MAD

PROJECT ID: 1111-03-72

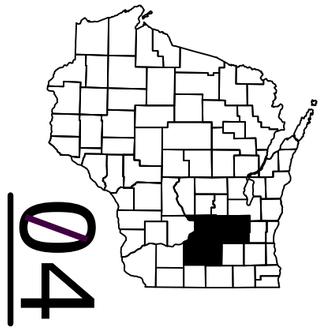
COUNTY: DANE, COLUMBIA, DODGE

NOVEMBER 2018

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 = 984



04

N

DESIGN DESIGNATION 1111-03-72

A.A.D.T.	(2018)	=	25,300
A.A.D.T.	(2038)	=	31,800
D.H.V.	(12.9%)	=	4,102
D.D.		=	60/40
T.		=	15.4%
DESIGN SPEED		=	70 MPH
ESALS		=	12,000,000 (FLEXIBLE)

CONVENTIONAL SYMBOLS

PLAN

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

PROFILE

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

UTILITIES

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

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

SUN PRAIRIE - BEAVER DAM

CTH VV TO STH 73

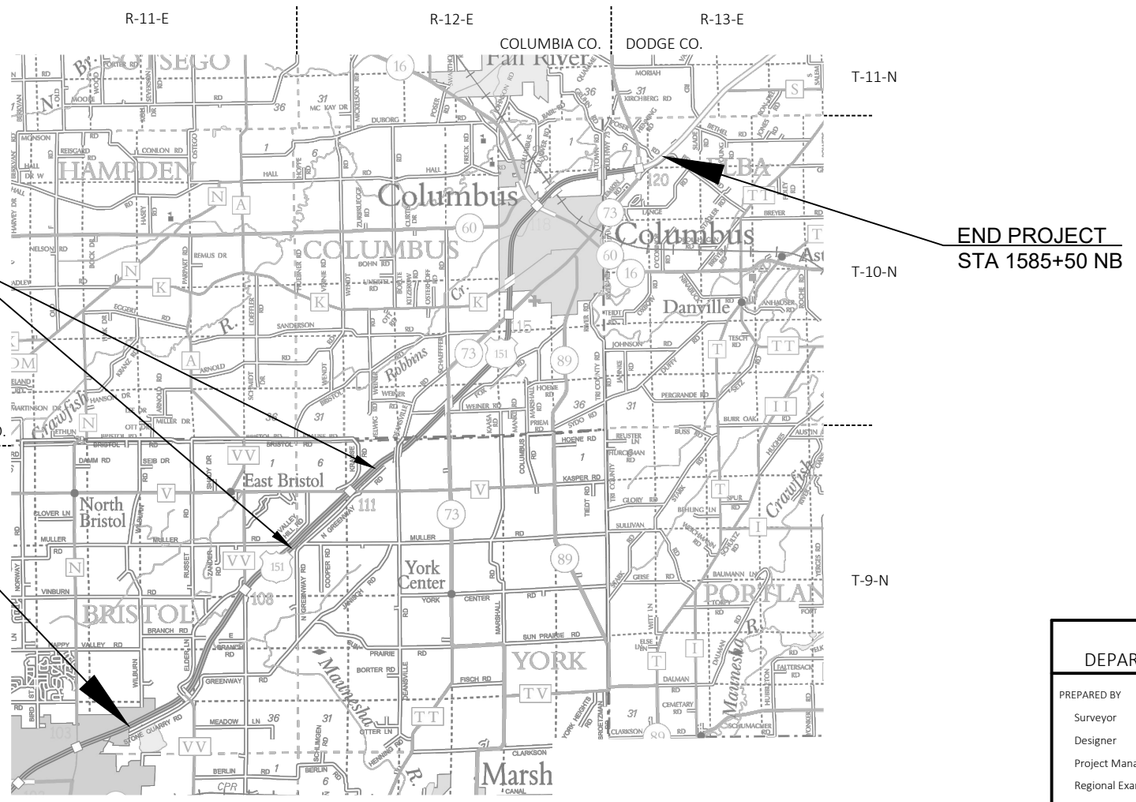
USH 151

DANE, COLUMBIA AND DODGE COUNTIES

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1111-03-72	WISC 2018437	1

STATE PROJECT NUMBER

1111-03-72



LAYOUT

SCALE 0 3 MI

TOTAL NET LENGTH OF CENTERLINE = 13.611 MI.

COORDINATES ON THIS PLAN ARE REFERENCED TO THE WISCONSIN COUNTY COORDINATE SYSTEM (WCCS), DANE COUNTY ZONE, NAD 83 (2011) AND COLUMBIA COUNTY ZONE, NAD 83 (2011).

ELEVATIONS SHOWN ON THIS PLAN ARE REFERENCED TO THE NORTH AMERICAN DATUM OF 2011 (NAVD 88).

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	JOHN MORAN
Designer	VALERIE GUIDER
Project Manager	AMY COUGHLIN
Regional Examiner	SW REGION
Regional Supervisor	BRENDA SCHOENFELD

APPROVED FOR THE DEPARTMENT

DATE: 4/30/2018 Amy Coughlin (Signature)

E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\010101_TI.DWG PLOT DATE : 4/23/2018 1:06 PM PLOT BY : JOHNSON, JOHN R PLOT NAME :

GENERAL NOTES

EROSION CONTROL FEATURES AS SHOWN IN THE PLANS ARE AT SUGGESTED LOCATIONS. EXACT LOCATIONS WILL BE DETERMINED BY THE CONTRACTOR'S EROSION CONTROL IMPLEMENTATION PLAN (ECIP) AND APPROVED BY THE ENGINEER IN CONSULTATION WITH THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES. ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED UNTIL SUCH TIME AS THE ENGINEER DETERMINES THE MEASURE IS NO LONGER NECESSARY. THE PRIME CONTRACTOR IS RESPONSIBLE FOR REMOVING THESE ITEMS WHEN NO LONGER NECESSARY.

THE LOCATIONS OF EXISTING UTILITY FACILITIES AS SHOWN ON THE PLANS ARE APPROXIMATE. COORDINATE 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.

ADJUST THE LOCATIONS OF CONTRACT ITEMS UNDER THE CONTRACT TO AVOID CONFLICTS WITH THE EXISTING UTILITY FACILITIES, UNLESS OTHERWISE SPECIFIED IN THE CONTRACT SPECIAL PROVISIONS.

THE CONTRACTORS PAVING OPERATIONS SHALL BE CONSISTENT WITH THE PLAN TYPICAL SECTIONS AND CONSTRUCTED TO PREVENT PAVEMENT HMA LONGITUDINAL JOINTS FROM BEING LOCATED WITHIN A DRIVING, TURNING, BIKE, OR PARKING LANE.

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

THE CONTRACTOR WILL BE RESPONSIBLE FOR SEEDING ANY PREVIOUSLY GRASSED AREAS WHICH WERE DISTURBED BY HIS OPERATIONS OUTSIDE OF THE NORMAL CONSTRUCTION LIMITS.

NUMBER, LOCATION AND SPACING OF SIGNS AND DEVICES, AS SHOWN IN THE PLANS, SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

ALL DISTURBED AREAS SHALL BE RESTORED WITH SALVAGED TOPSOIL, FERTILIZER, SEEDING AND EROSION MAT.

MATCH GRADING IN AROUND UNDERDRAIN OUTFALL ENDWALLS.

SECTION 2 SHEETS:

PROJECT OVERVIEW
STRUCTURES OVERVIEW
TYPICAL SECTIONS
CONSTRUCTION DETAILS
PLAN DETAILS
EROSION CONTROL
STORM SEWER
PERMANENT SIGNING
TRAFFIC CONTROL
CONSTRUCTION STAGING
DETOUR
ALIGNMENT DETAIL

UTILITIES

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AT&T WISCONSIN - COMMUNICATION LINE
70 E. DIVISION ST.
FOND DU LAC, WI 54935
(920) 929-1013
cb1461@att.com

SHAWN PIETRZAK
ADAMS-COLUMBIA ELECTRIC COOPERATIVE - ELECTRICITY
401 E. LAKE ST.
P.O. BOX 70
FRIENDSHIP, WI 53934
(800) 831-8629 EXT. 323
spietrzak@acecwi.com

ERIC ANTHON
COLUMBUS WATER AND LIGHT DEPT. - ELECTRICITY
950 MAPLE AVENUE
P.O. BOX 228
COLUMBUS, WI. 53925-0228
(920) 623-5912
eanthon@columbuswaterandlight.com

CALVIN KLADE
FRONTIER COMMUNICATIONS OF WI LLC - COMMUNICATION LINE
1851 N. 14TH AVE.
WAUSAU, WI 54401
(715) 847-1525
calvin.klade@ftr.com

DOUG VOSBERG
ATC MANAGEMENT, INC. - ELECTRICITY
5303 FEN OAK DRIVE
MADISON, WI 53718
(920) 338-6523
dvosberg@atclic.com

KIRK UPPERMAN
CHARTER COMMUNICATIONS - COMMUNICATION LINE
2701 DANIELS ST.
MADISON, WI. 53718
(608) 209-3206
kirk.upperman@charter.com

ADAM MARING
WE ENERGIES - GAS/PETROLEUM
N3025 14TH AVE
MONROE, WI 53566
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adam.maring@we-energies.com

DESIGN CONTACTS

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PROJECT MANAGER
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MADISON, WI. 53704
(608) 245-5358

SURVEY CONTACT

SURVEY COORDINATOR
JOHN MORAN
DEPT. OF TRANSPORTATION
2101 WRIGHT ST.
MADISON, WI 53704
(608) 516-6538

WI. DEPARTMENT OF NATURAL RESOURCES LIASON

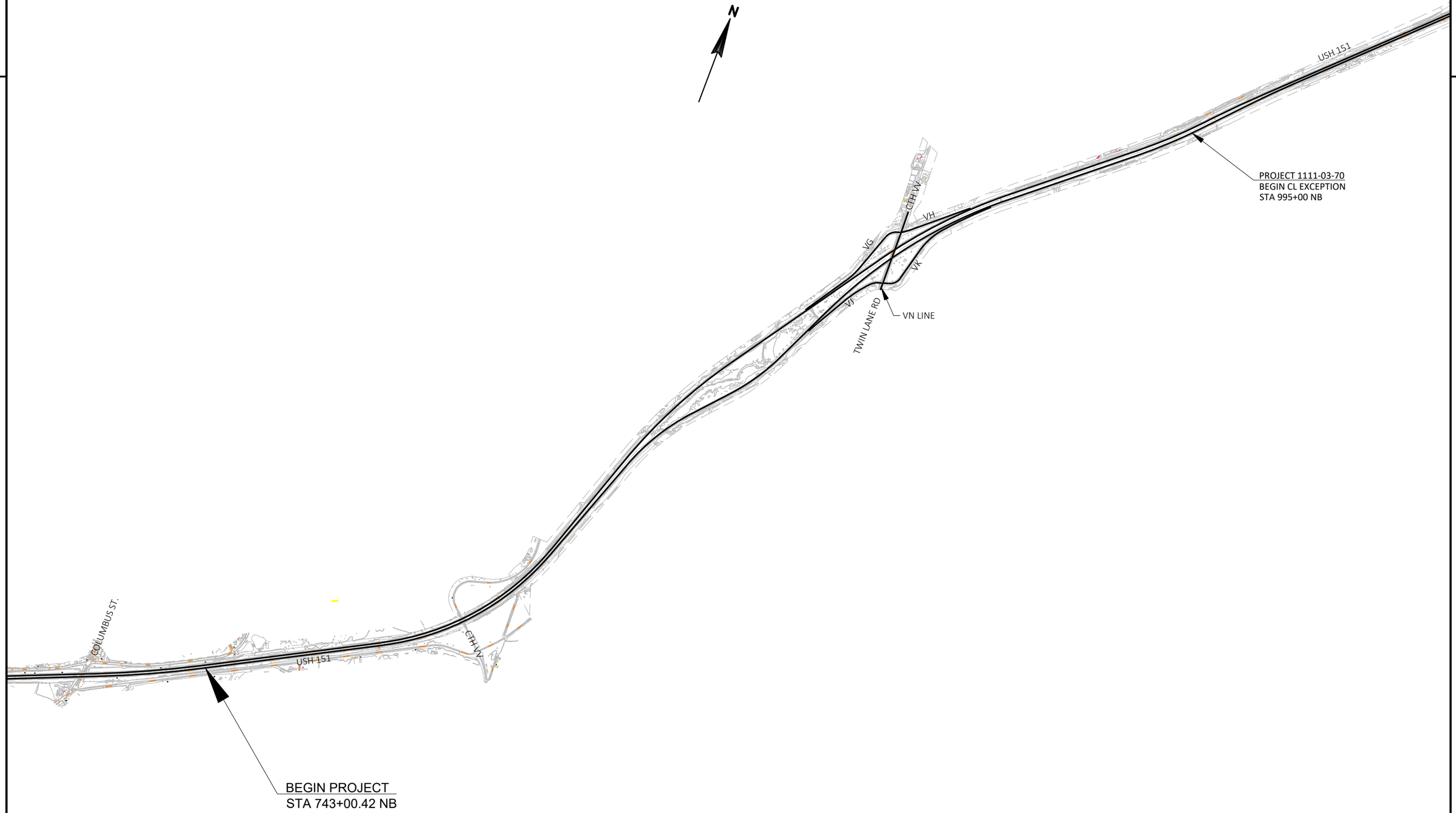
ERIC HEGGELUND
3911 FISH HATCHERY ROAD
FITCHBURG, WI. 53711-5397
(608) 275-3301
eric.heggelund@wisconsin.gov

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

STANDARD ABBREVIATIONS

AP	ACCESS POINT
AC	ACRE
ADJ	ADJUST
AECPRC	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE
AH	AHEAD
AC	ASPHALT CEMENT
ASPH	ASPHALTIC
ACP	ASPHALTIC PAVEMENT CONCRETE
AVG	AVERAGE
ADT	AVERAGE DAILY TRAFFIC
BK	BACK
BAD	BASE AGGREGATE DENSE
BM	BENCH MARK
CB	CATCH BASIN
C/L	CENTER LINE
C/L CONST	CENTER LINE CONSTRUCTION
	CENTRAL ANGLE OR DELTA
CL	CLASS
CONC	CONCRETE
CONST	CONSTRUCTION
CMCP	CORRUGATED METAL CULVERT PIPE
CTH	COUNTY TRUNK HIGHWAY
CABC	CRUSHED AGGREGATE BASE COURSE
CFS	CUBIC FEET PER SECOND
CY	CUBIC YARD
CP	CULVERT PIPE
CPCS	CULVERT PIPE CORRUGATED STEEL
CPRC	CULVERT PIPE REINFORCED CONCRETE
CPRCHE	CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL
C & G	CURB AND GUTTER
D	DEGREE OF CURVE
DRV	DESIGN HOUR VOLUME
DIA	DIAMETER
DD	DIRECTIONAL DISTRIBUTION
DWY	DRIVEWAY
E	EAST
X	EAST GRID COORDINATE
EB	EASTBOUND
EL	ELEVATION
ESALS	EQUIVALENT SINGLE AXLE LOADS
EXC	EXCAVATION
EBS	EXCAVATION BELOW SUBGRADE
EXIST	EXISTING
FPS	FEET PER SECOND
FERT	FERTILIZE
FE	FIELD ENTRANCE
FL	FLOW LINE
FT	FOOT
GN	GRID NORTH
HES	HIGH EARLY STRENGTH
HP	HIGH POINT
HW	HIGH WATER
HMA	HOT MIX ASPHALT
CWA	HUNDREDWEIGHT
HYD	HYDRANT
INL	INLET
ID	INSIDE DIAMETER
I	INTERSECTION ANGLE
INV	INVERT
IP	IRON PIPE OR PIN
JT	JOINT
LT	LEFT
L	LENGTH OF CURVE
LF	LINEAR FOOT
LP	LOW POINT
LS	LUMP SUM
MH	MANHOLE
MAX	MAXIMUM
Mgal	MEGAGALLON
MPH	MILES PER HOUR
MIN	MINIMUM
MON	MONUMENT
NOM	NOMINAL
NC	NORMAL CROWN
N	NORTH
Y	NORTH GRID COORDINATE
NB	NORTHBOUND
NO	NUMBER
OPT	OPTIONAL
OD	OUTSIDE DIAMETER
PAVT	PAVEMENT
PLE	PERMANENT LIMITED EASEMENT
PACS	PIPE ARCH CORRUGATED STEEL
PT	POINT
PC	POINT OF CURVATURE
PI	POINT OF INTERSECTION
PT	POINT OF TANGENCY
PVC	POINT OF VERTICAL CURVE
PVI	POINT OF VERTICAL INTERSECTION
PVT	POINT OF VERTICAL TANGENCY
PVC	POLYVINYL CHLORIDE
PCC	PORTLAND CEMENT CONCRETE
LB	POUND
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PE	PRIVATE ENTRANCE
PGL	PROFILE GRADE LINE
PL	PROPERTY LINE
Q100	100 YEAR FLOW RATE
R	RADIUS
RR	RAILROAD
R	RANGE
R/L	REFERENCE LINE
REINF	REINFORCING OR REINFORCEMENT
REQD	REQUIRED
RT	RIGHT
R/W	RIGHT-OF-WAY
RD	ROAD
RDWY	ROADWAY
SEC	SECTION CORNER
SHLDR	SHOULDER
S	SOUTH
SB	SOUTHBOUND
SQ	SQUARE
SF	SQUARE FEET
SW	SIDEWALK
SY	SQUARE YARD
SDD	STANDARD DETAIL DRAWINGS
STH	STATE TRUNK HIGHWAYS
STA	STATION
SS	STORM SEWER
SSPRC	STORM SEWER PIPE REINFORCED CONCRETE
ST	STREET
STR	STRUCTURE OR STRUCTURAL
SE	SUPERELEVATION
T	TANGENT
TEMP	TEMPORARY
TI	TEMPORARY INTEREST
TLE	TEMPORARY LIMITED EASEMENT
t	TON
T	TOWN
T/L	TRANSIT LINE
T	TRUCKS (PERCENT OF)
TYP	TYPICAL
USH	UNITED STATES HIGHWAY
VAR	VARIABLE
V	VELOCITY OF DESIGN SPEED
VERT	VERTICAL
VC	VERTICAL CURVE
VOL	VOLUME
WM	WATER MAIN
WV	WATER VALVE
W	WEST
WB	WESTBOUND
Y	YARD

2



PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	PROJECT OVERVIEW - DANE COUNTY	SHEET 4	E



2

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	PROJECT OVERVIEW - COLUMBIA COUNTY	SHEET 5	E

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LAYOUT NAME - PO COLUMBIA
PLOT DATE : 4/23/2018 1:50 PM
PLOT BY : JOHNSON, JOHN R
PLOT NAME :
PLOT SCALE : Custom
WISDOT/CADDS SHEET 42

2

B-11-078
REPAIR & RESEAL
SLOPE PAVING

B-11-076
REPAIR & RESEAL
SLOPE PAVING
RAISE CONCRETE
APPROACH SLABS
AND SHOULDERS

B-11-080
REPAIR & RESEAL
SLOPE PAVING

B-14-06
REPAIR & RESEAL
SLOPE PAVING

B-11-81
REPAIR & RESEAL
SLOPE PAVING

B-11-075
REPAIR & RESEAL
SLOPE PAVING

B-11-79
REPAIR & RESEAL
SLOPE PAVING
REPLACE CONCRETE
APPROACH SLABS

B-11-073
REPAIR & RESEAL
SLOPE PAVING
RAISE CONCRETE
APPROACH SLABS
& SHOULDERS

B-11-82
REPAIR & RESEAL
SLOPE PAVING

B-11-86
CLEANING BOX
CULVERT B-11-86

B-11-77
REPAIR & RESEAL
SLOPE PAVING
REPLACE CONCRETE
APPROACH SLABS

B-13-288
REPAIR & RESEAL
SLOPE PAVING

B-11-74
RECONFIGURE & RESEAL
SB SIDE SLOPE PAVING
REPAIR AND RESEAL
NB SIDE SLOPE PAVING

B-13-290
REPAIR & RESEAL
SLOPE PAVING

B-13-284
REPAIR & RESEAL
SLOPE PAVING
RAISE CONCRETE
APPROACH SLABS
& SHOULDERS

B-13-283
REPAIR & RESEAL
SLOPE PAVING
RAISE CONCRETE
APPROACH SLABS
& SHOULDERS

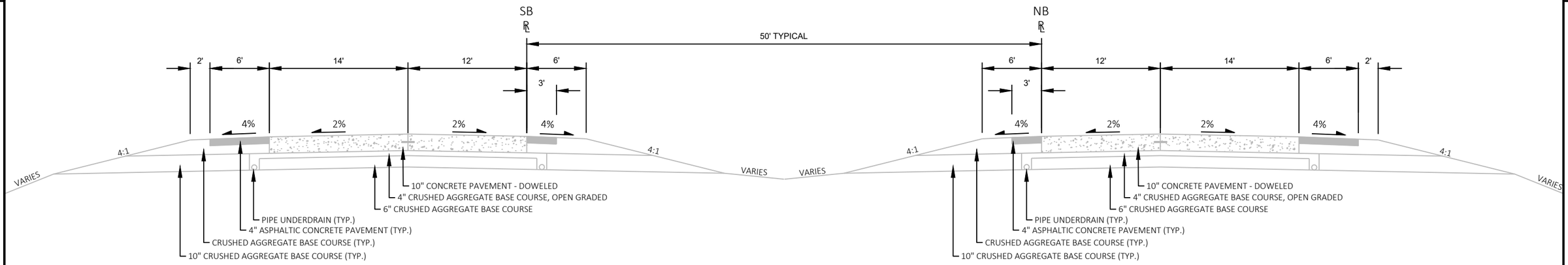
B-13-285
RECONFIGURE & RESEAL
NB SIDE SLOPE PAVING
REPAIR AND RESEAL
SB SIDE SLOPE PAVING

B-13-293
RAISE CONCRETE
APPROACH SLABS
& SHOULDERS

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE, COLUMBIA & DODGE	STRUCTURES OVERVIEW	SHEET 6	E

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PLOT BY : JOHNSON, JOHN R
PLOT NAME :
PLOT SCALE : ############
WISDOT/CADDS SHEET 42

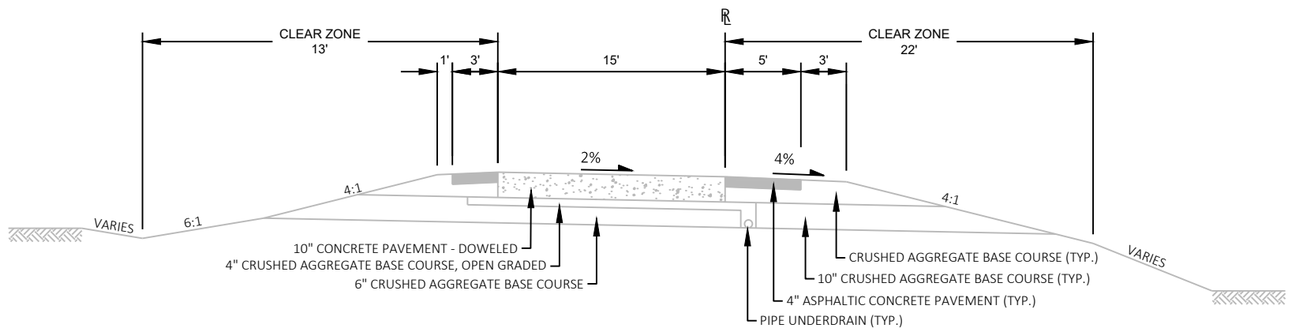
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EXISTING TYPICAL SECTION
USH 151

STA. 745+08 NB - STA. 995+00 NB
STA. 743+22 SB - STA. 995+00 SB
STA. 1118+85 NB - STA. 1585+50 NB
STA. 1118+85 SB - STA. 1330+00 SB

NB & SB CLEARZONE: CUT SLOPE = 24', FILL SLOPE = 50'

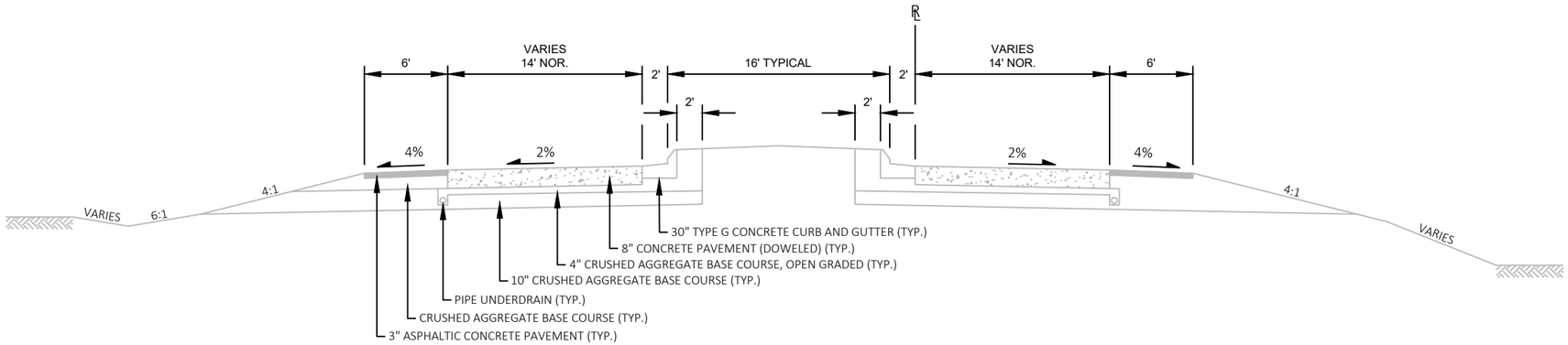


EXISTING TYPICAL SECTION

CTH VV INTERCHANGE RAMPS	SOUTH STH 73 INTERCHANGE RAMPS
VG LINE	DJ LINE
VH LINE	DK LINE
VJ LINE	DL LINE
VK LINE	

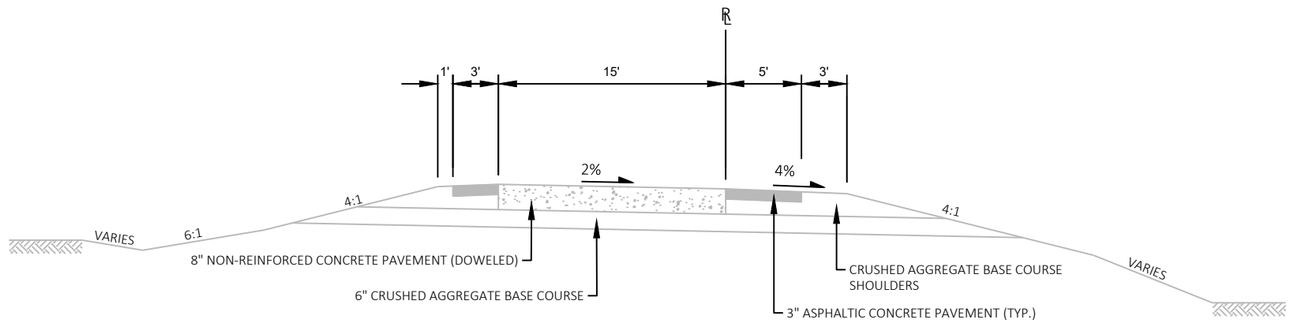
PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE AND COLUMBIA	EXISTING TYPICAL SECTIONS	SHEET 7	E

2



EXISTING TYPICAL SECTION
CTH VV

STA. 25+45VN - STA. 41+00VN



EXISTING TYPICAL SECTION

NORTH STH 73 INTERCHANGE RAMP

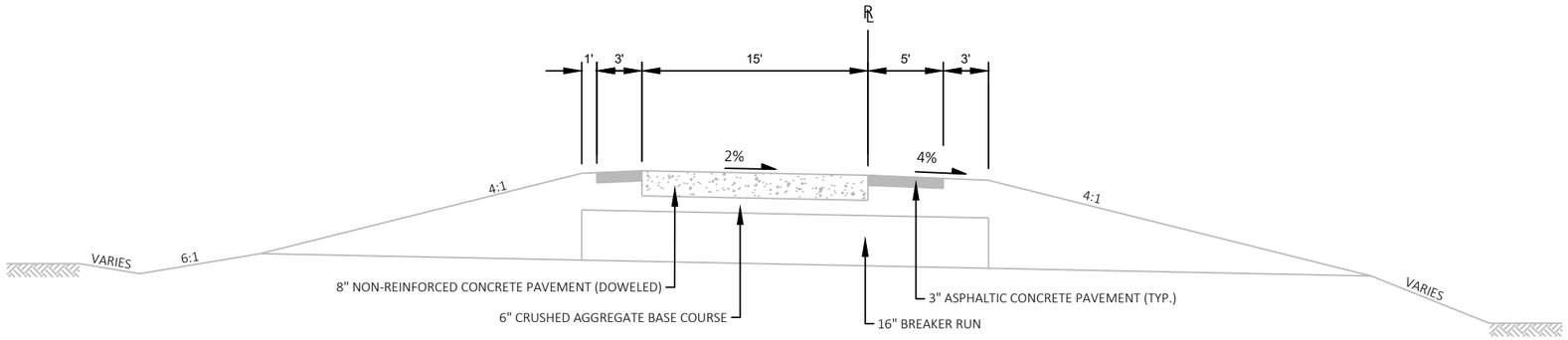
KL LINE
KM LINE
KN LINE
KO LINE

SOUTH STH 73 INTERCHANGE RAMP

DF LINE

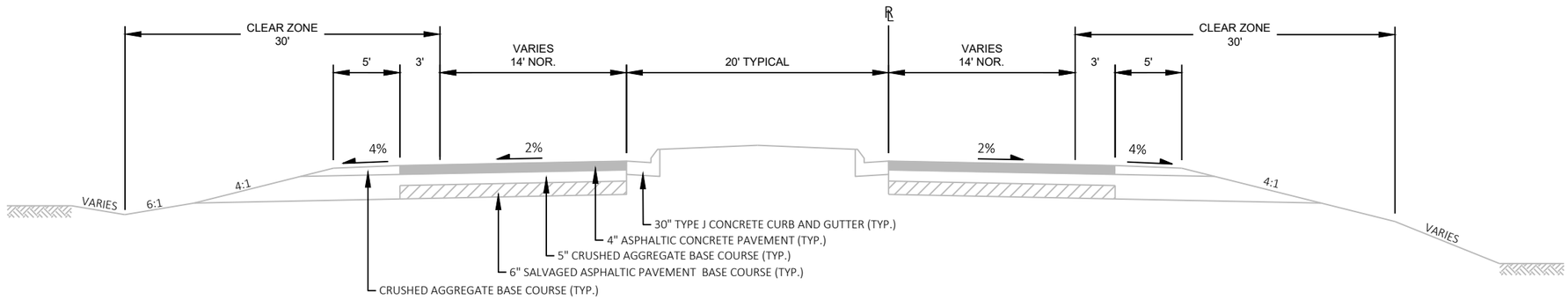
PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE AND COLUMBIA	EXISTING TYPICAL SECTIONS	SHEET 8	E

2



EXISTING TYPICAL SECTION
STH 16/60 INTERCHANGE RAMPS

GH LINE
GJ LINE
GK LINE
GL LINE

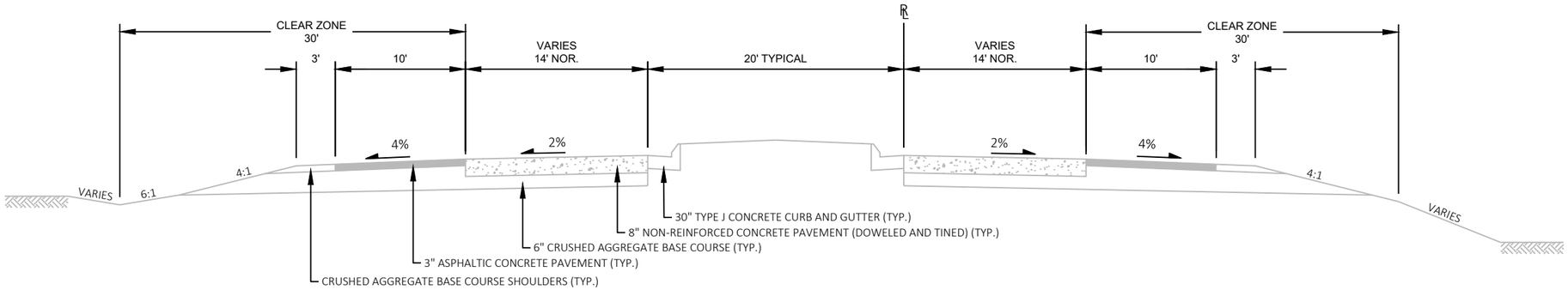


EXISTING TYPICAL SECTION
STH 73

STA. 90+46K - STA. 94+19K

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE AND COLUMBIA	EXISTING TYPICAL SECTIONS	SHEET 9	E

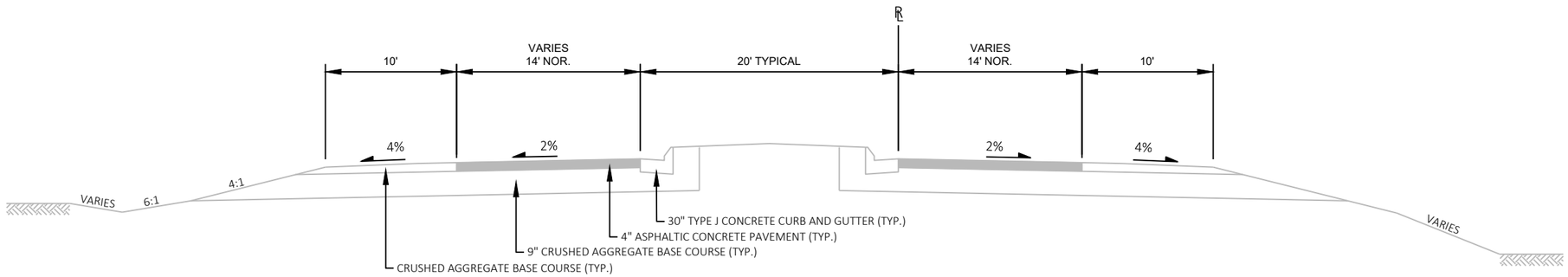
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EXISTING TYPICAL SECTION

STH 73

STA. 94+19K - STA. 98+28K



EXISTING TYPICAL SECTION

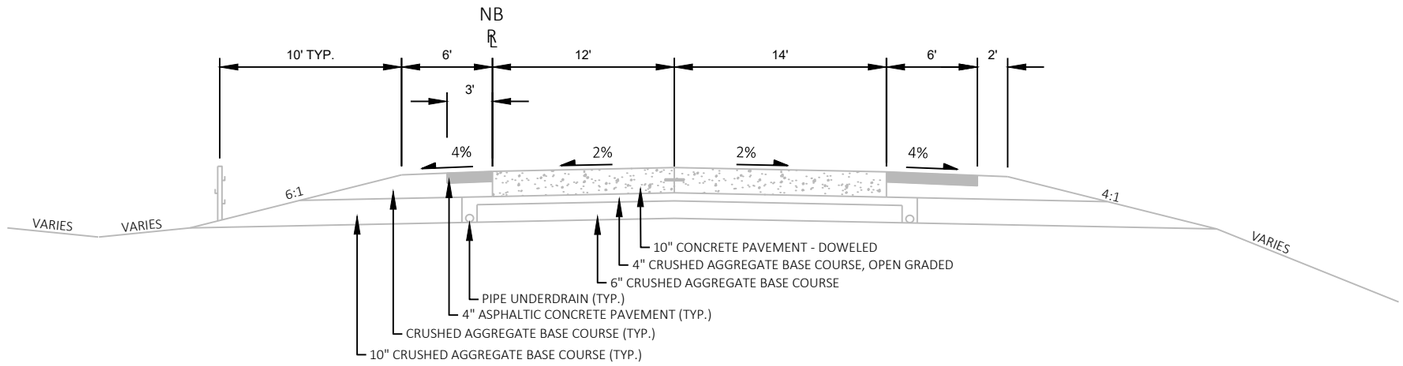
STH 73

STA. 100+93K - STA. 107+25K

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	EXISTING TYPICAL SECTIONS	SHEET 10	E

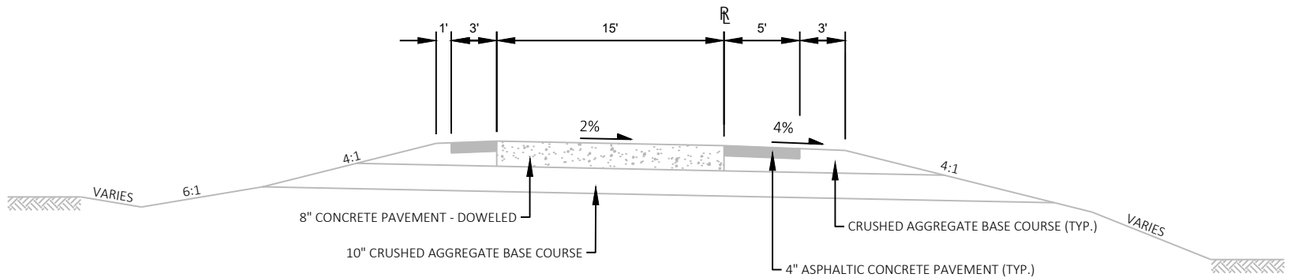
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LAYOUT NAME - 04
PLOT DATE : 5/22/2018 10:04 AM
PLOT BY : JOHNSON, JOHN R
PLOT NAME :
PLOT SCALE : ##########
WISDOT/CADDS SHEET 42

2



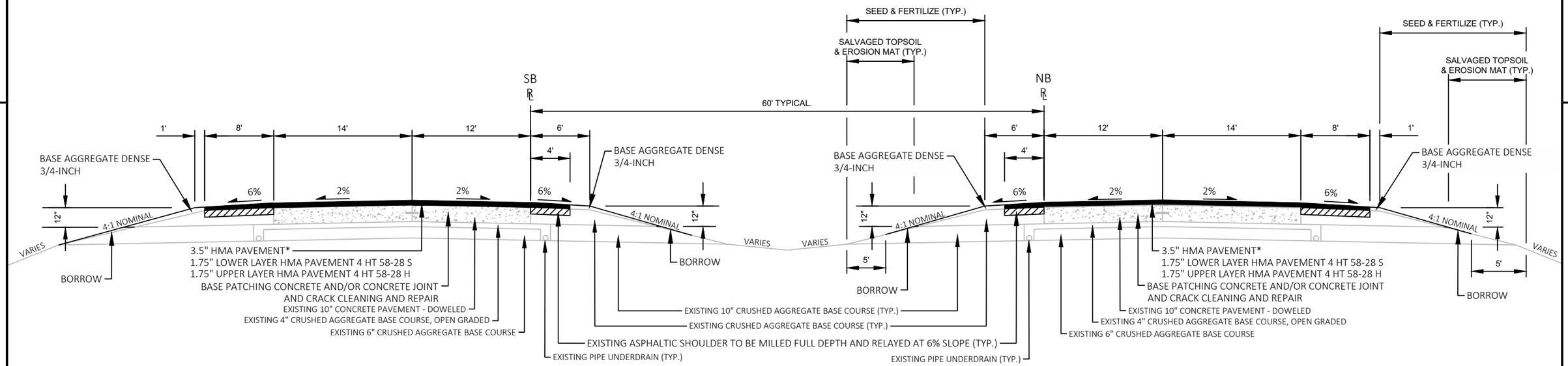
EXISTING CABLE BARRIER TYPICAL SECTION
USH 151

STA. 745+08 NB - STA. 845+00 NB



EXISTING TYPICAL SECTION
CTH VV INTERCHANGE RAMP APRONS

STA. 927+75 VG - STA. 928+86 VG
STA. 928+16 VH - STA. 929+75 VH
STA. 917+75 VJ - STA. 918+98 VJ
STA. 918+32 VK - STA. 919+75 VK

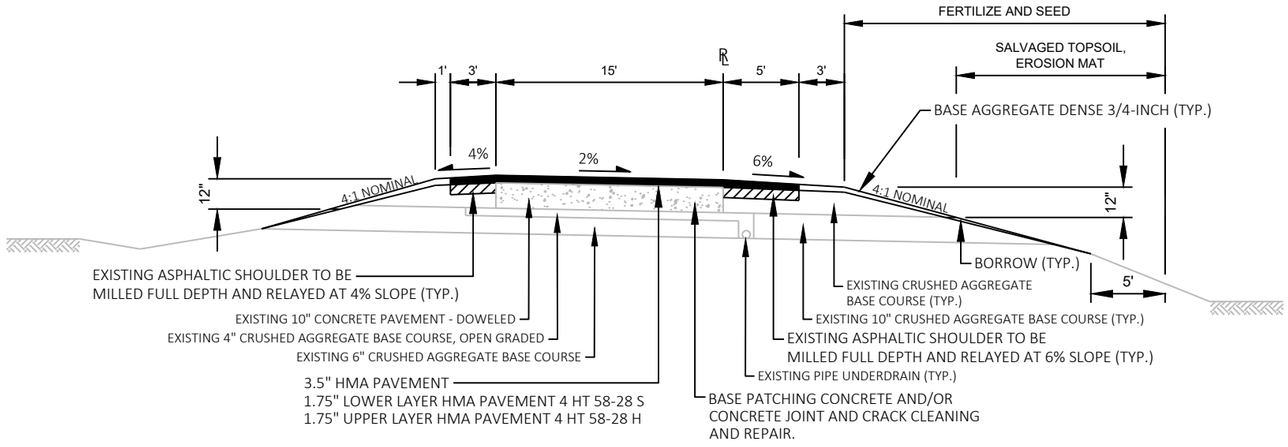


PROPOSED TYPICAL SECTION

USH 151

STA. 745+08 NB - STA. 998+00 NB
STA. 743+22 SB - STA. 995+00 SB
STA. 1115+85 NB - STA. 1585+50 NB*
STA. 1118+85 SB - STA. 1330+00 SB

* STA. 1353+00 NB - STA. 1355+75 NB WILL BE PAVED WITH ONLY 1.75" HMA PAVEMENT 4 HT 58-28H SEE CONSTRUCTION DETAIL.

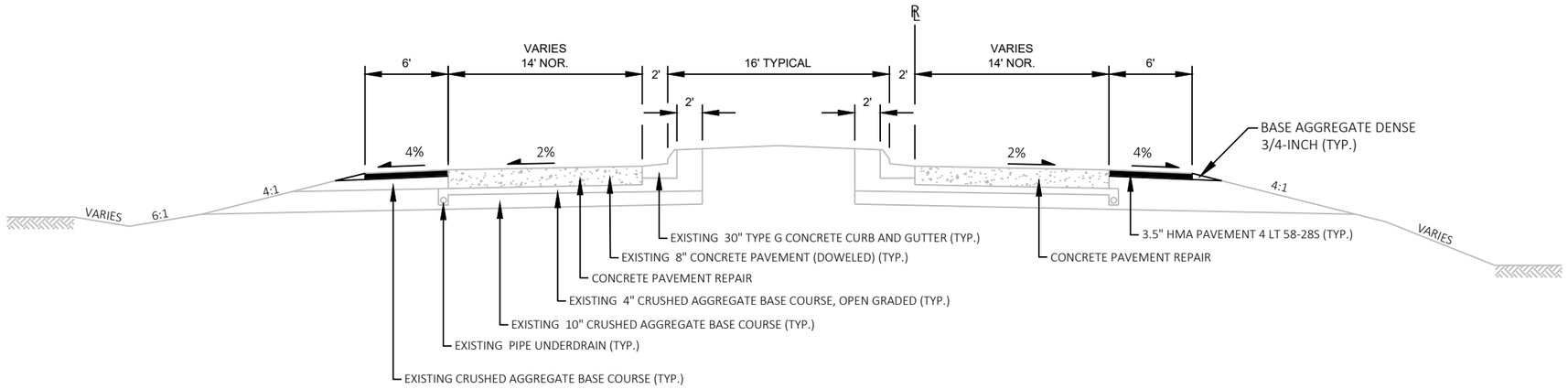


PROPOSED TYPICAL SECTION

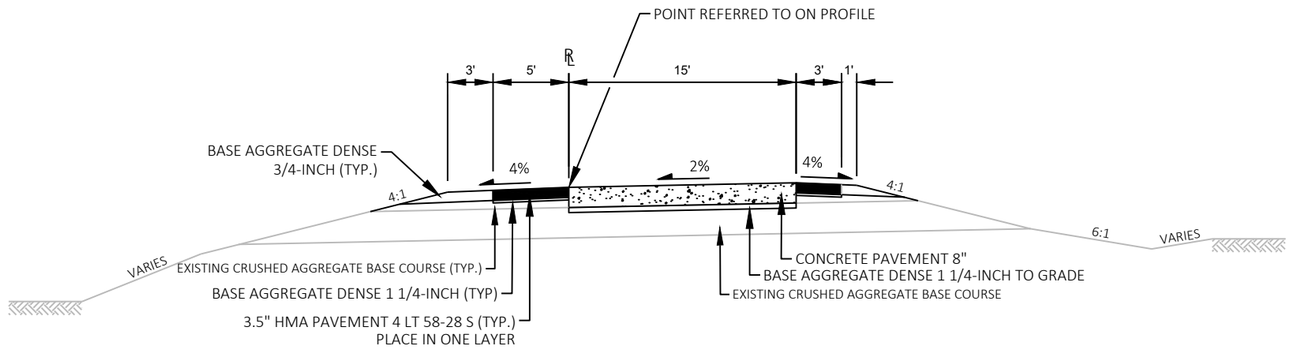
STA. 901+70.90 VG - STA. 927+75 VG
STA. 929+75 VH - STA. 944+04.08 VH
STA. 899+59.27 VJ - STA. 917+75 VJ
STA. 919+75 VK - STA. 948+20.55 VK
STA. 1291+89.36 DJ - STA. 1315+69 DJ
STA. 1299+72.99 DK - STA. 1322+58 DK
STA. 1326+30 DL - STA. 1351+43.88 DL

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE AND COLUMBIA	PROPOSED TYPICAL SECTIONS	SHEET 12	E

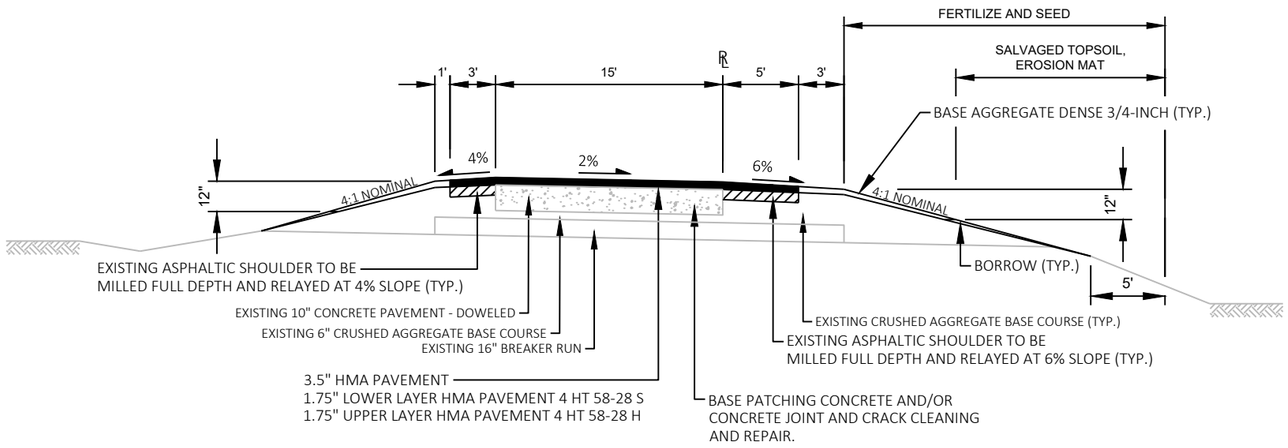
2



PROPOSED TYPICAL SECTION
CTH VV
STA. 25+45 VN - STA. 41+00 VN

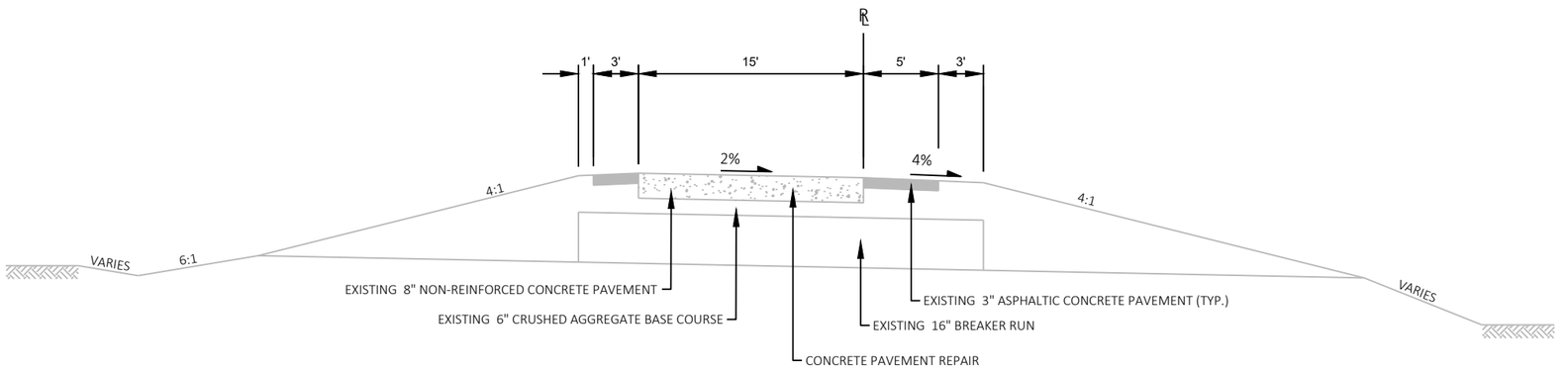


PROPOSED TYPICAL SECTION
STH 73 INTERCHANGE RAMP
STA. 1319+17 DF - STA. 1333+15 DF



PROPOSED TYPICAL SECTION

STA. 1418+45.34 GK - STA. 1435+06 GK
STA. 1443+72 GL - STA. 1467+15.74 GL

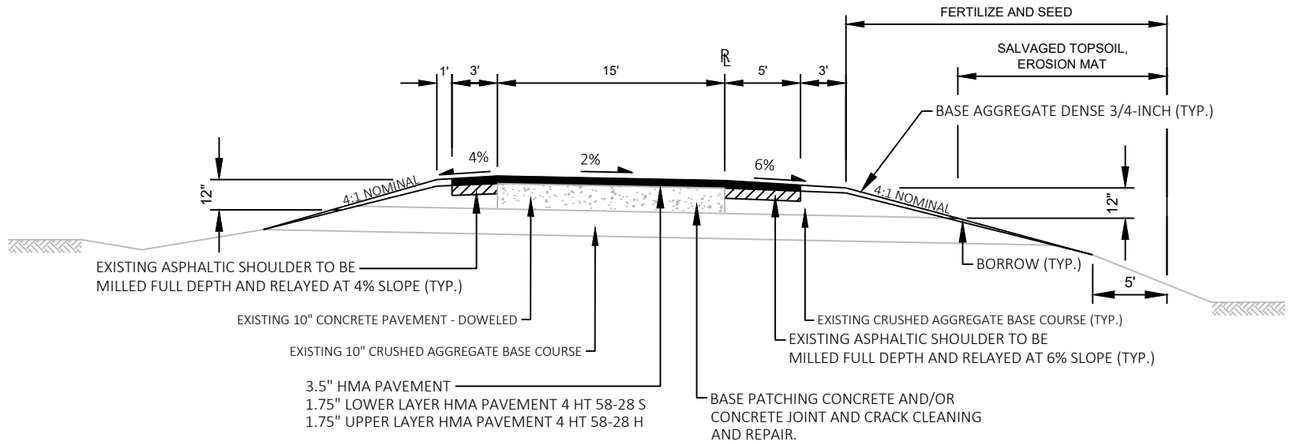


PROPOSED TYPICAL SECTION

STA. 1424+00 GH - STA. 1437+00 GH
STA. 1444+00 GJ - STA. 1455+00 GJ

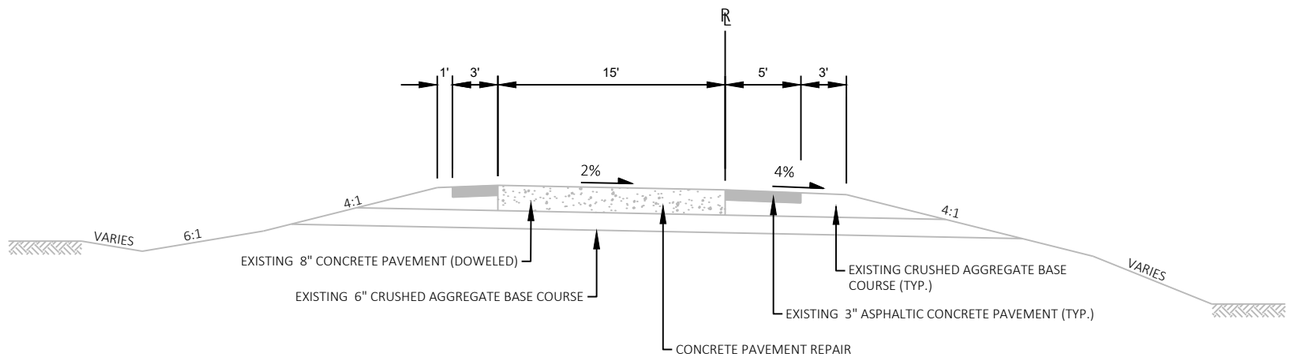
PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	PROPOSED TYPICAL SECTIONS	SHEET 14	E

2



PROPOSED TYPICAL SECTION

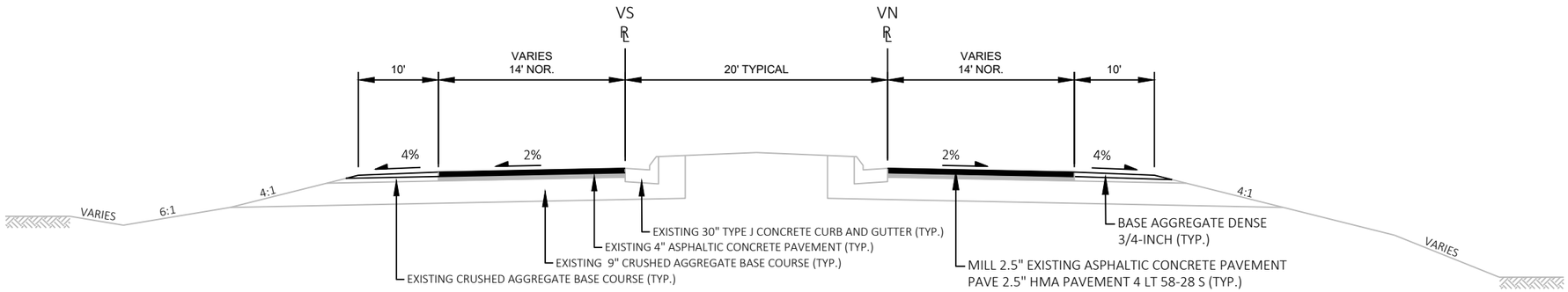
STA. 1534+31.01 KN -STA. 1552+34 KN
STA. 1561+10 KO - STA. 1578+86.99 KO



PROPOSED TYPICAL SECTION

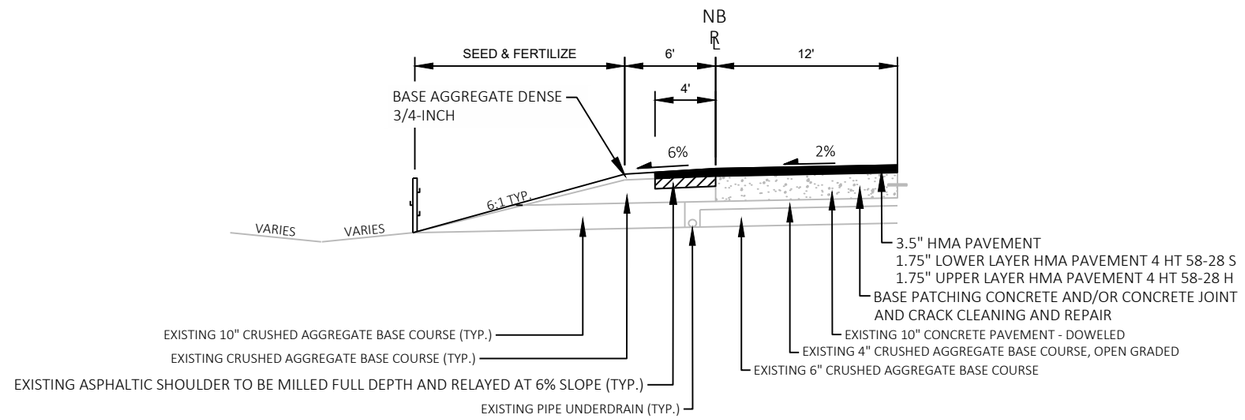
STA. 1542+50 KL - STA. 1556+25 KL
STA. 1556+40 KM - STA. 1569+50 KM
STA. 1552+34 KN - STA. 1554+72 KN
STA. 1553+62 KO - STA. 1561+10 KO

2



PROPOSED TYPICAL SECTION
STH 73

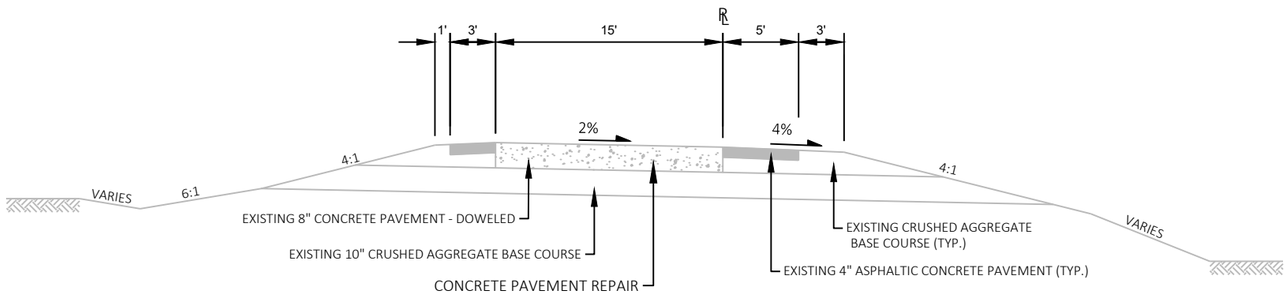
STA. 100+93 K - STA. 107+25 K



PROPOSED CABLE BARRIER TYPICAL SECTION
USH 151

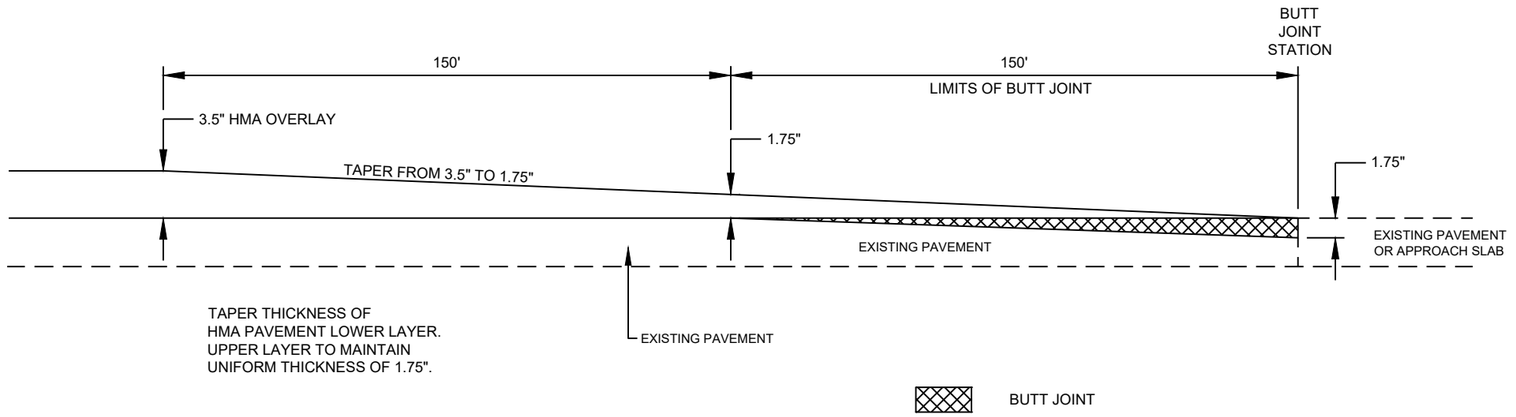
STA. 745+08 NB - STA. 845+00 NB

2



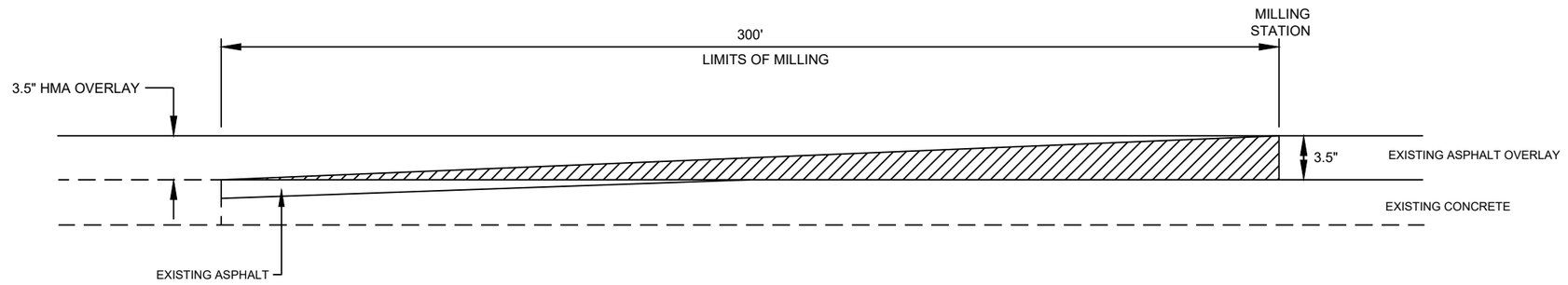
PROPOSED TYPICAL SECTION
CTH VV INTERCHANGE RAMP APRONS

STA. 927+75 VG - STA. 928+86 VG
STA. 928+16 VH - STA. 929+75 VH
STA. 917+75 VJ - STA. 918+98 VJ
STA. 918+32 VK - STA. 919+75 VK



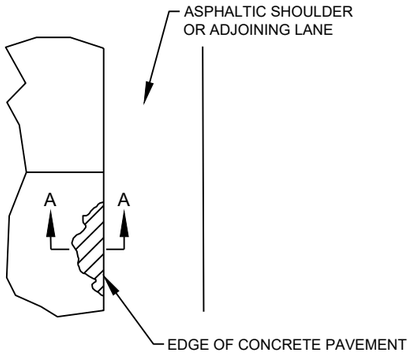
BUTT JOINT DETAIL

STA. 745+08 NB	STA. 1413+72 NB	STA. 743+22 SB	STA. 1205+95 SB	STA. 1326+30 DL
STA. 860+74 NB	STA. 1438+60 NB	STA. 893+50 SB	STA. 1330+00 SB	STA. 1435+06GK
STA. 861+82 NB	STA. 1440+80 NB	STA. 894+48 SB	STA. 927+75 VG	STA. 1443+72 GL
STA. 922+04 NB	STA. 1461+89 NB	STA. 923+88 SB	STA. 929+75 VH	STA. 1552+34 KN
STA. 924+86 NB	STA. 1463+99 NB	STA. 926+56 SB	STA. 917+75 VJ	STA. 1561+10 KO
STA. 1202+57 NB	STA. 1537+24 NB	STA. 995+00 SB	STA. 919+75 VK	
STA. 1204+85 NB	STA. 1539+12 NB	STA. 1118+85 SB	STA. 1315+69 DJ	
STA. 1411+31 NB	STA. 1585+50 NB	STA. 1203+70 SB	STA. 1322+58 DK	

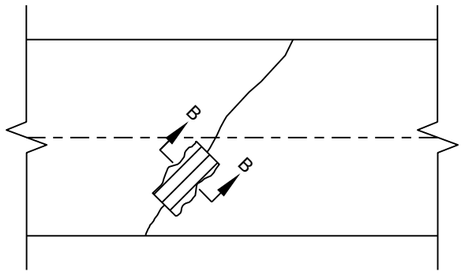


MILLING INTO PREVIOUS PROJECT

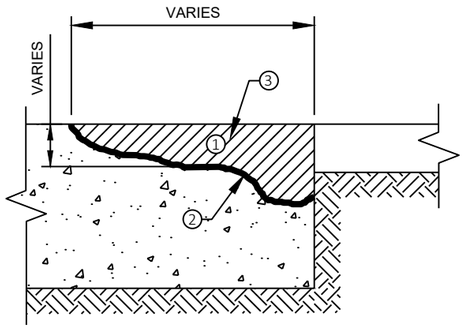
STA. 998+00 NB
STA. 1115+85 NB



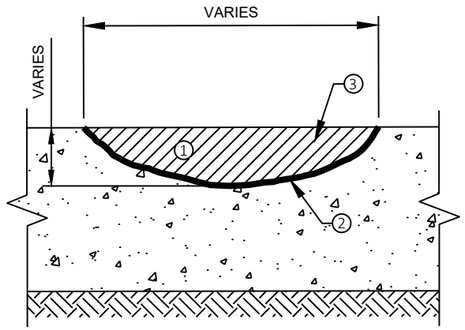
PLAN VIEW



PLAN VIEW



SECTION A-A



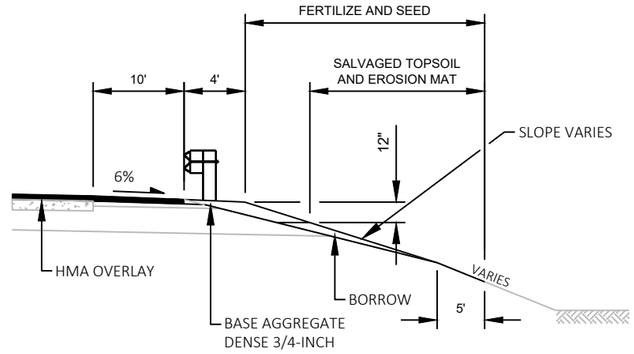
SECTION B-B

① REMOVE ALL UNSOUND AND DETERIORATED MATERIAL

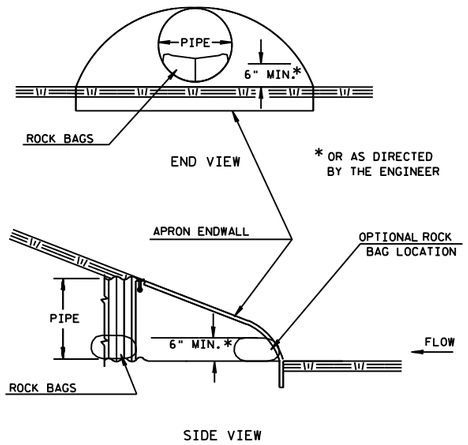
② BLOW OUT REPAIR AREAS WITH 80 PSI MINIMUM COMPRESSED AIR - TACK COAT REQUIRED - PAID FOR UNDER CONCRETE JOINT AND CRACK CLEANING AND REPAIR

③ ASPHALTIC SURFACE

CONCRETE JOINT AND CRACK CLEANING AND REPAIR



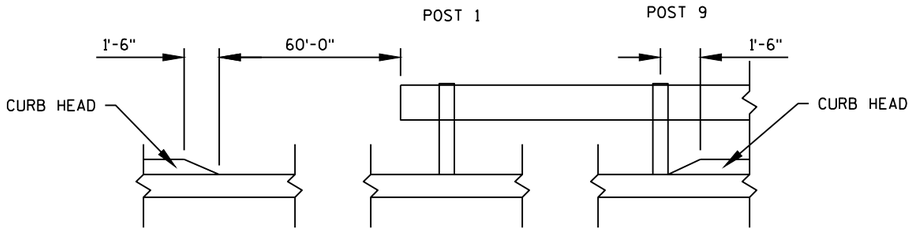
DETAIL FOR WIDENING FOR BEAM GUARD INSTALLATION
USH 151



SIDE VIEW

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

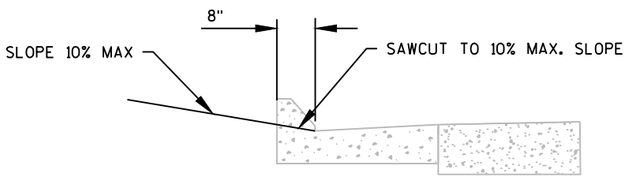
CULVERT PIPE CHECKS



PROFILE CURB CUT AT BULLNOSE TERMINAL LOCATIONS

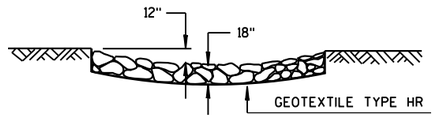
STA. 30+85VN - 31+93VN LT
STA. 30+85VS - 31+93VS RT
STA. 35+37VN - 36+45VN LT
STA. 35+37VS - 36+45VS RT

MAINTAIN EXISTING DRAINAGE PATTERNS

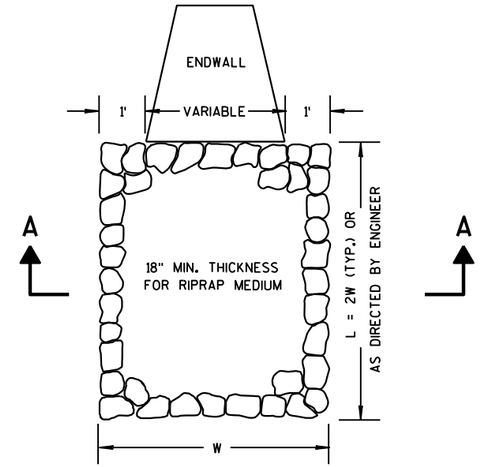


PROFILE CURB CUT AT BULLNOSE TERMINAL APPROACHES

MAINTAIN EXISTING DRAINAGE PATTERNS

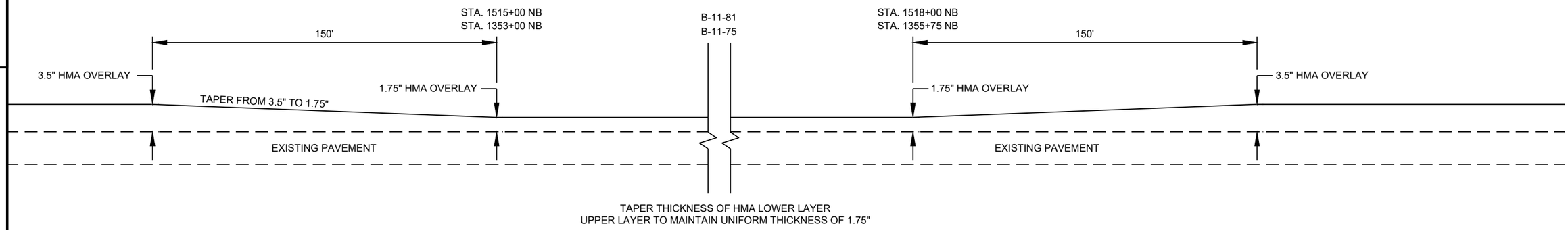


SECTION A-A

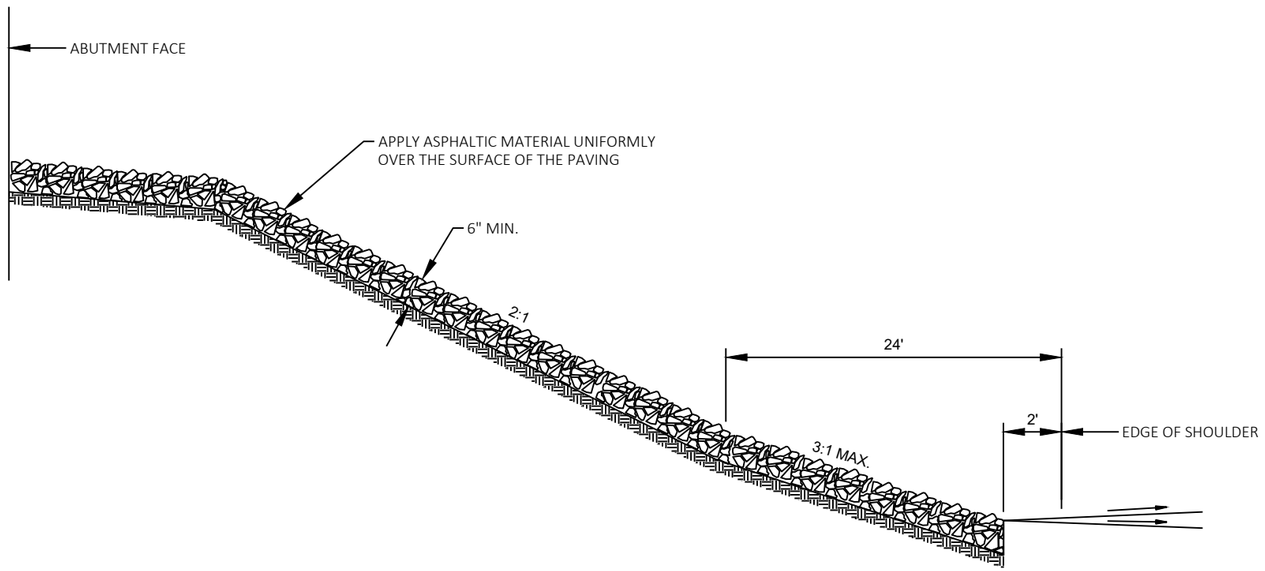


RIPRAP MEDIUM TREATMENT AT PIPE OUTLETS

2



HMA OVERLAY TAPER UNDER B-11-75 & B-11-81

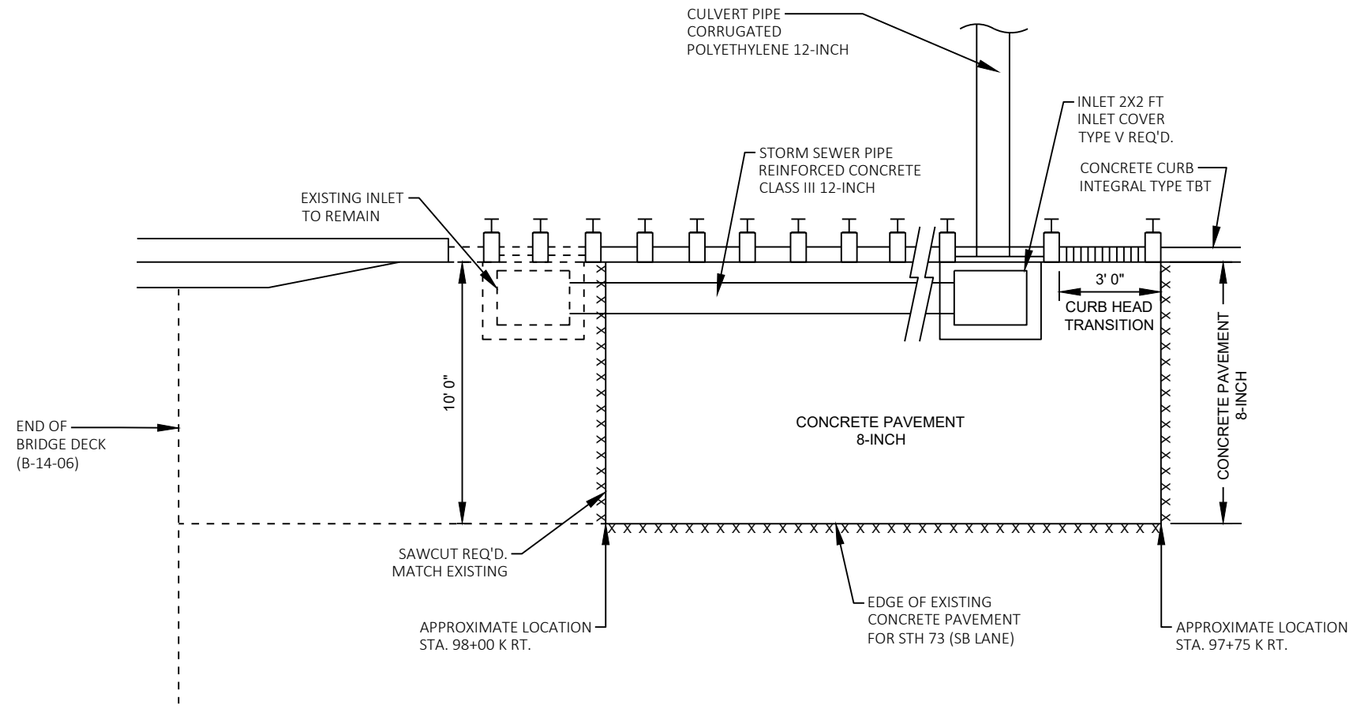


STANDARD CROSS SECTION THRU SLOPE PAVING CRUSHED AGGREGATE

ROUND STONE WILL NOT BE ACCEPTED

STA. 800+00 NB - 800+33 NB RT.
STA. 1318+98 SB - 1320+21 SB LT.

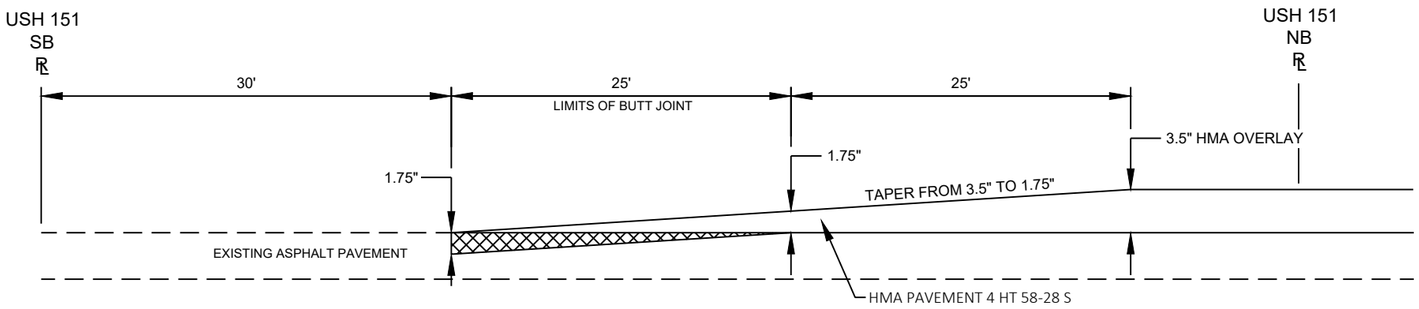
2

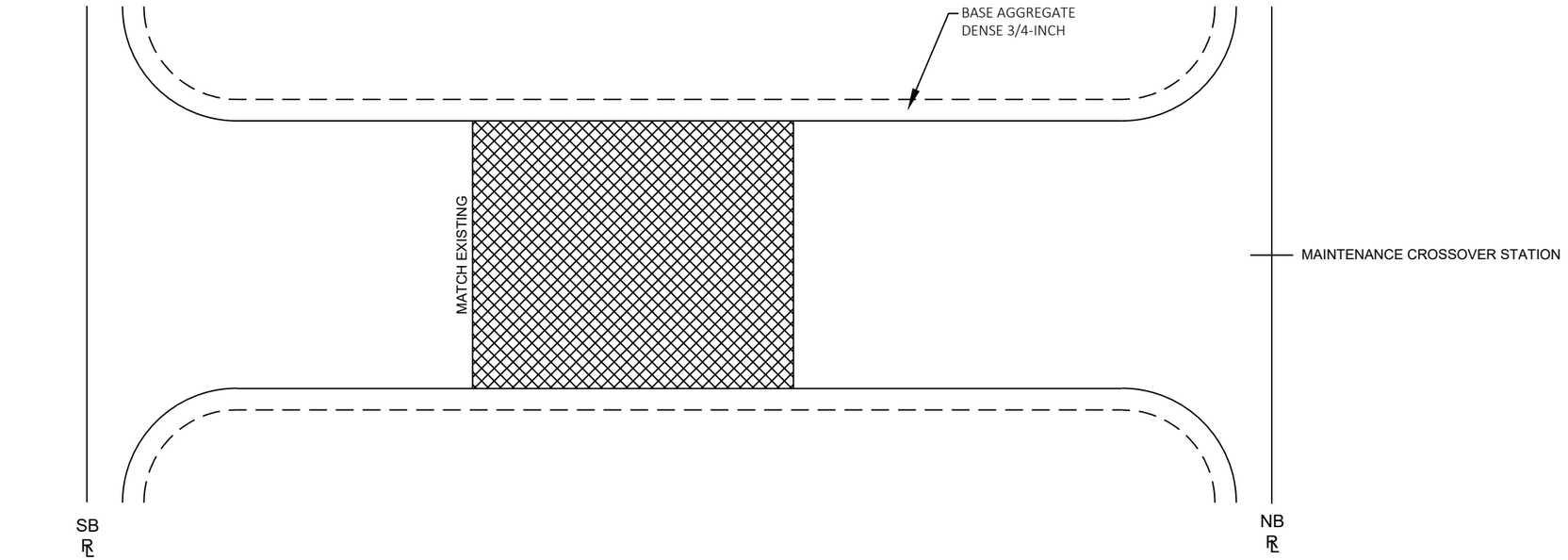


STORM SEWER DETAIL
B-14-06

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CONSTRUCTION DETAIL - STORM SEWER	SHEET 22	E

2



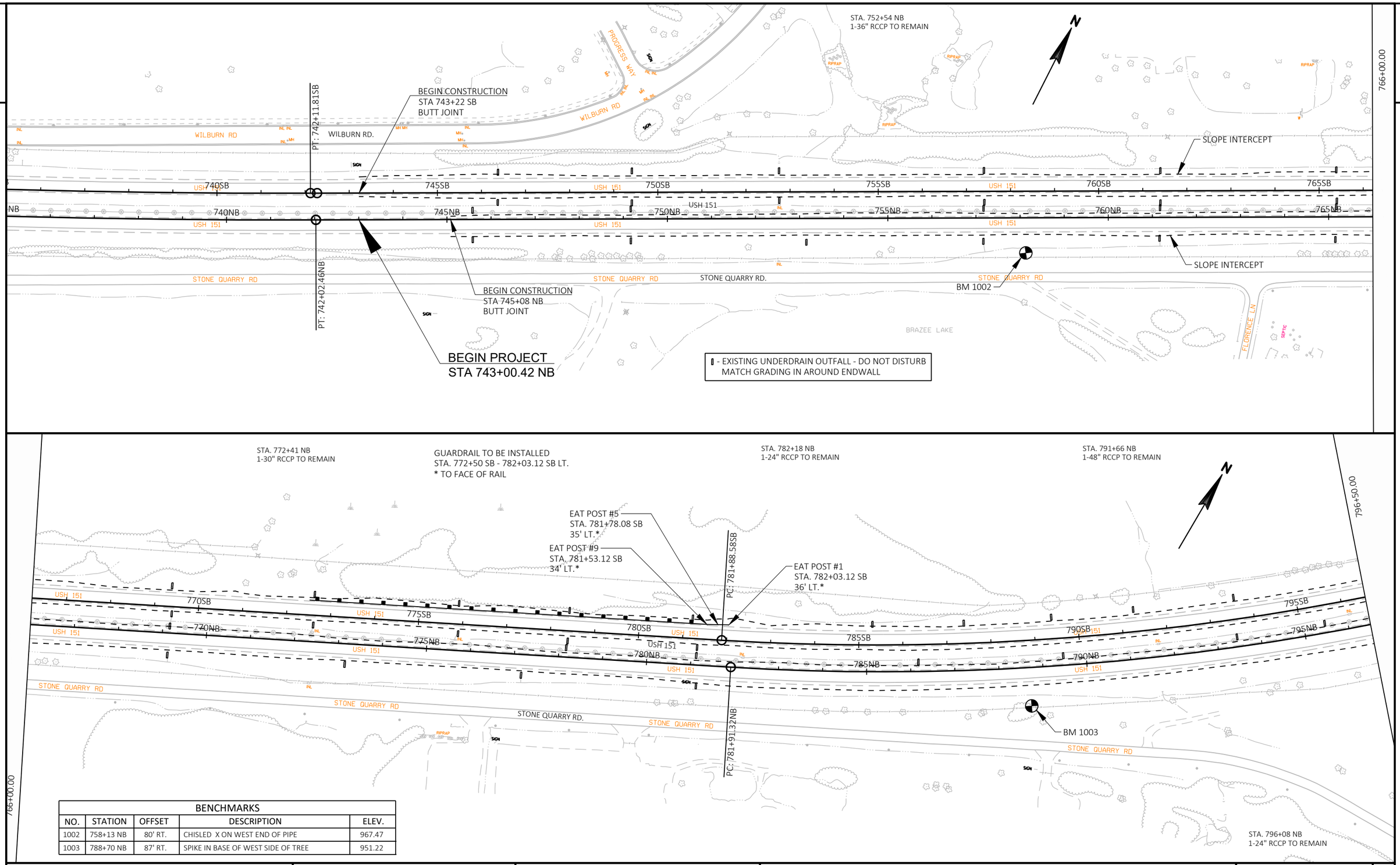


MAINTENANCE CROSSOVER BUTT JOINT DETAIL

STA. 1359+72 NB
STA. 1400+42 NB
STA. 1475+08 NB
STA. 1520+90 NB

BUTT JOINT

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CONSTRUCTION DETAILS	SHEET 23	E



BENCHMARKS				
NO.	STATION	OFFSET	DESCRIPTION	ELEV.
1002	758+13 NB	80' RT.	CHISLED X ON WEST END OF PIPE	967.47
1003	788+70 NB	87' RT.	SPIKE IN BASE OF WEST SIDE OF TREE	951.22

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	PLAN DETAILS	SHEET 24	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\021201_PD.DWG
LAYOUT NAME - 01
PLOT DATE : 4/30/2018 12:27 PM
PLOT BY : JOHNSON, JOHN R
PLOT NAME :
PLOT SCALE : 1 IN:200 FT

CONTROL POINTS						
NO.	STATION	OFFSET	Y	X	ELEV.	DESCRIPTION
1	800+73 NB	51' RT.	532806.48	878345.75	952.94	BERNSTEN FENO MARKER
2	803+46 SB	61' LT.	533126.61	878403.05	943.73	BERNSTEN FENO MARKER
3	798+00 SB	46' LT.	532727.96	878036.10	944.51	BERNSTEN FENO MARKER

STA. 817+20 NB LT.
1-18" RCCP TO REMAIN
EXTEND 12' SOUTH
EXTEND 20' NORTH

STA. 809+54 NB
1-30" RCCP TO REMAIN

CP 3
CP 2
CP 1
B-13-285
SLOPE PAVING TO BE REGRADED ALONG USH 151 NB UNDER CTH VV BRIDGE
SLOPE INTERCEPT
MAINTENANCE CROSSOVER
3.5" HMA PAVEMENT 4 HT 58-28 S
SLOPE INTERCEPT
BM 1004
PT: 825+03.42SB
PT: 824+11.14NB
796+50.00
827+00.00
ELDER LN
ELDER LN.
CTH VV
REUBEN DR
REUBEN DR.
USH 151
800SB
800NB
805SB
805NB
810SB
810NB
815SB
815NB
820SB
820NB
825SB
825NB

▮ - EXISTING UNDERDRAIN OUTFALL - DO NOT DISTURB
MATCH GRADING IN AROUND ENDWALL

BENCHMARKS				
NO.	STATION	OFFSET	DESCRIPTION	ELEV.
1004	825+08 NB	64' RT.	CHISLED X ON EAST END OF PIPE	935.63

STA. 825+10 NB
1-30" RCCP TO REMAIN

GUARDRAIL TO BE INSTALLED
STA. 829+50 SB - 836+03.12 SB LT.
* TO FACE OF RAIL

STA. 835+09 NB
1-30" RCCP TO REMAIN

EAT POST #5
STA. 835+78.12 SB
35' LT.*
EAT POST #9
STA. 835+53.12 SB
34' LT.*
EAT POST #1
STA. 836+03.12 SB
36' LT.*
PC: 850+39.52SB
PC: 850+32.61NB
827+00.00
830SB
830NB
835SB
835NB
840SB
840NB
845SB
845NB
850SB
850NB
855SB
855NB

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	PLAN DETAILS	SHEET 25	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\021201_PD.DWG
LAYOUT NAME - 02
PLOT DATE : 4/30/2018 12:28 PM
PLOT BY : JOHNSON, JOHN R
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44

2

STA. 858+25 SB
12' SPAN STRUCTURAL PLATE
PIPE ARCH TO REMAIN

STA. 866+50 SB
1-36" RCCP TO REMAIN

STA. 873+71 SB
1-36" RCCP TO REMAIN

SLOPE INTERCEPT

PT: 881+70.34

SLOPE INTERCEPT

860SB 865SB 870SB 875SB 880SB 885SB
USH 151

BUTT JOINT
STA. 860+74 NB

BUTT JOINT
STA. 861+82 NB

PT: 867+92.62NB

860NB 865NB 870NB 875NB 880NB 885NB
USH 151

PC: 877+54.68NB

BM 1005

B-13-293

857+50.00

888+00.00

BENCHMARKS				
NO.	STATION	OFFSET	DESCRIPTION	ELEV.
1005	861+15 NB	35' RT.	ALUMINUM CAP ON SOUTHEAST PARAPET WALL	890.22
1006	889+69 NB	74' RT.	ALUMINUM CAP ON SOUTHEAST WING WALL	893.67

▮ - EXISTING UNDERDRAIN OUTFALL - DO NOT DISTURB
MATCH GRADING IN AROUND ENDWALL

STA. 902+83 SB RT.
1-18" RCCP TO REMAIN
EXTEND 8' SOUTH
EXTEND 8' NORTH

BP: 901+70.90

PC: 912+90.29VG

PT: 916+36.16

BUTT JOINT
STA. 894+48 SB

890SB 895SB 900SB 905SB 910SB 915SB
USH 151

905VG 910VG 915VG

BUTT JOINT
STA. 893+50 SB

B-13-80

PC: 905+74.79NB

MAINTENANCE CROSSOVER
3.5" HMA PAVEMENT
4 HT 58-28 S

PT: 891+08.15NB

890NB 895NB 900NB 905NB 910NB 915NB
USH 151

900VJ 905VJ 910VJ 915VJ

PCC: 916+43.45VJ

BP: 899+59.27VJ

PI: 901+00.56VJ

PC: 909+67.45VJ

BP: 915+44.48VJ

CHARTER
FIBER OPTIC

26VS
70MH

BM 1006

BP: 918+18.53VK

BP

STA. 902+92 NB LT.
1-18" RCCP TO REMAIN
EXTEND 10' SOUTH
EXTEND 14' NORTH

STA. 913+55 NB
1-60" RCCP TO REMAIN

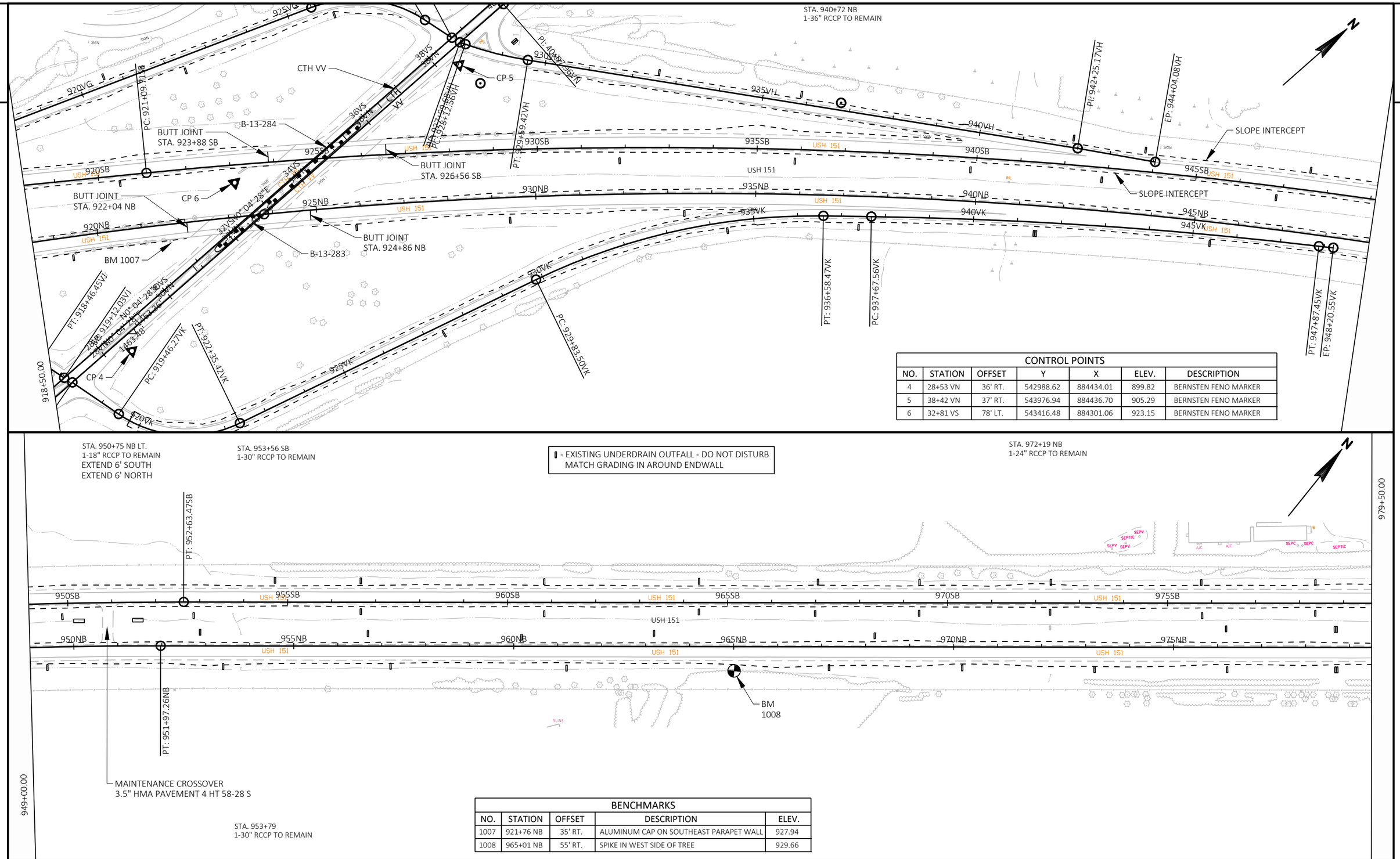
918+50.00

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	PLAN DETAILS	SHEET 26	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\021201_PD.DWG
LAYOUT NAME - 03

PLOT DATE : 4/30/2018 12:28 PM PLOT BY : JOHNSON, JOHN R PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

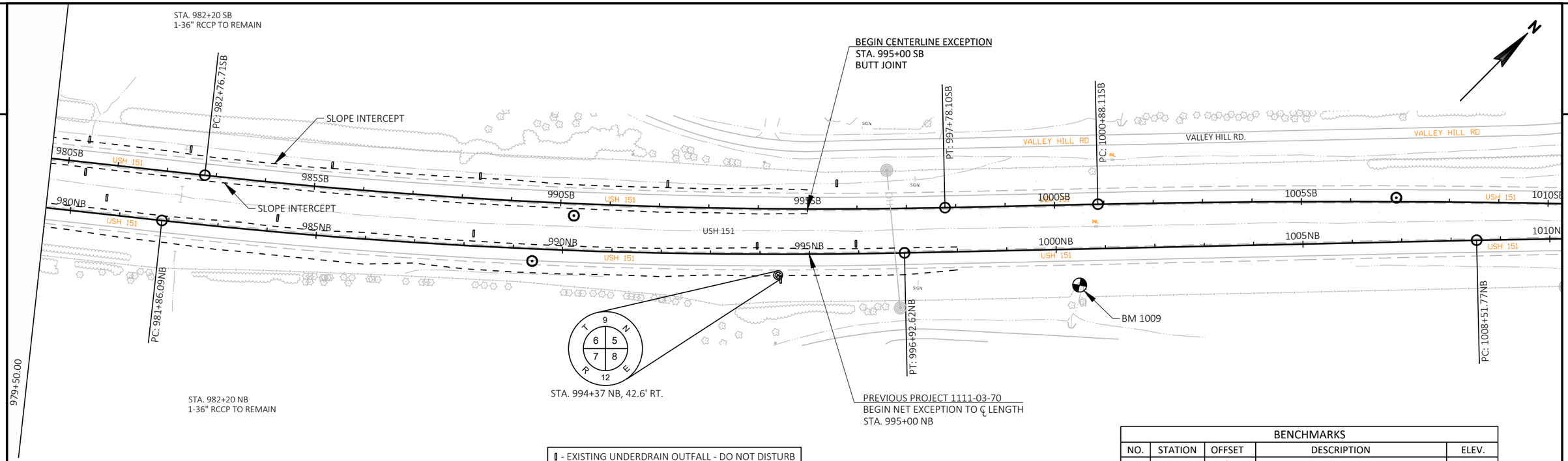


CONTROL POINTS						
NO.	STATION	OFFSET	Y	X	ELEV.	DESCRIPTION
4	28+53 VN	36' RT.	542988.62	884434.01	899.82	BERNSTEN FENO MARKER
5	38+42 VS	37' RT.	543976.94	884436.70	905.29	BERNSTEN FENO MARKER
6	32+81 VS	78' LT.	543416.48	884301.06	923.15	BERNSTEN FENO MARKER

BENCHMARKS				
NO.	STATION	OFFSET	DESCRIPTION	ELEV.
1007	921+76 NB	35' RT.	ALUMINUM CAP ON SOUTHEAST PARAPET WALL	927.94
1008	965+01 NB	55' RT.	SPIKE IN WEST SIDE OF TREE	929.66

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	PLAN DETAILS	SHEET 27	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\021201_PD.DWG
LAYOUT NAME - 04
PLOT DATE : 4/30/2018 12:28 PM
PLOT BY : JOHNSON, JOHN R
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44



▮ - EXISTING UNDERDRAIN OUTFALL - DO NOT DISTURB
MATCH GRADING IN AROUND ENDWALL

BENCHMARKS				
NO.	STATION	OFFSET	DESCRIPTION	ELEV.
1009	1000+46 NB	73' RT.	ALUMINUM CAP SOUTHEAST WALL OF CULVERT	925.91

STA. 1124+02 NB
1-24" RCCP TO REMAIN

STA. 1130+93 NB
1-30" RCCP TO REMAIN

STA. 1137+00 NB
STRUCTURE C-13-95
1-7'X5' CONCRETE BOX CULVERT
TO REMAIN

1143+50.00

END CENTERLINE EXCEPTION
STA 1118+85 SB
BUTT JOINT

PT: 1119+04.45SB

PT: 1118+92.00NB

PREVIOUS PROJECT 1111-03-70
END NET EXCEPTION TO ℄ LENGTH
STA. 1118+85 NB

DEANSVILLE RD

PC: 1135+16.24SB

B-13-290

SLOPE INTERCEPT

1115SB 1120SB 1125SB 1130SB 1135SB 1140SB
1115NB 1120NB 1125NB 1130NB 1135NB 1140NB
USH 151

BM 1013

BM 1014

PC: 1136+82.30NB

DEANSVILLE RD.

