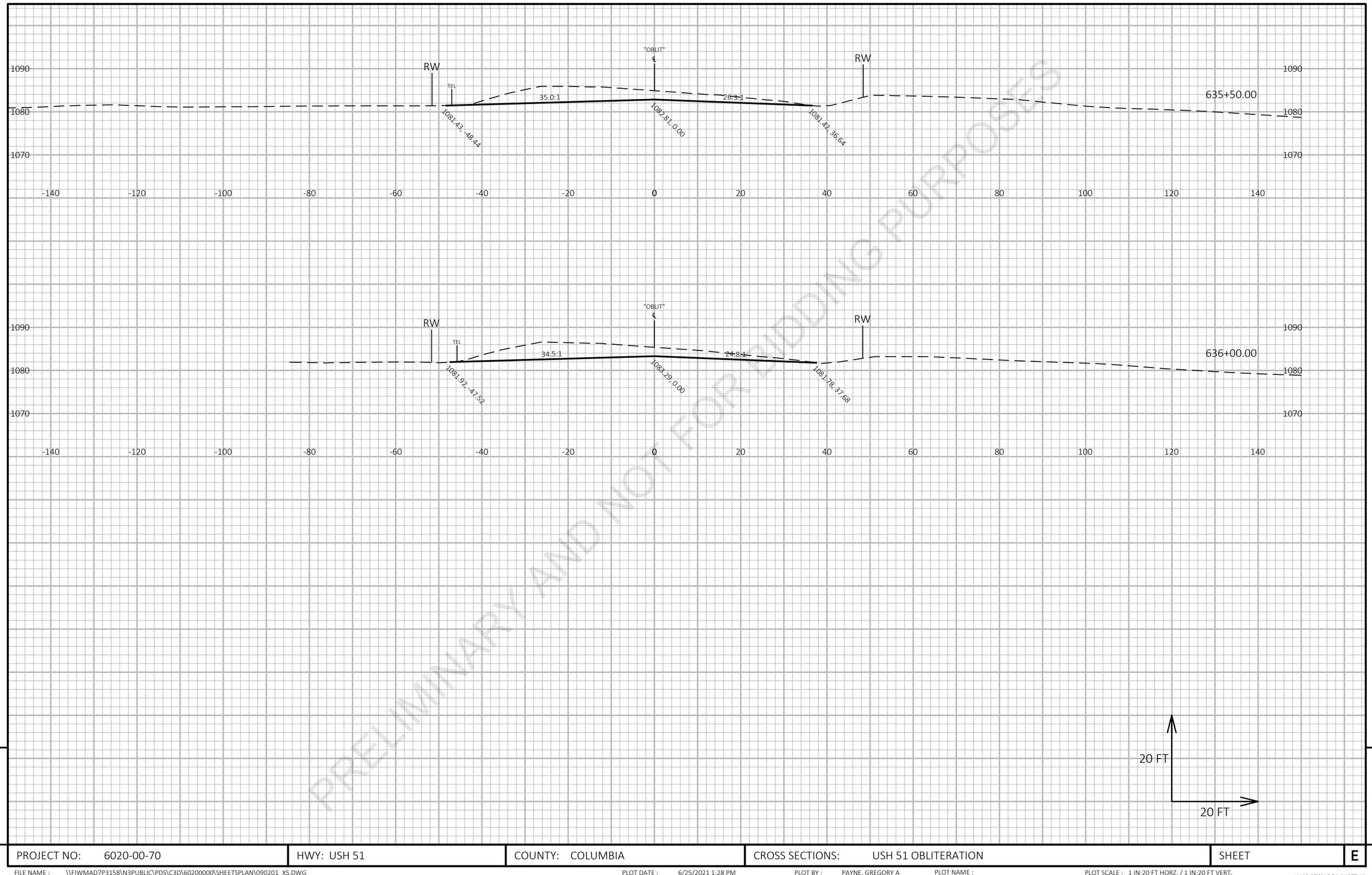
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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: USH 51 OBLITERATION	SHEET E

FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - Obliteration Section Sheet - (5)