▮ - EXISTING UNDERDRAIN OUTFALL - DO NOT DISTURB
MATCH GRADING IN AROUND ENDWALL

BENCHMARKS				
NO.	STATION	OFFSET	DESCRIPTION	ELEV.
1013	1130+92 NB	64' RT.	CHISLED SQUARE EAST END OF PIPE	942.52
1014	1137+01 NB	72' RT.	ALUMINUM CAP SOUTHEAST WING WALL	942.51

STA. 1143+25 NB
1-30" RCCP TO REMAIN

STA. 1147+02 NB
1-24" RCCP TO REMAIN

STA. 1160+04 SB
1-24" RCCP TO REMAIN

1174+00.00

PT: 1148+11.12SB

1145SB 1150SB 1155SB 1160SB 1165SB 1170SB
1145NB 1150NB 1155NB 1160NB 1165NB 1170NB
USH 151

1143+50.00

PT: 1149+78.85NB

MAINTENANCE CROSSOVER
3.5" HMA PAVEMENT 4 HT 58-28 S

STA. 1160+05 NB
1-24" RCCP TO REMAIN

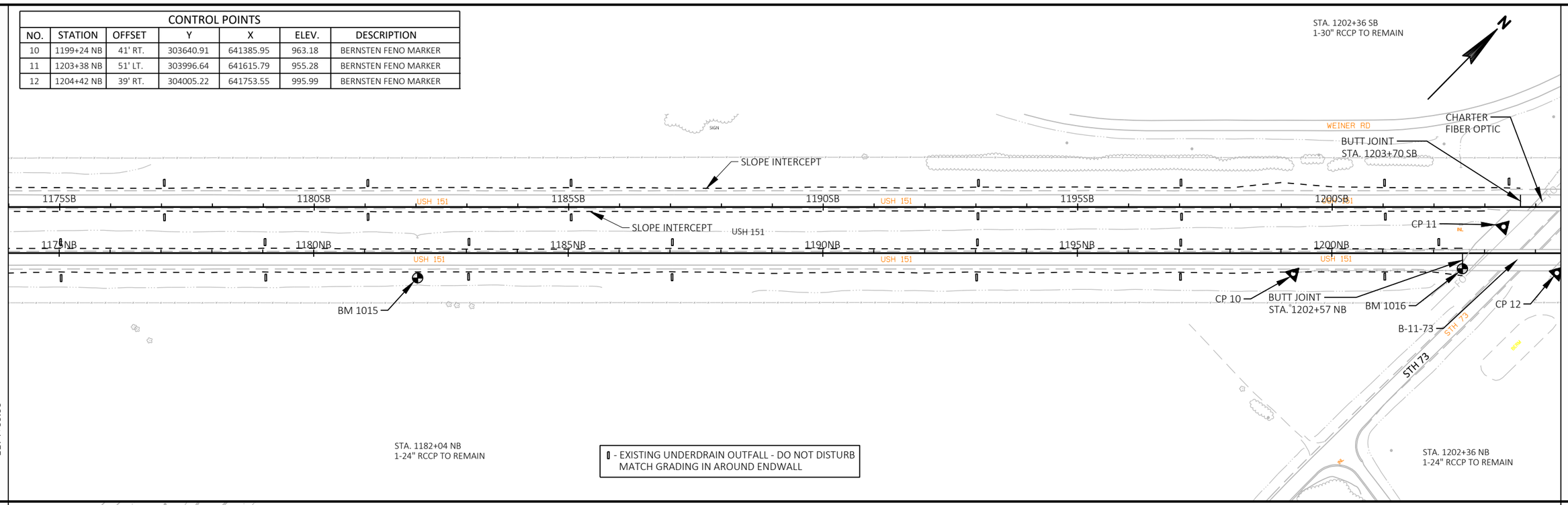
STA. 1171+05 NB
1-24" RCCP TO REMAIN

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE/COLUMBIA	PLAN DETAIL	SHEET 29	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\021202_PD.DWG
LAYOUT NAME - 1

PLOT DATE : 4/26/2018 7:47 AM PLOT BY : JOHNSON, JOHN R PLOT NAME : PLOT SCALE : 1 IN:200 FT

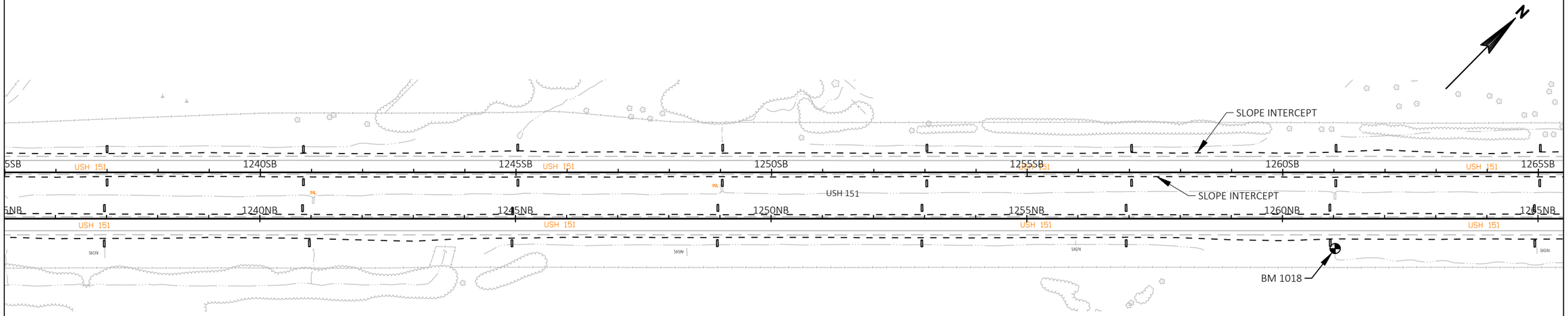
CONTROL POINTS						
NO.	STATION	OFFSET	Y	X	ELEV.	DESCRIPTION
10	1199+24 NB	41' RT.	303640.91	641385.95	963.18	BERNSTEN FENO MARKER
11	1203+38 NB	51' LT.	303996.64	641615.79	955.28	BERNSTEN FENO MARKER
12	1204+42 NB	39' RT.	304005.22	641753.55	995.99	BERNSTEN FENO MARKER



BENCHMARKS				
NO.	STATION	OFFSET	DESCRIPTION	ELEV.
1015	1182+04 NB	49' RT.	CHISLED X ON EAST END OF PIPE	961.53
1016	1202+57 NB	31' RT.	ALUMINUM CAP SOUTHEAST PARAPET WALL	962.22
1017	1230+35 NB	72' RT.	CHISLED X ON EAST END OF PIPE	897.92

STA. 1244+05 NB
1-60" RCCP TO REMAIN

STA. 1249+03 NB
1-24" RCCP TO REMAIN



1235+00.00

1265+50.00

STA. 1235+06 NB
1-24" RCCP TO REMAIN

STA. 1241+04 NB
1-24" RCCP TO REMAIN

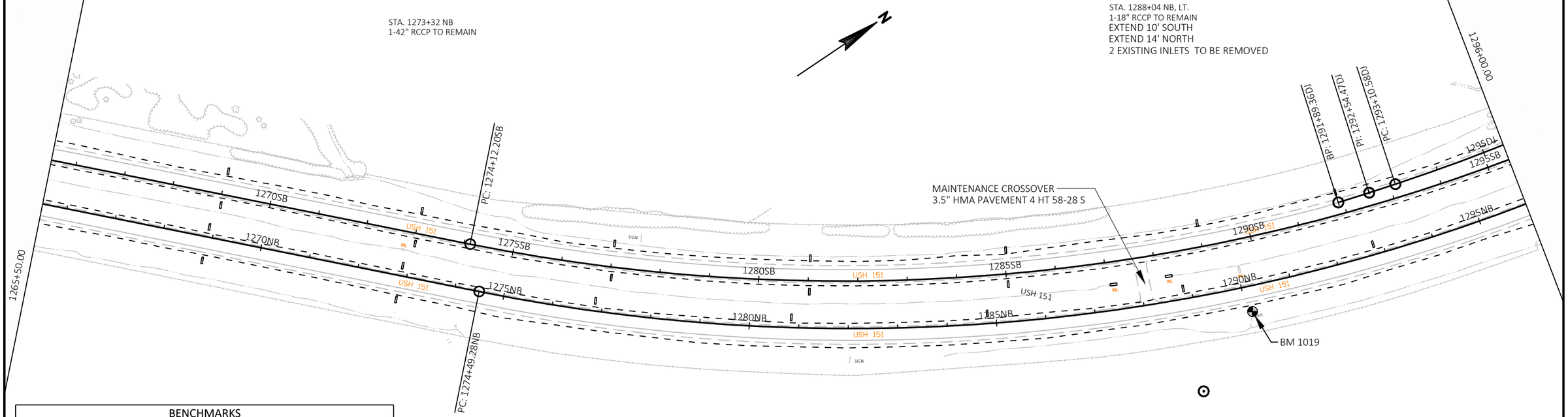
▯ - EXISTING UNDERDRAIN OUTFALL - DO NOT DISTURB
MATCH GRADING IN AROUND ENDWALL

STA. 1261+03 NB
1-24" RCCP TO REMAIN

STA. 1273+32 NB
1-42" RCCP TO REMAIN

STA. 1288+04 NB, LT.
1-18" RCCP TO REMAIN
EXTEND 10' SOUTH
EXTEND 14' NORTH
2 EXISTING INLETS TO BE REMOVED

1296+00.00



1265+50.00

STA. 1290+04 NB
1-24" RCCP TO REMAIN

BENCHMARKS				
NO.	STATION	OFFSET	DESCRIPTION	ELEV.
1018	1261+02 NB	59' RT.	CHISLED X ON EAST END OF PIPE	877.36
1019	1290+12 NB	52' RT.	CHISLED X ON NORTHWEST SIGN BOLT	867.05

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	PLAN DETAIL	SHEET 31	E

BENCHMARKS				
NO.	STATION	OFFSET	DESCRIPTION	ELEV.
1020	1300+15 NB	72' RT.	ALUMINUM CAP ON SOUTHWEST WING WALL	855.61
1021	1324+59 NB	52' RT.	CHISLED X ON NORTH END OF PIPE	858.41

1296+00.00

STA. 1304+03 NB
1-48" RCCP TO REMAIN

STA. 1312+05 NB
1-24" RCCP TO REMAIN

PT: 1297+39.53DJ
PC: 1297+80.01DJ
PT: 1298+25.08DJ
PC: 1298+38.77DJ
PT: 1302+65.38DJ
PT: 1302+90.29SB
PC: 1303+60.09DJ
PT: 1313+40.26DJ
BUTT JOINT
STA. 1315+69 DJ
SAWCUT
REQ'D.
PC: 1323+88.
1326+50.00

1300DJ 1305DJ 1310DJ 1315DJ 1320DF 1325DF

USH 151 1300SB 1305SB 1310SB 1315SB 1320SB 1325SB

STH 73

SLOPE PAVING TO BE REGRADED
ALONG USH 151 SB UNDER
STH 73 BRIDGE

CP 15

SLOPE INTERCEPT

SLOPE INTERCEPT

1300NB 1305NB 1310NB 1315NB 1320NB 1325NB

1300DK 1305DK 1310DK 1315DK 1320DK

BP: 1299+72.99DK
BM 1020
PT: 1301+06.68DK
PC: 1301+33.42DK
PCC: 1302+81.26DK
PT: 1303+27.55NB
PRC: 1305+67.69DK
PT: 1306+72.68DK
PC: 1306+92.80DK
PT: 1313+67.50DK
PC: 1313+95.01DK
PC: 1315+94.62DK
CP 13
B-11-74
CP 14
BP: 1313+91.98DL
BM 1021
BUTT JOINT
STA. 1326+30 DL
PC: 1320+39.59DK
1325DL
1325DK
BUTT JOINT
STA. 1322+58 DK

STA. 1299+25 NB
STRUCTURE C-11-30
1 - 8'X6' CONRETE BOX CULVERT TO REMAIN

STA. 1312+53 NB
1-24" RCCP TO REMAIN

STA. 1319+77 NB
1-24" RCCP TO REMAIN

SEE PLAN/PROFILE
FOR DF-LINE

▯ - EXISTING UNDERDRAIN OUTFALL - DO NOT DISTURB
MATCH GRADING IN AROUND ENDWALL

END CONSTRUCTION
STA 1330+00 SB
BUTT JOINT

PT: 1331+77.64DF
PC: 1332+06.05DF
SAWCUT
REQ'D.
PT: 1334+11.73DF
EP: 1341+26.83DF

1330DF 1335DF 1340DF

1330SB 1335SB 1340SB 1345SB 1350SB 1355SB

CTH K

1357+00.00

CP 17

ADAMS COLUMBIA
ELECTRIC COOPERATIVE

CHARTER
FIBER OPTIC

1330NB 1335NB 1340NB 1345NB 1350NB 1355NB

1330DL 1335DL 1340DL 1345DL 1350DL

B-11-75

CP 16

EP: 1351+43.58DL

CP 18

PT: 1339+89.82DL

1326+50.00

PC: 1326+66.18DL
PT: 1327+72.61DL
PC: 1327+93.45DL

STA. 1335+25 NB
1-48" RCCP TO REMAIN

STA. 1342+78 NB
1-24" RCCP TO REMAIN

HMA OVERLAY TAPER UNDER B-11-75
STA. 1353+00 NB TO STA. 1355+75 NB
SEE CONSTRUCTION DETAILS

CONTROL POINTS

NO.	STATION	OFFSET	Y	X	ELEV.	DESCRIPTION
13	1315+95 NB	66' RT.	312786.92	647966.67	861.83	BERNSTEN FENO MARKER
14	1323+34 NB	50' RT.	313525.77	647979.54	865.28	BERNSTEN FENO MARKER
15	1320+85 SB	53' LT.	313357.61	647773.94	865.46	BERNSTEN FENO MARKER
16	1351+34 NB	100' RT.	316321.48	648136.44	864.61	BERNSTEN FENO MARKER
17	1351+12 SB	196' LT.	316386.97	647752.31	885.26	BERNSTEN FENO MARKER
18	1355+55 NB	200' RT.	316739.10	648253.25	878.62	BERNSTEN FENO MARKER

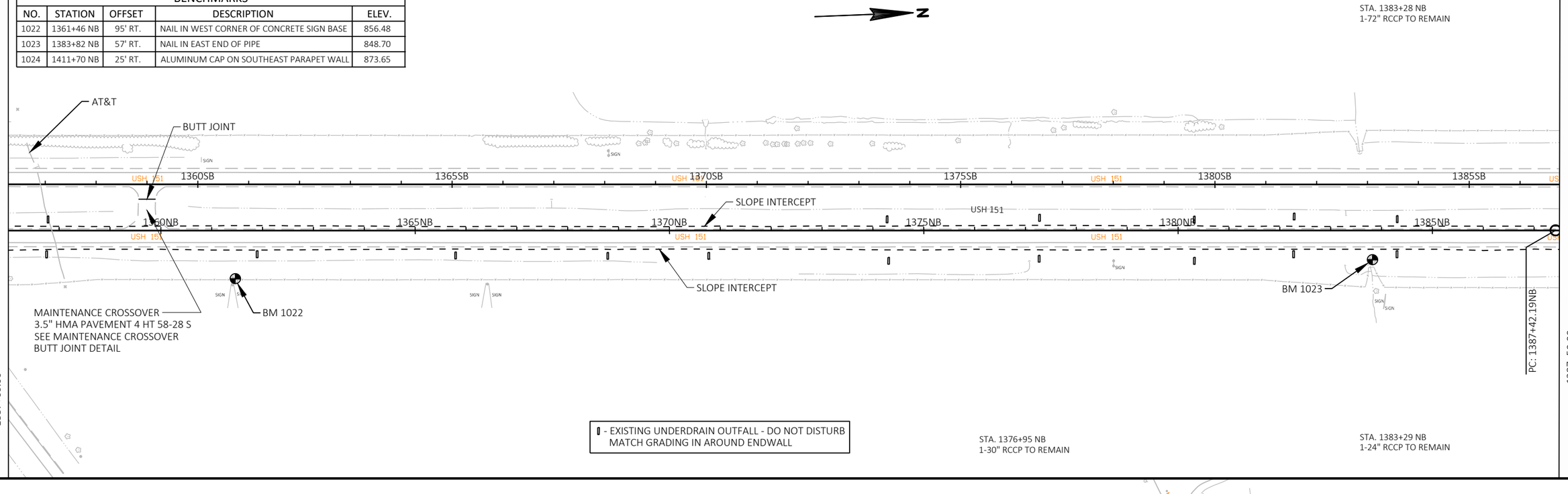
PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	PLAN DETAIL	SHEET 32	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\021202_PD.DWG
LAYOUT NAME - 4

PLOT DATE : 5/15/2018 2:52 PM PLOT BY : JOHNSON, JOHN R PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

BENCHMARKS				
NO.	STATION	OFFSET	DESCRIPTION	ELEV.
1022	1361+46 NB	95' RT.	NAIL IN WEST CORNER OF CONCRETE SIGN BASE	856.48
1023	1383+82 NB	57' RT.	NAIL IN EAST END OF PIPE	848.70
1024	1411+70 NB	25' RT.	ALUMINUM CAP ON SOUTHEAST PARAPET WALL	873.65

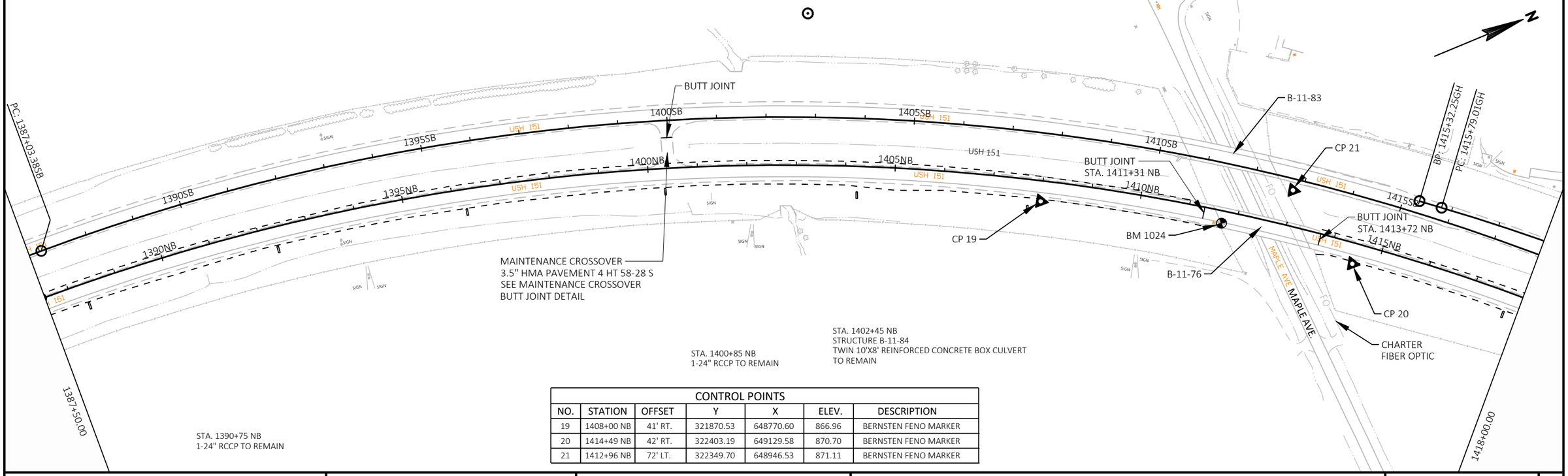


STA. 1383+28 NB
1-72" RCCP TO REMAIN

▯ - EXISTING UNDERDRAIN OUTFALL - DO NOT DISTURB
MATCH GRADING IN AROUND ENDWALL

STA. 1376+95 NB
1-30" RCCP TO REMAIN

STA. 1383+29 NB
1-24" RCCP TO REMAIN



STA. 1400+85 NB
1-24" RCCP TO REMAIN

STA. 1402+45 NB
STRUCTURE B-11-84
TWIN 10'X8' REINFORCED CONCRETE BOX CULVERT
TO REMAIN

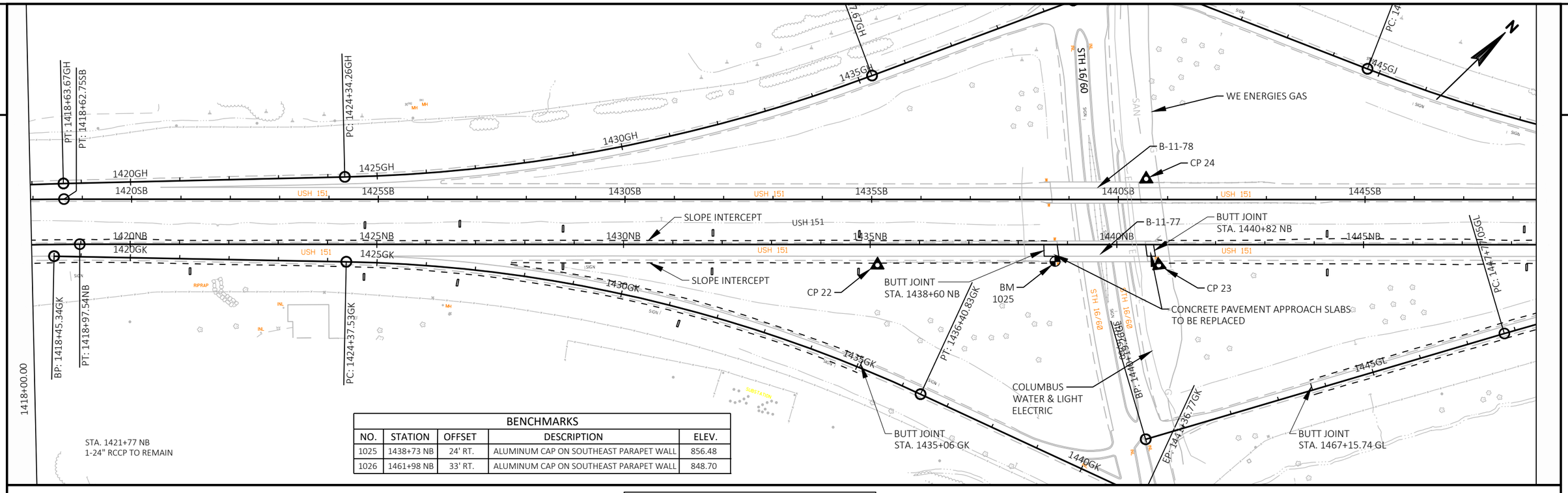
STA. 1390+75 NB
1-24" RCCP TO REMAIN

CONTROL POINTS						
NO.	STATION	OFFSET	Y	X	ELEV.	DESCRIPTION
19	1408+00 NB	41' RT.	321870.53	648770.60	866.96	BERNSTEN FENO MARKER
20	1414+49 NB	42' RT.	322403.19	649129.58	870.70	BERNSTEN FENO MARKER
21	1412+96 NB	72' LT.	322349.70	648946.53	871.11	BERNSTEN FENO MARKER

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	PLAN DETAILS	SHEET 33	E

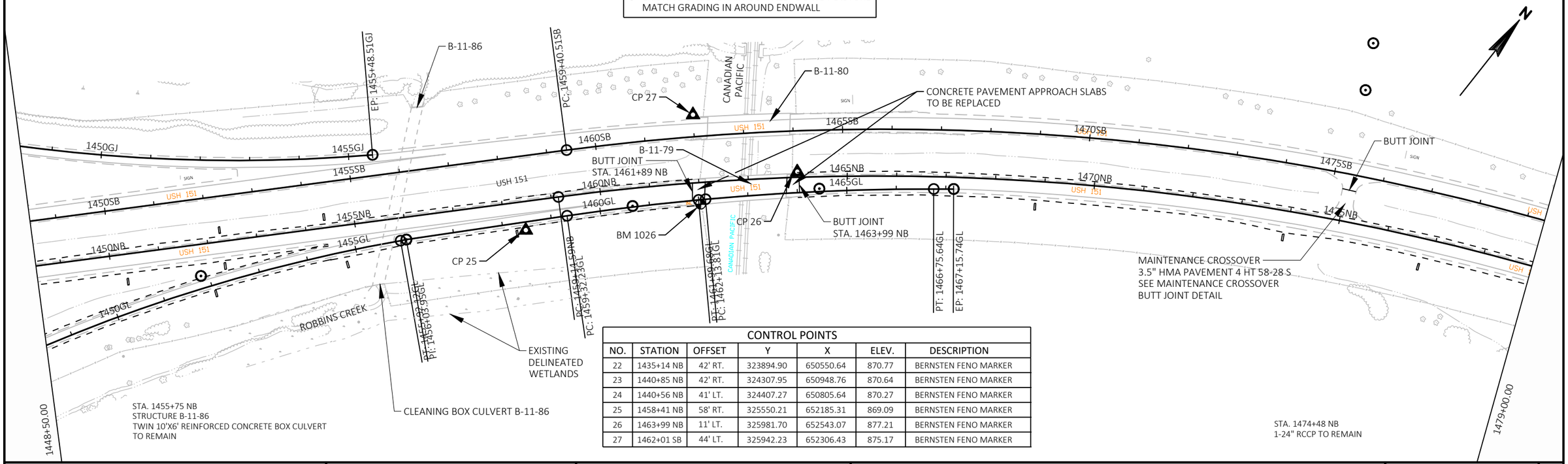
FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\021202_PD.DWG
LAYOUT NAME - 5

PLOT DATE : 4/26/2018 7:48 AM PLOT BY : JOHNSON, JOHN R PLOT NAME : PLOT SCALE : 1 IN:200 FT



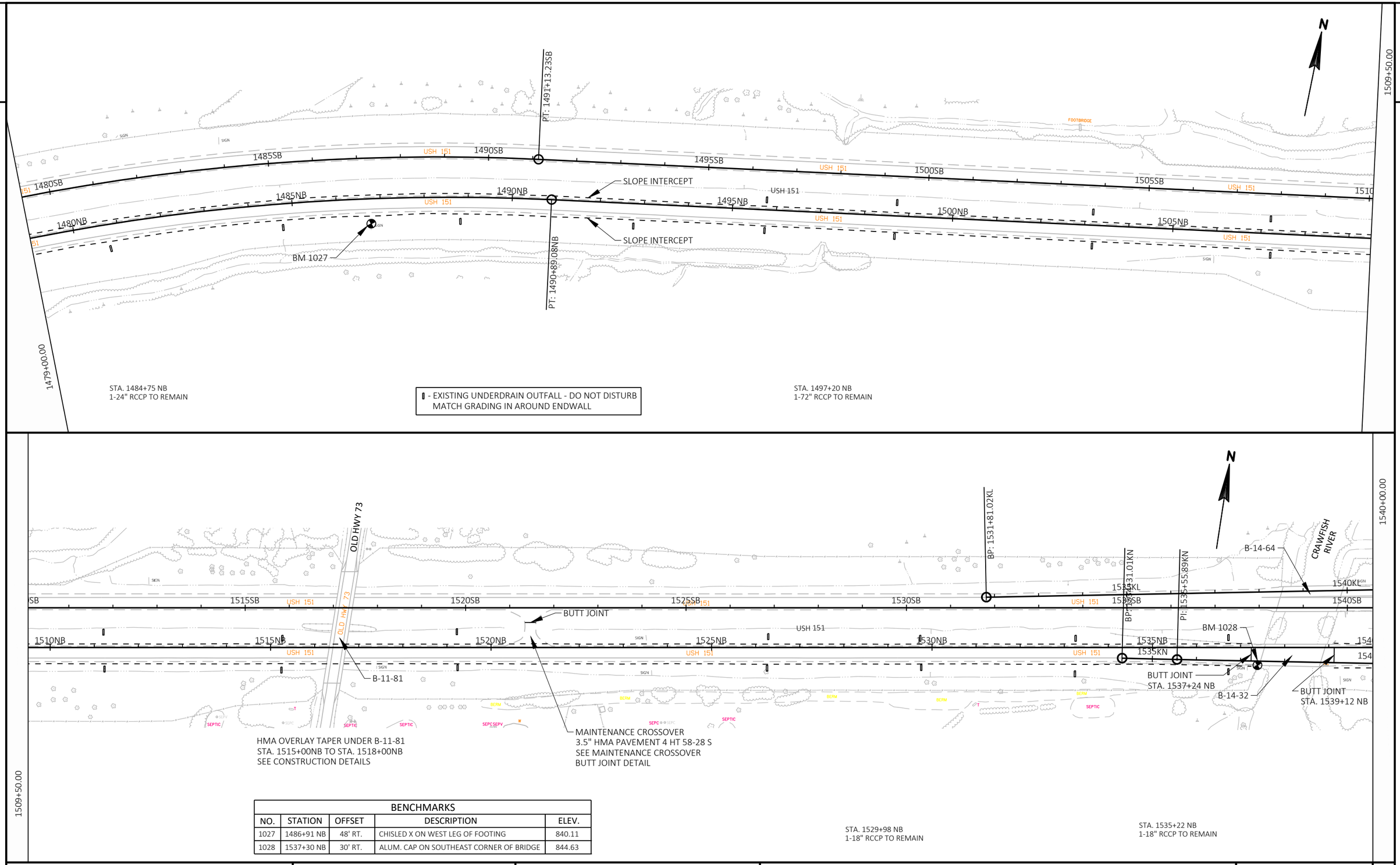
BENCHMARKS				
NO.	STATION	OFFSET	DESCRIPTION	ELEV.
1025	1438+73 NB	24' RT.	ALUMINUM CAP ON SOUTHEAST PARAPET WALL	856.48
1026	1461+98 NB	33' RT.	ALUMINUM CAP ON SOUTHEAST PARAPET WALL	848.70

▯ - EXISTING UNDERDRAIN OUTFALL - DO NOT DISTURB
MATCH GRADING IN AROUND ENDWALL

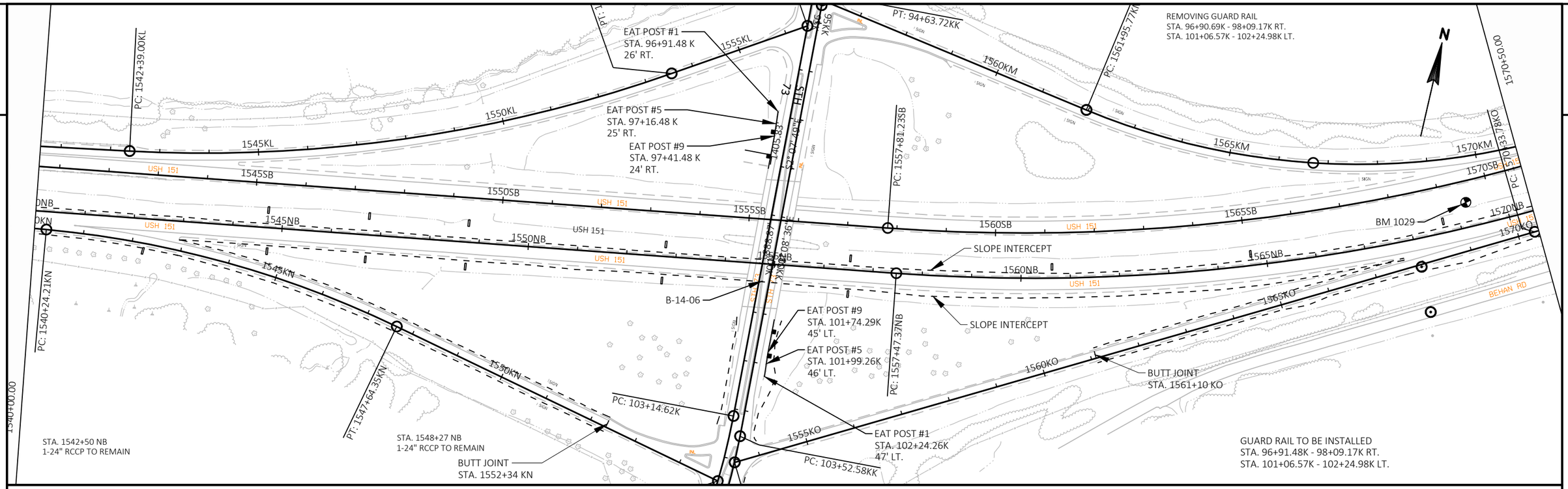


CONTROL POINTS						
NO.	STATION	OFFSET	Y	X	ELEV.	DESCRIPTION
22	1435+14 NB	42' RT.	323894.90	650550.64	870.77	BERNSTEN FENO MARKER
23	1440+85 NB	42' RT.	324307.95	650948.76	870.64	BERNSTEN FENO MARKER
24	1440+56 NB	41' LT.	324407.27	650805.64	870.27	BERNSTEN FENO MARKER
25	1458+41 NB	58' RT.	325550.21	652185.31	869.09	BERNSTEN FENO MARKER
26	1463+99 NB	11' LT.	325981.70	652543.07	877.21	BERNSTEN FENO MARKER
27	1462+01 SB	44' LT.	325942.23	652306.43	875.17	BERNSTEN FENO MARKER

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	PLAN DETAILS	SHEET 34	E

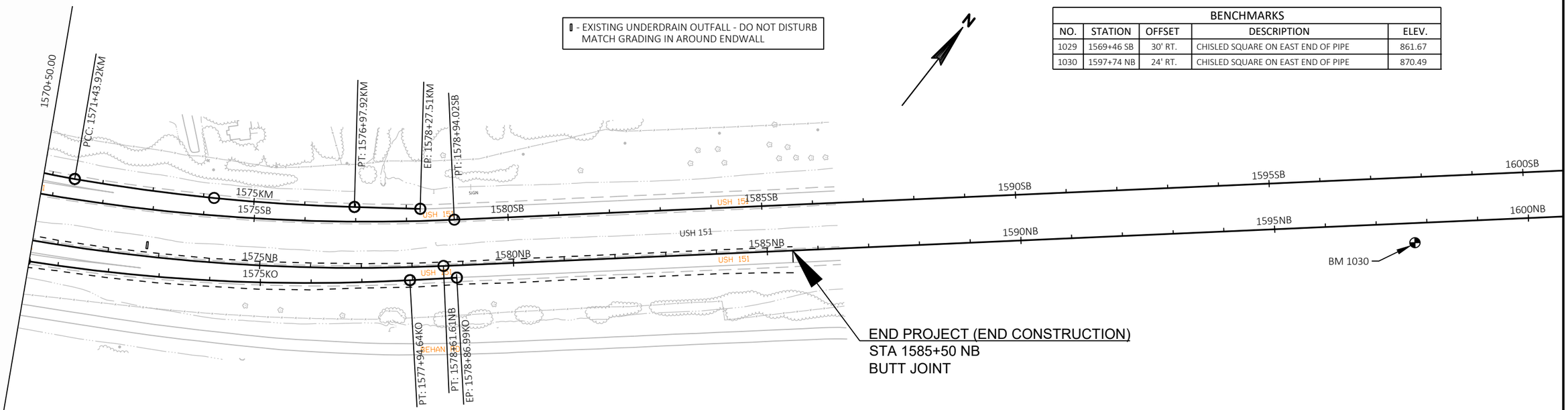


BENCHMARKS				
NO.	STATION	OFFSET	DESCRIPTION	ELEV.
1027	1486+91 NB	48' RT.	CHISLED X ON WEST LEG OF FOOTING	840.11
1028	1537+30 NB	30' RT.	ALUM. CAP ON SOUTHEAST CORNER OF BRIDGE	844.63



▯ - EXISTING UNDERDRAIN OUTFALL - DO NOT DISTURB
MATCH GRADING IN AROUND ENDWALL

BENCHMARKS				
NO.	STATION	OFFSET	DESCRIPTION	ELEV.
1029	1569+46 SB	30' RT.	CHISLED SQUARE ON EAST END OF PIPE	861.67
1030	1597+74 NB	24' RT.	CHISLED SQUARE ON EAST END OF PIPE	870.49



PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DODGE	PLAN DETAILS	SHEET 36	E

2

BP STA = 25+44.48VS
Y = 542679.841
X = 884378.029

PI STA = 40+07.84VS
Y = 544143.203
X = 884379.933

EP STA = 43+54.65VS
Y = 544489.997
X = 884376.167

BP STA = 25+44.48VN
Y = 542679.816
X = 884398.029

PI STA = 40+07.96VN
Y = 544143.298
X = 884399.993

EP STA = 43+55.11VN
Y = 544490.427
X = 884396.163

N

SLOPE INTERCEPT

SLOPE INTERCEPT

BUTT JOINT
STA. 917+75 VJ

PT: 918+46.45VJ

BP: 25+44.48VS

STA. 26+45 VN, 3.6' LT.

T 9 N
14 13
23 24
R 11 E

INL

EP: 919+12.03VJ

26VS

26VN

28VS

28VN

N0° 04' 28"E

1463.36'

30VS

30VN

N0° 04' 28"E

1463.48'

BEGIN CONSTRUCTION
STA. 25+45 VN

BP: 918+18.53VK

BP: 25+44.48VN

CP 4

PC: 919+46.27VK

BUTT JOINT
STA. 919+75 VK

920VK

USH 151

920NB

SAWING CONCRETE
STA. 30+85 VN LT.

BM 1007

POST #1
STA. 31+48.99 VS
4.88' RT.*

POST #5
STA. 31+61.35 VS
2.63' RT.*

CP 6

POST #9
STA. 31+80.10 VS
2.63' RT.*

POST #11
STA. 31+92.58 VS
2.00' RT.*

SIGN

32VS

32VN

N0° 04' 28"E

1463.36'

CTH VV

34VS

34VN

B-13-283

SIGN

POST #1
STA. 31+48.99 VN
4.88' LT.*

POST #5
STA. 31+61.35 VN
2.63' LT.*

POST #9
STA. 31+80.10 VN
2.63' LT.*

POST #11
STA. 31+92.58 VN
2.00' LT.*

SAWING ASPHALT
STA. 31+93 VN LT.

925NB

GUARDRAIL TO BE INSTALLED
STA. 31+45.79 VN - 35+84.15 VN
* TO FACE OF RAIL

REMOVING GUARDRAIL
STA. 30+90 VN - 36+40 VN LT.

PROFILE CURB CUT
STA. 30+85 VN - 31+93 VN LT.
STA. 30+85 VS - 31+93 VS RT.
STA. 35+37 VN - 36+45 VN LT.
STA. 35+37 VS - 36+45 VS RT.

SAWING ASPHALT
STA. 35+37 VN LT.

B-13-284
SIGN

28"E

CTH VV

34VS

34VN

925NB

POST #11
STA. 35+37.36 VS
2.00' RT*

POST #9
STA. 35+49.85 VS
2.63' RT*

POST #5
STA. 35+68.59 VS
2.63' RT*

POST #1
STA. 35+80.95 VS
4.88' RT*

BUTT JOINT
STA. 927+75 VG

36VS

36VN

CTH VV

38VS

38VN

SAWING CONCRETE
STA. 36+45 VN LT.

SIGN

POST #11
STA. 35+37.36 VN
2.00' LT*

POST #1
STA. 35+80.95 VN
4.88' LT*

POST #9
STA. 35+49.84 VN
2.63' LT*

POST #5
STA. 35+68.59 VN
2.63' LT*

BP: 927+99.68VH
PC: 928+12.56VH

CP 5

INL

PI: 40+07.84VS

PI: 40+07.96VN

40VS

40VN

N0° 37' 20"W

347.15'

42VS

42VN

N0° 37' 20"W

346.81'

END CONSTRUCTION
STA. 41+00 VN

EP: 43+54.65VS

EP: 43+55.11VN

ELDER LANE

STOCK PILE

WALLS

SIGN

SIGN

SIGN

INL

PT: 929+59.42VH

930NB

BUTT JOINT
STA. 929+75 VH

USH 151

USH 151

* TO FACE OF RAIL

BENCHMARKS				
NO.	STATION	OFFSET	DESCRIPTION	ELEV.
1007	921+76 NB	35' RT.	ALUMINUM CAP ON SOUTHEAST PARAPET WALL	927.94

CONTROL POINTS						
NO.	STATION	OFFSET	Y	X	ELEV.	DESCRIPTION
4	28+53 VN	36' RT.	542988.62	884434.01	899.82	BERNSTEN FENO MARKER
5	38+42 VN	37' RT.	543976.94	884436.70	905.29	BERNSTEN FENO MARKER
6	32+81 VS	78' LT.	543416.48	884301.06	923.15	BERNSTEN FENO MARKER

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	PLAN DETAILS CTH VV	SHEET 37	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\021201_PD.DWG
LAYOUT NAME - CTH VV

PLOT DATE : 4/30/2018 12:28 PM PLOT BY : JOHNSON, JOHN R PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

BP STA = 90+47.89KK
Y = 328989.592
X = 661256.950

PI STA = 93+09.45KK
Y = 328728.791
X = 661276.804
DELTA = 2°12'36"
D = 0°21'29"
T = 154.31'
L = 308.58'
R = 8000.00'
PC STA = 91+55.14KK
PT STA = 94+63.72KK

PI STA = 106+83.19KK
Y = 327355.968
X = 661328.182
DELTA = 28°57'53"
D = 2°14'17"
T = 330.61'
L = 647.08'
R = 1280.00'
PC STA = 103+52.58KK
PT STA = 109+99.66KK

EP STA = 110+18.20KK
Y = 327044.376
X = 661170.640

BP STA = 89+08.79K
Y = 329128.274
X = 661241.348

PI STA = 106+49.07K
Y = 327389.197
X = 661306.038
DELTA = 26°22'50"
D = 2°00'27"
T = 334.45'
L = 657.03'
R = 1427.00'
PC STA = 103+14.62K
PT STA = 109+71.66K

EP STA = 110+08.58K
Y = 327050.602
X = 661153.510

GUARDRAIL TO BE INSTALLED
STA. 96+91.48 K - STA. 98+09.17 K RT.
STA. 101+06.57 K - STA. 102+24.98 K LT.
* TO FACE OF RAIL

N

BP: 90+47.89KK
PC: 91+55.14KK
PT: 94+63.72KK
BP: 1556+17.29KM
EP: 1556+46.44KL
BP: 89+08.79K
PC: 103+52.58KK
PC: 103+14.62K
BP: 1553+47.41KO
EP: 1554+86.06KN
PC: 1557+81.23SB
PT: 109+99.66KK
EP: 110+18.20KK
PT: 109+71.66K
EP: 110+08.58K

S4° 21' 12"E
107.25'
S2° 07' 49"E
1405.83'
S2° 08' 36"E
888.87'
S26° 49' 17"W
18.55'
S24° 15' 01"W
36.92'

90K
95K
95KK
100K
100KK
105K
105KK
110K
110KK

STH 73
1555KL
1555KO
1555SB
1555SA

EAT POST #1
STA. 96+91.48 K
26.00' RT. *

EAT POST #5
STA. 97+16.48 K
25.00' RT. *

EAT POST #9
STA. 97+41.48 K
24.00' RT. *

SEE STORM SEWER DETAIL
AND CONSTRUCTION DETAIL

EAT POST #5
STA. 101+99.26 K
46.00' LT. *

EAT POST #9
STA. 101+74.29 K
45.00' LT. *

EAT POST #1
STA. 102+24.26 K
47.00' LT. *

BEGIN CONSTRUCTION
STA 100+93 K

END CONSTRUCTION
STA 107+25 K

BEHAN RD.

SIGN
INL
POST

inducid obstruction

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DODGE	PLAN DETAILS - STH 73	SHEET 38	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\021202_PD.DWG
LAYOUT NAME - STH 73
PLOT DATE : 4/26/2018 7:50 AM
PLOT BY : JOHNSON, JOHN R
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

2

STA. 817+20 NB LT.
EXISTING 18" CPRC TO REMAIN
EXTEND 12' SOUTH
EXTEND 20' NORTH
1 - EXISTING INLET TO BE REMOVED
1 - REMOVING APRON ENDWALL
2 - APRON ENDWALLS FOR CULVERT
PIPE SLOPED SIDE DRAINS STEEL REQ'D.

N

814+00SB 815+00SB 816+00SB EP: 0+61.86 817+00SB 818+00SB 819+00SB 820+00SB 821+00SB

EXTEND
18" X 12' CPRC

INL

EXTEND
18" X 20' CPRC

814+00NB 815+00NB 816+00NB BP: 0+00.00 817+00NB 818+00NB 819+00NB 820+00NB 821+00NB

USH

USH

1- APRON ENDWALLS FOR CULVERT
PIPE SLOPED SIDE DRAINS STEEL
18-INCH 10 TO 1 REQ'D:
INVERT ELEVATION = 942.57

STA:817+20.15 NB, 28.93 LT
EXISTING 18 INCH CPRC TO REMAIN
AND EXTENDED WITH 1-18 INCH X 12 LF
CPRC TO THE SOUTH

STA:817+20.15 NB, 28.93 LT
EXISTING 18 INCH CPRC TO REMAIN
AND EXTENDED WITH 1-18 INCH X 20 LF
CPRC TO THE NORTH

1- APRON ENDWALLS FOR CULVERT
PIPE SLOPED SIDE DRAINS STEEL
18-INCH 10 TO 1 REQ'D:
INVERT ELEVATION = 941.73

950 950

0+29

940 940

-70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	PIPE EXTENSION DETAIL	SHEET 39	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\021203_PD.DWG
LAYOUT NAME - 01

PLOT DATE : 4/5/2018 1:47 PM PLOT BY : JOHNSON, JOHN R PLOT NAME : PLOT SCALE : 1 IN:50 FT

STA.902+83 SB RT.
EXISTING 18" CPRC TO REMAIN
EXTEND 8' SOUTH
EXTEND 8' NORTH
2 - REMOVING APRON ENDWALL
2 - APRON ENDWALLS FOR CULVERT
PIPE SLOPED SIDE DRAINS STEEL REQ'D.

USH 151

900+00SB 901+00SB 902+00SB EP: 0+45.24 903+00SB 904+00SB 905+00SB 906+00SB 907+00

EXTEND
18" X 8' CPRC

BP: 0+00.00

EXTEND
18" X 8' CPRC

1- APRON ENDWALLS FOR CULVERT
PIPE SLOPED SIDE DRAINS STEEL
18-INCH 10 TO 1 REQ'D:
INVERT ELEVATION = 896.86

STA:902+83 SB, 23' RT
EXISTING 18 INCH CPRC TO REMAIN
AND EXTENDED WITH 1-18 INCH X 8 LF
CPRC TO THE SOUTH

STA:902+83 SB, 23' RT
EXISTING 18 INCH CPRC TO REMAIN
AND EXTENDED WITH 1-18 INCH X 8 LF
CPRC TO THE NORTH

1- APRON ENDWALLS FOR CULVERT
PIPE SLOPED SIDE DRAINS STEEL
18-INCH 10 TO 1 REQ'D:
INVERT ELEVATION = 897.36

0+23

910 900 890

-70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	PIPE EXTENSION DETAIL	SHEET 40	E

2

2

STA.902+92 NB LT.
EXISTING 18" CPRC TO REMAIN
EXTEND 10' SOUTH
EXTEND 14' NORTH
2 - REMOVING APRON ENDWALL
2 - APRON ENDWALLS FOR CULVERT
PIPE SLOPED SIDE DRAINS STEEL REQ'D.

N

EP: 0+48.96

EXTEND
18" X 10' CPRC

EXTEND
18" X 14' CPRC

PC: 905+74.79NB

900+00NB | 901+00NB | 902+00NB | BP: 0+00.00 | 903+00NB | 904+00NB | 905+00NB | 906+00NB | 907+00N

USH 151

SIGN

910

900

890

1- APRON ENDWALLS FOR CULVERT
PIPE SLOPED SIDE DRAINS STEEL
18-INCH 10 TO 1 REQ'D:
INVERT ELEVATION = 897.68

STA:902+92.28 NB, 24.46 LT
EXISTING 18 INCH CPRC TO REMAIN
AND EXTENDED WITH 1-18 INCH X 10 LF
CPRC TO THE SOUTH

STA:902+92.28 NB, 24.46 LT
EXISTING 18 INCH CPRC TO REMAIN
AND EXTENDED WITH 1-18 INCH X 14 LF
CPRC TO THE NORTH

1- APRON ENDWALLS FOR CULVERT
PIPE SLOPED SIDE DRAINS STEEL
18-INCH 10 TO 1 REQ'D:
INVERT ELEVATION = 897.70

0+24

-70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	PIPE EXTENSION DETAIL	SHEET 41	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\021203_PD.DWG
LAYOUT NAME - 03

PLOT DATE : 4/5/2018 1:48 PM PLOT BY : JOHNSON, JOHN R PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

STA. 950+75 NB LT.
EXISTING 18" CPRC TO REMAIN
EXTEND 6' SOUTH
EXTEND 6' NORTH
2 - REMOVING APRON ENDWALL
2 - APRON ENDWALLS FOR CULVERT
PIPE SLOPED SIDE DRAINS STEEL REQ'D.

PT: 952+63.47SB

948+00SB 949+00SB 950+00SB EP: 0+98.90 951+00SB 952+00SB 953+00SB 954+00SB

USH 15

EXTEND
18" X 6' CPRC

EXTEND
18" X 6' CPRC

PT: 951+97.26NB

7+00NB 948+00NB 949+00NB 950+00NB BP: 0+00.00 951+00NB 952+00NB 953+00NB 954+00NB

USH 15

1- APRON ENDWALLS FOR CULVERT
PIPE SLOPED SIDE DRAINS STEEL
18-INCH 10 TO 1 REQ'D:
INVERT ELEVATION = 913.96

STA:950+75.33 NB, 58.56 LT
EXISTING 18 INCH CPRC TO REMAIN
AND EXTENDED WITH 1-18 INCH X 6 LF
CPRC TO THE SOUTH

1- APRON ENDWALLS FOR CULVERT
PIPE SLOPED SIDE DRAINS STEEL
18-INCH 10 TO 1 REQ'D:
INVERT ELEVATION = 915.75

STA:950+75.33 NB, 58.56 LT
EXISTING 18 INCH CPRC TO REMAIN
AND EXTENDED WITH 1-18 INCH X 6 LF
CPRC TO THE NORTH

0+59

915.75
G1.92

930 920 910

-70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	PIPE EXTENSION DETAIL	SHEET 42	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\021203_PD.DWG
LAYOUT NAME - 04
PLOT DATE : 4/5/2018 1:48 PM
PLOT BY : JOHNSON, JOHN R
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 44

STA. 1288+04 NB LT.
EXISTING 18" CPRC TO REMAIN
~~EXTEND 10' SOUTH~~
EXTEND 14' NORTH
2 - EXISTING INLETS TO BE REMOVED
2 - APRON ENDWALLS FOR CULVERT
PIPE SLOPED SIDE DRAINS STEEL REQ'D.

USH 151

1284+00SB 1285+00SB 1286+00SB 1287+00SB 1288+00SB 1289+00SB 1290+00SB 1291+00SB

EP: 0+97.49

EXTEND
18" X 10' CPRC

EXTEND
18" X 14' CPRC

INL

INL

INL

1285+00NB 1286+00NB 1287+00NB 1288+00NB 1289+00NB 1290+00NB 1291+00NB 1292+00NB

BP: 0+00.00

USH 151

SIGN

1- APRON ENDWALLS FOR CULVERT
PIPE SLOPED SIDE DRAINS STEEL
18-INCH 10 TO 1 REQ'D:
INVERT ELEVATION = 864.17

STA:1288+04.06 NB, 51.41 LT
EXISTING 18 INCH CPRC TO REMAIN
AND EXTENDED WITH 1-18 INCH X 10 LF
CPRC TO THE SOUTH

STA:1288+04.06 NB, 51.41 LT
EXISTING 18 INCH CPRC TO REMAIN
AND EXTENDED WITH 1-18 INCH X 14 LF
CPRC TO THE NORTH

1- APRON ENDWALLS FOR CULVERT
PIPE SLOPED SIDE DRAINS STEEL
18-INCH 10 TO 1 REQ'D:
INVERT ELEVATION = 863.39

870

860

864.17
-39.20

0+51

-70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	PIPE EXTENSION DETAIL	SHEET 43	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\021204_PD.DWG
LAYOUT NAME - 01

PLOT DATE : 4/18/2018 8:57 AM PLOT BY : JOHNSON, JOHN R PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

STA. 1461+98 NB
STA. 1461+89 NB
1462+00NB
1463+00NB
1464+00NB
STA. 1463+99 NB
1460+00NB
1461+00NB
1465+00NB
1466+00N
CP8
PV
SAWING CONCRETE
(EXPECTED JOINT LOCATIONS)
USH 151
B-11-79
INL
STA. 1461+97 NB

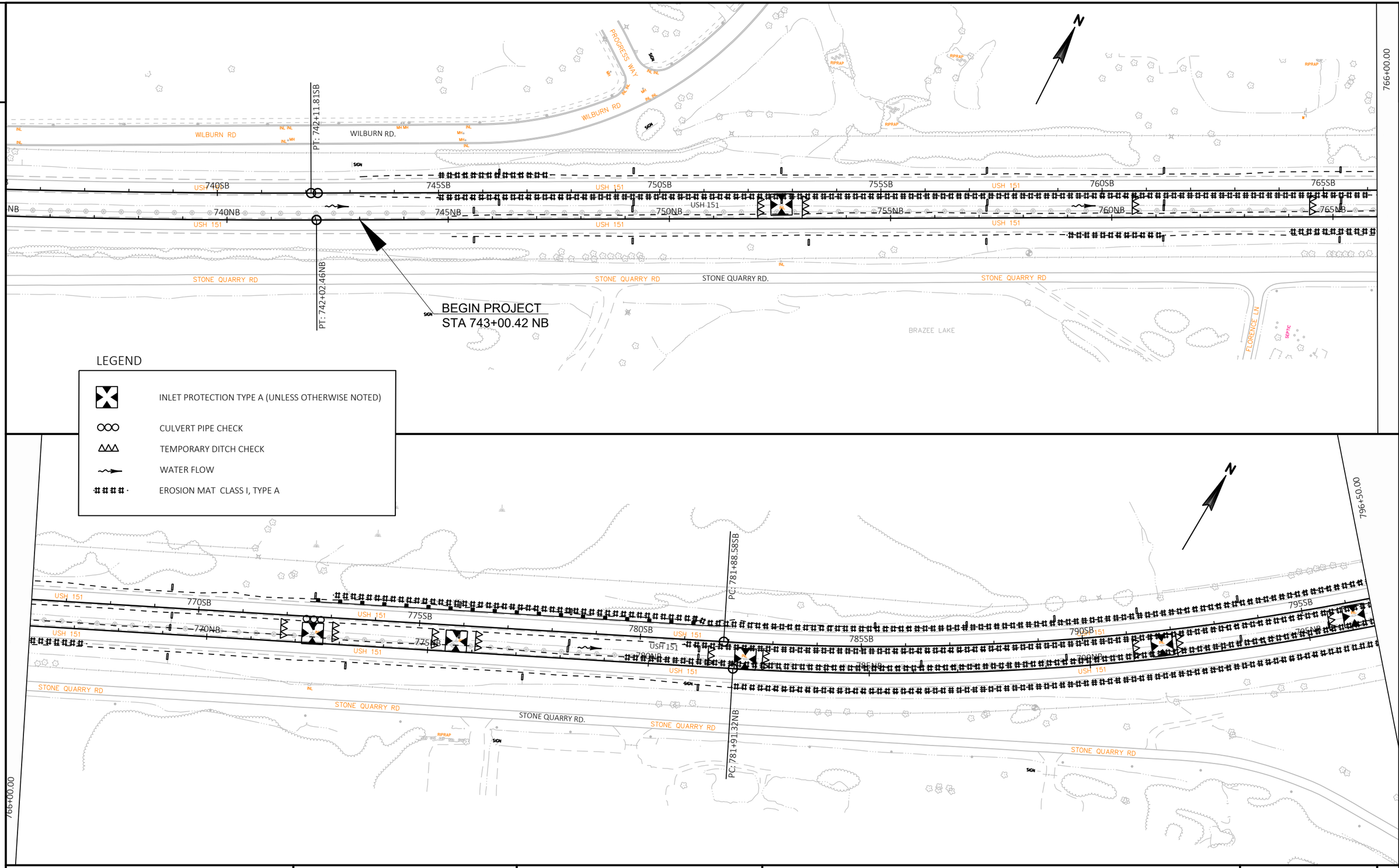
PV CONCRETE PAVEMENT APPROACH SLAB
CP8 CONCRETE PAVEMENT 8-INCH
SAWING ASPHALT OR CONCRETE PAVEMENT

STA. 1438+60 NB
1437+00NB
1438+00NB
1439+00NB
1440+00NB
1441+00NB
1442+00NB
144
STA. 1440+80 NB
SAWING CONCRETE
(EXPECTED JOINT LOCATIONS)
B-11-77
STA. 1440+75 NB
SIGN
STH
USH 151

CONCRETE CURB INTEGRAL TYPE TBT
(FORMED TO MATCH INTO EXISTING FLUME)
CONCRETE CURB
INTEGRAL TYPE TBT
EXISTING BRIDGE PARAPET
8"
6'
CONCRETE PAVEMENT
8-INCH
CONCRETE
PAVEMENT
8-INCH
END OF BRIDGE
DECK B-11-77

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	USH 151NB STRUCTURE DETAILS - B-11-79 & B-11-177	SHEET 44	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\021205_PD.DWG
LAYOUT NAME - DETAILS
PLOT DATE : 4/9/2018 7:41 AM
PLOT BY : JOHNSON, JOHN R
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42



LEGEND

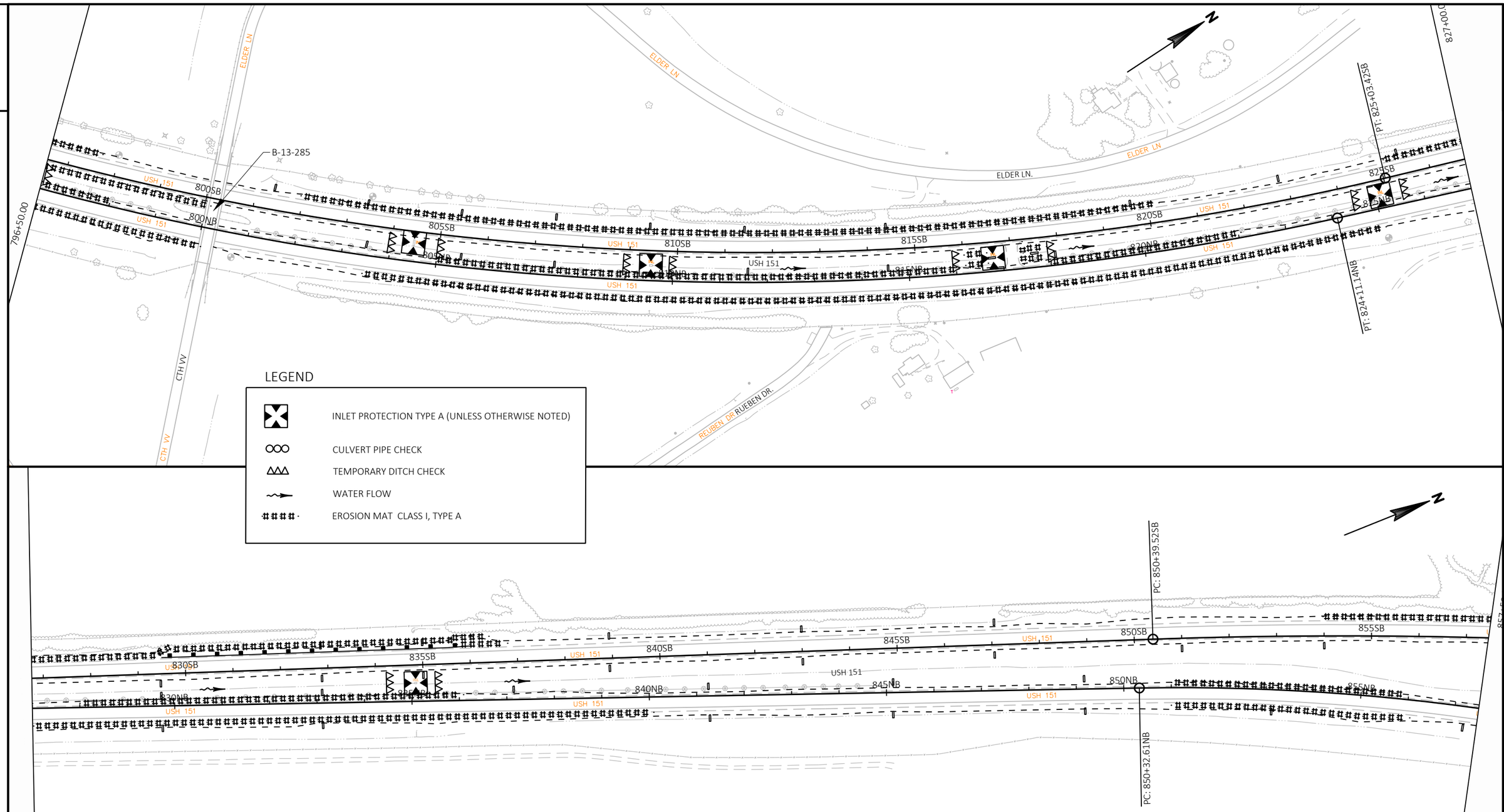
- INLET PROTECTION TYPE A (UNLESS OTHERWISE NOTED)
- CULVERT PIPE CHECK
- TEMPORARY DITCH CHECK
- WATER FLOW
- EROSION MAT CLASS I, TYPE A

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	EROSION CONTROL	SHEET 45	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\022001_EC.DWG
LAYOUT NAME - 01

PLOT DATE : 5/23/2018 2:06 PM PLOT BY : SHAW, ADAM M PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

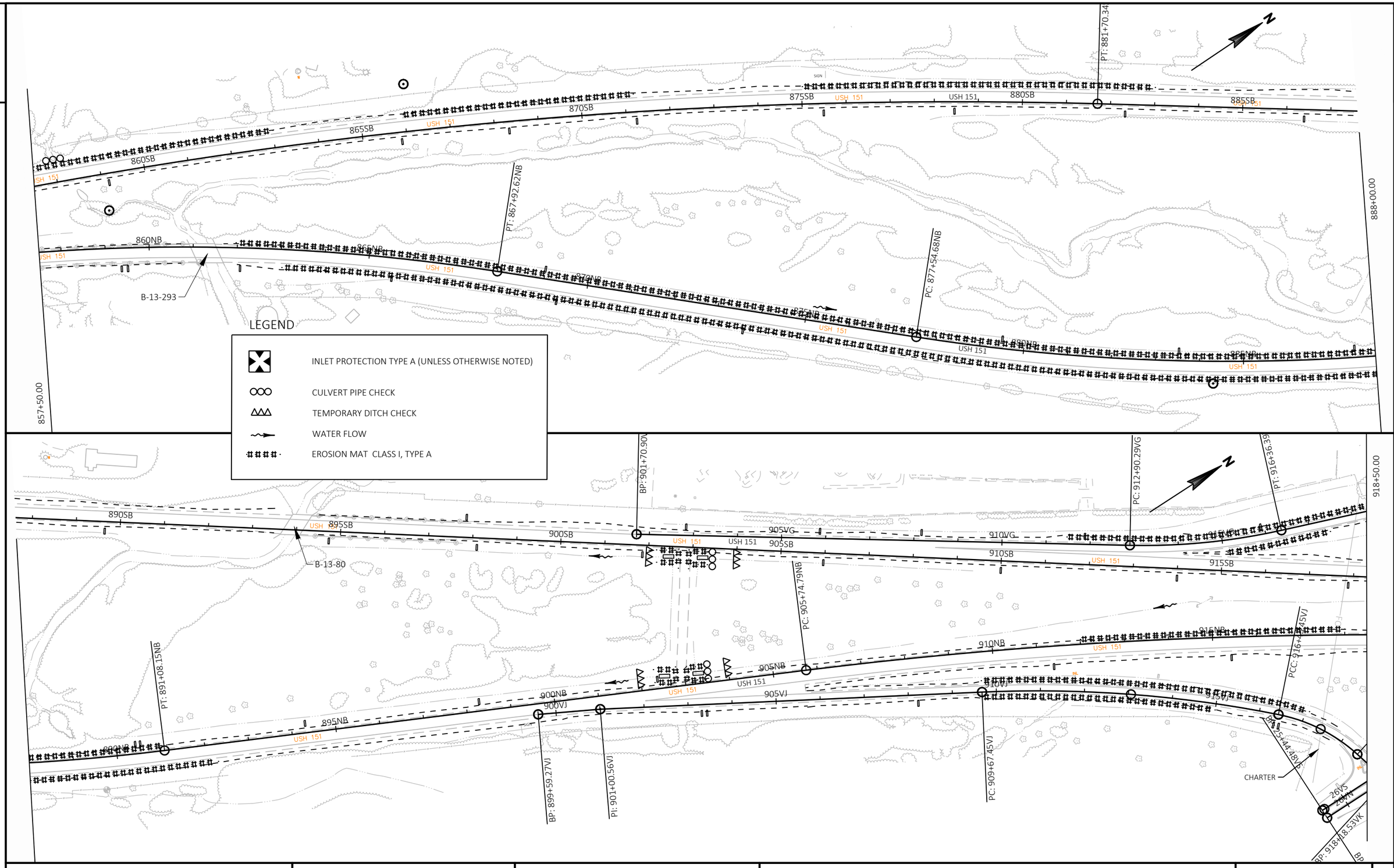


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	EROSION CONTROL	SHEET 46	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\022001_EC.DWG
LAYOUT NAME - 02

PLOT DATE : 5/23/2018 2:06 PM PLOT BY : SHAW, ADAM M PLOT NAME : PLOT SCALE : 1 IN:200 FT

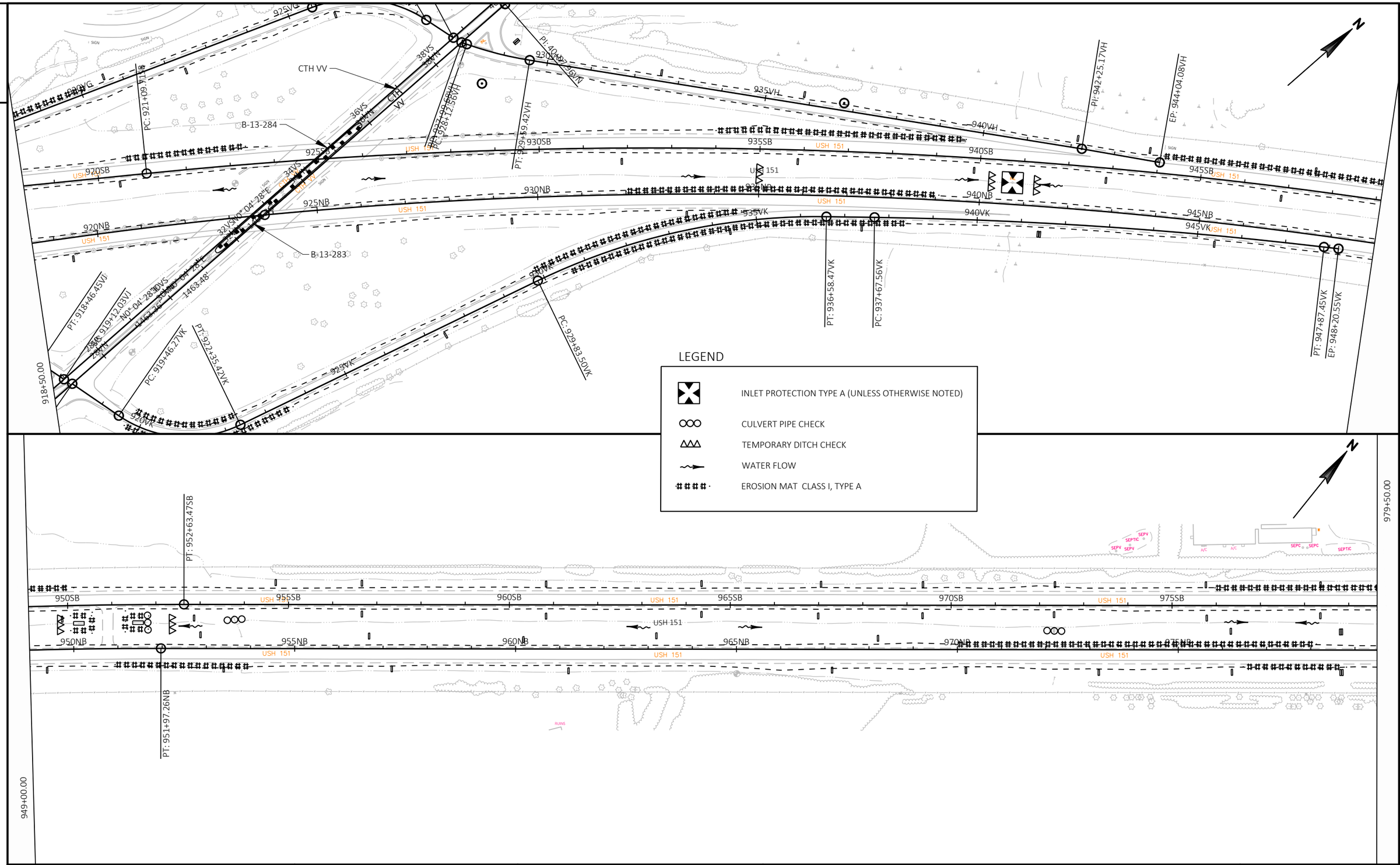
2



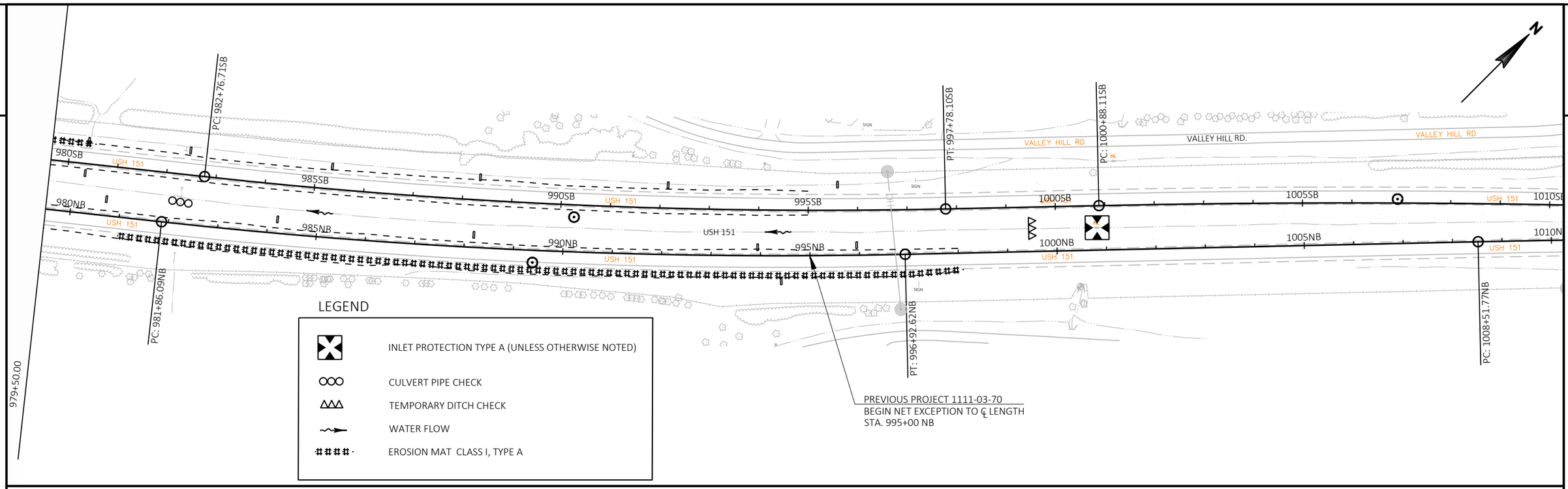
PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	EROSION CONTROL	SHEET 47	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\022001_EC.DWG
LAYOUT NAME - 03

PLOT DATE : 5/23/2018 2:07 PM PLOT BY : SHAW, ADAM M PLOT NAME : PLOT SCALE : 1 IN:200 FT



PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	EROSION CONTROL	SHEET 48	E



2

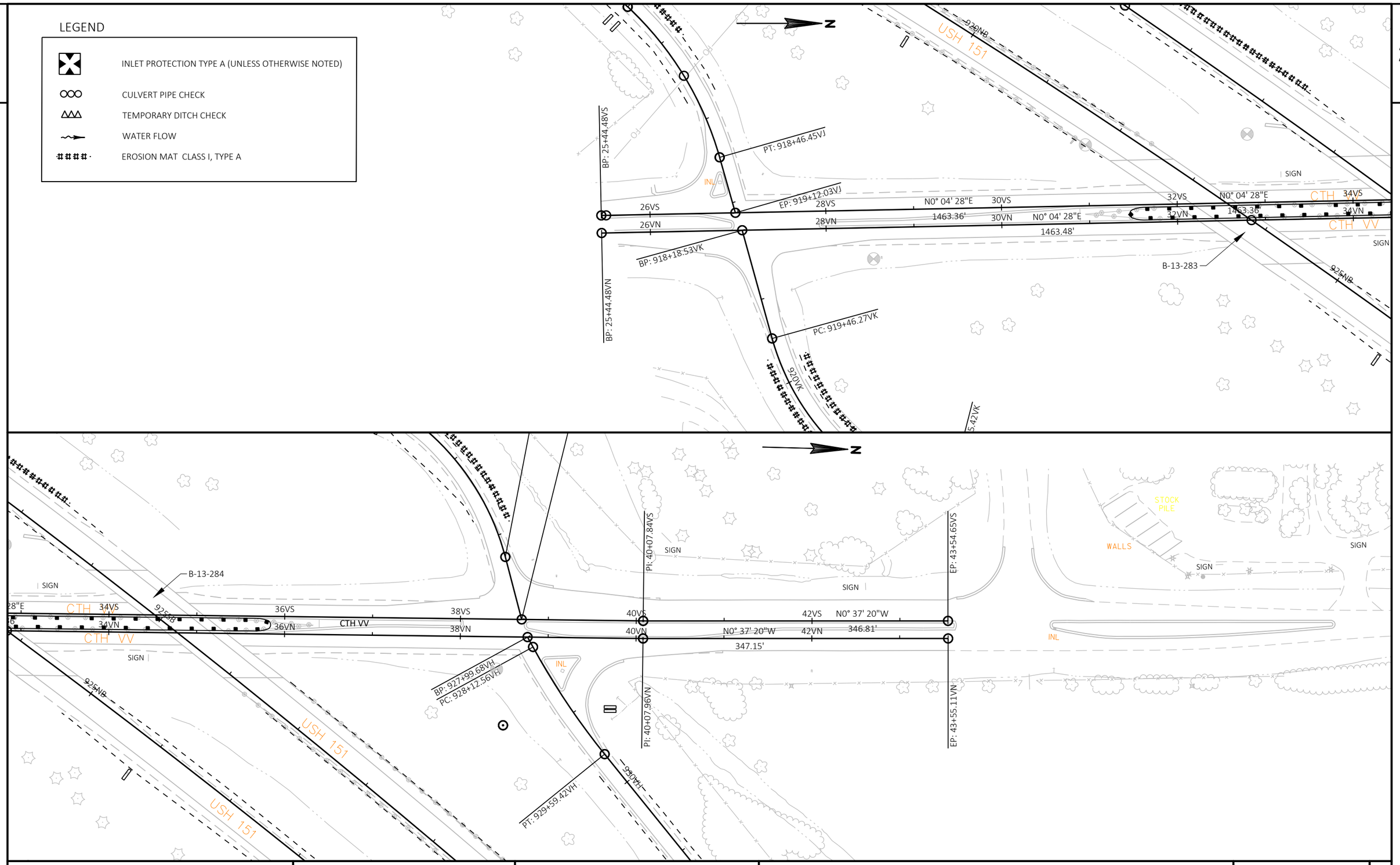
PROJECT NO: 1111-03-72	HWY: DANE	COUNTY: USH 151	EROSION CONTROL	SHEET	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\022001_EC.DWG
LAYOUT NAME - 05

PLOT DATE : 5/23/2018 2:07 PM PLOT BY : SHAW, ADAM M PLOT NAME : PLOT SCALE : 1 IN:200 FT

LEGEND

- INLET PROTECTION TYPE A (UNLESS OTHERWISE NOTED)
- CULVERT PIPE CHECK
- TEMPORARY DITCH CHECK
- WATER FLOW
- EROSION MAT CLASS I, TYPE A

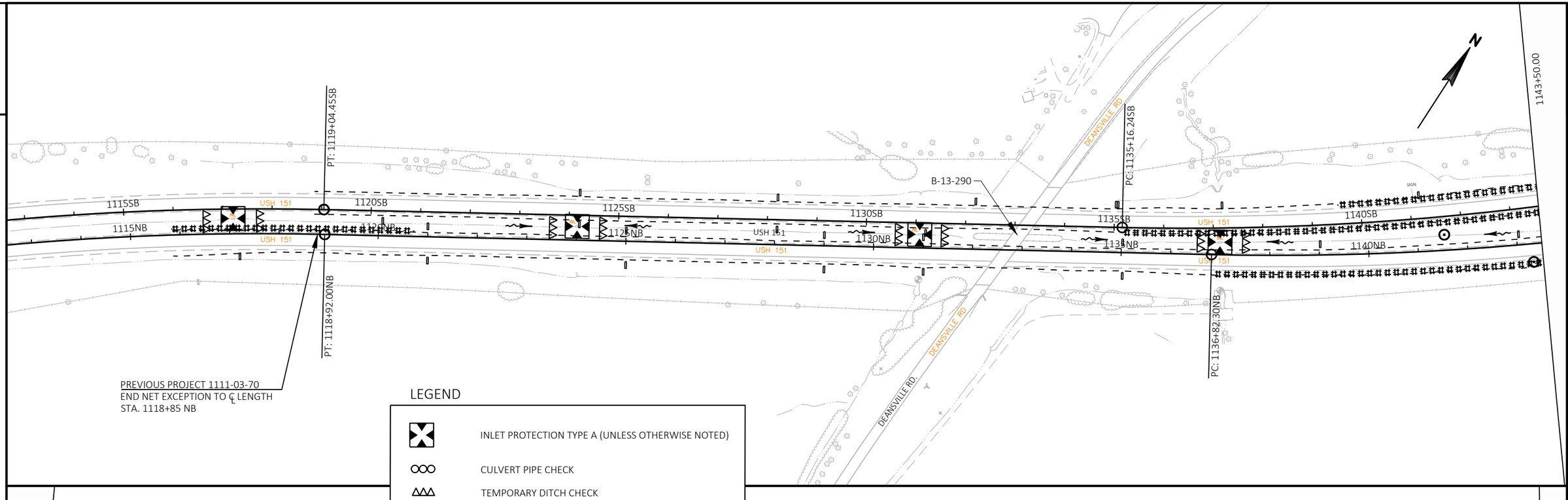


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	EROSION CONTROL - CTH VV	SHEET	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\022001_EC.DWG
LAYOUT NAME - CTH VV

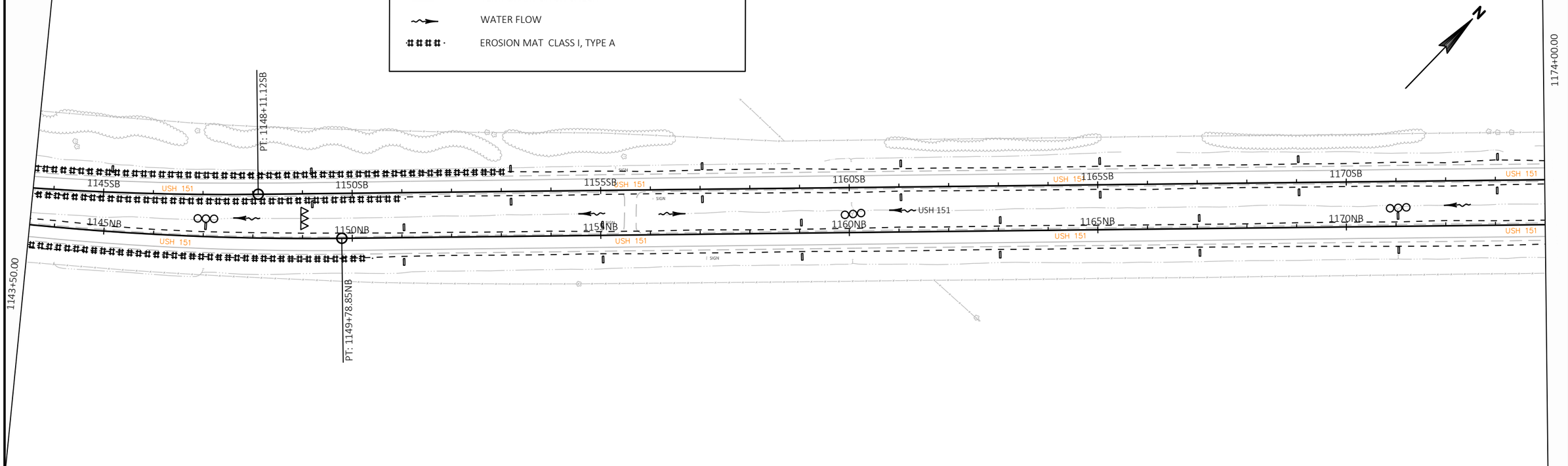
PLOT DATE : 5/23/2018 2:07 PM PLOT BY : SHAW, ADAM M PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44



LEGEND

- INLET PROTECTION TYPE A (UNLESS OTHERWISE NOTED)
- CULVERT PIPE CHECK
- TEMPORARY DITCH CHECK
- WATER FLOW
- EROSION MAT CLASS I, TYPE A



PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE/COLUMBIA	EROSION CONTROL	SHEET 51	E

2

1174+00.00

1204+50.00

2

1204+50.00

1235+00.00

WEINER RD

CHARTER

B-11-73

STH 73

B-11-82

1175SB 1180SB 1185SB 1190SB 1195SB 1200SB

1175NB 1180NB 1185NB 1190NB 1195NB 1200NB

1205SB 1210SB 1215SB 1220SB 1225SB 1230SB

1205NB 1210NB 1215NB 1220NB 1225NB 1230NB

USH 151

SIGN

LEGEND

- INLET PROTECTION TYPE A (UNLESS OTHERWISE NOTED)
- CULVERT PIPE CHECK
- TEMPORARY DITCH CHECK
- WATER FLOW
- EROSION MAT CLASS I, TYPE A

STA. 1215+03 NB
1-24" RCCP TO REMAIN

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	EROSION CONTROL	SHEET 52	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\022002_EC.DWG
LAYOUT NAME - 2

PLOT DATE : 5/23/2018 2:11 PM PLOT BY : SHAW, ADAM M PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

1235+00.00

1240SB 1245SB 1250SB 1255SB 1260SB 1265SB

1240NB 1245NB 1250NB 1255NB 1260NB 1265NB

USH 151

SIGN

1265+50.00

2

LEGEND

- INLET PROTECTION TYPE A (UNLESS OTHERWISE NOTED)
- CULVERT PIPE CHECK
- TEMPORARY DITCH CHECK
- WATER FLOW
- EROSION MAT CLASS I, TYPE A

1265+50.00

PC: 1274+12.20SB

PC: 1274+49.28NB

1270SB 1275SB 1280SB 1285SB 1290SB 1295SB

1270NB 1275NB 1280NB 1285NB 1290NB 1295NB

USH 151

SIGN

BP: 1291+68.36SB

PI: 1292+54.47SB

PC: 1293+10.58SB

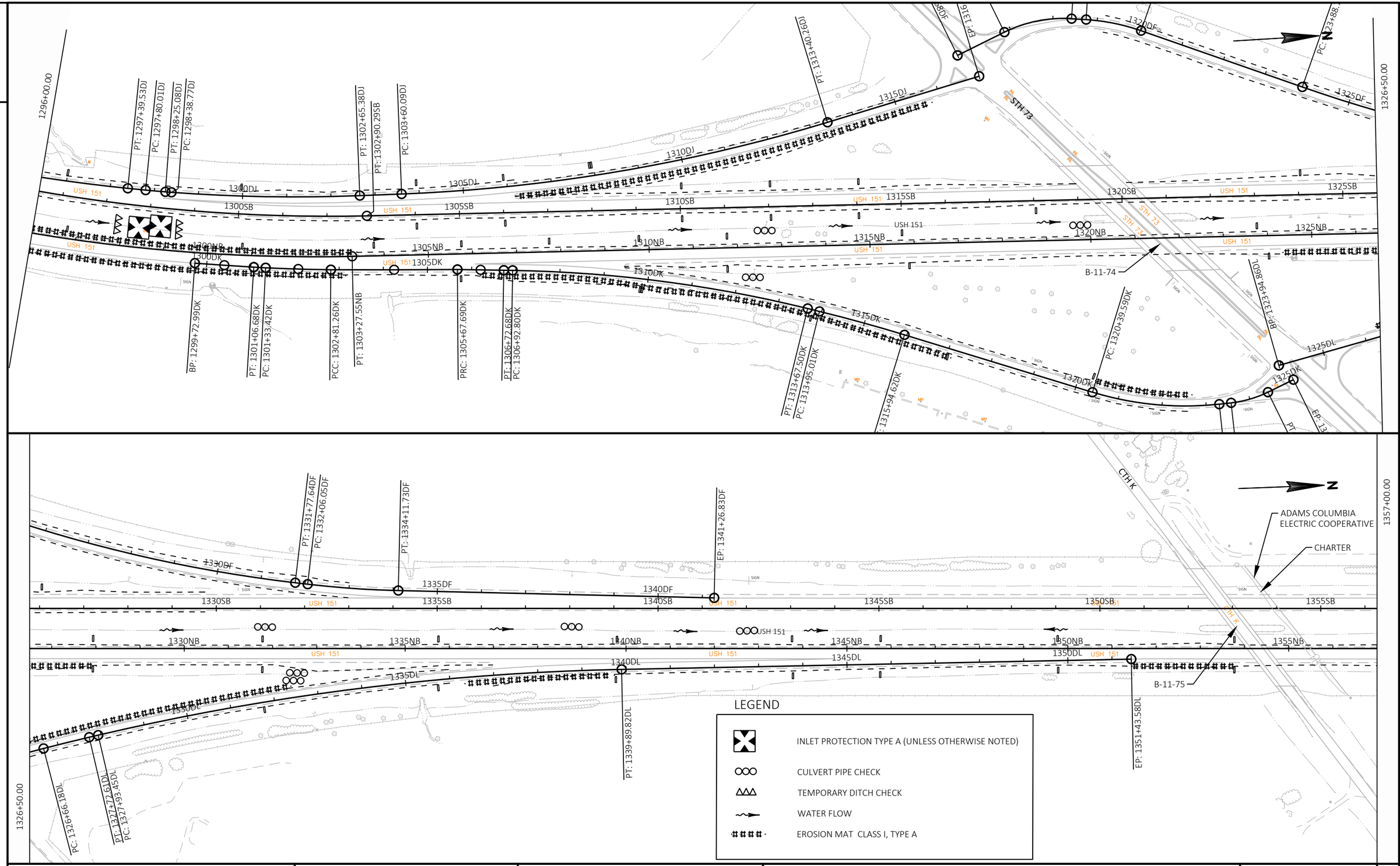
1296+00.00

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	EROSION CONTROL	SHEET 53	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\022002_EC.DWG
LAYOUT NAME - 3

PLOT DATE : 5/23/2018 2:12 PM PLOT BY : SHAW, ADAM M PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44



LEGEND

- INLET PROTECTION TYPE A (UNLESS OTHERWISE NOTED)
- CULVERT PIPE CHECK
- TEMPORARY DITCH CHECK
- WATER FLOW
- EROSION MAT CLASS I, TYPE A

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	EROSION CONTROL	SHEET 54	E

2

2

N

AT&T

USH 151

1360SB 1365SB 1370SB 1375SB 1380SB 1385SB

1360NB 1365NB 1370NB 1375NB 1380NB 1385NB

1357+00.00

PC: 1387+42.19NB

1387+50.00

LEGEND

- INLET PROTECTION TYPE A (UNLESS OTHERWISE NOTED)
- CULVERT PIPE CHECK
- TEMPORARY DITCH CHECK
- WATER FLOW
- EROSION MAT CLASS I, TYPE A

N

PC: 1387+03.38SB

1390SB 1395SB 1400SB 1405SB 1410SB 1415SB

1390NB 1395NB 1400NB 1405NB 1410NB 1415NB

B-11-83

BP: 1415+32.25GH

PC: 1415+79.01GH

INLET PROTECTION TYPE C

B-11-76

MAPLE AVE.