PLOT DATE : 6/25/2021 1:27 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



PRELIMINARY AND NOT FOR BIDDING PURPOSES

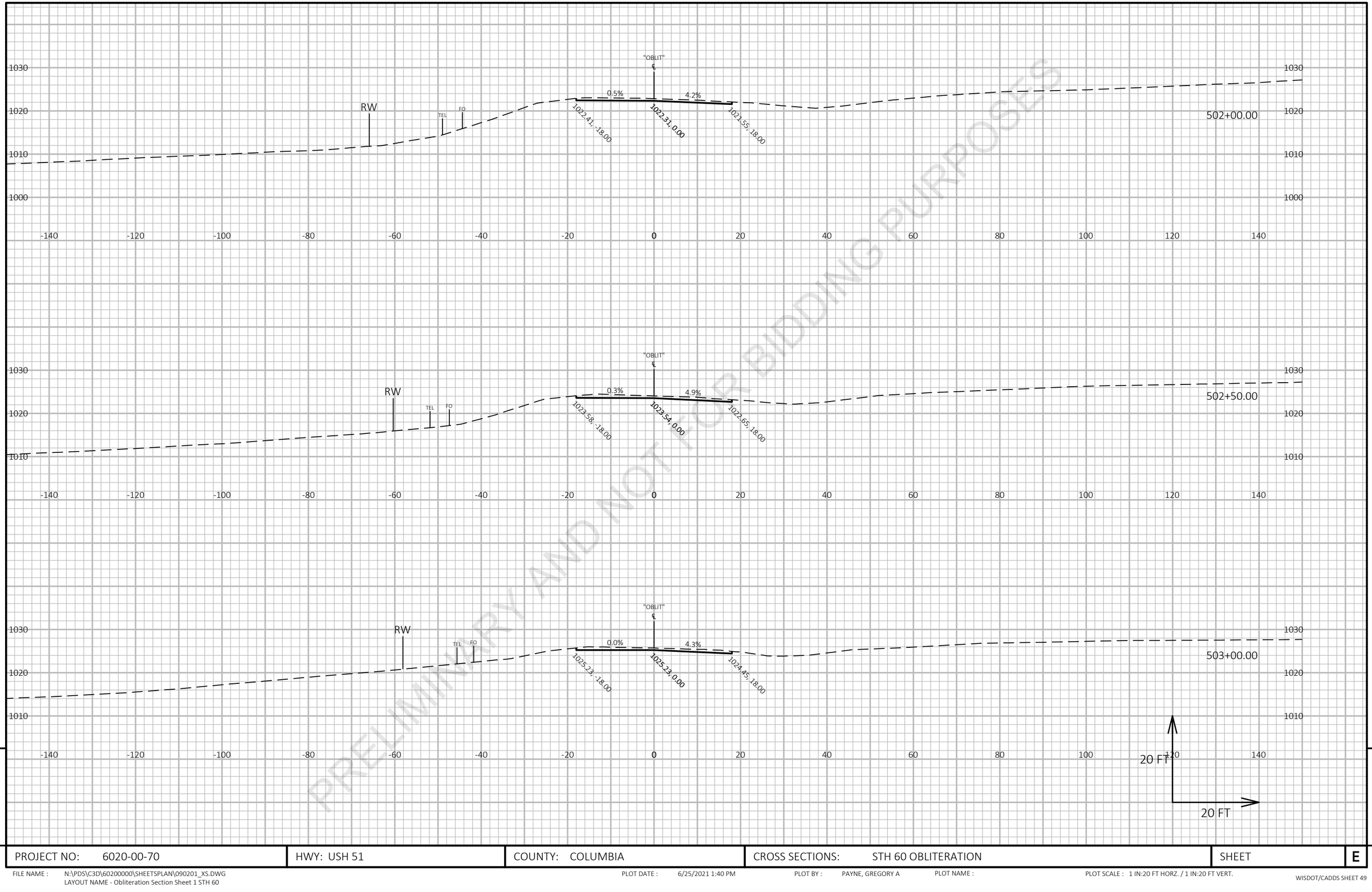
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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: USH 51 OBLITERATION	SHEET	E

FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - Obliteration Section Sheet - (6)

PLOT DATE : 6/25/2021 1:28 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



PRELIMINARY AND NOT FOR BIDDING PURPOSES

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9

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: STH 60 OBLITERATION	SHEET	E

FILE NAME : N:\PDS\C3D\60200000\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - Obliteration Section Sheet 1 STH 60

PLOT DATE : 6/25/2021 1:40 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



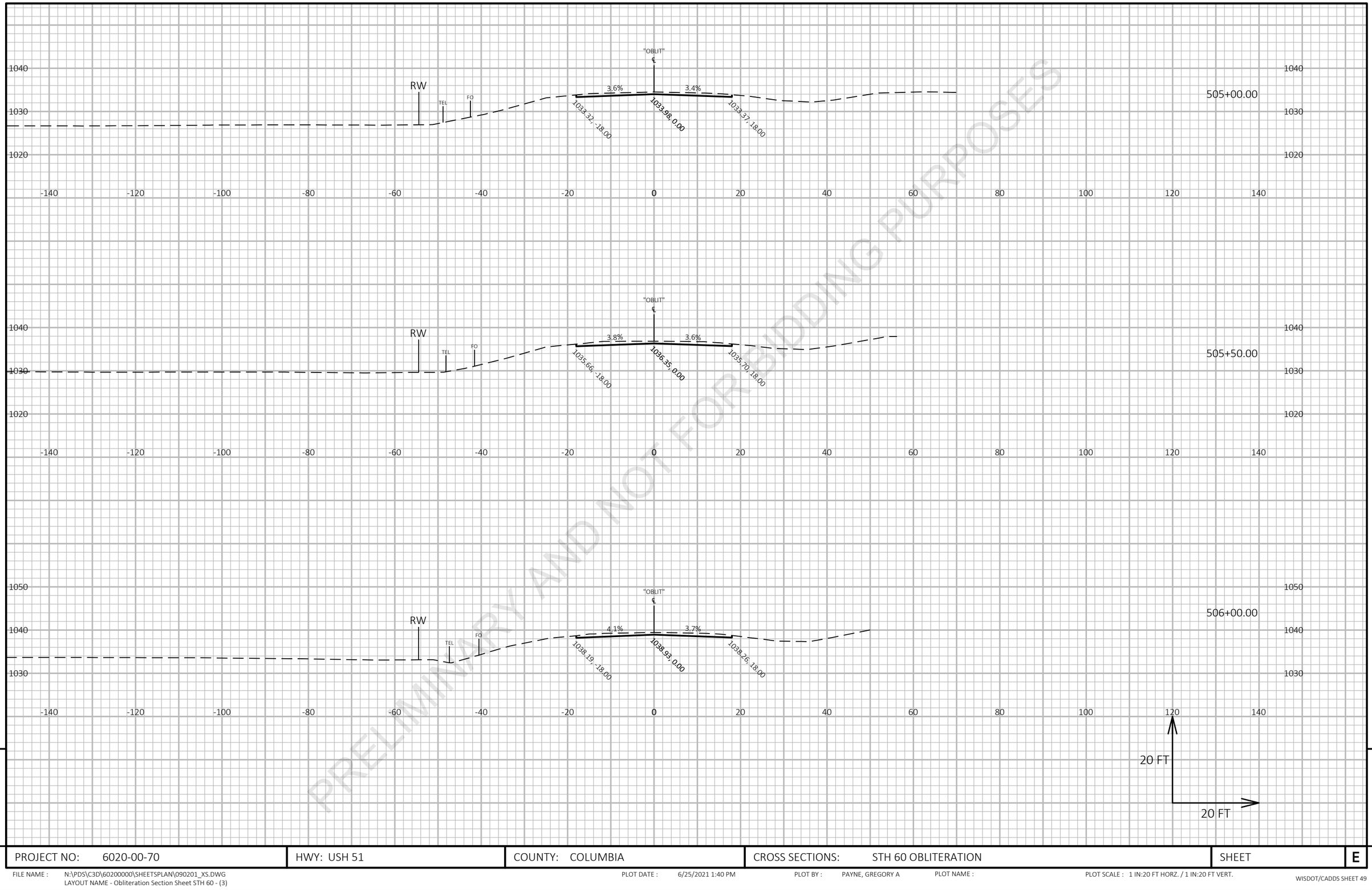
PRELIMINARY AND NOT FOR BIDDING PURPOSES

9

9

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: STH 60 OBLITERATION	SHEET E

FILE NAME : N:\PDS\C3D\60200000\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - Obliteration Section Sheet STH 60 - (2)
PLOT DATE : 6/25/2021 1:40 PM
PLOT BY : PAYNE, GREGORY A
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49



PRELIMINARY AND NOT FOR BIDDING PURPOSES

9

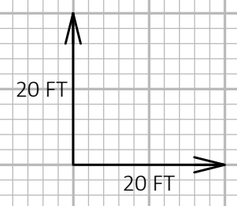
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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: STH 60 OBLITERATION	SHEET	E

FILE NAME : N:\PDS\C3D\60200000\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - Obliteration Section Sheet STH 60 - (3)

PLOT DATE : 6/25/2021 1:40 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.