CHARTER

1387+50.00

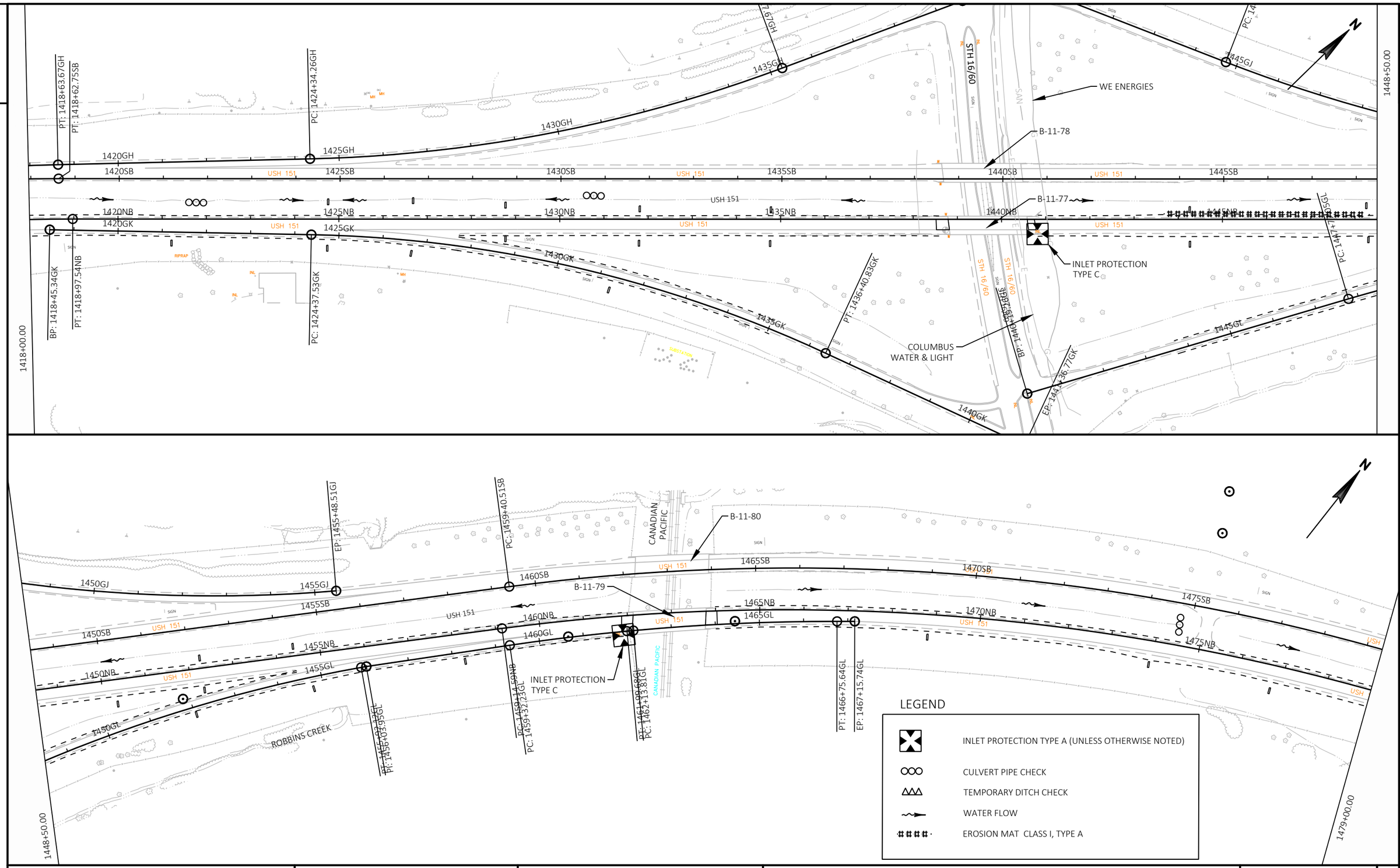
1418+00.00

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	EROSION CONTROL	SHEET 55	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\022002_EC.DWG
LAYOUT NAME - 5

PLOT DATE : 5/23/2018 2:12 PM PLOT BY : SHAW, ADAM M PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44



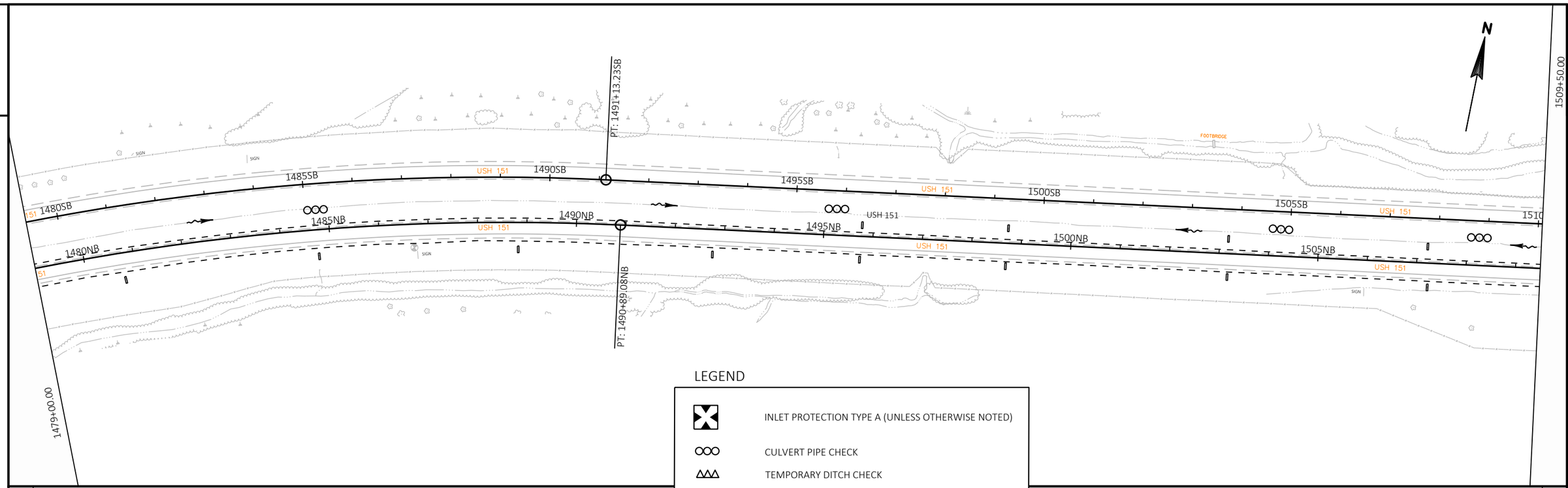
PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	EROSION CONTROL	SHEET 56	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\022002_EC.DWG
LAYOUT NAME - 6

PLOT DATE : 5/23/2018 2:13 PM PLOT BY : SHAW, ADAM M PLOT NAME : PLOT SCALE : 1 IN:200 FT

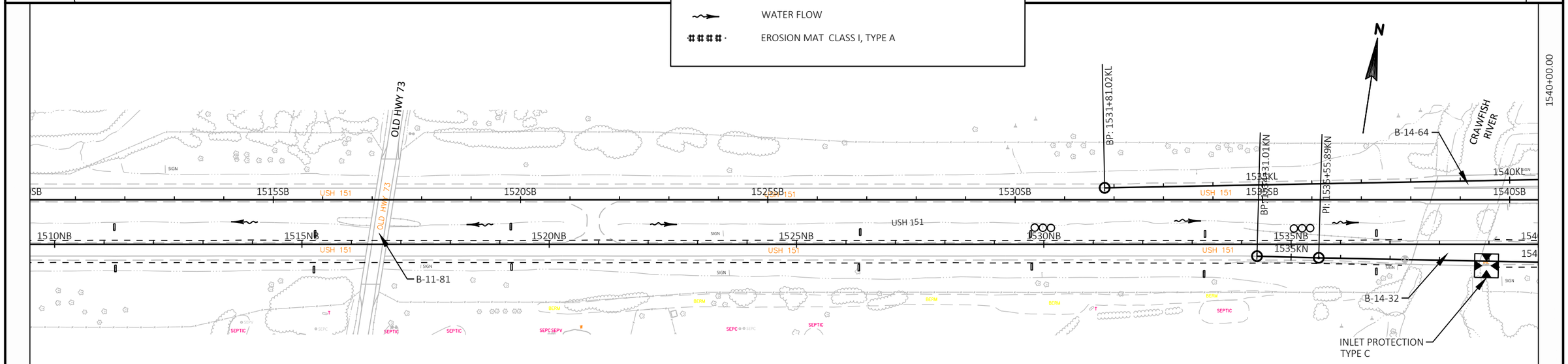
WISDOT/CADDS SHEET 44

2



LEGEND

	INLET PROTECTION TYPE A (UNLESS OTHERWISE NOTED)
	CULVERT PIPE CHECK
	TEMPORARY DITCH CHECK
	WATER FLOW
	EROSION MAT CLASS I, TYPE A

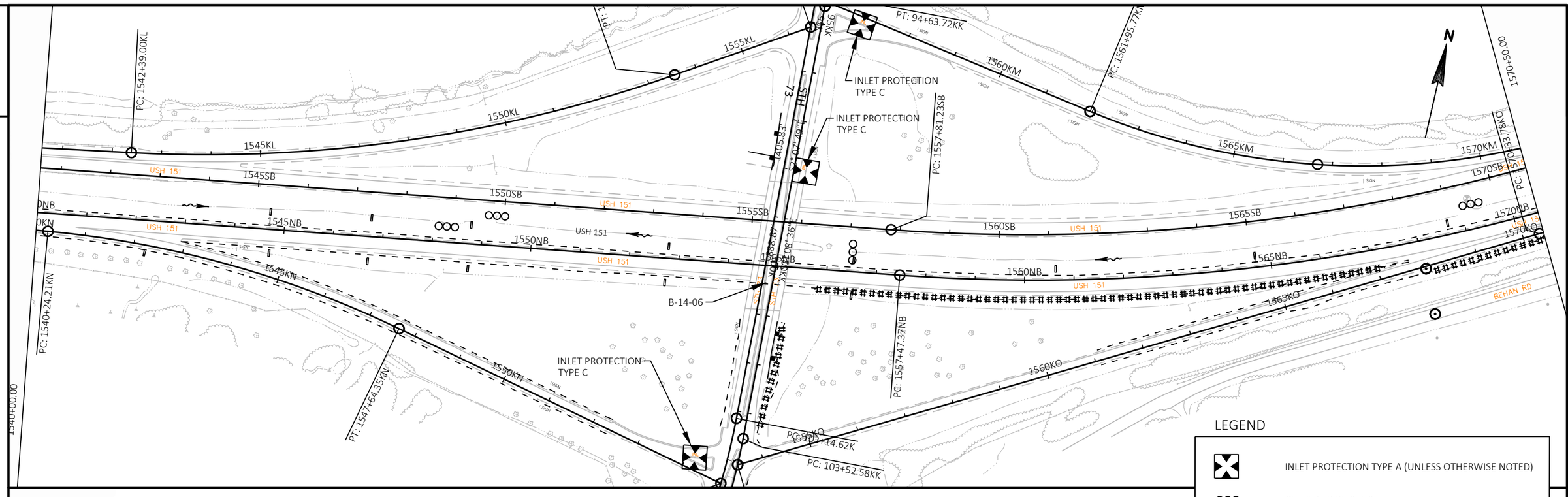


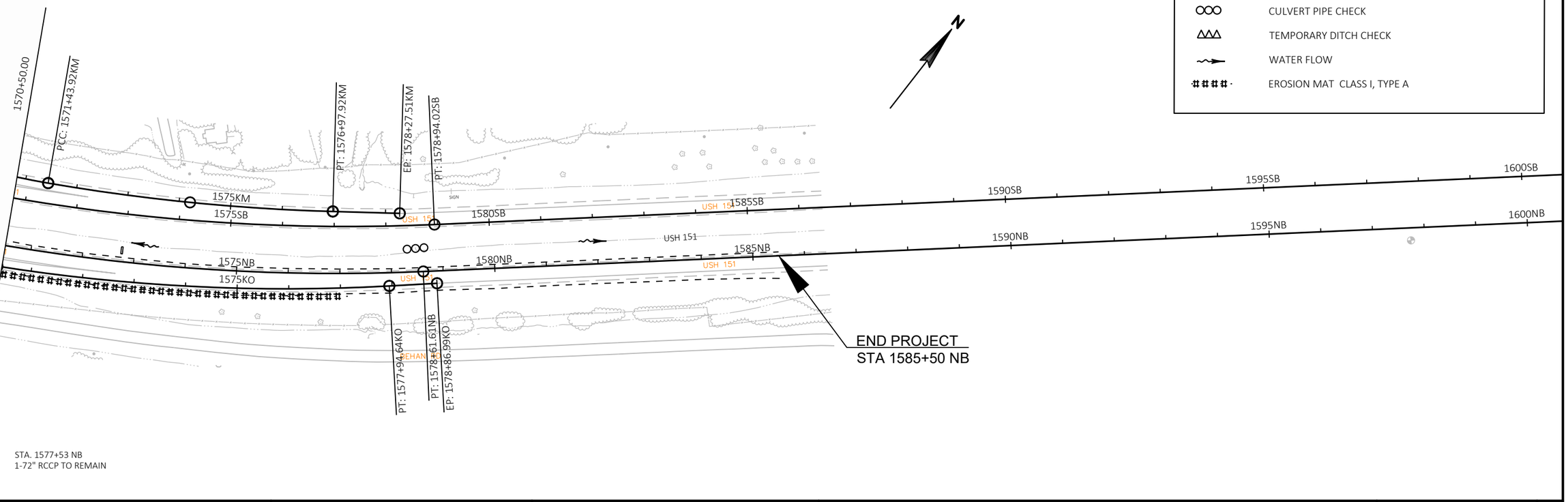
PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA/DODGE	EROSION CONTROL	SHEET	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\022002_EC.DWG
LAYOUT NAME - 7

PLOT DATE : 5/23/2018 2:13 PM PLOT BY : SHAW, ADAM M PLOT NAME : PLOT SCALE : 1 IN:200 FT

2





PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DODGE	EROSION CONTROL	SHEET 58	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\022002_EC.DWG
LAYOUT NAME - 8
PLOT DATE : 5/23/2018 2:14 PM
PLOT BY : SHAW, ADAM M
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44

LEGEND

- INLET PROTECTION TYPE A (UNLESS OTHERWISE NOTED)
- CULVERT PIPE CHECK
- TEMPORARY DITCH CHECK
- WATER FLOW
- EROSION MAT CLASS I, TYPE A

INLET PROTECTION TYPE C

INLET PROTECTION TYPE C

INLET PROTECTION TYPE C

INLET PROTECTION TYPE C

BP: 90+47.89KK

PC: 91+55.14KK

PT: 94+63.72KK

BP: 1556+17.29KM

EP: 1556+46.44KL

BP: 89+08.79K

90K

95K

95KK

S4° 21' 12"E

107.25'

S2° 07' 49"E

1405.83'

S2° 08' 36"E

888.87'

100KK

100K

STH 73

1555SB

1555KL

1555KO

PC: 103+52.58KK

PC: 103+14.62K

BP: 1553+47.41KO

105KK

105K

EP: 1554+86.06KN

PT: 109+71.66K

EP: 110+08.58K

PT: 109+99.66KK

EP: 110+18.20KK

110KK

110K

S26° 49' 17"W

18.55'

S24° 15' 01"W

36.92'

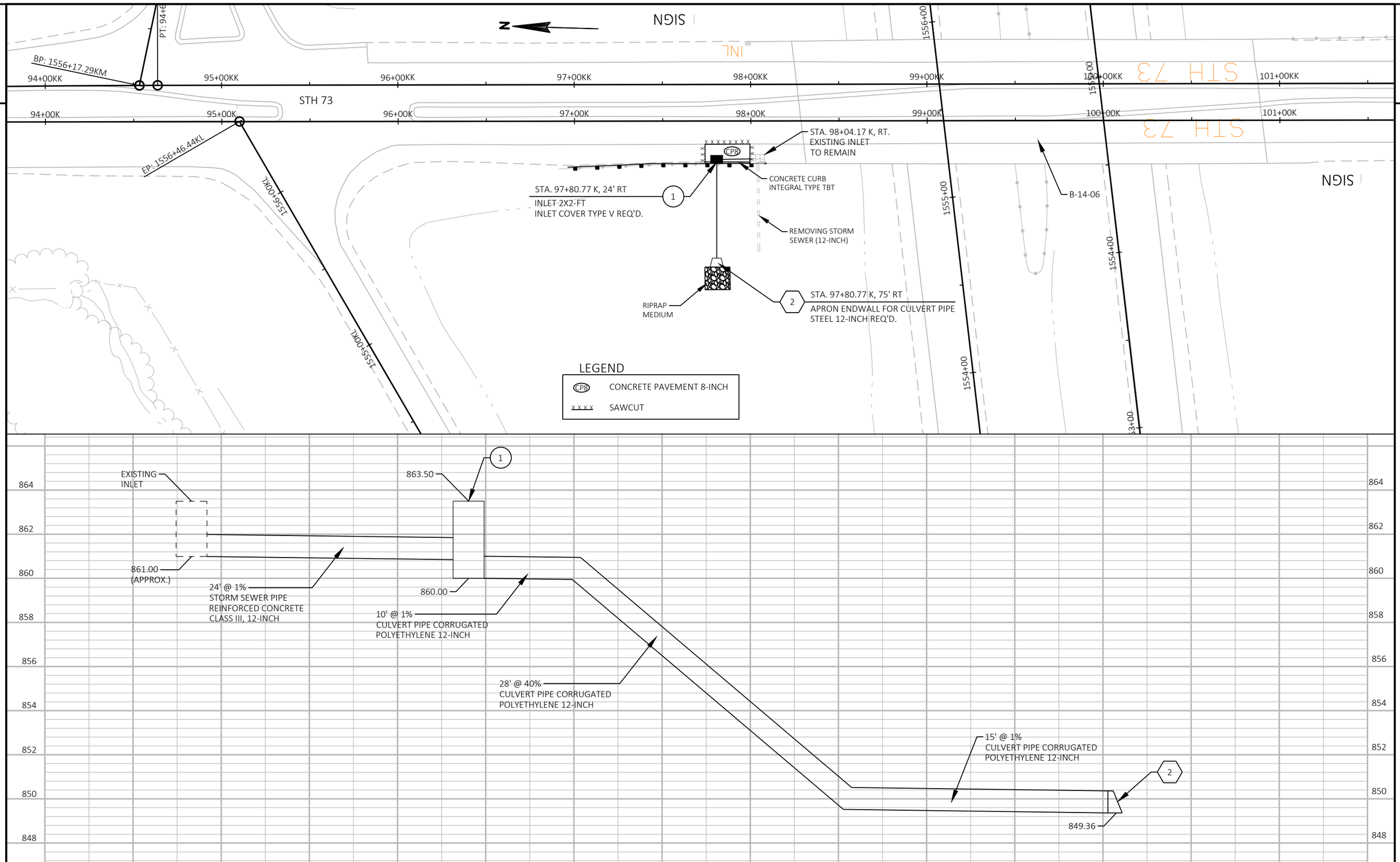
SIGN

POST

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DODGE	EROSION CONTROL - STH 73	SHEET 59	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\022002_EC.DWG
LAYOUT NAME - STH 73

PLOT DATE : 5/23/2018 2:14 PM PLOT BY : SHAW, ADAM M PLOT NAME : PLOT SCALE : 1 IN:100 FT



PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	STORM SEWER	SHEET 60	E

SEE S.D.D. "LONGITUDINAL MARKING (MAINLINE)", S.D.D. "PAVEMENT MARKING (RAMPS AND GORES)", AND S.D.D. "PAVEMENT MARKING FOR PARALLEL ON-RAMP AND PARALLEL OFF-RAMP" FOR PAVEMENT MARKING DETAILS.

USE ITEM MARKING LINE EPOXY FOR PAVEMENT MARKING ON CONCRETE APPROACH SLABS AND BRIDGE DECKS.

REPLACE MARKING IN KIND AT LOCATIONS WHERE THERE IS CONCRETE REPAIR ONLY AND MILL AND OVERLAY.

ESTR
Sun Prairie
Next 4 Exits

EMERGENCY STOPPING ONLY
ESTR

745SB 750SB 755SB 760SB 765SB 770SB
745NB 750NB 755NB 760NB 765NB 770NB
USH 151
STONE QUARRY RD
WILBURN RD
PROGRESS WAY
BRAZEE LAKE
FLORENCE LN
SEPTIC
RIPRAP
SIGN

REMOVE & REPLACE
01-01
MILE 106
D10-3
12"X48"

01-02
MILE 106
D10-3
12"X48"
REMOVE & REPLACE

LEGEND
- EXISTING SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON POST(S)
- NEW SIGN ON STEEL SUPPORT
- 00-00 DENOTES SIGN NUMBER
- ESTR EXISTING SIGN TO REMAIN

775SB 775NB 780SB 780NB 785SB 785NB 790SB 790NB 795SB 795NB 800SB 800NB 805SB 805N
ELDER LN

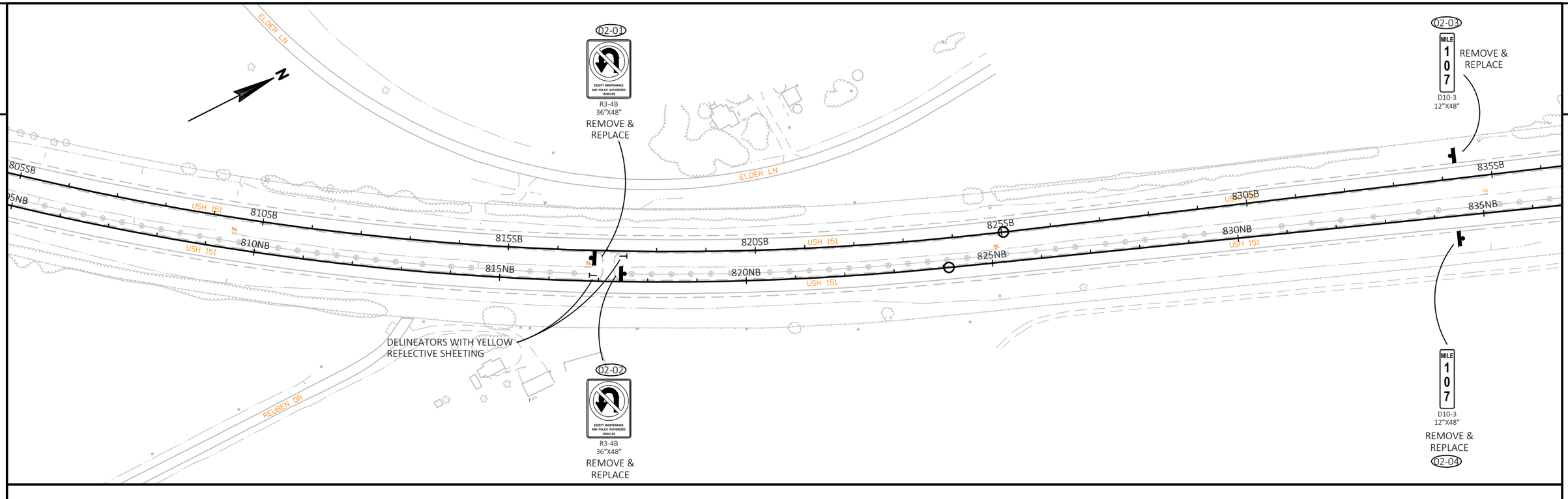
REMOVE
01-03

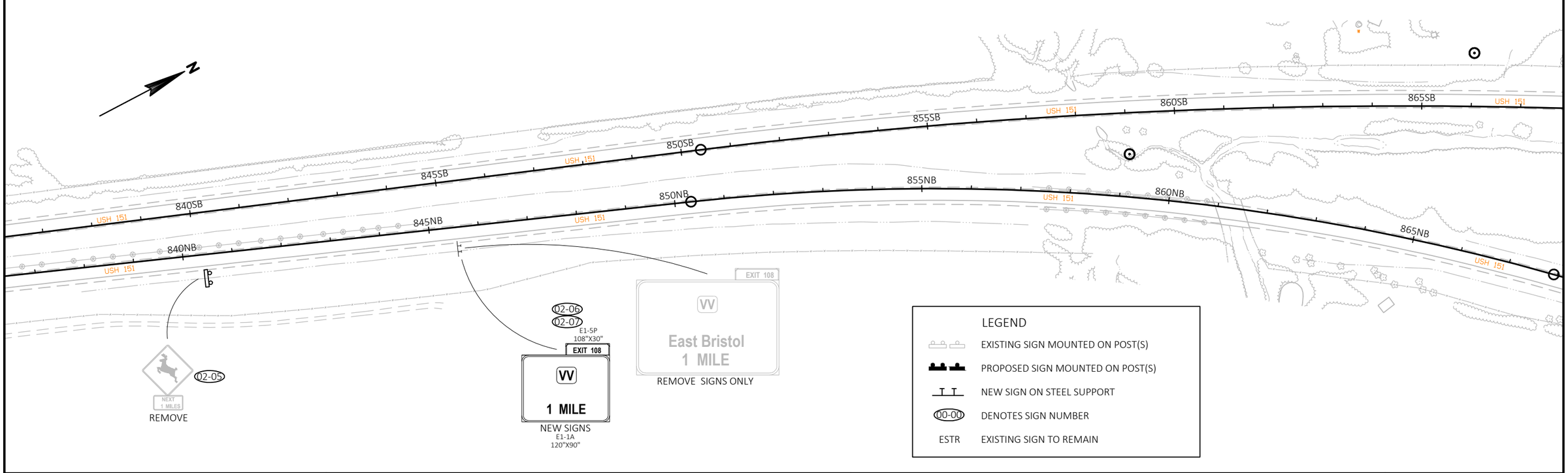
I55-56
30"X18"
01-04
01-05
I55-56P
30"X18"
REMOVE

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	PERMANENT SIGNING	SHEET 61	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\023201_PS.DWG
LAYOUT NAME - 1
PLOT DATE : 4/26/2018 9:08 AM PLOT BY : JOHNSON, JOHN R PLOT NAME : PLOT SCALE : 1 IN:200 FT

2





PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	PERMANENT SIGNING	SHEET 62	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\023201_PS.DWG
LAYOUT NAME - 2

PLOT DATE : 4/26/2018 9:08 AM PLOT BY : JOHNSON, JOHN R PLOT NAME : PLOT SCALE : 1 IN:200 FT

N

03-01 Sun Prairie 5 / Madison 16
D2-2
192"X60"
REMOVE & REPLACE SIGN ONLY

03-02
NEXT 1 MILES
REMOVE

03-03
SPEED LIMIT 70
R2-1
48"X60"
REMOVE & REPLACE IN NEW LOCATION

03-04
MILE 108
D10-3
12"X48"
REMOVE & REPLACE

03-05
MILE 108
D10-3
12"X48"
REMOVE & REPLACE

03-06
SOUTH 151
J4-1
36"X54"
REMOVE & REPLACE

870SB 875SB 880SB 885SB 890SB 895SB
870NB 875NB 880NB 885NB 890NB 895NB
USH 151

03-07
NEW SIGNS
EXIT 108
E1-5P
108"X30"

03-08
E4-1A
120"X54"

REMOVE SIGNS ONLY

EXIT 108
VV
East Bristol

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON POST(S)
- NEW SIGN ON STEEL SUPPORT
- 00-00 DENOTES SIGN NUMBER
- ESTR EXISTING SIGN TO REMAIN

03-09
R3-4B
36"X48"
REMOVE & REPLACE

03-10
R3-4B
36"X48"
REMOVE & REPLACE

03-11
EXIT 108
E5-1A
90"X60"
REMOVE & REPLACE

03-12
W3-1
36"X36"
REMOVE & REPLACE

03-13
ADOPT A HIGHWAY SPONSOR Sun Prairie Lions Club
REMOVE

03-14
COUNTY VV
REMOVE

03-15
East Bristol
REMOVE

03-16
I55-56
30"X18"
ADOPT A HIGHWAY SUN PRAIRIE LIONS CLUB

03-17
I55-56P
30"X18"

03-18
W4-1R
48"X48"
REMOVE & REPLACE

03-19
W4-1R
48"X48"
REMOVE & REPLACE

DELINEATORS WITH YELLOW REFLECTIVE SHEETING

900SB 905SB 910SB 915SB 920SB 925SB 930SB
900NB 905NB 910NB 915NB 920NB 925NB 930NB
900VJ 905VJ 910VJ 915VJ 30VS 35VS 40VS 925VG 930VH 930VK
920VG
USH 151

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	PERMANENT SIGNING	SHEET 63	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\023201_PS.DWG
LAYOUT NAME - 3
PLOT DATE : 4/26/2018 5:25 PM
PLOT BY : GUIDER, VALERIE S
PLOT NAME :
PLOT SCALE : 1 IN:200 FT

2

05-01
REMOVE & REPLACE
W3-1
36"X36"

E5-1A
90"X60"
EXIT
108
05-03
REMOVE & REPLACE

E1-5P
108"X30"
EXIT 108
05-05
VV
05-06
E4-1
120"X54"
REMOVE & REPLACE SIGNS ONLY

REMOVE & REPLACE
R3-4B
36"X48"
05-07

DELINEATORS WITH YELLOW REFLECTIVE SHEETING

935KH
940KH
940SB
935SB
USH 151
945SB
950SB
955SB
960SB
940NB
935NB
945NB
945KK
940KK
935KK
950NB
955NB
960NB

05-02
05-04
MILE 109
D10-3
12"X48"
REMOVE & REPLACE

05-08
R3-4B
36"X48"
REMOVE & REPLACE

05-09
NORTH 151
J4-1
36"X54"
REMOVE & REPLACE

LEGEND

	EXISTING SIGN MOUNTED ON POST(S)
	PROPOSED SIGN MOUNTED ON POST(S)
	NEW SIGN ON STEEL SUPPORT
00-00	DENOTES SIGN NUMBER
ESTR	EXISTING SIGN TO REMAIN

REMOVE & REPLACE
MILE 110
D10-3
12"X48"
05-11

965SB
970SB
975SB
980SB
985SB
990SB
965NB
970NB
975NB
980NB
985NB
990NB

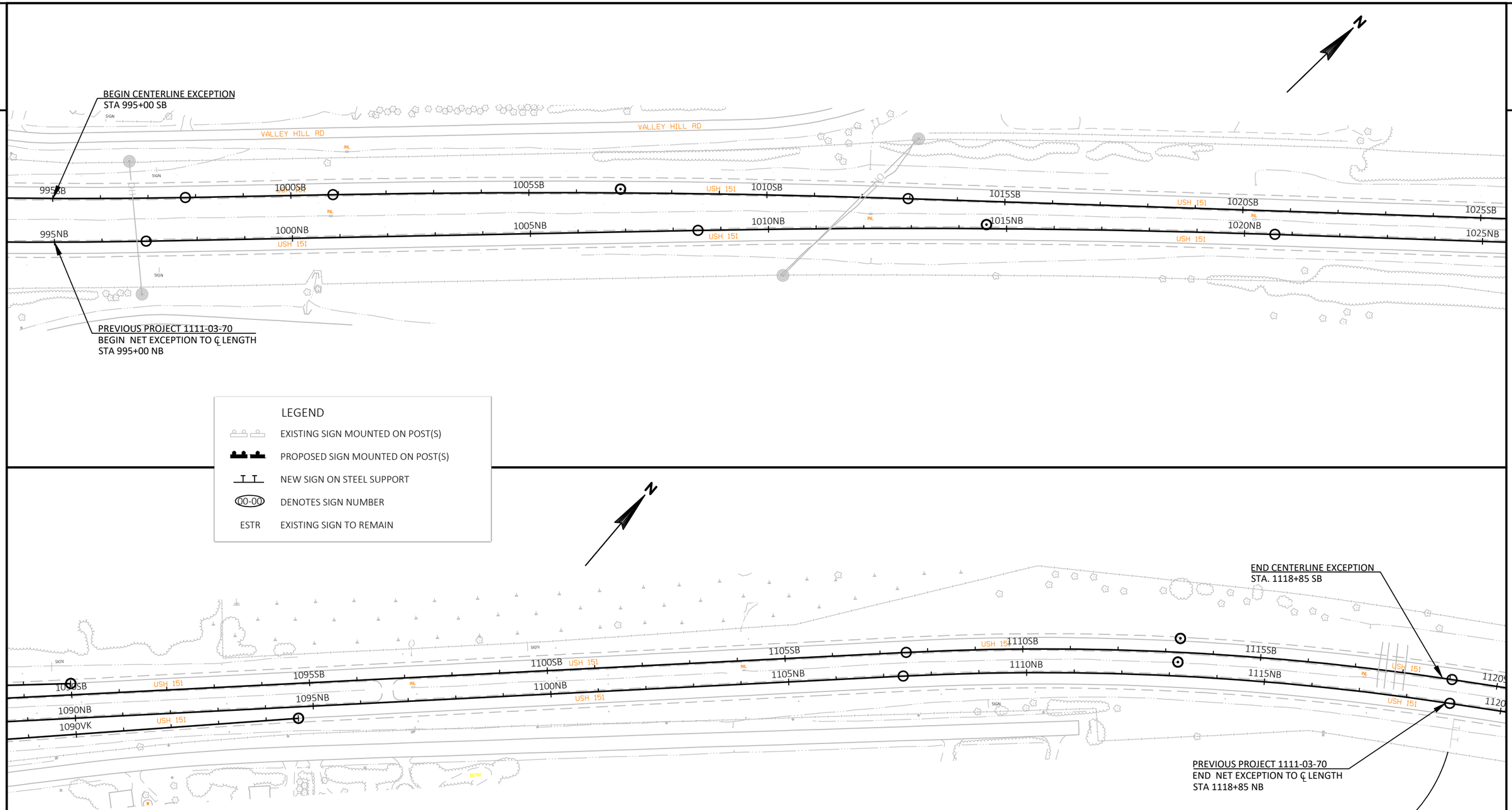
05-10
SPEED LIMIT 70
R2-1
48"X60"
REMOVE & REPLACE

05-12
MILE 110
D10-3
12"X48"
REMOVE & REPLACE

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	PERMANENT SIGNING	SHEET 64	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\023201_PS.DWG
LAYOUT NAME - 5
PLOT DATE : 4/26/2018 9:09 AM
PLOT BY : JOHNSON, JOHN R
PLOT NAME :
PLOT SCALE : 1 IN:200 FT

2

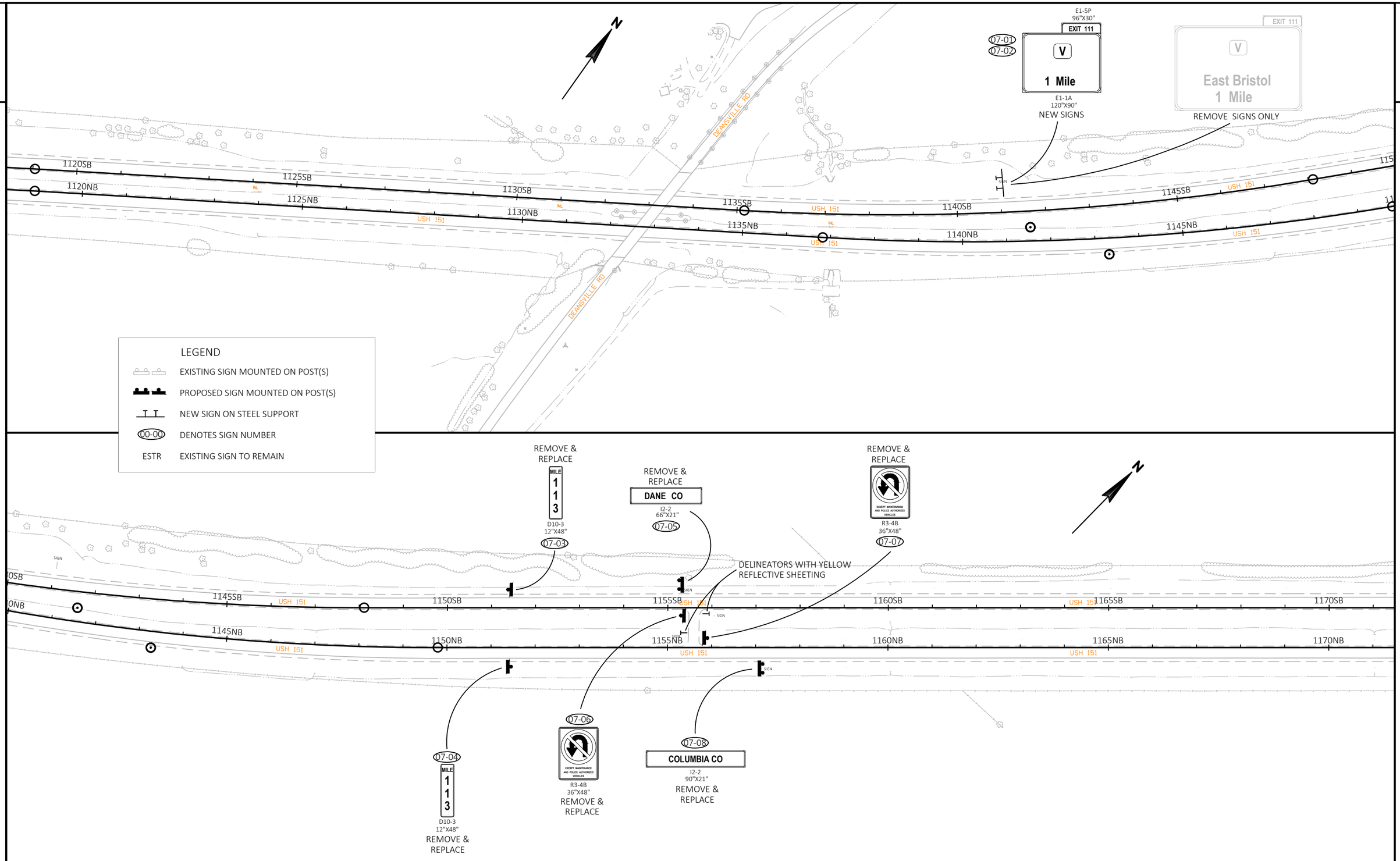


2

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	PERMANENT SIGNING	SHEET 65	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\023201_PS.DWG
LAYOUT NAME - 6
PLOT DATE : 4/26/2018 9:09 AM
PLOT BY : JOHNSON, JOHN R
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44

2



PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE\COLUMBIA	PERMANENT SIGNING	SHEET 66	E

2

2

REMOVE & REPLACE
MILE 114
D10-3
12"X48"
08-03

WEINER RD

REMOVE & REPLACE
Hwy 73
M1-94
60"X21"
08-07

STH 73

USH 151

1185SB 1190SB 1195SB 1200SB 1205SB 1210SB

1185NB 1190NB 1195NB 1200NB 1205NB 1210NB

REMOVE & REPLACE
M1-94
60"X21"
Hwy 73
08-01
08-02
REMOVE

08-04
MILE 114
D10-3
12"X48"
REMOVE & REPLACE

I55-56
30"X18"
08-05
08-06
ADOPT A HIGHWAY
FRIENDS & FAMILY OF JEFF SCHILLING
I55-56P
30"X18"

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON POST(S)
- NEW SIGN ON STEEL SUPPORT
- 00-00 DENOTES SIGN NUMBER
- ESTR EXISTING SIGN TO REMAIN

1215SB 1220SB 1225SB 1230SB 1235SB 1240SB

1215NB 1220NB 1225NB 1230NB 1235NB 1240NB

08-08
Columbus
Next 3 Exits
E9-1
132"X54"

Columbus Exits

Hwy 73 - Bus 151	1 1/2
Hwy 16	3 3/4
Hwy 73	5 3/4

REMOVE SIGN AND SUPPORTS

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	PERMANENT SIGNING	SHEET 67	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\023202_PS.DWG
LAYOUT NAME - 8

PLOT DATE : 4/27/2018 9:09 AM PLOT BY : JOHNSON, JOHN R PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

REMOVE & REPLACE
SLOWER TRAFFIC KEEP RIGHT
R4-3
48"X60"
09-03

REMOVE & REPLACE
MILE 115
D10-3
12"X48"
09-06

REMOVE
EMERGENCY STOPPING ONLY
09-07

Sun Prairie 12
Madison 23
D2-2
192"X60"
09-09

REMOVE & REPLACE
SPEED LIMIT 70
R2-1
48"X60"
09-10

1250SB 1255SB 1260SB 1265SB 1270SB 1275SB
1250NB 1255NB 1260NB 1265NB 1270NB 1275NB
USH 151

09-01
09-02
E1-5P
108"X30"
Exit 115
Bus. 151 73
Columbus 1 Mile
REMOVE SIGNS ONLY

E1-1A
192"X150"

09-04
HOSPITAL EXIT 115
E10-61
144"X54"
REMOVE AND REPLACE IN NEW LOCATION

09-05
MILE 115
D10-3
12"X48"
REMOVE & REPLACE

09-08
E3-1
144"X108"
Christopher Columbus Museum Exit 115
REMOVE & REPLACE SIGN & SUPPORTS

Amtrak Station Exit 115
ESTR

REMOVE SIGN AND SUPPORTS
Sun Prairie 12
Madison 23
09-11

REMOVE & REPLACE
SOUTH 151
J4-1
36"X54"
09-12

REMOVE & REPLACE
EXCEPT MAINTENANCE AND POLICE AUTHORIZED VEHICLES
R3-4B
36"X48"
09-14

REMOVE
ADOPT A HIGHWAY SPONSORED BY Friends and Family of Jeff Schilling
09-15

1280SB 1285SB 1290SB 1295SB 1300SB 1305SB
1280NB 1285NB 1290NB 1295NB 1300NB 1305NB
1295DJ 1300DJ 1305DJ 1300DK 1305DK
USH 151

Food - Exit 115
ESTR

09-13
EXCEPT MAINTENANCE AND POLICE AUTHORIZED VEHICLES
R3-4B
36"X48"
REMOVE & REPLACE

DELINEATORS WITH YELLOW REFLECTIVE SHEETING

Gas - Exit 115
ESTR

Exit 115
Bus. 151 73
Columbus
REMOVE SIGNS ONLY

09-16
09-17
E1-5P
108"X30"
Exit 115
Bus. 73 151
Columbus
E4-1A
228"X120"

LEGEND
EXISTING SIGN MOUNTED ON POST(S)
PROPOSED SIGN MOUNTED ON POST(S)
NEW SIGN ON STEEL SUPPORT
00-00 DENOTES SIGN NUMBER
ESTR EXISTING SIGN TO REMAIN

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	PERMANENT SIGNING	SHEET 68	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\023202_PS.DWG
LAYOUT NAME - 9
PLOT DATE : 4/27/2018 9:09 AM
PLOT BY : JOHNSON, JOHN R
PLOT NAME :
PLOT SCALE : 1 IN:200 FT

2

2

REMOVE & REPLACE
MILE 116
D10-3
12"X48"
10-02

REMOVE & REPLACE
W4-1R
48"X48"
10-04

1315DJ
1310DJ
1320DF
1325DF
1330DF
1335DF

I55-56
30"X18"
10-05
10-06
ADOPT A HIGHWAY
FRIENDS & FAMILY OF JEFF SCHILLING
I55-56P
30"X18"

REMOVE & REPLACE
EXIT 115
E5-1A
90"X60"
10-09

N

1310SB
1315SB
1320SB
1325SB
1330SB
1335SB
USH 151
STH 73

1310NB
1315NB
1320NB
1325NB
1330NB
1335NB

1310DK
1315DK
1320DK
1325DK
1325DL
1330DL
1335DL

10-01
EXIT 115
E5-1A
90"X60"
REMOVE & REPLACE

10-03
MILE 116
D10-3
12"X48"
REMOVE & REPLACE

I55-56
30"X18"
10-07
10-08
ADOPT A HIGHWAY
COLUMBUS HEALTH AND REHAB CENTER
I55-56P
30"X18"

10-10
W4-1R
48"X48"
REMOVE & REPLACE

10-11
ADOPT A HIGHWAY
SPONSOR
Columbus Nursing and Rehab Center
REMOVE

N

REMOVE & REPLACE
Hwy K
M1-94
54X21"
10-15

REMOVE & REPLACE
R3-4B
36"X48"
10-17

REMOVE
HOSPITAL EXIT 115
10-19

REMOVE & REPLACE
MILE 117
D10-3
12"X48"
10-20

1340DF
1340SB
1345SB
1350SB
1355SB
1360SB
1365SB
1370SB

1340NB
1345NB
1350NB
1355NB
1360NB
1365NB
1370NB

1340DL
1345DL
1350DL

STH K

DELINEATORS WITH YELLOW REFLECTIVE SHEETING

10-12
10-13
E1-5P
108"X30"
Exit 115
73
Columbus
Marshall
E4-1A
228"X132"

Exit 115
Bus. 151 73
Columbus
Marshall
REMOVE SIGNS ONLY

10-14
Hwy K
M1-94
54"X21"
REMOVE & REPLACE

10-16
NORTH 151
J4-1
36"X54"
REMOVE & REPLACE

10-18
R3-4B
36"X48"
REMOVE & REPLACE

10-21
MILE 117
D10-3
12"X48"
REMOVE & REPLACE

10-22
10-23
Exit 118
16 60
Columbus
Portage
1 Mile

10-24
SPEED LIMIT 70
R2-1
48"X60"
REMOVE & REPLACE

10-25
Exit 115
Bus. 151 73
Columbus
Marshall
1/2 Mile
REMOVE SIGNS & SUPPORTS

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	PERMANENT SIGNING	SHEET 69	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\023202_PS.DWG
LAYOUT NAME - 10
PLOT DATE : 4/27/2018 9:10 AM
PLOT BY : JOHNSON, JOHN R
PLOT NAME :
PLOT SCALE : 1 IN:200 FT

2

2

N

HOSPITAL
EXIT 115

E10-61
144"X54"
11-02

Hwy 73 1
Sun Prairie 14
Madison 25

11-03

REMOVE SIGN & SUPPORTS

11-04 11-05 Exit 115

E1-5P
108"X30"

73
Columbus
Marshall
1 Mile

E1-1A
192"X162"

REMOVE & REPLACE

SPEED LIMIT 70

R2-1
48"X60"

11-07

1375SB 1380SB 1385SB 1390SB 1395SB 1400SB
1375NB 1380NB 1385NB 1390NB 1395NB 1400NB
USH 151

11-01

Exit 118

16 60
Columbus
Portage
3/4 Mile

REMOVE SIGN & SUPPORTS

Food - Exit 118

ESTR

11-06

R3-4B
36"X48"
REMOVE & REPLACE

11-08

R3-4B
36"X48"
REMOVE & REPLACE

Gas - Next Right

Lodging - Next Right

ESTR

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON POST(S)
- NEW SIGN ON STEEL SUPPORT
- 00-00 DENOTES SIGN NUMBER
- ESTR EXISTING SIGN TO REMAIN

REMOVE & REPLACE

SOUTH 151

J4-1
36"X54"
11-09

REMOVE & REPLACE
11-10

MILE 118

D10-3
12"X48"

REMOVE

ADOPT A HIGHWAY sponsor Columbus Nursing and Rehab Center

11-14

REMOVE & REPLACE

W4-1R
48"X48"
11-16

1405SB 1410SB 1415SB 1420SB 1425SB 1430SB
1405NB 1410NB 1415NB 1420NB 1425NB 1430NB
USH 151

MAPLE AVE

11-11

MILE 118

D10-3
12"X48"
REMOVE & REPLACE

11-12
11-13

E1-5P
108"X30"

Exit 118

16 60
Columbus
Portage

E4-1A
228"X132"

REMOVE & REPLACE SIGNS & SUPPORTS IN NEW LOCATION

11-15

EXIT
118

E5-1A
90"X60"
REMOVE & REPLACE

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	PERMANENT SIGNING	SHEET 70	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\023202_PS.DWG
LAYOUT NAME - 11

PLOT DATE : 4/27/2018 9:10 AM PLOT BY : JOHNSON, JOHN R PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

2

REMOVE & REPLACE

EXIT 118

E5-1A 90"X60"

12-04

I55-56 30"X18"

12-01

12-02

ADOPT A HIGHWAY COLUMBUS HEALTH AND REHAB CENTER

I55-56P 30"X18"

N

REMOVE & REPLACE SIGNS & SUPPORTS IN NEW LOCATION

12-05 12-06 Exit 118

E1-5P 108"X30"

16 60

Columbus Portage

E4-1A 228"X132"

1435SB 1440SB 1445SB 1450SB 1455SB 1460SB 1465SB

USH 151

1435NB 1440NB 1445NB 1450NB 1455NB 1460NB 1465NB

USH 151

STH 16/60

CANADIAN PACIFIC

12-03

W4-1R 48"X48"

REMOVE & REPLACE

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON POST(S)
- NEW SIGN ON STEEL SUPPORT
- 00-00 DENOTES SIGN NUMBER
- ESTR EXISTING SIGN TO REMAIN

REMOVE & REPLACE

MILE 119

D10-3 12"X48"

12-07

REMOVE & REPLACE

R3-4B 36"X48"

12-10

Gas - Next Right

Lodging - Next Right

ESTR

Food - Exit 118

ESTR

N

1470SB 1475SB 1480SB 1485SB 1490SB 1495SB

USH 151

1470NB 1475NB 1480NB 1485NB 1490NB 1495NB

USH 151

E1-5P 108"X30"

E1-5P 228"X120"

12-13 12-14 Exit 120

73

Columbus Randolph 1 Mile

E1-1A 192"X162"

REMOVE & REPLACE SIGNS & SUPPORTS IN NEW LOCATION

DELINEATORS WITH YELLOW REFLECTIVE SHEETING

12-08

MILE 119

D10-3 12"X48"

REMOVE & REPLACE

12-09

NORTH 151

J4-1 36"X54"

REMOVE & REPLACE

12-11

R3-4B 36"X48"

REMOVE & REPLACE

12-12

SPEED LIMIT 70

R2-1 48"X60"

REMOVE & REPLACE

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	PERMANENT SIGNING	SHEET 71	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\023202_PS.DWG
LAYOUT NAME - 12

PLOT DATE : 4/27/2018 9:11 AM PLOT BY : JOHNSON, JOHN R PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

2

REMOVE & REPLACE
EMERGENCY STOPPING ONLY
R8-7
48"X36"
13-01

REMOVE & REPLACE
SPEED LIMIT 70
R2-1
48"X60"
13-04

REMOVE & REPLACE
Columbia Co.
I2-2
90"X21"
13-05

REMOVE & REPLACE
MILE 120
D10-3
12"X48"
13-08

REMOVE & REPLACE
EXCEPT MAINTENANCE AND POLICE AUTHORIZED VEHICLES
R3-4B
36"X48"
13-07
13-10

REMOVE & REPLACE
SOUTH 151
J4-1
36"X54"
13-13

N

FOOTBRIDGE

USH 151 1500SB 1505SB USH 151 1510SB 1515SB USH 151 OLD HWY 73 1520SB 1525SB USH 151

1500NB 1505NB 1510NB 1515NB USH 151 1520NB 1525NB

Gas - Exit 120
ESTR

13-02 13-03
E1-5P
108"X30"
Exit 118
16 60
Columbus
Portage
1 Mile
E1-1A
192"X162"
REMOVE & REPLACE
SIGNS ONLY

13-06
Dodge Co.
I2-2
72"X21"
REMOVE & REPLACE

DELINEATORS WITH YELLOW REFLECTIVE SHEETING

13-09
MILE 120
D10-3
12"X48"
REMOVE & REPLACE

13-11
13-12
CROSS TRAFFIC
NEXT 42 MILES
REMOVE

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON POST(S)
- NEW SIGN ON STEEL SUPPORT
- 00-00 DENOTES SIGN NUMBER
- ESTR EXISTING SIGN TO REMAIN

REMOVE
Crawfish River
CRAWFISH RIVER
I3-1
66"X36"
13-16
13-17

1530SB 1535SB 1540SB 1545SB 1550SB 1555SB 1560SB

1530NB 1535NB 1540NB 1545NB 1550NB 1555NB

1535KL 1540KL 1545KL 1550KL 1555KL 1560KM

1535KN 1540KN 1545KN 1550KN 1555KO

350'

13-14 13-15
E1-5P
108"X30"
Exit 120
73
Columbus
Randolph
E4-1A
228"X132"
REMOVE & REPLACE
SIGNS & SUPPORTS
IN NEW LOCATION

13-18
EXIT
120
E5-1A
90"X60"
REMOVE &
REPLACE

13-19
W3-1
36"X36"
REMOVE & REPLACE
IN NEW LOCATION

13-20
NORTH SOUTH
73 73
J2-2
48"X57"
REMOVE & REPLACE
IN NEW LOCATION

13-21
Randolph
Columbus
D1-2
72"X30"
REMOVE & REPLACE
IN NEW LOCATION

13-23
WRONG WAY
R5-1A
36"X24"

REMOVE & REPLACE
W4-1R
48"X48"
13-22

Gas
ESTR

13-24
WRONG WAY
R5-1A
36"X24"
REMOVE & REPLACE
IN NEW LOCATION

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA\DODGE	PERMANENT SIGNING	SHEET 72	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\023202_PS.DWG
LAYOUT NAME - 13
PLOT DATE : 4/27/2018 9:11 AM
PLOT BY : JOHNSON, JOHN R
PLOT NAME :
PLOT SCALE : 1 IN:200 FT

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON POST(S)
- NEW SIGN ON STEEL SUPPORT
- 00-00 DENOTES SIGN NUMBER
- ESTR EXISTING SIGN TO REMAIN

N

REMOVE
Christopher
Columbus
Museum
14-02

REMOVE & REPLACE
WRONG WAY
R5-1A
36"X24"
14-03

REMOVE & REPLACE
Columbus
Randolph
D1-2
72"X30"
14-04

REMOVE & REPLACE
SOUTH BUSINESS NORTH
73 151 73
J2-3
72"X57"
14-07

REMOVE & REPLACE
EXIT
120
E5-1A
90"X60"
14-09

REMOVE & REPLACE
MILE
1
2
1
D10-3
12"X48"
14-10

REMOVE & REPLACE SIGNS & SUPPORTS IN NEW LOCATION
Exit 120
73
Business
151
Columbus
Randolph
14-13
14-14

14-01
WRONG WAY
R5-1A
36"X24"
REMOVE & REPLACE

Gas
Food
ESTR

REMOVE & REPLACE IN NEW LOCATION
W3-1
36"X36"
14-08

Amtrak Station
REMOVE

PEDESTRIANS
BICYCLES
NON MOTORIZED TRAFFIC
MOTOR BICYCLES
PROHIBITED
R5-57
36"X36"
14-15
14-16
BEYOND NEXT EXIT
R5-57B
36"X30"

END PROJECT
STA 1585+50 SB

95XK

1560KM
1560SB
1560NB
1560KO
1565KM
1565SB
1565NB
1565KO
1570KM
1570SB
1570NB
1570KO
1575KM
1575SB
1575NB
1575KO
1580SB
1580NB
1585SB
1585NB

USH 151

BEHAN RD

14-05
W4-1R
48"X48"
REMOVE & REPLACE

14-06
Amtrak Station
Christopher
Columbus
Museum
D1-4
102"X48"

14-11
MILE
1
2
1
D10-3
12"X48"
REMOVE & REPLACE

14-12
CROSS TRAFFIC
NEXT 7 MILES
W6-53
144"X48"

14-17
NORTH
151
J4-1
36"X54"
REMOVE & REPLACE

END PROJECT
STA 1585+50 NB

SPEED LIMIT 65
ESTR

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DODGE	PERMANENT SIGNING	SHEET 73	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\023202_PS.DWG
LAYOUT NAME - 14

PLOT DATE : 4/27/2018 9:11 AM PLOT BY : JOHNSON, JOHN R PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

04-01 JCT 151 J1-1 24"X39" REMOVE & REPLACE

04-02 DO NOT ENTER R5-1 30"X30" REMOVE & REPLACE

04-03 04-04 R4-7 24"X30" W5-56 18"X18" REMOVE & REPLACE

04-05 SOUTH 151 NORTH 151 NEXT RIGHT J2-2 48"X57"

04-06 East Bristol Sun Prairie Columbus REMOVE

04-07 Madison Fond du Lac D1-2 84"X30" NEW SIGN

04-08 WRONG WAY R5-1A 36"X24" REMOVE & REPLACE

04-09 WRONG WAY R5-1A 36"X24" REMOVE & REPLACE

04-10 W6-2 36"X36" REMOVE & REPLACE

04-11 COUNTY VV REMOVE

04-12 04-13 WRONG WAY R5-1A 36"X24" REMOVE & REPLACE

04-15 04-25 STOP R1-1 36"X36" REMOVE & REPLACE

04-21 04-22 R6-1R 36"X12" ONE WAY R1-1 36"X36" STOP DIVIDED HIGHWAY R6-3 30"X24" 04-23 REMOVE & REPLACE

04-16 NORTH 151 J3-1 24"X57" NEW SIGN

04-17 SOUTH 151 NORTH 151 REMOVE

04-18 DO NOT ENTER R5-1 30"X30" REMOVE & REPLACE

04-19 R3-2 24"X24" REMOVE & REPLACE

04-20 NORTH 151 REMOVE

04-26 COUNTY VV J13-1 24"X45"

04-27 DO NOT ENTER R5-1 30"X30" REMOVE & REPLACE

04-24 ONE WAY R6-2L 24"X30" REMOVE & REPLACE

04-28 PEDESTRIANS BICYCLES NON MOTORIZED TRAFFIC MOTOR BICYCLES PROHIBITED R5-57 36"X36" REMOVE & REPLACE

04-29 ONE WAY R6-2L 24"X30" REMOVE & REPLACE

04-32 R4-7 24"X30" REMOVE & REPLACE

04-33 NORTH 151 J3-1 24"X57"

04-30 DO NOT ENTER R5-1 30"X30" REMOVE & REPLACE

04-31 R3-1 24"X24" REMOVE & REPLACE

04-34 WRONG WAY R5-1A 36"X24" REMOVE & REPLACE

04-36 LEFT TURN LANE REMOVE

04-35 SOUTH 151 J2-1 24"X57" REMOVE & REPLACE IN NEW LOCATION

04-37 Fond du Lac D1-1 84"X15" NEW SIGN

04-38 Columbus

04-43 NORTH 151 J2-1 24"X57"

04-44 SOUTH 151 J3-1 24"X57"

04-50 PEDESTRIANS BICYCLES NON MOTORIZED TRAFFIC MOTOR BICYCLES PROHIBITED R5-57 36"X36" REMOVE & REPLACE

04-48 ONE WAY R6-2L 24"X30" REMOVE & REPLACE

04-46 R4-7 24"X30" REMOVE & REPLACE

04-73 SOUTH 151 REMOVE

04-57 DO NOT ENTER R5-1 30"X30" REMOVE & REPLACE

04-58 NORTH 151 SOUTH 151 REMOVE

04-59 SOUTH 151 J3-1 24"X57"

04-64 TO COUNTY VV REMOVE

04-65 NORTH 151 SOUTH 151 NEXT RIGHT J2-2 48"X57"

04-68 NORTH 151 SOUTH 151 REMOVE

04-69 TO COUNTY VV J3-1 24"X57"

REMOVE JCT 151 TO COUNTY VV 04-71

04-72 JCT 151 J1-1 24"X39"

04-70 WRONG WAY R5-1A 36"X24" REMOVE & REPLACE

04-77 DO NOT ENTER R5-1 30"X30" REMOVE & REPLACE

04-66 Columbus Sun Prairie REMOVE

04-67 Fond du Lac Madison D1-2 84"X30" NEW SIGN

04-39 East Bristol Sun Prairie REMOVE

04-41 WRONG WAY R5-1A 36"X24" REMOVE & REPLACE

04-42 LEFT TURN LANE REMOVE

04-40 Madison D1-1 66"X15" NEW SIGN

04-45 R3-1 24"X24" REMOVE & REPLACE

04-74 04-75 930SB 930NB 930VK

04-76 COUNTY VV J13-1 24"X45"

04-47 04-49 DO NOT ENTER R5-1 30"X30" REMOVE & REPLACE

04-51 04-60 STOP R1-1 36"X36" REMOVE & REPLACE

04-53 ONE WAY R6-2L 24"X30" REMOVE & REPLACE

04-54 04-55 ONE WAY R6-1R 36"X12" STOP R1-1 36"X36" DIVIDED HIGHWAY R6-3 30"X24" 04-56 REMOVE & REPLACE

04-52 R3-2 24"X24" REMOVE & REPLACE

04-61 LEFT TURN LANE REMOVE BEGIN LEFT TURN LANE R3-20L 24"X36" NEW

04-62 WRONG WAY R5-1A 36"X24" REMOVE & REPLACE

04-63 WRONG WAY R5-1A 36"X24" REMOVE & REPLACE

925VG 925SB 925NB 925VK 35VS 35VN 40VS 40VN 30VS 30VN 920NB 920VK CTH VV USH 151

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON POST(S)
- NEW SIGN ON STEEL SUPPORT
- 00-00 DENOTES SIGN NUMBER
- ESTR EXISTING SIGN TO REMAIN

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	PERMANENT SIGNING	SHEET 74	E

2

N

NOTE
EXISTING SIGNS NOT SHOWN ARE TO REMAIN IN PLACE.

LEGEND
- EXISTING SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON POST(S)
- NEW SIGN ON STEEL SUPPORT
- 00-00 DENOTES SIGN NUMBER
- ESTR EXISTING SIGN TO REMAIN

REMOVE & REPLACE IN NEW LOCATION
NORTH 73
J3-1 24"X57"
15-01

REMOVE & REPLACE
W12-1D 24"X24"
15-04

REMOVE & REPLACE
STOP
R1-1 36"X36"
15-02

REMOVE
STOP
15-03
15-08

R6-1R 36"X12"
ONE WAY
15-05
15-06
STOP
R1-1 36"X36"
15-07
DIVIDED HIGHWAY
R6-3A 30"X24"

15-10
PEDESTRIANS BICYCLES NON MOTORIZED TRAFFIC MOTOR BICYCLES PROHIBITED
R5-57 36"X36"
REMOVE & REPLACE

SOUTH BUSINESS 73 151
15-09
J3-2 48"X57"
REMOVE & REPLACE IN NEW LOCATION

90K
95KK
95K
100KK
100K
155SAB
155SSB
155SKI
SIGN
INL
POST

REMOVE & REPLACE
PEDESTRIANS BICYCLES NON MOTORIZED TRAFFIC MOTOR BICYCLES PROHIBITED
R5-57 36"X36"
15-11
155SKO

REMOVE & REPLACE IN NEW LOCATION
NORTH 73
J3-1 24"X57"
15-12

NOTE
EXISTING SIGNS NOT SHOWN ARE TO REMAIN IN PLACE.

N

105KK
105K
110KK
110K
STH 73
155SAB
100KK
100K
SIGN
INL
SSPC

15-13
STOP
REMOVE SIGN ONLY

15-14
15-15
15-16
R6-1R 36"X12"
ONE WAY
STOP
R1-1 36"X36"
DIVIDED HIGHWAY
R6-3A 30"X24"
REMOVE & REPLACE

15-17
W12-1D 24"X24"
REMOVE & REPLACE

15-18
STOP
R1-1 36"X36"
REMOVE & REPLACE

15-19
SOUTH 73
J3-1 24"X57"
REMOVE & REPLACE

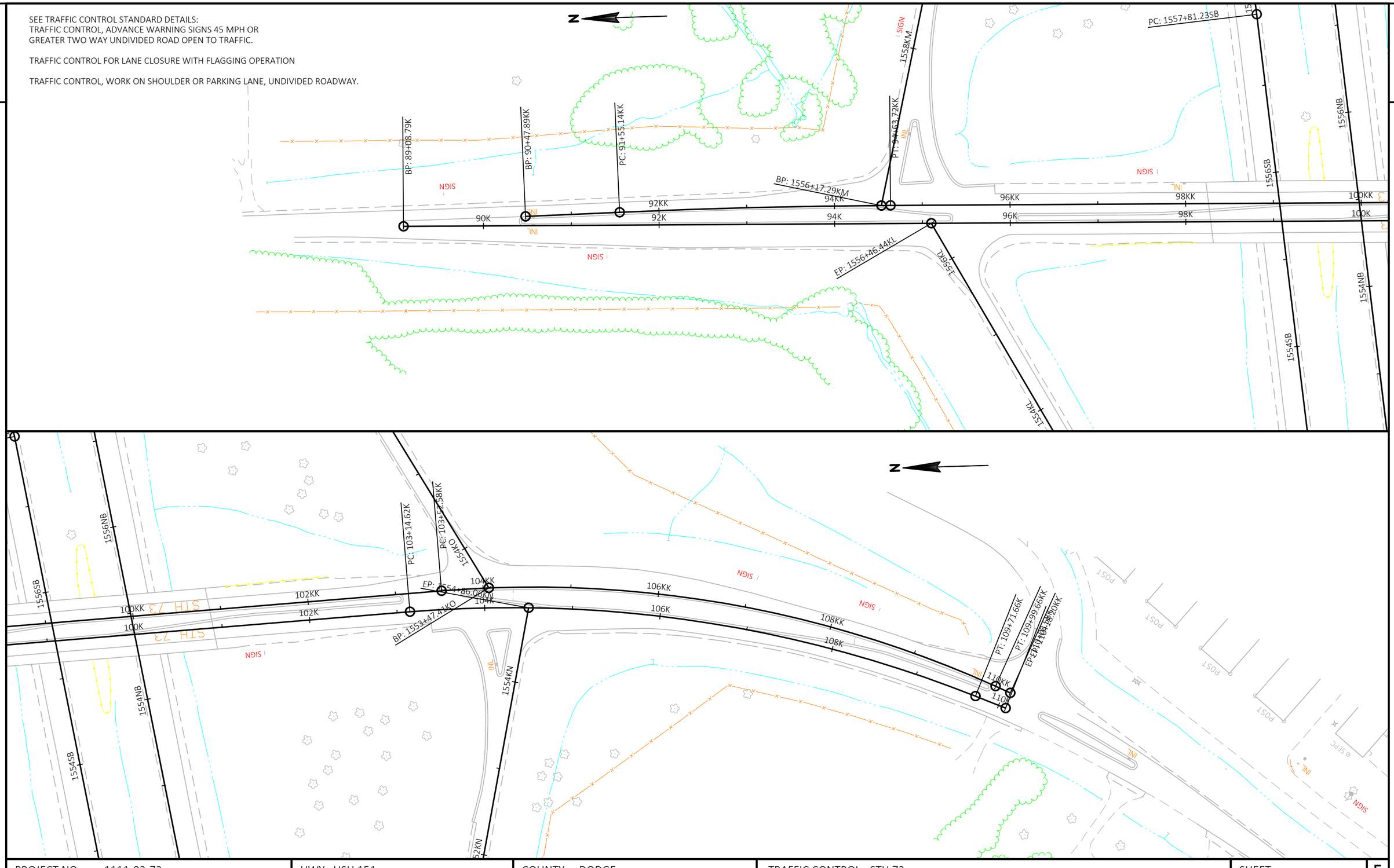
PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DODGE	PERMANENT SIGNING	SHEET 75	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\023202_PS.DWG
LAYOUT NAME - 15
PLOT DATE : 4/27/2018 9:12 AM
PLOT BY : JOHNSON, JOHN R
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

SEE TRAFFIC CONTROL STANDARD DETAILS:
TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 MPH OR
GREATER TWO WAY UNDIVIDED ROAD OPEN TO TRAFFIC.

TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION

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



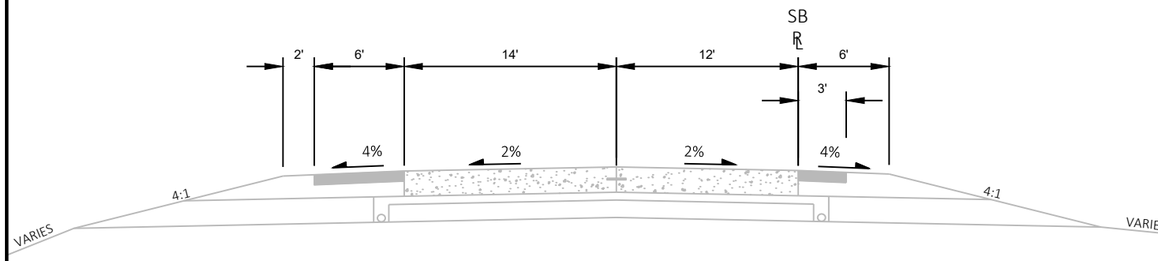
PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DODGE	TRAFFIC CONTROL - STH 73	SHEET 76	E

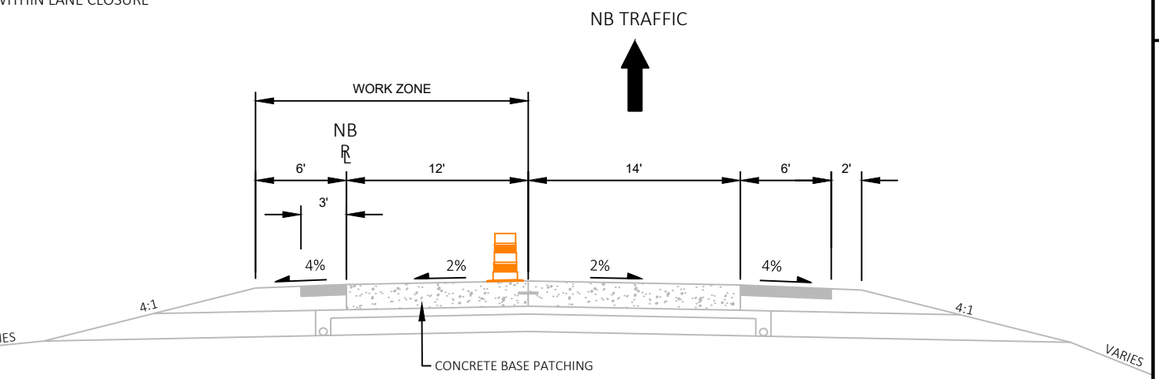
FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\025001_TC.DWG
LAYOUT NAME - 1

PLOT DATE : 4/10/2018 8:48 AM PLOT BY : JOHNSON, JOHN R PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

SEE TRAFFIC CONTROL STANDARD DETAILS:
TRAFFIC CONTROL, LANE CLOSURE
TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION
TRAFFIC CONTROL, PARALLEL ENTRANCE RAMP WITHIN LANE CLOSURE
TRAFFIC CONTROL, ENTRANCE RAMP WITHIN LANE CLOSURE
TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE
TRAFFIC CONTROL, PARALLEL EXIT RAMP WITHIN LANE CLOSURE
TRAFFIC CONTROL, EXIT RAMP CLOSURE



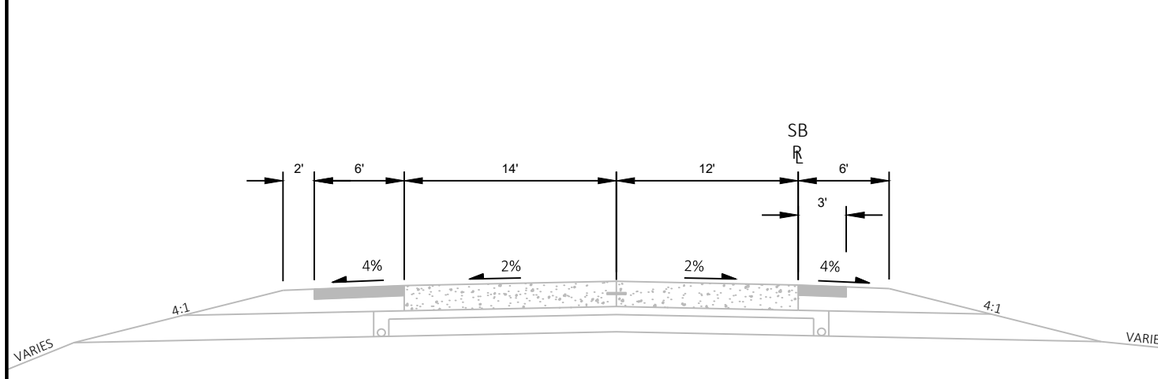


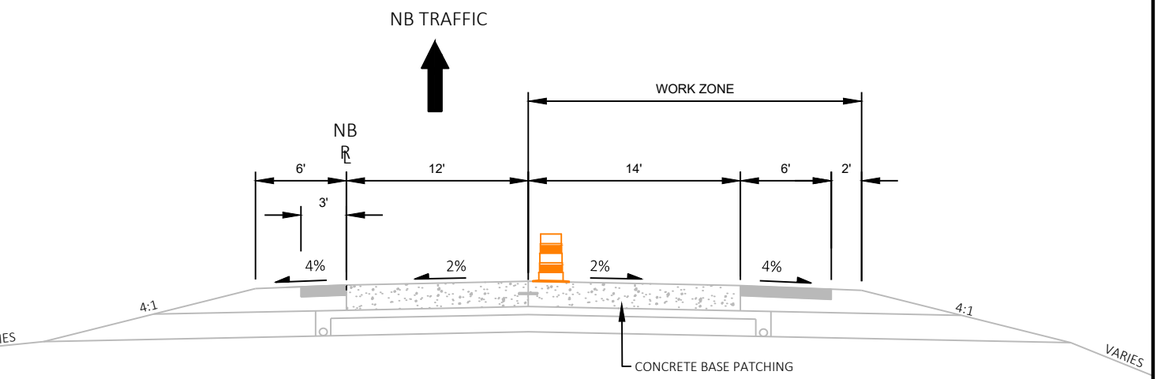
STAGE 1A

MAINLINE
BASE PATCHING CONCRETE AND/OR
CONCRETE JOINT AND CRACK CLEANING
OF USH 151 NB LANES

NORTHBOUND

CONTRACTOR ALLOWED TO WORK ON NB & SB CONCURRENTLY.
SEE SPECIAL PROVISIONS FOR LANE CLOSURE RESTRICTIONS.



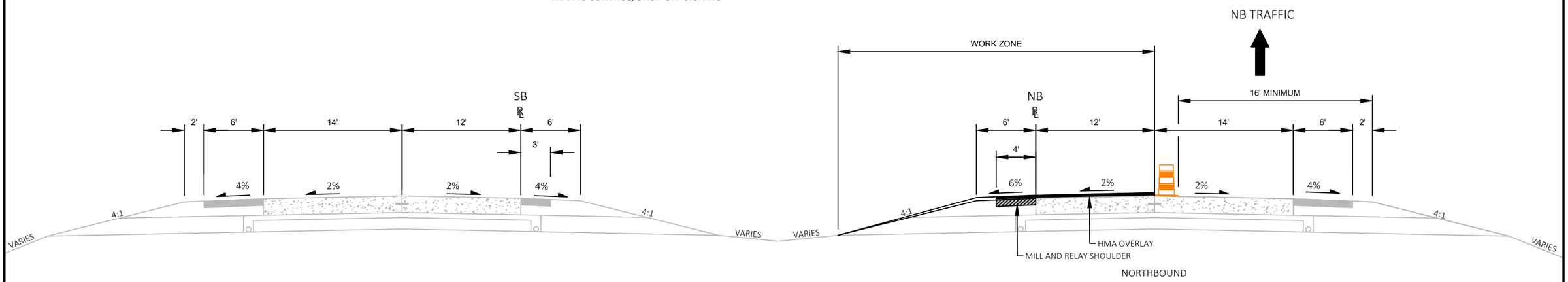


STAGE 1B

MAINLINE
BASE PATCHING CONCRETE AND/OR
CONCRETE JOINT AND CRACK CLEANING
OF USH 151 NB LANES

NORTHBOUND

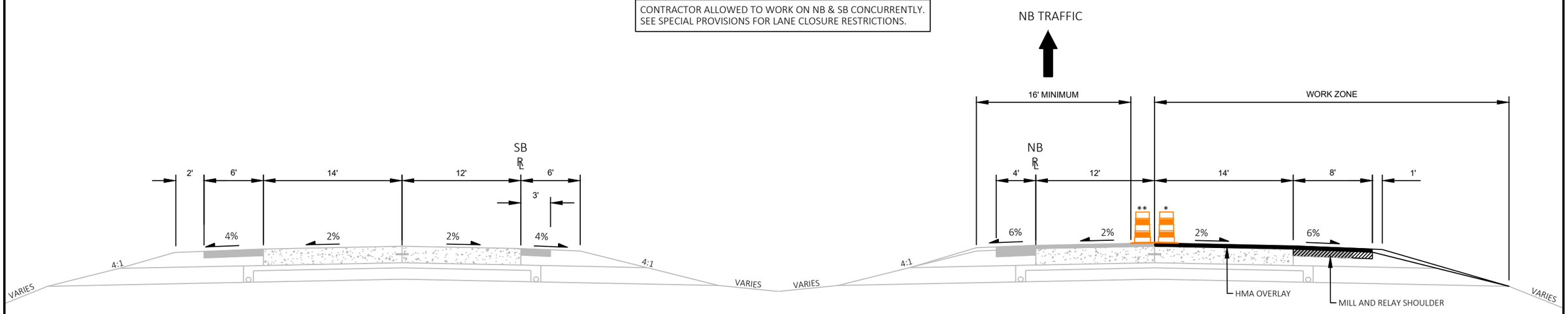
SEE TRAFFIC CONTROL STANDARD DETAILS:
TRAFFIC CONTROL, LANE CLOSURE
TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION
TRAFFIC CONTROL, PARALLEL ENTRANCE RAMP WITHIN LANE CLOSURE
TRAFFIC CONTROL, ENTRANCE RAMP WITHIN LANE CLOSURE
TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE
TRAFFIC CONTROL, PARALLEL EXIT RAMP WITHIN LANE CLOSURE
TRAFFIC CONTROL, EXIT RAMP CLOSURE
TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 MPH
TRAFFIC CONTROL, DROP OFF SIGNING



STAGE 2A, 3A

MAINLINE
HMA OVERLAY OF USH 151 NB LANE

CONTRACTOR ALLOWED TO WORK ON NB & SB CONCURRENTLY.
SEE SPECIAL PROVISIONS FOR LANE CLOSURE RESTRICTIONS.



STAGE 2B, 3B

MAINLINE
HMA OVERLAY OF USH 151 NB LANE

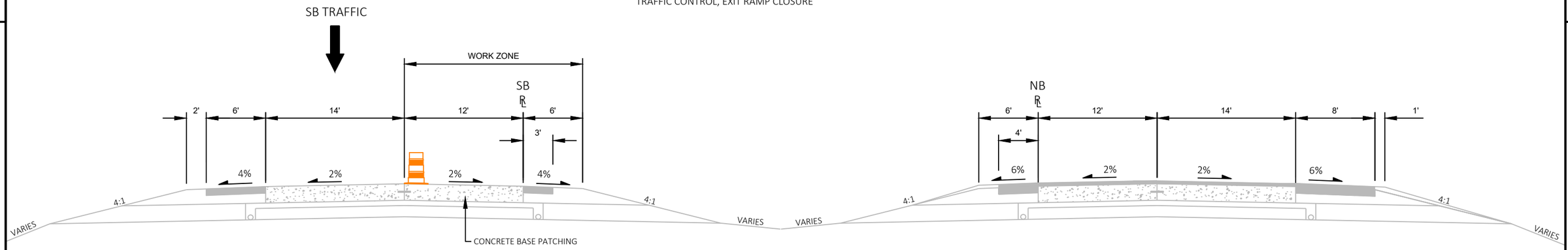
* NORMAL DRUM AND LANE LOCATION DURING NON-WORKING HOURS AND DESIGNATED WORKING HOURS IMMEDIATELY PRECEDING AND IMMEDIATELY AFTER CONSTRUCTION OPERATION HAS PASSED.

** TEMPORARY DRUM AND LANE LOCATION DURING WORKING HOURS ONLY. DRUM SHALL BE MOVED AND RETURNED TO NORMAL POSITION IMMEDIATELY PRECEDING AND IMMEDIATELY AFTER CONSTRUCTION OPERATION HAS PASSED. TRAFFIC EXPECTED TO SHIFT ONTO SHOULDER TO BYPASS CONSTRUCTION OPERATIONS.

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE, COLUMBIA & DODGE	CONSTRUCTION STAGING - TYPICALS	SHEET 78	E

2

SEE TRAFFIC CONTROL STANDARD DETAILS:
TRAFFIC CONTROL, LANE CLOSURE
TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION
TRAFFIC CONTROL, PARALLEL ENTRANCE RAMP WITHIN LANE CLOSURE
TRAFFIC CONTROL, ENTRANCE RAMP WITHIN LANE CLOSURE
TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE
TRAFFIC CONTROL, PARALLEL EXIT RAMP WITHIN LANE CLOSURE
TRAFFIC CONTROL, EXIT RAMP CLOSURE



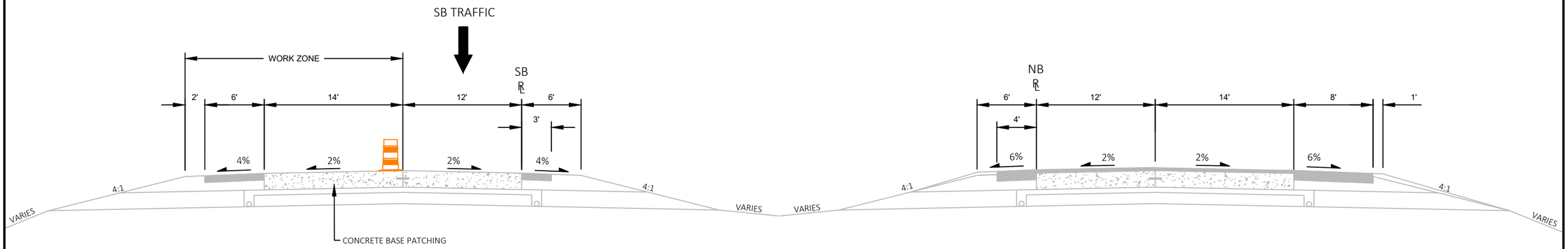
SOUTHBOUND RIGHT LANE

NORTHBOUND

STAGE 4A

MAINLINE
BASE PATCHING CONCRETE AND/OR
CONCRETE JOINT AND CRACK CLEANING
OF USH 151 SB LANES

CONTRACTOR ALLOWED TO WORK ON NB & SB CONCURRENTLY.
SEE SPECIAL PROVISIONS FOR LANE CLOSURE RESTRICTIONS.



SOUTHBOUND LEFT LANE

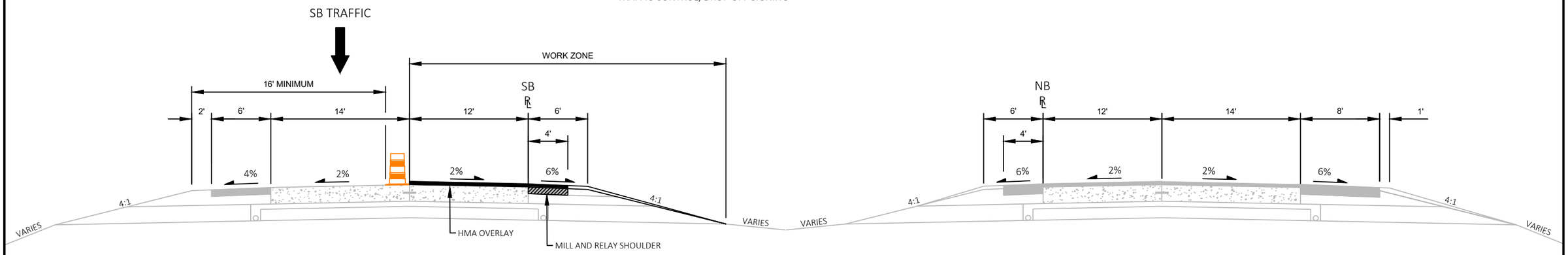
NORTHBOUND

STAGE 4B

MAINLINE
BASE PATCHING CONCRETE AND/OR
CONCRETE JOINT AND CRACK CLEANING
OF USH 151 SB LANES

2

SEE TRAFFIC CONTROL STANDARD DETAILS:
TRAFFIC CONTROL, LANE CLOSURE
TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION
TRAFFIC CONTROL, PARALLEL ENTRANCE RAMP WITHIN LANE CLOSURE
TRAFFIC CONTROL, ENTRANCE RAMP WITHIN LANE CLOSURE
TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE
TRAFFIC CONTROL, PARALLEL EXIT RAMP WITHIN LANE CLOSURE
TRAFFIC CONTROL, EXIT RAMP CLOSURE
TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 MPH
TRAFFIC CONTROL, DROP OFF SIGNING

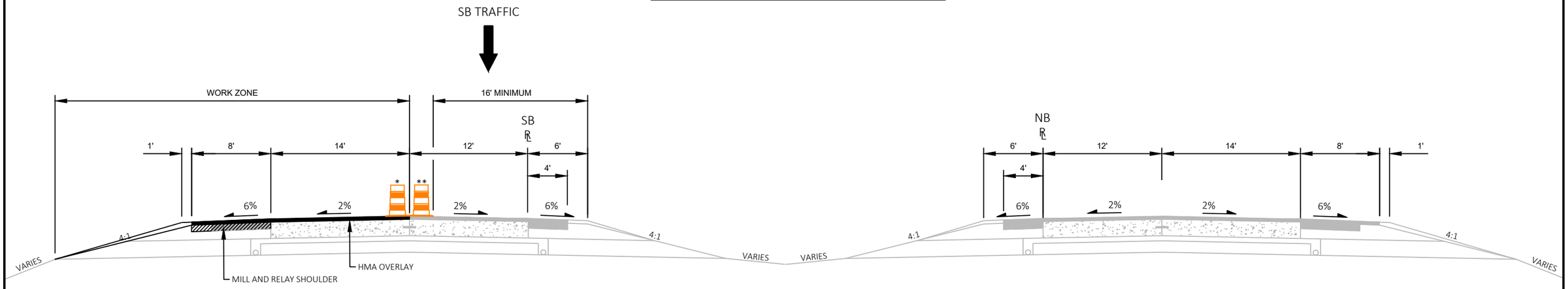


SOUTHBOUND RIGHT LANE

STAGE 5A, 6A

MAINLINE
HMA OVERLAY OF USH 151 SB LANE

CONTRACTOR ALLOWED TO WORK ON NB & SB CONCURRENTLY.
SEE SPECIAL PROVISIONS FOR LANE CLOSURE RESTRICTIONS.



SOUTHBOUND LEFT LANE

STAGE 5B, 6B

MAINLINE
HMA OVERLAY OF USH 151 SB LANE

* NORMAL DRUM AND LANE LOCATION DURING NON-WORKING HOURS AND DESIGNATED WORKING HOURS IMMEDIATELY PRECEDING AND IMMEDIATELY AFTER CONSTRUCTION OPERATION HAS PASSED.

** TEMPORARY DRUM AND LANE LOCATION DURING WORKING HOURS ONLY. DRUM SHALL BE MOVED AND RETURNED TO NORMAL POSITION IMMEDIATELY PRECEDING AND IMMEDIATELY AFTER CONSTRUCTION OPERATION HAS PASSED. TRAFFIC EXPECTED TO SHIFT ONTO SHOULDER TO BYPASS CONSTRUCTION OPERATIONS.

2

N

M4-5
24"X12"
M1-5A
24"X24"
TO
COUNTY
VV

M4-5
24"X12"
M1-5A
24"X24"
TO
COUNTY
VV

MO6-1
21"X21"

HWY VV
RAMP
CLOSED

USE
EXIT 111

PCMS

DETOUR

U.S. Highway 151

VV

East Bristol

V

151

* PREWARN ONLY

RAMP
CLOSED

BEGIN
(DATE)

VV

*
PCMS

VV

151

RAMP CLOSED

SEE SDD
"TRAFFIC CONTROL,
EXIT RAMP CLOSURE"

Vinburn Rd

Elder Ln

Vinburn Rd

Elder Ln

TWIN LANE RD

151

NOTE:
SIGNS ARE 48" X 48" UNLESS
OTHERWISE INDICATED

LEGEND

PCMS PORTABLE CHANGEABLE MESSAGE BOARD

SIGN

DETOUR ROUTE

SEE SPECIAL PROVISIONS FOR CLOSURE RESTRICTIONS

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	DETOUR SB USH 151 EXIT RAMP AT CTH VV	SHEET 81	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\027001_DT.DWG
LAYOUT NAME - 1

PLOT DATE : 5/16/2018 6:51 AM PLOT BY : JOHNSON, JOHN R PLOT NAME : PLOT SCALE : Custom

WISDOT/CADDS SHEET 42

2

N

M4-5
24"X12"
M1-5A
24"X24"
TO
COUNTY
VV

DETOUR

U.S. Highway 151

VV

East Bristol

V

M4-5
24"X12"
M1-5A
24"X24"
TO
COUNTY
VV
MO6-1
21"X21"

151

SEE SDD
"TRAFFIC CONTROL
EXIT RAMP CLOSURE"

Elder Ln

RAMP CLOSED

* PREWARN ONLY

RAMP
CLOSED

BEGIN
(DATE)

Vinburn Rd

PCMS

HWY VV
RAMP
CLOSED

USE
EXIT 111

PCMS

TWIN LANE RD

Sun Prairie R

York

NOTE:
SIGNS ARE 48" X 48" UNLESS
OTHERWISE INDICATED

LEGEND

PCMS	PORTABLE CHANGEABLE MESSAGE BOARD
	SIGN
	DETOUR ROUTE

SEE SPECIAL PROVISIONS FOR CLOSURE RESTRICTIONS

2

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	DETOUR SB USH 151 EXIT RAMP AT CTH VV	SHEET 82	E

2

2

N

VV

V

East Bristol

PCMS

HWY VV
RAMP
CLOSED

USE
HWY V
RAMP

DETOUR

U.S. Highway 151

151

* PREWARN ONLY

RAMP
CLOSED

BEGIN
(DATE)

*
PCMS

RAMP CLOSED

SEE NEXT PAGE
FOR MORE DETAILS

Vinburn Rd

Elder Ln

TWIN LANE RD

NOTE:
SIGNS ARE 48" X 48" UNLESS
OTHERWISE INDICATED

LEGEND

PCMS	PORTABLE CHANGEABLE MESSAGE BOARD
	SIGN
	DETOUR ROUTE

SEE SPECIAL PROVISIONS FOR CLOSURE RESTRICTIONS

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	DETOUR SB USH 151 ENTRANCE RAMP AT CTH VV	SHEET 83	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\027001_DT.DWG
LAYOUT NAME - 3

PLOT DATE : 5/16/2018 6:52 AM PLOT BY : JOHNSON, JOHN R PLOT NAME : PLOT SCALE : Custom

WISDOT/CADDS SHEET 42

2

LEGEND

- COVER EXISTING SIGN
- WORK ZONE
- BARRICADE W/WO SIGN
- EXISTING SIGN SINGLE/DOUBLE POST
- NEW SIGN SINGLE/DOUBLE POST
- TEMPORARY SIGN SUPPORT
- TRAFFIC CONTROL DRUM

NOTE:
SIGNS ARE 48" X 48" UNLESS OTHERWISE INDICATED

N

TWIN LANE RD

FIELD ENTRANCE

RAMP CLOSED AHEAD
W20-53A

East Bristol
Columbus

END ROAD WORK
G20-2A
48"X24"

BP: 25+44.48VS

PT: 918+46.45VJ

EP: 919+12.03VJ

BP: 25+44.48VN

BP: 918+18.53VK

PC: 919+46.27VK

RAMP CLOSED 1000 FT
W20-53C

USH 151 NORTH

920NB

922SB

922NB

920VK

26VS

28VS

30VS

32VS

INL

2

RAMP CLOSED
R11-2R
48"X30"

R3-1
24"X24"

RAMP CLOSED
R11-2R
48"X30"

924SB

CTH VV

34VS

36VS

25' TYP.

38VS

40VS

42VS

10' SPACING

PT: 928+26.35VG

EP: 928+99.76VG

PI: 40+07.84VS

EP: 43+54.65VS

SIGN

25' TYP.

926SB

926NB

928SB

928NB

USH 151

R3-2
24"X24"

BP: 927+99.68VH

PC: 928+12.56VH

PI: 40+07.96VN

EP: 43+55.11VN

930VH

PT: 929+59.42VH

ELDER LN

STOCK PILE

WALLS

500'

END ROAD WORK
G20-2A
48"X24"

RAMP CLOSED 1000 FT
W20-53C

RAMP CLOSED AHEAD
W20-53A

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	DETOUR SB USH 151 ENTRANCE RAMP CLOSURE AT CTH VV	SHEET 84	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\027001_DT.DWG
LAYOUT NAME - 4

PLOT DATE : 5/16/2018 6:52 AM PLOT BY : JOHNSON, JOHN R PLOT NAME : PLOT SCALE : 1 IN:100 FT

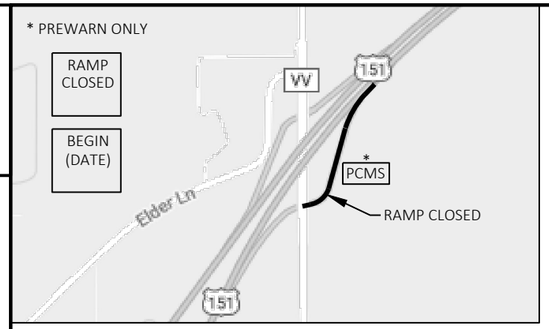
WISDOT/CADDS SHEET 44

2

* PREWARN ONLY

RAMP CLOSED

BEGIN (DATE)



LEGEND

- COVER EXISTING SIGN
- WORK ZONE
- BARRICADE W/WO SIGN
- EXISTING SIGN SINGLE/DOUBLE POST
- NEW SIGN SINGLE/DOUBLE POST
- TEMPORARY SIGN SUPPORT
- TRAFFIC CONTROL DRUM

N

END ROAD WORK
G20-2A
48"X24"

TWIN LANE RD

FIELD ENTRANCE

RAMP CLOSED AHEAD
W20-53A

RAMP CLOSED 500 FT
W20-53D

East Bristol
Sun Prairie

R3-1
24"X24"

BP: 25+44.48VS

BP: 25+44.48VN

918VJ

PT: 918+46.45VJ

R3-2
24"X24"

INL

25' TYP.

EP: 919+12.03VJ

26VS

28VS

30VS

32VS

BP: 918+18.53VK

10' SPACING

PC: 919+46.27VK

RAMP CLOSED
R11-2R
48"X30"

NOTE:
SIGNS ARE 48" X 48" UNLESS OTHERWISE INDICATED

920NB

USH 151

922SB

922NB

SOUTH 151

Sun Prairie

RAMP CLOSED 1000 FT
W20-53C

924SB

928VG

PT: 928+26.35VG

PI: 40+07.84VS

SIGN

EP: 43+54.65VS

ELDER LANE

STOCK PILE

WALLS

SIGN

CTH VV

34VS

36VS

38VS

EP: 928+99.76VG

40VS

42VS

INL

BP: 927+99.68VH

PC: 928+12.56VH

PI: 40+07.96VN

EP: 43+55.11VN

926NB

928SB

930VH

PT: 929+59.42VH

928NB

END ROAD WORK
G20-2A
48"X24"

RAMP CLOSED AHEAD
W20-53A

2

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	DETOUR NB USH 151 ENTRANCE RAMP CLOSURE AT CTH VV	SHEET 85	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\027001_DT.DWG
LAYOUT NAME - 5

PLOT DATE : 5/16/2018 6:53 AM PLOT BY : JOHNSON, JOHN R PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

2

N

LEGEND

PCMS	PORTABLE CHANGEABLE MESSAGE BOARD
	SIGN
● ● ●	DETOUR ROUTE

SEE SPECIAL PROVISIONS FOR CLOSURE RESTRICTIONS

NOTE:
SIGNS ARE 48" X 48" UNLESS OTHERWISE INDICATED

US 151 TRAFFIC

FOLLOW HWY V

PCMS

ROAD CLOSED AHEAD W20-3A

ROAD CLOSED 1000 FT W20-3C

ROAD CLOSED 500 FT W20-3D

ROAD CLOSED 1000 FT W20-3C

SEE NEXT PAGE

ROAD CLOSED 3/4 MILES AHEAD LOCAL TRAFFIC ONLY R11-3 60"X30"

GREENWAY RD

TWIN LANE RD

ROAD CLOSED 1 1/2 MILES AHEAD LOCAL TRAFFIC ONLY R11-3 60"X30"

ROAD CLOSED AHEAD W20-3A

Bakers Corners

East Bristol

York Center

Deansville State Wildlife Area

DM

C

V

VV

N

151

89

73

TT

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	DETOUR CTH VV/TWIN LANE RD CLOSURE	SHEET 86	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\027001_DT.DWG
LAYOUT NAME - 6a

PLOT DATE : 5/16/2018 6:53 AM PLOT BY : JOHNSON, JOHN R PLOT NAME : PLOT SCALE : Custom

2

LEGEND

- COVER EXISTING SIGN
- WORK ZONE
- BARRICADE W/WO SIGN
- EXISTING SIGN SINGLE/DOUBLE POST
- NEW SIGN SINGLE/DOUBLE POST
- TEMPORARY SIGN SUPPORT
- TRAFFIC CONTROL DRUM

NOTE:
SIGNS ARE 48" X 48" UNLESS OTHERWISE INDICATED

N

SEE NB USH 151 TO CTH VV EXIT RAMP CLOSURE

TWIN LANE RD

FIELD ENTRANCE

* PCMS

* PREWARN ONLY

ROAD CLOSED

BEGIN (DATE)

ROAD CLOSED
R11-2
48"X30"

USH 151

920NB

922SB

922NB

918VJ

PT: 918+46.45VJ

BP: 25+44.48VS

INL

26VS

EP: 919+12.03VJ

28VS

30VS

32VS

BP: 918+18.53VK

BP: 25+44.48VN

PC: 919+46.27VK

920VK

* PREWARN ONLY

ROAD CLOSED

BEGIN (DATE)

928VG

PT: 928+26.35VG

PI: 40+07.84VS

SIGN

EP: 43+54.65VS

ELDER LANE

STOCK PILE

WALLS

ROAD CLOSED
R11-2
48"X30"

924SB

CTH VV

34VS

36VS

38VS

EP: 928+99.76VG

40VS

42VS

928VH

INL

CTH VV

926NB

USH 151

928SB

BP: 927+99.68VH

PC: 928+12.56VH

PI: 40+07.96VN

EP: 43+55.11VN

SEE SB USH 151 TO CTH VV EXIT RAMP CLOSURE

930VH

PT: 929+59.42VH

928NB

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	DETOUR CTH VV/TWIN LANE ROAD CLOSURE	SHEET 87	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\027001_DT.DWG
LAYOUT NAME - 6b

PLOT DATE : 5/16/2018 6:53 AM PLOT BY : JOHNSON, JOHN R PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

N

Columbus Wetland State Public Hunting Ground

D9-2 24"X24" MB6-1 21"X21"

D9-2 36"X36" MB6-2 30"X30"

D9-2 36"X36" MB5-2R 30"X30"

PCMS

EXIT 115 CLOSED

USE EXIT 120

U.S. Highway 151

73

60

151

W James St

DETOUR

Columbus

Dix St

Columbus City Firemans Park

Farnham St

89

MAINTAIN CLEARLY DELINEATED TEMPORARY ACCESS ON STH 73 SOUTH INTERCHANGE RAMPS FOR EMERGENCY VEHICLES TO USE AT ALL TIMES.
SEE SPECIAL PROVISIONS FOR DETAILS.

* PREWARN ONLY

RAMP CLOSED

BEGIN (DATE)

SEE SDD TRAFFIC CONTROL, EXIT RAMP CLOSURE

* PCMS

RAMP CLOSED

USH 151 SB EXIT RAMP AT STH 73 SOUTH INTERCHANGE - CLOSED

Duffy Rd

N

Columbus Wetland State Public Hunting Ground

D9-2 24"X24" MB6-1 21"X21"

D9-2 36"X36" MB6-2 30"X30"

D9-2 36"X36" MB5-2R 30"X30"

73

60

151

W James St

Columbus

Dix St

U.S. Highway 151

Columbus City Firemans Park

Farnham St

89

SEE SDD TRAFFIC CONTROL, EXIT RAMP CLOSURE

RAMP CLOSED

* PCMS

RAMP CLOSED

BEGIN (DATE)

EXIT 115 CLOSED

USE EXIT 120

PCMS

USH 151 NB EXIT RAMP AT STH 73 SOUTH INTERCHANGE - CLOSED

NOTE:
SIGNS ARE 48" X 48" UNLESS OTHERWISE INDICATED

LEGEND

PCMS	PORTABLE CHANGEABLE MESSAGE BOARD
	SIGN
	DETOUR ROUTE

SEE SPECIAL PROVISIONS FOR CLOSURE RESTRICTIONS

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	DETOUR - USH 151 EXIT RAMPS AT STH 73 SOUTH INTERCHANGE	SHEET 88	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\027002_DT.DWG
LAYOUT NAME - 6

PLOT DATE : 5/16/2018 6:58 AM PLOT BY : JOHNSON, JOHN R PLOT NAME : PLOT SCALE : Custom

WISDOT/CADDS SHEET 44

2

2

MAINTAIN CLEARLY DELINEATED TEMPORARY ACCESS ON STH 73 SOUTH INTERCHANGE RAMPS FOR EMERGENCY VEHICLES TO USE AT ALL TIMES.
SEE SPECIAL PROVISIONS FOR DETAILS.



NOTE:
SIGNS ARE 48" X 48" UNLESS OTHERWISE INDICATED

LEGEND

PCMS	PORTABLE CHANGEABLE MESSAGE BOARD
	SIGN
	DETOUR ROUTE

SEE SPECIAL PROVISIONS FOR CLOSURE RESTRICTIONS

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	DETOUR - USH 151 NB ENTRANCE RAMP AT STH 73 SOUTH INTERCHANGE	SHEET 89	E

2

2

END ROAD WORK
G20-2A
48"X24"

PC: 1316+85.07DF

1318DF

1316DF

BP: 1315+66.58DF

STH 73

INL

SIGN

PCMS

NORTH
US 151
TRAFFIC

STAY
ON
HWY 73

RAMP CLOSED AHEAD
W20-53A

RAMP CLOSED
1500 FT
W20-53B

SOUTH
151
KEEP
RIGHT

EP: 1316+99.06DJ

MH

1316DJ

1318SB

1318NB

USH 151

1324NB

1325SB

1322NB

RAMP CLOSED
R11-2R
48"X30"

1326DL

SOUTH
Madison

R3-1
24"X24"

SOUTH
151
KEEP
LEFT

RAMP CLOSED
500 FT
W20-53D

RAMP CLOSED AHEAD
W20-53A

BP: 1323+94.86DL

1324DL

10' SPACING

25'
TYP.