PRELIMINARY AND NOT FOR BIDDING PURPOSES

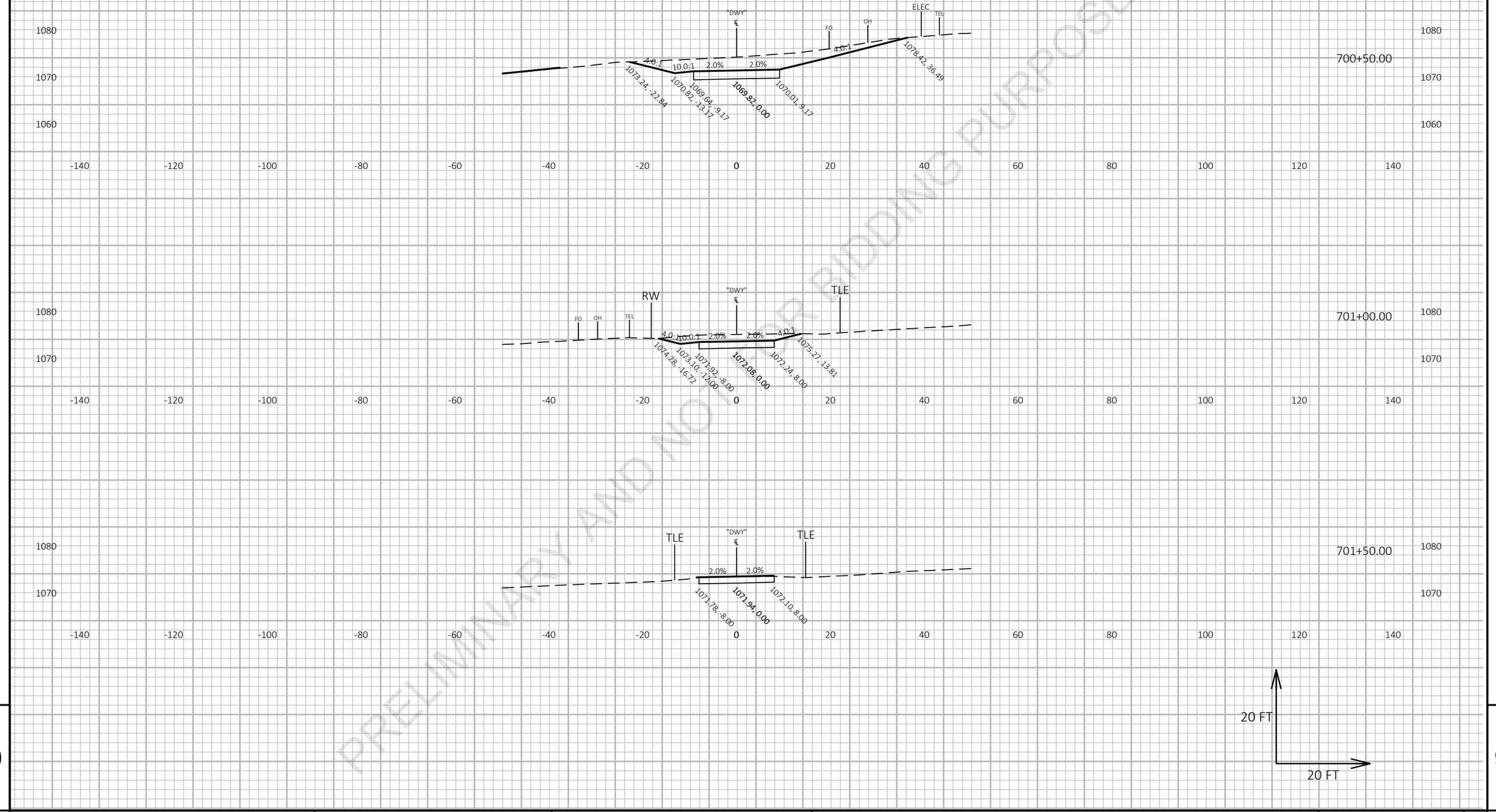
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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: STH 60 OBLITERATION	SHEET	E

FILE NAME : N:\PDS\C3D\60200000\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - Obliteration STH 60 Section Sheet - (4)

PLOT DATE : 6/25/2021 1:41 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



PRELIMINARY AND NOT FOR BIDDING PURPOSES

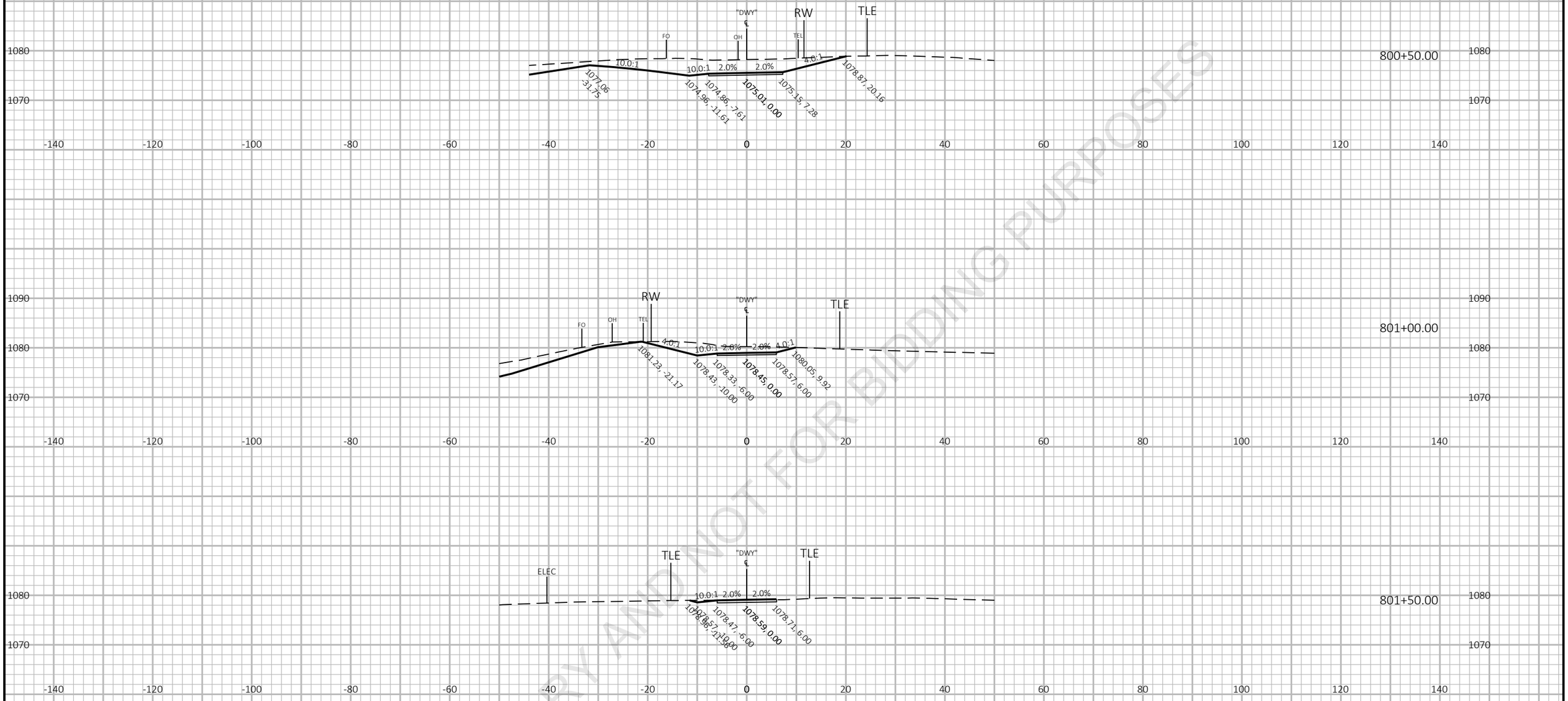
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PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: STA. 117+25 DRIVEWAY	SHEET	E

FILE NAME : \\FIWMAD7P3158\N3PUBLIC\PDS\C3D\60200000\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 117 DWY Section Sheet - (1)

PLOT DATE : 6/25/2021 10:52 AM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



PRELIMINARY AND NOT FOR BIDDING PURPOSES

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9

PROJECT NO: 6020-00-70	HWY: USH 51	COUNTY: COLUMBIA	CROSS SECTIONS: STA. 118+75 DRIVEWAY	SHEET E

FILE NAME : N:\PDS\C3D\60200000\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 118 DWY Section Sheet - (1)

PLOT DATE : 6/25/2021 1:41 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.