R3-2
24"X24"

EP: 1325+08.29DK

PT: 1324+44.00DK

1324DK

PC: 1323+56.76DK

PT: 1323+29.68DK

1322DK

RAMP CLOSED
R11-2R
48"X30"

END ROAD WORK
G20-2A
48"X24"

NOTE:
SIGNS ARE 48" X 48" UNLESS OTHERWISE INDICATED

LEGEND

- COVER EXISTING SIGN
- WORK ZONE
- BARRICADE W/WO SIGN
- EXISTING SIGN SINGLE/DOUBLE POST
- NEW SIGN SINGLE/DOUBLE POST
- TEMPORARY SIGN SUPPORT
- TRAFFIC CONTROL DRUM

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	DETOUR NB USH 151 ENRANCE RAMP CLOSURE AT STH 73 SOUTH INTERCHANGE	SHEET 90	E

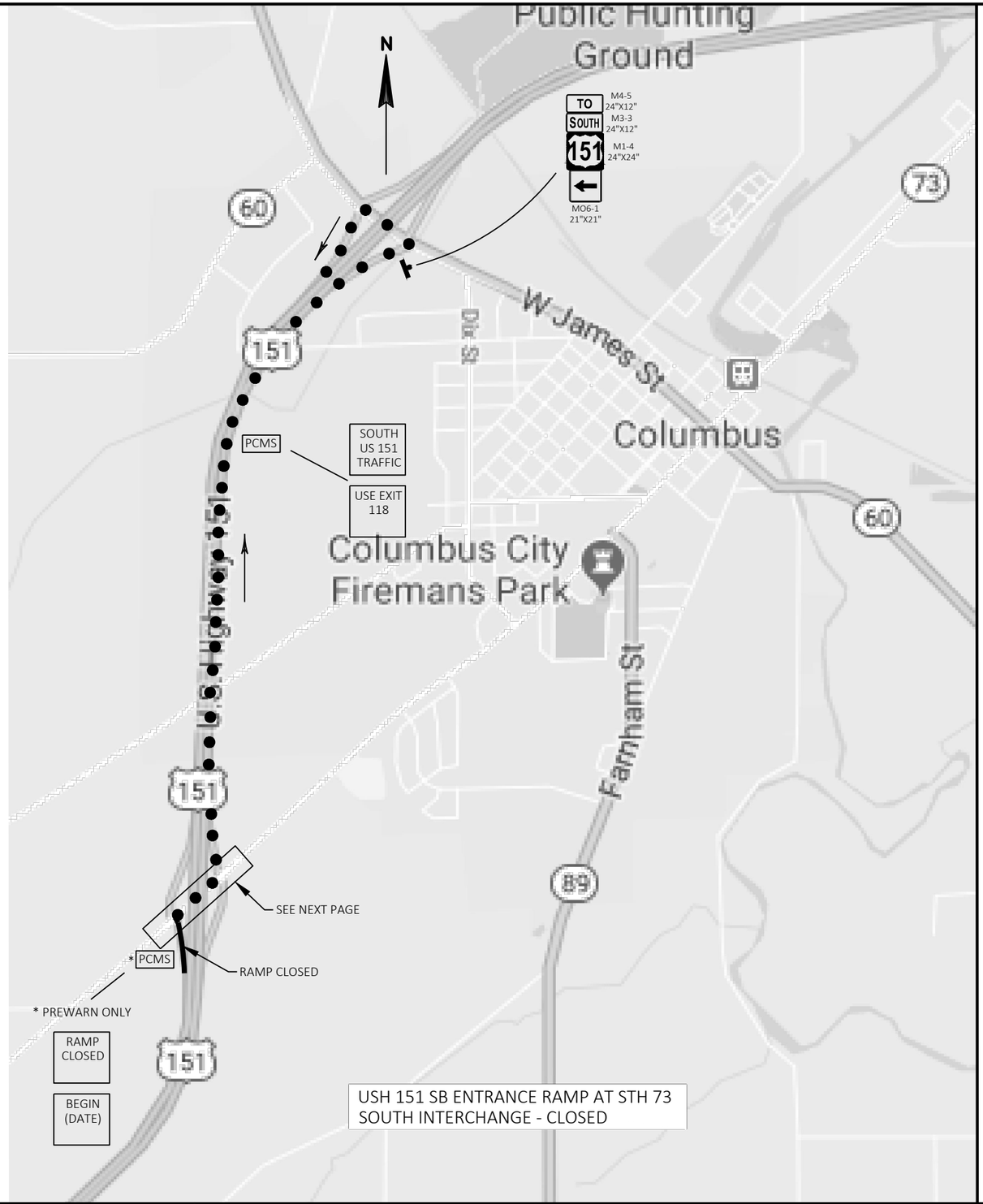
FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\027002_DT.DWG
LAYOUT NAME - 8

PLOT DATE : 5/16/2018 6:58 AM PLOT BY : JOHNSON, JOHN R PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

MAINTAIN CLEARLY DELINEATED TEMPORARY ACCESS ON STH 73 SOUTH INTERCHANGE RAMPS FOR EMERGENCY VEHICLES TO USE AT ALL TIMES.
SEE SPECIAL PROVISIONS FOR DETAILS.



USH 151 SB ENTRANCE RAMP AT STH 73 SOUTH INTERCHANGE - CLOSED

NOTE:
SIGNS ARE 48" X 48" UNLESS OTHERWISE INDICATED

LEGEND

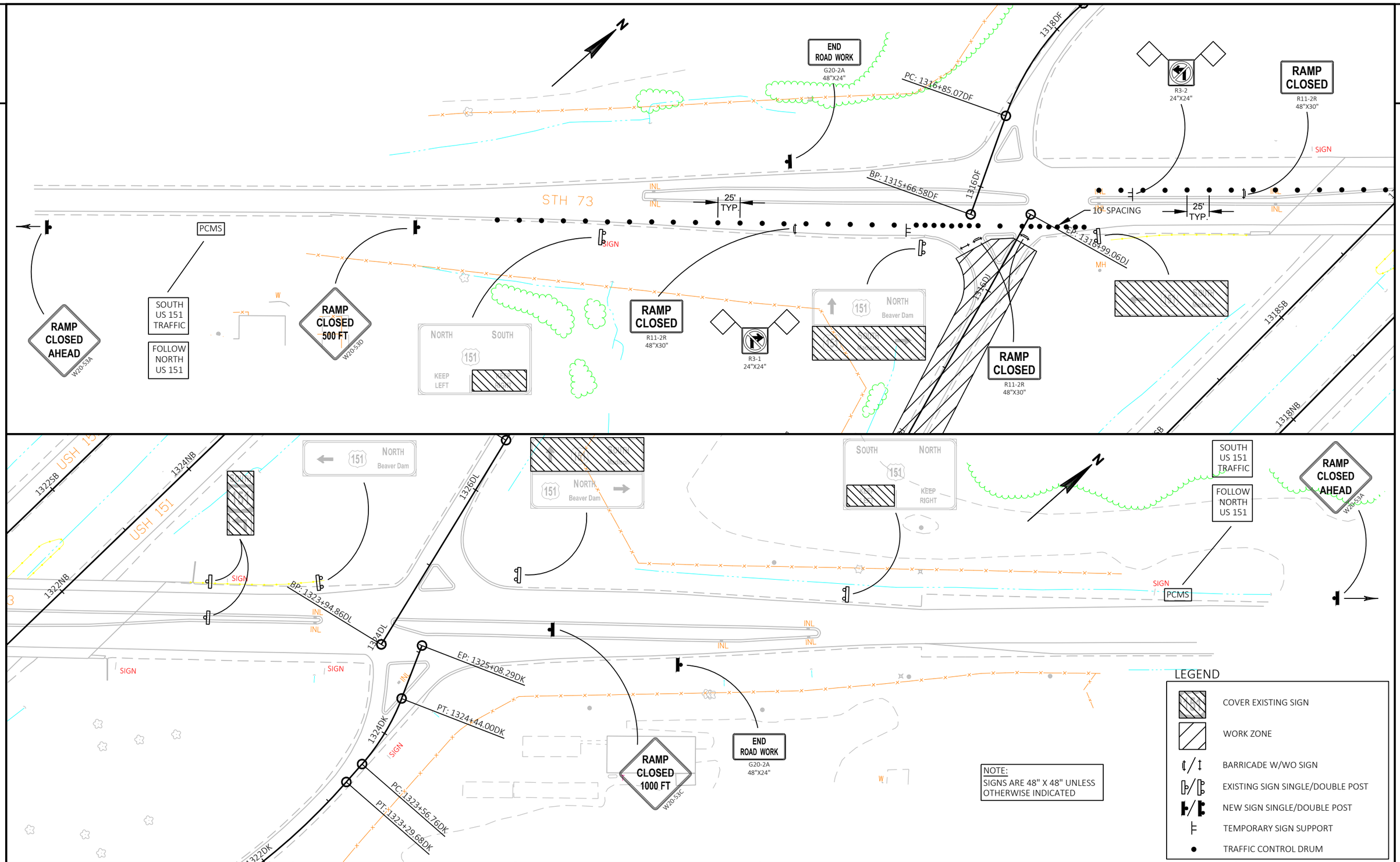
PCMS	PORTABLE CHANGEABLE MESSAGE BOARD
	SIGN
	DETOUR ROUTE

SEE SPECIAL PROVISIONS FOR CLOSURE RESTRICTIONS

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	DETOUR - USH 151 SB ENTRANCE RAMP AT STH 73 SOUTH INTERCHANGE	SHEET 91	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\027002_DT.DWG
LAYOUT NAME - 9
PLOT DATE : 5/16/2018 6:58 AM PLOT BY : JOHNSON, JOHN R PLOT NAME : PLOT SCALE : ######
WISDOT/CADDS SHEET 44

2



PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	DETOUR USH 151 SB ENTRANCE RAMP AT STH 73 SOUTH INTERCHANGE	SHEET 92	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\027002_DT.DWG
LAYOUT NAME - 10
PLOT DATE : 5/16/2018 6:59 AM
PLOT BY : JOHNSON, JOHN R
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

2

N

* PREWARN ONLY

RAMP CLOSED

BEGIN (DATE)

SEE SDD TRAFFIC CONTROL, EXIT RAMP CLOSURE

RAMP CLOSED

* PCMS

PCMS

EXIT 118 CLOSED

USE EXIT 115

Wetland State Public Hunting Ground

W James St

Columbus

Columbus City Firemans Park

Farnham St

Dr St

60

151

89

U.S. Highway 151

M4-5 36"X18"
M1-6 36"X36"
M1-6 36"X36"
TO 16 60
MO6-2 30"X30"

M4-5 24"X12"
M1-6 24"X24"
M1-6 24"X24"
TO 16 60
MO6-1 21"X21"

USH 151 SB EXIT RAMP AT STH 16
GJ LINE - CLOSED

N

NOTE:
SIGNS ARE 48" X 48" UNLESS OTHERWISE INDICATED

LEGEND

PCMS	PORTABLE CHANGEABLE MESSAGE BOARD
	SIGN
	DETOUR ROUTE

SEE SPECIAL PROVISIONS FOR CLOSURE RESTRICTIONS

Columbus Wetland State Public Hunting Ground

SEE SDD TRAFFIC CONTROL, EXIT RAMP CLOSURE

* PCMS

RAMP CLOSED

* PREWARN ONLY

RAMP CLOSED

BEGIN (DATE)

W James St

Dr St

Columbus

Columbus City Firemans Park

U.S. Highway 151

PCMS

EXIT 118 CLOSED

USE EXIT 120

60

151

73

M4-5 36"X18"
M1-6 36"X36"
M1-6 36"X36"
TO 16 60
MO6-2 30"X30"

M4-5 24"X12"
M1-6 24"X24"
M1-6 24"X24"
TO 16 60
MO6-1 21"X21"

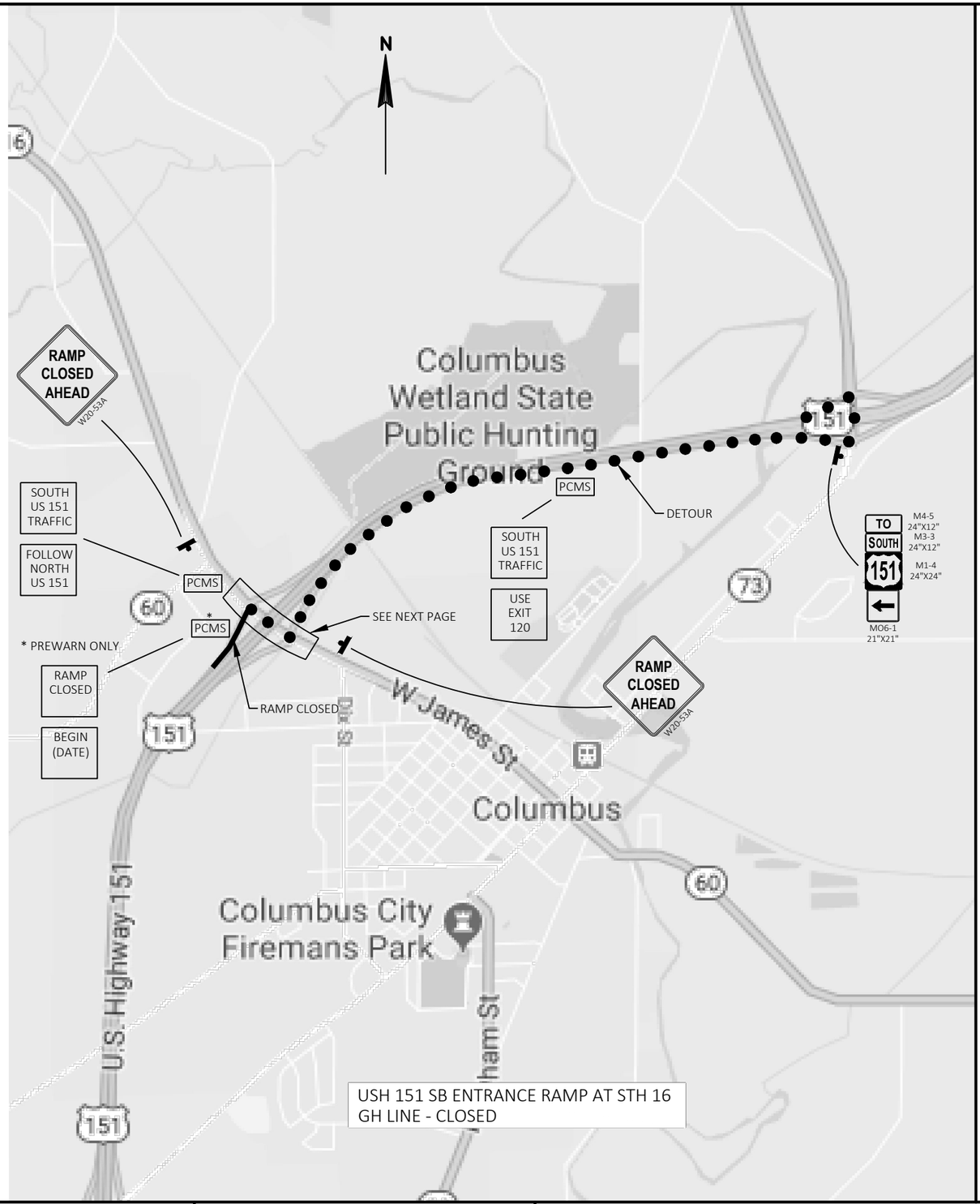
USH 151 NB EXIT RAMP AT STH 16
GK LINE - CLOSED

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	DETOUR - USH 151 EXIT RAMPS AT STH 16	SHEET 93	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\027002_DT.DWG
LAYOUT NAME - 11

PLOT DATE : 5/16/2018 6:59 AM PLOT BY : JOHNSON, JOHN R PLOT NAME : PLOT SCALE : Custom

2



NOTE:
SIGNS ARE 48" X 48" UNLESS OTHERWISE INDICATED

LEGEND

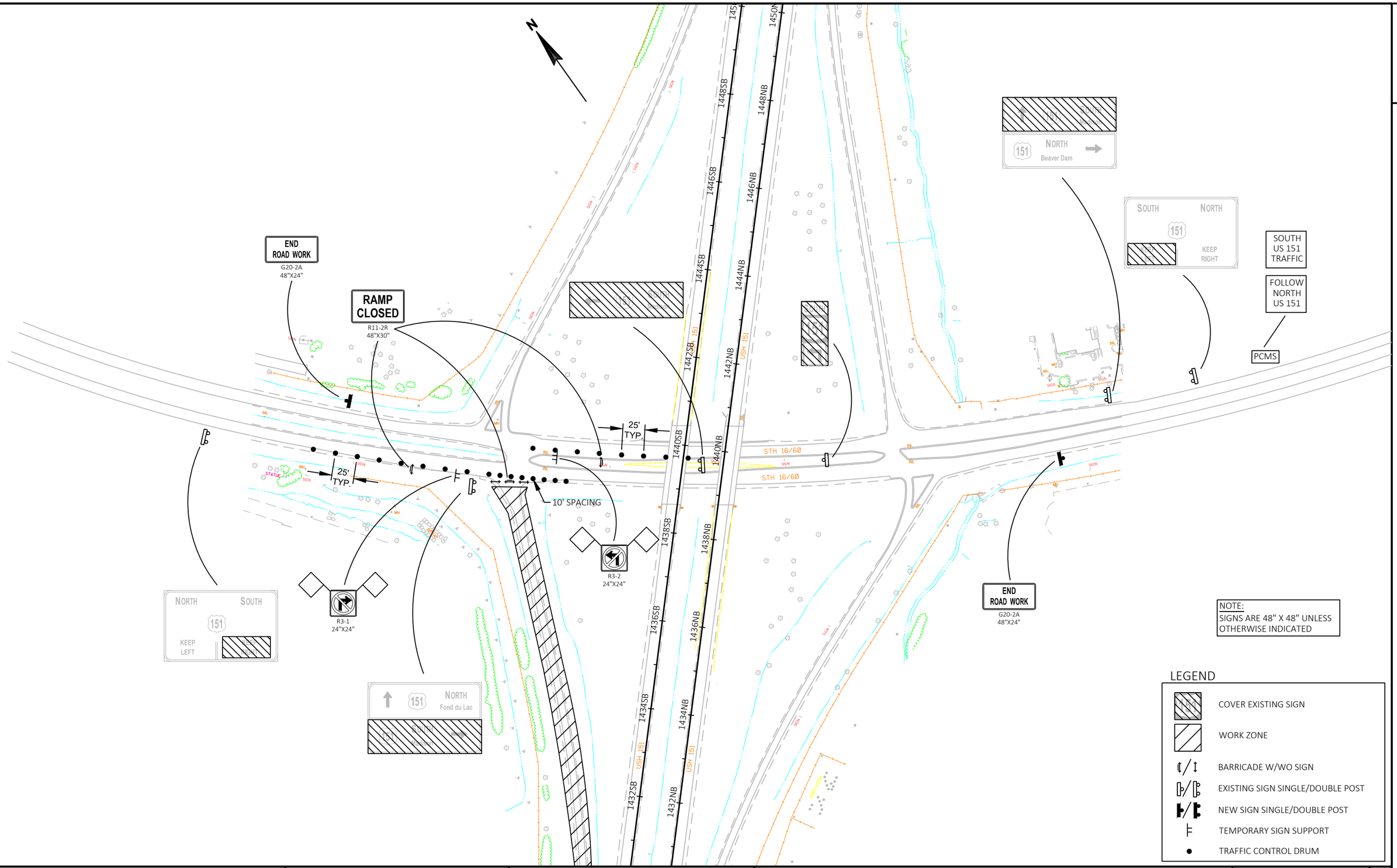
PCMS	PORTABLE CHANGEABLE MESSAGE BOARD
	SIGN
● ● ●	DETOUR ROUTE

SEE SPECIAL PROVISIONS FOR CLOSURE RESTRICTIONS

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	DETOUR - USH 151 SB ENTRANCE RAMP AT STH 16	SHEET 94	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\027002_DT.DWG
LAYOUT NAME - 12
PLOT DATE : 5/16/2018 6:59 AM
PLOT BY : JOHNSON, JOHN R
PLOT NAME :
PLOT SCALE : ######
WISDOT/CADDS SHEET 44

2

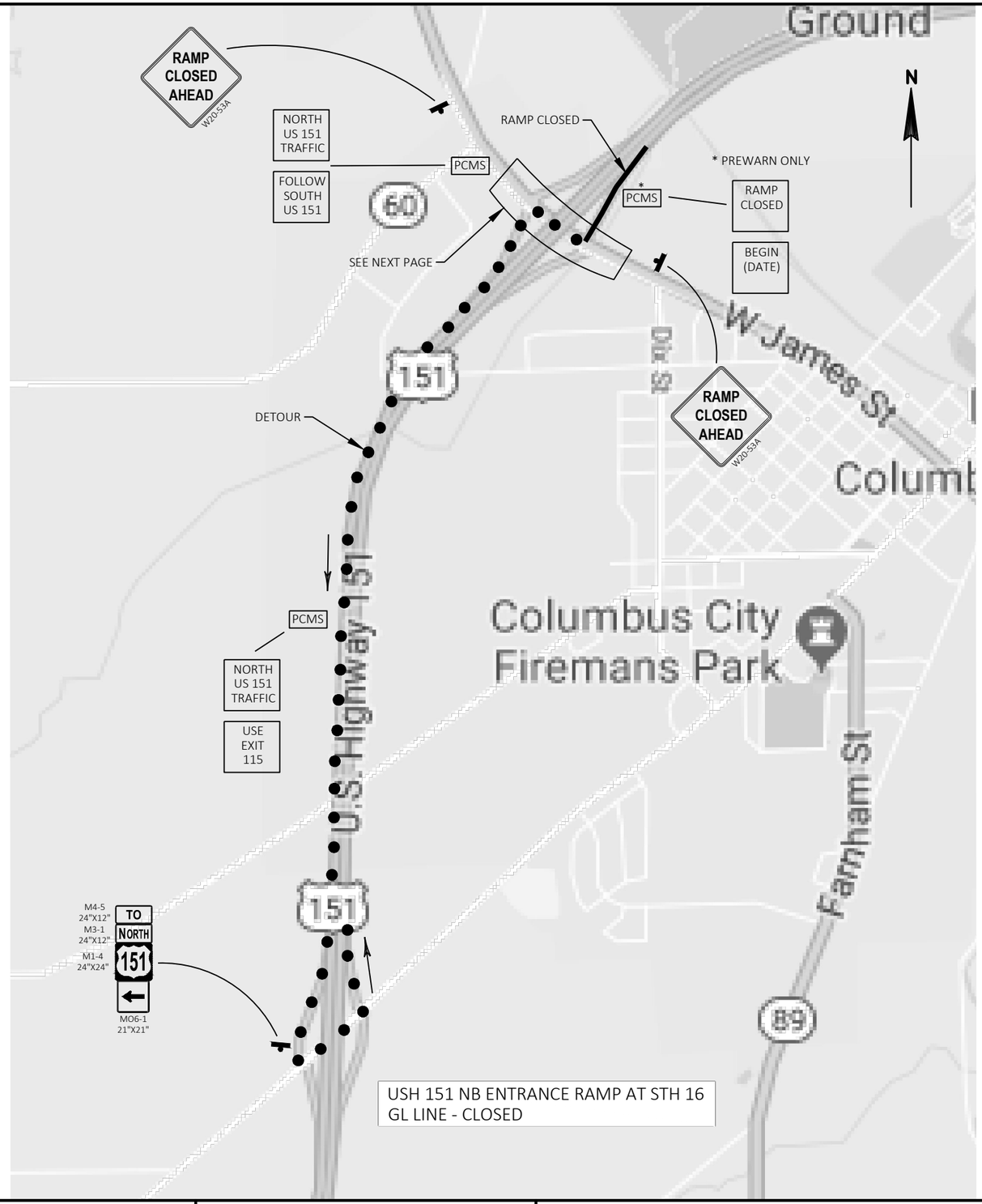


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	DETOUR SB USH 151 ENTRANCE RAMP CLOSURE AT STH 16	SHEET 95	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\027002_DT.DWG
LAYOUT NAME - 13

PLOT DATE : 5/16/2018 6:59 AM PLOT BY : JOHNSON, JOHN R PLOT NAME : PLOT SCALE : 1 IN:200 FT

2



NOTE:
SIGNS ARE 48" X 48" UNLESS OTHERWISE INDICATED

LEGEND

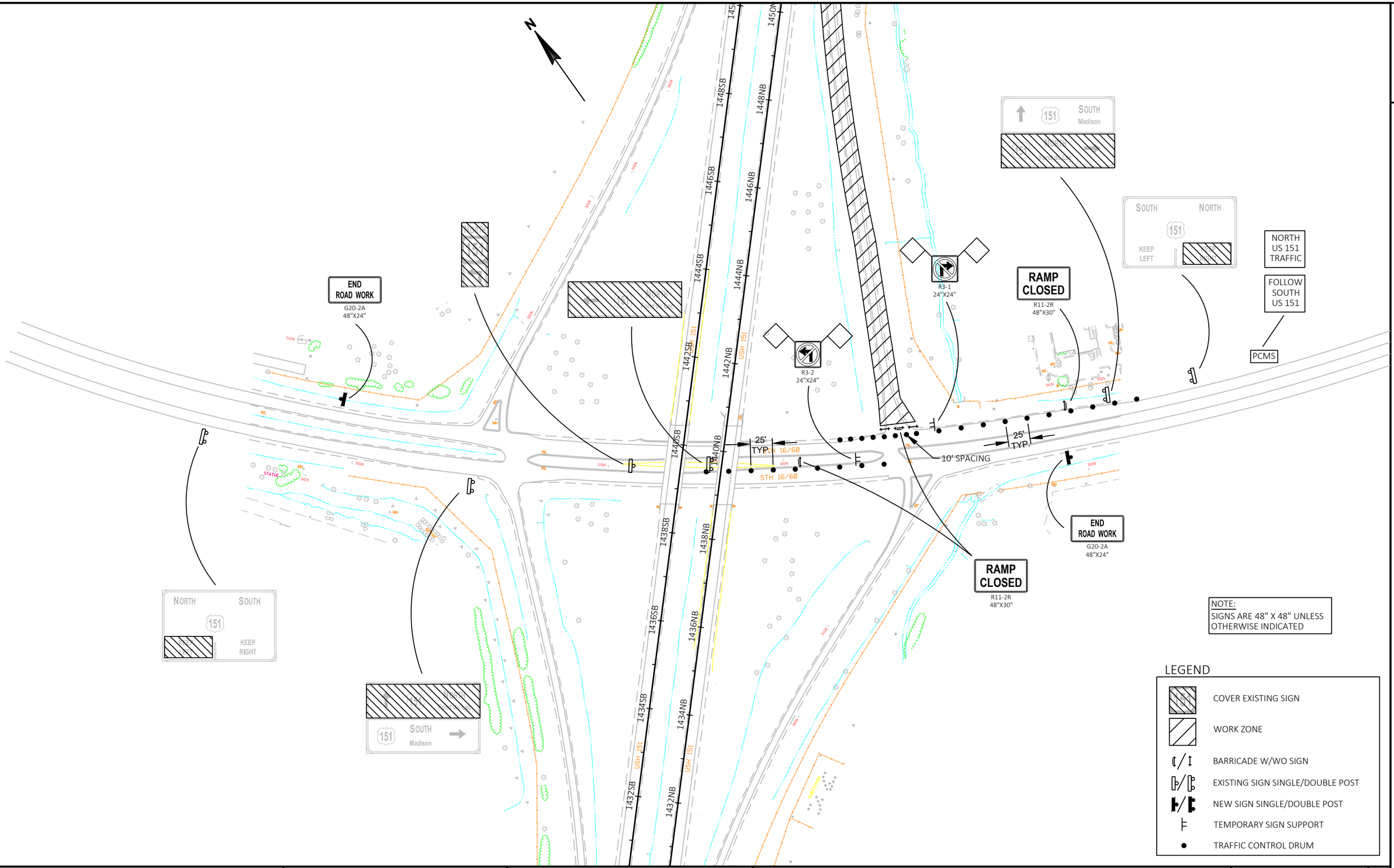
PCMS	PORTABLE CHANGEABLE MESSAGE BOARD
	SIGN
	DETOUR ROUTE

SEE SPECIAL PROVISIONS FOR CLOSURE RESTRICTIONS

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	DETOUR - USH 151 NB ENTRANCE RAMP AT STH 16	SHEET 96	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\027002_DT.DWG
LAYOUT NAME - 14
PLOT DATE : 5/16/2018 6:59 AM PLOT BY : JOHNSON, JOHN R PLOT NAME : PLOT SCALE : ######
WISDOT/CADDS SHEET 44

2



NOTE:
SIGNS ARE 48" X 48" UNLESS OTHERWISE INDICATED

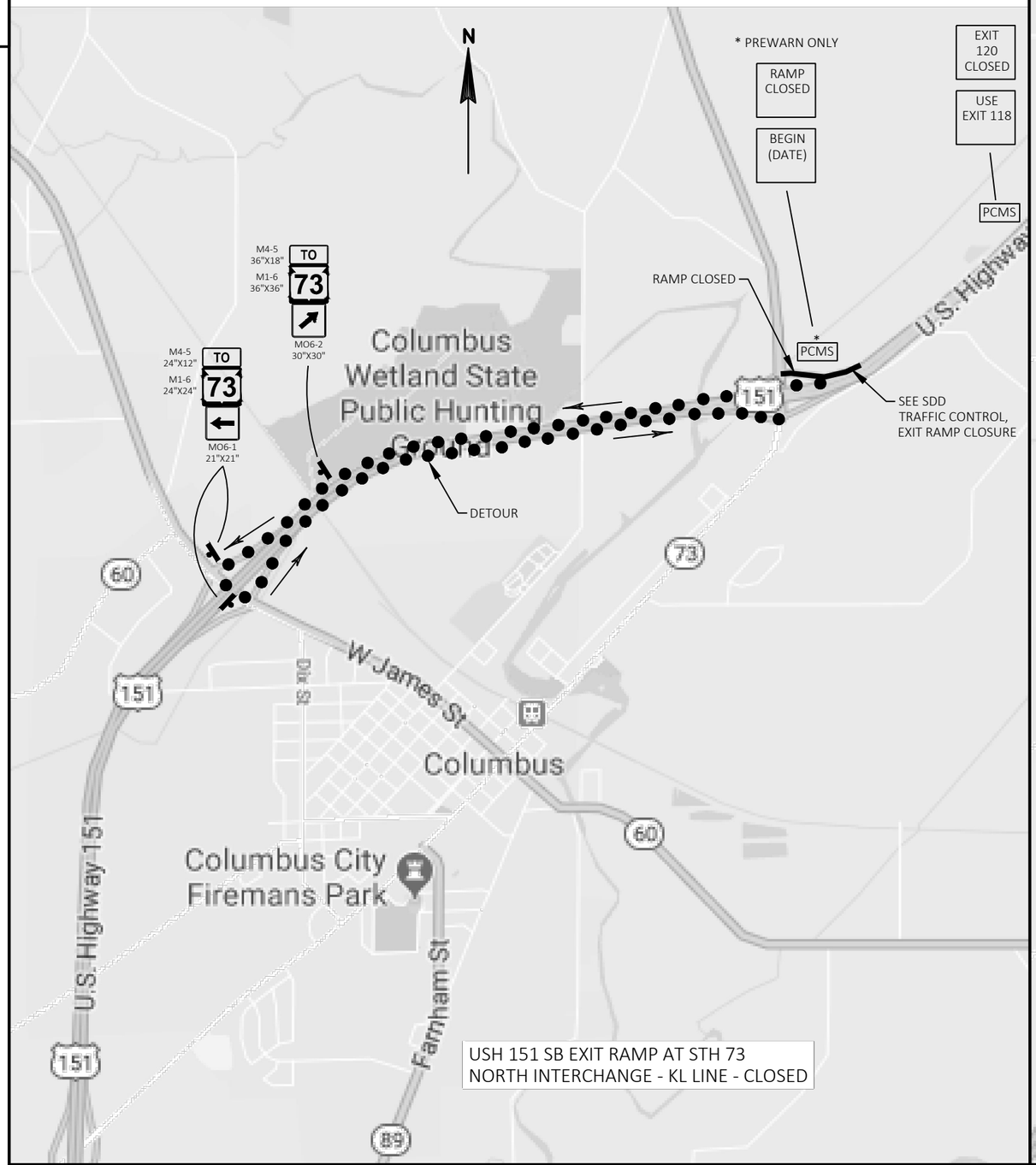
LEGEND

- COVER EXISTING SIGN
- WORK ZONE
- BARRICADE W/WO SIGN
- EXISTING SIGN SINGLE/DOUBLE POST
- NEW SIGN SINGLE/DOUBLE POST
- TEMPORARY SIGN SUPPORT
- TRAFFIC CONTROL DRUM

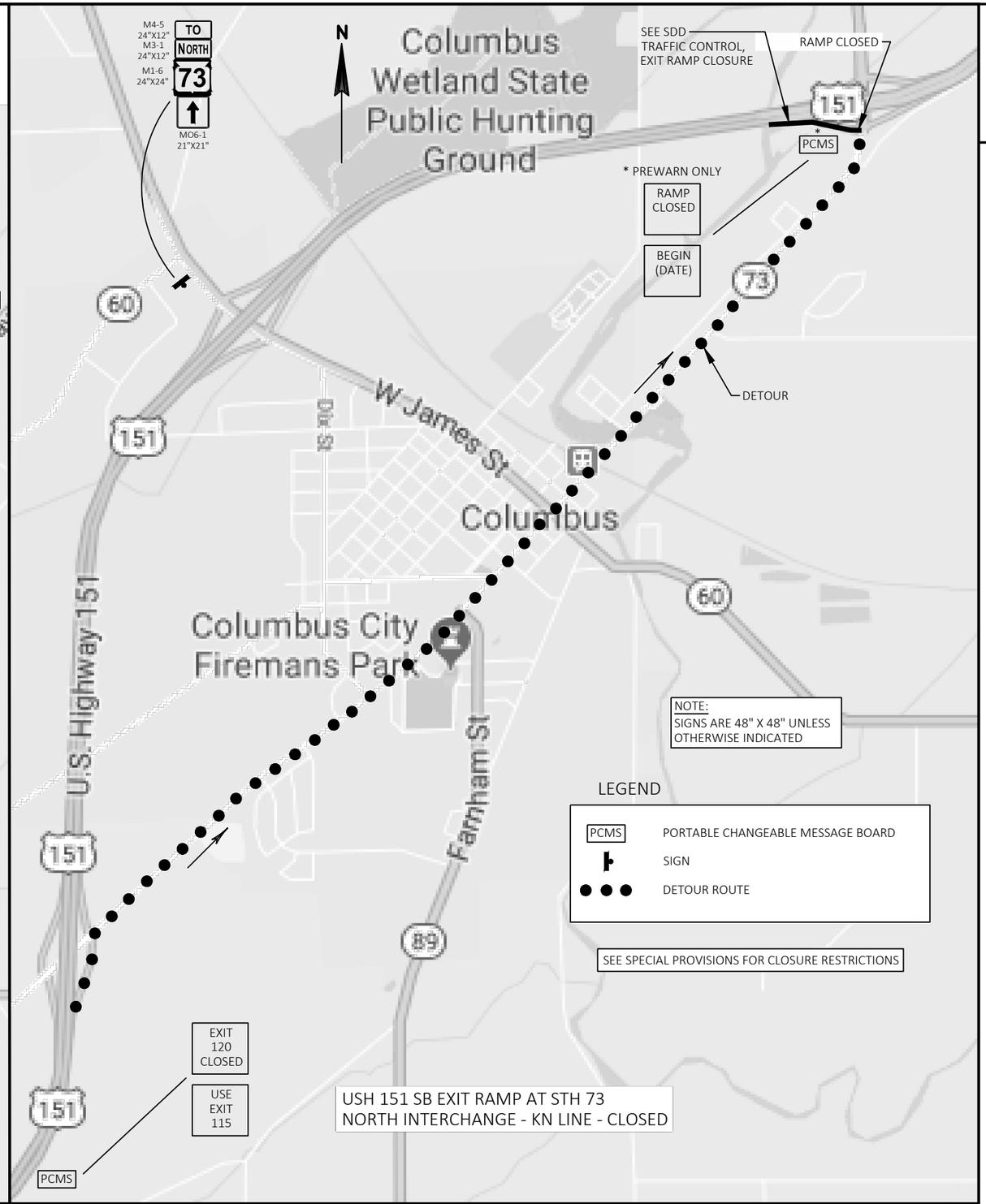
PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	DETOUR NB USH 151 ENTRANCE RAMP CLOSURE AT STH 16	SHEET 97	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\027002_DT.DWG
LAYOUT NAME - 15
PLOT DATE : 5/16/2018 6:59 AM
PLOT BY : JOHNSON, JOHN R
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 42

2

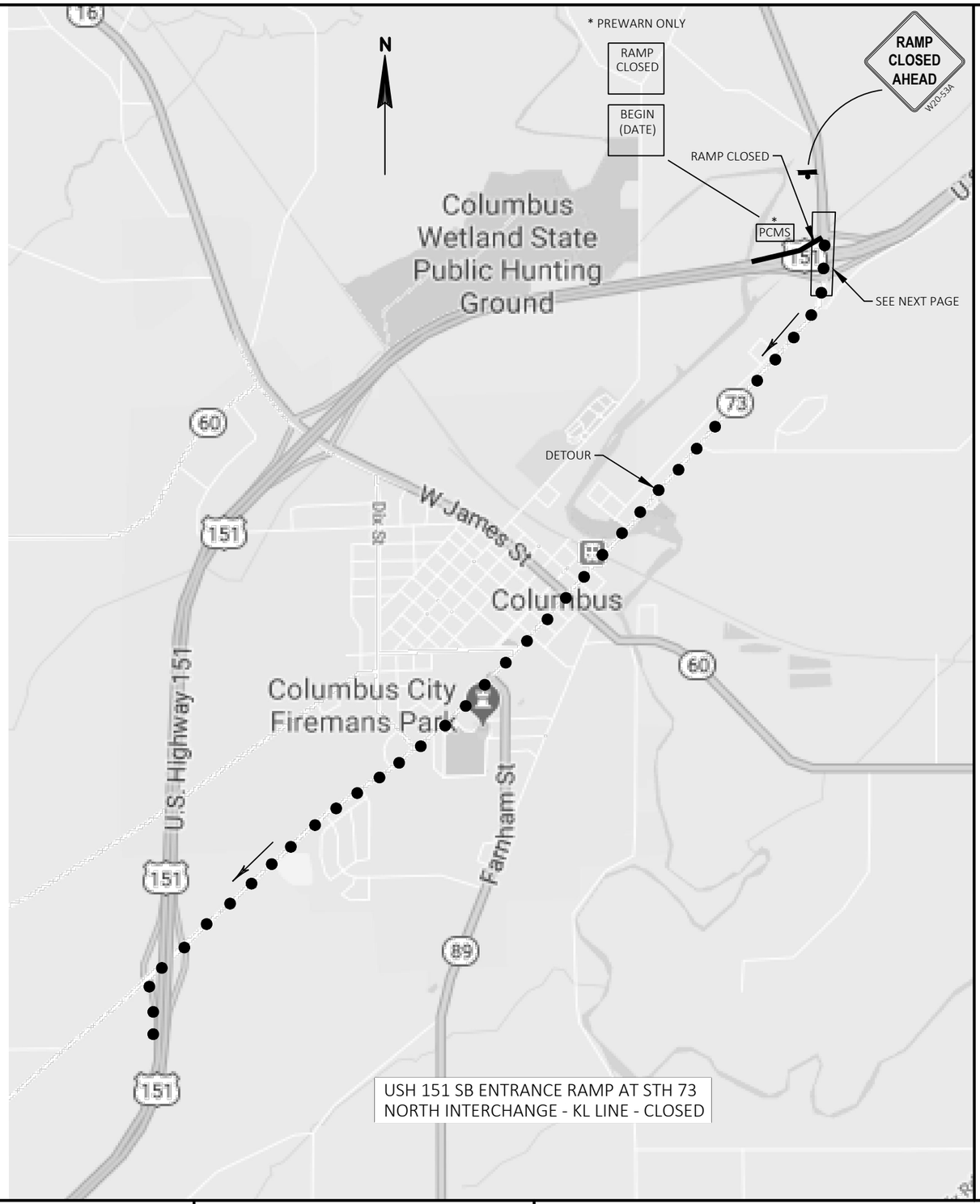


USH 151 SB EXIT RAMP AT STH 73
NORTH INTERCHANGE - KL LINE - CLOSED



USH 151 SB EXIT RAMP AT STH 73
NORTH INTERCHANGE - KN LINE - CLOSED

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	DETOUR USH 151 EXIT RAMPS AT STH 73 NORTH INTERCHANGE	SHEET 98	E



NOTE:
SIGNS ARE 48" X 48" UNLESS OTHERWISE INDICATED

LEGEND

PCMS	PORTABLE CHANGEABLE MESSAGE BOARD
	SIGN
	DETOUR ROUTE

SEE SPECIAL PROVISIONS FOR CLOSURE RESTRICTIONS

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	DETOUR USH 151 ENTRANCE RAMP AT STH 73 NORTH INTERCHANGE	SHEET 99	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\027002_DT.DWG
LAYOUT NAME - 17
PLOT DATE : 5/16/2018 6:59 AM PLOT BY : JOHNSON, JOHN R PLOT NAME : PLOT SCALE : ######

2

LEGEND

- COVER EXISTING SIGN
- WORK ZONE
- BARRICADE W/WO SIGN
- EXISTING SIGN SINGLE/DOUBLE POST
- NEW SIGN SINGLE/DOUBLE POST
- TEMPORARY SIGN SUPPORT
- TRAFFIC CONTROL DRUM

NOTE:
SIGNS ARE 48" X 48" UNLESS OTHERWISE INDICATED

N

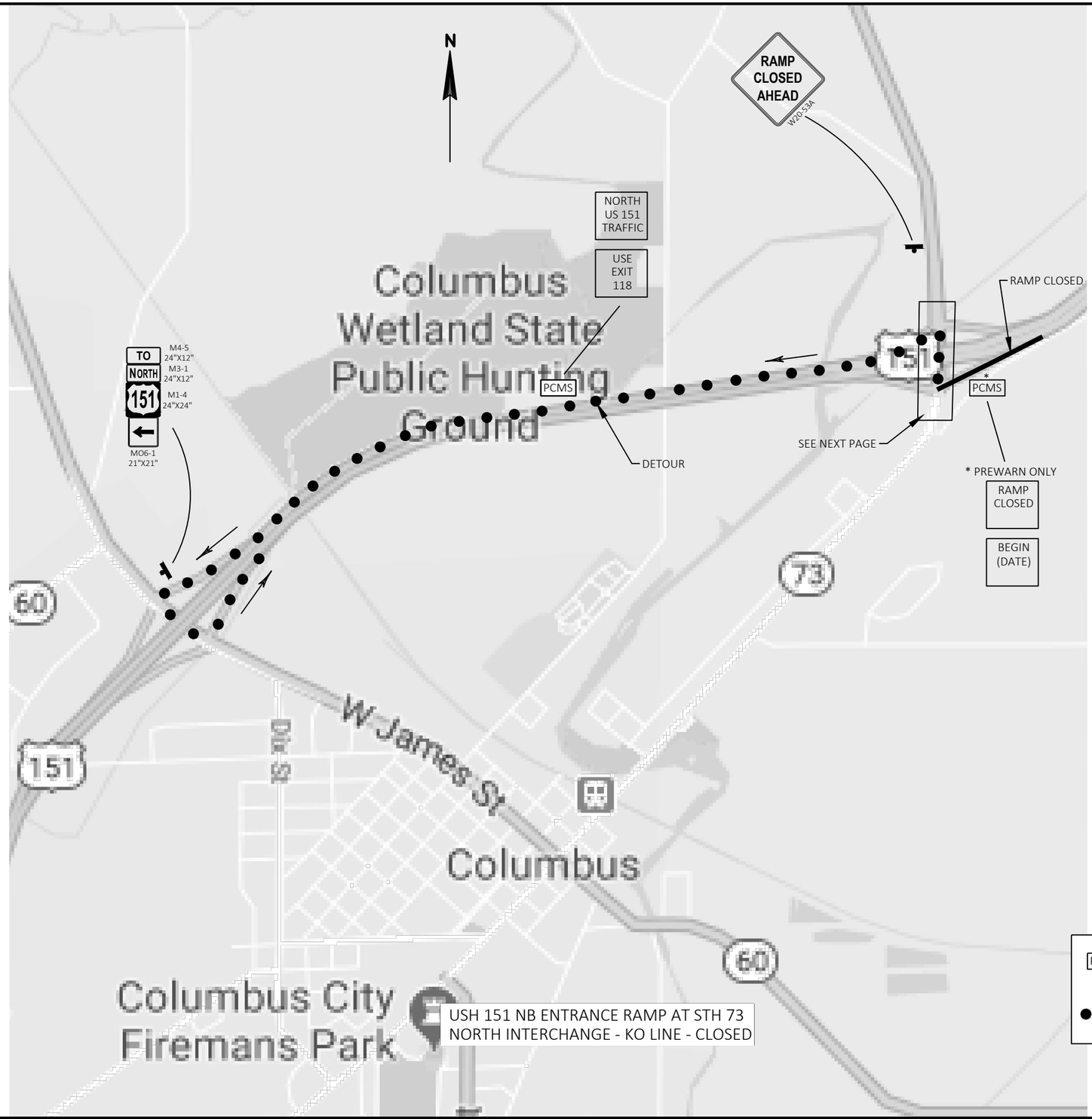
BP: 90+47.89K
PC: 91+55.14K
END ROAD WORK
G20-2A
48"X24"
SIGN
1558KM
PT: 94+63.72K
INL
PC: 1557+81.23SB
1558
Randolph
1556NB
SIGN
INL
25' TYP.
1556SB
BP: 1556+17.29KM
10' SPACING
90KK
92K
92KK
94K
94KK
96K
96KK
98K
98KK
100K
100KK
73
25' TYP.
PCMS
SIGN
INL
BP: 89+08.79KK
EP: 1556+46.44KL
TYP 15'
TO
M4-5
24"X12"
SOUTH NORTH SOUTH
73 151 151
MO6-1
21"X21"
RAMP CLOSED
R11-2R
48"X30"
R3-2
24"X24"
RAMP CLOSED
R11-2R
48"X30"
1554NB
1554SB
RAMP CLOSED 500 FT
W20-53D
SOUTH US 151 TRAFFIC
STAY ON HWY 73
Beaver Dam
Columbus
R3-1
24"X24"
RAMP CLOSED
R11-2R
48"X30"
TYP 15'
INL

1556KO
PC: 1553+52.58K
1554KO
BP: 1553+47.41KO
106K
106KK
108K
108KK
110K
110KK
104K
104KK
EP: 1554+86.06KN
102K
102KK
100K
100KK
STH 73
STH 73
SIGN
INL
1554KN
PC: 103+14.62KK
1554NB
Randolph
Beaver Dam
NORTH SOUTH NORTH
73 151 151
SIGN
SIGN
RAMP CLOSED 1500 FT
W20-53B
PT: 109+99.66K
EP: 110+18.20K
POST
POST
POST
POST
SEPC
INL
INL
SIGN
RAMP CLOSED AHEAD
W20-53A
PT: 109+71.66KK
EP: 110+08.58KK
END ROAD WORK
G20-2A
48"X24"

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	DETOUR SB USH 151 ENTRANCE RAMP CLOSURE AT STH 73 NORTH INTERCHANGE	SHEET 100	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\027002_DT.DWG
LAYOUT NAME - 18

PLOT DATE : 5/16/2018 7:00 AM PLOT BY : JOHNSON, JOHN R PLOT NAME : PLOT SCALE : 1 IN:100 FT



NOTE:
SIGNS ARE 48" X 48" UNLESS OTHERWISE INDICATED

LEGEND

PCMS	PORTABLE CHANGEABLE MESSAGE BOARD
	SIGN
● ● ●	DETOUR ROUTE

SEE SPECIAL PROVISIONS FOR CLOSURE RESTRICTIONS

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	DETOUR NB USH 151 ENTRANCE RAMP CLOSURE AT STH 73 NORTH INTERCHANGE	SHEET 101	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\027002_DT.DWG
LAYOUT NAME - 19
PLOT DATE : 5/16/2018 7:00 AM PLOT BY : JOHNSON, JOHN R PLOT NAME : PLOT SCALE : ######

LEGEND

- COVER EXISTING SIGN
- WORK ZONE
- BARRICADE W/WO SIGN
- EXISTING SIGN SINGLE/DOUBLE POST
- NEW SIGN SINGLE/DOUBLE POST
- TEMPORARY SIGN SUPPORT
- TRAFFIC CONTROL DRUM

NOTE:
SIGNS ARE 48" X 48" UNLESS OTHERWISE INDICATED

N

STH 73

BP: 89+08.79KK

RAMP CLOSED AHEAD
W20-53A

M4-5 24"X12"
TO
SOUTH 73 | NORTH 151 | SOUTH 151
MO5-1R 21"X21"

RAMP CLOSED 1500 FT
W20-53B

BP: 90+47.89K

PC: 91+55.14K

END ROAD WORK
G20-2A 48"X24"

SIGN

INL

90KK 92K 92KK 94K 94KK 96K 96KK 98K 98KK 100K 100KK

BP: 1556+17.29KM

EP: 1556+46.44KL

1558KM

PT: 94+63.72K

1556KL

1554KL

PC: 1557+81.23SB

1556NB

1556SB

1554NB

1554SB

M4-5 24"X12"
M3-1 24"X12"
M1-4 24"X24"
TO
NORTH 151
MO6-1 21"X21"

Columbus
Sun Prairie

M4-5 24"X12"
M3-1 24"X12"
M1-4 24"X24"
TO
NORTH 151
MO6-1 21"X21"

Sun Prairie
Randolph

TO
NORTH 73 | SOUTH 151 | NORTH 151
M4-5 24"X12"
MO6-1 21"X21"

RAMP CLOSED 500 FT
W20-53D

RAMP CLOSED AHEAD
W20-53A

M4-5 24"X12"
M3-1 24"X12"
M1-4 24"X24"
TO
NORTH 151
MO5-1L 21"X21"

R3-2 24"X24"

R3-1 24"X24"

10' SPACING

OVERHEAD SIGN STRUCTURE

PC: 1034+52.58KK

BP: 1553+47.41KO

25' TYP.

102K 102KK 104K 104KK 106K 106KK 108K 108KK 110K 110KK

EP: 1554+86.06KN

PT: 109+99.66K

EP: 110+18.20K

PT: 109+71.66KK

EP: 110+08.58KK

1554KN

RAMP CLOSED
R11-2R 48"X30"

END ROAD WORK
G20-2A 48"X24"

RAMP CLOSED
R11-2R 48"X30"

Columbus
Sun Prairie

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	DETOUR SB USH 151 ENTRANCE RAMP CLOSURE AT NORTH STH 73 INTERCHANGE	SHEET 102	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\027002_DT.DWG
LAYOUT NAME - 20

PLOT DATE : 5/16/2018 7:00 AM PLOT BY : JOHNSON, JOHN R PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

PT STA = 742+11.81SB
Y = 529972.170
X = 873206.779

BEGIN CONSTRUCTION
STA 743+22 SB

PT: 742+11.81SB

BEGIN CONSTRUCTION
STA 745+08 NB

BEGIN PROJECT
STA 743+00.42 NB

PT: 742+02.46NB

PT STA = 742+02.46NB
Y = 529923.555
X = 873245.221

745SB 750SB 755SB 760SB 765SB 770SB
745NB 750NB 755NB 760NB 765NB 770NB
N63° 03' 59"E 3976.77'
N63° 02' 51"E 3988.86'
USH 151
WILBURN RD
PROGRESS WAY
STONE QUARRY RD
FLORENCE LN
RIPRAP
SIGN
BRAZEE LAKE

DANE COUNTY COORDINATES

PI STA = 804+54.12SB
Y = 532799.666
X = 878772.003
DELTA = 43°09'10"
D = 0°30'00"
T = 2265.54'
L = 4314.84'
R = 5729.00'
PC STA = 781+88.58SB
PT STA = 825+03.42SB

PC: 781+88.58SB

PC: 781+91.32NB

775SB 780SB 785SB 790SB 795SB 800SB
775NB 780NB 785NB 790NB 795NB 800NB
N63° 03' 59"E 3976.77'
N63° 02' 51"E 3988.86'
USH 151
STONE QUARRY RD
ELDER LN
CTH VV

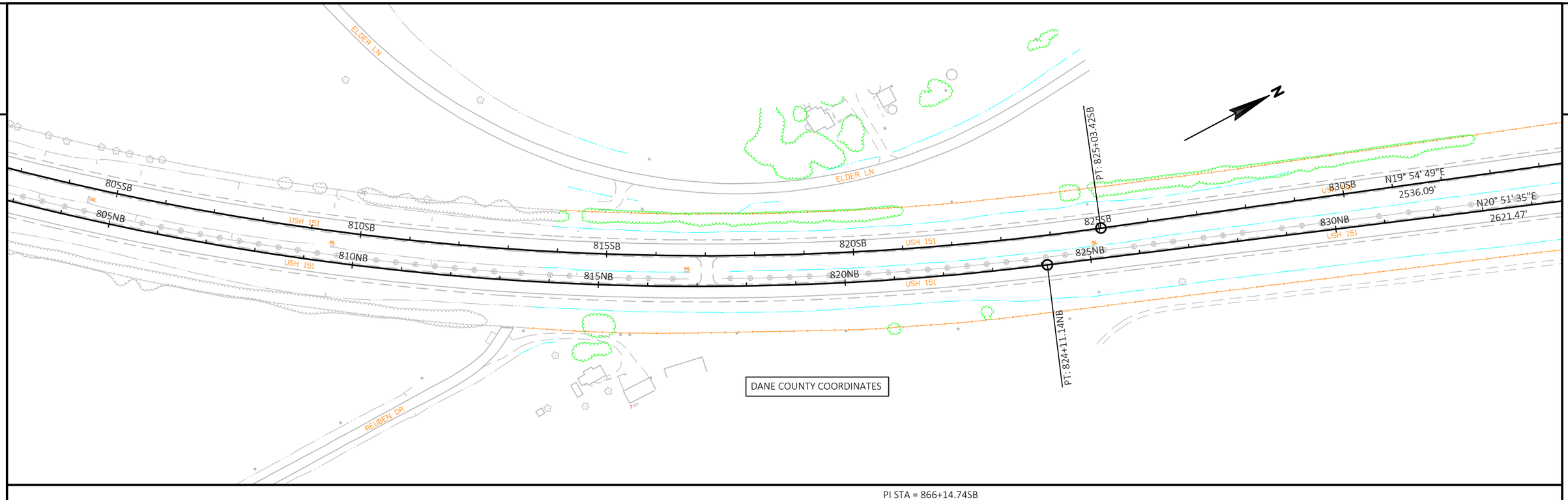
DANE COUNTY COORDINATES

PI STA = 804+02.02NB
Y = 532733.521
X = 878771.403
DELTA = 42°11'16"
D = 0°30'00"
T = 2210.70'
L = 4219.82'
R = 5731.00'
PC STA = 781+91.32NB
PT STA = 824+11.14NB

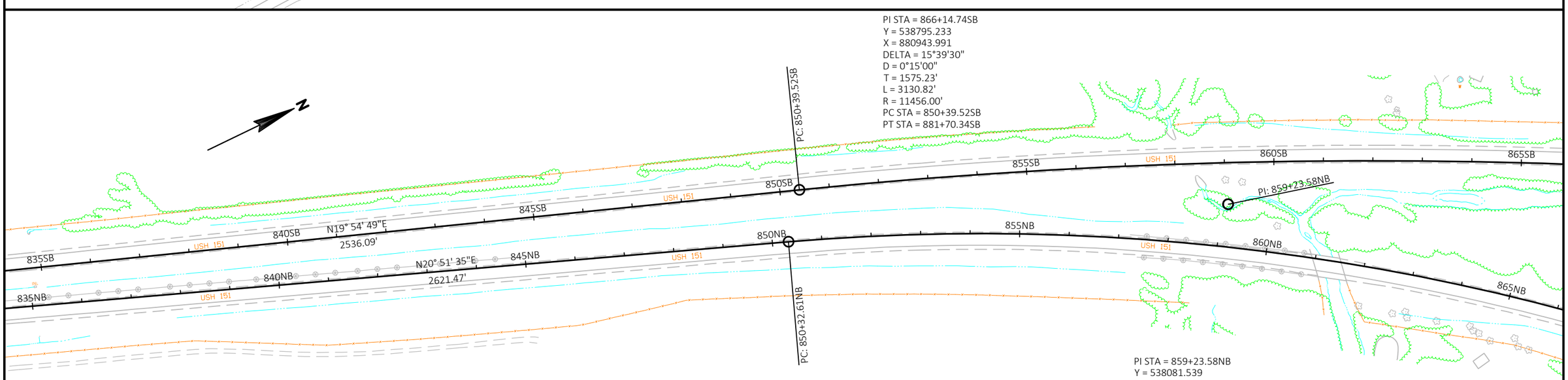
PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	ALIGNMENT DETAIL	SHEET 103	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\027201_AD.DWG
LAYOUT NAME - 1
PLOT DATE : 4/26/2018 1:18 PM
PLOT BY : JOHNSON, JOHN R
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44

2



PI STA = 866+14.74SB
Y = 538795.233
X = 880943.991
DELTA = 15°39'30"
D = 0°15'00"
T = 1575.23'
L = 3130.82'
R = 11456.00'
PC STA = 850+39.52SB
PT STA = 881+70.34SB



PI STA = 859+23.58NB
Y = 538081.539
X = 880809.307
DELTA = 21°59'37"
D = 0°37'29"
T = 890.97'
L = 1760.01'
R = 4585.00'
PC STA = 850+32.61NB
PT STA = 867+92.62NB

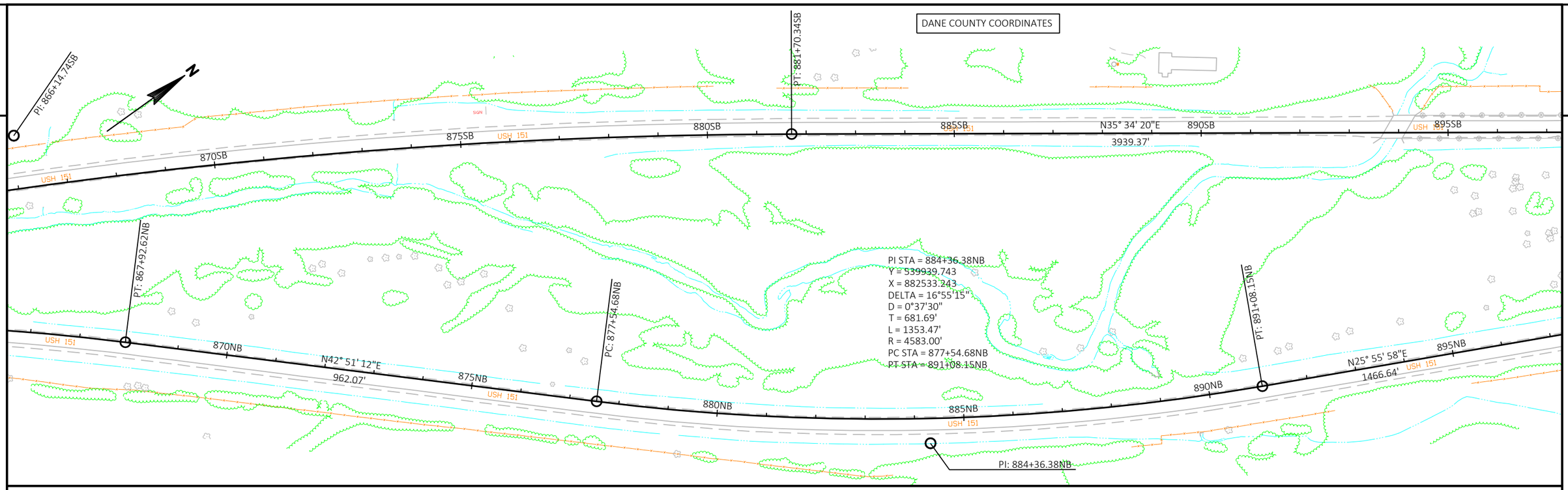
PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	ALIGNMENT DETAIL	SHEET 104	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\027201_AD.DWG
LAYOUT NAME - 2

PLOT DATE : 4/26/2018 1:18 PM PLOT BY : JOHNSON, JOHN R PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

DANE COUNTY COORDINATES



PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	ALIGNMENT DETAIL	SHEET 105	E

2

BP STA = 901+70.90VG
Y = 541717.643
X = 883004.575

PI STA = 914+64.18VG
Y = 542785.534
X = 883734.091
DELTA = 13°50'53"
D = 2°00'02"
T = 173.90'
L = 346.10'
R = 1432.00'
PC STA = 912+90.29VG
PT STA = 916+36.39VG

PI STA = 927+02.54VG
Y = 543947.130
X = 884168.173
DELTA = 54°13'34"
D = 10°03'07"
T = 145.92'
L = 269.73'
R = 285.00'
PC STA = 925+56.62VG
PT STA = 928+26.35VG

EP STA = 928+99.76VG
Y = 544004.941
X = 884379.753

PI STA = 936+96.62SB
Y = 544571.486
X = 885075.134
DELTA = 15°46'08"
D = 0°15'00"
T = 1586.91'
L = 3153.76'
R = 11459.00'
PC STA = 921+09.71SB
PT STA = 952+63.47SB

DANE COUNTY COORDINATES

BP STA = 899+59.27VJ
Y = 541307.726
X = 883225.151

PI STA = 901+00.56VJ
Y = 541432.130
X = 883292.126

PI STA = 913+07.09VJ
Y = 542471.784
X = 883904.367
DELTA = 13°47'19"
D = 1°01'11"
T = 339.64'
L = 676.01'
R = 2809.00'
PC STA = 909+67.45VJ
PT STA = 916+43.45VJ

PI STA = 917+47.51VJ
Y = 542789.433
X = 884214.153
DELTA = 31°00'58"
D = 7°38'22"
T = 104.05'
L = 203.00'
R = 375.00'
PC STA = 916+43.45VJ
PT STA = 918+46.45VJ

EP STA = 919+12.03VJ
Y = 542832.483
X = 884378.228

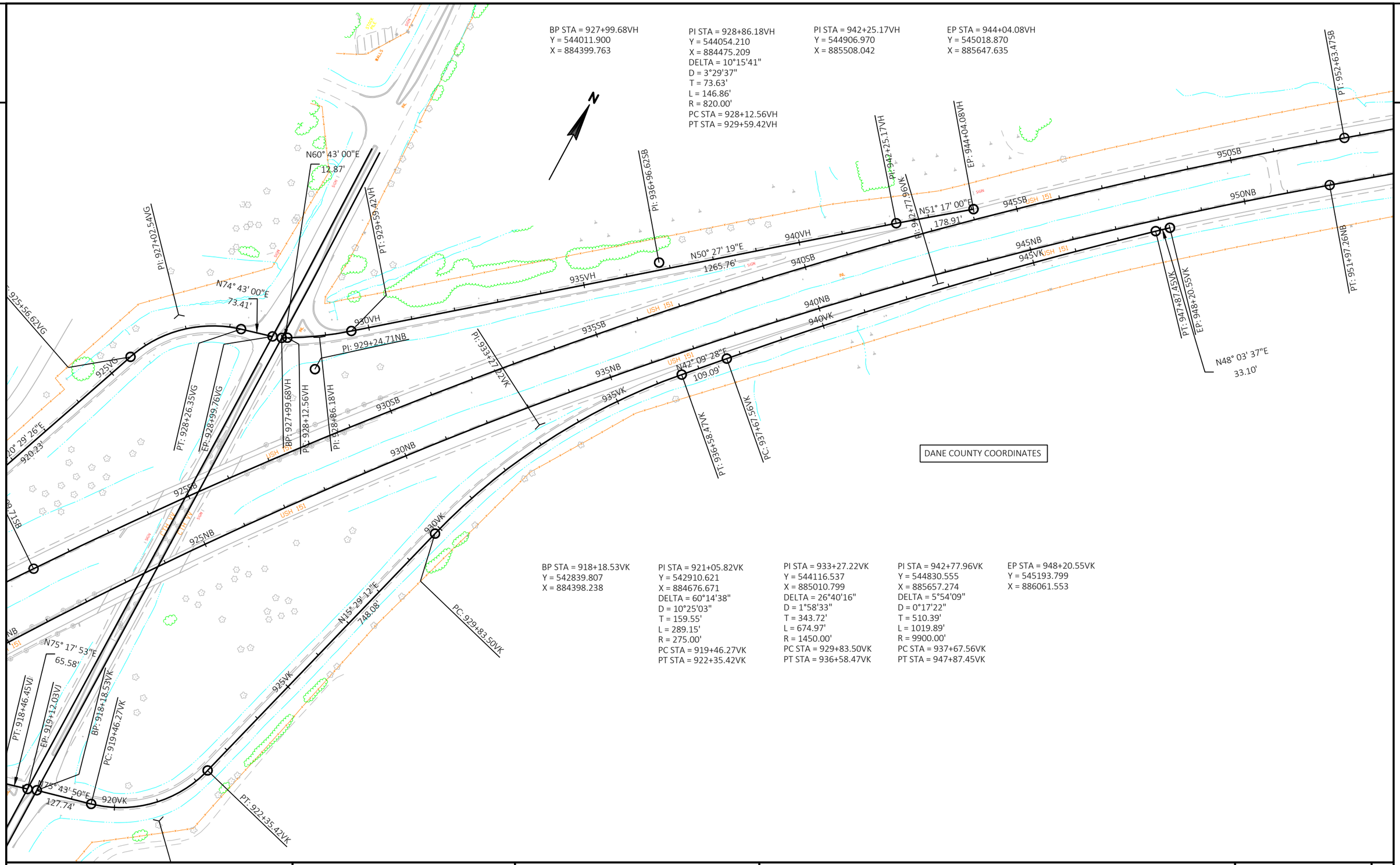
PI STA = 929+24.71NB
Y = 543985.061
X = 884500.394
DELTA = 25°25'29"
D = 0°16'30"
T = 2349.92'
L = 4622.47'
R = 10417.00'
PC STA = 905+74.79NB
PT STA = 951+97.26NB

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	ALIGNMENT DETAIL	SHEET 106	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\027201_AD.DWG
LAYOUT NAME - 4

PLOT DATE : 4/26/2018 1:18 PM PLOT BY : JOHNSON, JOHN R PLOT NAME : PLOT SCALE : 1 IN:200 FT

2



PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	ALIGNMENT DETAIL	SHEET 107	E

2

PI STA = 990+28.48SB
Y = 547914.734
X = 889254.336
DELTA = 7°30'28"
D = 0°15'00"
T = 751.77'
L = 1501.39'
R = 11458.00'
PC STA = 982+76.71SB
PT STA = 997+78.10SB

PC: 982+76.71SB

965SB 970SB 975SB 980SB 985SB 990SB

USH 151

N51° 20' 28"E
3013.24'

965NB 970NB 975NB 980NB 985NB 990NB

N51° 21' 26"E
2988.83'

PC: 981+86.09NB

PI: 990+28.48SB

PI: 989+40.44NB

PI STA = 989+40.44NB
Y = 547789.977
X = 889259.442
DELTA = 7°31'58"
D = 0°15'00"
T = 754.35'
L = 1506.53'
R = 11459.00'
PC STA = 981+86.09NB
PT STA = 996+92.62NB

DANE COUNTY COORDINATES

PI STA = 1006+92.39SB
Y = 549116.555
X = 890408.188
DELTA = 3°01'11"
D = 0°07'30"
T = 604.27'
L = 1208.27'
R = 22925.00'
PC STA = 1000+88.11SB
PT STA = 1012+96.38SB

BEGIN CENTERLINE EXCEPTION
STA. 995+00 SB

PT: 997+78.10SB

PC: 1000+88.11SB

PI: 1006+92.39SB

PT: 1012+96.38SB

VALLEY HILL RD

995SB 1000SB 1005SB 1010SB 1015SB 1020SB

N43° 50' 00"E
310.01'

N46° 51' 12"E
9458.30'

995NB 1000NB 1005NB 1010NB 1015NB 1020NB

N43° 49' 28"E
1159.16'

N46° 51' 13"E
8677.20'

PT: 996+92.62NB

PC: 1008+51.77NB

PI: 1014+57.75NB

PT: 1020+63.45NB

PI STA = 1014+57.75NB
Y = 549607.698
X = 891004.065
DELTA = 3°01'45"
D = 0°07'30"
T = 605.98'
L = 1211.68'
R = 22918.00'
PC STA = 1008+51.77NB
PT STA = 1020+63.45NB

PREVIOUS PROJECT 1111-03-70
BEGIN NET CENTERLINE EXCEPTION TO ℄ LENGTH
STA. 995+00 NB

DANE COUNTY COORDINATES

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	ALIGNMENT DETAIL	SHEET 108	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\027201_AD.DWG
LAYOUT NAME - 6
PLOT DATE : 4/26/2018 1:19 PM
PLOT BY : JOHNSON, JOHN R
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44

PI STA = 1113+31.51SB
Y = 298200.565
X = 634772.257
DELTA = 11°29'51"
D = 0°30'00"
T = 576.81'
L = 1149.75'
R = 5729.58'
PC STA = 1107+54.70SB
PT STA = 1119+04.45SB

PC: 1107+54.70SB
PI: 1113+18.28NB
PI: 1113+31.51SB
PT: 1119+04.45SB
END CENTERLINE EXCEPTION
END CENTERLINE EXCEPTION
PC: 1107+40.66NB
PT: 1118+92.00NB
PC: 1135+16.24SB
PC: 1136+82.30NB

1110SB
1110NB
1115SB
1115NB
1120SB
1120NB
1125SB
1125NB
1130SB
1130NB
1135SB
1135NB
N58° 22' 06"E
1611.79'
N58° 23' 09"E
1790.30'
USH 151
DEANSVILLE RD

PI STA = 1113+18.28NB
Y = 298159.180
X = 634800.114
DELTA = 11°30'52"
D = 0°30'00"
T = 577.61'
L = 1151.34'
R = 5729.00'
PC STA = 1107+40.66NB
PT STA = 1118+92.00NB

COLUMBIA COUNTY COORDINATES

PI STA = 1141+66.45SB
Y = 299689.399
X = 637189.324
DELTA = 12°56'52"
D = 0°30'00"
T = 650.21'
L = 1294.88'
R = 5730.00'
PC STA = 1135+16.24SB
PT STA = 1148+11.12SB

PT: 1148+11.12SB
PI: 1141+66.45SB
PI: 1143+33.36NB
PT: 1149+78.85NB

1140SB
1140NB
1145SB
1145NB
1150SB
1150NB
1155SB
1155NB
1160SB
1160NB
1165SB
1165NB
N45° 25' 14"E
12601.08'
N45° 25' 16"E
12470.42'
USH 151

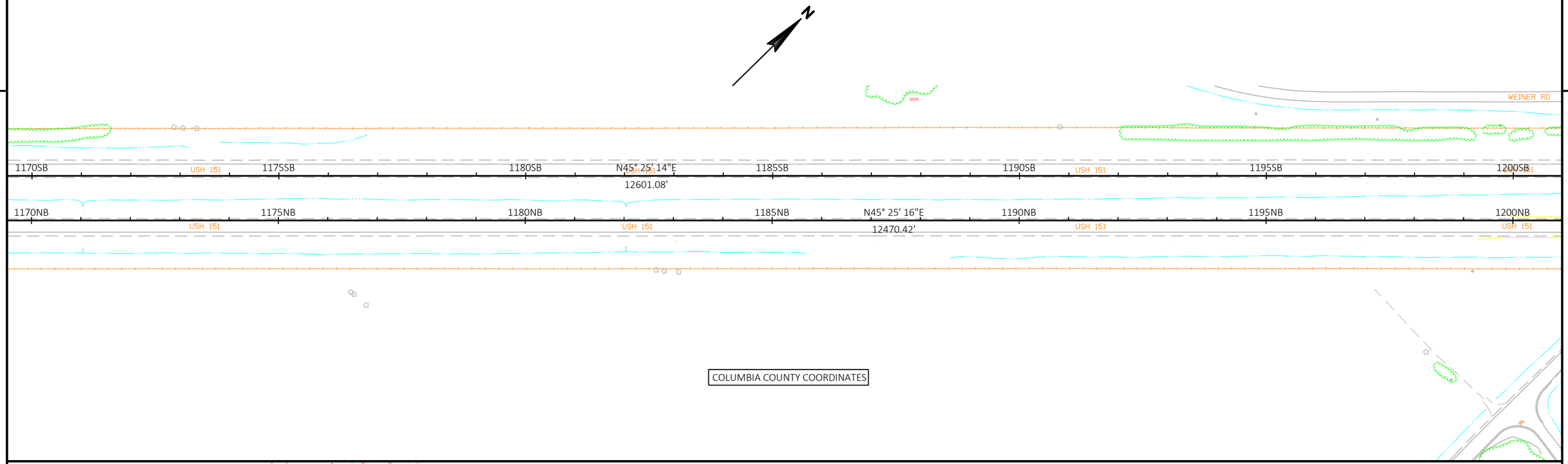
PI STA = 1143+33.36NB
Y = 299741.716
X = 637371.061
DELTA = 12°57'52"
D = 0°30'00"
T = 651.06'
L = 1296.55'
R = 5730.00'
PC STA = 1136+82.30NB
PT STA = 1149+78.85NB

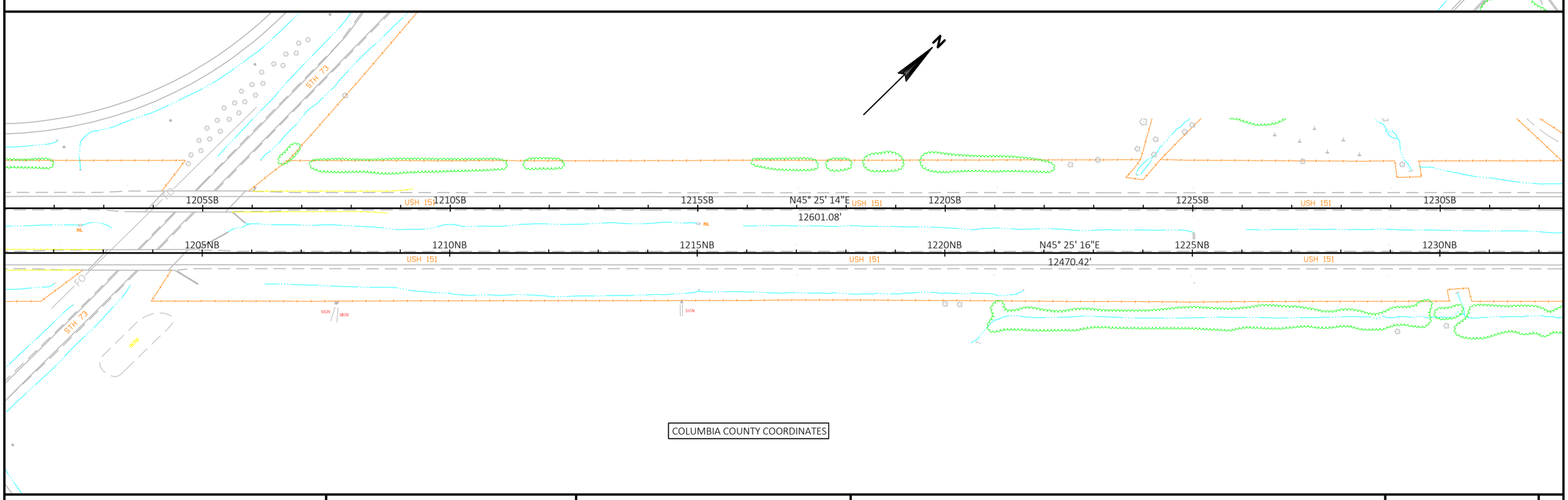
COLUMBIA COUNTY COORDINATES

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE/COLUMBIA	ALIGNMENT DETAIL	SHEET 109	E

2

2





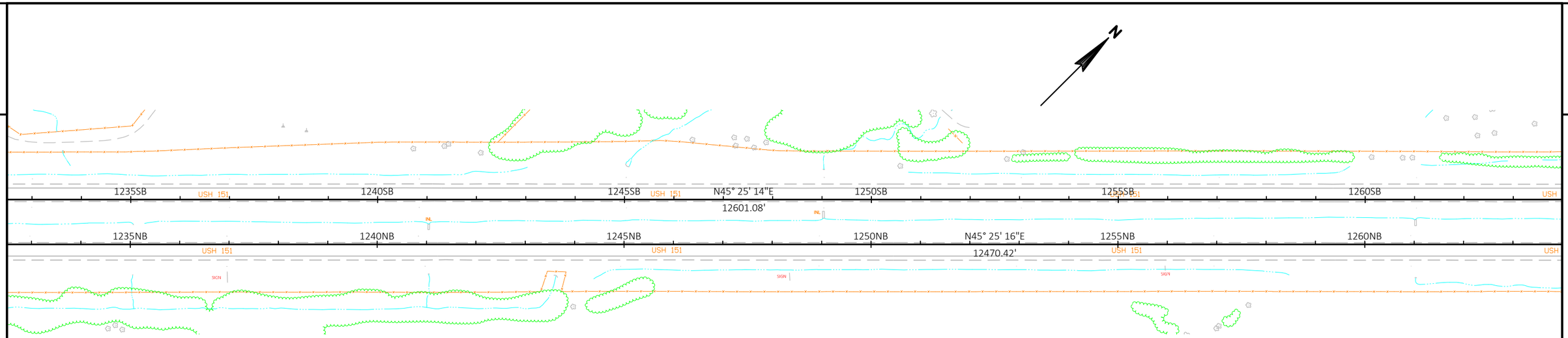
PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	ALIGNMENT DETAIL	SHEET 110	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\027202_AD.DWG
LAYOUT NAME - 8

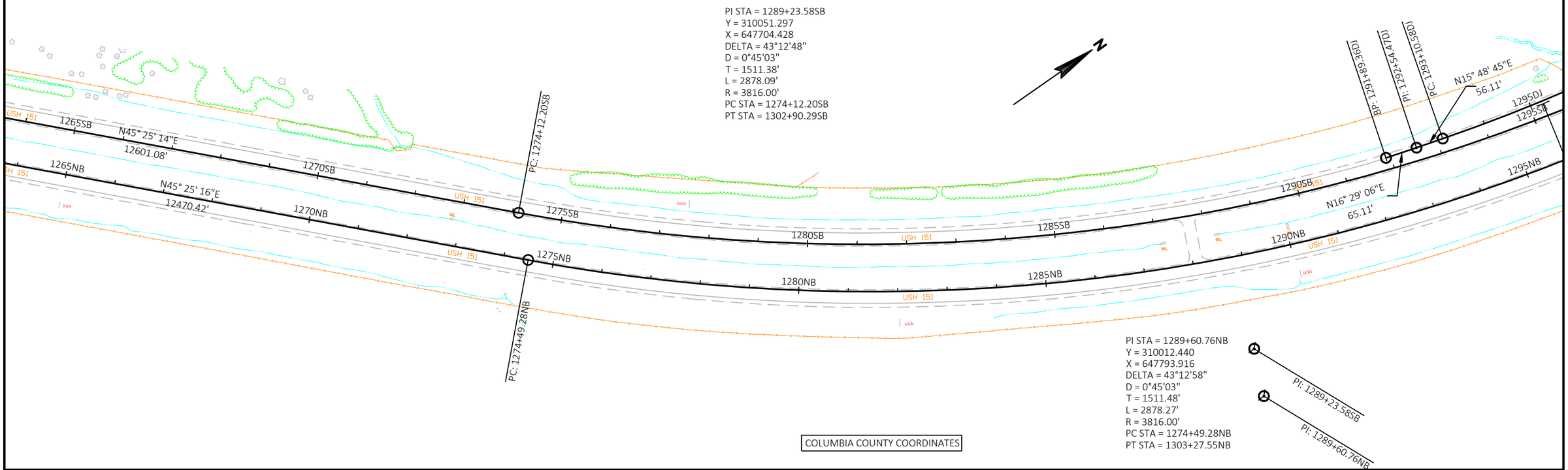
PLOT DATE : 4/27/2018 8:56 AM PLOT BY : JOHNSON, JOHN R PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

2



COLUMBIA COUNTY COORDINATES



COLUMBIA COUNTY COORDINATES

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	ALIGNMENT DETAIL	SHEET 111	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\027202_AD.DWG
LAYOUT NAME - 9
PLOT DATE : 4/27/2018 8:56 AM
PLOT BY : JOHNSON, JOHN R
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44

BP STA = 1291+89.36DJ
Y = 310490.426
X = 647540.499

PI STA = 1292+54.47DJ
Y = 310552.858
X = 647558.974

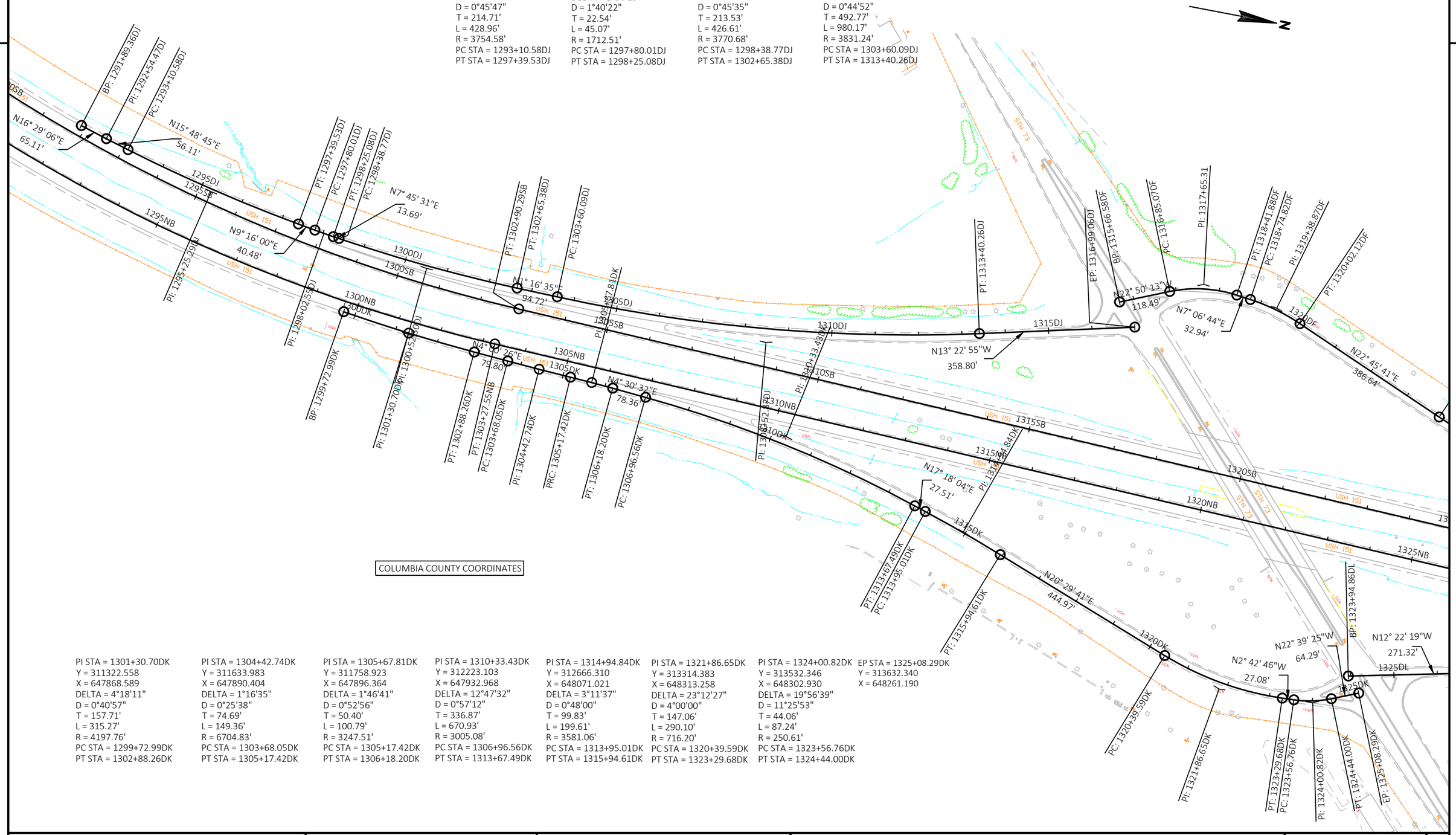
PI STA = 1295+25.29DJ
Y = 310813.429
X = 647632.770
DELTA = 6°32'46"
D = 0°45'47"
T = 214.71'
L = 428.96'
R = 3754.58'
PC STA = 1293+10.58DJ
PT STA = 1297+39.53DJ

PI STA = 1298+02.55DJ
Y = 311087.531
X = 647677.492
DELTA = 1°30'29"
D = 1°40'22"
T = 22.54'
L = 45.07'
R = 1712.51'
PC STA = 1297+80.01DJ
PT STA = 1298+25.08DJ

PI STA = 1300+52.30DJ
Y = 311335.000
X = 647711.210
DELTA = 6°28'57"
D = 0°45'35"
T = 213.53'
L = 426.61'
R = 3770.68'
PC STA = 1298+38.77DJ
PT STA = 1302+65.38DJ

PI STA = 1308+52.87DJ
Y = 312135.825
X = 647729.052
DELTA = 14°39'30"
D = 0°44'52"
T = 492.77'
L = 980.17'
R = 3831.24'
PC STA = 1303+60.09DJ
PT STA = 1313+40.26DJ

EP STA = 1316+99.06DJ
Y = 312964.278
X = 647531.963



COLUMBIA COUNTY COORDINATES

PI STA = 1301+30.70DK
Y = 311322.558
X = 647868.589
DELTA = 4°18'11"
D = 0°40'57"
T = 157.71'
L = 315.27'
R = 4197.76'
PC STA = 1299+72.99DK
PT STA = 1302+88.26DK

PI STA = 1304+42.74DK
Y = 311633.983
X = 647890.404
DELTA = 1°16'35"
D = 0°25'38"
T = 74.69'
L = 149.36'
R = 6704.83'
PC STA = 1303+68.05DK
PT STA = 1305+17.42DK

PI STA = 1305+67.81DK
Y = 311758.923
X = 647896.364
DELTA = 1°46'41"
D = 0°52'56"
T = 50.40'
L = 100.79'
R = 3247.51'
PC STA = 1305+17.42DK
PT STA = 1306+18.20DK

PI STA = 1310+33.43DK
Y = 312223.103
X = 647932.968
DELTA = 12°47'32"
D = 0°57'12"
T = 336.87'
L = 670.93'
R = 3005.08'
PC STA = 1306+96.56DK
PT STA = 1313+67.49DK

PI STA = 1314+94.84DK
Y = 312666.310
X = 648071.021
DELTA = 3°11'37"
D = 0°48'00"
T = 99.83'
L = 199.61'
R = 3581.06'
PC STA = 1313+95.01DK
PT STA = 1315+94.61DK

PI STA = 1321+86.65DK
Y = 313314.383
X = 648313.258
DELTA = 23°12'27"
D = 4°00'00"
T = 147.06'
L = 290.10'
R = 716.20'
PC STA = 1320+39.59DK
PT STA = 1323+29.68DK

PI STA = 1324+00.82DK
Y = 313532.346
X = 648302.930
DELTA = 19°56'39"
D = 11°25'53"
T = 44.06'
L = 87.24'
R = 250.61'
PC STA = 1323+56.76DK
PT STA = 1324+44.00DK

EP STA = 1325+08.29DK
Y = 313632.340
X = 648261.190

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	ALIGNMENT DETAIL	SHEET 112 E

2

BP STA = 1315+66.58DF
Y = 312918.344
X = 647481.823

PI STA = 1317+65.31DF
Y = 313101.496
X = 647404.694
DELTA = 29°56'57"
D = 9°32'58"
T = 80.24'
L = 156.81'
R = 299.99'
PC STA = 1316+85.07DF
PT STA = 1318+41.88DF

PI STA = 1319+38.87DF
Y = 313277.360
X = 647426.637
DELTA = 15°38'57"
D = 6°08'48"
T = 64.05'
L = 127.30'
R = 466.08'
PC STA = 1318+74.82DF
PT STA = 1320+02.12DF
S.E. = 4%
R.O. = 154'

PI STA = 1327+85.13DF
Y = 314058.459
X = 647754.361
DELTA = 13°51'29"
D = 0°52'42"
T = 396.37'
L = 788.88'
R = 3261.63'
PC STA = 1323+88.76DF
PT STA = 1331+77.64DF
S.E. = 3.9%
R.O. = 100'

PI STA = 1333+08.97DF
Y = 314579.800
X = 647836.032
DELTA = 5°22'23"
D = 1°18'22"
T = 102.91'
L = 205.68'
R = 2193.32'
PC STA = 1332+06.05DF
PT STA = 1334+11.73DF

EP STA = 1341+26.83DF
Y = 315396.267
X = 647886.404

COLUMBIA COUNTY COORDINATES

BP STA = 1323+94.86DL
Y = 313601.341
X = 648226.956

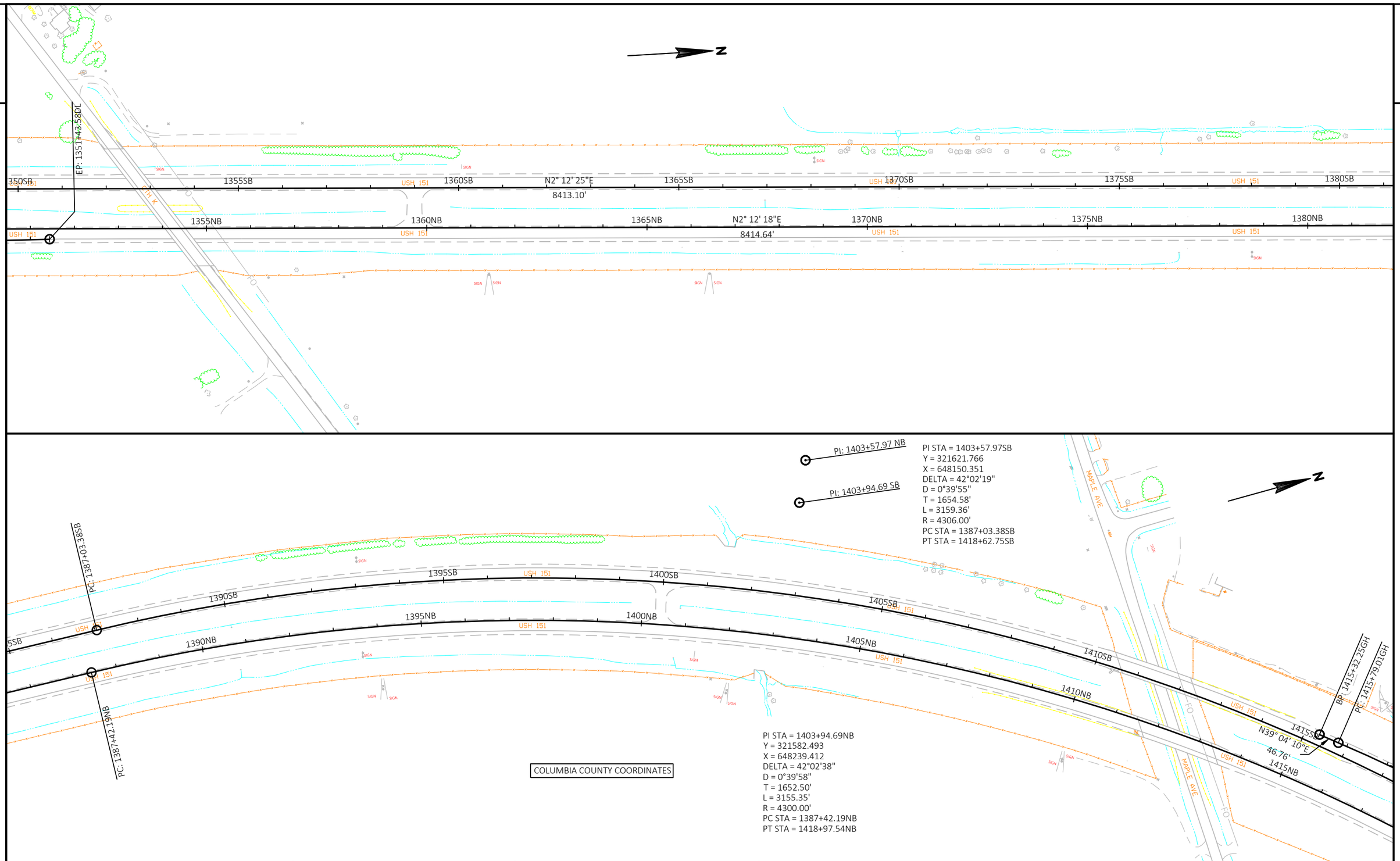
PI STA = 1327+19.40DL
Y = 313918.344
X = 648157.421
DELTA = 1°24'53"
D = 0°39'53"
T = 53.22'
L = 106.43'
R = 4310.57'
PC STA = 1326+66.18DL
PT STA = 1327+72.61DL

PI STA = 1333+93.83DL
Y = 314580.490
X = 648029.226
DELTA = 12°00'24"
D = 0°30'06"
T = 600.39'
L = 1196.37'
R = 5709.09'
PC STA = 1327+93.45DL
PT STA = 1339+89.82DL

EP STA = 1351+43.58DL
Y = 316334.341
X = 648061.354

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	ALIGNMENT DETAIL	SHEET 113	E

2



PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	ALIGNMENT DETAIL	SHEET 114	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\027202_AD.DWG
LAYOUT NAME - 12
PLOT DATE : 5/16/2018 7:16 AM
PLOT BY : JOHNSON, JOHN R
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44

2

BP STA = 1415+32.25GH
Y = 322577.043
X = 649065.094

PI STA = 1417+21.39GH
Y = 322723.890
X = 649184.303
DELTA = 3°50'15"
D = 0°40'27"
T = 142.38'
L = 284.66'
R = 4250.00'
PC STA = 1415+79.01GH
PT STA = 1418+63.67GH

PI STA = 1429+86.10GH
Y = 323650.317
X = 650045.404
DELTA = 19°07'44"
D = 0°52'29"
T = 551.84'
L = 1093.41'
R = 3275.00'
PC STA = 1424+34.26GH
PT STA = 1435+27.67GH

EP STA = 1439+63.15GH
Y = 324553.823
X = 650443.485

COLUMBIA COUNTY COORDINATES

BP STA = 1418+45.34GK
Y = 322712.057
X = 649373.685

PI STA = 1430+47.96GK
Y = 323557.727
X = 650228.755
DELTA = 23°46'26"
D = 0°59'16"
T = 610.43'
L = 1203.30'
R = 2900.00'
PC STA = 1424+37.53GK
PT STA = 1436+40.83GK

EP STA = 1441+36.77GK
Y = 323952.586
X = 651262.273

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	ALIGNMENT DETAIL	SHEET 115	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\027202_AD.DWG
LAYOUT NAME - 13

PLOT DATE : 4/27/2018 8:57 AM PLOT BY : JOHNSON, JOHN R PLOT NAME : PLOT SCALE : ######

WISDOT/CADDS SHEET 44

2

2

COLUMBIA COUNTY COORDINATES

BP: 1438+72.59GJ

1440GJ

PC: 1444+74.46GJ

1445GJ

1450GJ

1455GJ

EP: 1455+48.51GJ

PC: 1459+40.51SB

CANADIAN PACIFIC

1440SB

USH 151

1445SB

1450SB

1455SB

1460SB

1440NB

1445NB

1450NB

1455NB

1460NB

1465SB

1465NB

1465GL

1460GL

1455GL

1450GL

1445GL

PI: 1451+86.61GL

N44° 14' 44"E

4077.76'

N44° 14' 56"E

4017.05'

PT: 1455+92.12GL

PI: 1456+03.95GL

PI: 1460+65.99GL

PI: 1464+44.89GL

PC: 1459+14.59NB

PC: 1459+32.23GL

PT: 1461+99.68GL

PC: 1462+13.81GL

PT: 1466+75.64GL

EP: 1467+15.74GL

PC: 1447+77.05GL

BP: 1440+19.29GL

S HILL RD

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	ALIGNMENT DETAIL	SHEET 116	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\027202_AD.DWG
LAYOUT NAME - 14

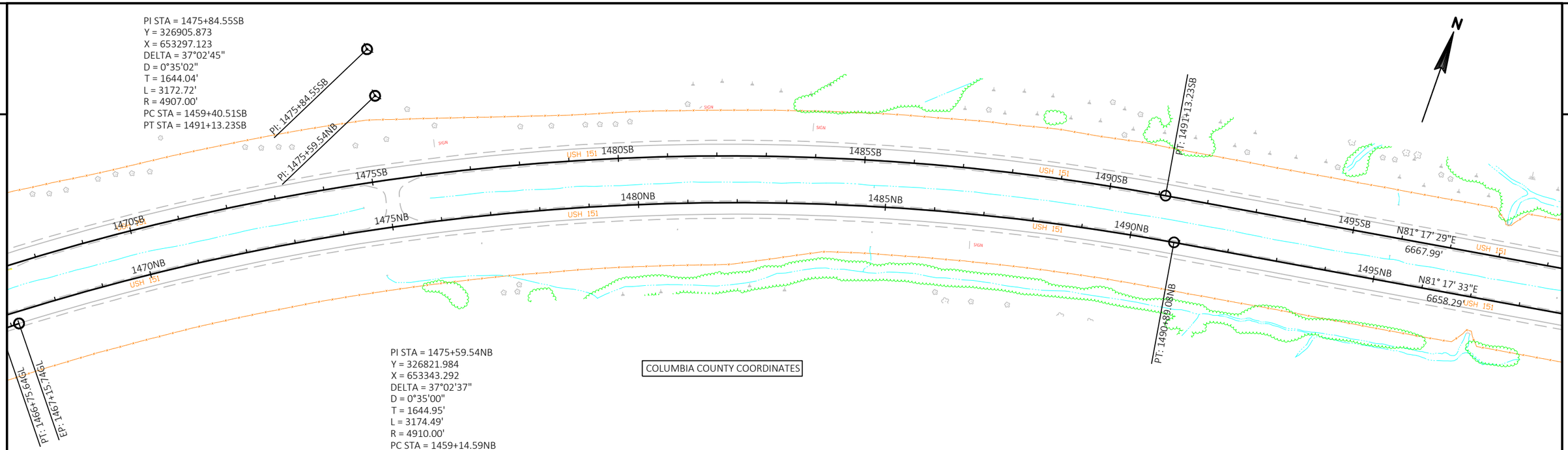
PLOT DATE : 4/27/2018 8:57 AM PLOT BY : JOHNSON, JOHN R PLOT NAME : PLOT SCALE : #######

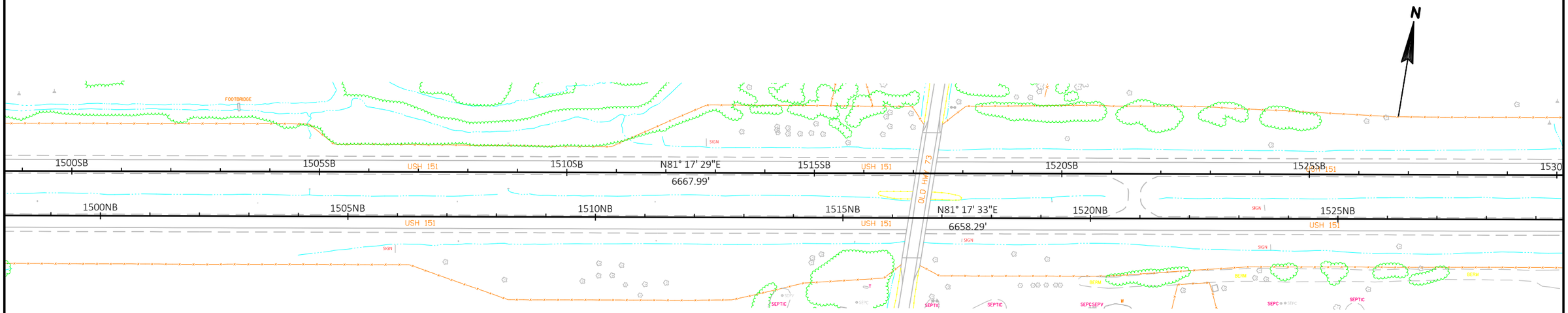
WISDOT/CADDS SHEET 44

PI STA = 1475+84.55SB
Y = 326905.873
X = 653297.123
DELTA = 37°02'45"
D = 0°35'02"
T = 1644.04'
L = 3172.72'
R = 4907.00'
PC STA = 1459+40.51SB
PT STA = 1491+13.23SB

PI STA = 1475+59.54NB
Y = 326821.984
X = 653343.292
DELTA = 37°02'37"
D = 0°35'00"
T = 1644.95'
L = 3174.49'
R = 4910.00'
PC STA = 1459+14.59NB
PT STA = 1490+89.08NB

COLUMBIA COUNTY COORDINATES





PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA\DODGE	ALIGNMENT DETAIL	SHEET 117	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\027202_AD.DWG
LAYOUT NAME - 15
PLOT DATE : 4/27/2018 8:58 AM
PLOT BY : JOHNSON, JOHN R
PLOT NAME :
PLOT SCALE : 1 IN:200 FT

2

BP STA = 1531+81.02KL
Y = 327794.418
X = 658939.463

PI STA = 1548+04.19KL
Y = 328070.731
X = 660538.945
DELTA = 22°25'08"
D = 1°00'16"
T = 565.20'
L = 1115.94'
R = 2852.00'
PC STA = 1542+39.00KL
PT STA = 1553+54.93KL

EP STA = 1556+46.44KL
Y = 328527.500
X = 661263.722

N

COLUMBIA COUNTY COORDINATES

BP: 1531+81.02KL
PC: 1542+39.00KL
PT: 1553+54.93KL
EP: 1556+46.44KL
N57° 46' 48"E
291.51'
1555KL
1550KL
1545KL
1540KL
1535KL
N80° 11' 56"E
1057.98'
N81° 17' 29"E
6667.99'
PI: 1548+04.19KL
PI: 1543+98.24KL
USH 151
1535SB
1540SB
1545SB
1550SB
1555SB
SIGN
INL
N82° 47' 32"E
124.88'
1535NB
1540NB
1545NB
1550NB
1555NB
N81° 17' 29"E
6658.29'
1535KN
1540KN
1545KN
1550KN
1555KN
N82° 25' 42"E
468.32'
BP: 1534+31.01KN
PI: 1535+55.89KN
PC: 1540+24.21KN
PT: 1547+64.35KN
S77° 11' 02"E
721.71'
PC: 103+14.62K
BERM
SEPTIC
STH 73
STH 73
105KK
105K
BP: 1553+47.41KO
EP: 1554+86.06KN

BP STA = 1534+31.01KN
Y = 327704.608
X = 659264.798

PI STA = 1535+5589KN
Y = 327720.277
X = 659388.696

PI STA = 1543+98.24KN
Y = 327831.271
X = 660223.695
DELTA = 20°23'17"
D = 1°22'38"
T = 374.02'
L = 740.14'
R = 2080.00'
PC STA = 1540+24.21KN
PT STA = 1547+64.35KN

EP STA = 1554+86.06KN
Y = 327588.212
X = 661292.127

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DODGE	ALIGNMENT DETAIL	SHEET 118	E

BP STA = 1556+17.29KM
Y = 328584.946
X = 661282.069

PI STA = 1566+87.85KM
Y = 328404.043
X = 662337.235
DELTA = 37°49'50"
D = 1°59'42"
T = 492.08'
L = 948.15'
R = 1436.00'
PC STA = 1561+95.77KM
PT STA = 1571+43.92KM

PI STA = 1574+21.39KM
Y = 328766.539
X = 663016.065
DELTA = 8°10'59"
D = 0°44'19"
T = 277.47'
L = 554.00'
R = 3879.00'
PC STA = 1571+43.92KM
PT STA = 1576+97.92KM

EP STA = 1578+27.51KM
Y = 329007.441
X = 663344.191

PI STA = 1568+65.45SB
Y = 328328.550
X = 662585.048
DELTA = 31°42'52"
D = 0°45'02"
T = 1084.22'
L = 2112.79'
R = 3817.00'
PC STA = 1557+81.23SB
PT STA = 1578+94.02SB

PI STA = 1568+32.33NB
Y = 328243.254
X = 662623.280
DELTA = 31°42'40"
D = 0°45'00"
T = 1084.95'
L = 2114.23'
R = 3820.00'
PC STA = 1557+47.37NB
PT STA = 1578+61.61NB

BP STA = 1553+47.41KO
Y = 327632.457
X = 661316.742

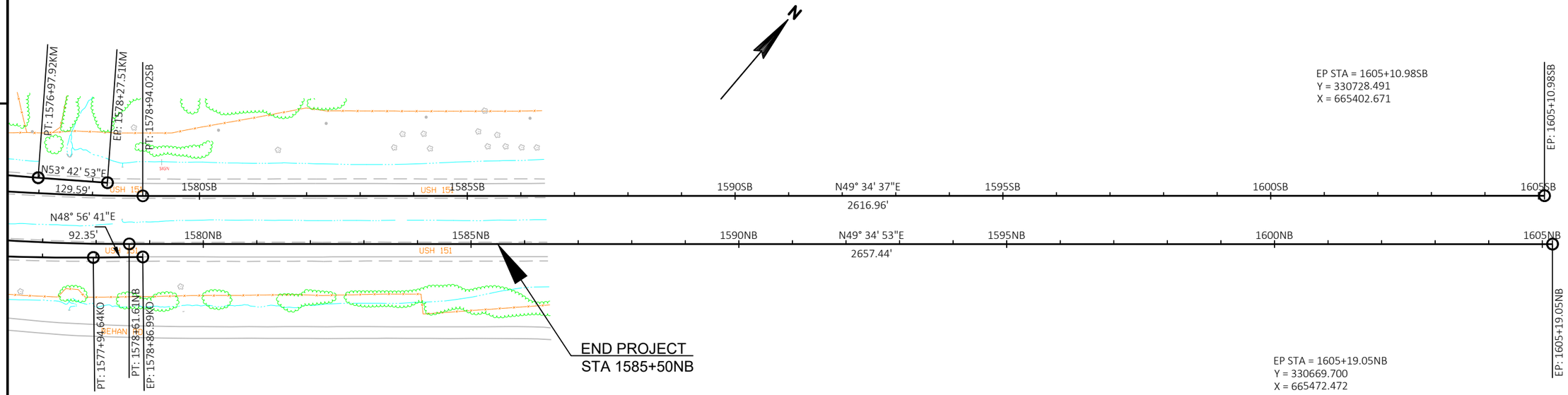
PI STA = 1574+15.63KO
Y = 328633.444
X = 663126.596
DELTA = 12°06'34"
D = 0°47'45"
T = 381.85'
L = 760.86'
R = 3600.00'
PC STA = 1570+33.78KO
PT STA = 1577+94.64KO

EP STA = 1578+86.99KO
Y = 328944.891
X = 663484.176

COLUMBIA COUNTY COORDINATES

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DODGE	ALIGNMENT DETAIL	SHEET 119	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\027202_AD.DWG
LAYOUT NAME - 17
PLOT DATE : 4/27/2018 8:58 AM
PLOT BY : JOHNSON, JOHN R
PLOT NAME :
PLOT SCALE : Custom



PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DODGE	ALIGNMENT DETAIL	SHEET 120	E

BP STA = 90+47.89KK
Y = 328989.592
X = 661256.950

PI STA = 93+09.45KK
Y = 328728.791
X = 661276.804
DELTA = 2°12'36"
D = 0°21'29"
T = 154.31'
L = 308.58'
R = 8000.00'
PC STA = 91+55.14KK
PT STA = 94+63.72KK

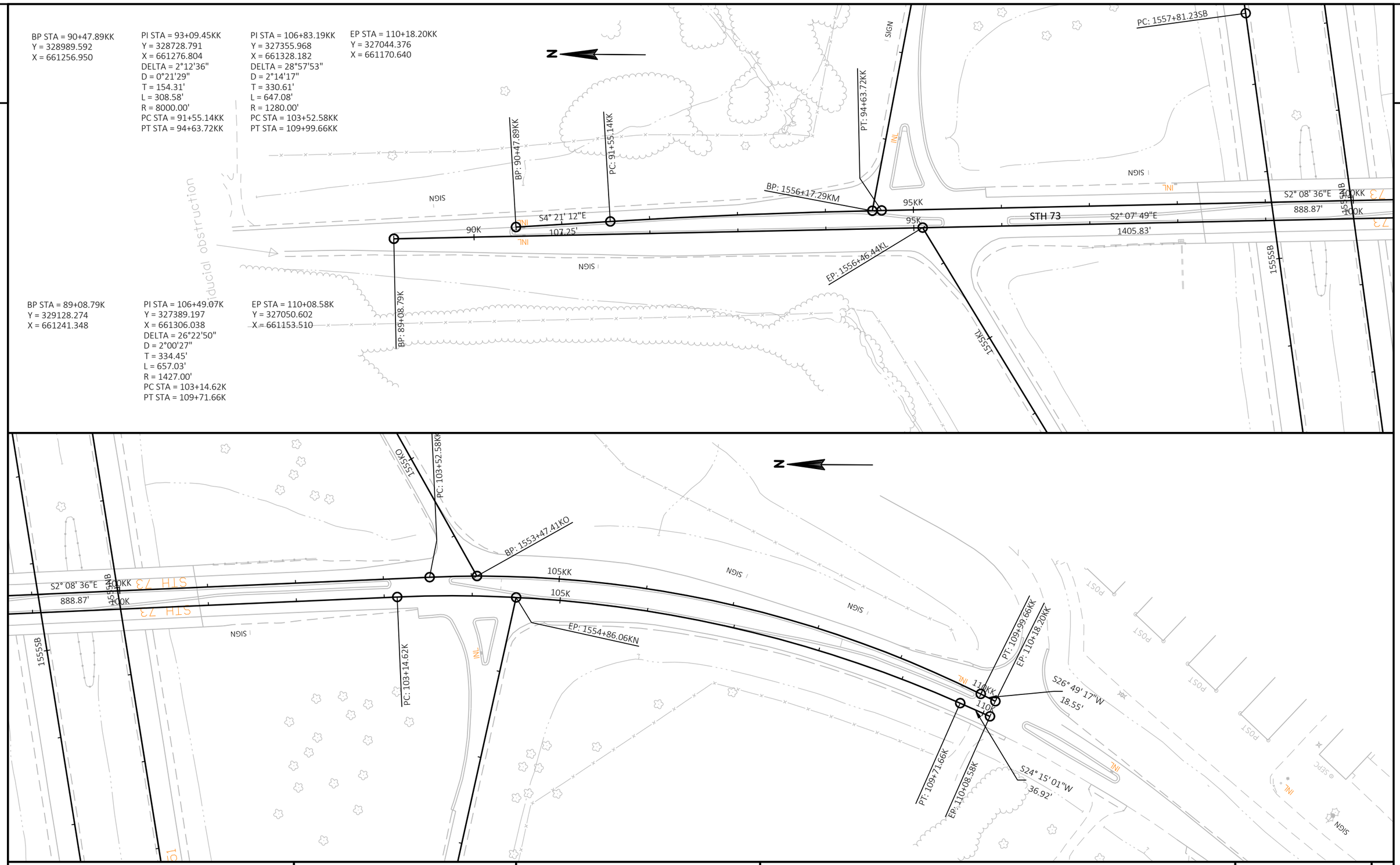
PI STA = 106+83.19KK
Y = 327355.968
X = 661328.182
DELTA = 28°57'53"
D = 2°14'17"
T = 330.61'
L = 647.08'
R = 1280.00'
PC STA = 103+52.58KK
PT STA = 109+99.66KK

EP STA = 110+18.20KK
Y = 327044.376
X = 661170.640

BP STA = 89+08.79K
Y = 329128.274
X = 661241.348

PI STA = 106+49.07K
Y = 327389.197
X = 661306.038
DELTA = 26°22'50"
D = 2°00'27"
T = 334.45'
L = 657.03'
R = 1427.00'
PC STA = 103+14.62K
PT STA = 109+71.66K

EP STA = 110+08.58K
Y = 327050.602
X = 661153.510



PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DODGE	ALIGNMENT DETAIL - STH 73	SHEET 121	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\027203_AD.DWG
LAYOUT NAME - STH 73
PLOT DATE : 5/16/2018 7:28 AM
PLOT BY : JOHNSON, JOHN R
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

1111-03-72

Line	Item	Item Description	Unit	Total	Qty
0002	201.0105	Clearing	STA	4.000	4.000
0004	201.0205	Grubbing	STA	4.000	4.000
0006	204.0100	Removing Pavement	SY	2,675.000	2,675.000
0008	204.0105	Removing Pavement Butt Joints	SY	14,008.000	14,008.000
0010	204.0110	Removing Asphaltic Surface	SY	3,058.000	3,058.000
0012	204.0115	Removing Asphaltic Surface Butt Joints	SY	6,973.000	6,973.000
0014	204.0120	Removing Asphaltic Surface Milling	SY	6,450.000	6,450.000
0016	204.0155	Removing Concrete Sidewalk	SY	15.000	15.000
0018	204.0165	Removing Guardrail	LF	1,340.000	1,340.000
0020	204.0180	Removing Delineators and Markers	EACH	60.000	60.000
0022	204.0220	Removing Inlets	EACH	3.000	3.000
0024	204.0245	Removing Storm Sewer (size) 01. 12-Inch	LF	80.000	80.000
0026	204.9060.S	Removing (item description) 01. Apron Endwall	EACH	7.000	7.000
0028	205.0100	Excavation Common	CY	54.000	54.000
0030	208.0100	Borrow	CY	2,275.000	2,275.000
0032	213.0100	Finishing Roadway (project) 01. 1111-03-72	EACH	1.000	1.000
0034	305.0110	Base Aggregate Dense 3/4-Inch	TON	39,040.000	39,040.000
0036	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	655.000	655.000
0038	330.0100	Mill and Relay	SY	172,499.000	172,499.000
0040	390.0303	Base Patching Concrete	SY	36,695.000	36,695.000
0042	415.0080	Concrete Pavement 8-Inch	SY	2,496.000	2,496.000
0044	415.0410	Concrete Pavement Approach Slab	SY	286.000	286.000
0046	415.6000.S	Rout and Seal	LF	2,810.000	2,810.000
0048	416.0610	Drilled Tie Bars	EACH	8,726.000	8,726.000
0050	416.0620	Drilled Dowel Bars	EACH	63,544.000	63,544.000
0052	416.1710	Concrete Pavement Repair	SY	2,450.000	2,450.000
0054	440.4410	Incentive IRI Ride	DOL	95,000.000	95,000.000
0056	455.0605	Tack Coat	GAL	55,307.000	55,307.000
0058	460.2000	Incentive Density HMA Pavement	DOL	960.000	960.000
0060	460.2005	Incentive Density PWL HMA Pavement	DOL	61,692.000	61,692.000
0062	460.2010	Incentive Air Voids HMA Pavement	DOL	106,974.000	106,974.000
0064	460.4110.S	Reheating HMA Pavement Longitudinal Joints	LF	116,750.000	116,750.000
0066	460.5224	HMA Pavement 4 LT 58-28 S	TON	1,030.000	1,030.000
0068	460.7224	HMA Pavement 4 HT 58-28 S	TON	54,039.000	54,039.000
0070	460.7424	HMA Pavement 4 HT 58-28 H	TON	53,527.000	53,527.000
0072	465.0305	Asphaltic Surface Safety Islands	TON	46.000	46.000
0074	465.0400	Asphaltic Shoulder Rumble Strips	LF	231,860.000	231,860.000
0076	520.8000	Concrete Collars for Pipe	EACH	10.000	10.000
0078	520.8700	Cleaning Culvert Pipes	EACH	5.000	5.000
0080	521.1012	Apron Endwalls for Culvert Pipe Steel 12-Inch	EACH	101.000	101.000

1111-03-72

Line	Item	Item Description	Unit	Total	Qty
0082	521.1618	Apron Endwalls for Culvert Pipe Sloped Side Drains Steel 18-Inch 10 to 1	EACH	10.000	10.000
0084	522.0118	Culvert Pipe Reinforced Concrete Class III 18-Inch	LF	108.000	108.000
0086	530.0112	Culvert Pipe Corrugated Polyethylene 12-Inch	LF	54.000	54.000
0088	604.0500	Slope Paving Crushed Aggregate	SY	325.000	325.000
0090	604.9010.S	Slope Paving Repair Crushed Aggregate	CY	176.000	176.000
0092	604.9015.S	Reseal Crushed Aggregate Slope Paving	SY	7,102.000	7,102.000
0094	606.0200	Riprap Medium	CY	3.000	3.000
0096	608.0312	Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	LF	24.000	24.000
0098	611.0654	Inlet Covers Type V	EACH	1.000	1.000
0100	611.3220	Inlets 2x2-FT	EACH	1.000	1.000
0102	614.0220	Steel Thrie Beam Bullnose Terminal	EACH	2.000	2.000
0104	614.0230	Steel Thrie Beam	LF	664.000	664.000
0106	614.2300	MGS Guardrail 3	LF	2,050.000	2,050.000
0108	614.2500	MGS Thrie Beam Transition	LF	78.000	78.000
0110	614.2610	MGS Guardrail Terminal EAT	EACH	5.000	5.000
0112	614.2620	MGS Guardrail Terminal Type 2	EACH	3.000	3.000
0114	618.0100	Maintenance And Repair of Haul Roads (project) 01. 1111-03-72	EACH	1.000	1.000
0116	619.1000	Mobilization	EACH	1.000	1.000
0118	624.0100	Water	MGAL	168.000	168.000
0120	625.0500	Salvaged Topsoil	SY	83,160.000	83,160.000
0122	628.1504	Silt Fence	LF	500.000	500.000
0124	628.1520	Silt Fence Maintenance	LF	500.000	500.000
0126	628.1905	Mobilizations Erosion Control	EACH	8.000	8.000
0128	628.1910	Mobilizations Emergency Erosion Control	EACH	4.000	4.000
0130	628.2002	Erosion Mat Class I Type A	SY	83,160.000	83,160.000
0132	628.7005	Inlet Protection Type A	EACH	26.000	26.000
0134	628.7015	Inlet Protection Type C	EACH	10.000	10.000
0136	628.7504	Temporary Ditch Checks	LF	1,215.000	1,215.000
0138	628.7555	Culvert Pipe Checks	EACH	146.000	146.000
0140	629.0210	Fertilizer Type B	CWT	141.500	141.500
0142	630.0120	Seeding Mixture No. 20	LB	6,062.400	6,062.400
0144	630.0200	Seeding Temporary	LB	3,032.000	3,032.000
0146	633.0100	Delineator Posts Steel	EACH	502.000	502.000
0148	633.0500	Delineator Reflectors	EACH	502.000	502.000
0150	633.1000	Delineator Brackets	EACH	5.000	5.000
0152	634.0612	Posts Wood 4x6-Inch X 12-FT	EACH	8.000	8.000
0154	634.0614	Posts Wood 4x6-Inch X 14-FT	EACH	58.000	58.000

Line	Item	Item Description	Unit	Total	Qty
0156	634.0616	Posts Wood 4x6-Inch X 16-FT	EACH	54.000	54.000
0158	634.0618	Posts Wood 4x6-Inch X 18-FT	EACH	55.000	55.000
0160	634.0620	Posts Wood 4x6-Inch X 20-FT	EACH	29.000	29.000
0162	635.0200	Sign Supports Structural Steel HS	LB	10,434.000	10,434.000
0164	636.0100	Sign Supports Concrete Masonry	CY	18.000	18.000
0166	636.0500	Sign Supports Steel Reinforcement	LB	1,056.000	1,056.000
0168	637.1220	Signs Type I Reflective SH	SF	3,342.000	3,342.000
0170	637.2210	Signs Type II Reflective H	SF	1,766.880	1,766.880
0172	637.2230	Signs Type II Reflective F	SF	231.250	231.250
0174	638.2601	Removing Signs Type I	EACH	23.000	23.000
0176	638.2602	Removing Signs Type II	EACH	173.000	173.000
0178	638.3000	Removing Small Sign Supports	EACH	225.000	225.000
0180	638.3100	Removing Structural Steel Sign Supports	EACH	11.000	11.000
0182	642.5201	Field Office Type C	EACH	1.000	1.000
0184	643.0300	Traffic Control Drums	DAY	36,955.000	36,955.000
0186	643.0310.S	Temporary Portable Rumble Strips	LS	1.000	1.000
0188	643.0420	Traffic Control Barricades Type III	DAY	2,688.000	2,688.000
0190	643.0705	Traffic Control Warning Lights Type A	DAY	3,146.000	3,146.000
0192	643.0715	Traffic Control Warning Lights Type C	DAY	2,174.000	2,174.000
0194	643.0800	Traffic Control Arrow Boards	DAY	444.000	444.000
0196	643.0900	Traffic Control Signs	DAY	8,796.000	8,796.000
0198	643.0910	Traffic Control Covering Signs Type I	EACH	19.000	19.000
0200	643.0920	Traffic Control Covering Signs Type II	EACH	177.000	177.000
0202	643.1050	Traffic Control Signs PCMS	DAY	442.000	442.000
0204	643.5000	Traffic Control	EACH	1.000	1.000
0206	645.0120	Geotextile Type HR	SY	11.000	11.000
0208	646.1020	Marking Line Epoxy 4-Inch	LF	14,176.000	14,176.000
0210	646.1040	Marking Line Grooved Wet Ref Epoxy 4-Inch	LF	255,342.000	255,342.000
0212	646.1555	Marking Line Grooved Contrast Permanent Tape 4-Inch	LF	29,125.000	29,125.000
0214	646.3020	Marking Line Epoxy 8-Inch	LF	710.000	710.000
0216	646.3555	Marking Line Grooved Contrast Permanent Tape 8-Inch	LF	11,571.000	11,571.000
0218	646.5520	Marking Outfall Epoxy	EACH	511.000	511.000
0220	646.6120	Marking Stop Line Epoxy 18-Inch	LF	197.000	197.000
0222	646.7120	Marking Diagonal Epoxy 12-Inch	LF	44.000	44.000
0224	646.7220	Marking Chevron Epoxy 24-Inch	LF	1,000.000	1,000.000
0226	646.9000	Marking Removal Line 4-Inch	LF	5,412.000	5,412.000
0228	646.9100	Marking Removal Line 8-Inch	LF	375.000	375.000
0230	646.9200	Marking Removal Line Wide	LF	116.000	116.000
0232	646.9400	Marking Removal Plowable Raised Pavement Markers	EACH	1,387.000	1,387.000
0234	649.0120	Temporary Marking Line Epoxy 4-Inch	LF	512,825.000	512,825.000

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Line	Item	Item Description	Unit	Total	Qty
0236	649.0220	Temporary Marking Line Epoxy 8-Inch	LF	23,242.000	23,242.000
0238	650.4000	Construction Staking Storm Sewer	EACH	2.000	2.000
0240	650.6000	Construction Staking Pipe Culverts	EACH	5.000	5.000
0242	650.7000	Construction Staking Concrete Pavement	LF	1,405.000	1,405.000
0244	650.8000	Construction Staking Resurfacing Reference	LF	142,622.000	142,622.000
0246	650.9910	Construction Staking Supplemental Control (project) 01. 1111-03-72	LS	1.000	1.000
0248	650.9920	Construction Staking Slope Stakes	LF	132,107.000	132,107.000
0250	690.0150	Sawing Asphalt	LF	116.000	116.000
0252	690.0250	Sawing Concrete	LF	139,076.000	139,076.000
0254	715.0415	Incentive Strength Concrete Pavement	DOL	835.000	835.000
0256	715.0710	Optimized Aggregate Gradation Incentive	DOL	2,752.000	2,752.000
0258	801.0117	Railroad Flagging Reimbursment	DOL	5,000.000	5,000.000
0260	ASP.1T0A	On-the-Job Training Apprentice at $5.00/HR	HRS	1,600.000	1,600.000
0262	ASP.1T0G	On-the-Job Training Graduate at $5.00/HR	HRS	875.000	875.000
0264	SPV.0035	Special 01. Cement Slurry Mixture	CY	50.000	50.000
0266	SPV.0060	Special 01. Concrete Pavement Raising and Filling Void	EACH	10.000	10.000
0268	SPV.0060	Special 03. Storm Sewer Tap	EACH	1.000	1.000
0270	SPV.0060	Special 04. Verify Landmark Reference Monuments	EACH	2.000	2.000
0272	SPV.0060	Special 05. HMA PWL Test Strip Volumetrics	EACH	2.000	2.000
0274	SPV.0060	Special 06. HMA PWL Test Strip Density	EACH	2.000	2.000
0276	SPV.0090	Special 01. Concrete Joint and Crack Cleaning and Repair	LF	13,600.000	13,600.000
0278	SPV.0090	Special 02. Removing HMA Pavement Notched Wedge Longitudinal Joint	LF	233,500.000	233,500.000
0280	SPV.0090	Special 03. Profile Curb Cut	LF	432.000	432.000
0282	SPV.0090	Special 04. Concrete Curb Integral Type TBT	LF	35.000	35.000
0284	SPV.0105	Special 01. Cleaning Box Culvert B-11-86	LS	1.000	1.000

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201-CLEARING AND GRUBBING

CATEGORY	STATION	TO	STATION	LOCATION	201.0105 CLEARING STA	201.0205 GRUBBING STA	REMARKS
0010	889+50 SB	-	891+00 SB	LT	2	2	8 trees within 32' of the edge of driving lane. Trees have 7-9" diameter.
0010	895+00 NB	-	897+00 NB	RT	2	2	6 trees within 30' of the edge of the driving lane. Trees have 12-15" diameter.
				TOTAL 0010	4	4	

REMOVING PAVEMENT

CATEGORY	STATION	TO	STATION	LOCATION	204.0100 SY
0010	131917 DF	-	133315 DF		2330
0010	9791 K	-	9802 K	RT SHOULDER	12
0010				B-11-77 APPROACHES	158
0010				B-11-79 APPROACHES	175
				TOTAL 0010	2675

REMOVING ASPHALTIC SURFACE

CATEGORY	STATION	TO	STATION	LOCATION	204.0110 SY
0010	2545 VN	-	4100 VN		1700
0010	9775 K	-	9791 K	RT SHOULDER	18
0010	131918 DF	-	133316 DF		1250
0010				B-11-77 APPROACHES	40
0010				B-11-79 APPROACHES	50
				TOTAL 0010	3058

REMOVING ASPHALTIC SURFACE MILLING

CATEGORY	STATION	TO	STATION	LOCATION	204.0120 SY
0010	99500 NB	-	99800 NB		1275
0010	111585 NB	-	111885 NB		1275
0010	10093 K	-	10725 K		3900
				TOTAL 0010	6450

REMOVING CONCRETE SIDEWALK

CATEGORY	STATION	TO	STATION	LOCATION	204.0155 SY
0010	3084 VN	-	3089 VN	LT	8
0010	3639 VN	-	3646 VN	LT	7
				TOTAL 0010	15

690-SAWING

CATEGORY	STATION	TO	STATION	LOCATION	690.0150 SAWING ASPHALT LF	690.0250 SAWING CONCRETE LF
0010				NB MAINLINE	-	73480
0010				SB MAINLINE	-	47480
0010	25+45 VN	-	41+00 VN		6	5330
0010	30+85 VN			MEDIAN	-	14
0010	31+93 VN			MEDIAN	15	-
0010	35+37 VN			MEDIAN	15	-
0010	36+45 VN			MEDIAN	-	9
0010	98+00 K			RT	-	10
0010	97+75 K			RT SHOULDER	10	-
0010	97+75 K	-	98+00 K	RT	10	35
0010	1319+17 DF				8	15
0010	1333+15 DF				8	15
0010				CTH VV INTERCHANGE RAMPS	-	4000
0010				SOUTH STH 73 INTERCHANGE RAMPS	-	2440
0010				STH 16/60 NB RAMPS	-	2670
0010				NORTH STH 73 INTERCHANGE RAMPS	-	3280
0010				B-11-77 APPROACHES	14	151
0010				B-11-79 APPROACHES	30	147
				TOTAL 0010	116	139076

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REMOVING ASPHALTIC SURFACE BUTT JOINTS

CATEGORY	STATION		LOCATION	204.0115 SY
0010	74508	NB	MAINLINE	200
0010	86074	NB	MAINLINE	200
0010	86182	NB	MAINLINE	200
0010	92204	NB	MAINLINE	200
0010	92486	NB	MAINLINE	200
0010	120257	NB	MAINLINE	200
0010	120485	NB	MAINLINE	200
0010	135970	NB	MAINTENANCE CROSSOVER	95
0010	140040	NB	MAINTENANCE CROSSOVER	67
0010	141131	NB	MAINLINE	200
0010	141372	NB	MAINLINE	200
0010	143860	NB	MAINLINE	200
0010	144080	NB	MAINLINE	200
0010	146189	NB	MAINLINE	200
0010	146399	NB	MAINLINE	200
0010	147505	NB	MAINTENANCE CROSSOVER	78
0010	152090	NB	MAINTENANCE CROSSOVER	70
0010	153724	NB	MAINLINE	200
0010	153912	NB	MAINLINE	200
0010	158550	NB	MAINLINE	200
0010	74322	SB	MAINLINE	200
0010	89350	SB	MAINLINE	200
0010	89448	SB	MAINLINE	200
0010	92388	SB	MAINLINE	200
0010	92656	SB	MAINLINE	200
0010	99500	SB	MAINLINE	200
0010	111885	SB	MAINLINE	200
0010	120370	SB	MAINLINE	200
0010	120595	SB	MAINLINE	200
0010	133000	SB	MAINLINE	200
0010	92575	VG	RAMP	133
0010	92975	VH	RAMP	133
0010	91775	VJ	RAMP	133
0010	91975	VK	RAMP	133
0010	131569	DJ	RAMP	133
0010	132258	DK	RAMP	133
0010	132630	DL	RAMP	133
0010	143506	GK	RAMP	133
0010	144372	GL	RAMP	133
0010	155234	KN	RAMP	133
0010	156110	KO	RAMP	133
			TOTAL 0010	6973

REMOVING PAVEMENT BUTT JOINTS

CATEGORY	STATION		LOCATION	204.0105 SY
0010	74508	NB	MAINLINE	433
0010	86074	NB	MAINLINE	433
0010	86182	NB	MAINLINE	433
0010	92204	NB	MAINLINE	433
0010	92486	NB	MAINLINE	433
0010	120257	NB	MAINLINE	433
0010	120485	NB	MAINLINE	433
0010	141131	NB	MAINLINE	433
0010	141372	NB	MAINLINE	433
0010	143860	NB	MAINLINE	433
0010	144080	NB	MAINLINE	433
0010	146189	NB	MAINLINE	433
0010	146399	NB	MAINLINE	433
0010	153724	NB	MAINLINE	433
0010	153912	NB	MAINLINE	433
0010	158550	NB	MAINLINE	433
0010	74322	SB	MAINLINE	433
0010	89350	SB	MAINLINE	433
0010	89448	SB	MAINLINE	433
0010	92388	SB	MAINLINE	433
0010	92656	SB	MAINLINE	433
0010	99500	SB	MAINLINE	433
0010	111885	SB	MAINLINE	433
0010	120370	SB	MAINLINE	433
0010	120595	SB	MAINLINE	433
0010	133000	SB	MAINLINE	433
0010	92575	VG	RAMP	250
0010	92975	VH	RAMP	250
0010	91775	VJ	RAMP	250
0010	91975	VK	RAMP	250
0010	131569	DJ	RAMP	250
0010	132258	DK	RAMP	250
0010	132630	DL	RAMP	250
0010	143506	GK	RAMP	250
0010	144372	GL	RAMP	250
0010	155234	KN	RAMP	250
0010	156110	KO	RAMP	250
			TOTAL 0010	14008

MARKING REMOVAL PLOWABLE RAISED PAVEMENT MARKERS

CATEGORY	STATION		TO	STATION		LOCATION	646.9400 EACH
0010	74508	NB	-	99500	NB		250
0010	111885	NB	-	158550	NB		466
0010	74322	SB	-	99500	SB		251
0010	111885	SB	-	133000	SB		210
0010						VJ-LINE	35
0010						VH-LINE	35
0010						DK-LINE	35
0010						DF-LINE	35
0010						GK-LINE	35
0010						KN-LINE	35
						TOTAL 0010	1387

SPECIAL(02. REMOVING HMA PAVEMENT NOTCHED WEDGE LONGITUDINAL JOINT)

CATEGORY	STATION		TO	STATION		LOCATION	SPV.0090.02 LF
0010	745+08	NB	-	1585+50	NB	CENTERLINE	142114
0010	743+22	SB	-	1330+00	SB	CENTERLINE	91386
						TOTAL 0010	233500

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205-EARTHWORK

CATEGORY	STATION		TO	STATION		LOCATION	(1) 205.0100 EXCAVATION COMMON CY	(2) UNUSABLE MATERIAL	(3) AVAILABLE MATERIAL	(4) UNEXPANDED FILL	(5) FILL VOLUME REQUIRING BAD 3/4-INCH	(6) FILL VOLUME REQUIRING COMMON OR BORROW	(7) EXPANDED FILL (FACTOR = 1.25)	(8) 208.0100 BORROW CY	(9) MASS ORDINATE BALANCE
0010	745+00	NB	-	998+00	NB	USH 151 NB MAINLINE	0	0	0	4068	3472	596	745	745	-745
0010	1115+85	NB	-	1585+50	NB	USH 151 NB MAINLINE	0	0	0	3331	3161	170	213	213	-213
0010	743+22	SB	-	995+00	SB	USH 151 SB MAINLINE	0	0	0	3513	3076	437	546	546	-546
0010	1118+85	SB	-	1330+00	SB	USH 151 SB MAINLINE	7	7	0	1660	1564	96	120	120	-113
0010	817+20	NB				MAINTENANCE CROSSING	0	0	0	10	0	10	13	13	-13
0010	902+92	NB				MAINTENANCE CROSSING	0	0	0	12	0	12	15	15	-15
0010	950+75	NB				MAINTENANCE CROSSING	0	0	0	6	0	6	8	8	-8
0010	1288+04	NB				MAINTENANCE CROSSING	0	0	0	5	0	5	6	6	-6
0010	902+83	SB				MAINTENANCE CROSSING	0	0	0	5	0	5	6	6	-6
0010	29+36	VN	-	37+94	VN	CTH VV MEDIAN	47	27	20	0	0	0	0	0	47
0010	906+00	VJ	-	917+75	VJ	CTH VV/USH 151 NB EXIT RAMP	0	0	0	322	160	162	203	203	-203
0010	919+75	VK	-	935+00	VK	CTH VV/USH 151 NB ENTRANCE RAMP	0	0	0	198	179	19	24	24	-24
0010	929+75	VH	-	939+00	VH	CTH VV/USH 151 SB EXIT RAMP	0	0	0	47	47	0	0	0	0
0010	915+00	VG	-	927+75	VG	CTH VV/USH 151 SB ENTRANCE RAMP	0	0	0	144	92	52	65	65	-65
0010	1309+45	DK	-	1322+58	DK	STH 73/USH 151 NB EXIT RAMP	0	0	0	148	127	21	26	26	-26
0010	1326+30	DL	-	1336+00	DL	STH 73/USH 151 NB ENTRANCE RAMP	0	0	0	68	68	0	0	0	0
0010	1306+16	DJ	-	1315+69	DJ	STH 73/USH 151 SB ENTRANCE RAMP	0	0	0	363	156	207	259	259	-259
0010	1319+17	DF	-	1333+00	DF	STH 73/USH 151 SB EXIT RAMP	0	0	0	31	31	0	0	0	0
0010	1427+70	GK	-	1435+05	GK	STH 16/USH 151 NB EXIT RAMP	0	0	0	42	42	0	0	0	0
0010	1443+72	GL	-	1454+47	GL	STH 16/USH 151 NB ENTRANCE RAMP	0	0	0	33	33	0	0	0	0
0010	1542+92	KN	-	1552+34	KN	STH 73/USH 151 NB EXIT RAMP	0	0	0	65	65	0	0	0	0
0010	1561+10	KO	-	1567+64	KO	STH 73/USH 151 NB ENTRANCE RAMP	0	0	0	42	42	0	0	0	0
0010	100+96	K	-	107+25	KO	NORTH STH 73	0	0	0	42	21	21	26	26	-26
						TOTAL 0010	54	34	20	14155	12336	1819	2275	2275	-2221

305-BASE MATERIAL

CATEGORY	STATION		TO	STATION		LOCATION	305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	330.0100 MILL AND RELAY SY	REMARKS
0010	745+08	NB	-	995+00	NB		9593	-	33325	
0010	817+20	NB				LT	10	-	-	
0010	902+90	NB				LT	58	-	-	
0010	950+75	NB				LT	18	-	-	
0010	1118+85	NB	-	1585+50	NB		10838	-	62225	
0010	1155+60	NB				LT	16	-	-	
0010	1288+10	NB				LT	17	-	-	
0010	1359+70	NB				LT	12	-	-	
0010	1400+40	NB				LT	11	-	-	
0010	1475+05	NB				LT	16	-	-	
0010	1520+90	NB				LT	14	-	-	
0010	743+22	SB	-	995+00	SB		8787	-	33575	
0010	1118+85	SB	-	1330+00	SB		5238	-	28155	
0010	25+45	VN	-	41+00	VN	VN LINE	100	-	-	
0010	100+93	K	-	107+25	K	K LINE	147	-	-	
0010						VJ LINE	525	-	1400	
0010						VG LINE	317	-	1711	
0010						VK LINE	660	-	1867	
0010						VH LINE	172	-	1133	
0010						DJ LINE	433	-	1574	
0010						DK LINE	473	-	1476	
0010	1319+17	DF	-	1333+15	DF	DF LINE	143	600	-	
0010						DL LINE	383	-	1662	
0010						GK LINE	246	-	895	
0010						GL LINE	281	-	1447	
0010						KN LINE	280	-	1023	
0010						KO LINE	252	-	1031	
0010						B-11-77	-	26	-	APPROACH SLAB
0010						B-11-79	-	29	-	APPROACH SLAB
						TOTAL 0010	39040	655	172499	

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415-APPROACH SLAB ITEMS

CATEGORY	LOCATION	415.0410 CONCRETE PAVEMENT APPROACH SLAB SY	SPV.0035.01 SPECIAL (CEMENT SLURRY MIXTURE) CY	SPV.0060.01 SPECIAL (CONCRETE PAVEMENT RAISING AND FILLING VOID) EACH
0010	B-11-73	-	10	2
0010	B-11-76	-	10	2
0010	B-11-77	124	-	-
0010	B-11-79	162	-	-
0010	B-13-283	-	10	2
0010	B-13-284	-	10	2
0010	B-13-293	-	10	2
	TOTAL 0010	286	50	10

TEMPORARY PORTABLE RUMBLE STRIPS

CATEGORY	LOCATION	643.0310.S LS	REMARKS
0010	PROJECT	1	FOR FLAGGING ON STH 73
	TOTAL 0010	1	

604-SLOPE PAVING

CATEGORY	LOCATION	604.0500 SLOPE PAVING CRUSHED AGGREGATE SY	604.9010.S SLOPE PAVING REPAIR CRUSHED AGGREGATE CY	604.9015.S RESEAL CRUSHED AGGREGATE SLOPE PAVING SY
0010	B-11-0073	-	11	440
0010	B-11-0074	270	9	462
0010	B-11-0075	-	11	473
0010	B-11-0076	-	14	550
0010	B-11-0077	-	10	415
0010	B-11-0078	-	10	415
0010	B-11-0079	-	17	676
0010	B-11-0080	-	17	676
0010	B-11-0081	-	8	310
0010	B-11-0082	-	11	440
0010	B-13-0283	-	8	310
0010	B-13-0284	-	8	294
0010	B-13-0285	55	6	245
0010	B-13-0288	-	15	580
0010	B-13-0290	-	5	196
0010	B-14-0006	-	16	620
	TOTAL 0010	325	176	7102

415-CONCRETE ITEMS

CATEGORY	STATION	TO	STATION	LOCATION	390.0303 BASE PATCHING SY	415.0080 CONCRETE PAVEMENT 8-INCH SY	416.0610 DRILLED TIE BARS EACH	416.0620 DRILLED DOWEL BARS EACH	416.1710 CONCRETE PAVEMENT REPAIR SY
0010				NB MAINLINE	20700	-	5000	33400	-
0010				SB MAINLINE	13375	-	3240	21580	-
0010	97+75 K	-	98+00 K	RT	-	30	11	18	-
0010				CTH VV INTERCHANGE RAMPS	1150	-	-	1910	-
0010	25+45 VN	-	41+00 VN	CTH VV & RAMP INTERSECTIONS	-	-	370	2420	1500
0010				SOUTH STH 73 INTERCHANGE RAMPS	700	-	-	1160	-
0010	1319+17 DF	-	1333+15 DF		-	2330	-	28	-
0010				GK-LINE & GL-LINE	370	-	-	610	-
0010	1424+00 GH	-	1437+00 GH		-	-	-	360	220
0010	1444+00 GJ	-	1455+00 GJ		-	-	-	300	180
0010				KN-LINE & KO-LINE	400	-	20	830	100
0010	1542+50 KL	-	1556+25 KL		-	-	20	390	230
0010	1556+40 KM	-	1569+50 KM		-	-	20	380	220
0010				B-11-77 APPROACH	-	73	20	72	-
0010				B-11-79 APPROACH	-	63	25	86	-
				TOTAL 0010	36695	2496	8726	63544	2450

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460-ASPHALT PAVEMENT

CATEGORY	STATION	TO	STATION	LOCATION	415.6000.S ROUT AND SEAL LF	455.0605 TACK COAT GAL	460.5224 HMA PAVEMENT 4 LT 58-28 S TON	460.7224 HMA PAVEMENT 4 HT 58-28 S TON	460.7424 HMA PAVEMENT 4 HT 58-28 H TON
0010	745+08 NB	-	998+00 NB		-	10792	-	10465	10465
0010	817+20 NB			MAINTENANCE CROSSING	-	29	-	40	-
0010	902+90 NB			MAINTENANCE CROSSING	-	124	-	173	-
0010	950+75 NB			MAINTENANCE CROSSING	-	40	-	56	-
0010	1115+85 NB	-	1585+50 NB		-	20039	-	19450	19450
0010	1155+60 NB			MAINTENANCE CROSSING	-	36	-	50	-
0010	1288+10 NB			MAINTENANCE CROSSING	-	40	-	55	-
0010	1359+70 NB			MAINTENANCE CROSSING	-	36	-	35	-
0010	1400+40 NB			MAINTENANCE CROSSING	-	28	-	29	-
0010	1475+05 NB			MAINTENANCE CROSSING	-	38	-	40	-
0010	1520+90 NB			MAINTENANCE CROSSING	-	33	-	34	-
0010	743+22 SB	-	995+00 SB		-	10743	-	10418	10418
0010	1118+85 SB	-	1330+00 SB		-	9009	-	8737	8737
0010	100+93 K	-	107+25 K		-	-	373	-	-
0010				VJ LINE	-	394	-	402	402
0010				VG LINE	-	483	-	494	494
0010	25+45 VN	-	41+00 VN		-	-	366	-	-
0010				VK LINE	-	531	-	547	547
0010				VH LINE	-	309	-	317	317
0010				DJ LINE	-	433	-	443	443
0010				DK LINE	-	431	-	453	453
0010	1319+17 DF	-	1333+15 DF		2810	-	291	-	-
0010				DL LINE	-	446	-	469	469
0010				GK LINE	-	302	-	315	315
0010				GL LINE	-	404	-	408	408
0010				KN LINE	-	302	-	310	310
0010				KO LINE	-	285	-	299	299
				TOTAL 0010	2810	55307	1030	54039	53527

ASPHALTIC SURFACE SAFETY ISLANDS

CATEGORY	STATION	TO	STATION	LOCATION	465.0305 TON
0010	30+85 VN	-	31+93 VN	MEDIAN	28
0010	35+37 VN	-	36+45 VN	MEDIAN	18
				TOTAL 0010	46

REHEATING HMA PAVEMENT LONGITUDINAL JOINTS

CATEGORY	STATION	TO	STATION	LOCATION	460.4110.S LF
0010	745+08 NB	-	1585+50 NB	CENTERLINE	71057
0010	743+22 SB	-	1330+00 SB	CENTERLINE	45693
				TOTAL 0010	116750

ASPHALTIC SHOULDER RUMBLE STRIPS

CATEGORY	STATION	TO	STATION	LOCATION	465.0400 LF
0010	745+08 NB	-	1585+50 NB		140914
0010	743+22 SB	-	1330+00 SB		90946
				TOTAL 0010	231860

460-PWL ITEMS

CATEGORY	LOCATION	460.2000 INCENTIVE DENSITY HMA PAVEMENT DOL	460.2005 INCENTIVE DENSITY PWL HMA PAVEMENT DOL	460.2010 INCENTIVE AIR VOIDS HMA PAVEMENT DOL	SPV.0060.05 SPECIAL (05. HMA PWL TEST STRIP VOLUMETRICS) EACH	SPV.0060.06 SPECIAL (06. HMA PWL TEST STRIP DENSITY) EACH
0010	PROJECT	960	61692	106974	2	2
	TOTAL 0010	960	61692	106974	2	2

3

CLEANING CULVERT PIPES

CATEGORY	STATION		LOCATION	520.8700 EACH
0010	817+20	NB	MEDIAN	1
0010	902+92	NB	MEDIAN	1
0010	950+75	NB	MEDIAN	1
0010	1288+04	NB	MEDIAN	1
0010	902+83	SB	MEDIAN	1
			TOTAL 0010	5

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522-CULVERT PIPE ITEMS

CATEGORY	STATION		TO	STATION		LOCATION	204.0220 REMOVING INLETS EACH	204.0245 REMOVING STORM SEWER (12· INCH) LF	204.9060.S REMOVING APRON ENDWALL EACH	520.8000 CONCRETE COLLARS FOR PIPE EACH	521.1012 APRON ENDWALLS FOR CULVERT EACH	521.1618 APRON ENDWALLS FOR CULVERT PIPE SLOPED SIDE DRAINS STEEL 18-INCH 10 TO 1 EACH	522.0118 CULVERT PIPE REINFORCED CONCRETE CLASS III 18-INCH LF	530.0112 CULVERT PIPE CORRUGATED POLYETHYLENE 12-INCH LF
0010	817+20	NB				LT	1	-	1	2	-	2	32	-
0010	1288+04	NB				LT	2	-	-	2	-	2	24	-
0010	902+92	NB				LT	-	-	2	2	-	2	24	-
0010	950+75	NB				LT	-	-	2	2	-	2	12	-
0010	902+83	SB				RT	-	-	2	2	-	2	16	-
0010	97+81	K				RT	-	-	-	-	1	-	-	54
0010	97+84	K	-	98+00	K	RT	-	-	-	-	-	-	-	-
0010	98+04	K				RT	-	80	-	-	-	-	-	-
						TOTAL 0010	3	80	7	10	1	10	108	54

522-CULVERT PIPE ITEMS (CONTINUED)

CATEGORY	STATION		TO	STATION		LOCATION	606.0200 RIPRAP MEDIUM CY	608.0312 STORM SEWER PIPE REINFORCED CONCRETE CLASS LF	611.0654 INLET COVERS TYPE V EACH	611.3220 INLETS 2X2-FT EACH	645.0120 GEOTEXTILE TYPE HR SY	SPV.0060.03 STORM SEWER TAP EACH
0010	817+20	NB				LT	-	-	-	-	-	-
0010	1288+04	NB				LT	-	-	-	-	-	-
0010	902+92	NB				LT	-	-	-	-	-	-
0010	950+75	NB				LT	-	-	-	-	-	-
0010	902+83	SB				RT	-	-	-	-	-	-
0010	97+81	K				RT	3	-	1	1	11	-
0010	97+84	K	-	98+00	K	RT	-	24	-	-	-	-
0010	98+04	K				RT	-	-	-	-	-	1
						TOTAL 0010	3	24	1	1	11	1

614-GUARDRAIL ITEMS

CATEGORY	STATION		TO	STATION		LOCATION	204.0165 REMOVING GUARDRAIL LF	614.0220 STEEL THRIE BEAM BULLNOSE TERMINAL EACH	614.0230 STEEL THRIE BEAM LF	614.2300 MGS GUARDRAIL 3 LF	614.2500 MGS THRIE BEAM TRANSITION LF	614.2610 MGS GUARDRAIL TERMINAL EAT EACH	614.2620 MGS GUARDRAIL TERMINAL TYPE 2 EACH
0010	772+50	SB	-	782+03	SB	LT	-	-	-	900	-	1	1
0010	829+50	SB	-	836+03	SB	LT	-	-	-	600	-	1	1
0010	30+90	VN	-	36+40	VN	LT	1100	-	-	-	-	-	-
0010	31+46	VN	-	35+84	VN	LT	-	2	664	-	-	-	-
0010	96+90	K	-	98+09	K	RT	120	-	-	25	39	1	-
0010	101+06	K	-	102+25	K	LT	120	-	-	25	39	1	-
0010	911+50	VG	-	916+03	VG	LT	-	-	-	500	-	1	1
						TOTAL 0010	1340	2	664	2050	78	5	3

650-CONSTRUCTION STAKING

CATEGORY	STATION		TO	STATION		LOCATION	650.4000 CONSTRUCTION STAKING STORM SEWER EACH	650.6000 CONSTRUCTION STAKING PIPE CULVERTS EACH	650.7000 CONSTRUCTION STAKING CONCRETE PAVEMENT LF	650.8000 CONSTRUCTION STAKING RESURFACING REFERENCE LF	650.9910 CONSTRUCTION STAKING SUPPLEMENTAL CONTROL (1111-03-72) LS	650.9920 CONSTRUCTION STAKING SLOPE STAKES LF
0010	745+08	NB	-	998+00	NB		-	-	-	25292	-	25292
0010	817+20	NB				RT	-	1	-	-	-	-
0010	902+92	NB				RT	-	1	-	-	-	-
0010	950+75	NB				RT	-	1	-	-	-	-
0010	1115+85	NB	-	1585+50	NB		-	-	-	46965	-	46965
0010	1288+04	NB				RT	-	1	-	-	-	-
0010	743+22	SB	-	995+00	SB		-	-	-	25178	-	25178
0010	902+83	SB				RT	-	1	-	-	-	-
0010	1118+85	SB	-	1330+00	SB		-	-	-	21115	-	21115
0010	97+81	K	-	98+04	K		2	-	-	-	-	-
0010	100+93	K	-	107+25	K		-	-	-	632	-	632
0010	899+59	VJ	-	917+75	VJ		-	-	-	1816	-	1175
0010	901+70	VG	-	927+75	VG		-	-	-	2605	-	1275
0010	919+75	VK	-	948+20	VK		-	-	-	2845	-	1525
0010	929+75	VH	-	944+04	VH		-	-	-	1429	-	925
0010	1291+89	DJ	-	1315+69	DJ		-	-	-	2380	-	953
0010	1299+73	DK	-	1322+58	DK		-	-	-	2285	-	1313
0010	1319+17	DF	-	1333+15	DF		-	-	1405	-	-	1383
0010	1326+30	DL	-	1351+43	DL		-	-	-	2513	-	970
0010	1418+46	GK	-	1435+06	GK		-	-	-	1660	-	735
0010	1443+72	GL	-	1467+00	GL		-	-	-	2328	-	1075
0010	1534+31	KN	-	1552+34	KN		-	-	-	1803	-	942
0010	1561+10	KO	-	1578+86	KO		-	-	-	1776	-	654
0010						PROJECT	-	-	-	-	1	-
						TOTAL 0010	2	5	1405	142622	1	132107

643-TRAFFIC CONTROL

LOCATION/STAGE	DURATION DAYS*	643.0300 TRAFFIC CONTROL DRUMS PER DAY*	643.0300 DAY	643.0420 TRAFFIC CONTROL BARRICADES TYPE III PER DAY*	643.0420 DAY	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A PERD DAY	643.0705 DAY	643.0715 TRAFFIC CONTROL WARNING LIGHTS TYPE C PER DAY*	643.0715 DAY	643.0800 TRAFFIC CONTROL ARROW BOARDS PER DAY*	643.0800 DAY	643.0900 TRAFFIC CONTROL SIGNS PER DAY*	643.0900 DAY	NUMBER OF CYCLES	NUMBER OF SIGNS	643.0910 TRAFFIC CONTROL COVERING SIGNS TYPE I EACH	NUMBER OF SIGNS	643.0920 TRAFFIC CONTROL COVERING SIGNS TYPE II EACH	643.1050 TRAFFIC CONTROL SIGNS PCMS DAY	REMARKS
MAINLINE USH 151																					
1A & 1B	70	85	5950	4	280	8	560	17	1190	2	140	22	1540	-	-	-	-	-	-	
2A	6	350	2100	24	144	-	-	-	-	4	24	74	444	-	-	-	-	-	-	2 SEPARATE LANE CLOSURES
2B	10	300	3000	20	200	-	-	-	-	4	40	70	700	-	-	-	-	-	-	2 SEPARATE LANE CLOSURES
3A	6	350	2100	24	144	-	-	-	-	4	24	74	444	-	-	-	-	-	-	2 SEPARATE LANE CLOSURES
3B	10	300	3000	20	200	-	-	-	-	4	40	70	700	-	-	-	-	-	-	2 SEPARATE LANE CLOSURES
4A & 4B	40	85	3400	4	160	8	320	17	680	2	80	22	880	-	-	-	-	-	-	
5A	4	350	1400	24	96	-	-	-	-	4	16	74	296	-	-	-	-	-	-	2 SEPARATE LANE CLOSURES
5B	5	300	1500	20	100	-	-	-	-	4	20	70	350	-	-	-	-	-	-	2 SEPARATE LANE CLOSURES
6A	4	350	1400	24	96	-	-	-	-	4	16	74	296	-	-	-	-	-	-	2 SEPARATE LANE CLOSURES
6B	5	300	1500	20	100	-	-	-	-	4	20	70	350	-	-	-	-	-	-	2 SEPARATE LANE CLOSURES
PERMANENT MARKING	12	365	4380	24	288	48	576	17	204	2	24	34	408	-	-	-	-	-	-	
TWIN LANE RD CLOSURE	21	-	-	14	294	28	588	-	-	-	-	10	210	-	-	-	-	-	35	STAGE 1B
MAINLINE STH 73	2	-	-	-	-	-	-	-	-	-	-	15	30	-	-	-	-	-	-	
UNDISTRIBUTED	-	-	2000	-	40	-	10	-	100	-	-	-	80	-	-	-	-	20	-	
MAINLINE SUBTOTAL			31730		2142		2054		2174		444		6728			0		20	35	
RAMP CLOSURES																				
RAMP VJ	24	40	960	4	96	8	192	-	-	-	-	13	312	3	1	3	1	3	43	STAGE 1B, 2B, & 3B
RAMP VK	3	20	60	3	9	6	18	-	-	-	-	8	24	2	-	-	12	24	14	STAGE 2B & 3B
RAMP VG	3	40	120	4	12	8	24	-	-	-	-	9	27	3	-	-	8	24	15	STAGE 4B, 5B, & 6B
RAMP VH	28	30	840	4	112	8	224	-	-	-	-	17	476	4	1	4	1	4	54	STAGE 1B, 4B, 5B, & 6B
RAMP DK	7	45	315	4	28	8	56	-	-	-	-	14	98	3	1	3	1	3	26	STAGE 1B, 2B, & 3B
RAMP DL	7	40	280	4	28	8	56	-	-	-	-	11	77	3	-	-	8	24	26	STAGE 1B, 2B, & 3B
RAMP DJ	7	45	315	5	35	10	70	-	-	-	-	16	112	3	-	-	7	21	39	STAGE 4B, 5B, & 6B
RAMP DF	7	55	385	4	28	8	56	-	-	-	-	18	126	1	1	1	1	1	14	STAGE 4B
RAMP GK	7	50	350	4	28	8	56	-	-	-	-	20	140	3	1	3	1	3	26	STAGE 1B, 2B, & 3B
RAMP GL	7	35	245	5	35	10	70	-	-	-	-	13	91	3	-	-	6	18	42	STAGE 1B, 2B, & 3B
RAMP GH	4	35	140	5	20	10	40	-	-	-	-	13	52	1	-	-	6	6	19	STAGE 4B
RAMP GJ	4	55	220	4	16	8	32	-	-	-	-	24	96	1	1	1	1	1	11	STAGE 4B
RAMP KN	7	50	350	4	28	8	56	-	-	-	-	12	84	3	1	3	1	3	28	STAGE 1B, 2B, & 3B
RAMP KO	7	35	245	5	35	10	70	-	-	-	-	31	217	3	-	-	5	15	28	STAGE 1B, 2B, & 3B
RAMP KL	4	45	180	5	20	10	40	-	-	-	-	13	52	1	-	-	6	6	11	STAGE 4B
RAMP KM	4	55	220	4	16	8	32	-	-	-	-	21	84	1	1	1	1	1	11	STAGE 4B
RAMP SUB TOTAL			5225		546		1092		0		0		2068			19		157	407	
TOTAL 0010			36955		2688		3146		2174		444		8796			19		177	442	

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649-TEMP PAVEMENT MARKING

CATEGORY	LOCATION	649.0120 TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE) LF	649.0120 TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW) LF	649.0220 TEMPORARY MARKING LINE EPOXY 8-INCH (WHITE) LF
0010	NB MAINLINE STAGE 2 & 3	124406	141452	15970
0010	SB MAINLINE STAGE 5 & 6	84866	91404	7172
0010	RAMP VJ STAGE 2 & 3	3632	2314	-
0010	RAMP VK STAGE 2 & 3	5692	2972	-
0010	RAMP VG STAGE 2 & 3	5208	2628	-
0010	RAMP VH STAGE 2 & 3	2858	1876	-
0010	RAMP DK STAGE 2 & 3	4570	2528	-
0010	RAMP DL STAGE 2 & 3	5028	2038	-
0010	RAMP DJ STAGE 2 & 3	4760	1803	-
0010	RAMP GK STAGE 2 & 3	3322	1372	-
0010	RAMP GL STAGE 2 & 3	4266	2052	-
0010	RAMP KN STAGE 2 & 3	3230	1784	-
0010	RAMP KO STAGE 2 & 3	3554	1210	-
0010	UNDISTRIBUTED	1000	1000	100
	TOTAL 0010		512825	23242

646-PAVEMENT MARKING REMOVAL

CATEGORY	LOCATION	646.9000 MARKING REMOVAL LINE 4-INCH LF	646.9100 MARKING REMOVAL LINE 8-INCH LF	646.9200 MARKING REMOVAL LINE WIDE LF
0010	CTH VV/TWIN LAKE RD	5412	375	116
	TOTAL 0010	5412	375	116

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646-PAVEMENT MARKING

CATEGORY	LOCATION	646.1020 MARKING LINE EPOXY 4-INCH (WHITE) LF	646.1020 MARKING LINE EPOXY 4-INCH (YELLOW) LF	646.1040 MARKING LINE GROOVED WET REF EPOXY 4-INCH (WHITE) LF	646.1040 MARKING LINE GROOVED WET REF EPOXY 4-INCH (YELLOW) LF	646.1555 MARKING LINE GROOVED CONTRAST PERMANENT TAPE 4-INCH (WHITE) LF	646.3020 MARKING LINE EPOXY 8-INCH (WHITE) LF	646.3555 MARKING LINE GROOVED CONTRAST PERMANENT TAPE 8-INCH (WHITE) LF	646.6120 MARKING STOP LINE EPOXY 18-INCH (WHITE) LF	646.7120 MARKING DIAGONAL EPOXY 12-INCH (WHITE) LF	646.7220 MARKING CHEVRON EPOXY 24-INCH (WHITE) LF
0010	NB USH 151 MAINLINE	1082	1481	62203	70726	17700	-	7985	-	-	775
0010	SB USH 151 MAINLINE	591	591	42433	45702	11425	-	3586	-	-	225
0010	STH 73	1190	1230	-		-	235	-	-	-	-
0010	CTH VV / TWIN LANE RD	2695	2717	-		-	375	-	72	44	-
0010	RAMP VJ	-	-	1816	1157	-	-	-	-	-	-
0010	RAMP VK	-	-	2846	1486	-	-	-	-	-	-
0010	RAMP VH	-	-	2604	1314	-	-	-	-	-	-
0010	RAMP VH	-	-	1429	938	-	-	-	-	-	-
0010	RAMP DK	-	-	2285	1264	-	-	-	-	-	-
0010	RAMP DL	-	-	2514	1019	-	-	-	-	-	-
0010	RAMP DJ	-	-	2308	903	-	-	-	-	-	-
0010	RAMP GK	-	-	1661	686	-	-	-	-	-	-
0010	RAMP GL	211	-	2133	1026	-	-	-	-	-	-
0010	RAMP KN	188	-	1615	892	-	-	-	-	-	-
0010	RAMP KO	-	-	1777	605	-	-	-	-	-	-
0010	UNDISTRIBUTED	200	2000	-	-	-	100	-	125	-	-
	TOTAL 0010		14176		255342	29125	710	11571	197	44	1000

630-RESTORATION ITEMS I

CATEGORY	STATION		TO	STATION		LOCATION	625.0500 SALVAGED TOPSOIL SY	628.2002 EROSION MAT CLASS I TYPE A SY
0010	759+00	NB	-	761+10	NB	RT	233	233
0010	764+00	NB	-	768+10	NB	RT	364	364
0010	759+50	NB	-	798+00	NB	LT	2261	2261
0010	782+00	NB	-	800+00	NB	RT	2200	2200
0010	803+50	NB	-	852+00	NB	RT	2628	2628
0010	805+00	NB	-	816+00	NB	LT	1528	1528
0010	818+00	NB	-	822+00	NB	LT	511	511
0010	827+00	NB	-	840+00	NB	RT	1950	1950
0010	828+00	NB	-	836+00	NB	LT	1022	1022
0010	851+00	NB	-	856+00	NB	LT + RT	1278	1278
0010	862+00	NB	-	891+00	NB	LT	3061	3061
0010	863+00	NB	-	892+10	NB	RT	3718	3718
0010	912+00	NB	-	918+00	NB	LT	633	633
0010	932+00	NB	-	939+00	NB	LT	661	661
0010	951+00	NB	-	954+00	NB	RT	333	333
0010	970+00	NB	-	978+00	NB	LT	800	800
0010	976+50	NB	-	978+50	NB	RT	200	200
0010	981+00	NB	-	998+00	NB	RT	2739	2739
0010	1116+00	NB	-	1120+75	NB	LT	422	422
0010	1137+00	NB	-	1150+25	NB	RT	1546	1546
0010	1260+00	NB	-	1267+75	NB	RT	775	775
0010	1273+50	NB	-	1303+00	NB	RT	2950	2950
0010	1294+50	NB	-	1303+25	NB	LT	875	875
0010	1324+30	NB	-	1328+00	NB	RT	493	493
0010	1351+50	NB	-	1353+80	NB	RT	268	268
0010	1393+75	NB	-	1408+00	NB	LT	1222	1222
0010	1443+75	NB	-	1448+25	NB	LT	4050	4050
0010	1555+75	NB	-	1567+10	NB	RT	1135	1135
0010	745+00	SB	-	747+50	SB	LT	264	264
0010	745+00	SB	-	766+00	SB	RT	2100	2100

630-RESTORATION ITEMS I

CATEGORY	STATION		TO	STATION		LOCATION	625.0500 SALVAGED TOPSOIL SY	628.2002 EROSION MAT CLASS I TYPE A SY
0010	773+00	SB	-	797+70	SB	LT	2744	2744
0010	781+00	SB	-	800+00	SB	RT	1900	1900
0010	802+00	SB	-	820+10	SB	LT	2011	2011
0010	825+00	SB	-	837+00	SB	LT	1733	1733
0010	854+00	SB	-	863+00	SB	LT	1100	1100
0010	866+00	SB	-	871+00	SB	LT	556	556
0010	875+00	SB	-	883+00	SB	LT	1200	1200
0010	920+60	SB	-	823+40	SB	LT	327	327
0010	934+00	SB	-	939+75	SB	LT	831	831
0010	944+00	SB	-	950+00	SB	LT	600	600
0010	976+00	SB	-	980+50	SB	LT	525	525
0010	1135+15	SB	-	1151+00	SB	RT	1497	1497
0010	1139+50	SB	-	1153+10	SB	LT	1662	1662
0010	909+70	VJ	-	915+00	VJ	RT	707	707
0010	909+70	VJ	-	917+00	VJ	LT	892	892
0010	911+50	VG	-	920+10	VG	LT	1147	1147
0010	915+00	VG	-	917+50	VG	RT	361	361
0010	919+60	VK	-	922+30	VK	LT	300	300
0010	919+60	VK	-	923+60	VK	RT	378	378
0010	929+85	VK	-	934+75	VK	LT	463	463
0010	930+60	VK	-	938+50	VK	RT	790	790
0010	1306+10	DJ	-	1315+80	DJ	RT	1617	1617
0010	1306+15	DK	-	1317+00	DK	RT	1386	1386
0010	1320+40	DK	-	1322+80	DK	LT	320	320
0010	1326+50	DL	-	1332+50	DL	LT	533	533
0010	1336+30	DL	-	1339+80	DL	RT	311	311
0010	101+00	KK	-	103+50	KK	LT	289	289
0010	1568+00	KO	-	1577+00	KO	RT	900	900
0010						UNDISTRIBUTED	13860	13860
						TOTAL 0010	83160	83160

3

630-RESTORATION ITEMS II

CATEGORY	STATION	TO	STATION	LOCATION	629.0210 FERTILIZER TYPE B CWT	630.0120 SEEDING MIXTURE NO. 20 LB	630.0200 SEEDING TEMPORARY LB
0010	745+08 NB	-	998+00 NB		30.6	1312	656
0010	1115+85 NB	-	1585+50 NB		35.0	1498	749
0010	743+22 SB	-	995+00 SB		24.0	1033	517
0010	1118+85 SB	-	1330+00 SB		13.8	592	296
0010	906+00 VJ	-	917+75 VJ		1.7	71	36
0010	915+00 VG	-	927+75 VG		1.7	71	36
0010	929+75 VH	-	939+00 VH		0.5	22	11
0010	919+75 VK	-	935+00 VK		2.1	89	44
0010	1326+30 DL	-	1336+00 DL		1.1	46	23
0010	1309+45 DK	-	1322+58 DK		1.8	78	39
0010	1306+15 DJ	-	1315+69 DJ		1.6	67	33
0010	1319+16 DF	-	1333+00 DF		0.8	33	17
0010	1427+70 GK	-	1435+05 GK		0.4	18	9
0010	1443+71 GL	-	1454+47 GL		0.6	26	13
0010	1542+91 KN	-	1552+34 KN		0.5	23	11
0010	1561+10 KO	-	1567+64 KO		0.9	40	20
0010	96+96 K	-	107+50 K		0.8	33	17
0010				UNDISTRIBUTED	23.6	1010	505
				TOTAL 0010	141.5	6062	3032

633-DELINEATOR ITEMS

CATEGORY	LOCATION	204.0180 REMOVING DELINEATORS AND MARKERS EACH	633.0100 DELINEATOR POSTS STEEL EACH	633.0500 DELINEATOR REFLECTORS WHITE EACH	633.0500 DELINEATOR REFLECTORS YELLOW EACH	633.1000 DELINEATOR BRACKETS EACH
0010	NB USH 151 MAINLINE	25	167	158	9	-
0010	SB USH 151 MAINLINE	25	168	159	9	-
0010	RAMPS	10	167	167	-	5
	TOTAL 0010	60	502		502	5

628-SILT FENCE

CATEGORY	LOCATION	628.1504 SILT FENCE LF	628.1520 SILT FENCE MAINTENANCE LF
0010	UNDISTRIBUTED	500	500
	TOTAL 0010	500	500

WATER

CATEGORY	LOCATION	624.0100 MGAL
0010	PROJECT	168
	TOTAL 0010	168

628-EROSION CONTROL

CATEGORY	STATION	LOCATION	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
0010	752+00 NB	LT	-	-	18	-
0010	752+60 NB	LT	1	-	-	-
0010	753+00 NB	LT	-	-	18	-
0010	760+50 NB	LT	-	-	18	-
0010	764+50 NB	LT	-	-	18	-
0010	771+80 NB	LT	-	-	18	-
0010	772+50 NB	LT	1	-	-	-
0010	772+62 SB	RT	-	-	-	5
0010	772+80 NB	LT	-	-	18	-
0010	775+10 NB	LT	-	-	18	-
0010	775+75 NB	LT	1	-	-	-
0010	776+10 NB	LT	-	-	18	-
0010	781+40 NB	LT	-	-	18	-
0010	782+00 NB	LT	1	-	-	-
0010	782+40 NB	LT	-	-	18	-
0010	791+05 NB	LT	-	-	18	-
0010	791+75 NB	LT	1	-	-	-
0010	792+05 NB	LT	-	-	18	-
0010	795+60 NB	LT	-	-	18	-
0010	796+60 NB	LT	-	-	18	-
0010	804+00 NB	LT	-	-	18	-
0010	804+50 NB	LT	1	-	-	-
0010	805+00 NB	LT	-	-	18	-
0010	809+00 NB	LT	-	-	18	-
0010	809+50 NB	LT	1	-	-	-
0010	810+00 NB	LT	-	-	18	-
0010	816+00 NB	LT	-	-	18	-
0010	816+85 NB	LT	1	-	-	-
0010	818+00 NB	LT	-	-	18	-
0010	824+60 NB	LT	-	-	18	-
0010	825+10 NB	LT	1	-	-	-
0010	825+60 NB	LT	-	-	18	-
0010	834+50 NB	LT	-	-	18	-
0010	835+05 NB	LT	1	-	-	-
0010	858+07 SB	LT	-	-	-	2

628-EROSION CONTROL (CONTINUED)

CATEGORY	STATION	LOCATION	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
0010	902+00 NB	LT	-	-	18	-
0010	902+00 SB	RT	-	-	18	-
0010	903+10 SB	RT	-	-	18	2
0010	903+19 NB	LT	-	-	-	2
0010	904+00 NB	LT	-	-	18	-
0010	904+00 SB	RT	-	-	18	-
0010	935+00 NB	LT	-	-	18	-
0010	940+25 NB	LT	-	-	18	-
0010	940+90 NB	LT	1	-	-	-
0010	941+25 NB	LT	-	-	18	-
0010	949+75 NB	LT	-	-	18	-
0010	951+34 NB	LT	-	-	-	2
0010	952+25 NB	LT	-	-	18	-
0010	953+77 SB	RT	-	-	-	5
0010	972+19 NB	LT	-	-	-	3
0010	982+20 NB	LT	-	-	-	7
0010	999+50 NB	LT	-	-	18	-
0010	1000+85 NB	LT	1	-	-	-
0010	1116+50 NB	LT	-	-	18	-
0010	1117+10 NB	LT	1	-	-	-
0010	1117+50 NB	LT	-	-	18	-
0010	1123+50 NB	LT	-	-	18	-
0010	1124+00 NB	LT	1	-	-	-
0010	1124+50 NB	LT	-	-	18	-
0010	1130+50 NB	LT	-	-	18	-
0010	1131+00 NB	LT	1	-	-	-
0010	1131+50 NB	LT	-	-	18	-
0010	1136+75 NB	LT	-	-	18	-
0010	1137+00 NB	LT	1	-	-	-
0010	1137+75 NB	LT	-	-	18	-
0010	1147+02 NB	LT	-	-	-	3
0010	1149+00 NB	LT	-	-	18	-
0010	1160+04 NB	LT	-	-	-	3
0010	1171+04 NB	LT	-	-	-	3
0010	1182+06 NB	LT	-	-	-	3

628-EROSION CONTROL (CONTINUED)

CATEGORY	STATION	LOCATION	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
0010	1202+50 NB	LT	1	-	-	-
0010	1215+00 NB	LT	1	-	-	-
0010	1225+00 NB	LT	1	-	-	-
0010	1235+06 NB	LT	-	-	-	3
0010	1241+00 NB	LT	1	-	-	-
0010	1249+00 NB	LT	1	-	-	-
0010	1260+50 NB	LT	-	-	18	-
0010	1261+00 NB	LT	1	-	-	-
0010	1261+50 NB	LT	-	-	18	-
0010	1272+40 NB	LT	-	-	18	-
0010	1272+90 NB	LT	1	-	-	-
0010	1273+40 NB	LT	-	-	18	-
0010	1287+00 NB	LT	-	-	18	-
0010	1289+00 NB	LT	-	-	18	-
0010	1290+00 NB	LT	1	-	-	-
0010	1290+50 NB	LT	-	-	18	-
0010	1298+00 NB	LT	-	-	18	-
0010	1298+75 NB	LT	2	-	-	-
0010	1299+00 NB	LT	-	-	18	-
0010	1312+32 NB	RT	-	-	-	3
0010	1312+62 NB	LT	-	-	-	3
0010	1319+05 NB	LT	-	-	-	3
0010	1331+09 SB	RT	-	-	-	3
0010	1338+07 SB	RT	-	-	-	10
0010	1342+74 NB	LT	-	-	-	3
0010	1366+90 SB	RT	-	-	-	3
0010	1383+31 NB	LT	-	-	-	3
0010	1390+70 NB	LT	-	-	-	3
0010	1399+90 NB	LT	-	-	18	-
0010	1400+85 NB	LT	-	-	-	3
0010	1400+90 NB	LT	-	-	18	-
0010	1411+50 NB	RT	-	1	-	-
0010	1421+80 NB	LT	-	-	-	3
0010	1430+79 SB	RT	-	-	-	3
0010	1440+90 NB	RT	-	1	-	-

628-EROSION CONTROL (CONTINUED)

CATEGORY	STATION	LOCATION	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
0010	1474+48 NB	LT	-	-	-	3
0010	1484+76 NB	LT	-	-	-	3
0010	1495+83 SB	RT	-	-	-	3
0010	1504+84 SB	RT	-	-	-	3
0010	1508+87 SB	RT	-	-	-	3
0010	1529+96 NB	LT	-	-	-	2
0010	1535+22 NB	LT	-	-	-	2
0010	1548+27 NB	LT	-	-	-	3
0010	1549+85 SB	RT	-	-	-	3
0010	1569+50 SB	RT	-	-	-	3
0010	1578+57 SB	RT	-	-	-	3
0010	90+50 K	LT	-	2	-	-
0010	109+65 K	RT	-	1	-	-
0010	98+00 KK	LT	-	1	-	-
0010	1462+00 GL	RT	-	1	-	-
0010	1538+95 KN	RT	-	1	-	-
0010	1554+05 KN	LT	-	1	-	-
0010	1557+00 KM	RT	-	1	-	-
0010		UNDISTRIBUTED	-	-	243	29
		TOTAL 0010	26	10	1215	146

628-EROSION CONTROL MOBILIZATION

CATEGORY	LOCATION	628.1905 MOBILIZATIONS EROSION CONTROL EACH	628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL EACH
0010	PROJECT	8	4
	TOTAL 0010	8	4

636-TYPE I SIGNS

CATEGORY	PLAN NUMBER	STATION		LOCATION	SIGN SIZE IN X IN	SIGN PLATE NUMBER	635.0200 SIGN SUPPORTS STRUCTURAL STEEL HS LB	POST TYPE	636.0100 SIGN SUPPORTS CONCRETE MASONRY CY	636.0500 SIGN SUPPORTS STEEL REINFORCEMENT LB	637.1220 SIGNS TYPE I REFLECTIVE SH SF	638.2601 REMOVING SIGNS TYPE I EACH	638.3100 REMOVING STRUCTURAL STEEL SIGN SUPPORTS EACH
0010	2 - 6	845+60	NB	RT	108 x 30	E1-5P	-	-	-	-	22.5	-	-
0010	2 - 7	845+60	NB	RT	120 x 90	E1-1A	-	-	-	-	75.0	1	-
0010	3 - 1	875+50	SB	LT	192 x 60	D2-2	-	-	-	-	80.0	1	-
0010	3 - 7	899+25	NB	RT	108 x 30	E1-5P	-	-	-	-	22.5	-	-
0010	3 - 8	899+25	NB	RT	120 x 54	E4-1A	-	-	-	-	45.0	1	-
0010	5 - 3	938+70	SB	LT	-	-	-	-	-	-	-	1	-
0010	5 - 5	944+00	SB	LT	108 x 30	E1-5P	-	-	-	-	22.5	-	-
0010	5 - 6	944+00	SB	LT	120 x 54	E4-1A	-	-	-	-	45.0	1	-
0010	7 - 1	1141+00	SB	LT	96 x 30	E1-5P	-	-	-	-	20.0	-	-
0010	7 - 2	1141+00	SB	LT	120 x 90	E1-1A	-	-	-	-	75.0	1	-
0010	8 - 8	1237+00	NB	RT	132 x 54	E9-1	537	A	1.2	68	54.0	1	1
0010	9 - 1	1248+45	NB	RT	108 x 30	E1-5P	-	-	-	-	22.5	-	-
0010	9 - 2	1248+45	NB	RT	192 x 150	E1-1A	-	-	-	-	200.0	1	-
0010	9 - 4	1256+50	NB	RT	144 x 54	E10-61	441	A	1.2	68	54.0	1	-
0010	9 - 8	1265+00	NB	RT	144 x 108	E3-1	965	B	1.6	98	108.0	1	1
0010	9 - 9	1265+00	SB	LT	192 x 60	D2-2	571	A	1.2	68	80.0	-	-
0010	9 - 11	1277+50	SB	LT	-	-	-	-	-	-	-	1	1
0010	9 - 16	1299+55	NB	RT	108 x 30	E1-5P	-	-	-	-	22.5	-	-
0010	9 - 17	1299+55	NB	RT	228 x 120	E4-1A	-	-	-	-	190.0	1	-
0010	10 - 12	1342+00	SB	LT	108 x 30	E1-5P	-	-	-	-	22.5	-	-
0010	10 - 13	1342+00	SB	LT	228 x 132	E4-1A	-	-	-	-	209.0	1	-
0010	10 - 19	1360+00	SB	LT	-	-	-	-	-	-	-	1	-
0010	10 - 22	1365+50	NB	RT	108 x 30	E1-5P	-	-	-	-	22.5	-	-
0010	10 - 23	1365+50	NB	RT	192 x 162	E1-1A	1036	B	1.6	98	216.0	-	-
0010	10 - 25	1368+00	SB	LT	-	-	-	-	-	-	-	1	1
0010	11 - 1	1378+20	NB	RT	-	-	-	-	-	-	-	1	1
0010	11 - 2	1385+00	SB	LT	144 x 54	E10-61	512	A	1.2	68	54.0	-	-
0010	11 - 3	1393+00	SB	LT	-	-	-	-	-	-	-	1	1
0010	11 - 4	1394+00	SB	LT	108 x 30	E1-5P	-	-	-	-	22.5	-	-
0010	11 - 5	1394+00	SB	LT	192 x 162	E1-1A	1101	B	1.6	98	216.0	-	-
0010	11 - 12	1418+40	NB	RT	108 x 30	E1-5P	-	-	-	-	22.5	-	-
0010	11 - 13	1418+40	NB	RT	228 x 132	E4-1A	1020	B	1.6	98	209.0	1	1
0010	12 - 5	1464+50	SB	LT	108 x 30	E1-5P	-	-	-	-	22.5	-	-
0010	12 - 6	1464+50	SB	LT	228 x 132	E4-1A	1053	B	1.6	98	209.0	1	1
0010	12 - 13	1485+70	NB	RT	108 x 30	E1-5P	-	-	-	-	22.5	-	-
0010	12 - 14	1485+70	NB	RT	192 x 162	E1-1A	1084	B	1.6	98	216.0	1	1
0010	13 - 2	1512+80	SB	LT	108 x 30	E1-5P	-	-	-	-	22.5	-	-
0010	13 - 3	1512+80	SB	LT	192 x 162	E1-1A	-	-	-	-	216.0	1	-
0010	13 - 14	1532+50	NB	RT	108 x 30	E1-5P	-	-	-	-	22.5	-	-
0010	13 - 15	1532+50	NB	RT	228 x 132	E4-1A	1040	B	1.6	98	209.0	1	1
0010	14 - 13	1579+80	SB	LT	108 x 30	E1-5P	-	-	-	-	22.5	-	-
0010	14 - 14	1579+80	SB	LT	228 x 156	E4-1A	1076	B	1.6	98	247.0	1	1
TOTAL 0010							10434		18	1056	3342	23	11

637-TYPE II SIGNS

CATEGORY	PLAN NUMBER	STATION		LOCATION	SIGN SIZE IN X IN	SIGN PLATE NUMBER	634.0612 POSTS WOOD 4X6-INCH X 12+FT EACH	634.0614 POSTS WOOD 4X6-INCH X 14-FT EACH	634.0616 POSTS WOOD 4X6-INCH X 16-FT EACH	634.0618 POSTS WOOD 4X6-INCH X 18-FT EACH	634.0620 POSTS WOOD 4X6-INCH X 20-FT EACH	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH
0010	1 - 1	782+05	SB	RT	12 x 48	D10-3	-	1	-	-	-	4.0	-	1	1
0010	1 - 2	781+85	NB	LT	12 x 48	D10-3	-	1	-	-	-	4.0	-	1	1
0010	1 - 3	804+00	SB	LT	-	-	-	-	-	-	-	-	-	1	1
0010	1 - 4	804+00	NB	RT	30 x 18	I55-56	-	-	1	-	-	3.75	-	1	1
0010	1 - 5	804+00	NB	RT	30 x 18	I55-56P	-	-	-	-	-	3.75	-	-	-
0010	2 - 1	816+70	SB	RT	36 x 48	R3-4B	-	-	-	1	-	12.0	-	1	1
0010	2 - 2	817+50	NB	LT	36 x 48	R3-4B	-	-	-	1	-	12.0	-	1	1
0010	2 - 3	834+20	SB	LT	12 x 48	D10-3	-	1	-	-	-	4.0	-	1	1
0010	2 - 4	834+50	NB	RT	12 x 48	D10-3	-	1	-	-	-	4.0	-	1	1
0010	2 - 5	840+50	NB	RT	-	-	-	-	-	-	-	-	-	1	2
0010	3 - 2	880+50	SB	LT	-	-	-	-	-	-	-	-	-	1	2
0010	3 - 3	885+00	SB	LT	48 x 60	R2-1	-	-	-	1	1	20.0	-	1	2
0010	3 - 4	887+00	SB	LT	12 x 48	D10-3	-	1	-	-	-	4.0	-	1	1
0010	3 - 5	887+30	NB	RT	12 x 48	D10-3	-	1	-	-	-	4.0	-	1	1
0010	3 - 6	896+25	SB	LT	36 x 54	J4-1	-	-	-	1	-	13.5	-	1	1
0010	3 - 9	902+55	SB	RT	36 x 48	R3-4B	-	-	-	1	-	12.0	-	1	1
0010	3 - 10	903+20	NB	LT	36 x 48	R3-4B	-	-	-	1	-	12.0	-	1	1
0010	3 - 11	908+05	NB	RT	90 x 60	E5-1A	-	-	-	-	2	37.5	-	1	2
0010	3 - 12	910+25	KJ	LT	36 x 36	W3-1	-	-	-	1	-	-	9.0	1	1
0010	3 - 13	911+00	KG	LT	-	-	-	-	-	-	-	-	-	1	1
0010	3 - 14	913+35	KJ	RT	-	-	-	-	-	-	-	-	-	1	1
0010	3 - 15	915+15	KJ	RT	-	-	-	-	-	-	-	-	-	1	2
0010	3 - 16	918+80	SB	LT	30 x 18	I55-56	-	-	1	-	-	3.75	-	-	-
0010	3 - 17	918+80	SB	LT	30 x 18	I55-56P	-	-	-	-	-	3.75	-	-	-
0010	3 - 18	920+85	SB	LT	48 x 48	W4-1R	-	-	-	2	-	-	16.0	1	2
0010	3 - 19	927+95	NB	RT	48 x 48	W4-1R	-	-	-	2	-	-	16.0	1	2
0010	4 - 1	X		-	24 x 39	J1-1	-	1	-	-	-	6.5	-	1	1
0010	4 - 2	X		-	30 x 30	R5-1	-	1	-	-	-	6.25	-	1	1
0010	4 - 3	X		-	24 x 30	R4-7	-	-	1	-	-	5.0	-	1	1
0010	4 - 4	X		-	18 x 18	W5-56	-	-	-	-	-	-	2.25	-	-
0010	4 - 5	X		-	48 x 57	J2-2	-	-	1	-	-	19.0	-	-	-
0010	4 - 6	X		-	-	-	-	-	-	-	-	-	-	1	2
0010	4 - 7	X		-	84 x 30	D1-2	-	2	-	-	-	17.5	-	-	-
0010	4 - 8	X		-	36 x 24	R5-1A	-	-	-	-	-	6.0	-	-	-
0010	4 - 9	X		-	36 x 24	R5-1A	-	-	1	-	-	6.0	-	1	1
0010	4 - 10	X		-	36 x 36	W6-2	-	-	-	-	-	-	9.0	-	-
0010	4 - 11	917+00	KJ	RT	-	-	-	-	-	-	-	-	-	1	1
0010	4 - 12	917+00	KJ	RT	36 x 24	R5-1A	-	1	-	-	-	6.0	-	-	-
0010	4 - 13	917+00	KJ	LT	36 x 24	R5-1A	-	1	-	-	-	6.0	-	1	1
0010	4 - 15	918+50	KJ	RT	36 x 36	R1-1	-	1	-	-	-	7.46	-	1	1

637-TYPE II SIGNS (CONTINUED)

CATEGORY	PLAN NUMBER	STATION		LOCATION	SIGN SIZE IN X IN	SIGN PLATE NUMBER	634.0612 POSTS WOOD 4X6-INCH X 12+FT EACH	634.0614 POSTS WOOD 4X6-INCH X 14-FT EACH	634.0616 POSTS WOOD 4X6-INCH X 16-FT EACH	634.0618 POSTS WOOD 4X6-INCH X 18-FT EACH	634.0620 POSTS WOOD 4X6-INCH X 20-FT EACH	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH
0010	4 - 16	26+70	VN	RT	24 x 57	J3-1	-	-	1	-	-	9.5	-	-	-
0010	4 - 17	26+70	VN	RT	-	-	-	-	-	-	-	-	-	1	1
0010	4 - 18	26+70	VN	RT	30 x 30	R5-1	-	-	-	-	-	6.25	-	-	-
0010	4 - 19	26+75	VN	LT	24 x 24	R3-2	1	-	-	-	-	4.0	-	-	-
0010	4 - 20	26+75	VN	LT	-	-	-	-	-	-	-	-	-	1	1
0010	4 - 21	918+75	KJ	RT	36 x 12	R6-1R	-	-	1	-	-	3.0	-	-	-
0010	4 - 22	918+75	KJ	RT	36 x 36	R1-1	-	-	-	-	-	7.46	-	1	1
0010	4 - 23	918+75	KJ	RT	30 x 24	R6-3A	-	-	-	-	-	5.0	-	-	-
0010	4 - 24	918+75	KJ	LT	24 x 30	R6-2L	-	-	-	-	-	5.0	-	1	1
0010	4 - 25	918+75	KJ	LT	36 x 36	R1-1	-	1	-	-	-	7.46	-	1	1
0010	4 - 26	918+75	KJ	LT	24 x 45	J13-1	-	1	-	-	-	7.5	-	-	-
0010	4 - 27	918+75	KJ	LT	30 x 30	R5-1	-	-	-	-	-	6.25	-	1	1
0010	4 - 28	919+10	KK	RT	36 x 36	R5-57	-	1	-	-	-	9.0	-	1	1
0010	4 - 29	918+70	KK	LT	24 x 30	R6-2L	-	1	-	-	-	5.0	-	1	1
0010	4 - 30	28+00	VS	LT	30 x 30	R5-1	-	1	-	-	-	6.25	-	1	1
0010	4 - 31	28+00	VS	LT	24 x 24	R3-1	-	-	-	-	-	4.0	-	-	-
0010	4 - 32	28+05	VN	LT	24 x 30	R4-7	-	-	1	-	-	5.0	-	1	1
0010	4 - 33	28+05	VN	LT	24 x 57	J3-1	-	-	-	-	-	9.5	-	-	-
0010	4 - 34	30+00	VS	LT	36 x 24	R5-1A	-	1	-	-	-	6.0	-	1	1
0010	4 - 35	31+00	VN	RT	24 x 57	J2-1	-	-	1	-	-	9.5	-	1	1
0010	4 - 36	30+90	VS	LT	-	-	-	-	-	-	-	-	-	1	1
0010	4 - 37	33+15	VS	RT	84 x 15	D1-1	2	-	-	-	-	8.75	-	-	-
0010	4 - 38	33+15	VS	RT	-	-	-	-	-	-	-	-	-	1	2
0010	4 - 39	34+50	VN	RT	-	-	-	-	-	-	-	-	-	1	2
0010	4 - 40	34+50	VN	RT	66 x 15	D1-1	2	-	-	-	-	6.88	-	-	-
0010	4 - 41	36+00	VN	RT	36 x 24	R5-1A	-	1	-	-	-	6.0	-	-	-
0010	4 - 42	35+45	VN	LT	-	-	-	-	-	-	-	-	-	1	1
0010	4 - 43	36+00	VS	LT	24 x 57	J2-1	-	-	1	-	-	9.5	-	-	-
0010	4 - 44	37+90	VN	LT	24 x 57	J3-1	-	-	1	-	-	9.5	-	-	-
0010	4 - 45	37+90	VN	RT	24 x 24	R3-1	-	1	-	-	-	4.0	-	1	1
0010	4 - 46	37+90	VN	LT	24 x 30	R4-7	-	-	-	-	-	5.0	-	1	1
0010	4 - 47	37+90	VN	RT	30 x 30	R5-1	-	-	-	-	-	6.25	-	-	-
0010	4 - 48	38+15	VS	LT	24 x 30	R6-2L	-	1	-	-	-	5.0	-	1	1
0010	4 - 49	38+35	VN	RT	30 x 30	R5-1	-	1	-	-	-	6.25	-	1	1
0010	4 - 50	927+50	KG	LT	36 x 36	R5-57	-	1	-	-	-	9.0	-	1	1
0010	4 - 51	328+15	KH	RT	36 x 36	R1-1	-	-	-	-	-	7.46	-	1	1
0010	4 - 52	38+90	VN	LT	24 x 24	R3-2	1	-	-	-	-	4.0	-	-	-
0010	4 - 53	928+40	KH	LT	24 x 30	R6-2L	-	-	-	-	-	5.0	-	1	1
0010	4 - 54	928+40	KH	LT	36 x 12	R6-1R	-	-	1	-	-	3.0	-	-	-
0010	4 - 55	928+40	KH	LT	36 x 36	R1-1	-	-	-	-	-	7.46	-	1	1

637-TYPE II SIGNS (CONTINUED)

CATEGORY	PLAN NUMBER	STATION		LOCATION	SIGN SIZE IN X IN	SIGN PLATE NUMBER	634.0612 POSTS WOOD 4X6-INCH X 12+FT EACH	634.0614 POSTS WOOD 4X6-INCH X 14-FT EACH	634.0616 POSTS WOOD 4X6-INCH X 16-FT EACH	634.0618 POSTS WOOD 4X6-INCH X 18-FT EACH	634.0620 POSTS WOOD 4X6-INCH X 20-FT EACH	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH
0010	4 - 56	928+40	KH	LT	30 x 24	R6-3A	-	-	-	-	-	5.0	-	-	-
0010	4 - 57	39+45	VS	LT	30 x 30	R5-1	-	-	1	-	-	6.25	-	-	-
0010	4 - 58	39+45	VS	LT	-	-	-	-	-	-	-	-	-	1	1
0010	4 - 59	39+45	VS	LT	24 x 57	J3-1	-	-	-	-	-	9.5	-	-	-
0010	4 - 60	928+90	KH	LT	36 x 36	R1-1	-	-	-	-	-	7.46	-	1	1
0010	4 - 61	40+60	VN	LT	24 x 36	R3-20L	-	1	-	-	-	6.0	-	1	1
0010	4 - 62	41+70	VN	RT	36 x 24	R5-1A	-	1	-	-	-	6.0	-	1	1
0010	4 - 63	42+55	VS	LT	36 x 24	R5-1A	-	-	-	-	-	6.0	-	-	-
0010	4 - 64	X		-	-	-	-	-	-	-	-	-	-	1	1
0010	4 - 65	X		-	48 x 57	J2-2	-	-	1	-	-	19.0	-	-	-
0010	4 - 66	42+55	VS	LT	-	-	-	-	-	-	-	-	-	1	2
0010	4 - 67	42+55	VS	LT	84 x 30	D1-2	-	1	1	-	-	17.5	-	-	-
0010	4 - 68	X		-	-	-	-	-	-	-	-	-	-	1	1
0010	4 - 69	X		-	24 x 57	J3-1	-	-	1	-	-	19.0	-	-	-
0010	4 - 70	X		-	36 x 24	R5-1A	-	1	-	-	-	6.0	-	-	-
0010	4 - 71	X		-	-	-	-	-	-	-	-	-	-	1	1
0010	4 - 72	X		-	24 x 39	J1-1	-	-	-	-	-	-	-	-	-
0010	4 - 73	38+90	VN	LT	-	-	-	-	-	-	-	-	-	1	1
0010	4 - 74	930+90	KH	LT	36 x 24	R5-1A	-	1	-	-	-	6.0	-	1	1
0010	4 - 75	930+90	KH	LT	36 x 24	R5-1A	-	1	-	-	-	6.0	-	1	1
0010	4 - 76	930+90	KH	RT	24 x 45	J13-1	-	-	-	-	-	7.5	-	1	1
0010	4 - 77	X		-	30 x 30	R5-1	-	-	-	-	-	6.25	-	-	-
0010	5 - 1	937+15	KH	LT	36 x 36	W3-1	-	-	-	1	-	-	9.0	1	1
0010	5 - 2	938+00	SB	LT	12 x 48	D10-3	-	1	-	-	-	4.0	-	1	1
0010	5 - 3	938+70	SB	LT	90 x 60	E5-1A	-	-	-	-	2	37.5	-	-	2
0010	5 - 4	940+20	NB	RT	12 x 48	D10-3	-	1	-	-	-	4.0	-	1	1
0010	5 - 7	950+65	SB	RT	36 x 48	R3-4B	-	-	-	1	-	12.0	-	1	1
0010	5 - 8	951+05	NB	LT	36 x 48	R3-4B	-	-	-	1	-	12.0	-	1	1
0010	5 - 9	954+05	NB	RT	36 x 54	J4-1	-	-	-	1	-	13.5	-	1	1
0010	5 - 10	964+20	NB	RT	48 x 60	R2-1	-	-	-	1	1	20.0	-	1	2
0010	5 - 11	992+90	SB	LT	12 x 48	D10-3	-	1	-	-	-	4.0	-	1	1
0010	5 - 12	992+85	NB	RT	12 x 48	D10-3	-	1	-	-	-	4.0	-	1	1
0010	7 - 3	1150+35	SB	LT	12 x 48	D10-3	-	1	-	-	-	4.0	-	1	1
0010	7 - 4	1150+35	NB	RT	12 x 48	D10-3	-	1	-	-	-	4.0	-	1	1
0010	7 - 5	1155+25	SB	LT	66 x 21	I2-2	-	-	2	-	-	9.63	-	1	2
0010	7 - 6	1155+30	SB	RT	36 x 48	R3-4B	-	-	-	1	-	12.0	-	1	1
0010	7 - 7	1155+90	NB	LT	36 x 48	R3-4B	-	-	-	1	-	12.0	-	1	1
0010	7 - 8	1157+15	NB	RT	90 x 21	I2-2	-	-	2	-	-	13.13	-	1	2
0010	8 - 1	1201+70	NB	RT	60 x 21	M1-94	-	-	2	-	-	8.75	-	-	-
0010	8 - 2	1207+10	NB	RT	-	-	-	-	-	-	-	-	-	1	2

637-TYPE II SIGNS (CONTINUED)

CATEGORY	PLAN NUMBER	STATION	LOCATION	SIGN SIZE IN X IN	SIGN PLATE NUMBER	634.0612 POSTS WOOD 4X6-INCH X 12+FT EACH	634.0614 POSTS WOOD 4X6-INCH X 14-FT EACH	634.0616 POSTS WOOD 4X6-INCH X 16-FT EACH	634.0618 POSTS WOOD 4X6-INCH X 18-FT EACH	634.0620 POSTS WOOD 4X6-INCH X 20-FT EACH	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH
0010	8 - 3	1203+30 SB	LT	12 x 48	D10-3	-	1	-	-	-	4.0	-	1	1
0010	8 - 4	1205+00 NB	RT	12 x 48	D10-3	-	1	-	-	-	4.0	-	1	1
0010	8 - 5	1206+00 NB	RT	30 x 18	I55-56	-	-	1	-	-	3.75	-	-	-
0010	8 - 6	1206+00 NB	RT	30 x 18	I55-56P	-	-	-	-	-	3.75	-	-	-
0010	8 - 7	1206+40 SB	LT	60 x 21	M1-94	-	-	2	-	-	8.75	-	1	2
0010	9 - 3	1250+00 SB	LT	48 x 60	R4-3	-	-	-	1	1	20.0	-	1	1
0010	9 - 4	1256+50 NB	RT	-	-	-	-	-	-	-	-	-	-	3
0010	9 - 5	1257+00 NB	RT	12 x 48	D10-3	-	1	-	-	-	4.0	-	1	1
0010	9 - 6	1257+00 SB	LT	12 x 48	D10-3	-	1	-	-	-	4.0	-	1	1
0010	9 - 7	1260+00 SB	LT	-	-	-	-	-	-	-	-	-	1	1
0010	9 - 10	1275+00 SB	LT	48 x 60	R2-1	-	-	-	1	1	20.0	-	1	2
0010	9 - 12	1287+00 SB	LT	36 x 54	J4-1	-	-	-	1	-	13.5	-	1	1
0010	9 - 13	1287+45 SB	RT	36 x 48	R3-4B	-	-	-	1	-	12.0	-	1	1
0010	9 - 14	1288+30 NB	LT	36 x 48	R3-4B	-	-	-	1	-	12.0	-	1	1
0010	9 - 15	1299+00 SB	LT	-	-	-	-	-	-	-	-	-	1	1
0010	10 - 1	1310+90 NB	RT	90 x 60	E5-1A	-	-	-	-	2	37.5	-	1	2
0010	10 - 2	1310+30 SB	LT	12 x 48	D10-3	-	1	-	-	-	4.0	-	1	1
0010	10 - 3	1311+50 NB	RT	12 x 48	D10-3	-	1	-	-	-	4.0	-	1	1
0010	10 - 4	1311+00 SB	LT	48 x 48	W4-1R	-	-	-	2	-	-	16.0	1	2
0010	10 - 5	1316+00 SB	LT	30 x 18	I55-56	-	-	1	-	-	3.75	-	-	-
0010	10 - 6	1316+00 SB	LT	30 x 18	I55-56P	-	-	-	-	-	3.75	-	-	-
0010	10 - 7	1327+00 NB	RT	30 x 18	I55-56	-	-	1	-	-	3.75	-	-	-
0010	10 - 8	1327+00 NB	RT	30 x 18	I55-56P	-	-	-	-	-	3.75	-	-	-
0010	10 - 9	1330+40 SB	LT	90 x 60	E5-1A	-	-	-	-	2	37.5	-	1	2
0010	10 - 10	1332+00 NB	RT	48 x 48	W4-1R	-	-	-	2	-	-	16.0	1	2
0010	10 - 11	1336+00 NB	RT	-	-	-	-	-	-	-	-	-	1	1
0010	10 - 14	1353+90 NB	RT	54 x 21	M1-94	-	-	2	-	-	7.88	-	1	1
0010	10 - 15	1353+10 SB	LT	54 x 21	M1-94	-	-	2	-	-	7.88	-	1	2
0010	10 - 16	1356+00 NB	RT	36 x 54	J4-1	-	-	-	1	-	13.5	-	1	1
0010	10 - 17	1358+55 SB	RT	36 x 48	R3-4B	-	-	-	1	-	12.0	-	1	1
0010	10 - 18	1360+25 NB	LT	36 x 48	R3-4B	-	-	-	1	-	12.0	-	1	1
0010	10 - 19	1360+00 SB	LT	-	-	-	-	-	-	-	-	-	-	2
0010	10 - 20	1361+85 SB	LT	12 x 48	D10-3	-	1	-	-	-	4.0	-	1	1
0010	10 - 21	1362+65 NB	RT	12 x 48	D10-3	-	1	-	-	-	4.0	-	1	1
0010	10 - 24	1367+00 NB	RT	48 x 60	R2-1	-	-	-	1	1	20.0	-	1	2
0010	11 - 6	1399+60 SB	RT	36 x 48	R3-4B	-	-	-	1	-	12.0	-	1	1
0010	11 - 7	1400+00 SB	LT	48 x 60	R2-1	-	-	-	1	1	20.0	-	1	2
0010	11 - 8	1400+75 NB	LT	36 x 48	R3-4B	-	-	-	1	-	12.0	-	1	1
0010	11 - 9	1410+00 SB	LT	36 x 54	J4-1	-	-	-	1	-	13.5	-	1	1
0010	11 - 10	1415+50 SB	LT	12 x 48	D10-3	-	1	-	-	-	4.0	-	1	1

637-TYPE II SIGNS (CONTINUED)

CATEGORY	PLAN NUMBER	STATION	LOCATION	SIGN SIZE IN X IN	SIGN PLATE NUMBER	634.0612 POSTS WOOD 4X6-INCH X 12+FT EACH	634.0614 POSTS WOOD 4X6-INCH X 14-FT EACH	634.0616 POSTS WOOD 4X6-INCH X 16-FT EACH	634.0618 POSTS WOOD 4X6-INCH X 18-FT EACH	634.0620 POSTS WOOD 4X6-INCH X 20-FT EACH	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH
0010	11 - 11	1415+50 NB	RT	12 x 48	D10-3	-	1	-	-	-	4.0	-	1	1
0010	11 - 14	1426+25 SB	LT	-	-	-	-	-	-	-	-	-	1	1
0010	11 - 15	1429+25 NB	RT	90 x 60	E5-1A	-	-	-	-	2	37.5	-	1	2
0010	11 - 16	1433+10 SB	LT	48 x 48	W4-1R	-	-	-	2	-	-	16.0	1	2
0010	12 - 1	1435+40 SB	LT	30 x 18	I55-56	-	-	1	-	-	3.75	-	-	-
0010	12 - 2	1435+40 SB	LT	30 x 18	I55-56P	-	-	-	-	-	3.75	-	-	-
0010	12 - 3	1447+60 NB	RT	48 x 48	W4-1R	-	-	-	2	-	-	16.0	1	2
0010	12 - 4	1451+55 SB	LT	90 x 60	E5-1A	-	-	-	-	2	37.5	-	1	2
0010	12 - 7	1468+45 SB	LT	12 x 48	D10-3	-	1	-	-	-	4.0	-	1	1
0010	12 - 8	1468+50 NB	RT	12 x 48	D10-3	-	1	-	-	-	4.0	-	1	1
0010	12 - 9	1470+60 NB	RT	36 x 54	J4-1	-	-	-	1	-	13.5	-	1	1
0010	12 - 10	1474+80 SB	RT	36 x 48	R3-4B	-	-	-	1	-	12.0	-	1	1
0010	12 - 11	1475+60 NB	LT	36 x 48	R3-4B	-	-	-	1	-	12.0	-	1	1
0010	12 - 12	1480+85 NB	RT	48 x 60	R2-1	-	-	-	1	1	20.0	-	1	2
0010	13 - 1	1499+00 SB	LT	48 x 36	R8-7	-	-	1	-	-	12.0	-	1	1
0010	13 - 4	1515+65 SB	LT	48 x 60	R2-1	-	-	-	1	1	20.0	-	1	2
0010	13 - 5	1517+65 SB	LT	90 x 21	I2-2	-	-	2	-	-	13.13	-	1	2
0010	13 - 6	1517+50 NB	RT	72 x 21	I2-2	-	-	2	-	-	10.5	-	1	2
0010	13 - 7	1521+00 SB	RT	36 x 48	R3-4B	-	-	-	1	-	12.0	-	1	1
0010	13 - 8	1521+65 SB	LT	12 x 48	D10-3	-	1	-	-	-	4.0	-	1	1
0010	13 - 9	1521+35 NB	RT	12 x 48	D10-3	-	1	-	-	-	4.0	-	1	1
0010	13 - 10	1521+45 NB	LT	36 x 48	R3-4B	-	-	-	1	-	12.0	-	1	1
0010	13 - 11	1523+60 NB	LT	-	-	-	-	-	-	-	-	-	1	4
0010	13 - 12	1523+65 NB	RT	-	-	-	-	-	-	-	-	-	1	4
0010	13 - 13	1526+25 SB	LT	36 x 54	J4-1	-	-	-	1	-	13.5	-	1	1
0010	13 - 16	1537+15 NB	RT	66 x 36	I3-1	-	-	2	-	-	16.5	-	1	2
0010	13 - 17	1540+20 SB	LT	66 x 36	I3-1	-	-	2	-	-	16.5	-	1	2
0010	13 - 18	1544+15 NB	RT	90 x 60	E5-1A	-	-	-	-	2	37.5	-	1	2
0010	13 - 19	1546+50 KN	RT	36 x 36	W3-1	-	-	-	1	-	-	9.0	1	1
0010	13 - 20	1549+10 KN	RT	48 x 57	J2-2	-	-	1	-	-	19.0	-	1	1
0010	13 - 21	1552+00 KN	RT	72 x 30	D1-2	-	-	2	-	-	15.0	-	1	2
0010	13 - 22	1550+40 SB	LT	48 x 48	W4-1R	-	-	-	2	-	-	16.0	1	2
0010	13 - 23	1552+00 KN	RT	36 x 24	R5-1A	-	-	-	-	-	6.0	-	-	-
0010	13 - 24	1552+00 KN	LT	36 x 24	R5-1A	-	1	-	-	-	6.0	-	1	-
0010	14 - 1	1559+40 KM	RT	36 x 24	R5-1A	-	1	-	-	-	6.0	-	1	-
0010	14 - 2	1558+00 KM	LT	-	-	-	-	-	-	-	-	-	1	2
0010	14 - 3	1559+30 KM	LT	36 x 24	R5-1A	-	-	-	-	-	6.0	-	1	-
0010	14 - 4	1559+30 KM	LT	72 x 30	D1-2	-	-	2	-	-	15.0	-	1	2
0010	14 - 5	1560+25 NB	RT	48 x 48	W4-1R	-	-	-	2	-	-	16.0	1	2
0010	14 - 6	1561+60 KM	RT	102 x 48	D1-4	-	-	-	1	1	34.0	-	1	2

637-TYPE II SIGNS (CONTINUED)

CATEGORY	PLAN NUMBER	STATION	LOCATION	SIGN SIZE IN X IN	SIGN PLATE NUMBER	634.0612 POSTS WOOD 4X6-INCH X 12+FT EACH	634.0614 POSTS WOOD 4X6-INCH X 14-FT EACH	634.0616 POSTS WOOD 4X6-INCH X 16-FT EACH	634.0618 POSTS WOOD 4X6-INCH X 18-FT EACH	634.0620 POSTS WOOD 4X6-INCH X 20-FT EACH	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH
0010	14 - 7	1562+40 KM	LT	72 x 57	J2-3	-	-	2	-	-	28.5	-	1	2
0010	14 - 8	1564+40 KM	LT	36 x 36	W3-1	-	-	-	1	-	-	9.0	1	1
0010	14 - 9	1567+50 SB	LT	90 x 60	E5-1A	-	-	-	-	2	37.5	-	1	2
0010	14 - 10	1574+25 SB	LT	12 x 48	D10-3	-	1	-	-	-	4.0	-	1	1
0010	14 - 11	1574+00 NB	RT	12 x 48	D10-3	-	1	-	-	-	4.0	-	1	1
0010	14 - 12	1576+00 NB	LT	144 x 48	W6-53	-	-	-	-	3	-	48.0	-	-
0010	14 - 15	1584+25 SB	LT	36 x 36	R5-57	-	-	-	-	1	9.0	-	-	-
0010	14 - 16	1584+25 SB	LT	36 x 30	R5-57B	-	-	-	-	-	7.5	-	-	-
0010	14 - 17	1584+15 NB	RT	36 x 54	J4-1	-	-	-	1	-	13.5	-	1	1
0010	15 - 1	1556+75 KM	LT	24 x 57	J3-1	-	-	1	-	-	9.5	-	1	1
0010	15 - 2	1556+75 KM	LT	36 x 36	R1-1	-	1	-	-	-	7.46	-	1	1
0010	15 - 3	1556+55 KM	RT	-	-	-	-	-	-	-	-	-	1	1
0010	15 - 4	1557+10 KM	RT	24 x 24	W12-1D	1	-	-	-	-	-	4.0	1	1
0010	15 - 5	1556+65 KM	RT	36 x 12	R6-1R	-	-	1	-	-	3.0	-	-	-
0010	15 - 6	1556+65 KM	RT	36 x 36	R1-1	-	-	-	-	-	7.46	-	1	1
0010	15 - 7	1556+65 KM	RT	30 x 24	R6-3A	-	-	-	-	-	5.0	-	-	-
0010	15 - 8	1556+75 KM	RT	-	-	-	-	-	-	-	-	-	1	1
0010	15 - 9	1556+85 KM	RT	48 x 57	J3-2	-	-	1	-	-	19.0	-	1	1
0010	15 - 10	1554+75 KL	LT	36 x 36	R5-57	-	1	-	-	-	9.0	-	1	1
0010	15 - 11	1555+10 KO	RT	36 x 36	R5-57	-	1	-	-	-	9.0	-	1	1
0010	15 - 12	1554+40 KN	LT	24 x 57	J3-1	-	-	1	-	-	9.5	-	1	1
0010	15 - 13	1554+20 KN	LT	-	-	-	-	-	-	-	-	-	1	-
0010	15 - 14	1554+45 KN	RT	36 x 12	R6-1R	-	-	1	-	-	3.0	-	-	-
0010	15 - 15	1554+45 KN	RT	36 x 36	R1-1	-	-	-	-	-	7.46	-	1	1
0010	15 - 16	1554+45 KN	RT	30 x 24	R6-3A	-	-	-	-	-	5.0	-	-	-
0010	15 - 17	1554+10 KN	LT	24 x 24	W12-1D	1	-	-	-	-	-	4.0	1	1
0010	15 - 18	1554+45 KN	RT	36 x 36	R1-1	-	1	-	-	-	7.46	-	1	1
0010	15 - 19	1554+45 KN	RT	24 x 57	J3-1	-	-	1	-	-	9.5	-	1	1
TOTAL 0010						8	58	54	55	29	1766.88	231.25	173	225

MARKING OUTFALL EPOXY

CATEGORY	STATION	LOCATION	646.5520 EACH	STATION	LOCATION	646.5520 EACH	STATION	LOCATION	646.5520 EACH	STATION	LOCATION	646.5520 EACH	STATION	LOCATION	646.5520 EACH
0010	745+60 NB	RT + LT	2	925+90 NB	RT	1	1197+05 NB	RT + LT	2	1361+85 NB	RT	1	1536+75 NB	RT + LT	2
0010	749+15 NB	RT + LT	2	929+40 NB	RT	1	1201+05 NB	RT	1	1365+80 NB	RT	1	1544+75 NB	RT + LT	2
0010	753+15 NB	RT	1	933+40 NB	RT	1	1202+10 NB	LT	1	1368+80 NB	RT	1	1546+75 NB	RT + LT	2
0010	757+15 NB	RT + LT	2	941+40 NB	RT	2	1209+05 NB	RT + LT	2	1370+80 NB	RT	1	1548+75 NB	RT + LT	2
0010	761+15 NB	RT + LT	2	945+40 NB	RT	1	1213+00 NB	RT + LT	2	1374+30 NB	RT + LT	2	1552+75 NB	RT + LT	2
0010	765+15 NB	RT + LT	2	949+40 NB	RT	1	1217+00 NB	RT + LT	2	1377+30 NB	RT + LT	2	1556+50 NB	RT + LT	2
0010	769+15 NB	RT + LT	2	952+90 NB	LT	1	1221+00 NB	RT + LT	2	1380+30 NB	RT + LT	2	1560+65 NB	LT	1
0010	773+15 NB	RT	1	953+40 NB	RT	1	1225+00 NB	RT + LT	2	1382+30 NB	RT + LT	2	1564+65 NB	LT	1
0010	777+15 NB	RT	1	953+70 NB	LT	1	1229+00 NB	RT + LT	2	1384+30 NB	RT + LT	2	1568+65 NB	LT	1
0010	778+15 NB	LT	1	957+20 NB	RT	1	1233+00 NB	RT + LT	2	1388+30 NB	RT	1	1572+70 NB	LT	1
0010	781+15 NB	RT + LT	2	960+20 NB	LT	1	1236+95 NB	RT + LT	2	1392+30 NB	RT	1	746+35 SB	RT + LT	2
0010	786+15 NB	LT	1	961+20 NB	RT	1	1240+80 NB	LT	1	1396+30 NB	RT	1	749+40 SB	RT + LT	2
0010	789+50 NB	LT	1	963+20 NB	LT	1	1240+95 NB	RT	1	1400+30 NB	RT	1	752+70 SB	RT + LT	2
0010	793+50 NB	LT	1	967+20 NB	RT	1	1244+95 NB	RT + LT	2	1404+25 NB	RT	1	757+35 SB	RT + LT	2
0010	795+50 NB	LT	1	968+20 NB	LT	1	1248+95 NB	RT + LT	2	1407+75 NB	RT	1	761+35 SB	RT + LT	2
0010	803+50 NB	LT	1	970+20 NB	RT	1	1252+95 NB	RT + LT	2	1417+75 NB	RT	1	765+35 SB	RT + LT	2
0010	805+50 NB	LT	1	973+20 NB	RT	1	1256+95 NB	RT + LT	2	1421+20 NB	RT	1	769+40 SB	RT + LT	2
0010	807+50 NB	LT	1	976+20 NB	RT + LT	2	1260+95 NB	RT + LT	2	1424+75 NB	RT + LT	2	772+60 SB	RT + LT	2
0010	811+50 NB	LT	1	978+70 NB	RT + LT	4	1264+95 NB	RT + LT	2	1426+70 NB	LT	1	775+90 SB	RT + LT	2
0010	814+50 NB	LT	1	980+70 NB	LT	1	1268+85 NB	RT + LT	2	1428+75 NB	RT + LT	2	778+40 SB	RT + LT	2
0010	818+10 NB	LT	1	984+20 NB	LT	1	1272+85 NB	RT + LT	2	1431+80 NB	RT + LT	2	781+35 SB	RT + LT	2
0010	829+70 NB	RT+LT	2	988+20 NB	LT	1	1276+85 NB	LT	1	1434+75 NB	RT + LT	2	786+15 SB	LT	1
0010	833+10 NB	RT+LT	2	993+95 NB	LT	1	1280+85 NB	LT	1	1444+25 NB	RT + LT	2	787+35 SB	LT	1
0010	837+10 NB	LT	1	994+40 NB	RT	1	1284+85 NB	LT	1	1448+25 NB	RT + LT	2	789+45 SB	LT	1
0010	841+25 NB	RT+LT	2	995+95 NB	LT	1	1288+85 NB	LT	1	1450+25 NB	RT	1	791+25 SB	LT	1
0010	845+15 NB	RT+LT	2	1117+20 NB	RT	1	1292+85 NB	LT	1	1452+25 NB	RT + LT	2	793+65 SB	LT	1
0010	849+15 NB	RT + LT	2	1121+00 NB	RT + LT	2	1296+80 NB	LT	1	1454+40 NB	LT	1	795+45 SB	LT	1
0010	853+15 NB	RT	1	1125+00 NB	RT + LT	2	1300+80 NB	LT	1	1458+25 NB	RT	1	801+35 SB	LT	1
0010	857+15 NB	RT	1	1129+00 NB	RT + LT	2	1303+75 NB	LT	1	1468+80 NB	RT	1	803+50 SB	LT	1
0010	859+50 NB	RT	2	1131+00 NB	RT + LT	2	1305+75 NB	LT	1	1473+90 NB	RT	1	805+50 SB	LT	1
0010	862+10 NB	RT	1	1135+05 NB	RT + LT	2	1307+75 NB	LT	1	1476+75 NB	RT	1	807+50 SB	LT	1
0010	865+55 NB	RT	1	1139+05 NB	LT	1	1309+75 NB	LT	1	1480+75 NB	RT	1	809+40 SB	LT	1
0010	869+00 NB	LT	1	1143+05 NB	LT	1	1311+75 NB	RT + LT	2	1484+75 NB	RT	1	811+55 SB	LT	1
0010	869+35 NB	RT	1	1147+05 NB	LT	1	1315+70 NB	LT	1	1488+75 NB	RT	1	814+55 SB	LT	1
0010	873+65 NB	RT	1	1151+05 NB	RT + LT	2	1323+75 NB	LT	1	1492+75 NB	RT	1	819+75 SB	LT	1
0010	879+50 NB	LT	1	1155+05 NB	RT + LT	2	1324+00 NB	RT	1	1495+75 NB	RT + LT	2	822+90 SB	LT	1
0010	883+50 NB	LT	1	1159+05 NB	RT + LT	2	1327+90 NB	RT + LT	2	1498+70 NB	RT + LT	2	825+30 SB	LT	1
0010	887+50 NB	LT	1	1163+05 NB	RT + LT	2	1331+75 NB	RT + LT	2	1503+20 NB	RT + LT	2	829+50 SB	RT + LT	2
0010	890+50 NB	LT	2	1167+05 NB	RT + LT	2	1335+75 NB	RT + LT	2	1507+20 NB	RT + LT	2	832+90 SB	RT + LT	2
0010	894+30 NB	LT	1	1171+05 NB	RT + LT	2	1339+75 NB	RT + LT	2	1511+25 NB	RT + LT	2	833+95 SB	RT + LT	2
0010	898+30 NB	LT	1	1175+05 NB	RT + LT	2	1343+75 NB	RT + LT	2	1515+25 NB	RT + LT	2	835+15 SB	RT + LT	2
0010	902+30 NB	LT	1	1179+05 NB	RT + LT	2	1345+75 NB	RT + LT	2	1519+25 NB	RT + LT	2	843+00 SB	RT + LT	2
0010	911+40 NB	RT	1	1183+05 NB	RT + LT	2	1349+75 NB	RT + LT	2	1526+25 NB	RT + LT	2	847+05 SB	RT + LT	2
0010	915+40 NB	RT	1	1187+05 NB	RT + LT	2	1353+75 NB	RT + LT	2	1529+70 NB	RT + LT	2	851+00 SB	RT	1
0010	919+40 NB	RT	1	1193+05 NB	RT + LT	2	1357+75 NB	RT + LT	2	1533+25 NB	RT + LT	2	854+00 SB	RT	1
		SUBTOTAL	59		SUBTOTAL	66		SUBTOTAL	72		SUBTOTAL	67		SUBTOTAL	68

3

MARKING OUTFALL EPOXY (CONTINUED)

STATION	LOCATION	646.5520 EACH
859+15 SB	RT	1
865+90 SB	RT	1
868+35 SB	RT	1
871+25 SB	RT	1
875+50 SB	RT	1
878+50 SB	RT	1
882+35 SB	RT	1
886+40 SB	RT	1
889+65 SB	RT	1
894+70 SB	RT	1
897+85 SB	LT	1
898+10 SB	RT	1
901+85 SB	RT	1
902+85 SB	LT	1
905+85 SB	LT	1
905+95 SB	RT	1
908+20 SB	LT	1
910+00 SB	RT	1
911+85 SB	LT	1
914+00 SB	RT	1
917+90 SB	RT	1
920+45 SB	RT	1
931+85 SB	RT	1
935+85 SB	RT	1
939+85 SB	RT	1
942+85 SB	RT	1
943+80 SB	LT	1
946+85 SB	RT	1
947+55 SB	LT	1
949+85 SB	RT	1
952+85 SB	RT	1
954+70 SB	LT	1
956+70 SB	RT + LT	2
960+85 SB	RT + LT	2
964+35 SB	RT + LT	2
967+00 SB	RT	1
967+05 SB	LT	1
969+35 SB	RT + LT	2
972+35 SB	RT + LT	2
975+80 SB	RT + LT	2
978+35 SB	RT + LT	2
980+40 SB	RT + LT	2
982+45 SB	LT	1
985+35 SB	LT	1
988+35 SB	LT	1
	SUBTOTAL	53
	TOTAL 0010	511

STATION	LOCATION	646.5520 EACH
992+15 SB	LT	1
995+60 SB	LT	1
1120+25 SB	RT	1
1124+20 SB	RT + LT	2
1128+20 SB	RT + LT	2
1131+20 SB	RT	1
1132+20 SB	LT	1
1135+05 SB	LT	1
1137+15 SB	LT	1
1141+15 SB	LT	1
1145+15 SB	LT	1
1149+15 SB	RT + LT	2
1153+20 SB	RT + LT	2
1157+05 SB	RT + LT	2
1161+05 SB	RT + LT	2
1165+05 SB	RT + LT	2
1169+05 SB	RT + LT	2
1173+05 SB	RT + LT	2
1177+05 SB	RT + LT	2
1181+05 SB	RT + LT	2
1185+05 SB	RT + LT	2
1193+05 SB	RT + LT	2
1197+05 SB	RT + LT	2
1201+05 SB	RT + LT	2
1203+45 SB	LT	1
1209+05 SB	RT + LT	2
1213+00 SB	RT + LT	2
1217+00 SB	RT + LT	2
1221+00 SB	RT + LT	2
1225+00 SB	RT + LT	2
1229+00 SB	RT + LT	2
1233+00 SB	RT + LT	2
1237+00 SB	RT + LT	2
1240+85 SB	RT + LT	2
1245+00 SB	RT + LT	2
1249+00 SB	RT + LT	2
1253+00 SB	RT + LT	2
1257+00 SB	RT + LT	2
1261+00 SB	RT + LT	2
1265+00 SB	RT + LT	2
1269+00 SB	RT + LT	2
1273+00 SB	RT + LT	2
1277+00 SB	RT + LT	2
1281+00 SB	RT + LT	2
1285+00 SB	RT + LT	2
	SUBTOTAL	80

STATION	LOCATION	646.5520 EACH
1289+00 SB	LT	1
1296+00 SB	LT	1
1300+00 SB	LT	1
1304+00 SB	RT + LT	2
1306+00 SB	RT	1
1310+05 SB	RT + LT	2
1312+05 SB	RT + LT	2
1314+05 SB	RT + LT	2
1318+05 SB	RT	1
1324+00 SB	LT	1
1326+00 SB	LT	1
903+35 VJ	RT	2
908+20 VJ	RT	1
916+45 VJ	RT	2
915+90 VG	LT	1
920+60 VG	LT	1
922+40 VG	RT	1
926+00 VG	RT	1
927+40 VK	RT	1
934+40 VK	RT	1
937+35 VK	RT	1
932+60 VH	LT	1
935+85 VH	LT	1
942+10 VH	LT	1
1305+90 DJ	LT	1
1307+90 DJ	LT	2
1305+75 DK	RT	1
1309+90 DK	RT	2
1313+80 DK	RT	1
1317+05 DK	RT	1
1320+30 DK	LT	1
1331+75 DL	RT	1
1335+75 DL	RT	1
1426+65 GK	RT	1
1431+25 GK	RT	1
1452+05 GL	RT	1
1454+75 GL	RT	1
1542+25 KN	RT	1
	SUBTOTAL	46

SPECIAL(04. VERIFY LANDMARK REFERENCE MONUMENTS)

CATEGORY	STATION	LOCATION	SPV.0060.04 EACH
0010	994+37 NB	RT	1
0010	26+45 VN	LT	1
	TOTAL 0010		2

SPECIAL(01. CONCRETE JOINT AND CRACK CLEANING AND REPAIR)

CATEGORY	LOCATION	SPV.0090.01 LF
0010	USH 151 MAINLINE	11500
0010	VV RAMPS	750
0010	CTH VV/TWIN LANE ROAD	200
0010	SOUTH STH 73 RAMPS	600
0010	STH 16/60 RAMPS	300
0010	NORTH STH 73 RAMPS	250
	TOTAL 0010	13600

SPECIAL(03. PROFILE CURB CUT)

CATEGORY	STATION	TO	STATION	LOCATION	SPV.0090.03 LF
0010	30+85 VN	-	31+93 VN	LT	216
0010	35+37 VN	-	36+45 VN	LT	216
				TOTAL 0010	432

SPECIAL(04. CONCRETE CURB INTEGRAL TYPE TBT)

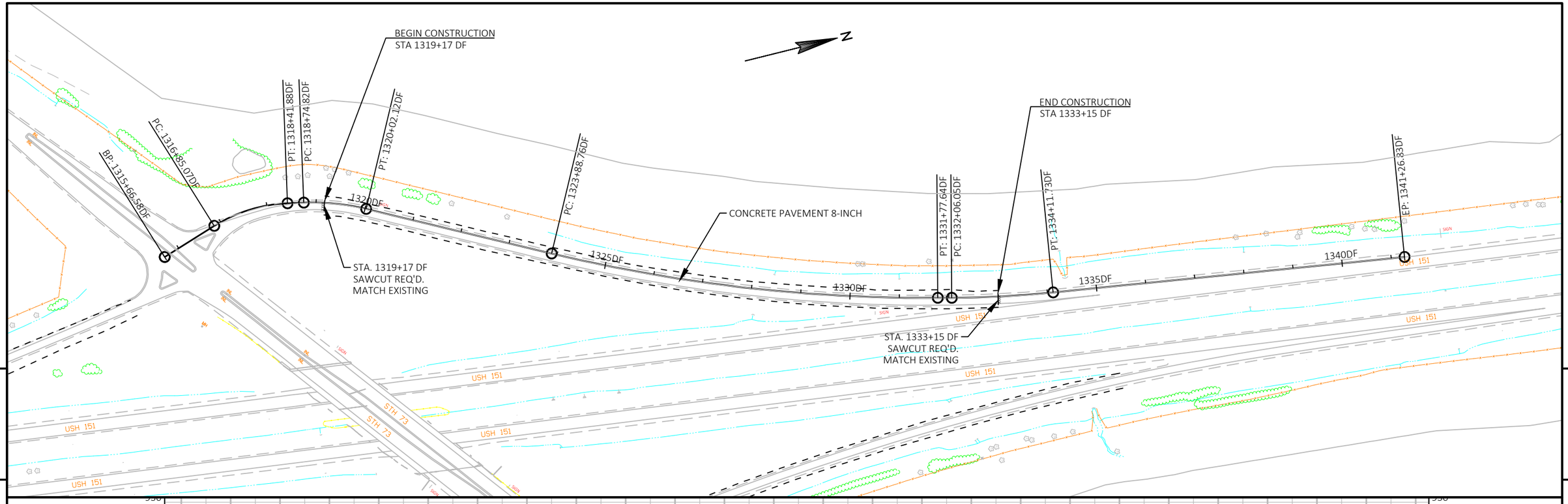
CATEGORY	STATION	TO	STATION	LOCATION	SPV.0090.04 LF
0010	1440+72 NB	-	1440+80 NB	LT	8
0010	97+75 K	-	98+02 K	RT	27
				TOTAL 0010	35

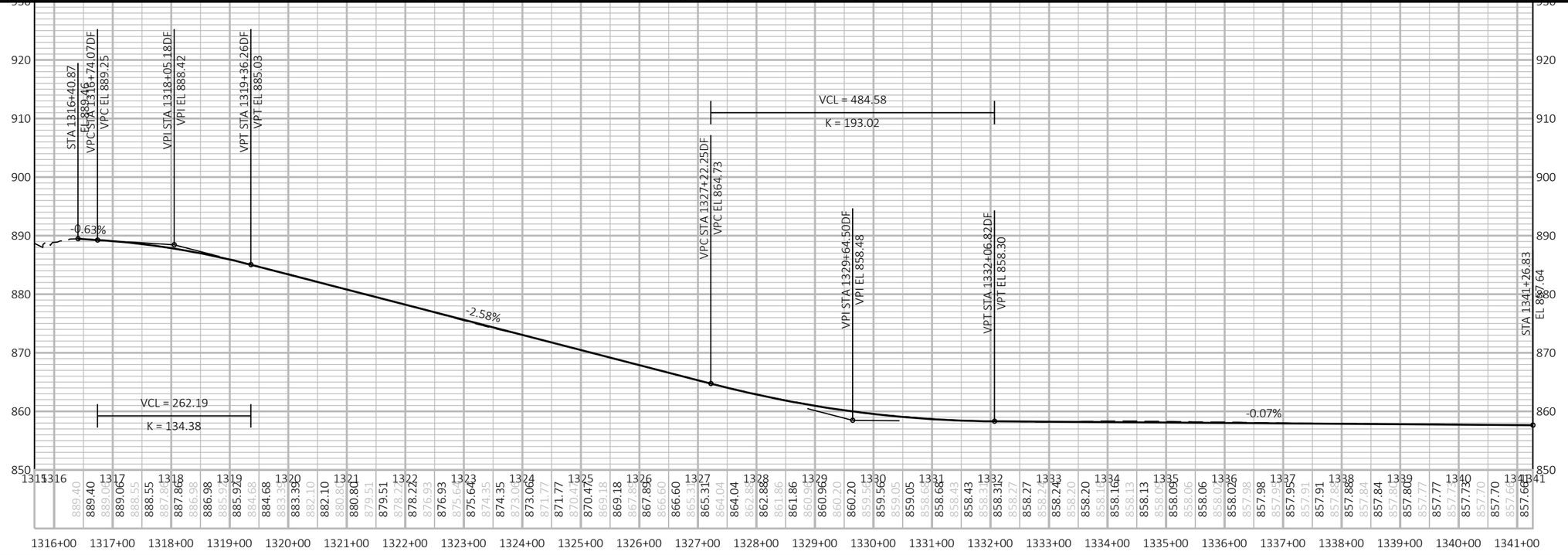
SPECIAL(01. CLEANING BOX CULVERT B-11-86)

CATEGORY	STATION	LOCATION	SPV.0105.01 LS
0010	1455+75 NB		1
		TOTAL 0010	1

PWL MIXTURE USE TABLE

Location	Station	Mixture Use	Underlying Surface	Bid Item	Tons	Thickness	Quality Management Program to be used for Mixture Acceptance	Quality Management Program to be used for Density Acceptance
Driving Lanes, 2 - 12 foot lanes	745+08 NB - 1585+50 NB	Lower Layer	Concrete	HMA Pavement 4 HT 58-28 S	18883	1.75"	PWL Incentive Air Voids HMA Pavement 460.2010	Incentive Density PWL HMA Pavement 460.2005
Mainline 4 foot shoulder	745+08 NB - 1585+50 NB	Lower Layer	Relayed millings	HMA Pavement 4 HT 58-28 S	3147	1.75"	PWL Incentive Air Voids HMA Pavement 460.2010	Acceptance testing by the department; Not eligible for incentive
Mainline 10 foot shoulder	745+08 NB - 1585+50 NB	Lower Layer	Concrete & Relayed millings	HMA Pavement 4 HT 58-28 S	7868	1.75"	PWL Incentive Air Voids HMA Pavement 460.2010	Acceptance testing by the department; Not eligible for incentive
Driving Lanes, 2 - 12 foot lanes	745+08 NB - 1585+50 NB	Upper layer	HMA Pavement 4 HT 58-28 S	HMA Pavement 4 HT 58-28 H	18883	1.75"	PWL Incentive Air Voids HMA Pavement 460.2010	Incentive Density PWL HMA Pavement 460.2005
Mainline 4 foot shoulder	745+08 NB - 1585+50 NB	Upper layer	HMA Pavement 4 HT 58-28 S	HMA Pavement 4 HT 58-28 H	3147	1.75"	PWL Incentive Air Voids HMA Pavement 460.2010	Acceptance testing by the department; Not eligible for incentive
Mainline 10 foot shoulder	745+08 NB - 1585+50 NB	Upper layer	HMA Pavement 4 HT 58-28 S	HMA Pavement 4 HT 58-28 H	7868	1.75"	PWL Incentive Air Voids HMA Pavement 460.2010	Acceptance testing by the department; Not eligible for incentive
Driving Lanes, 2 - 12 foot lanes	Sta. 743+22 SB - 1330+00 SB	Lower Layer	Concrete	HMA Pavement 4 HT 58-28 S	12098	1.75"	PWL Incentive Air Voids HMA Pavement 460.2010	Incentive Density PWL HMA Pavement 460.2005
Mainline 4 foot shoulder	Sta. 743+22 SB - 1330+00 SB	Lower Layer	Relayed millings	HMA Pavement 4 HT 58-28 S	2016	1.75"	PWL Incentive Air Voids HMA Pavement 460.2010	Acceptance testing by the department; Not eligible for incentive
Mainline 10 foot shoulder	Sta. 743+22 SB - 1330+00 SB	Lower Layer	Concrete & Relayed millings	HMA Pavement 4 HT 58-28 S	5041	1.75"	PWL Incentive Air Voids HMA Pavement 460.2010	Acceptance testing by the department; Not eligible for incentive
Driving Lanes, 2 - 12 foot lanes	Sta. 743+22 SB - 1330+00 SB	Upper layer	HMA Pavement 4 HT 58-28 S	HMA Pavement 4 HT 58-28 H	12098	1.75"	PWL Incentive Air Voids HMA Pavement 460.2010	Incentive Density PWL HMA Pavement 460.2005
Mainline 4 foot shoulder	Sta. 743+22 SB - 1330+00 SB	Upper layer	HMA Pavement 4 HT 58-28 S	HMA Pavement 4 HT 58-28 H	2016	1.75"	PWL Incentive Air Voids HMA Pavement 460.2010	Acceptance testing by the department; Not eligible for incentive
Mainline 10 foot shoulder	Sta. 743+22 SB - 1330+00 SB	Upper layer	HMA Pavement 4 HT 58-28 S	HMA Pavement 4 HT 58-28 H	5041	1.75"	PWL Incentive Air Voids HMA Pavement 460.2010	Acceptance testing by the department; Not eligible for incentive
Ramp driving lane, 15 foot	All Ramps	Lower Layer	Concrete	HMA Pavement 4 HT 58-28 S	2892	1.75"	PWL Incentive Air Voids HMA Pavement 460.2010	Acceptance testing by the department; Not eligible for incentive
Ramp driving lane, 15 foot	All Ramps	Upper layer	HMA Pavement 4 HT 58-28 S	HMA Pavement 4 HT 58-28 H	2892	1.75"	PWL Incentive Air Voids HMA Pavement 460.2010	Acceptance testing by the department; Not eligible for incentive
Ramp shoulder, 3 foot	All Ramps	Lower layer	Relayed millings	HMA Pavement 4 HT 58-28 S	578	1.75"	PWL Incentive Air Voids HMA Pavement 460.2010	Acceptance testing by the department; Not eligible for incentive
Ramp shoulder, 3 foot	All Ramps	Upper layer	HMA Pavement 4 HT 58-28 S	HMA Pavement 4 HT 58-28 H	578	1.75"	PWL Incentive Air Voids HMA Pavement 460.2010	Acceptance testing by the department; Not eligible for incentive
Ramp shoulder, 5 foot	All Ramps	Lower layer	Relayed millings	HMA Pavement 4 HT 58-28 S	964	1.75"	PWL Incentive Air Voids HMA Pavement 460.2010	Acceptance testing by the department; Not eligible for incentive
Ramp shoulder, 5 foot	All Ramps	Upper layer	HMA Pavement 4 HT 58-28 S	HMA Pavement 4 HT 58-28 H	964	1.75"	PWL Incentive Air Voids HMA Pavement 460.2010	Acceptance testing by the department; Not eligible for incentive
Lanes and shoulders	Sta. 100+93 K - 107+25 K	Upper layer	Milled existing HMA surface	HMA Pavement 4 LT 58-28 S	372	2.5"	QMP as per SS 460	Incentive Density HMA Pavement 460.2000
Shoulders	Sta. 25+45 VN - 41+00 VN	Upper layer	Base aggregate dense	HMA Pavement 4 LT 58-28 S	366	3.5"	QMP as per SS 460	Incentive Density HMA Pavement 460.2000
Maintenance Crossovers	Various locations	Upper layer	Existing HMA pavement	HMA Pavement 4 HT 58-28 S	512	1.75" to 3.5"	QMP as per SS 460	Incentive Density HMA Pavement 460.2000
Ramp shoulders	Sta. 1319+17 DF - 1333+15 DF	One layer	Base aggregate dense	HMA Pavement 4 LT 58-28 S	243	3.5"	QMP as per SS 460	Incentive Density HMA Pavement 460.2000





PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	PLAN AND PROFILE: USH 151 SB EXIT RAMP AT STH 73 - DF LINE	SHEET 150 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\050101_PP.DWG
LAYOUT NAME - 1

PLOT DATE : 4/27/2018 7:19 AM PLOT BY : JOHNSON, JOHN R PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

Standard Detail Drawing List

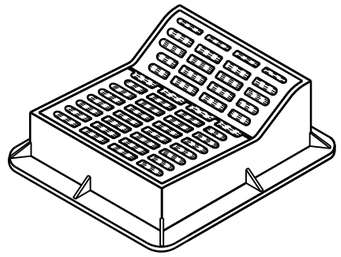
08A05-19C	INLET COVERS TYPE F, HM, HM-S, S, T, V, HM-GJ, & HM-GJ-S
08C07-02	INLETS 2X2-FT, 2X2.5-FT, 2X3-FT AND 2.5X3-FT
08D01-20A	CONCRETE CURB & GUTTER
08D01-20B	CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS
08D02-06	CONCRETE SURFACE DRAINS FLUME TYPE AT STRUCTURES
08D03-07	CONCRETE SURFACE DRAINS DROP INLET TYPE AT STRUCTURES
08D15-05A	EDGEDRAIN OUTLET AND OUTFALL MARKERS
08D15-05B	EDGEDRAIN AND BASE AGGREGATE OPEN GRADED
08E08-03	TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS
08E09-06	SILT FENCE
08E10-02	INLET PROTECTION TYPE A, B, C AND D
08F01-11	APRON ENDWALLS FOR CULVERT PIPE
08F04-07	JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL
08F07-05	STEEL APRON ENDWALLS FOR CULVERT PIPE AND PIPE ARCH SLOPED SIDE FRAINS
13A05-05A	SHOULDER RUMBLE STRIP, MILLING
13A05-05B	SHOULDER RUMBLE STRIP, MILLING
13B02-08A	CONCRETE PAVEMENT APPROACH SLAB
13C01-19	CONCRETE PAVEMENT LONGITUDINAL JOINTS AND TIES
13C09-15A	CONCRETE PAVEMENT REPAIR AND REPLACEMENT
13C09-15B	CONCRETE PAVEMENT REPAIR AND REPLACEMENT
13C09-15C	CONCRETE PAVEMENT REPAIR AND REPLACEMENT
13C11-12A	RURAL DOWELED CONCRETE PAVEMENT
13C11-12B	RURAL DOWELED CONCRETE PAVEMENT
13C14-07A	BASE PATCHING CONCRETE
13C14-07B	BASE PATCHING CONCRETE
13C14-07C	BASE PATCHING CONCRETE
14B26-03A	STEEL THRIE BEAM BULLNOSE TERMINAL
14B26-03B	STEEL THRIE BEAM BULLNOSE TERMINAL
14B26-03C	STEEL THRIE BEAM BULLNOSE TERMINAL
14B26-03D	STEEL THRIE BEAM BULLNOSE TERMINAL
14B26-03E	STEEL THRIE BEAM BULLNOSE TERMINAL
14B42-05A	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-05B	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-05C	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-05D	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B44-03A	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B44-03B	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B44-03C	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B45-04A	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-04B	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-04C	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-04F	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B47-02A	MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL
14B47-02B	MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL
14B47-02C	MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL
15A02-09	DELINEATOR POST, DELINEATOR REFLECTOR AND DELINEATOR BRACKET WITH REFLECTIVE SHEETING
15C02-06A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C02-06B	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C02-06C	DETOUR SIGNING FOR MAINLINE CLOSURES
15C04-04	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC
15C08-18A	LONGITUDINAL MARKING (MAINLINE)
15C11-07B	CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS
15C12-06	TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION
15C31-03A	PAVEMENT MARKING (RAMPS AND GORES)
15C31-03C	PAVEMENT MARKING FOR PARALLEL ON-RAMP AND PARALLEL OFF-RAMP
15C33-03	STOP LINE AND CROSSWALK PAVEMENT MARKING
15D12-06A	TRAFFIC CONTROL, LANE CLOSURE
15D12-06B	TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION
15D15-04A	TRAFFIC CONTROL, PARALLEL ENTRANCE RAMP WITHIN LANE CLOSURE
15D15-04B	TRAFFIC CONTROL, ENTRANCE RAMP WITHIN LANE CLOSURE
15D15-04C	TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE
15D15-04D	TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE
15D15-04E	TRAFFIC CONTROL, PARALLEL EXIT RAMP WITHIN LANE CLOSURE
15D16-03	TRAFFIC CONTROL, EXIT RAMP CLOSURE
15D27-03	TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 MPH
15D28-03	TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
15D38-02A	TEMPORARY TRAFFIC CONTROL SIGN MOUNTING

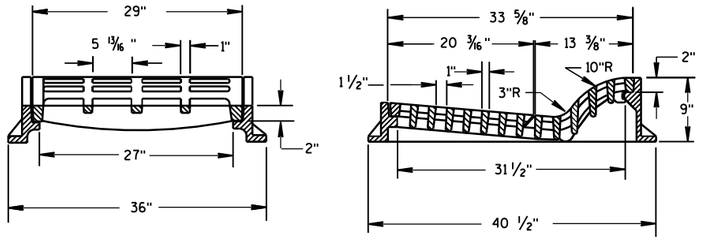
6

Standard Detail Drawing List

15D38-02B	ATTACHMENT OF SIGNS TO POSTS
15D39-02	TRAFFIC CONTROL, DROP-OFF SIGNING

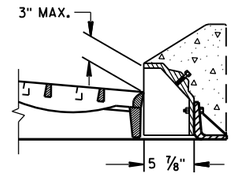
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TYPE "F"

USE WITH TYPES A & D CONCRETE CURB & GUTTER, 36 INCH.



ALTERNATIVE CURB BOX FOR TYPE "HM" COVER

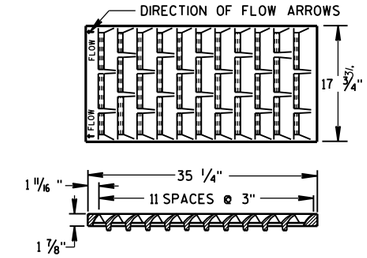
USE WITH TYPES G & J CONCRETE CURB & GUTTER, 30 INCH
NOTED AS TYPE HM-GJ ON DRAINAGE TABLE

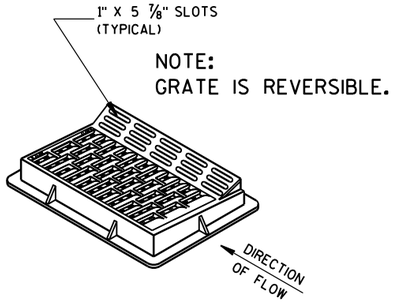
NOTE:
SPECIAL GRATE FOR THE
TYPE "H" COVER MAY ALSO BE
USED FOR THE TYPE "HM-GJ" COVER
NOTED AS TYPE HM-GJ-S ON DRAINAGE TABLE

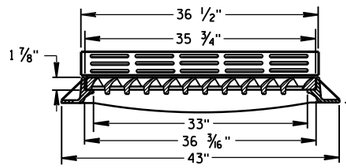
GENERAL NOTES

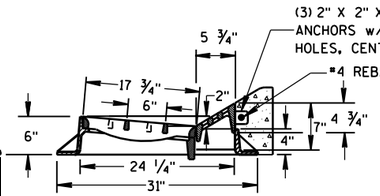
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.





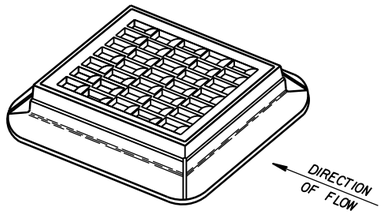


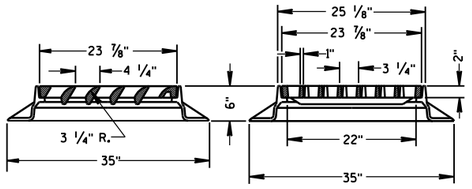


TYPE "HM"

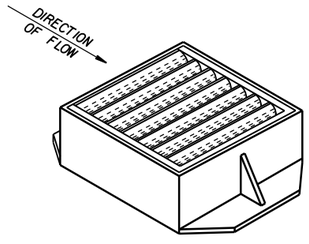
USE WITH TYPES A & D CONCRETE CURB & GUTTER, 36 INCH.

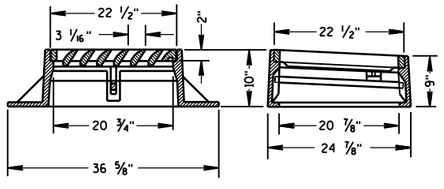
NOTE:
SPECIAL GRATE FOR THE
TYPE "H" COVER MAY ALSO BE
USED FOR THE TYPE "HM" COVER
NOTED AS TYPE HM-S ON DRAINAGE TABLE



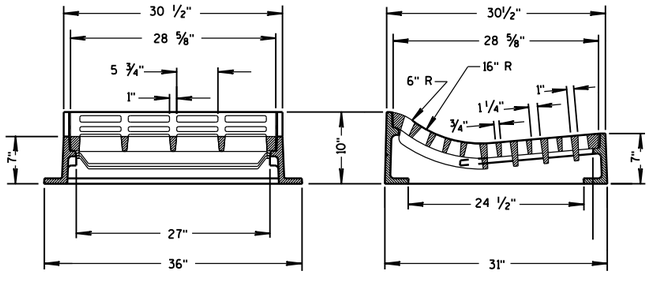


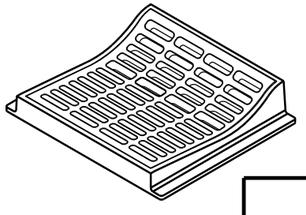
TYPE "S"





TYPE "V"





TYPE "T"

USE WITH TYPES R & T CONCRETE CURB & GUTTER, 36 INCH.

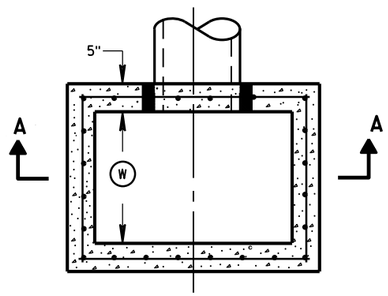
INLET COVERS
TYPE F, HM, HM-S, S, T, V, HM-GJ, & HM-GJ-S

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

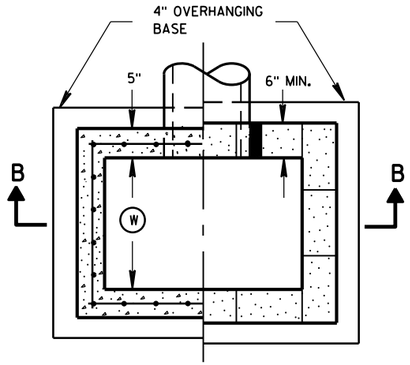
APPROVED
11/27/2013
DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS ENGINEER
FHWA

6

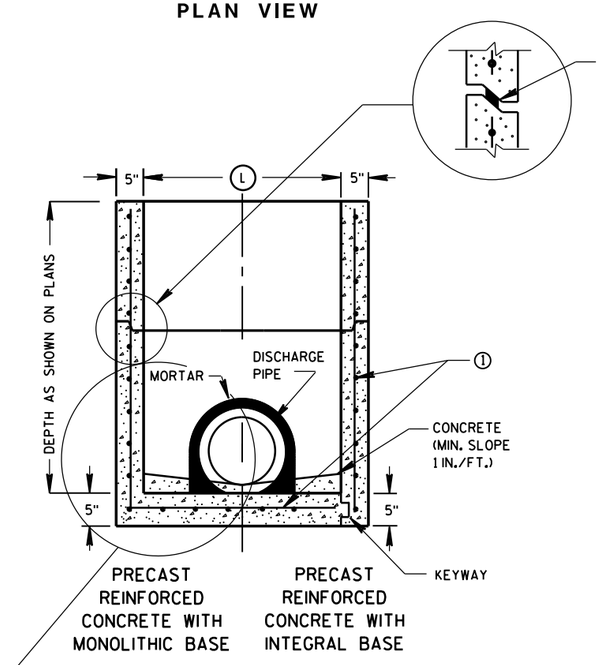
S.D.D. 8 A 5-19c



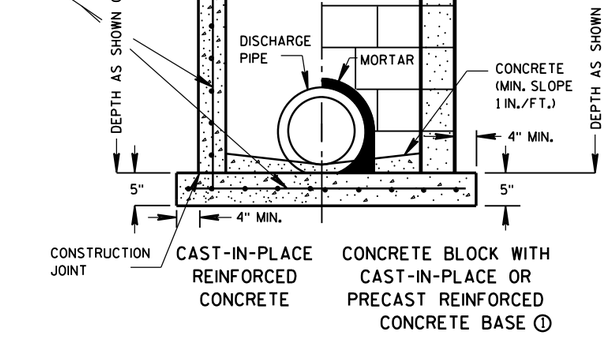
PLAN VIEW



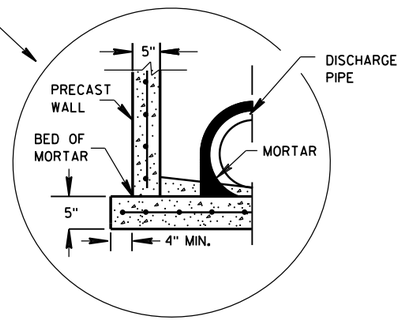
PLAN VIEW



SECTION A-A



SECTION B-B



SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

GENERAL NOTES

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

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST INLET UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF ASTM C 913.

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATES THE SIZE OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

4" OVERHANGING BASES ARE REQUIRED FOR CAST-IN-PLACE REINFORCED CONCRETE AND CONCRETE BLOCK INSTALLATIONS.
4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED.
OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

MAXIMUM INSIDE PIPE DIAMETER DETERMINED BY 3 INCH CLEARANCE ON EACH SIDE OF THE OUTSIDE WALL OF THE PIPE. SEE DETAIL "A". ASSUMES PIPE ENTERS PERPENDICULAR TO THE STRUCTURE.

① FOR PRECAST INLETS PROVIDE REINFORCING STEEL IN ACCORDANCE TO ASTM C 913.

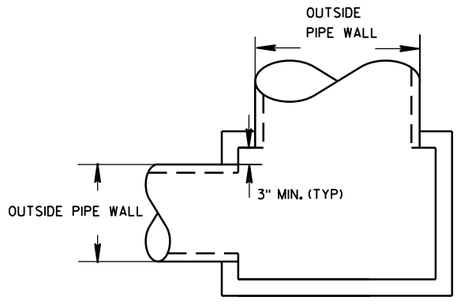
② CONTRACTOR TO PROVIDE DRAWING(S) STAMPED BY A PROFESSIONAL ENGINEER FOR STEEL REINFORCING DESIGN FOR CAST-IN-PLACE STRUCTURES.

INLET COVER MATRIX

INLET SIZE		INLET COVER TYPE	ALL A'S	ALL B'S	BW	F	ALL H'S	S	T	V	WM
	WIDTH (W) (FT)	LENGTH (L) (FT)									
2X2-FT	2	2	X	X				X		X	
2X2.5-FT	2	2.5			X			X	X	X	X
2X3-FT	2	3					X				
2.5X3-FT	2.5	3				X					

PIPE MATRIX

INLET SIZE	MAXIMUM INSIDE PIPE DIAMETER	
	WIDTH (IN)	LENGTH (IN)
2X2-FT	12	12
2X2.5-FT	12	18
2X3-FT	12	24
2.5X3-FT	18	24



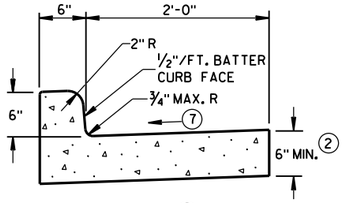
DETAIL "A"

INLETS 2X2-FT, 2X2.5-FT, 2X3-FT AND 2.5X3-FT

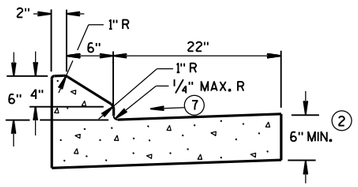
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept., 2016
DATE
/S/ Rodney Taylor
ROADWAY STANDARDS D IT
UNIT SUPERVIS
FHWA

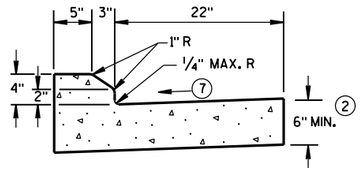
INLETS 2X2-FT, 2X2.5-FT, 2X3-FT AND 2.5X3-FT



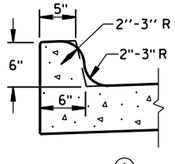
TYPES A (1) & D



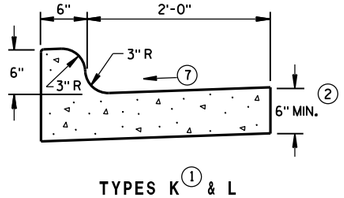
6" SLOPED CURB TYPES G (1) & J



4" SLOPED CURB TYPES G (1) & J

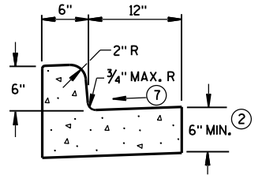


TYPES K (1) & L
(OPTIONAL CURB SHAPE)



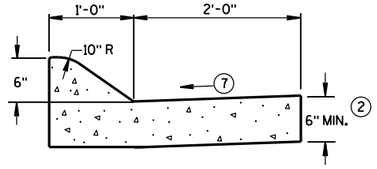
TYPES K (1) & L

CONCRETE CURB & GUTTER 30"

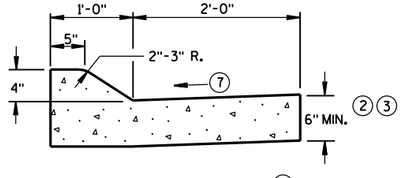


TYPES A (1) & D

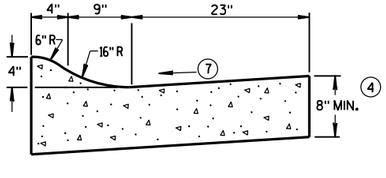
CONCRETE CURB & GUTTER 18"



6" SLOPED CURB TYPES A (1) & D

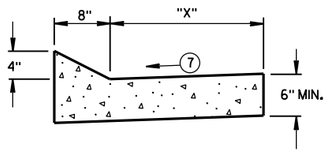


4" SLOPED CURB TYPES A (1) & D



4" SLOPED CURB TYPES R (1) & T (5)

CONCRETE CURB & GUTTER 36"



TYPES TBT & TBTT (1)

CONCRETE CURB & GUTTER

TBT & TBTT	"X"
30"	22"
36"	28"

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

INTEGRAL CURB & GUTTER SHALL CONFORM TO THE DETAILS SHOWN FOR CONCRETE CURB & GUTTER INCLUDING THE TRANSVERSE GUTTER SLOPE.

WHERE THE TRANSVERSE JOINTS IN THE PAVEMENT ARE REQUIRED TO BE SEALED, THE JOINTS IN THE INTEGRAL CURB AND GUTTER SHALL BE SEALED TO THE FACE OF CURB WITH THE SAME TYPE OF SEALANT. THE COST OF FURNISHING AND INSTALLING THIS SEALANT SHALL BE INCIDENTAL TO THE ITEM CONCRETE CURB AND GUTTER.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2'-0" BEHIND THE BACK OF CURBS.

(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTER TYPES A, G, K, R AND TBTT.

(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(3) USE 8" MINIMUM GUTTER THICKNESS WHEN USED WITH AN ADJACENT CONCRETE TRUCK APRON PLACED BEHIND BACK OF CURB.

(4) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 8" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(5) THE FACE OF CURB IS 6" FROM THE BACK OF CURB.

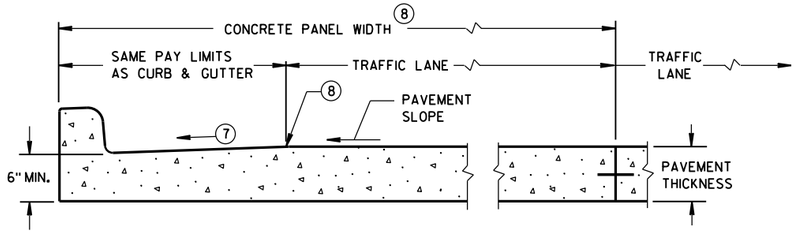
(6) WHEN REVERSE SLOPE GUTTER IS REQUIRED, THE LOCATION(S) WILL BE SHOWN ELSEWHERE IN THE PLAN.

(7) USE 4% GUTTER CROSS SLOPE UNLESS OTHERWISE NOTED IN THE PLANS.

(8) INCLUDE LONGITUDINAL JOINT AND TIE BARS ALONG LANE EDGE WHEN CONCRETE PANEL WIDTH EXCEEDS THE MAXIMUM WIDTH PER TABLE BELOW. LONGITUDINAL JOINT(S) ARE NOT ALLOWED WITHIN TRAFFIC LANES AND BIKE LANES. LONGITUDINAL JOINT MAY BE SAWED.

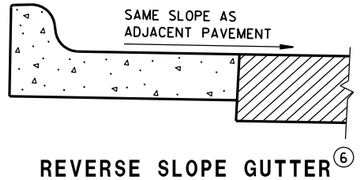
PAVEMENT THICKNESS AND MAXIMUM CONCRETE PANEL WIDTH TABLE

PAVEMENT THICKNESS	MAXIMUM PANEL WIDTH
LESS THAN 10"	12'
10" & ABOVE	15'



PARTIAL SECTION OF PAVEMENT *
WITH INTEGRAL CURB & GUTTER

* BIKE LANE IS NOT SHOWN.



REVERSE SLOPE GUTTER (6)
(TYPICAL FOR ALL CURB & GUTTER TYPES)

CONCRETE CURB & GUTTER

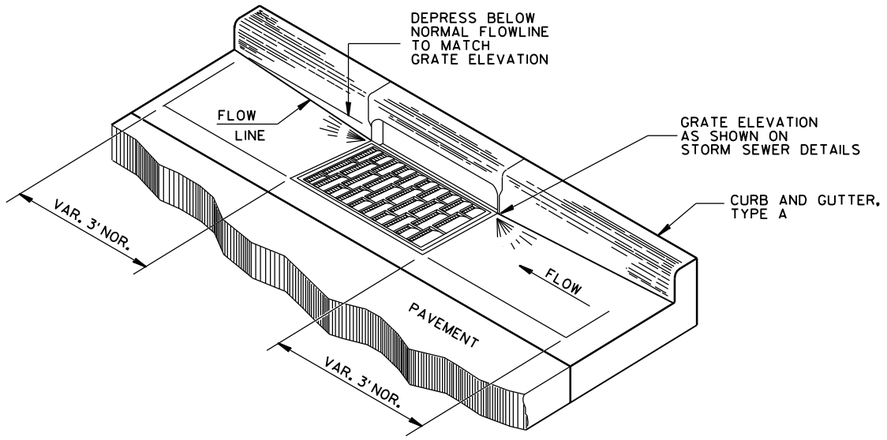
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

S.D.D. 8 D 1-20a

6

S.D.D. 8 D 1-20a



DETAIL OF CURB AND GUTTER AT INLETS

(TYPE H INLET COVER SHOWN)

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

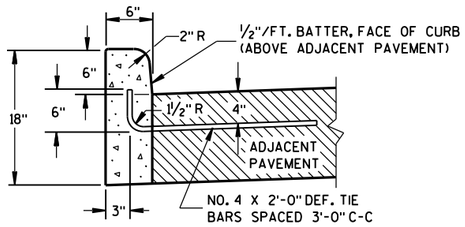
PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2'-0" BEHIND THE BACK OF CURBS.

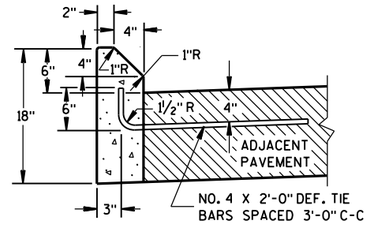
(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTER TYPES A, G, K, R AND TBTT.

(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(9) REFER TO SDD 8D18 AND SDD 8D19 FOR ADDITIONAL DRIVEWAY ENTRANCE CURB DETAILS.

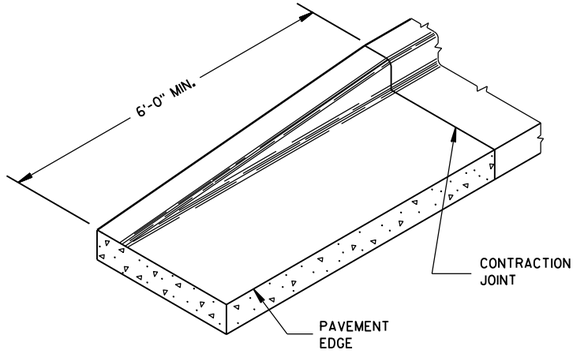


TYPES A(1) & D

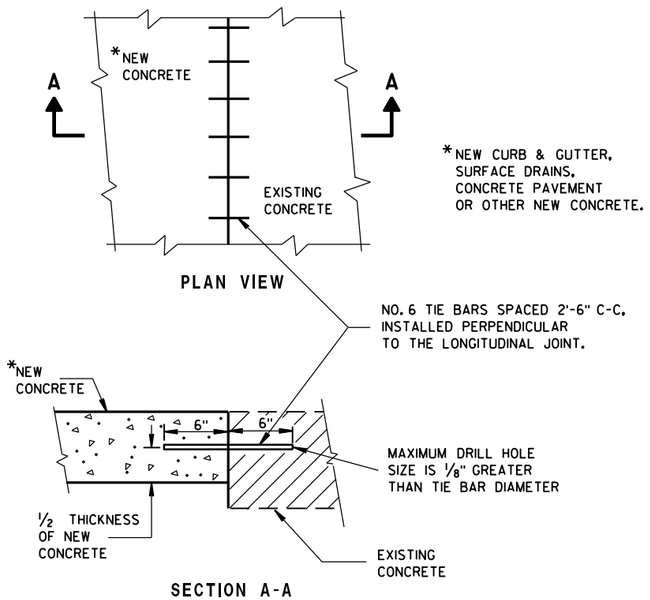


TYPES G(1) & J

CONCRETE CURB



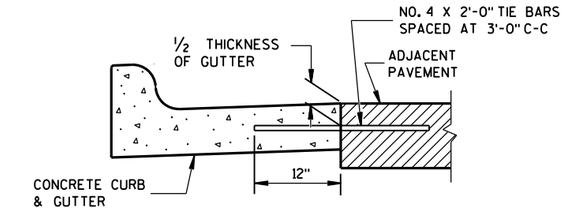
END SECTION CURB & GUTTER



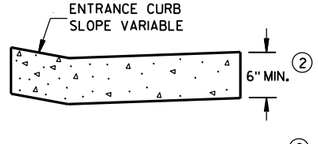
PLAN VIEW

SECTION A-A

TIE BARS DRILLED INTO EXISTING PAVEMENT



TYPICAL TIE BAR LOCATION (1)



DRIVEWAY ENTRANCE CURB (9)

(WHEN DIRECTED BY THE ENGINEER)

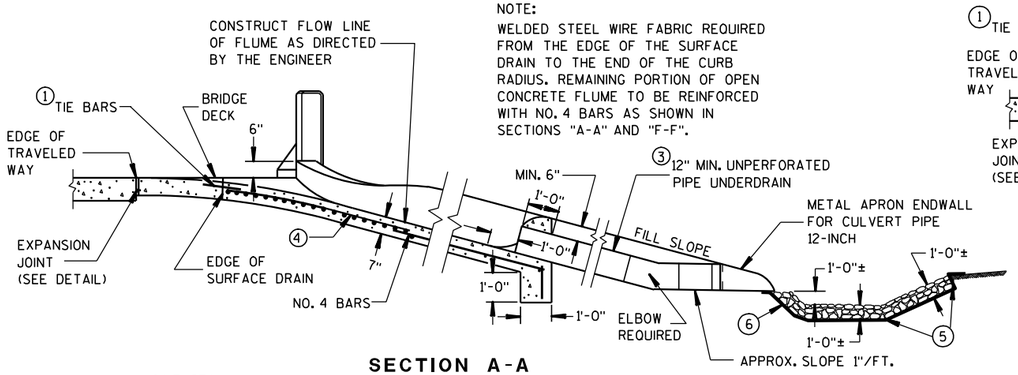
CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

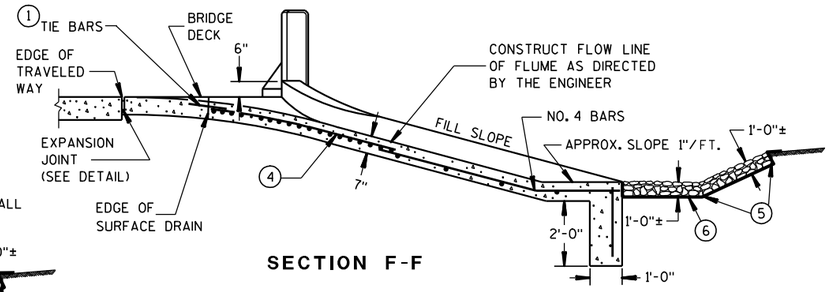
APPROVED
June, 2017 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS UNIT SUPERVISOR
FHWA

6

S.D.D. 8 D 1-20b



SECTION A-A



SECTION F-F

GENERAL NOTES

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

ALL STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

(1) NO. 4 X 2'-0" TIE BARS SPACED AT 3'-0" CENTERS TO BE USED ONLY WHEN ADJACENT TO P.C. CONCRETE.

(2) NO. 4 X 2'-0" TIE BARS SPACED AT 12" CENTERS TO BE PLACED BY BRIDGE CONTRACTOR, OR DRILLED TIE BARS PLACED AS DIRECTED BY THE ENGINEER.

(3) PIPE UNDERDRAIN MAY BE ANY OF THE MATERIALS LISTED IN SECTION 612.2 OF THE STANDARD SPECIFICATIONS EXCEPT DRAIN TILE.

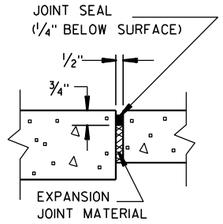
(4) MINIMUM REINFORCEMENT SHALL BE 6" X 6" - W4.0 X W4.0 OR NO. 3 BARS LONGITUDINAL AND TRANSVERSE SPACING 12" C-C.

(5) LIMITS OF ADDITIONAL RIPRAP WHEN SPECIAL DITCH IS REQUIRED.

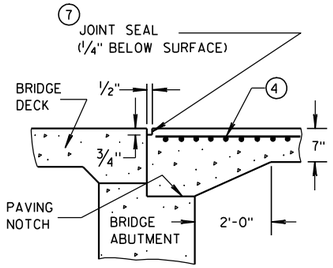
(6) GEOTEXTILE FABRIC, TYPE 'R"

(7) HOT POURED SEALANT UNLESS OTHERWISE SPECIFIED.

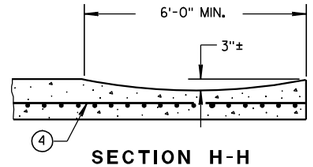
(8) THIS DIMENSION MAY VARY DEPENDING ON THE SPACING OF POSTS FOR THE STEEL PLATE BEAM GUARD. THE TYPICAL LOCATION FOR THE SURFACE DRAIN IS WHERE THE POST SPACING WIDENS TO 3'-1½".



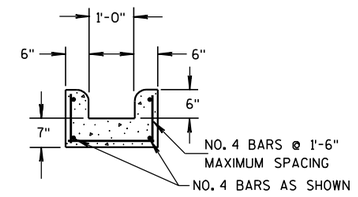
EXPANSION JOINT DETAIL



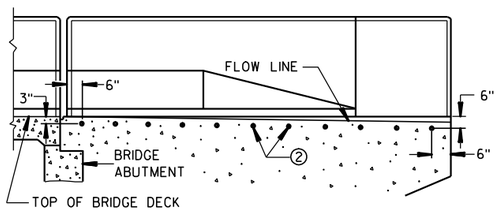
SECTION D-D



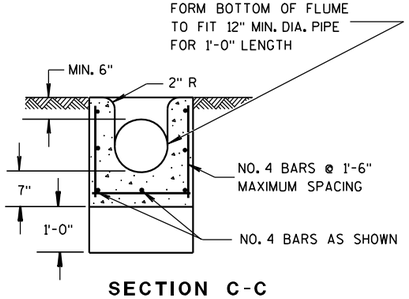
SECTION H-H



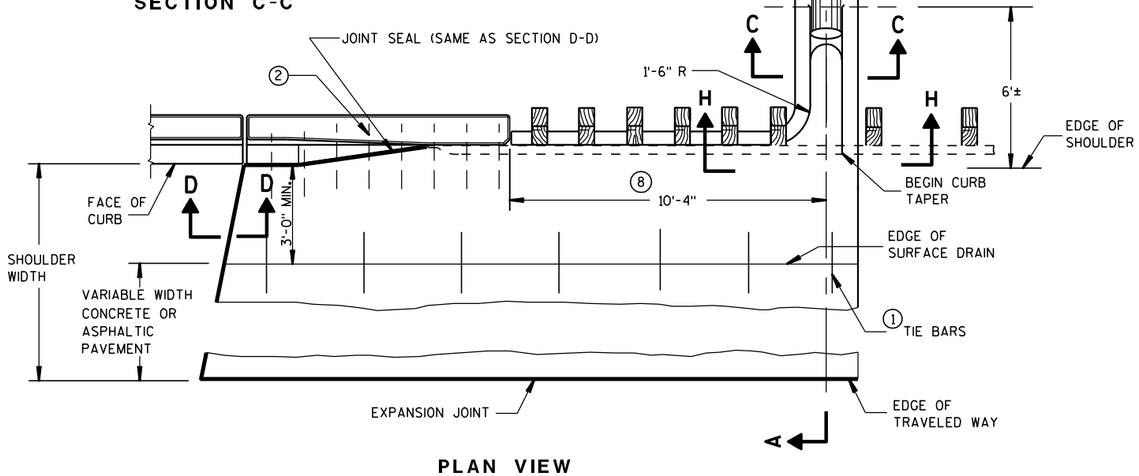
SECTION E-E



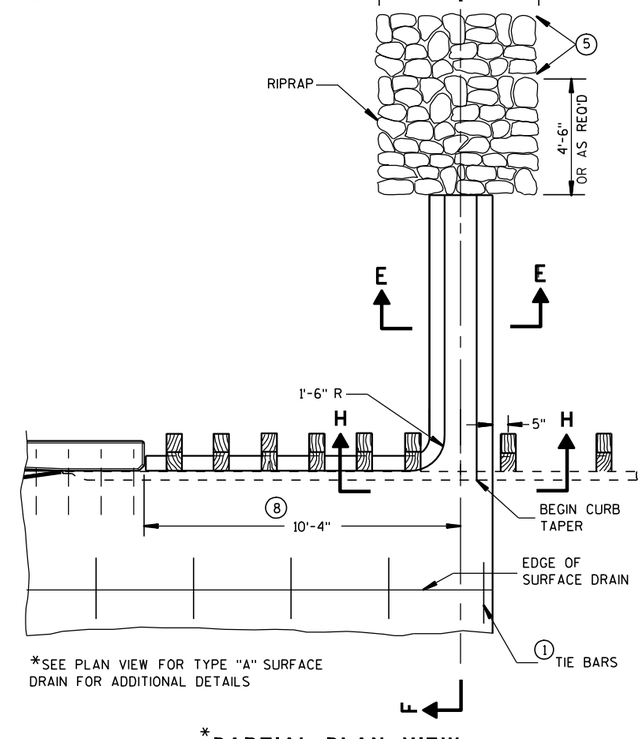
LOCATION OF TIE BARS IN WINGWALL



SECTION C-C



PLAN VIEW
SURFACE DRAIN WITH PIPE
TYPE "A"



*SEE PLAN VIEW FOR TYPE "A" SURFACE DRAIN FOR ADDITIONAL DETAILS

***PARTIAL PLAN VIEW**
SURFACE DRAIN WITHOUT PIPE
TYPE "B"

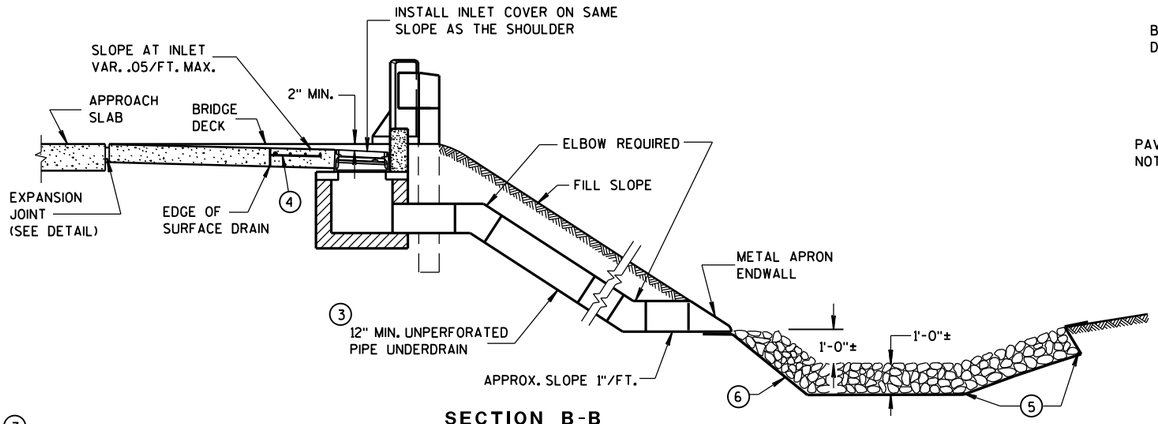
CONCRETE SURFACE DRAINS
FLUME TYPE
AT STRUCTURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

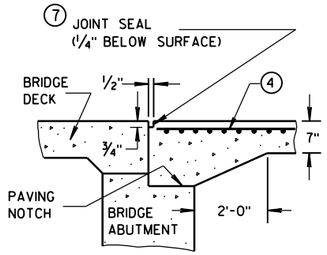
APPROVED
9/4/08 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS ENGINEER
FHWA

S.D.D. 8 D 2-6

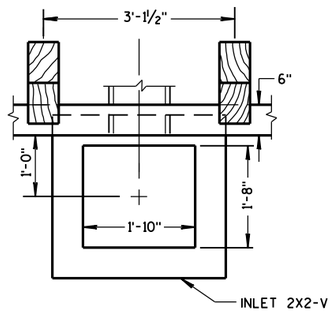
S.D.D. 8 D 2-6



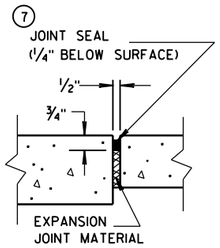
SECTION B-B



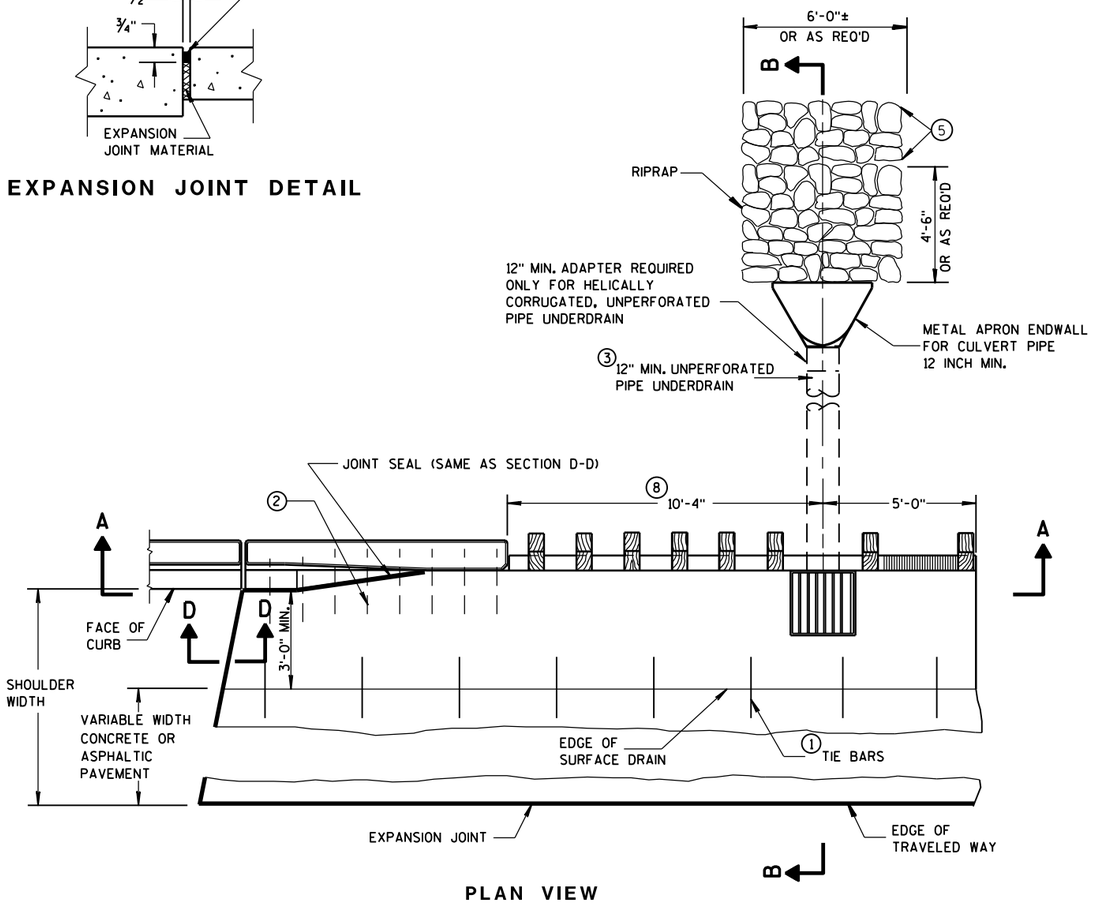
SECTION D-D



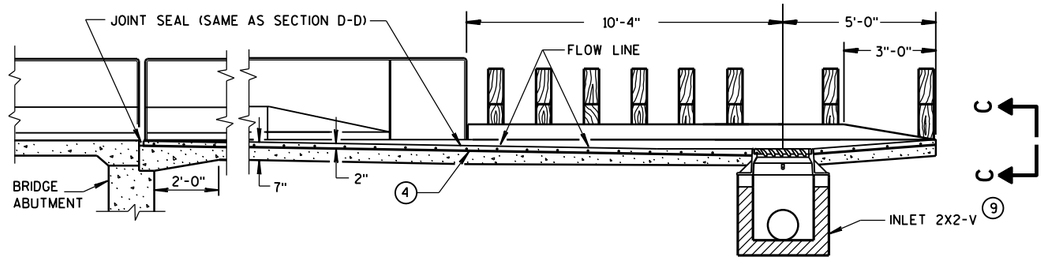
PLAN VIEW



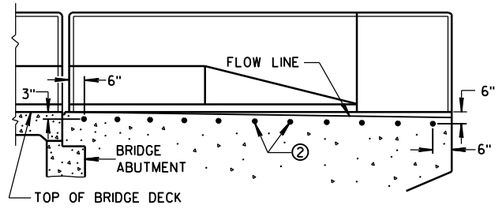
EXPANSION JOINT DETAIL



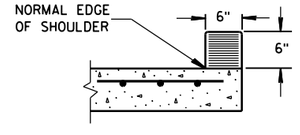
PLAN VIEW



SECTION A-A



LOCATION OF TIE BARS IN WINGWALL



SECTION C-C

GENERAL NOTES

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

ALL STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

(1) NO. 4 X 2'-0" TIE BARS SPACED AT 3'-0" CENTERS TO BE USED ONLY WHEN ADJACENT TO P.C. CONCRETE.

(2) NO. 4 X 2'-0" TIE BARS SPACED AT 12" CENTERS TO BE PLACED BY BRIDGE CONTRACTOR, OR DRILLED TIE BARS PLACED AS DIRECTED BY THE ENGINEER.

(3) THE PIPE UNDERDRAIN MAY BE ANY ONE OF THE SIX MATERIALS LISTED IN THE STANDARD SPECIFICATIONS SECTION 612.2 EXCEPT DRAIN TILE.

(4) MINIMUM REINFORCEMENT SHALL BE 6" X 6" - W4.0 X W4.0 OR NO. 3 BARS LONGITUDINAL AND TRANSVERSE SPACING 12" C-C.

(5) LIMITS OF ADDITIONAL RIPRAP WHEN SPECIAL DITCH IS REQUIRED.

(6) GEOTEXTILE FABRIC.

(7) HOT POURED SEALANT UNLESS OTHERWISE SPECIFIED.

(8) THIS DIMENSION MAY VARY DEPENDING ON THE SPACING OF POSTS FOR THE STEEL PLATE BEAM GUARD. THE TYPICAL LOCATION FOR THE SURFACE DRAIN IS WHERE THE POST SPACING WIDENS TO 3'-1½".

(9) SEE CURRENT STANDARD DETAIL DRAWINGS 8A5 AND 8C7 FOR DETAILS.

CONCRETE SURFACE DRAINS DROP INLET TYPE AT STRUCTURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2017 — DATE
/S/ Rodney Taylor
ROADWAY STANDARDS UNIT SUPERV...
FHWA

6

S.D.D. 8 D 3-7

6

S.D.D. 8 D 3-7

GENERAL NOTES

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

(1) UNPERFORATED PIPE UNDERDRAIN AND FITTINGS FURNISHED FOR OUTFALL PIPE SHALL MEET THE REQUIREMENTS OF ONE OF THE FOLLOWING SPECIFICATIONS:

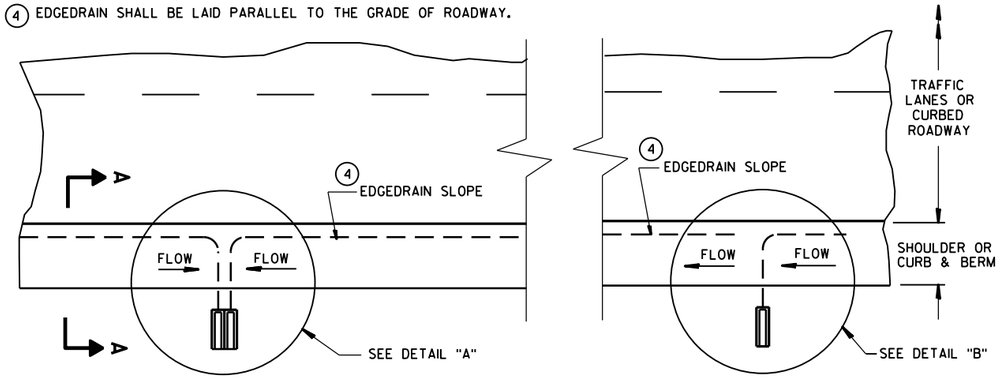
POLYVINYL CHLORIDE (PVC) PLASTIC DRAIN, WASTE, AND VENT PIPE AND FITTINGS, ASTM D 2665, SCHEDULE 40 PVC.

TYPE PSM POLYVINYL CHLORIDE (PVC) SEWER PIPE AND FITTINGS, ASTM D 3034, SDR 23.5 PVC SEWER PIPE.

(2) MAXIMUM SPACING OF EDGEDRAIN OUTLETS SHALL BE 250 FEET UNLESS OTHERWISE SPECIFIED IN THE CONTRACT OR DIRECTED BY THE ENGINEER.

(3) EDGEDRAIN SHALL BE CONNECTED TO INLETS REGARDLESS OF FLOW DIRECTION FOR DRAINAGE AND MAINTENANCE ACCESS.

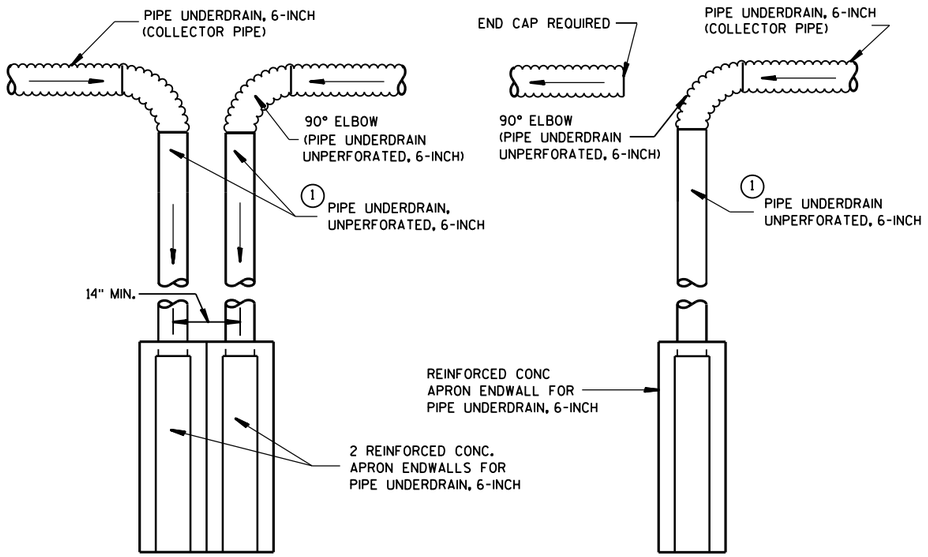
(4) EDGEDRAIN SHALL BE LAID PARALLEL TO THE GRADE OF ROADWAY.



PLAN VIEW

ROADWAY WITH SHOULDERS OR CURBS

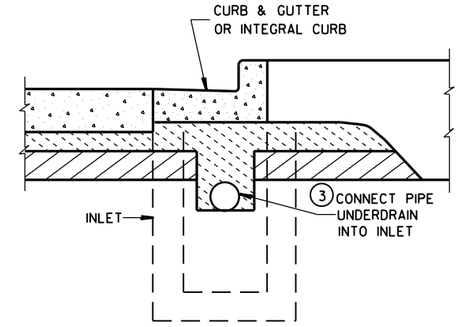
(EDGEDRAIN OUTLETS TO ROADSIDE)(2)



DETAIL "A"
TO BE USED AT LOW POINT LOCATIONS

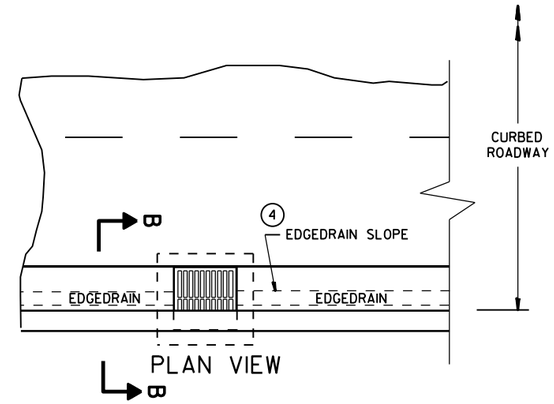
DETAIL "B"
TO BE USED AT INTERMEDIATE LOCATIONS

TYPICAL DRAIN OUT DETAILS



SECTION B-B

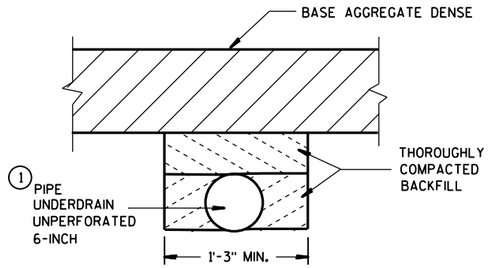
URBAN CROSS SECTION



PLAN VIEW

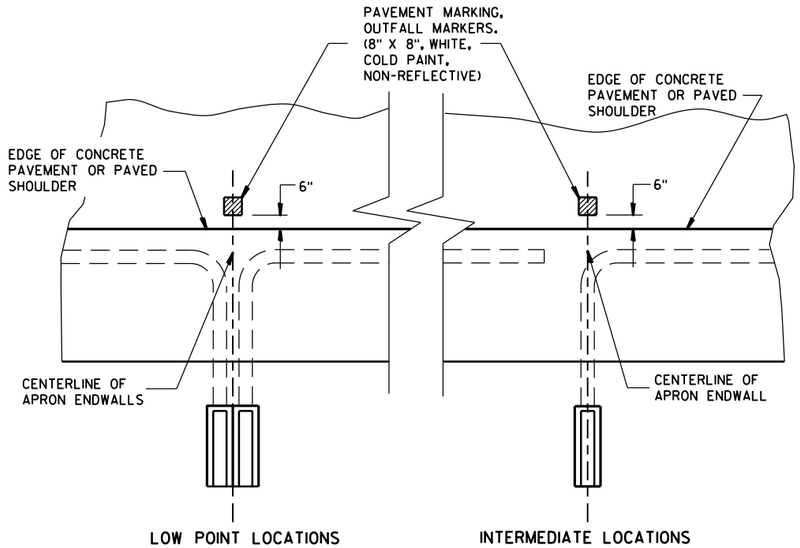
ROADWAY WITH CURBS

(EDGEDRAIN CONNECTS INTO INLET STRUCTURE)



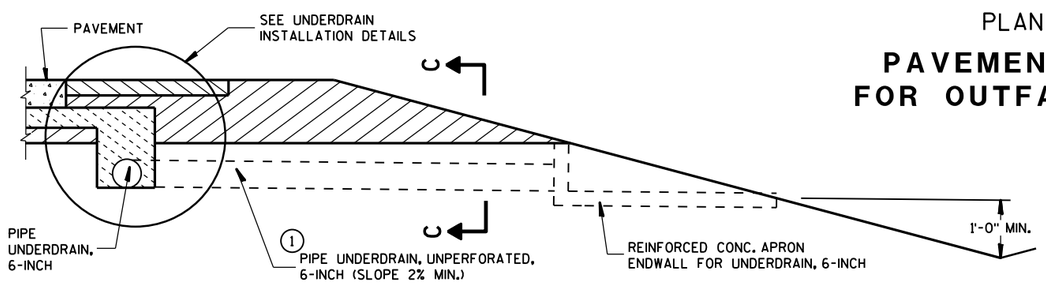
SECTION C-C

(TRENCH FOR OUTFALL PIPE)



PLAN VIEW

PAVEMENT MARKING FOR OUTFALL MARKERS



SECTION A-A

RURAL CROSS SECTION

EDGEDRAIN OUTLET AND OUTFALL MARKERS

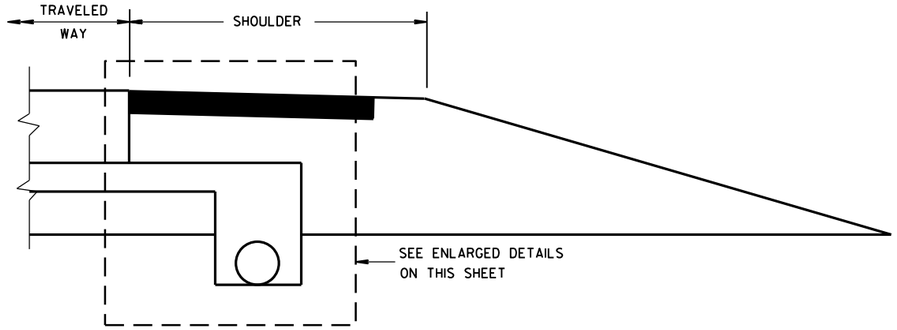
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6

S.D.D. 8 D 15-5a

6

S.D.D. 8 D 15-5a



RURAL CROSS SECTION

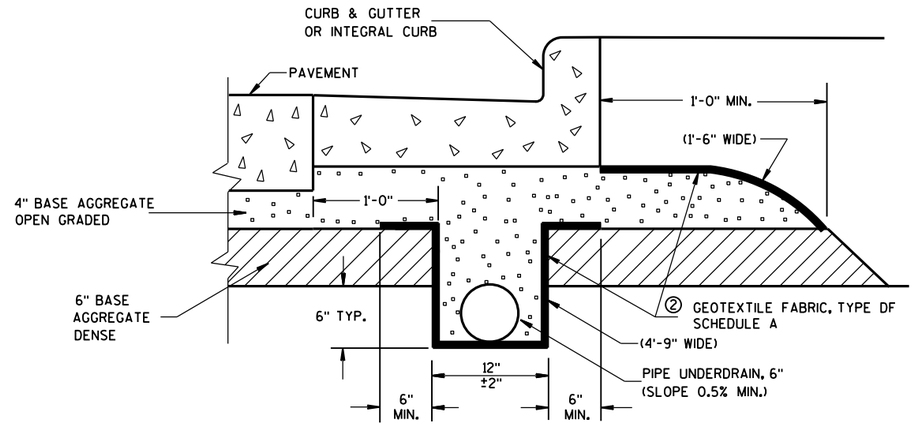
GENERAL NOTES

THE DIMENSIONS SHOWN ON THE TYPICAL CROSS SECTIONS WILL GOVERN IN THE EVENT THERE IS A CONFLICT WITH THE DETAILS SHOWN ON THIS DRAWING.

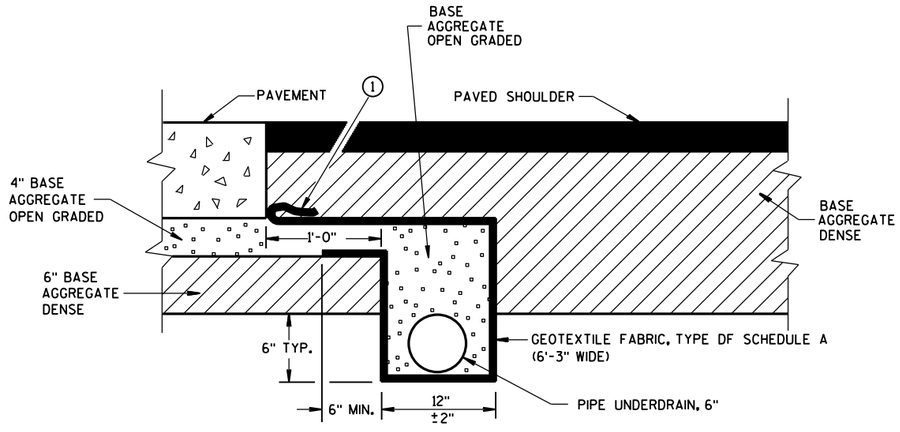
PIPE UNDERDRAIN SHALL BE LAID PARALLEL TO THE GRADE OF THE ROADWAY.

① FOLD OVER EXCESS GEOTEXTILE FABRIC AT THIS LOCATION.

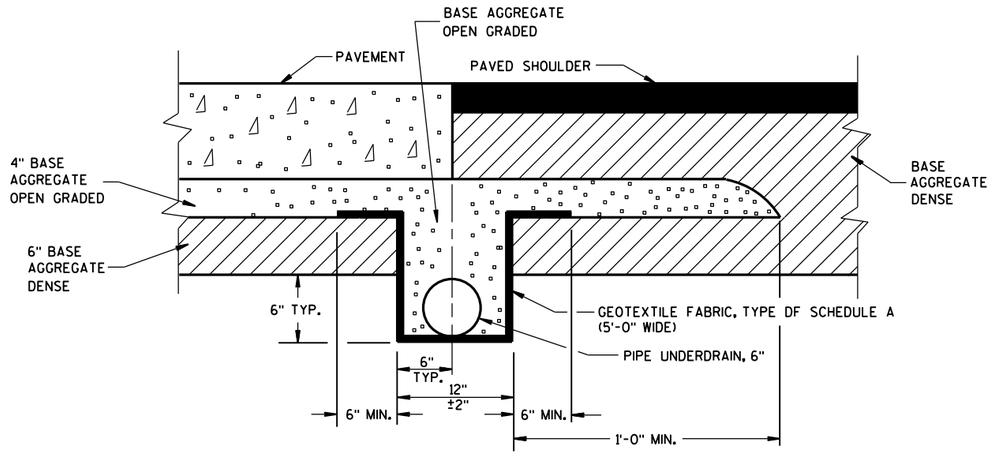
② TOTAL FABRIC WIDTH IS 6'-3" FOR PAYMENT.



EDGEDRAIN IN URBAN ROADWAY



POST PAVING INSTALLATION
(QUANTITIES ARE BASED ON THIS DETAIL)



PRE-PAVING INSTALLATION ALTERNATE

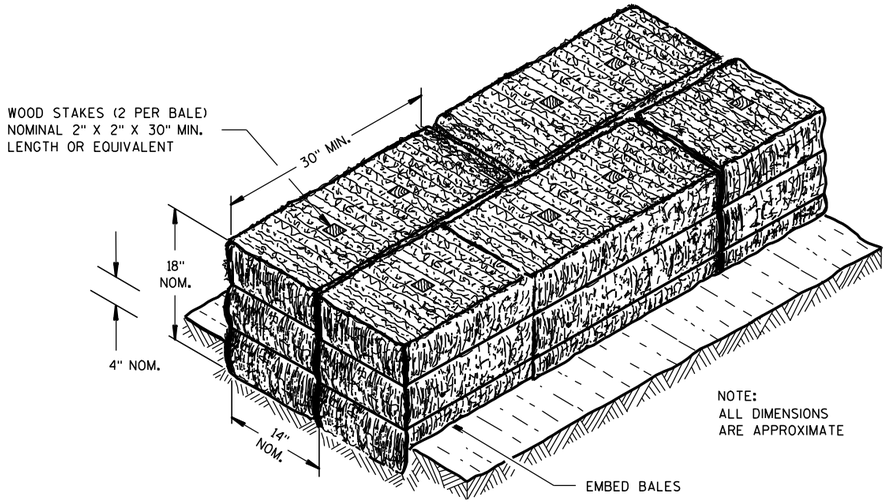
EDGEDRAIN IN RURAL ROADWAY

EDGEDRAIN AND BASE AGGREGATE OPEN GRADED

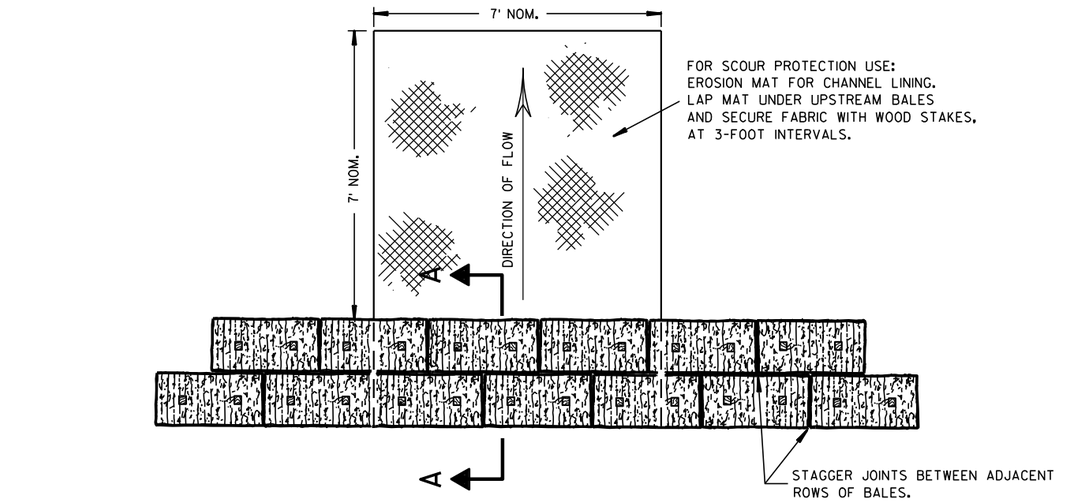
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept. 2015 — DATE
/S/ Peter Kemp, P.E. — PAVEMENT SUPE
FHWA

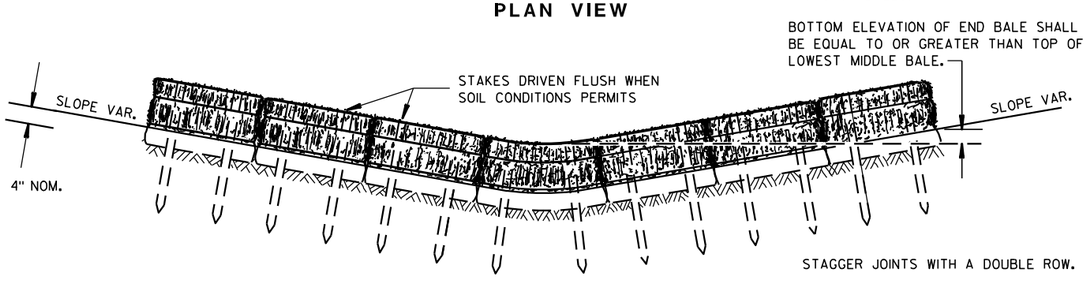
6
S.D.D. 8 D 15-5b



SECTION A-A



PLAN VIEW



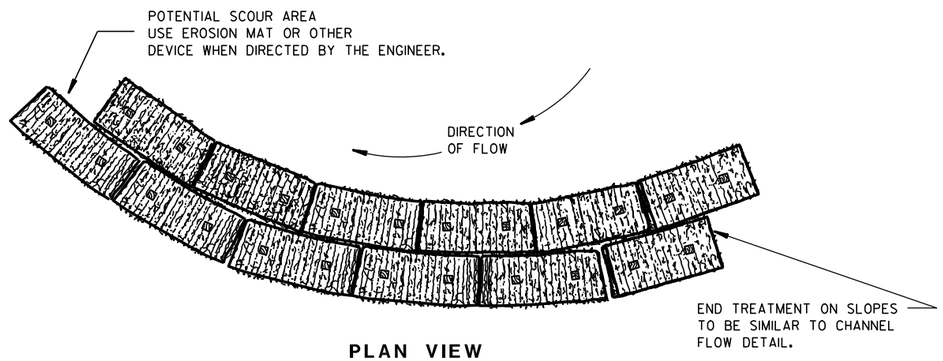
FRONT ELEVATION

TEMPORARY DITCH CHECK USING EROSION BALES ①

GENERAL NOTES

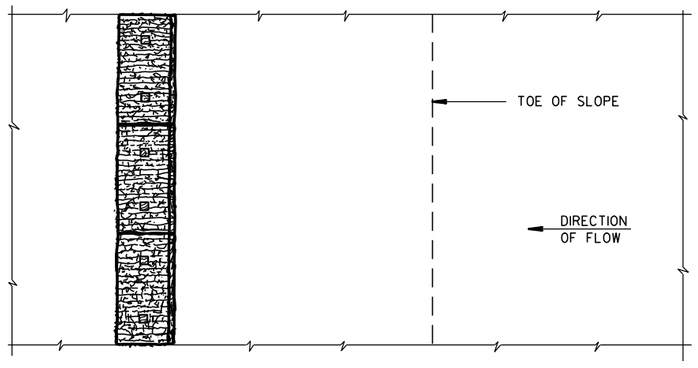
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

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

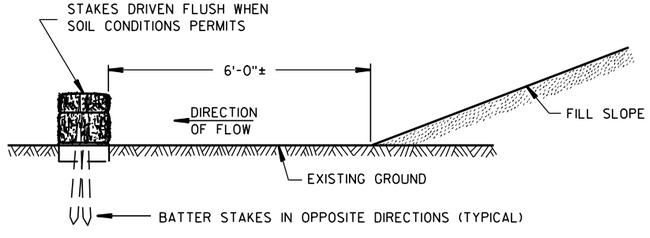


PLAN VIEW

WHEN ALTERING THE DIRECTION OF FLOW



PLAN VIEW



FRONT ELEVATION

WHEN EXISTING GROUND SLOPES AWAY FROM FILL SLOPE

EROSION BALES FOR SHEET FLOW

TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

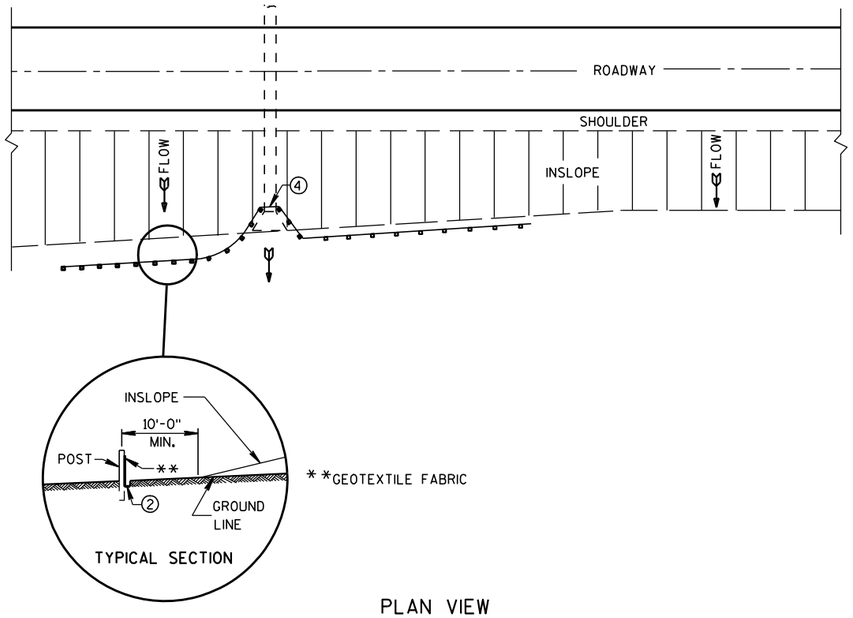
APPROVED
6/04/02 DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

6

S.D.D. 8 E 8-3

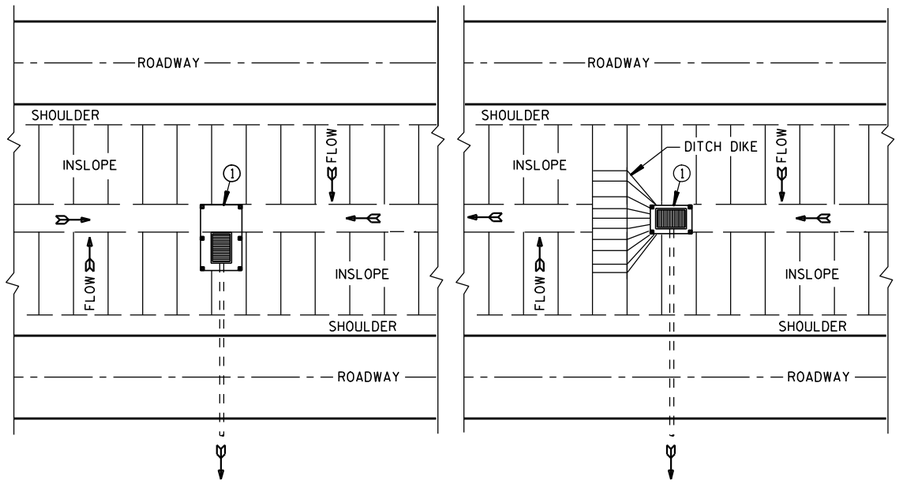
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S.D.D. 8 E 8-3



PLAN VIEW

TYPICAL APPLICATION OF SILT FENCE



PLAN VIEW

SILT FENCE AT MEDIAN SURFACE DRAINS

GENERAL NOTES

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

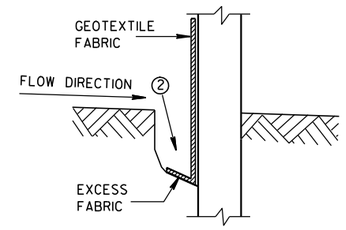
① HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.

② FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.

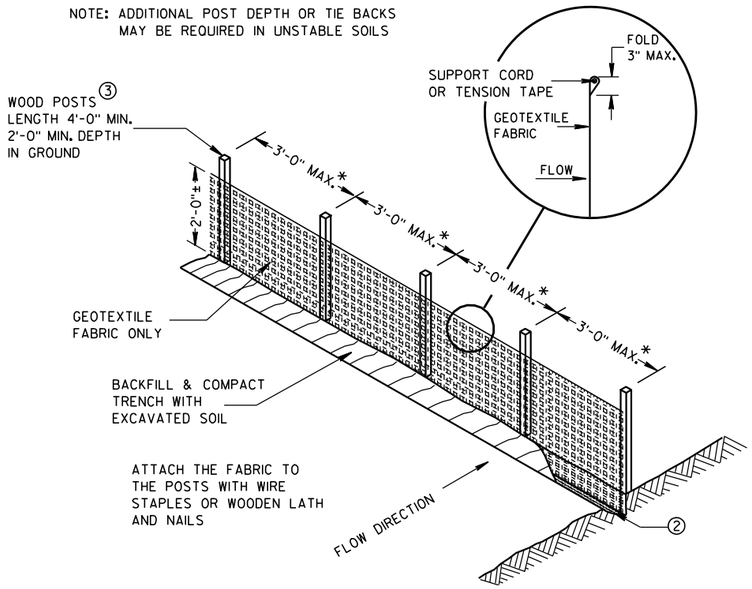
③ WOOD POSTS SHALL BE A MINIMUM SIZE OF 1⅛" X 1⅛" OF OAK OR HICKORY.

④ SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.

⑤ CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS; A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.

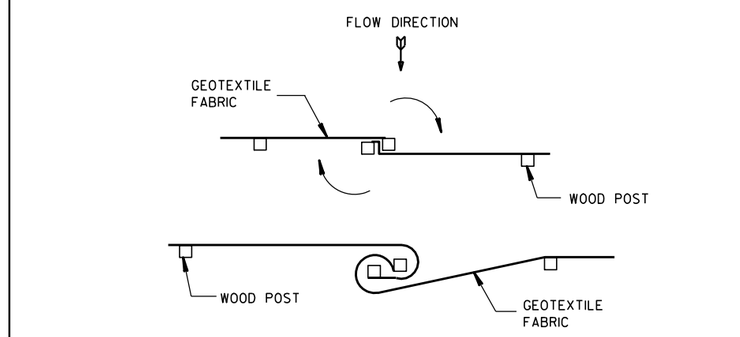


TRENCH DETAIL

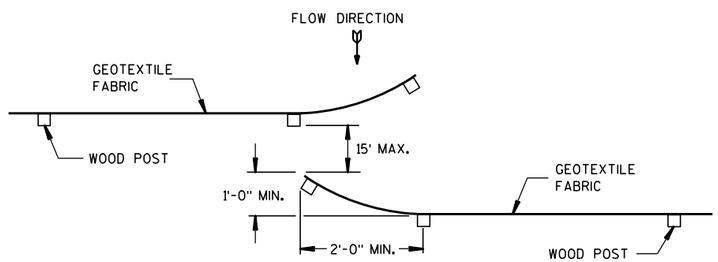


*NOTE: 8'-0" POST SPACING ALLOWED IF A WOVEN GEOTEXTILE FABRIC IS USED.

SILT FENCE

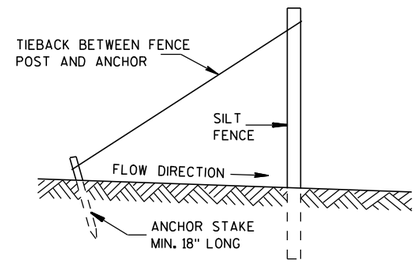


TWIST METHOD



HOOK METHOD

JOINING TWO LENGTHS OF SILT FENCE ⑤



SILT FENCE TIE BACK

(WHEN REQUIRED BY THE ENGINEER)

SILT FENCE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

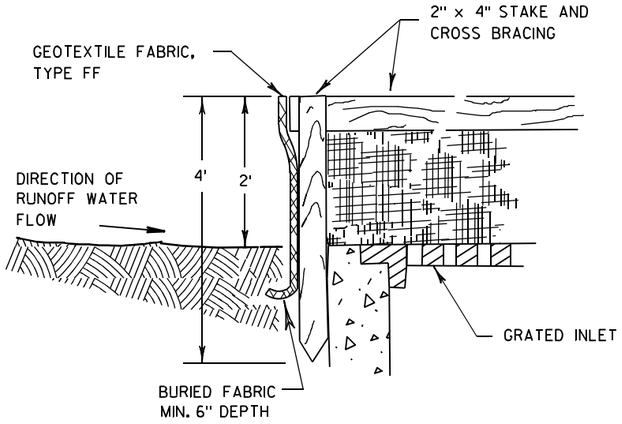
APPROVED
4-29-05 DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

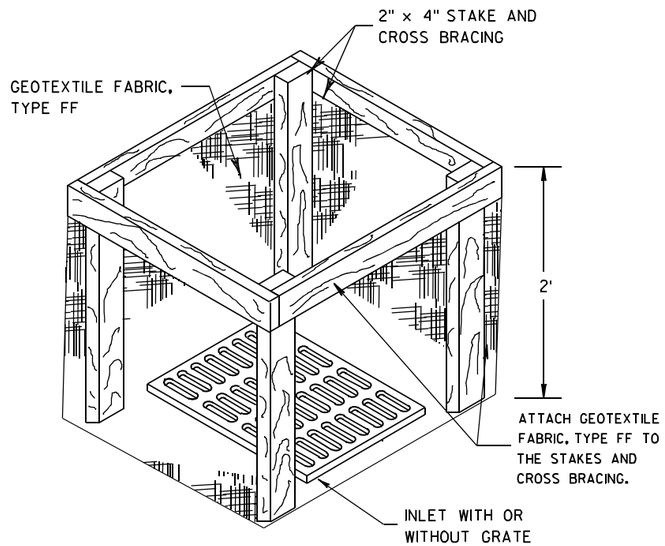
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S.D.D. 8 E 9-6

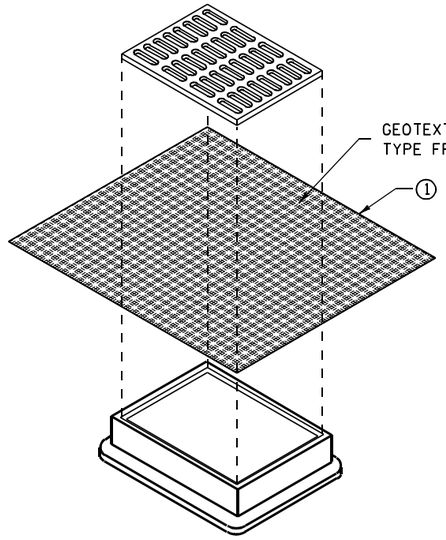
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S.D.D. 8 E 9-6



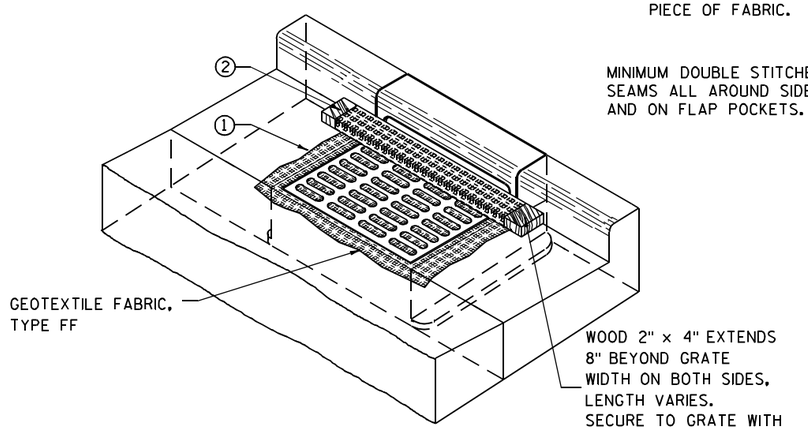


INLET PROTECTION, TYPE A

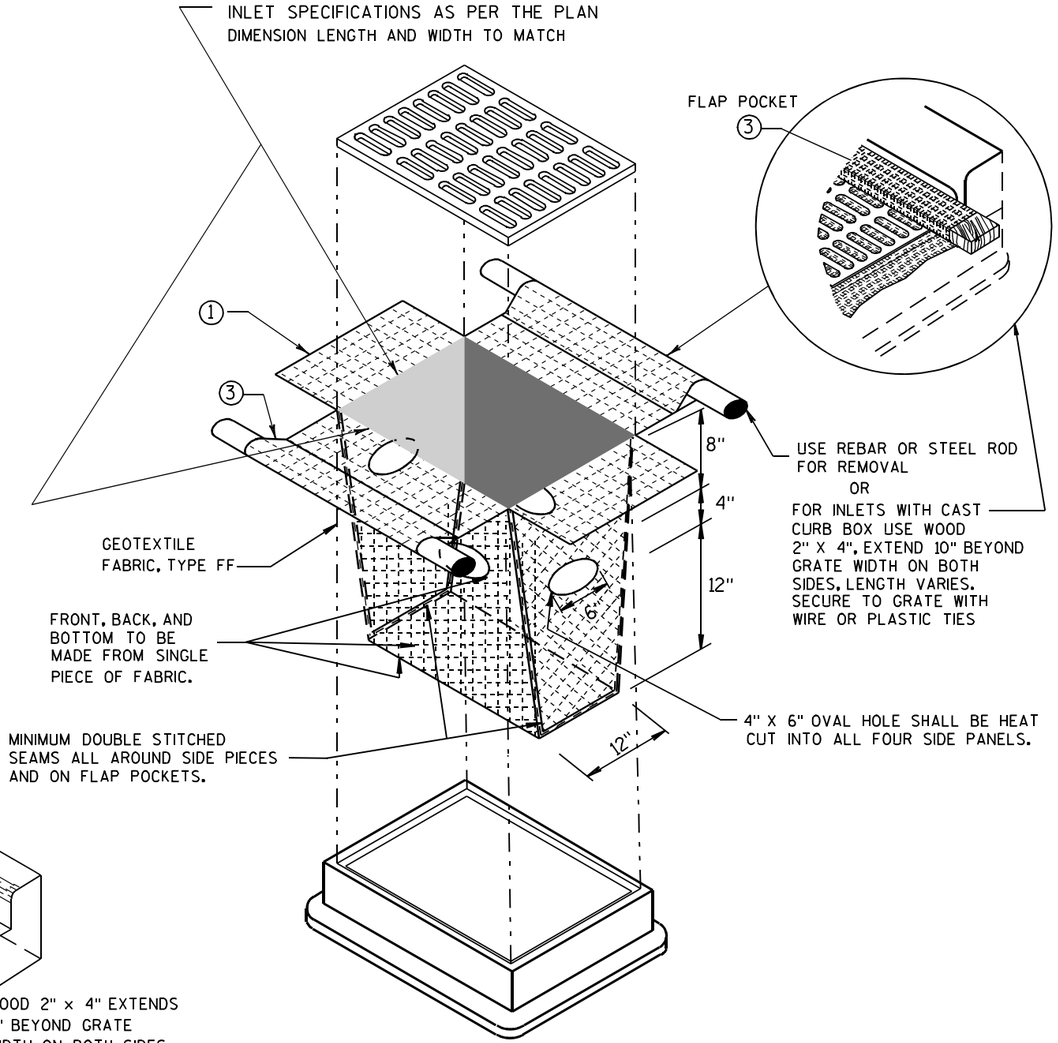


INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)

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



INLET PROTECTION, TYPE C (WITH CURB BOX)



INLET PROTECTION, TYPE D

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

GENERAL NOTES

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

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

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

① FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.

② FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.

③ FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.

INSTALLATION NOTES

TYPE B & C

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

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

TYPE D

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

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

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

INLET PROTECTION
TYPE A, B, C, AND D

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
10/16/02
DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

6
S.D.D. 8 E 10-2

METAL APRON ENDWALLS

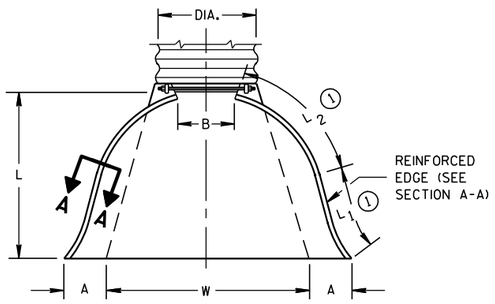
PIPE DIA. (IN.)	MIN. THICK. (Inches) STEEL	MIN. THICK. (Inches) ALUM.	DIMENSIONS (Inches) A (±1")	B (MAX.)	H (±1")	L (±1 1/2")	L1 ①	L2 ①	W (±2")	APPROX. SLOPE	BODY
12	.064	.060	6	6	6	21	12	17 1/2	24	2 1/2 to 1	1 Pc.
15	.064	.060	7	8	6	26	14	21 3/4	30	2 1/2 to 1	1 Pc.
18	.064	.060	8	10	6	31	15	28 1/4	36	2 1/2 to 1	1 Pc.
21	.064	.060	9	12	6	36	18	29 5/8	42	2 1/2 to 1	1 Pc.
24	.064	.075	10	13	6	41	18	37 1/4	48	2 1/2 to 1	1 Pc.
30	.079	.075	12	16	8	51	18	52 1/4	60	2 1/2 to 1	1 Pc.
36	.079	.105	14	19	9	60	24	59 3/4	72	2 1/2 to 1	2 Pc.
42	.109	.105	16	22	11	69	24	75 5/8	84	2 1/2 to 1	2 Pc.
48	.109	.105	18	27	12	78	24	81	90	2 1/4 to 1	3 Pc.
54	.109	.105	18	30	12	84	30	85 1/2	102	2 1/4 to 1	3 Pc.
60	.109×	.105×	18	33	12	87	—	—	114	2 to 1	3 Pc.
66	.109×	.105×	18	36	12	87	—	—	120	2 to 1	3 Pc.
72	.109×	.105×	18	39	12	87	—	—	126	2 to 1	3 Pc.
78	.109×	.105×	18	42	12	87	—	—	132	1 1/2 to 1	3 Pc.
84	.109×	.105×	18	45	12	87	—	—	138	1 1/2 to 1	3 Pc.
90	.109×	.105×	18	37	12	87	—	—	144	1 1/2 to 1	3 Pc.
96	.109×	.105×	18	35	12	87	—	—	150	1 1/2 to 1	3 Pc.

× EXCEPT CENTER PANEL SEE GENERAL NOTES

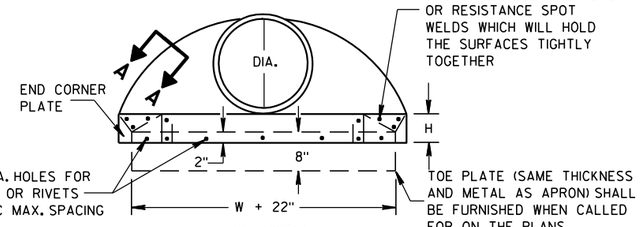
REINFORCED CONCRETE APRON ENDWALLS

PIPE DIA. (IN.)	DIMENSIONS (Inches) T	A	B	C	D	E	G	APPROX. SLOPE
12	2	4	24	48 7/8	72 1/8	24	2	3 to 1
15	2 1/4	6	27	46	73	30	2 1/4	3 to 1
18	2 1/2	9	27	46	73	36	2 1/2	3 to 1
21	2 3/4	9	36	37 1/2	73 1/2	42	2 3/4	3 to 1
24	3	9 1/2	43 1/2	30	73 1/2	48	3	3 to 1
27	3 1/4	10 1/2	49 1/2	24	73 1/2	54	3 1/4	3 to 1
30	3 1/2	12	54	19 3/4	73 1/2	60	3 1/2	3 to 1
36	4	15	63	34 3/4	97 3/4	72	4	3 to 1
42	4 1/2	21	63	35	98	78	4 1/2	3 to 1
48	5	24	72	26	98	84	5	3 to 1
54	5 1/2	27	65	* 33 1/4 - ** 35	* 98 1/4 - ** 100	90	5 1/2	2 2/5 to 1
60	6	* 30 - ** 35	60	39	99	96	5	2 to 1
66	6 1/2	* 24 - ** 30	* 72 - ** 78	* 21 - ** 27	99	102	5 1/2	2 to 1
72	7	* 24 - ** 36	78	21	99	108	6	2 to 1
78	7 1/2	* 24 - ** 36	78	21	99	114	6 1/2	2 to 1
84	8	36	90 1/2	21	111 1/2	120	6 1/2	1 1/2 to 1
90	8 1/2	41	87 1/2	24	111 1/2	132	6 1/2	1 1/2 to 1

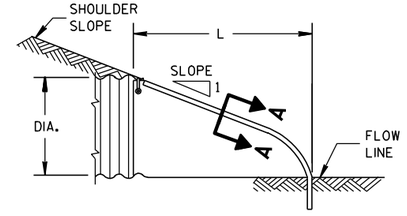
*MINIMUM
**MAXIMUM



PLAN VIEW

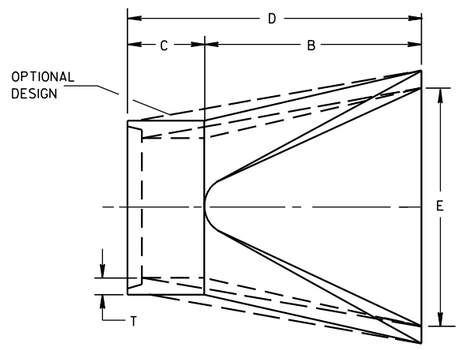


END VIEW

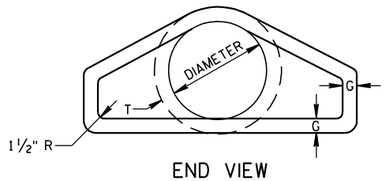


SIDE ELEVATION

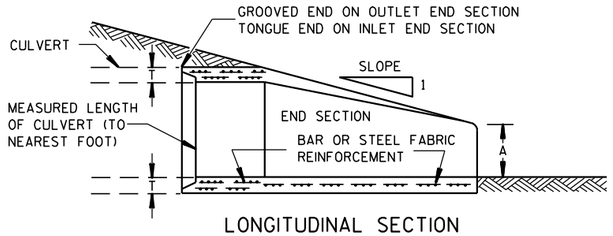
METAL ENDWALLS



PLAN

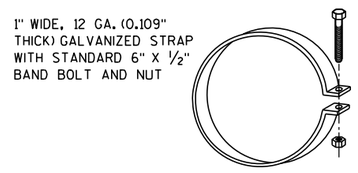


END VIEW



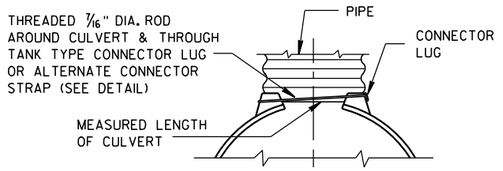
LONGITUDINAL SECTION

CONCRETE ENDWALLS

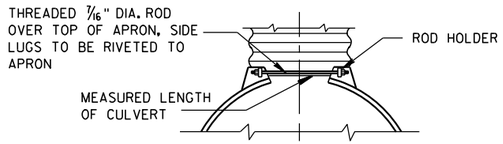


ALTERNATE FOR TYPE 1 CONNECTION

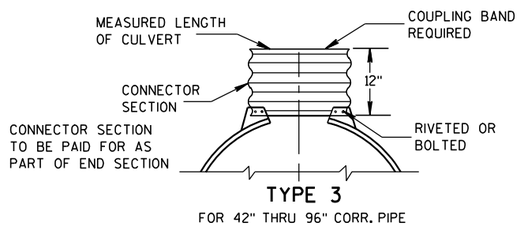
END SECTION CONNECTOR STRAP



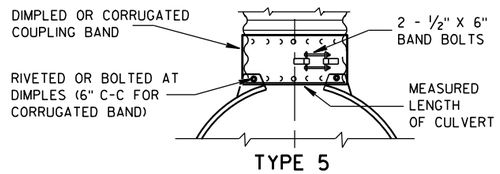
TYPE 1
FOR 12" THRU 24" CORR. PIPE



TYPE 2
FOR 30" THRU 96" CORR. PIPE



TYPE 3
FOR 42" THRU 96" CORR. PIPE



TYPE 5
ALTERNATE FOR:
ALL SIZES CORRUGATED CIRCULAR PIPE

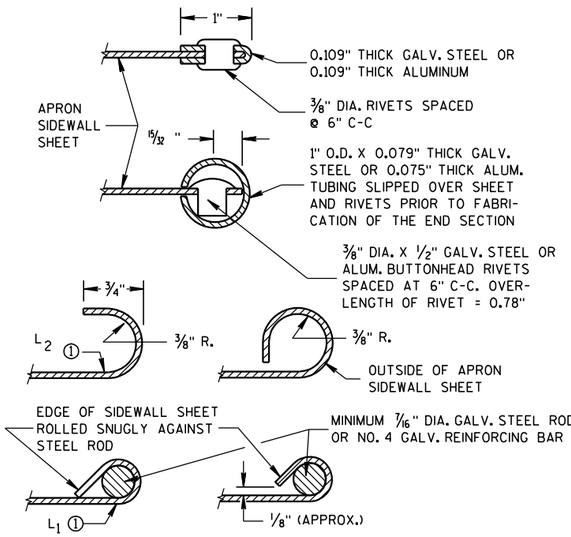
NOTE: DIMPLED BAND FITS OVER OUTSIDE OF ENDWALL. AND CORRUGATED BAND FITS INSIDE ENDWALL. DIMPLED BAND MAY BE USED WITH HELICALLY CORRUGATED PIPE.

FOR CIRCUMFERENTIALLY CORRUGATED PIPE USE ENDWALL CONNECTION DETAILS 1, 2, 3 OR 5 AS APPLICABLE.

FOR HELICALLY CORRUGATED PIPE USE ENDWALL CONNECTION DETAILS 1, 2 OR 5.

FOR HELICALLY CORRUGATED PIPES WITH TWO CIRCUMFERENTIAL CORRUGATIONS AT EACH END USE ENDWALL CONNECTION DETAILS 1, 2 OR 3.

CONNECTION DETAILS



SECTION A-A

GENERAL NOTES

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

CONCRETE CULVERT ENDWALLS MAY NOT BE USED WITH GALVANIZED STEEL OR ALUMINUM CULVERT PIPE OR VISE VERSA. GALVANIZED STEEL OR ALUMINUM ENDWALLS SHALL NORMALLY BE INSTALLED ON CULVERT PIPE OF THE SAME METAL.

ALL THREE PIECE STEEL APRON ENDWALLS FOR 60" DIAMETER PIPE AND LARGER SHALL HAVE 0.109" SIDES AND 0.138" CENTER PANELS. ALL THREE PIECE ALUMINUM APRON ENDWALLS FOR 60" DIAMETER PIPE AND LARGER SHALL HAVE 0.105" SIDES AND 0.134" CENTER PANELS. THE WIDTH OF CENTER PANELS SHALL BE GREATER THAN 20 PERCENT OF THE PIPE PERIMETER.

LAP SEAMS SHALL BE TIGHTLY JOINED BY GALVANIZED RIVETS OR BOLTS FOR STEEL UNITS AND ALUMINUM RIVETS AND BOLTS FOR ALUMINUM UNITS. FOR THE 60" THROUGH 96" DIAMETER APRON ENDWALL SIZES, THE REINFORCED EDGES AND CENTER PANEL SEAMS SHALL BE FURTHER REINFORCED WITH GALVANIZED STEEL OR ALUMINUM STIFFENER ANGLES. THE ANGLES SHALL BE ATTACHED BY GALVANIZED NUTS AND BOLTS FOR STEEL UNITS AND ALUMINUM NUTS AND BOLTS FOR ALUMINUM UNITS.

WHERE TWO OR MORE PIPES WITH APRON ENDWALLS ARE LAID ADJACENT TO EACH OTHER, THEY SHALL BE SEPARATED BY A DISTANCE SUFFICIENT TO PROVIDE A MINIMUM CLEARANCE OF 6 INCHES BETWEEN APRON ENDWALLS.

① FOR PIPE SIZES UP TO 60" DIAMETER, A 180° ROLLED EDGE MAY BE USED INSTEAD OF STEEL ROD REINFORCEMENT. SEE SECTION A-A.

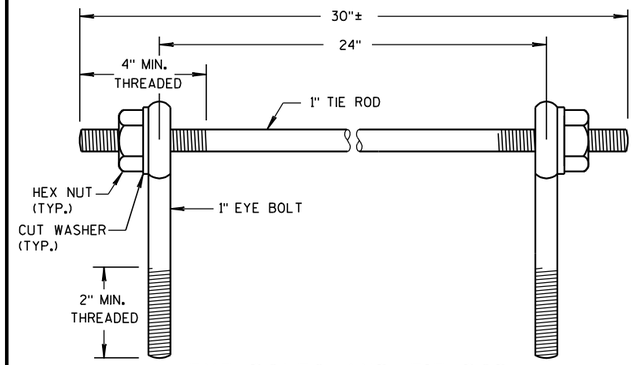
APRON ENDWALLS FOR CULVERT PIPE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

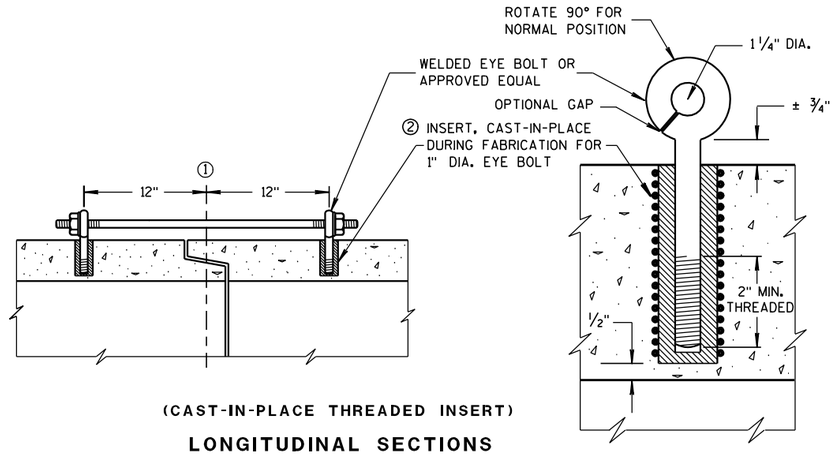
APPROVED
11/30/94 DATE
/S/ Rory L. Rhinesmith
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

6

S.D.D. 8 F 1-11



EYE BOLTS AND TIE ROD



(CAST-IN-PLACE THREADED INSERT)

LONGITUDINAL SECTIONS

EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 1)

GENERAL NOTES

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

CONCRETE CULVERT AND STORM SEWER PIPE SHALL BE TIED TOGETHER IN THE MANNER ILLUSTRATED BY THIS DETAIL AT LOCATIONS DESIGNATED IN THE STANDARD SPECIFICATIONS AND THE PLAN. THE CONTRACTOR MAY USE EITHER ALTERNATE 1, 2 OR 3 FOR DRAINAGE STRUCTURES. ONLY ALTERNATE 1 AND 3 MAY BE USED FOR CATTLE PASSES, UNLESS OTHERWISE STATED IN THE CONTRACT. THE MATERIALS, FABRICATION AND WORK NECESSARY TO TIE THE PIPE BY THIS DETAIL WILL BE CONSIDERED INCIDENTAL TO THE PIPE AND APRON ENDWALLS IF REQUIRED.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR JOINT TIES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

JOINT TIES TO BE HOT-DIP GALVANIZED PER ASTM A 153.

① ℄ OF TONGUE AND GROOVE OR BELL AND SPIGOT JOINTS.

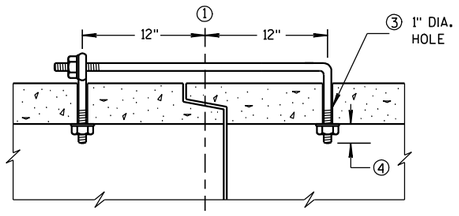
② THE INSIDE OF THE THREADED INSERTS SHALL BE CLEAN TO ALLOW THE INSERTION OF THREADED EYE BOLTS.

③ HOLES SHALL BE CAST-IN-PLACE OR DRILLED 12 INCHES FROM ℄ OF TONGUE AND GROOVE.

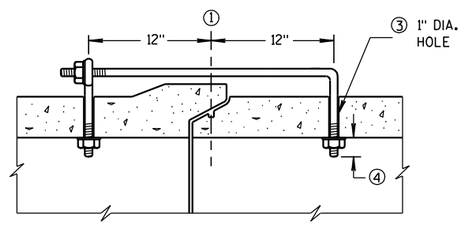
④ BOLT PROJECTION INSIDE OF PIPE SHALL NOT EXCEED 2 INCHES.

⑤ OPENING TO BE ROD DIAMETER PLUS 1 INCH.

⑥ LENGTH ADEQUATE TO EXTEND TO WITHIN 1/2 INCH OF THE INNER SURFACE OF THE PIPE.



(TONGUE & GROOVE PIPE)

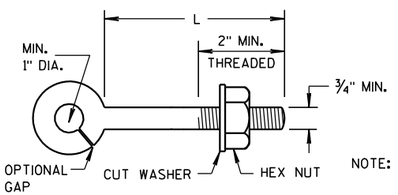


(MODIFIED BELL PIPE)

LONGITUDINAL SECTION

EYE BOLT DIMENSION TABLE

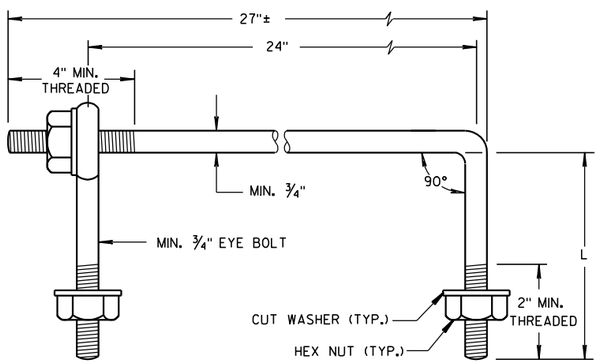
PIPE SIZE	L = LENGTH	
	TONGUE & GROOVE PIPE	MODIFIED BELL PIPE
18" TO 24"	4 1/2"	6 1/4"
30"	5"	7"
36"	5 1/2"	7"
42"	6"	
48"	6 1/2"	
60"	7 1/2"	
66"	8"	



NOTE:

EYE BOLT

NOTE: TWO EYE BOLTS MAY BE USED WITH A 30" LONG THREADED ROD IN LIEU OF THE 90° BENT TIE ROD.



EYE BOLT AND TIE ROD

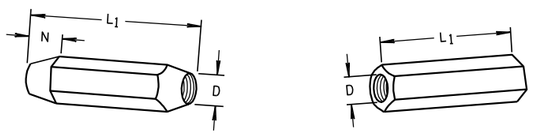
(JOINT TIES FOR 18" TO 66" DIA. CONCRETE PIPE)

EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 2)

ADJUSTABLE TIE ROD TABLE

PIPE DIAMETER	TIE ROD DIAMETER	D	L_1	N
12-60	5/8	5/8	5	1/2
66-84	3/4	3/4	5	1/2
90-108	1	1	7	1 1/16

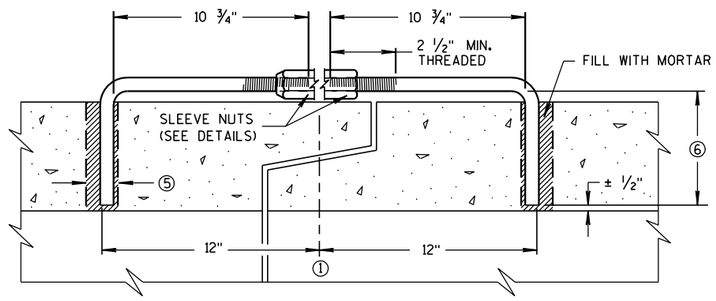
DIMENSIONS SHOWN ARE IN INCHES



TAPERED PLAIN

RIGHT AND LEFT THREADS

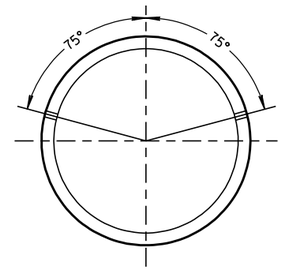
SLEEVE NUTS



LONGITUDINAL SECTION

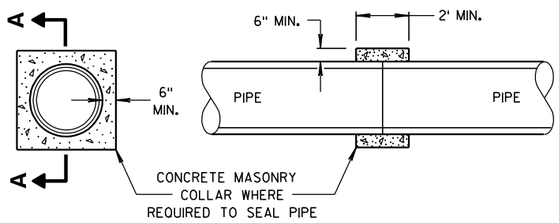
(JOINT TIES FOR 12" TO 108" DIA. CONCRETE PIPE)

ADJUSTABLE TIE ROD (ALTERNATE NO. 3)



PLACEMENT OF (2) CAST-IN-PLACE INSERTS OR HOLES DURING FABRICATION FOR PIPE SECTIONS REQUIRING TIE RODS

TRANSVERSE SECTION



SECTION A-A

CONCRETE COLLAR DETAIL

JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

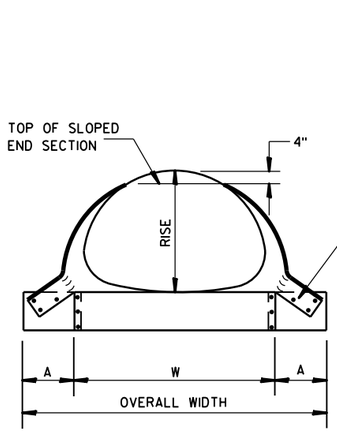
APPROVED
6/5/2012 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS ENGINEER
FHWA

6

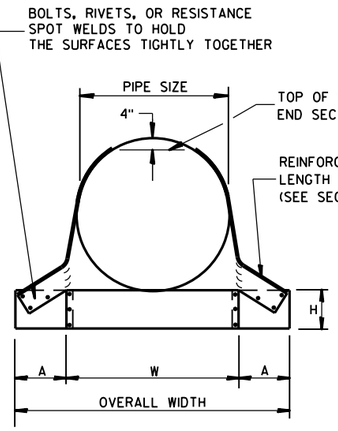
S.D.D. 8 F 4-7

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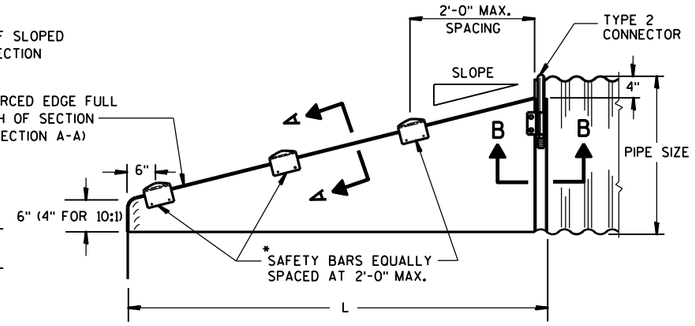
S.D.D. 8 F 4-7



FRONT VIEW



FRONT VIEW



SIDE VIEW

GENERAL NOTES

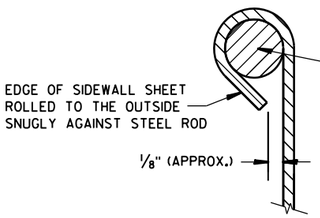
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

SLOPED END SECTIONS SHALL CONFORM TO THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS, SECTION 521 FOR STEEL APRON ENDWALLS.

SAFETY BARS SHALL BE FABRICATED FROM GALVANIZED STEEL PIPE MEETING THE REQUIREMENTS OF ASTM A-53, GRADE B, SCHEDULE 40 OR APPROVED EQUAL.

STEEL APRON ENDWALLS FOR CULVERT PIPE
SLOPED SIDE DRAINS

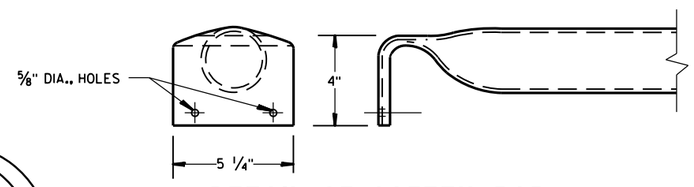
PIPE DIA. (IN.)	MIN. THICK. (Inches)	DIMENSIONS (Inches)				L DIMENSIONS					
		A	H	W	OVERALL WIDTH	SLOPE	LENGTH INCHES	SLOPE	LENGTH INCHES	SLOPE	LENGTH INCHES
15	.064	8	6	21	37	4:1	20	6:1	30	10:1	70
18	.064	8	6	24	40	4:1	32	6:1	48	10:1	100
21	.064	8	6	27	43	4:1	44	6:1	66	10:1	130
24	.064	8	6	30	46	4:1	56	6:1	84	10:1	160
30	.109	12	9	36	60	4:1	80	6:1	120	10:1	220
36	.109	12	9	42	66	4:1	104	6:1	156	10:1	280
42	.109	16	12	48	80	4:1	128	6:1	192	——	——
48	.109	16	12	54	86	4:1	152	6:1	228	——	——
54	.109	16	12	60	92	4:1	176	6:1	264	——	——
60	.109	16	12	66	98	4:1	200	6:1	300	——	——



SECTION A-A

*NOTE:
THREE SAFETY BARS ARE SHOWN. ACTUAL NUMBER OF BARS REQUIRED AT A 2'-0" C-C MAX. SPACING WILL VARY DEPENDING ON THE LENGTH OF THE END SECTION.

3" GALVANIZED PIPE. FLATTEN ENDS, THEN BEND OUTSIDE 4" TO MATCH END SECTION SIDES.

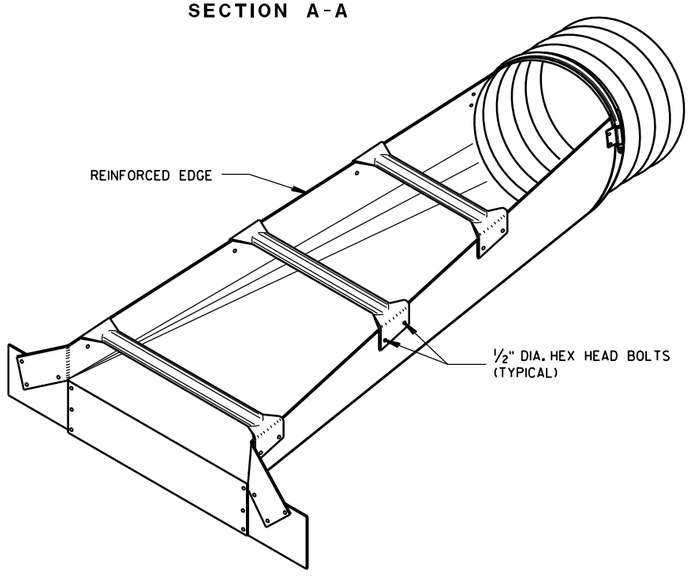


DETAIL OF SAFETY BAR

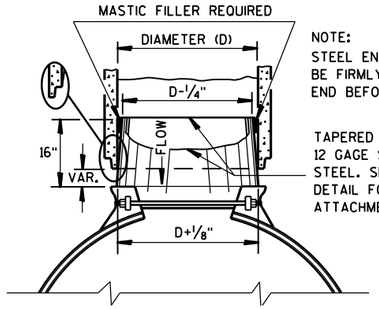
STEEL APRON ENDWALLS FOR PIPE ARCH
SLOPED SIDE DRAINS

EQUIV. DIA. (Inches)	(Inches) SPAN	(Inches) RISE	MIN. THICK. (Inches) ①	DIMENSIONS (Inches) A	H	W	OVERALL WIDTH	L DIMENSIONS SLOPE	LENGTH INCHES	SLOPE	LENGTH INCHES	SLOPE	LENGTH INCHES
15	17	13	.064 *	7	6	30	44	4:1	19	6:1	30	10:1 ②	70
18	21	15	.064 *	8	6	27	43	4:1	20	6:1	30	10:1	70
21	24	18	.064 *	8	6	30	46	4:1	32	6:1	48	10:1	100
24	28	20	.064 *	8	6	34	50	4:1	40	6:1	60	10:1	120
30	35	24	.079 *	12	9	41	65	4:1	56	6:1	84	10:1	160
36	42	29	.109 *	12	9	48	72	4:1	76	6:1	114	10:1	210
42	49	33	.109	16	12	55	87	4:1	92	6:1	138	——	——
48	57	38	.109	16	12	63	95	4:1	112	6:1	168	——	——
54	64	43	.109	16	12	70	102	4:1	132	6:1	198	——	——

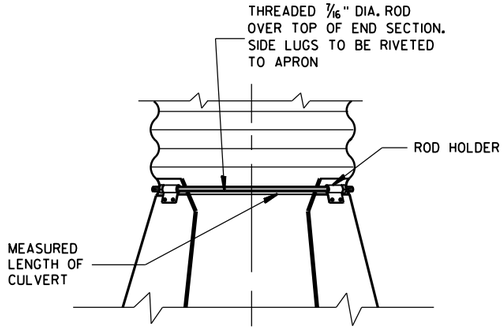
① * MINIMUM THICKNESS OF ALL 10:1 SLOPED SIDE DRAINS IS 0.109".
② ACTUAL SLOPE GREATER THAN 10:1.



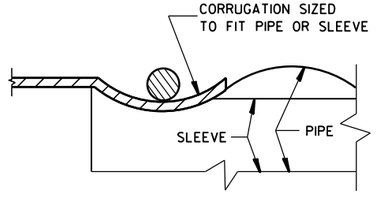
ISOMETRIC VIEW



STEEL ADAPTER SLEEVE FOR CONCRETE PIPE



TYPE 2
CONNECTION DETAIL



SECTION B-B

STEEL APRON ENDWALLS FOR CULVERT PIPE AND PIPE ARCH SLOPED SIDE DRAINS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

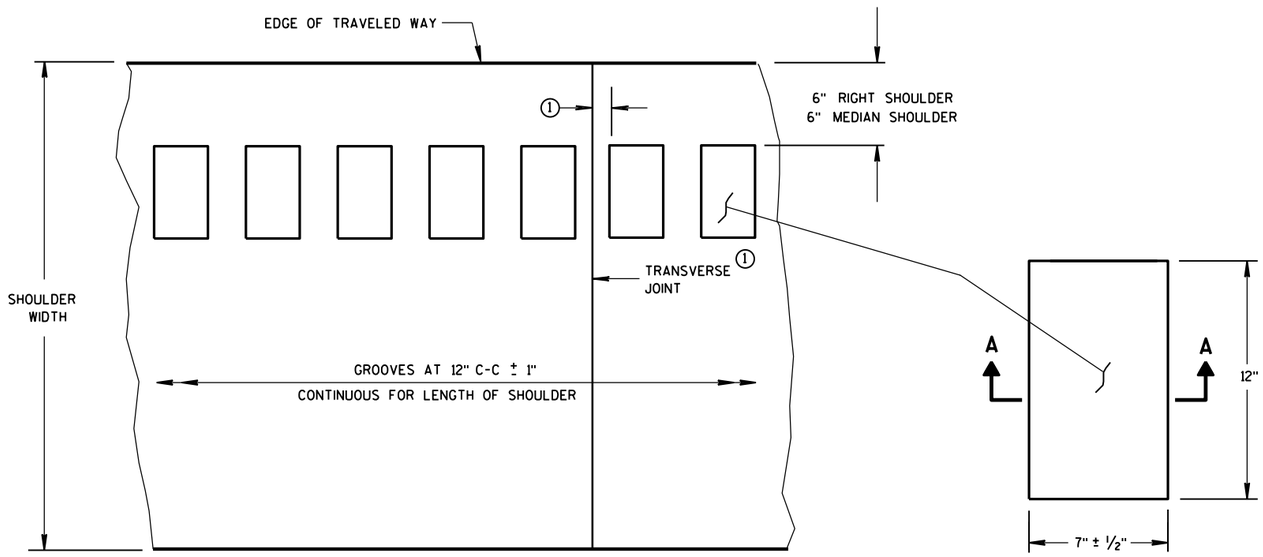
APPROVED
9/14/2012 — DATE
/S/ Jerry H. Zoda — ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

6

S.D.D. 8 F 7-5

6

S.D.D. 8 F 7-5



PLAN VIEW
SHOULDER WITH GROOVES

PLAN VIEW
(SINGLE GROOVE)

PLACEMENT DETAIL FOR MILLED RUMBLE STRIP

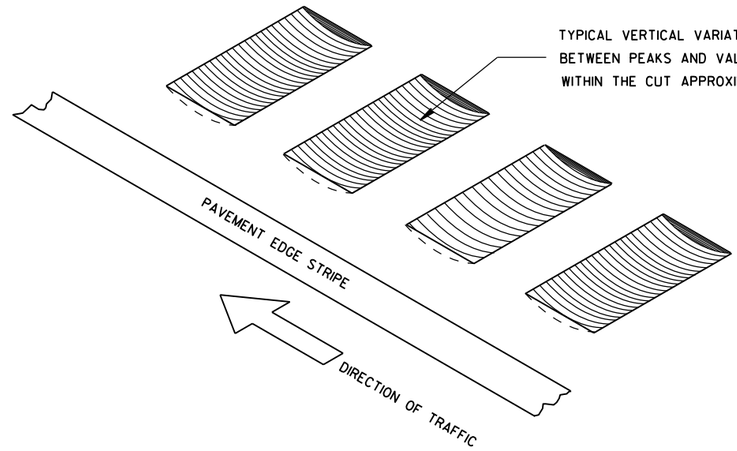
GENERAL NOTES

DETAILS OF CONSTRUCTION SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

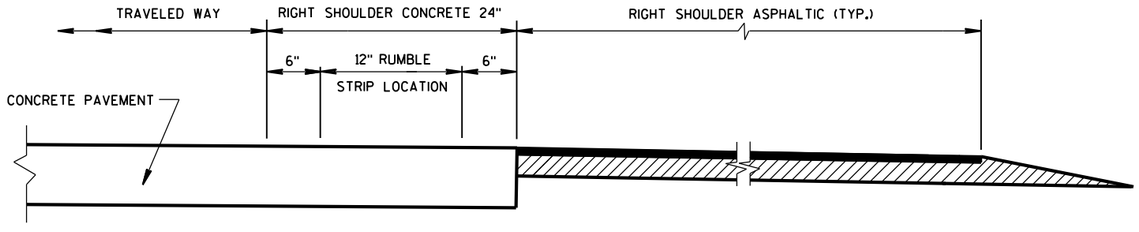
RUMBLE STRIPS ON EXPRESSWAYS

DO NOT INSTALL RUMBLE STRIPS ACROSS SIDE ROAD INTERSECTIONS, COMMERCIAL DRIVEWAYS, PRIVATE DRIVEWAYS OR ADJACENT TO RIGHT TURN LANES, LEFT TURN LANES, TURN LANE TAPERS, BRIDGE DECKS, BRIDGE APPROACHES, OR 100 FEET IN ADVANCE OF RAILROAD CROSSING. THE ATTACHED STANDARD DETAIL DRAWING SHOWS THE LOCATION OF THE RUMBLE STRIPS AT INTERCHANGE AREAS.

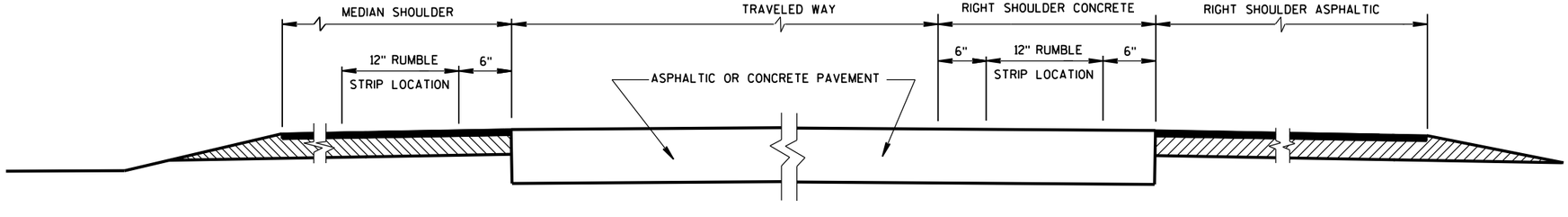
(1) CONCRETE PAVEMENT - RUMBLE STRIPS SHALL BE A MINIMUM OF 6" AWAY FROM TRANSVERSE JOINTS.



ISOMETRIC



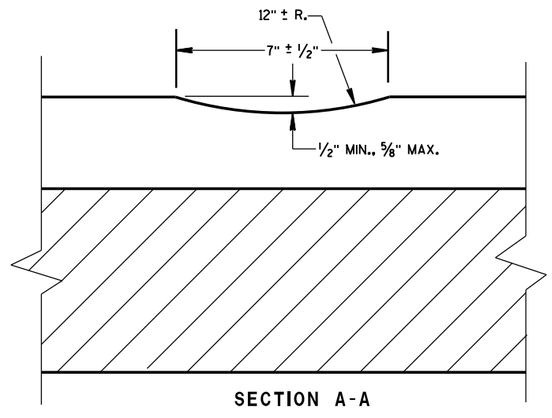
SECTION VIEW
CONCRETE PAVEMENT EXTENDS INTO RIGHT SHOULDER)



SECTION VIEW

TYPICAL LOCATIONS OF SHOULDER RUMBLE STRIPS IN RURAL DIVIDED HIGHWAYS

(ONE ROADWAY IS SHOWN)



SECTION A-A

SHOULDER RUMBLE STRIP, MILLING

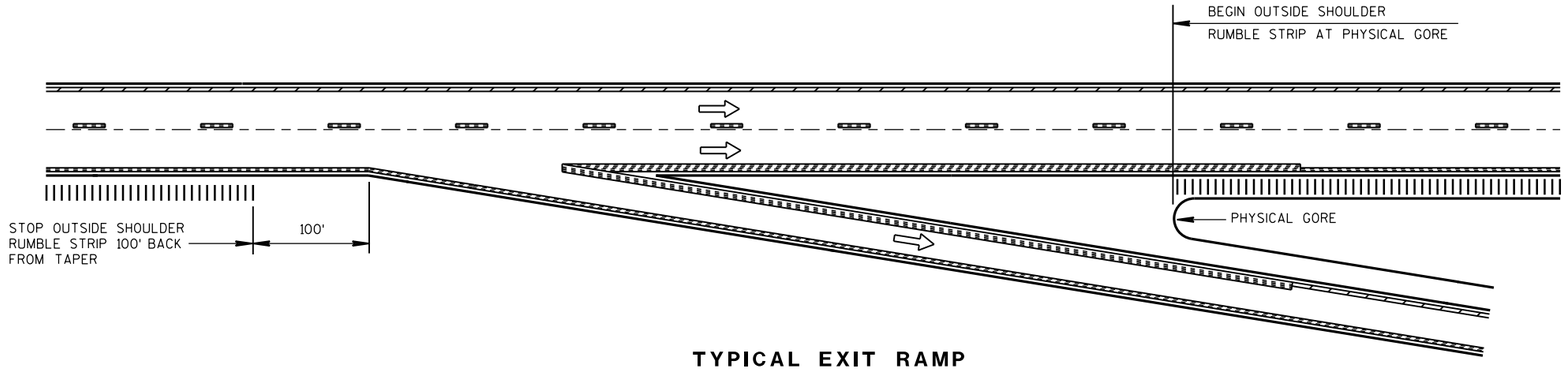
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6

S.D.D. 13 A 5-5a

6

S.D.D. 13 A 5-5a



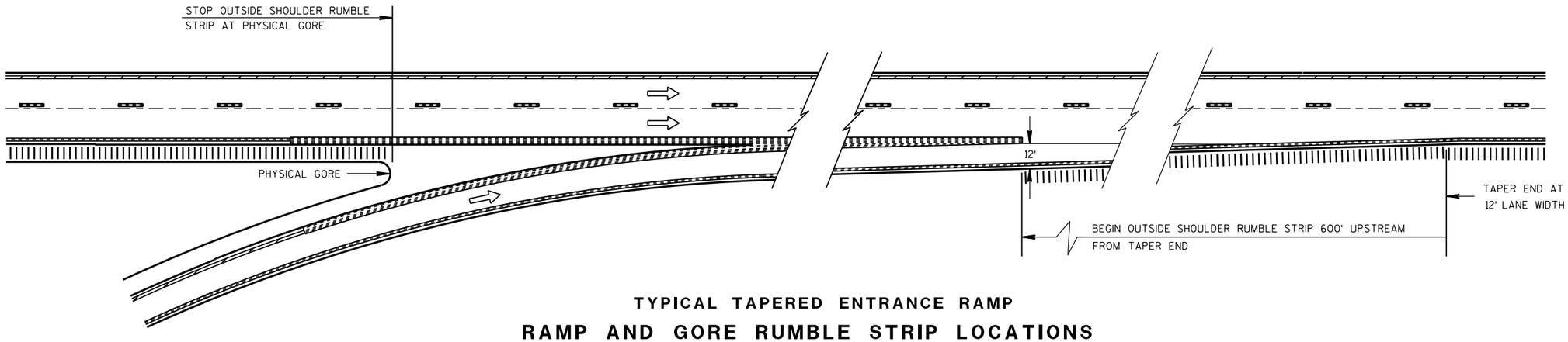
TYPICAL EXIT RAMP

NOTES:

NO RUMBLE STRIP ON EXIT, DIRECTIONAL, OR ENTRANCE RAMPS, EXCEPT NEAR THE ENTRANCE TAPER END AND ALONG THE PARALLEL RAMP AREA AS SHOWN.

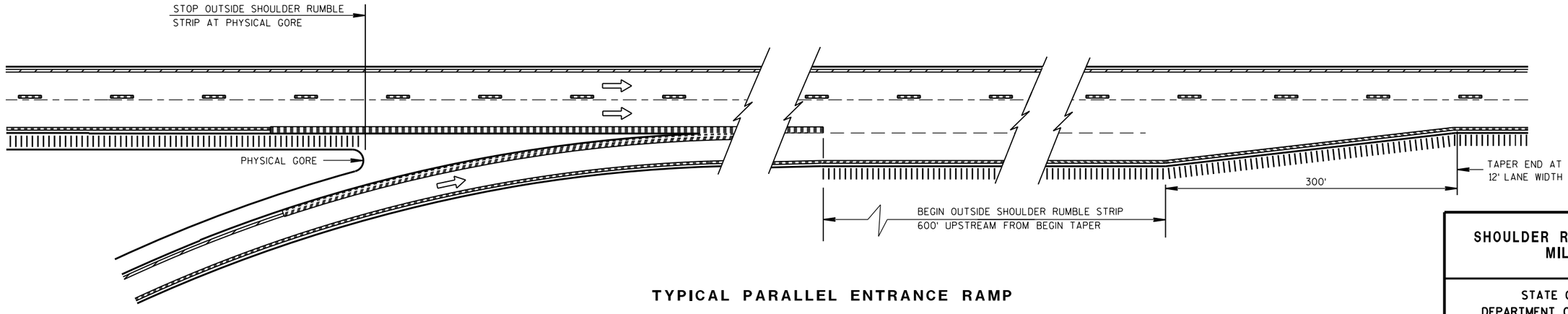
PAVEMENT MARKING DETAILS AND SPECIFICATIONS ARE PROVIDED ELSEWHERE IN THE CONTRACT.

NOTE:
ARROW SYMBOL (⇨)
SHOWS DIRECTION OF TRAVEL



TYPICAL TAPERED ENTRANCE RAMP

RAMP AND GORE RUMBLE STRIP LOCATIONS



TYPICAL PARALLEL ENTRANCE RAMP

RAMP AND GORE RUMBLE STRIP LOCATIONS

SHOULDER RUMBLE STRIP, MILLING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

12/17/2012
DATE

/S/ Jerry H. Zoga
ROADWAY STANDARDS ENGINEER

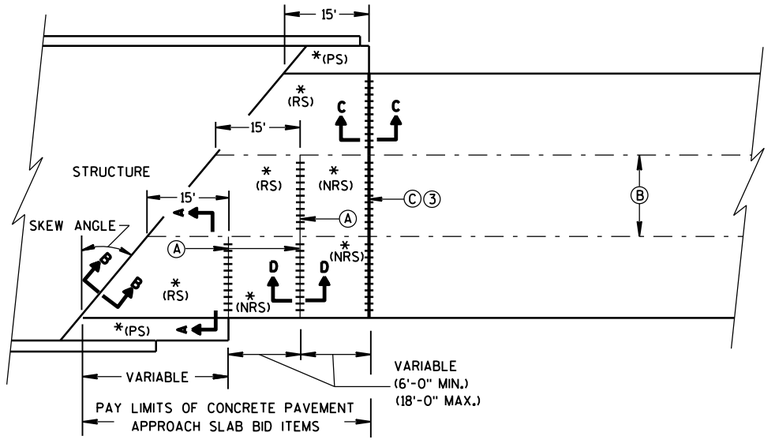
FHWA

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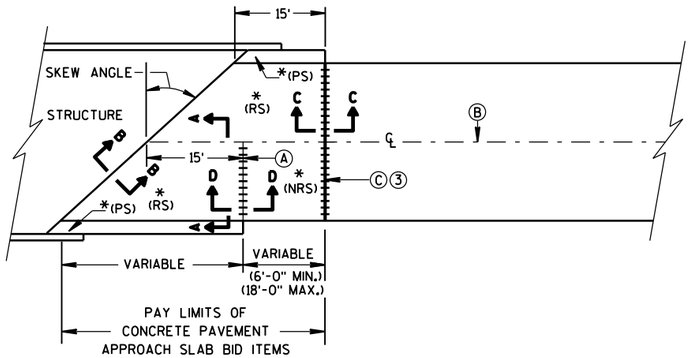
S.D.D. 13 A 5-5b

6

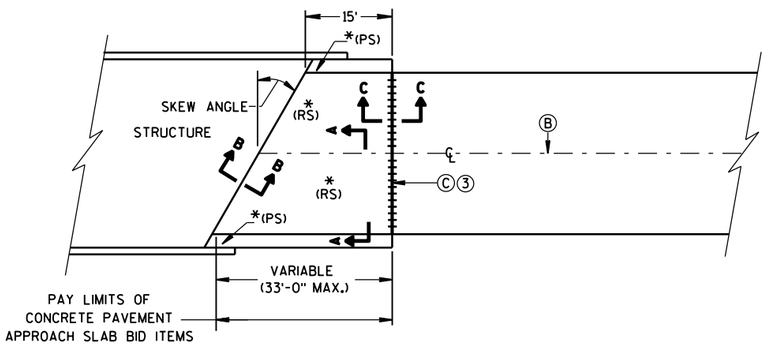
S.D.D. 13 A 5-5b



SKEWED APPROACH
(PAVEMENT MORE THAN 2 LANES)



SKEWS >20°
(PAVEMENT WIDTH ≤30')



SKEWS ≤20°
(PAVEMENT WIDTH ≤30')

APPROACH SLAB AND ADJACENT PAVEMENT

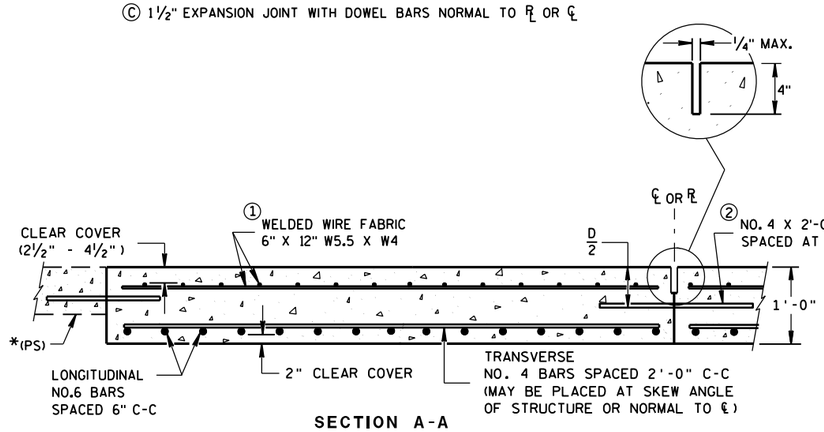
*(RS) = REINFORCED CONCRETE SLAB
*(PS) = PAVED CONCRETE SHOULDER OR CONCRETE DRAINAGE SLAB
(SEE DETAILS ELSEWHERE IN THE PLAN)
*(NRS) = NON-REINFORCED CONCRETE SLAB

***STANDARD DOWEL BAR DIAMETER
(SEE SDD 13C11, & SDD 13C13)

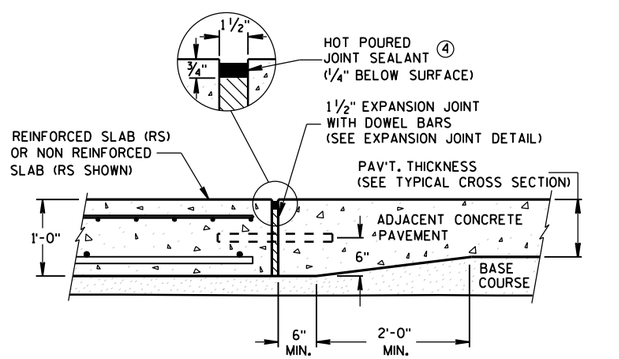
Ⓐ STANDARD CONTRACTION JOINT NORMAL TO ℄ OR ℄

Ⓑ STANDARD LONGITUDINAL JOINT WITH TIE BARS.

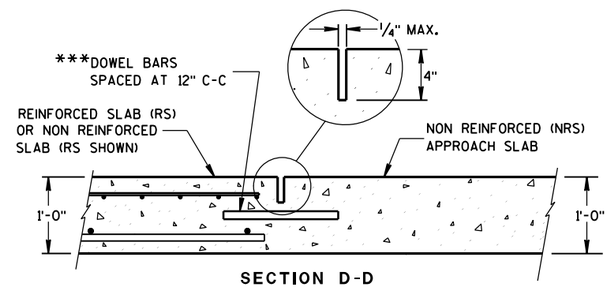
Ⓒ 1½" EXPANSION JOINT WITH DOWEL BARS NORMAL TO ℄ OR ℄



SECTION A-A
REINFORCEMENT POSITIONING DETAIL



SECTION C-C
TRANSITION DETAIL
APPROACH SLAB TO ADJACENT PAVEMENT



SECTION D-D
CONTRACTION JOINT

GENERAL NOTES

THE CONTRACTOR MAY SPLICE NO. 6 BARS IN THE APPROACH SLAB FOR SKEWED STRUCTURES ONLY. STAGGER SPLICES WITH A MAXIMUM OF ONE SPLICE PER BAR. THE LENGTH OF LAP IS 20 INCHES.

TACK WELD DOWEL BARS TO THE BASKETS ON ALTERNATE ENDS.

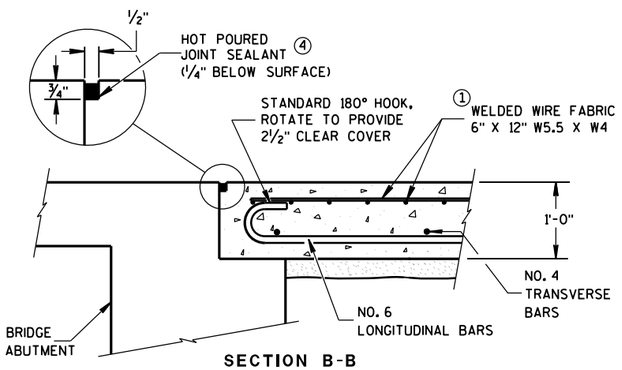
① THE CONTRACTOR MAY USE NO. 4 BARS SPACED AT 2'-0" C-C IN BOTH THE LONGITUDINAL AND TRANSVERSE DIRECTIONS FOR TOP REINFORCEMENT AS AN ALTERNATIVE TO THE WELDED WIRE FABRIC.

② THE CONTRACTOR MAY OMIT TIE BARS BETWEEN REINFORCED SLABS WHERE SLAB REINFORCEMENT BARS EXTEND ACROSS THE CENTERLINE OR REFERENCE LINE.

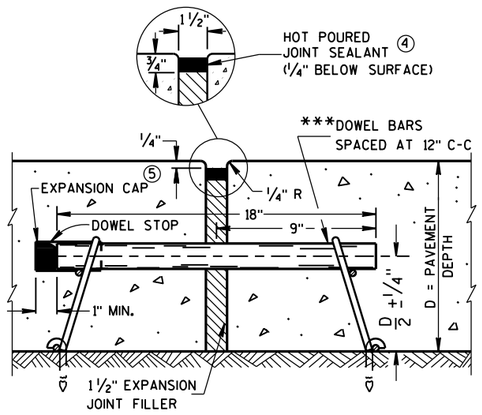
③ DO NOT CONSTRUCT AN EXPANSION JOINT OR INSTALL DOWEL BARS WHEN ABUTTING AN HMA PAVEMENT.

④ USE A JOINT SEALANT MEETING THE REQUIREMENTS OF ASTM D6690.

⑤ PLACE EXPANSION CAP ON THE END OF THE DOWEL THAT IS NOT TACK WELDED TO THE BASKET. DO NOT FORCE DOWEL BAR PAST THE DOWEL STOP.



SECTION B-B
BEND DETAIL
BOTTOM REINFORCEMENT



EXPANSION JOINT DETAIL

CONCRETE PAVEMENT APPROACH SLAB

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

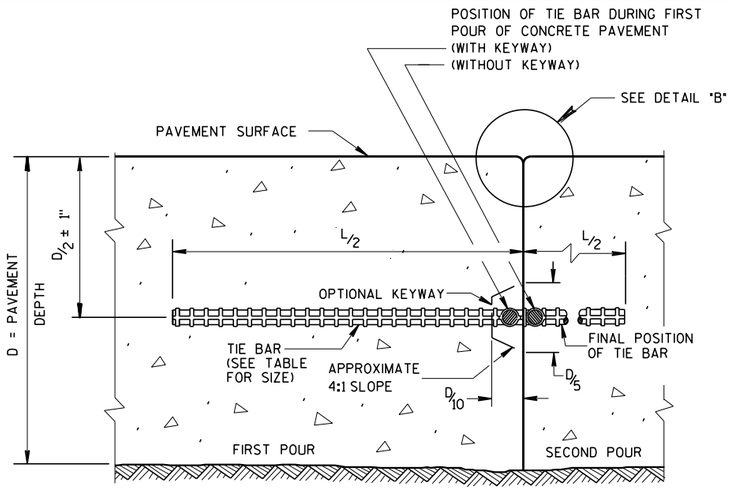
APPROVED
June, 2015
DATE
/S/ Peter Kemp, P.E.
PAVEMENT SUPER
FHWA

6

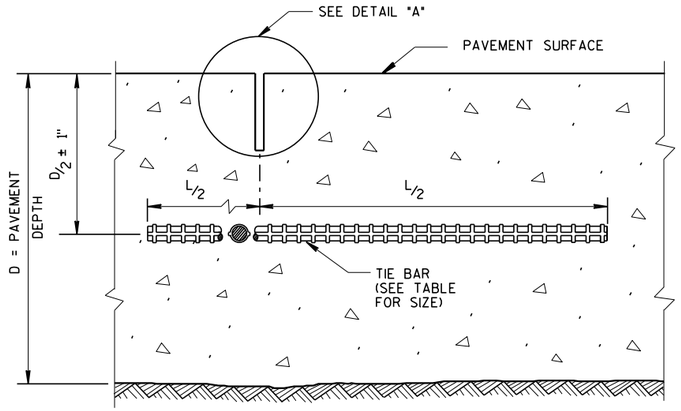
S.D.D. 13 B 2-8a

6

S.D.D. 13 B 2-8a



CONSTRUCTION JOINT



SAWED JOINT

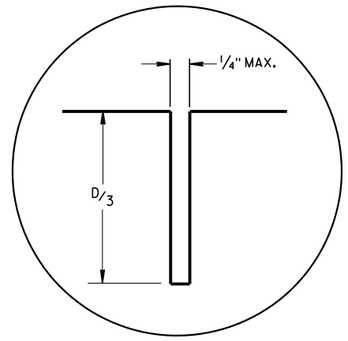
GENERAL NOTES

CREATE A LONGITUDINAL JOINT FOR PAVEMENT WIDTHS GREATER THAN 15 FEET.

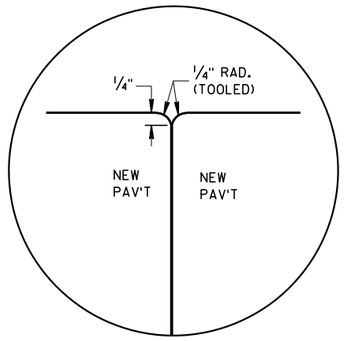
CORRELATE LONGITUDINAL JOINTS WITH LANE LINES WHEN POSSIBLE.

(1) ANCHOR TIE BARS INTO DRILLED HOLES WITH AN EPOXY.

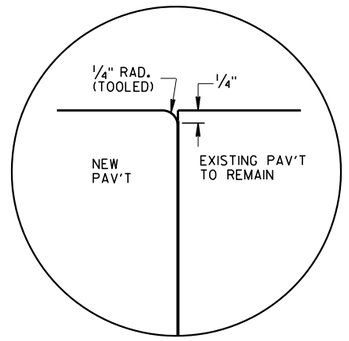
(2) PAVEMENT THAT WAS IN PLACE PRIOR TO THE CONTRACT.



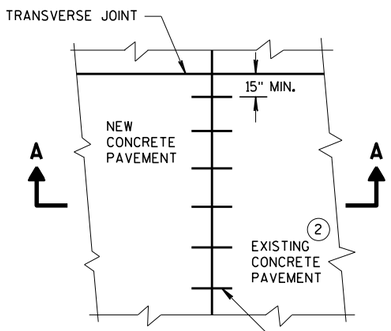
DETAIL "A"



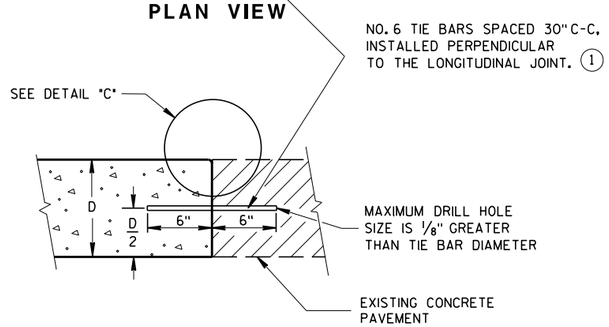
DETAIL "B"



DETAIL "C"



PLAN VIEW



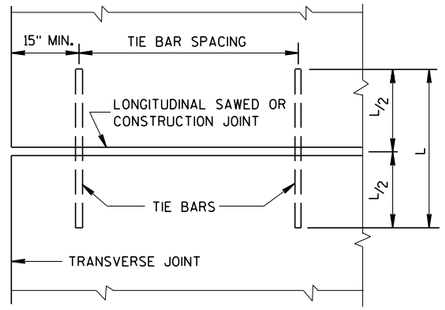
SECTION A-A
LONGITUDINAL CONSTRUCTION JOINT TIE BARS ANCHORED INTO EXISTING PAVEMENT

TIE BAR TABLE

PAVEMENT DEPTH (D)	TIE BAR SIZE	TIE BAR LENGTH (L)	MAX. TIE BAR SPACING
< 10 1/2"	NO. 4	30"	36"
≥ 10 1/2"	NO. 5	36"	36"
	NO. 4 *	30"	24" **

* SUBSTITUTE BENT BARS AT LONGITUDINAL JOINTS WHEN EQUIPMENT LIMITATIONS DURING CONSTRUCTION WARRANT (e.g. AUXILIARY LANES OR TURN LANES)

** CONFORM TO 15" MINUMUM SPACING FROM TRANSVERSE JOINTS; SPACING BETWEEN TIE BARS WILL BE 30" AT TRANSVERSE JOINTS.



PLAN VIEW
SHOWING LOCATION OF TIE BARS

CONCRETE PAVEMENT LONGITUDINAL JOINTS AND TIES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2018 — DATE
/S/ Peter Kerr, P.E. — PAVEMENT SUPE
FHWA

6

S.D.D. 13 C 1-19

6

S.D.D. 13 C 1-19

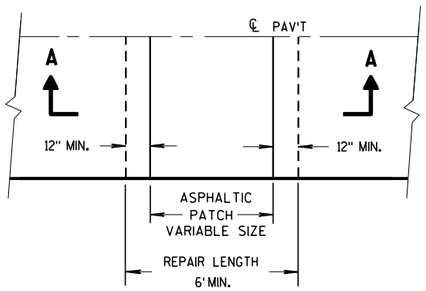
GENERAL NOTES

SAW CUT, DRILL, AND LIFT OUT EXISTING CONCRETE PAVEMENT WITHIN THE BOUNDARIES OF CONCRETE REPAIR AREAS. THE CONTRACTOR MAY MAKE ADDITIONAL SAW CUTS INSIDE THE REPAIR LIMITS TO REDUCE WEIGHT AND SIZE OF CONCRETE PIECES.

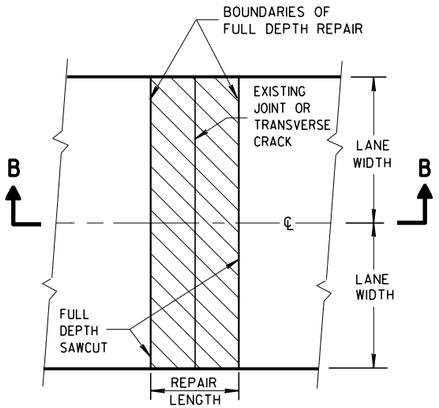
PROVIDE A 6-FOOT MINIMUM DISTANCE FROM BOUNDARIES OF CONCRETE REPAIR AREAS TO ADJACENT TRANSVERSE JOINT OR CRACK IN THE SAME LANE.

THE LENGTH OF THE REPAIRS MAY VARY FROM THE DIMENSIONS SHOWN IF THE EXISTING CONCRETE PAVEMENT IS NONDOWELED AND THE PAVEMENT IS TO BE OVERLAID AFTER REPAIRING.

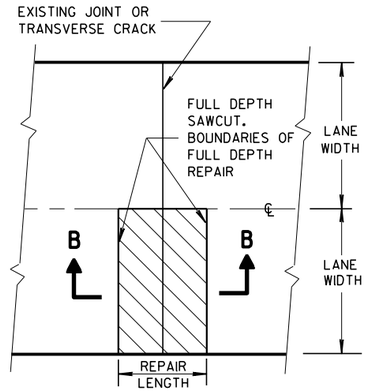
(1) DOWEL BARS MIGHT NOT EXIST.



PLAN VIEW

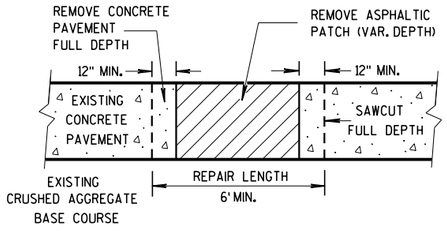


PLAN VIEW
(DOUBLE LANE REPAIR)



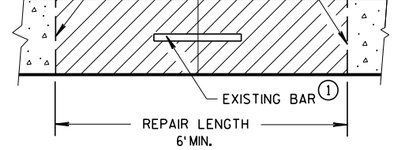
PLAN VIEW
(SINGLE LANE REPAIR)

FULL DEPTH CONCRETE PAVEMENT REMOVAL



SECTION A-A

HMA PATCH REMOVAL



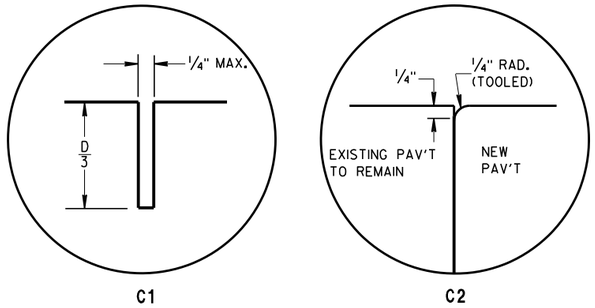
SECTION B-B

CONCRETE REMOVAL

CONCRETE PAVEMENT REPAIR AND REPLACEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6
S.D.D. 13 C 9-15a



C1 C2

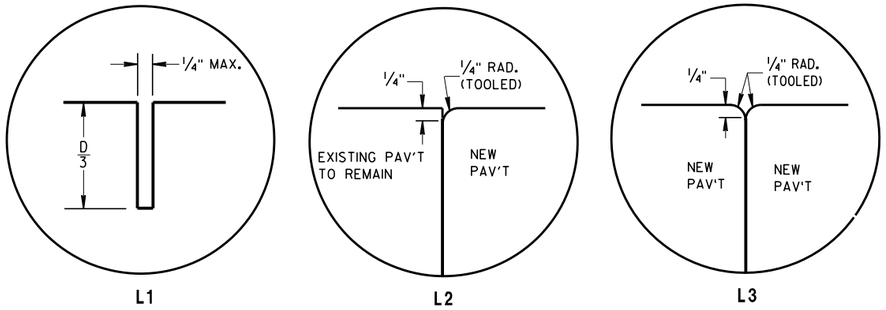
TRANSVERSE JOINTS

TIE BAR TABLE

PAVEMENT DEPTH (D)	TIE BAR SIZE	TIE BAR LENGTH (L)	MAX. TIE BAR SPACING
< 10 1/2"	NO. 4	30"	36"
≥ 10 1/2"	NO. 5	36"	36"
	NO. 4 *	30"	24" **

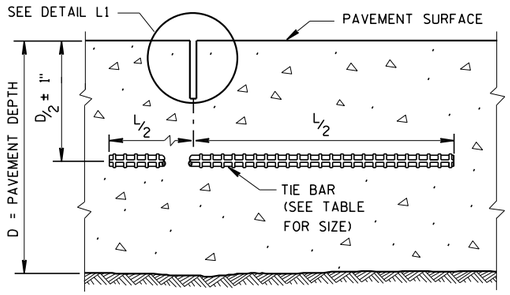
* SUBSTITUTE BENT BARS AT LONGITUDINAL JOINTS WHEN EQUIPMENT LIMITATIONS DURING CONSTRUCTION WARRANT (e.g. AUXILIARY LANES OR TURN LANES)

** CONFORM TO 15" MINUMUM SPACING FROM TRANSVERSE JOINTS; SPACING BETWEEN TIE BARS WILL BE 30" AT TRANSVERSE JOINTS.



L1 L2 L3

LONGITUDINAL JOINTS



SECTION C-C

SAWED LONGITUDINAL JOINT

GENERAL NOTES

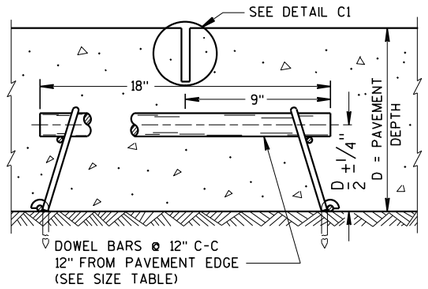
INSTALL DOWEL BARS PARALLEL TO THE PAVEMENT CENTERLINE AND PAVEMENT SURFACE.

CONCRETE PAVEMENT REPAIRS OF EXISTING NONDOWELED CONCRETE PAVEMENTS DO NOT NEED TO BE DOWELED.

ANCHOR DOWEL BARS AND TIE BARS INTO DRILLED HOLES WITH AN EPOXY.

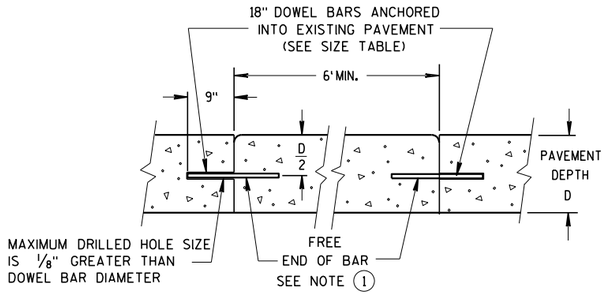
FOR MULTI-LANE CONCRETE PAVEMENT REPLACEMENTS, PROVIDE A MINIMUM DISTANCE OF 15 INCHES FROM ALL TRANSVERSE JOINTS OR EDGES OF REPLACEMENT TO THE CENTER OF THE TIE BAR NEAREST THAT JOINT OR EDGE.

(1) APPLY A THIN UNIFORM COATING OF SURFACE TREATMENT TO THE FREE END OF DOWEL BARS TO PREVENT BONDING.

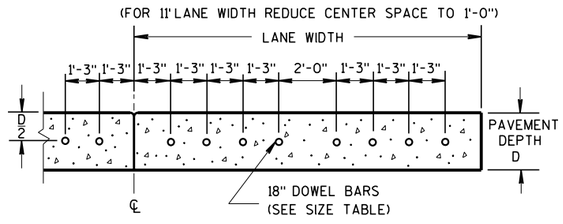


SECTION F-F

CONTRACTION JOINT



SECTION D-D

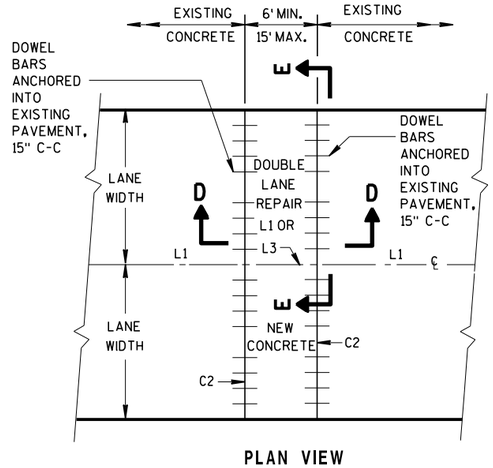


SECTION E-E

DRILLED DOWEL BAR CONSTRUCTION JOINT

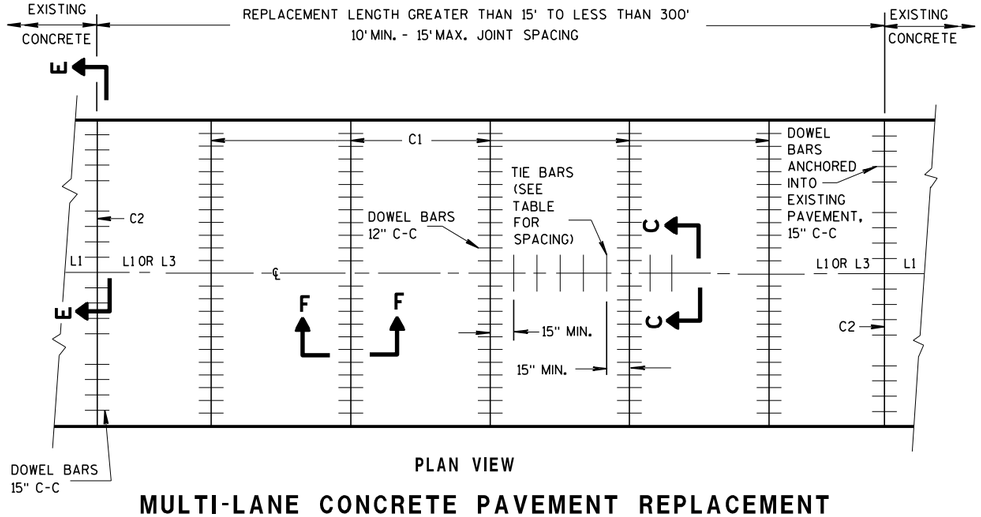
PAVEMENT DEPTH, DOWEL BAR SIZE AND JOINT SPACING TABLE

PAVEMENT DEPTH (D)	DOWEL BAR DIAMETER	DRILLED DOWEL BAR DIAMETER	CONTRACTION JOINT SPACING
5 1/2", 6", 6 1/2"	NONE	NONE	12'
7", 7 1/2"	1"	1"	14'
8", 8 1/2"	1 1/4"	1 1/4"	15'
9", 9 1/2"	1 1/4"	1 1/4"	15'
10" & ABOVE	1 1/2"	1 1/4"	15'



PLAN VIEW

MULTI-LANE CONCRETE PAVEMENT REPAIR



PLAN VIEW

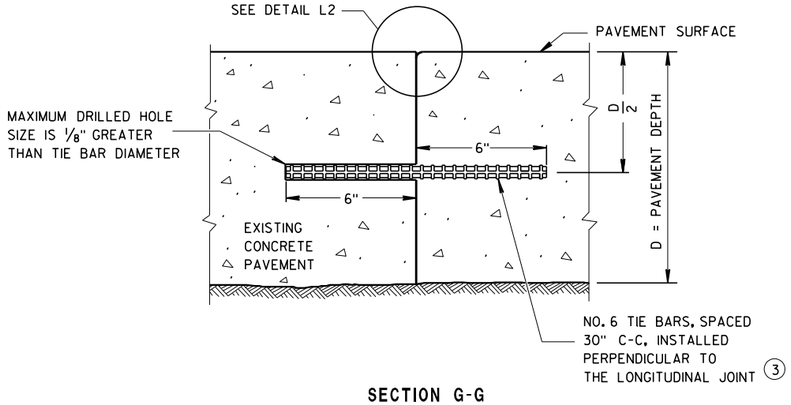
MULTI-LANE CONCRETE PAVEMENT REPLACEMENT

CONCRETE PAVEMENT REPAIR AND REPLACEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

S.D.D. 13 C 9-15b



SECTION G-G

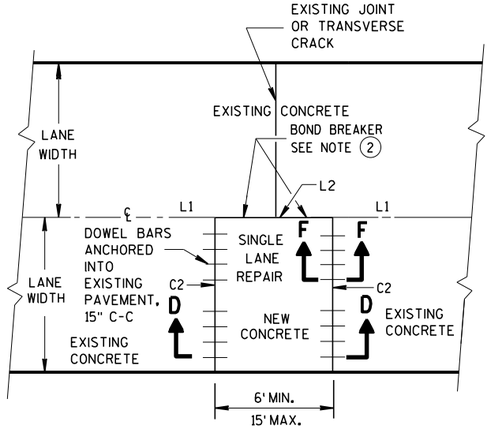
TIE BARS ANCHORED INTO EXISTING PAVEMENT

GENERAL NOTES

(1) WITH THE APPROVAL OF THE ENGINEER, FOR SINGLE LANE PAVEMENT REPLACEMENTS LESS THAN 30 FEET IN LENGTH, THE CONTRACTOR MAY INSTALL DRILLED TIE BARS ON 6:1 SKEW HORIZONTALLY, DIRECTION OF SKEW ALTERNATING WITH EACH SUCCESSIVE BAR. DRIVE SKEWED TIE BARS TO A DEPTH OF 6 INCHES IN A HOLE OF SUCH A DIAMETER AS TO PROVIDE A TIGHT DRIVEN FIT.

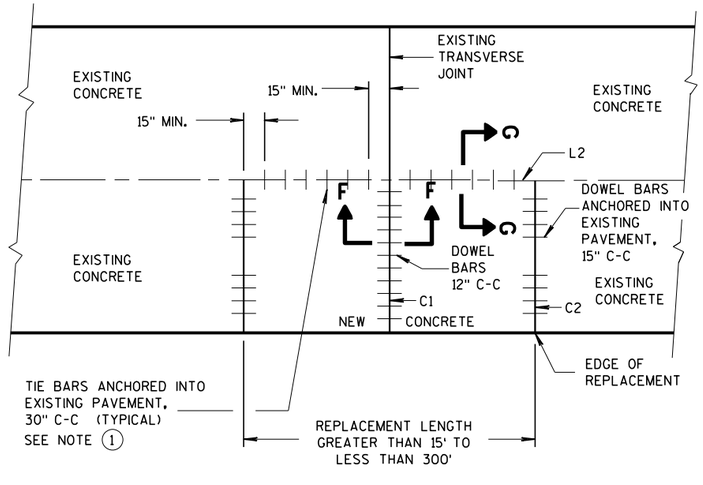
(2) USE AN ENGINEER-APPROVED BOND BREAKER (E.G. RELEASE AGENT, CURING COMPOUND) FOR SINGLE LANE REPAIRS UP TO 15 FEET IN LENGTH.

(3) ANCHOR TIE BARS INTO DRILLED HOLES WITH AN EPOXY.



PLAN VIEW

SINGLE LANE CONCRETE PAVEMENT REPAIR



PLAN VIEW

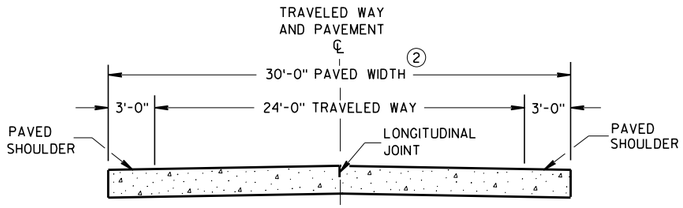
SINGLE LANE CONCRETE PAVEMENT REPLACEMENT

CONCRETE PAVEMENT REPAIR AND REPLACEMENT

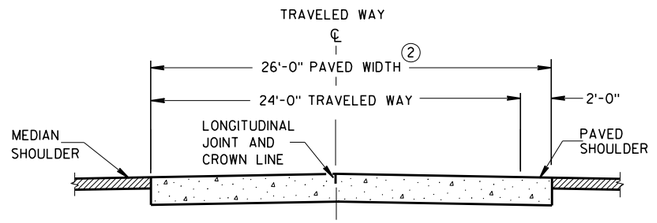
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2018 — DATE
/S/ Peter Ken... — PAVEMENT SUPE...
FHWA

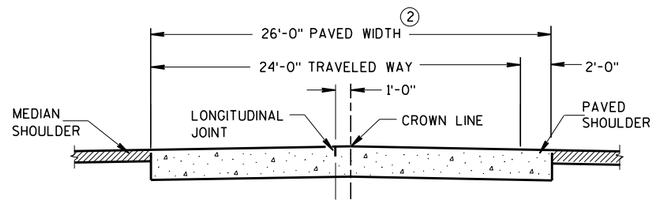
S.D.D. 13 C 9-15c



SECTION A-A
TWO-LANE TWO-WAY HIGHWAY ①



SECTION B-B



ALTERNATIVE SECTION B-B
①
DIVIDED HIGHWAY

GENERAL NOTES

CONTRACTION JOINTS

CONSTRUCT TRANSVERSE CONTRACTION JOINTS NORMAL TO THE CENTERLINE. SHOW THE LOCATION OF CONTRACTION JOINTS THROUGH INTERSECTIONS ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

INSTALL DOWEL BARS PARALLEL TO THE PAVEMENT CENTERLINE AND PAVEMENT SURFACE.

FOR PAVEMENT SLABS OF VARYING WIDTHS, LOCATE THE OUTER MOST DOWEL BAR SO THAT THE CENTER OF THE BAR IS A MINIMUM OF 6 INCHES AND A MAXIMUM OF 18 INCHES FROM THE FREE EDGE OF PAVEMENT.

CONSTRUCTION JOINTS

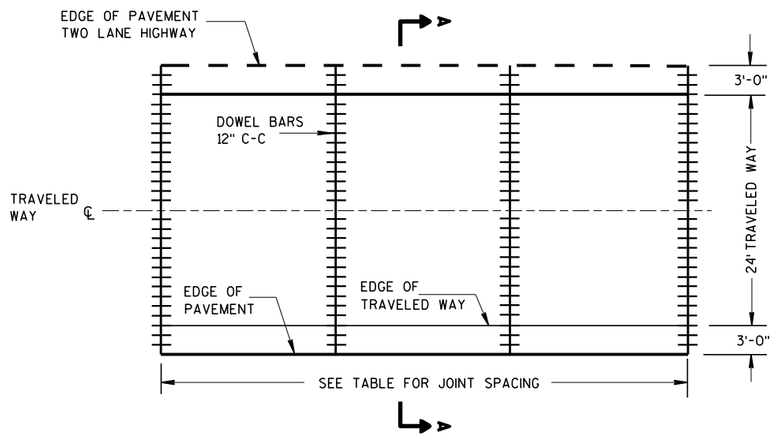
LOCATE CONSTRUCTION JOINTS A MINIMUM OF 6 FEET FROM THE NEAREST CONTRACTION JOINT AND ALIGN PARALLEL TO CONTRACTION JOINTS.

① REFER TO TYPICAL CROSS SECTIONS FOR ADDITIONAL DETAILS.

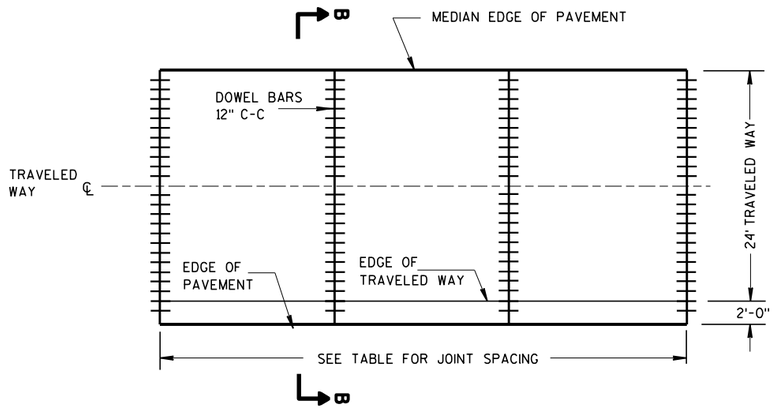
② MEASURE THE ENTIRE PAVED WIDTH INCLUDING THE PORTION(S) LABELED PAVED SHOULDER AS CONCRETE PAVEMENT.

PAVEMENT DEPTH, DOWEL BAR SIZE AND JOINT SPACING TABLE

PAVEMENT DEPTH (D)	DOWEL BAR DIAMETER	CONTRACTION JOINT SPACING
5 ½", 6", 6 ½"	NONE	12'
7", 7 ½"	1"	14'
8", 8 ½"	1 ¼"	15'
9", 9 ½"	1 ¼"	15'
10" & ABOVE	1 ½"	15'



CONTRACTION JOINT LAYOUT
FOR TWO-LANE TWO-WAY HIGHWAY



CONTRACTION JOINT LAYOUT
FOR DIVIDED HIGHWAY

RURAL DOWELED CONCRETE PAVEMENT

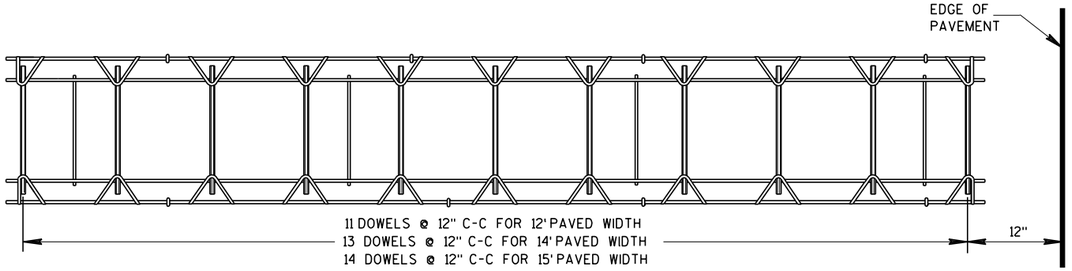
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

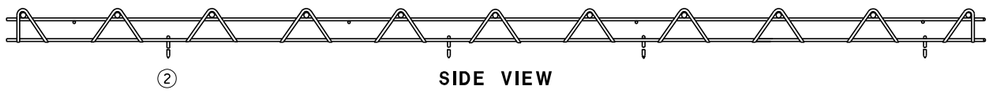
S.D.D. 13 C 11-12a

6

S.D.D. 13 C 11-12a



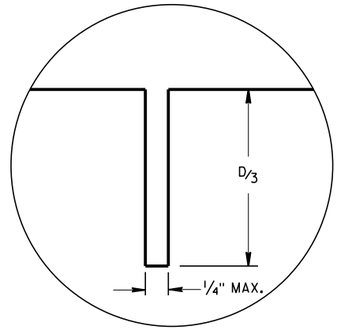
PLAN VIEW



SIDE VIEW

(NORMAL TO CENTERLINE)

CONTRACTION JOINT DOWEL ASSEMBLY ①



JOINT DETAIL

GENERAL NOTES

① OBTAIN THE ENGINEER'S APPROVAL FOR THE USE OF ALTERNATIVE DESIGNS OF THE DOWEL ASSEMBLY. USE MECHANICAL DOWEL BAR INSERTERS OR DOWEL ASSEMBLIES WHEN CONSTRUCTING CONTRACTION JOINTS.

② SECURE BASKETS WITH ANCHORS TO HOLD DOWEL BARS IN THE CORRECT POSITION AND ALIGNMENT. TYPE, LOCATION, NUMBER AND LENGTH OF ANCHORS ARE DEPENDENT UPON FIELD CONDITIONS.

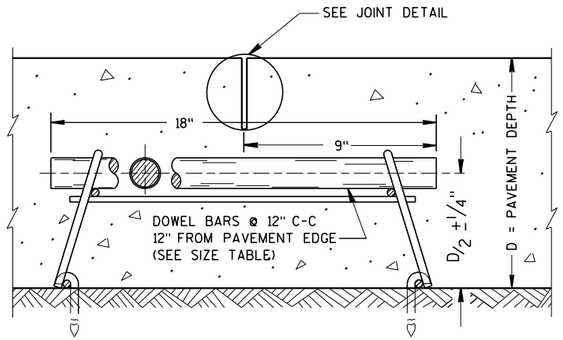
③ FORM OR SAW CONSTRUCTION JOINTS. PROVIDE A 1/4-INCH RADIUS AT FORMED JOINTS.

④ PROVIDE A SMOOTH VERTICAL FACE FOR THE ENTIRE DEPTH OF THE PAVEMENT WHEN FORMING CONSTRUCTION JOINTS.

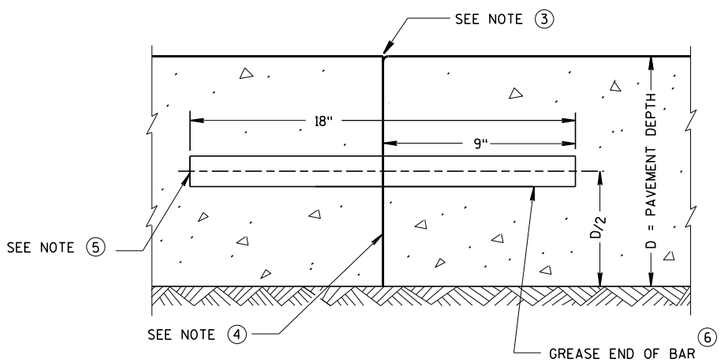
⑤ INSTALL DOWEL BARS AT CONSTRUCTION JOINTS BY FORMING OR DRILLING. INSTALL FORMED DOWEL BARS 12 INCHES C-C AND 12 INCHES FROM PAVEMENT EDGE. REMOVE EXCESS CONCRETE FROM THE FREE END OF THE DOWEL BAR IF DOWEL BARS ARE FORMED THROUGH A HEADER BOARD. INSTALL DRILLED DOWEL BARS ACCORDING TO *DRILLED DOWEL BAR CONSTRUCTION JOINT* DETAIL.

⑥ APPLY A THIN UNIFORM COATING OF SURFACE TREATMENT TO THE FREE END OF DOWEL BARS TO PREVENT BONDING.

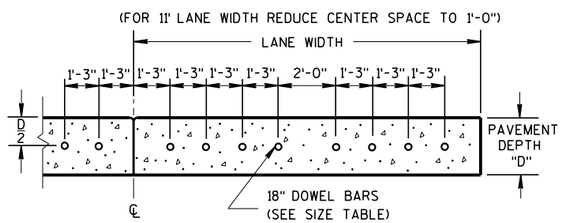
⑦ ANCHOR DOWEL BARS INTO DRILLED HOLES WITH AN EPOXY. MAXIMUM DRILLED HOLE SIZE IS 1/8-INCH GREATER THAN DOWEL BAR DIAMETER, 9 INCHES IN LENGTH.



DOWELED CONTRACTION JOINT



TRANSVERSE CONSTRUCTION JOINT



DRILLED DOWEL BAR CONSTRUCTION JOINT ⑦

RURAL DOWELED CONCRETE PAVEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2018 — DATE
/S/ Peter Kemp P.E. — PAVEMENT SUP
FHWA

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S.D.D. 13 C 11-12b

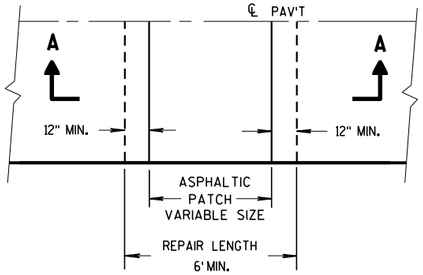
GENERAL NOTES

SAW CUT, DRILL, AND LIFT OUT EXISTING CONCRETE PAVEMENT WITHIN THE BOUNDARIES OF CONCRETE REPAIR AREAS. THE CONTRACTOR MAY MAKE ADDITIONAL SAW CUTS INSIDE THE REPAIR LIMITS TO REDUCE WEIGHT AND SIZE OF CONCRETE PIECES.

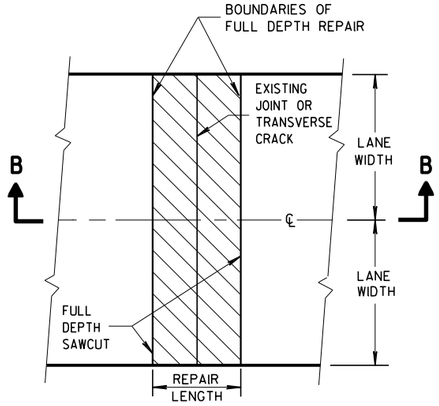
PROVIDE 6-FOOT MINIMUM DISTANCE FROM BOUNDARIES OF CONCRETE REPAIR AREAS TO ADJACENT TRANSVERSE JOINT OR CRACK.

THE LENGTH OF THE REPAIRS MAY VARY FROM THE DIMENSIONS SHOWN IF THE EXISTING CONCRETE PAVEMENT IS NONDOWELED AND THE PAVEMENT IS TO BE OVERLAID AFTER REPAIRING.

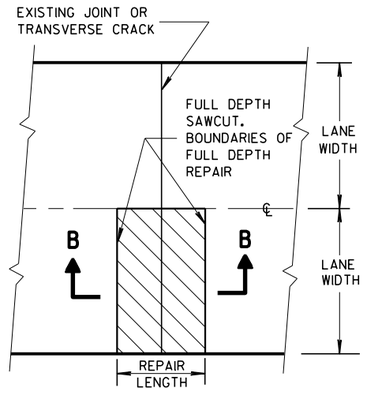
(1) DOWEL BARS MIGHT NOT EXIST.



PLAN VIEW

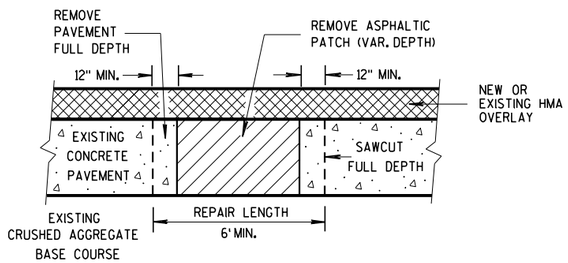


PLAN VIEW
(DOUBLE LANE REPAIR)



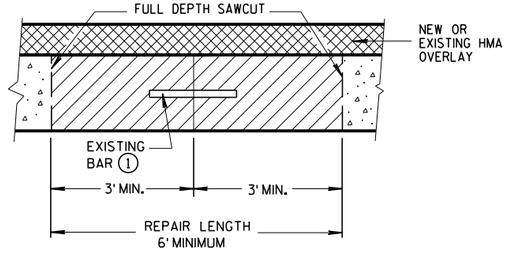
PLAN VIEW
(SINGLE LANE REPAIR)

FULL DEPTH CONCRETE PAVEMENT REMOVAL



SECTION A-A

HMA PATCH REMOVAL



SECTION B-B

CONCRETE REMOVAL

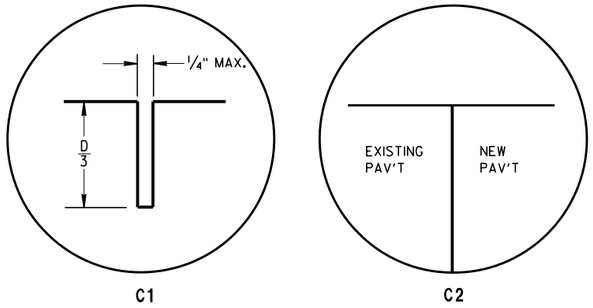
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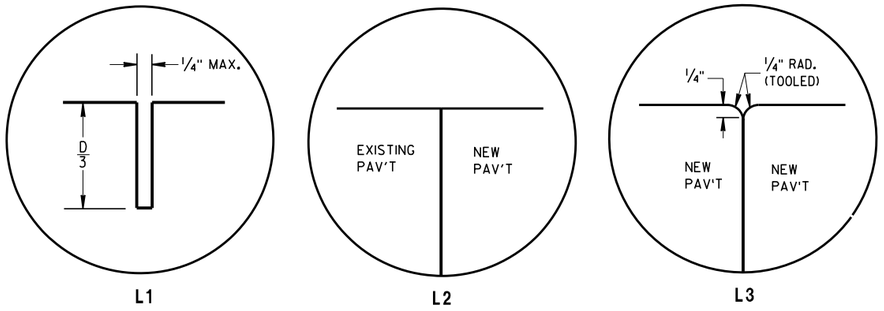
S.D.D. 13 C 14-7a

S.D.D. 13 C 14-7a

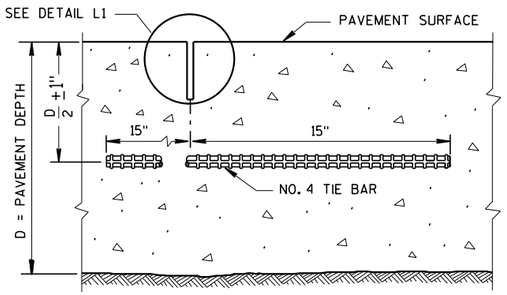
BASE PATCHING CONCRETE



TRANSVERSE JOINTS

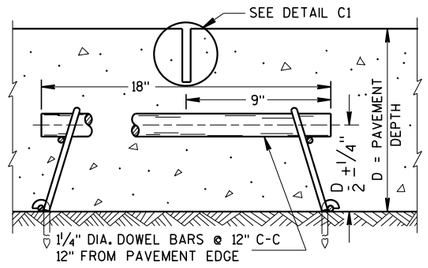


LONGITUDINAL JOINTS



SECTION C-C

SAWED LONGITUDINAL JOINT



SECTION F-F

CONTRACTION JOINT

GENERAL NOTES

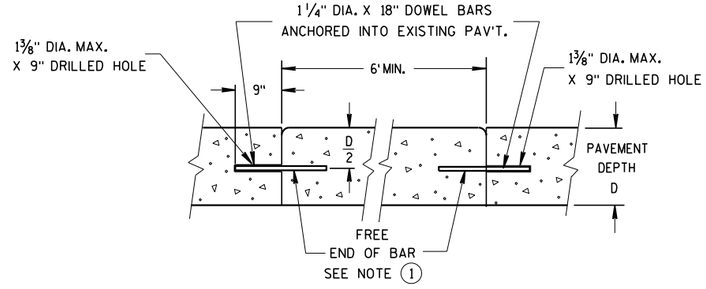
INSTALL DOWEL BARS PARALLEL TO THE PAVEMENT CENTERLINE AND PAVEMENT SURFACE.

CONCRETE BASE PATCHES OF EXISTING NONDOWELED CONCRETE PAVEMENTS DO NOT NEED TO BE DOWELED.

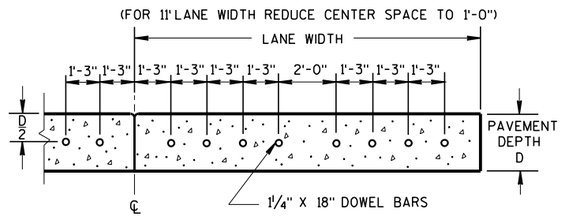
ANCHOR DOWEL BARS AND TIE BARS INTO DRILLED HOLES WITH AN EPOXY.

PROVIDE A MINIMUM DISTANCE OF 15 INCHES FROM AN EXISTING TRANSVERSE JOINT OR THE EDGE OF REPLACEMENT TO THE CENTER OF THE TIE BAR NEAREST THAT JOINT OR EDGE.

(1) APPLY A THIN UNIFORM COATING OF SURFACE TREATMENT TO THE FREE END OF DOWEL BARS TO PREVENT BONDING.

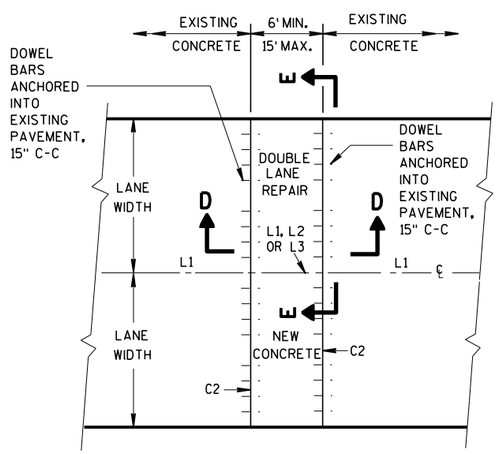


SECTION D-D



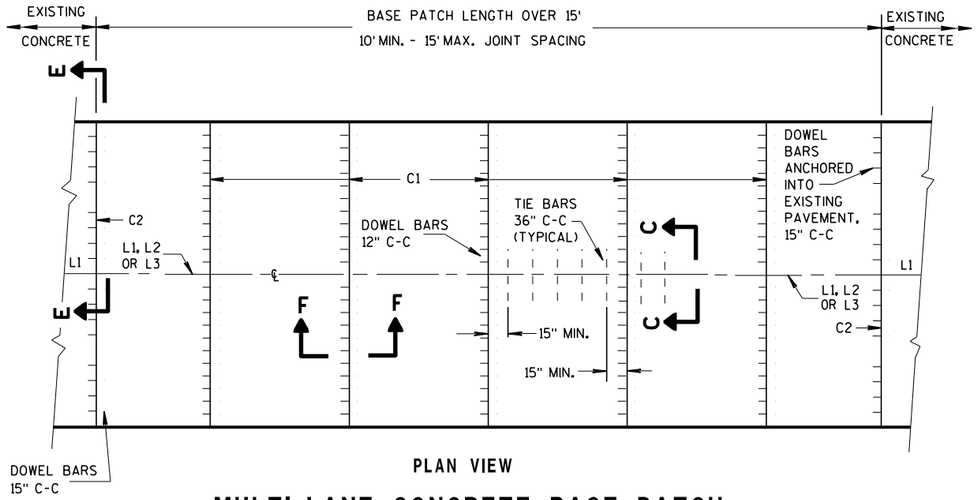
SECTION E-E

SPACING OF DOWEL BARS ANCHORED INTO EXISTING PAVEMENT



PLAN VIEW

MULTI-LANE CONCRETE BASE PATCH 15' MAXIMUM LENGTH



PLAN VIEW

MULTI-LANE CONCRETE BASE PATCH GREATER THAN 15' IN LENGTH

BASE PATCHING CONCRETE

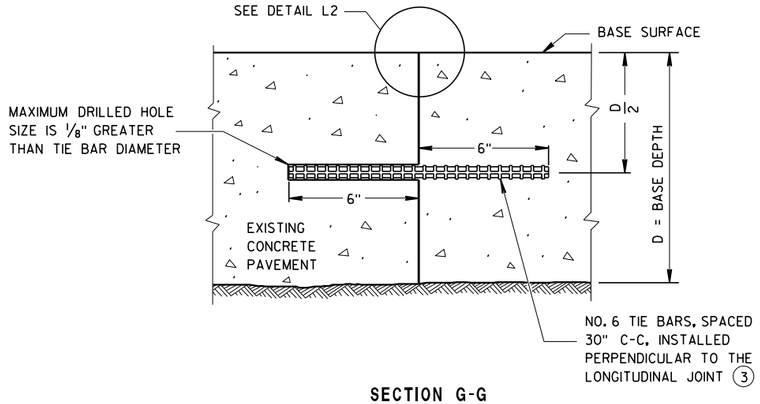
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

S.D.D. 13 C 14-7b

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S.D.D. 13 C 14-7b



SECTION G-G

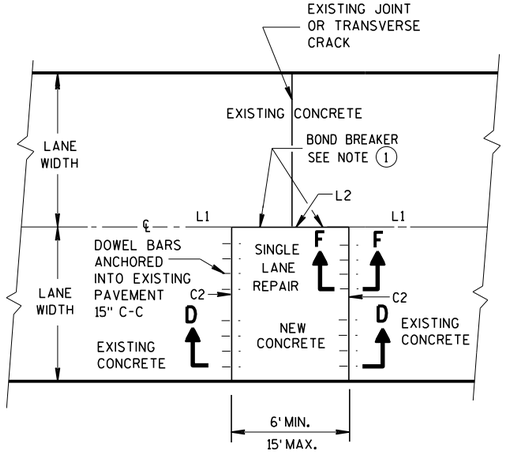
TIE BARS ANCHORED INTO EXISTING PAVEMENT

GENERAL NOTES

(1) USE AN ENGINEER-APPROVED BOND BREAKER (E.G. RELEASE AGENT, CURING COMPOUND) FOR SINGLE LANE BASE PATCHES UP TO 15 FEET IN LENGTH.

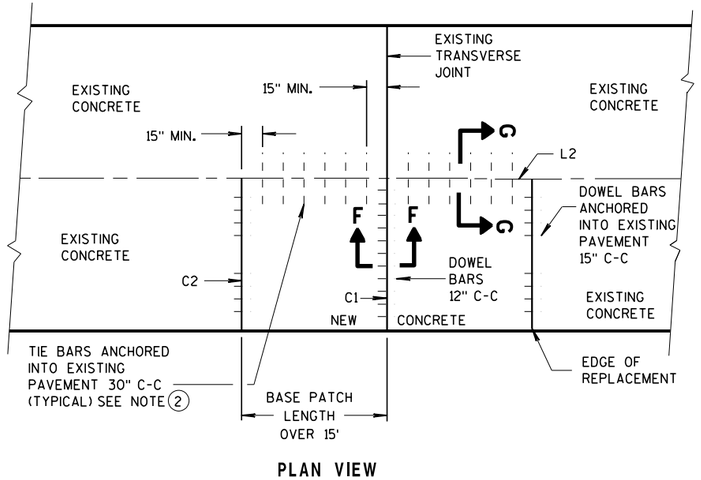
(2) WITH THE APPROVAL OF THE ENGINEER, FOR SINGLE LANE PAVEMENT REPLACEMENTS LESS THAN 30 FEET IN LENGTH, DRILLED TIE BARS MAY BE INSTALLED ON 6:1 SKEW HORIZONTALLY, DIRECTION OF SKEW ALTERNATING WITH EACH SUCCESSIVE BAR. DRIVE SKEWED TIE BARS TO A DEPTH OF 6 INCHES IN A HOLE OF SUCH A DIAMETER AS TO PROVIDE A TIGHT DRIVEN FIT.

(3) ANCHOR TIE BARS INTO DRILLED HOLES WITH AN EPOXY.



PLAN VIEW

SINGLE LANE CONCRETE BASE PATCH 15' MAXIMUM LENGTH



PLAN VIEW

SINGLE LANE CONCRETE BASE PATCH GREATER THAN 15' IN LENGTH

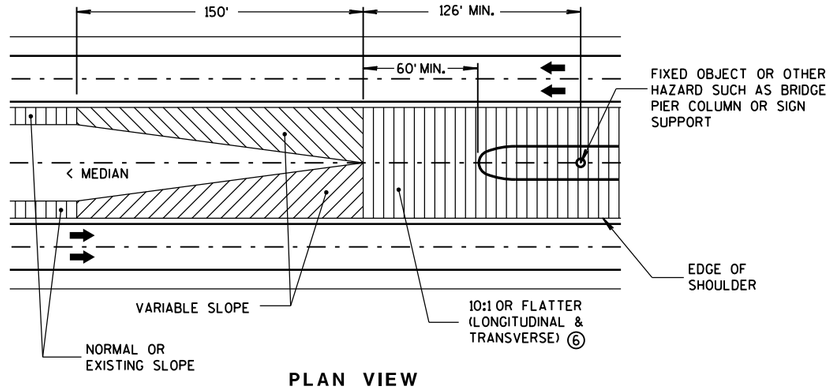
BASE PATCHING CONCRETE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2018 — DATE
/S/ Peter Kemp P.E. — PAVEMENT SUPERVISOR
FHWA

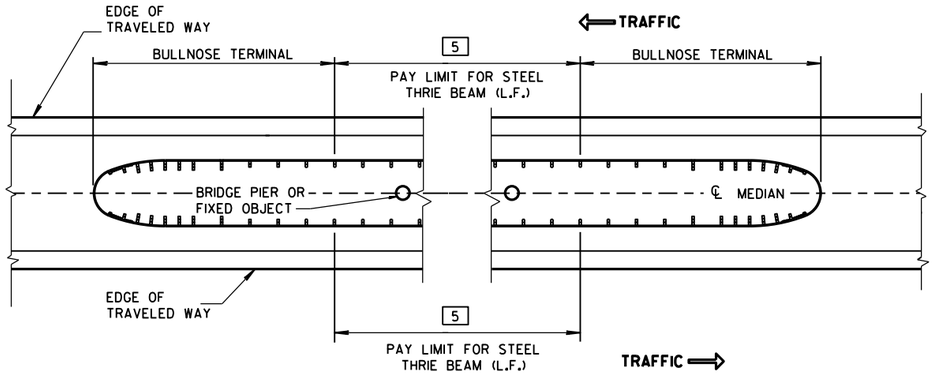
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S.D.D. 13 C 14-7c

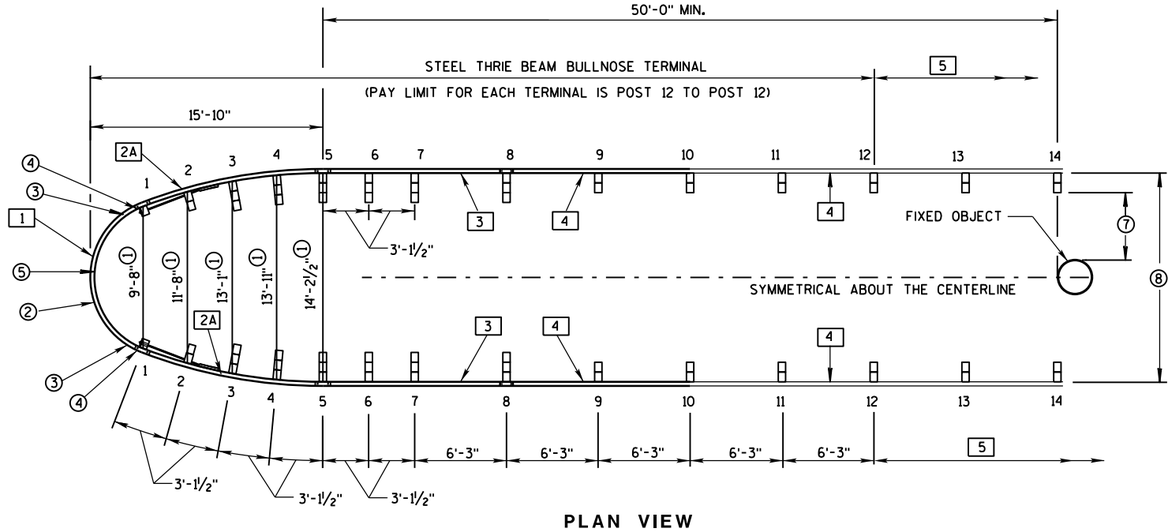


PLAN VIEW

GRADING AT BULLNOSE
(ALL INSTALLATIONS)

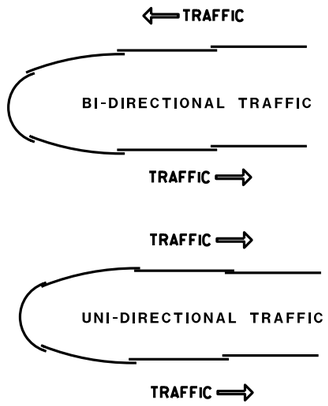


MEDIAN HAZARD PROTECTION PAY LIMITS



PLAN VIEW

TYPICAL BULLNOSE LAYOUT



LAPPING DETAIL
(ALL INSTALLATIONS)

GENERAL NOTES

SEE STANDARD DETAIL DRAWINGS 14 B 26a-e.

PUNCHING, DRILLING, CUTTING OR WELDING IS NOT PERMITTED ON ANY GALVANIZED THRIE BEAM ACCESSORY OR TERMINAL ACCESSORY.

OTHER ANCHOR CABLE ASSEMBLIES HAVING 40,000 LBS. MIN. BREAKING STRENGTH MAY BE USED.

FOR POSTS 2 THROUGH 14, IF POST CANNOT BE INSTALLED AT SPECIFIED LOCATION 1 EXTRA STANDARD WOOD BLOCK MAY BE ADDED.

THE USE OF STEEL POSTS ON THE BULLNOSE IS NOT ALLOWED.

BOLTS AND ALL NECESSARY HARDWARE SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A 153.

ALL THRIE BEAM SHALL BE 12-GAUGE.

IF ROCK IS ENCOUNTERED, REMOVE ROCK TO FULL DEPTH OF POST PLUS 2½" AND 12" DIAMETER AROUND POST. SEE SDD 14B15 OR SDD 14B42 FOR MORE INFORMATION.

[1] SLOTTED THRIE BEAM RAIL NO. 1. (POST 1 TO POST 1)

[2A] SLOTTED THRIE BEAM RAIL NO. 2A. (POST 1 TO POST 5)

[3] SLOTTED THRIE BEAM RAIL NO. 3. (POST 5 TO POST 8)

[4] UNBENT STANDARD THRIE-BEAM RAIL NO.4. (POST 8 TO POST 10 & POST 10 TO POST 12)

[5] BEYOND POST 12: CONSTRUCT STEEL THRIE BEAM - USE UNBENT STANDARD THRIE BEAM RAIL NO. 5.

① DIMENSIONS ARE FROM BACK OF RAIL TO BACK OF RAIL WHERE RAIL IS BOLTED TO POST OR BLOCK.

② U-BOLT CABLE CLIPS (3 PER CABLE) SPACED OUT ON NOSE, TO HOLD CABLE TO BACKSIDE OF THE RAIL.

③ NOSE CABLE W/SWAGGED END BUTTONS.

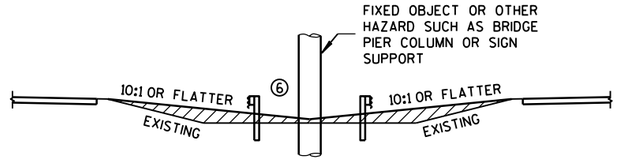
④ NOSE CABLE ANCHOR PLATE (BACKSIDE OF SPLICE).

⑤ THE SLACK IN THE NOSE CABLES SHALL BE EVENLY DISTRIBUTED BETWEEN THE CABLE CLIP FASTENERS AND POST NO. 1 ON EITHER SIDE OF THE NOSE.

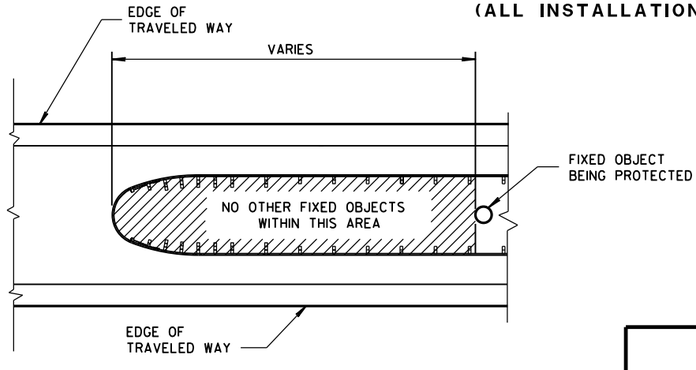
⑥ PROVIDE SUITABLE DRAINAGE WHEN MEDIAN GRADING IMPEDES NORMAL FLOW.

⑦ 2'-6" MINIMUM LATERAL DISTANCE BETWEEN BACK OF POST AND FACE OF FIXED OBJECT.

⑧ MAXIMUM WIDTH OF SYSTEM IS 14'-2½" MEASURED FROM BACK OF RAIL TO BACK OF RAIL WHERE RAIL IS BOLTED TO A POST OR BLOCK.



MEDIAN GRADING SECTION
(ALL INSTALLATIONS)

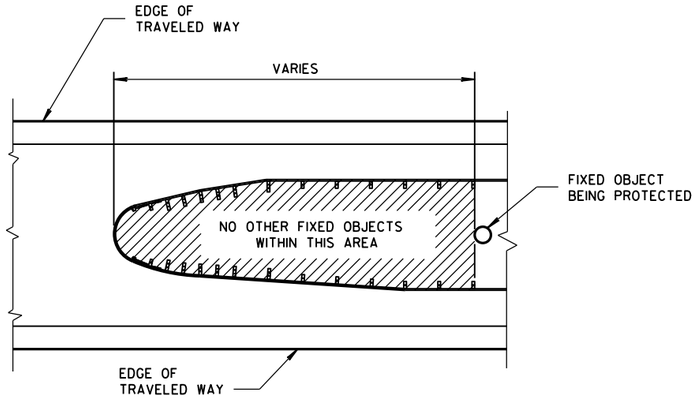


HAZARD FREE AREA INSIDE BULLNOSE

STEEL THRIE BEAM BULLNOSE TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6
S.D.D. 14 B 26-3a



HAZARD FREE
AREA INSIDE BULLNOSE

GENERAL NOTES

SEE STANDARD DETAIL DRAWINGS 14 B 26a-e.

FOR POSTS 2 THROUGH 14, IF POST CANNOT BE INSTALLED AT SPECIFIED LOCATION 1 EXTRA STANDARD WOOD BLOCK MAY BE ADDED.

[1] SLOTTED THRIE BEAM RAIL NO. 1. (POST 1 TO POST 1)

[2A] SLOTTED THRIE BEAM RAIL NO. 2A, (POST 1 TO POST 5)

[2B] SLOTTED THRIE BEAM RAIL NO. 2B, (POST 1 TO POST 5)

[3] SLOTTED THRIE BEAM RAIL NO. 3. (POST 5 TO POST 8)

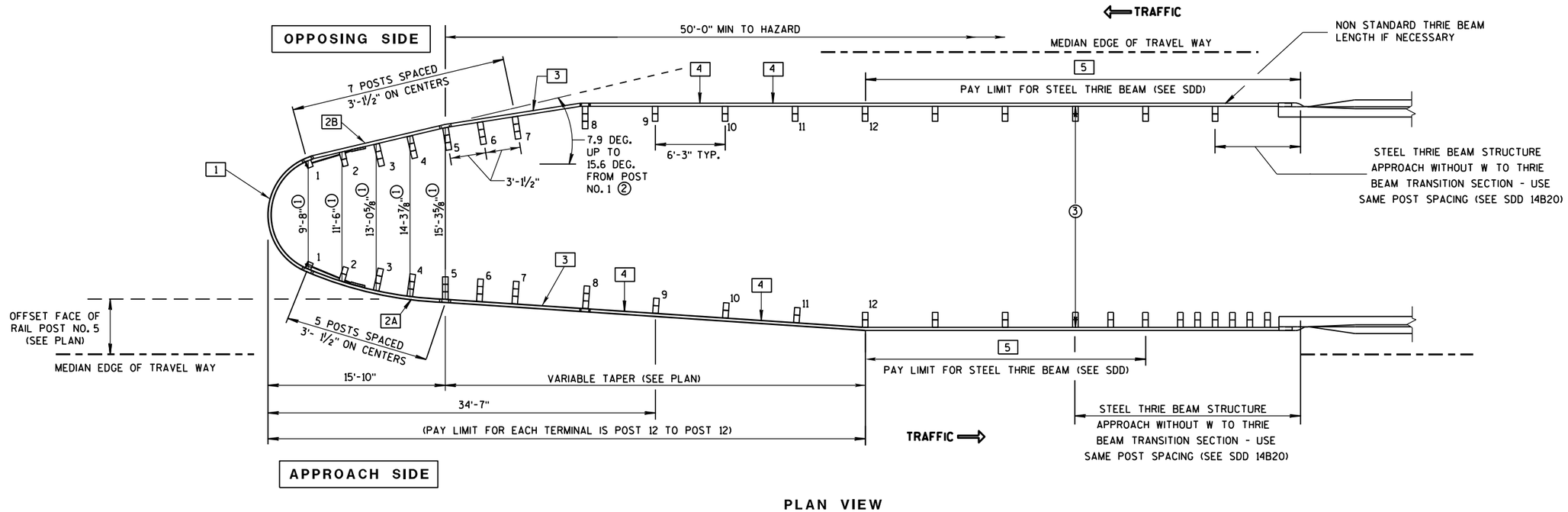
[4] UNBENT STANDARD THRIE-BEAM RAIL NO. 4, (POST 8 TO POST 10 & POST 10 TO POST 12)

[5] BEYOND POST 12: CONSTRUCT STEEL THRIE BEAM - USE UNBENT STANDARD THRIE BEAM RAIL NO. 5.

① DIMENSIONS ARE FROM BACK OF RAIL TO BACK OF RAIL WHERE RAIL IS BOLTED TO POST.

② TAPER BEGINNING AT POST NO. 1 MUST CONTINUE TO POST NO. 5. PAST POST NO. 5 TAPER MAY END OR BE EXTENDED UP TO 15.6 DEGREES TO FIT VARIABLE MEDIAN WIDTHS. (SEE PLAN)

③ FOR MEDIANS WIDER THAN 14'-2½" MEASURED FROM BACK OF RAIL TO BACK OF RAIL WHERE RAIL IS BOLTED TO A POST OR BLOCK.



PLAN VIEW

WIDENED BULLNOSE DESIGN

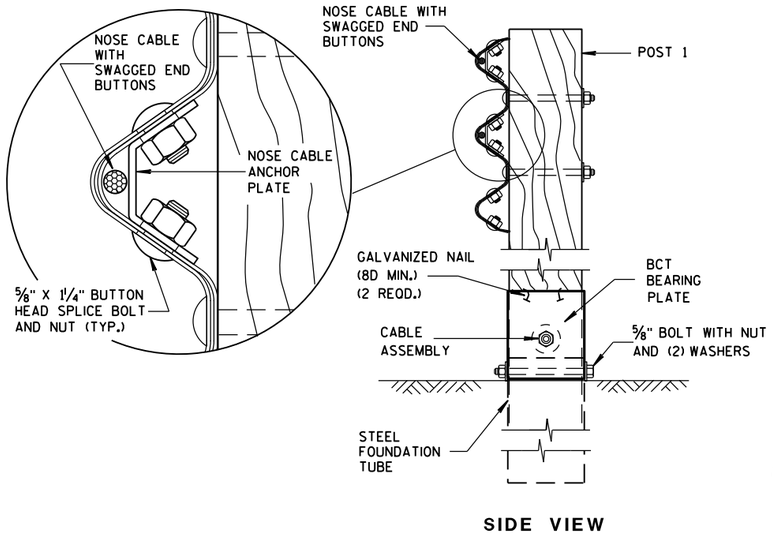
(INSTALLATION AT TWIN BRIDGES WITH BI-DIRECTIONAL TRAFFIC SHOWN)

STEEL THRIE BEAM
BULLNOSE TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

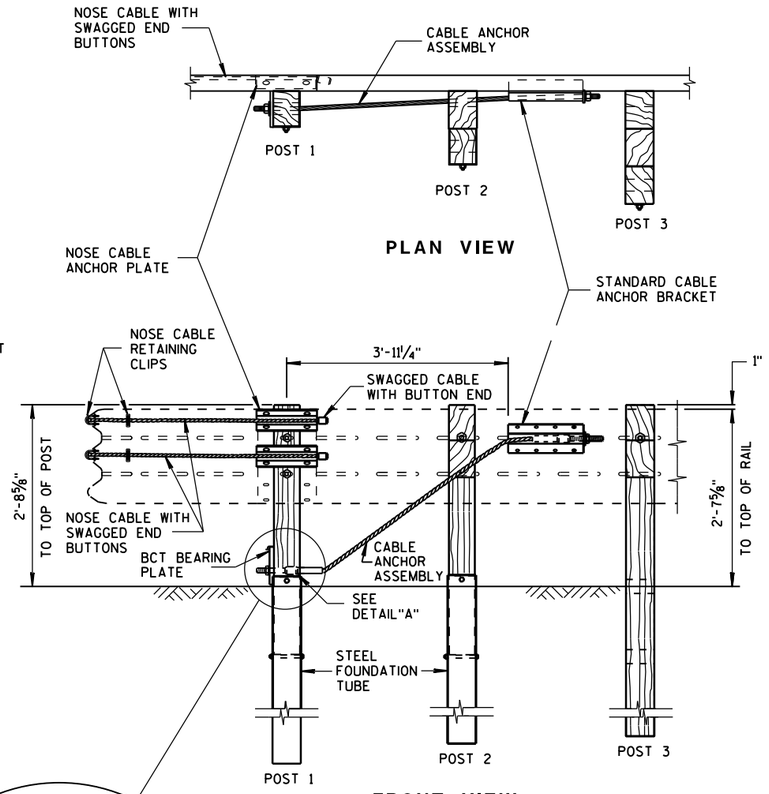
6

S.D.D. 14 B 26-3b

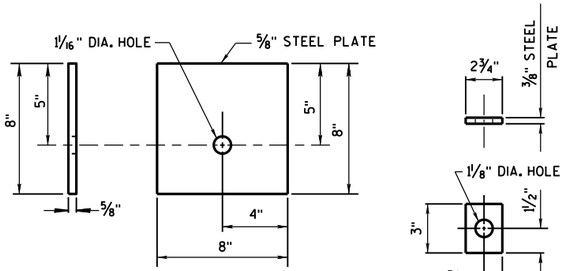


SIDE VIEW

NOSE CABLE ASSEMBLY AT POST NO. 1

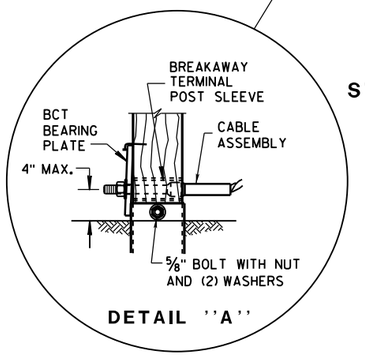


PLAN VIEW

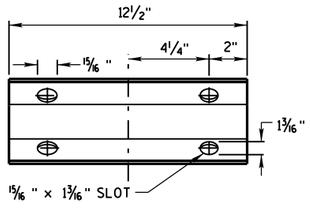


BCT BEARING PLATE

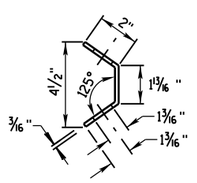
CABLE END PLATE



DETAIL ''A''



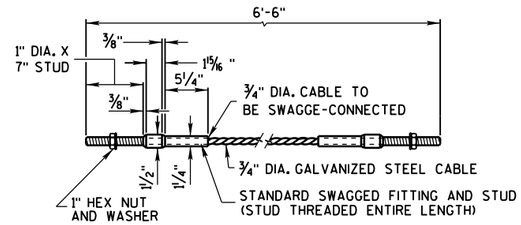
ELEVATION VIEW



END VIEW

NOSE CABLE ANCHOR PLATE

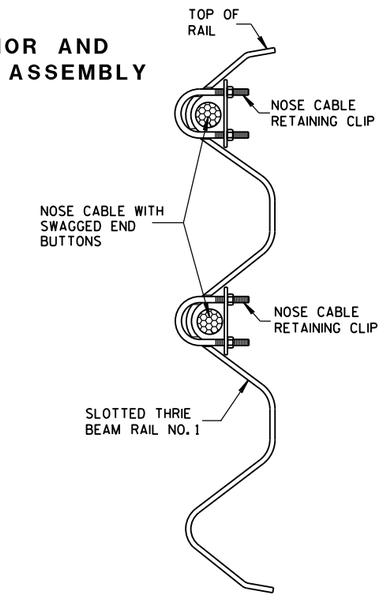
NOTE: 12 1/2" x 5 13/16" x 3/16" STEEL PLATE (A306)



DETAILS OF CABLE ANCHOR ASSEMBLY

FRONT VIEW

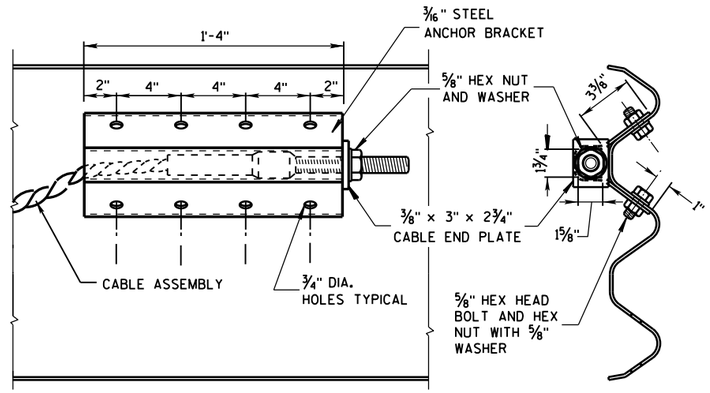
NOSE CABLE ANCHOR AND STANDARD BRACKET ASSEMBLY



PLACEMENT OF NOSE CABLE RETAINING CLIP

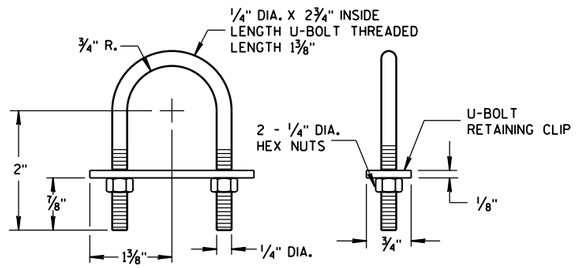
GENERAL NOTES

SEE STANDARD DETAIL DRAWINGS 14 B 26a-e.

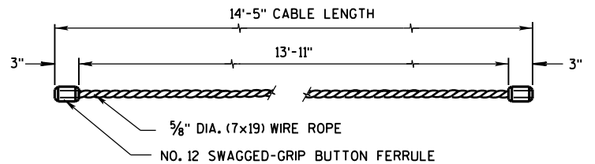


FRONT VIEW END VIEW

DETAILS OF CABLE ANCHOR BRACKET



NOSE CABLE RETAINING CLIP



NOSE CABLE WITH SWAGGED END BUTTONS

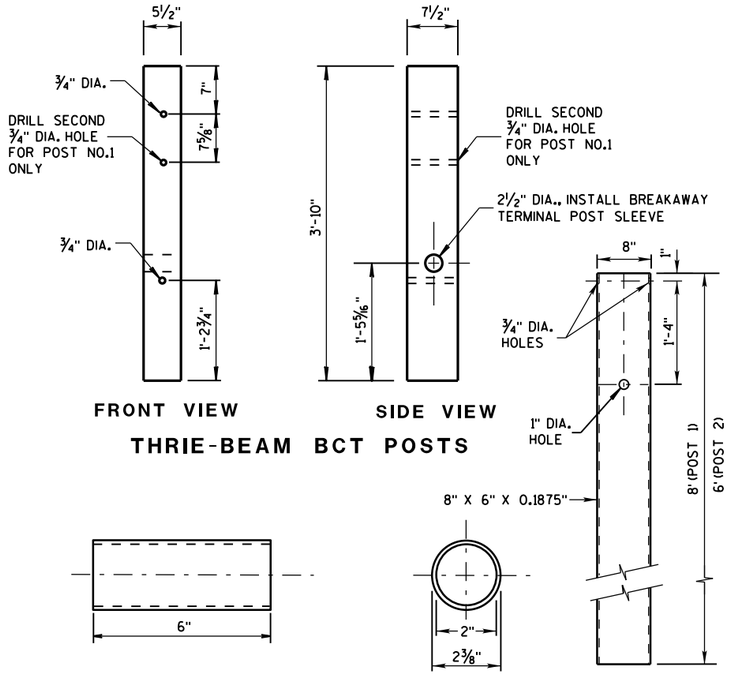
TO PULL OFF SWAGGED GRIP BUTTON FERRULE FROM WIRE ROPE REQUIRES A FORCE EQUAL TO 98% OF THE WIRE ROPE'S BREAKING STRENGHT.

STEEL THRIE BEAM BULLNOSE TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6

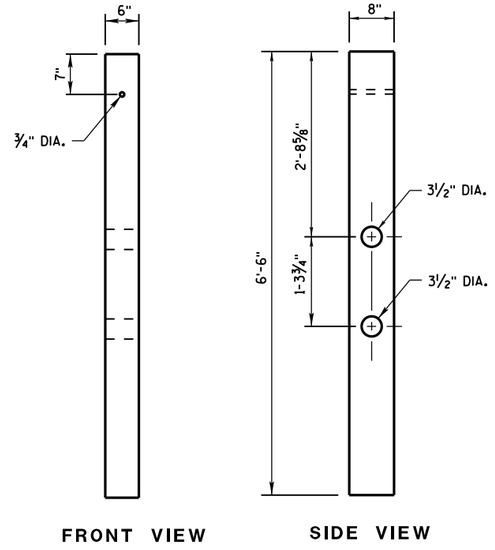
S.D.D. 14 B 26-3c



THRIE-BEAM BCT POSTS

BREAKAWAY TERMINAL POST SLEEVE

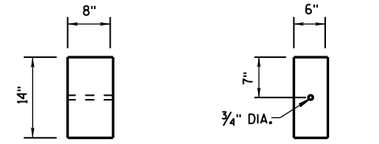
STEEL FOUNDATION TUBE



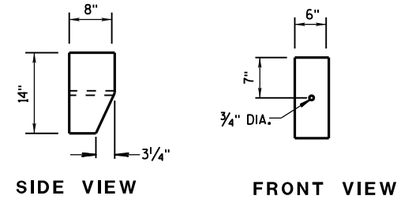
THRIE-BEAM CRT WOOD POSTS

GENERAL NOTES

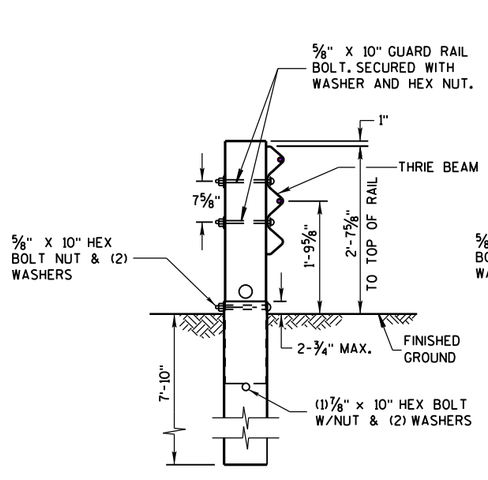
SEE STANDARD DETAIL DRAWINGS 14 B 26a-e.



STANDARD WOOD BLOCK

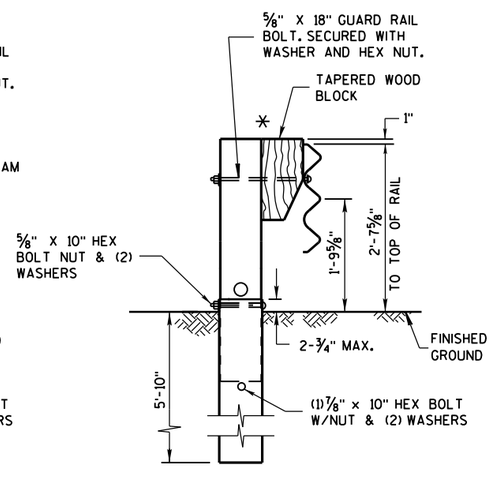


TAPERED WOOD BLOCK



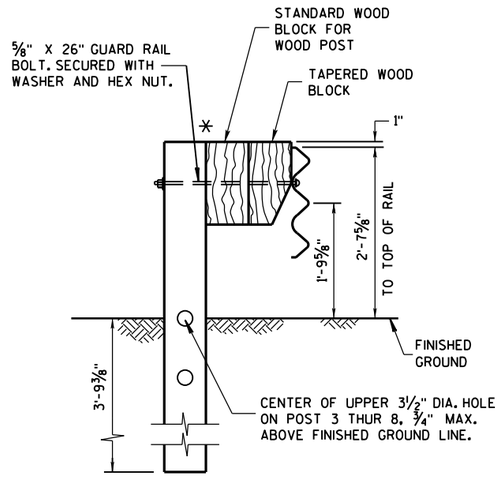
THRIE-BEAM BCT POST
(WITH 8'-0" FOUNDATION TUBE)

POST NO. 1



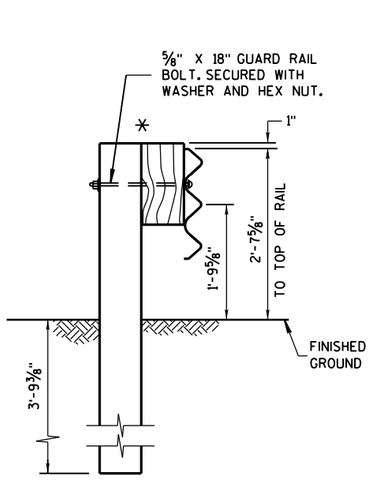
THRIE-BEAM BCT POST
(WITH 6'-0" FOUNDATION TUBE AND 1'-2" TAPERED BLOCK)

POST NO. 2



THRIE-BEAM CRT POST
(6'-6" LONG POST WITH 1'-2" BLOCK AND 1'-2" TAPERED BLOCK)

POST NO. 3,4,5,6,7, & 8



THRIE-BEAM POST
(6'-6" LONG POST WITH 1'-2" BLOCK)

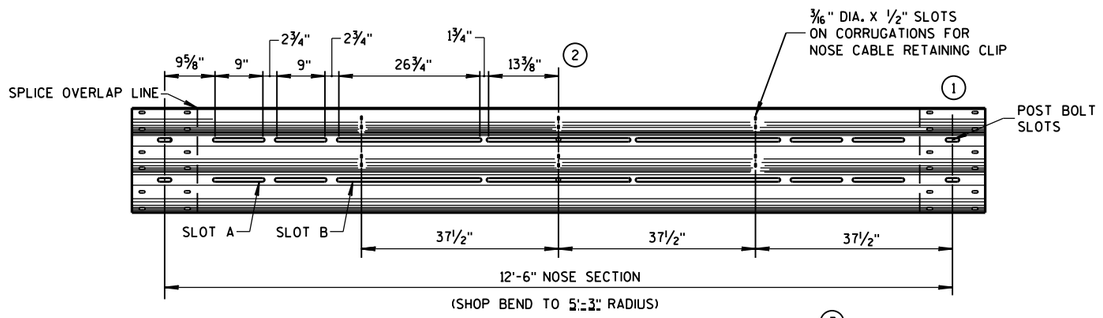
POST NO. 9,10,11,& 12

(ALSO USE FOR STEEL THRIE BEAM BEYOND POST 12)

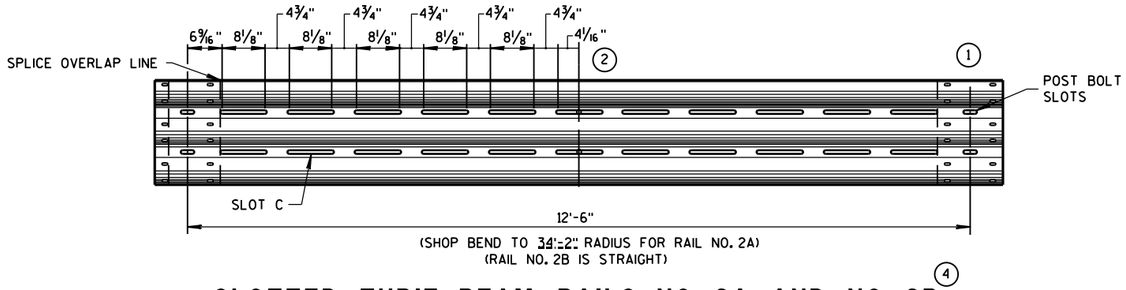
* IF NEEDED DUE TO AN UNDERGROUND OBSTACLE ADD 1 ADDITIONAL STANDARD BLOCKOUT TO POST.

STEEL THRIE BEAM BULLNOSE TERMINAL

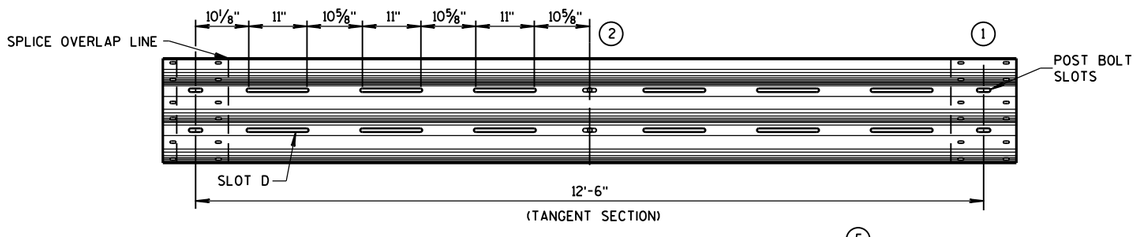
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI



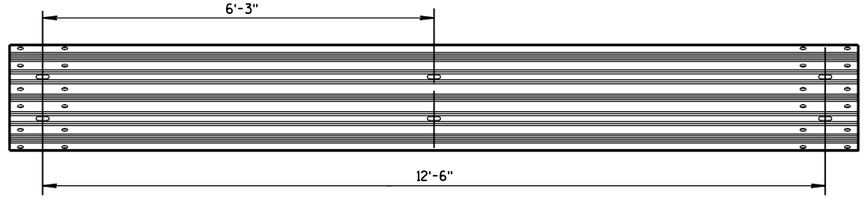
SLOTTED THRIE BEAM RAIL NO. 1 (3)



SLOTTED THRIE BEAM RAILS NO. 2A AND NO. 2B (4)



SLOTTED THRIE BEAM RAIL NO. 3 (5)



UNBENT STANDARD THRIE BEAM RAIL NO. 4 AND NO. 5

GENERAL NOTES

SEE STANADRD DETAIL DRAWINGS 14 B 26a-e.

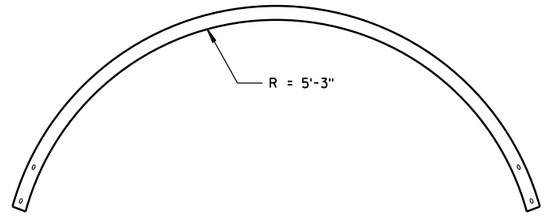
(1) SLOTTED THRIE BEAM RAIL DIMENSIONS SHOWN ARE BEFORE BENDING TO THE RADIUS SHOWN.

(2) SLOT SIZE AND SPACING SYMMETRIC.

(3) SLOTTED THRIE BEAM RAIL NO. 1, 12'-6", SHOP BEND TO R=5'-3".

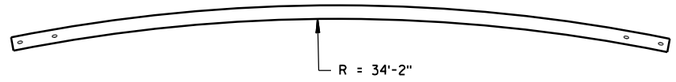
(4) SLOTTED THRIE BEAM RAIL NO. 2A, 12'-6", SHOP BEND TO R=34'-2".
SLOTTED THRIE BEAM RAIL NO. 2B, 12'-6", RAIL IS STRAIGHT.

(5) SLOTTED THRIE BEAM RAIL NO. 3, 12'-6", TANGENT.



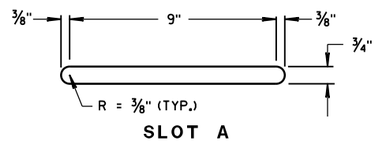
PLAN VIEW

SLOTTED THRIE BEAM RAIL NO. 1

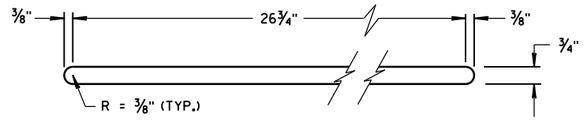


PLAN VIEW

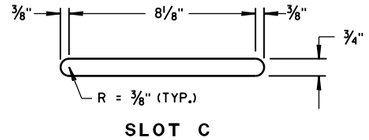
SLOTTED THRIE BEAM RAIL NO. 2A



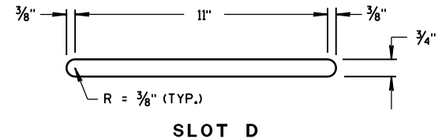
SLOT A



SLOT B



SLOT C



SLOT D

SLOT DETAILS

STEEL THRIE BEAM
BULLNOSE TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2014 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

NT

6

S.D.D. 14 B 26-3e

6

S.D.D. 14 B 26-3e

(1) WOOD OR STEEL POSTS (w6X9 OR w6X8.5) MAY BE USED. DO NOT INTERMIX WOOD AND STEEL POSTS. INSTALL STEEL POSTS WITH HOLES ON APPROACHING TRAFFIC SIDE.

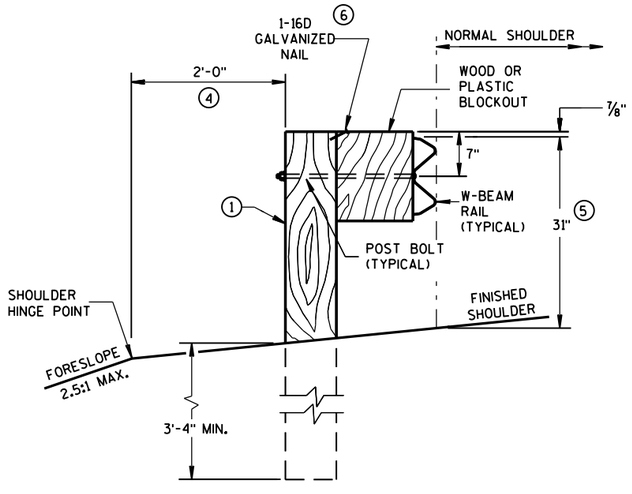
(2) USE WOOD OR APPROVED PLASTIC BLOCKOUTS. WOOD BLOCKOUTS MAY BE CONSTRUCTED OUT OF TWO OR MORE WOOD BLOCKOUTS. SEE ALTERNATE WOOD BLOCKOUT DETAIL. DIMENSIONS OF APPROVED PLASTIC BLOCKOUTS MAY VARY.

(3) IF ROCK IS ENCOUNTERED DURING EXCAVATION, PROVIDE A HOLE 12 INCHES IN DIAMETER EXTENDING 20 INCHES DEEP INTO THE ROCK. PLACE APPROXIMATELY 2½ INCHES OF GRANULAR MATERIAL IN THE BOTTOM OF THE HOLE. CUT THE POSTS THE TO LENGTH AMD INSTALL. BACKFILL WITH EXCAVATED MATERIAL AND COMPACT. BACKFILL IS TO BE FREE OF LARGE ROCKS.

(4) WHEN THE DISTANCE FROM BACK OF POST TO SHOULDER HINGE POINT IS LESS THAN 2 FEET INSTALL LONGER POST AT HALF POST SPACING (K).

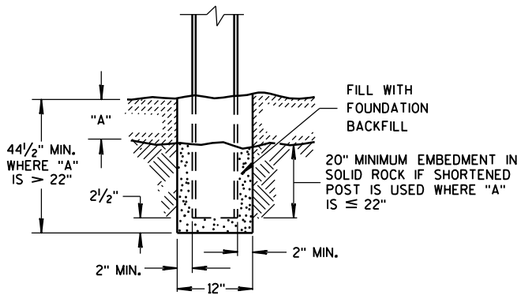
(5) FOR NEW MGS INSTALLATION TOP OF W-BEAM RAIL TOLERANCE IS ± 1". FOR EXISTING MGS INSTALLATION TOP OF W-BEAM IS BETWEEN 27¾" TO 32".

(6) WHEN USING STEEL POST AND WOOD BLOCKOUTS INSTALL FOUR 16D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.



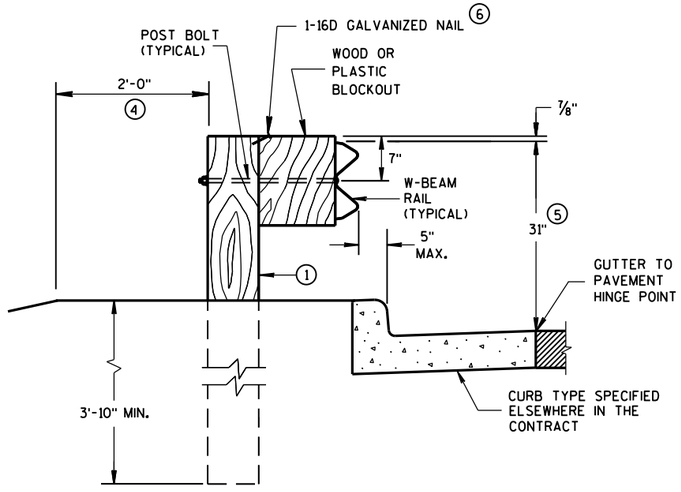
END VIEW

LOCATED ALONG A ROADWAY SHOULDER
STANDARD INSTALLATION



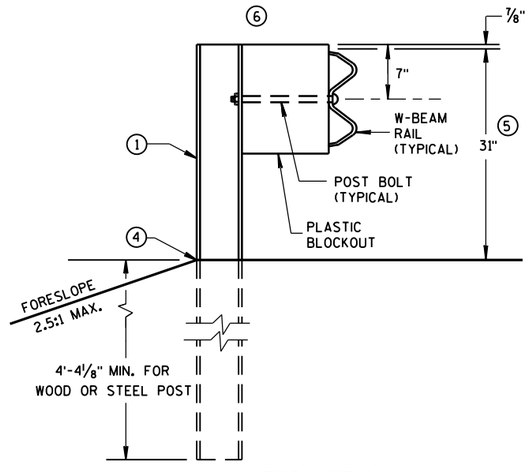
END VIEW

SETTING STEEL OR WOOD POST IN ROCK (3)



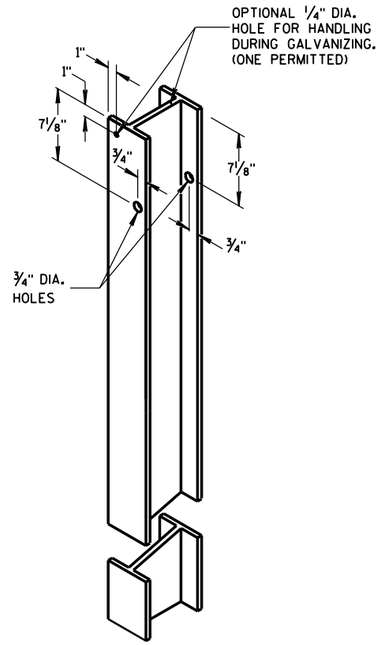
END VIEW

LOCATED ALONG A CURBED ROADWAY

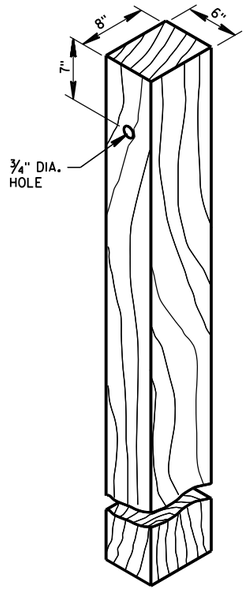


END VIEW

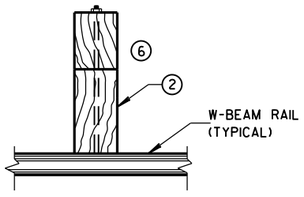
MGS LONGER POST AT HALFPOST SPACING W BEAM (K)



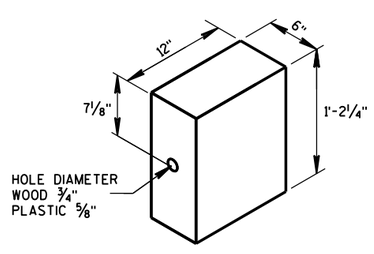
STEEL POST &
HOLE PUNCHING DETAIL
(w6X9) (1)



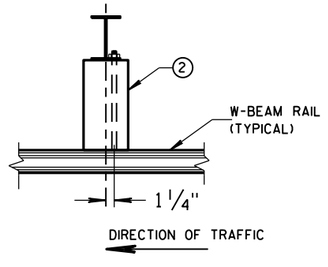
WOOD POST
(6" X 8") NOMINAL (1)



PLAN VIEW
WOOD POST,
BLOCKOUT & BEAM



WOOD OR
PLASTIC BLOCKOUT (2)



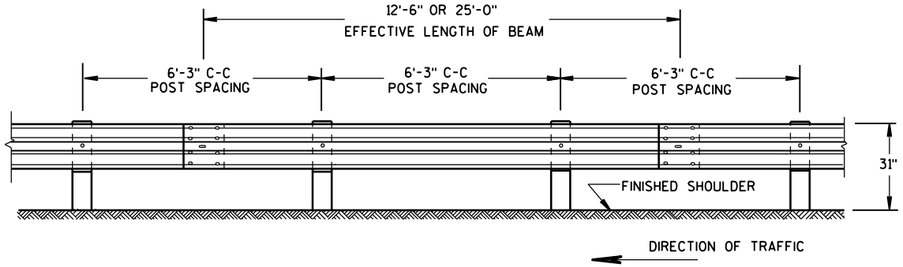
PLAN VIEW
STEEL POST,
PLASTIC BLOCKOUT & BEAM

MIDWEST GUARDRAIL SYSTEM
(MGS) GUARDRAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

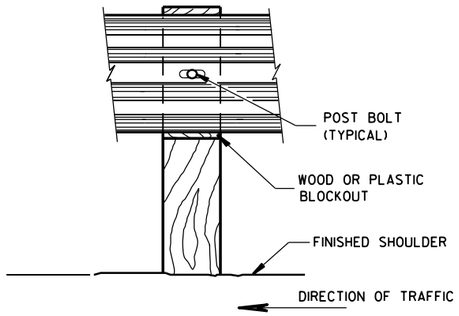
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S.D.D. 14 B 42-5a



FRONT VIEW

POST SPACING STANDARD INSTALLATION



FRONT VIEW AT WOOD POST

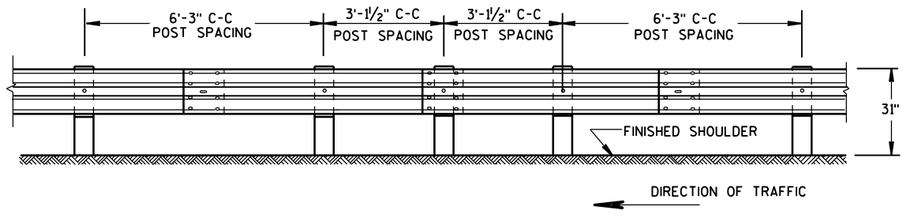
GENERAL NOTES

(8) DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL. RAIL SPLICE LOCATIONS ARE THE ONLY ACCEPTABLE LOCATIONS FOR REFLECTORS.

(11) 25 FEET OF HALF POST SPACING IS REQUIRED ON APPROACH AND DEPARTURE ENDS OF QUARTER POST SPACING.

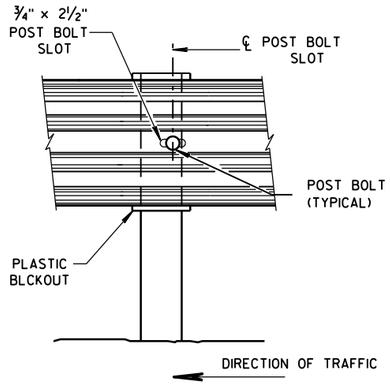
POST BOLTS ARE A 5/8" DIAMETER ASTM A307 GUARDRAIL BOLT. A POST BOLT REQUIRES 5/8" DIAMETER A563A DOUBLE RECESSED (DR) HEAVY HEX NUT AND 5/8" DIAMETER F844 FLAT WASHER. POST BOLTS MAY BE LONGER IF MULTIPLE BLOCKOUTS ARE BEING USED.

GUARD RAIL SPLICE BOLTS ARE A 5/8" DIAMETER ASTM A307 GUARDRAIL HEAD BOLT. A GUARDRAIL SPLICE BOLT REQUIRES 5/8" DIAMETER A563A DOUBLE RECESSED (DR) HEAVY HEX NUT.

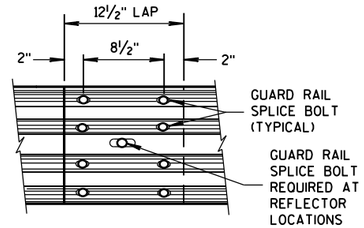


FRONT VIEW

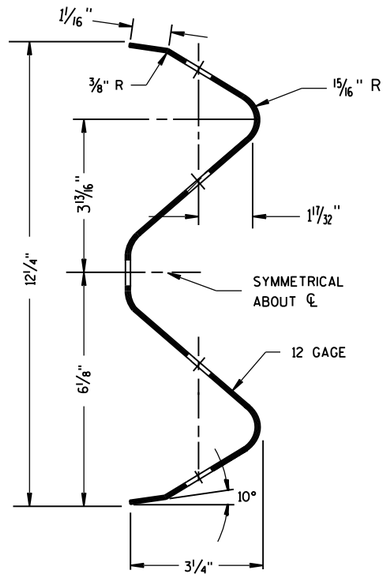
HALF POST SPACING (HS) AND HALF POST SPACING WITH LONGER POSTS (K)



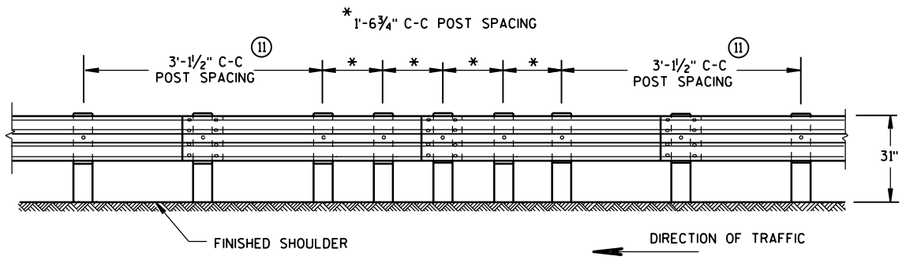
FRONT VIEW AT STEEL POST



FRONT VIEW
MID-SPAN BEAM SPLICE

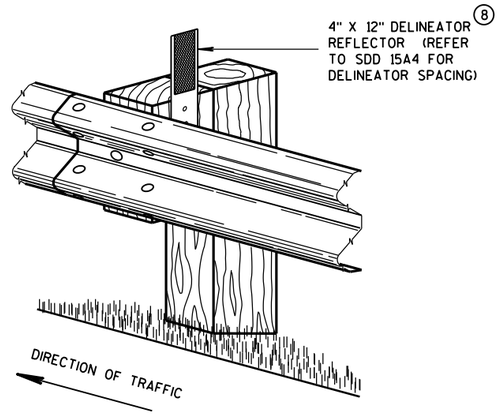


SECTION THRU W-BEAM RAIL



FRONT VIEW

QUARTER POST SPACING (QS)



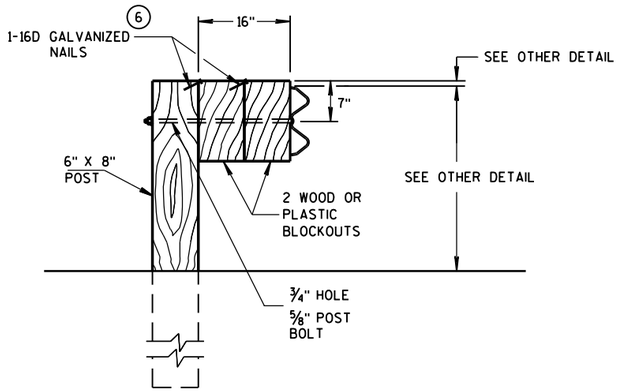
ONE SIDED REFLECTOR DETAIL AND TYPICAL INSTALLATION

MIDWEST GUARDRAIL SYSTEM
(MGS) GUARDRAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPO

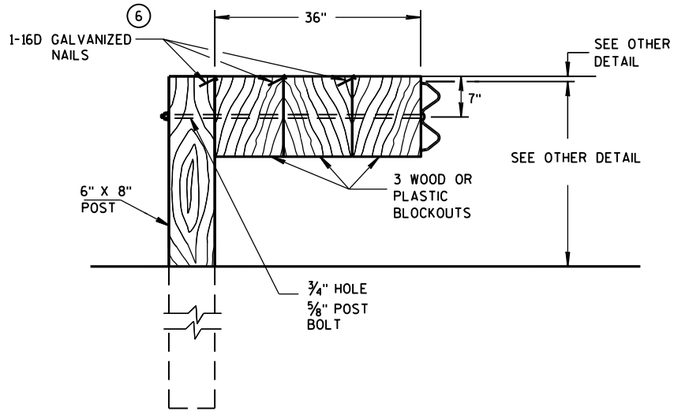
6

S.D.D. 14 B 42-5b



DETAIL FOR 16" BLOCKOUT DEPTH

IT IS ACCEPTABLE TO USE BLOCKOUTS UP TO 16" DEEP TO INCREASE THE POST OFFSET TO AVOID UNDERGROUND OBSTACLES. THERE IS NO LIMIT TO THE NUMBER OF POSTS THAT CAN HAVE ADDITIONAL BLOCKOUTS UP TO 16" DEEP.

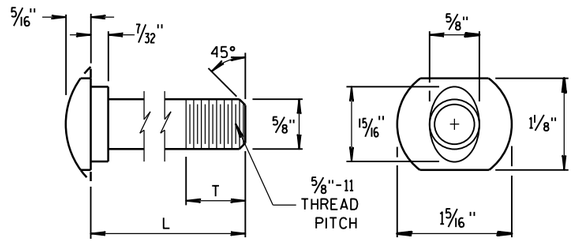


DETAIL FOR 36" BLOCKOUT DEPTH

NOTES: UNDER SPECIAL CIRCUMSTANCES, SUCH AS AVOIDING OBSTACLES THAT ARE NOT RELOCATED, IT IS ACCEPTABLE TO INSTALL ADDITIONAL BLOCKOUTS TO OBTAIN UP TO 36" DEPTH FOR ONE OR TWO POSTS IN A SECTION OF GUARDRAIL.

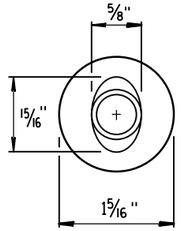
DO NOT USE 16" OR 36" BLOCKOUTS IF IT CAUSES THE POST TO BE DRIVEN BEYOND SHOULDER HINGE POINT OR CAUSES A FIXED OBJECT TO BE WITHIN THE DEFLECTION DISTANCE OF THE BARRIER.

NOTE: 1. ALL FILLETS SHALL HAVE A MINIMUM RADIUS OF 1/16".
2. IF THE BOLT EXTENDS MORE THAN 1/4" FROM THE NUT THE BOLT SHOULD BE TRIMMED BACK.

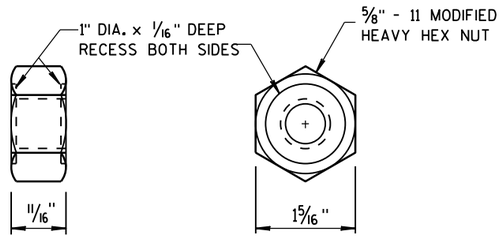


POST BOLT TABLE

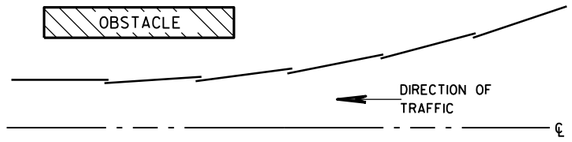
L	T (MIN.)
1¼"	1⅛"
2"	1¾"
10"	4"
14"	4 1/16"
18"	4"
21"	4 1/16"
25"	4"



ALTERNATE BOLT HEAD

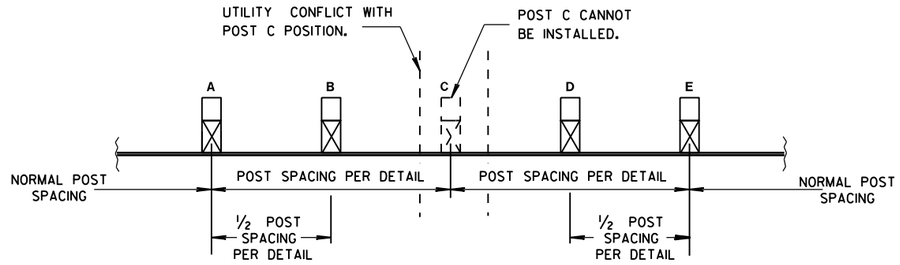


POST BOLT, SPLICE BOLT AND RECESS NUT

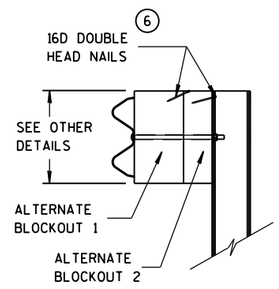


PLAN VIEW

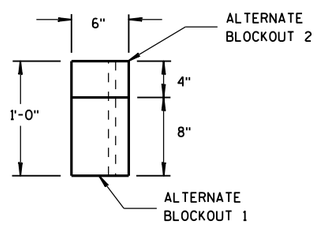
BEAM LAPPING DETAIL



POST DRIVING FOR CONTINUOUS UNDERGROUND OBSTRUCTION



SIDE VIEW



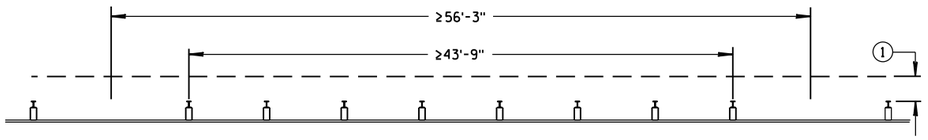
TOP VIEW

ALTERNATE WOOD BLOCKOUT DETAIL

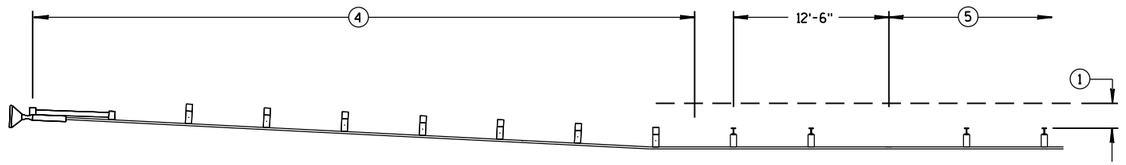
MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

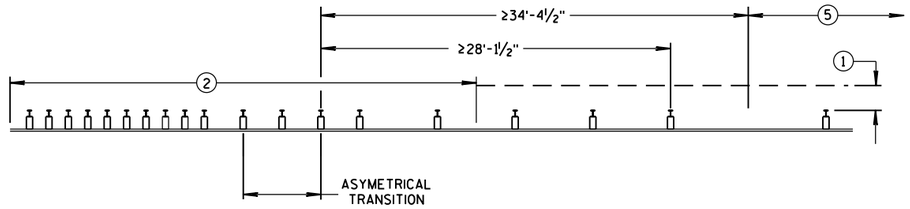
6
S.D.D. 14 B 42-5c



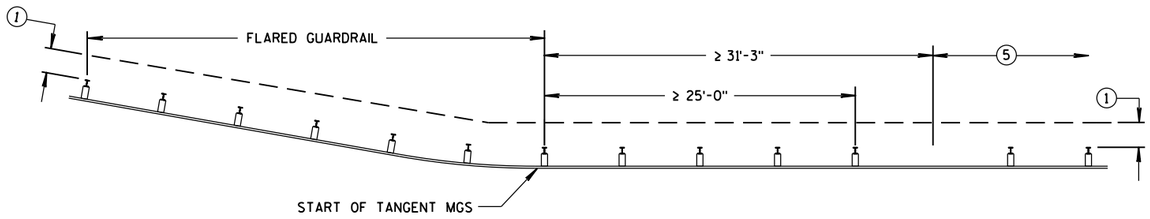
MISSING POST IN NORMAL BEAM GUARD RUN



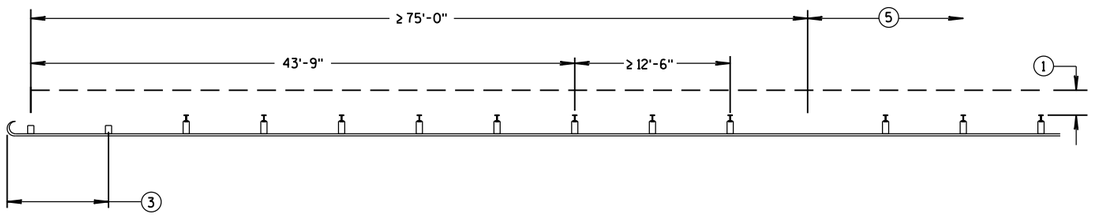
MISSING POST IN NORMAL BEAM GUARD RUN NEAR EAT



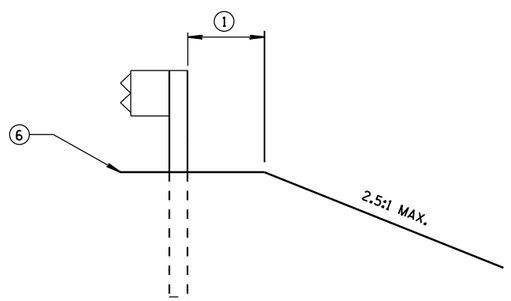
MISSING POST NEAR APPROACH THRIE BEAM TRANSITION



MISSING POST IN NORMAL BEAM GUARD RUN
NEAR FLARED BEAM GUARD



MISSING POST IN NORMAL BEAM GUARD RUN
NEAR TYPE 2 TERMINAL



CROSS SECTION VIEW

(1) MINIMUM OF 2 FEET OF GRADING BEHIND POST.

(2) SEE SDD 14B45 FOR MORE DETAILS.

(3) SEE SDD 14B47 FOR MORE DETAILS.

(4) SEE SDD 14B44 FOR MORE DETAILS.

(5) SEE MISSING POST IN NORMAL BEAM GUARD RUN FOR DISTANCE TO NEXT MISSING POST AND AREA FOR WELL DRAINED, COMPACTED SOILS.

(6) SEE PLAN FOR SHOULDER DESIGN.

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2017
DATE
FHWA

/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT
UNIT SUPERVISOR

6

S.D.D. 14 B 42-5d

6

S.D.D. 14 B 42-5d

GENERAL NOTES

(A) THE SLOPE IN THE AREA BOUNDED BY THE GRADELINE, THE HINGE POINT LINE (HPL), AND THE CLEAR ZONE LIMITS (CZL) SHALL BE 4:1 OR FLATTER.

(B) AFTER FINAL ASSEMBLY, RECHECK CABLE TO BE SURE IT IS TAUT AND HAS NOT RELAXED.

(C) DIFFERENT MANUFACTURES REQUIRE DIFFERENT PERFORATED W-BEAM RAIL END PANELS. SEE MANUFACTURES INFORMATION.

(F) ATTACH ALUMINUM SHEET TO E.A.T. HEAD USING 4 STAINLESS STEEL SELF-TAPPING SCREWS. ONE SCREW PER CORNER.

(H) HARDWARE VARIES BETWEEN DIFFERENT MANUFACTURES. SEE MANUFACTURE'S DRAWING FOR INFORMATION.

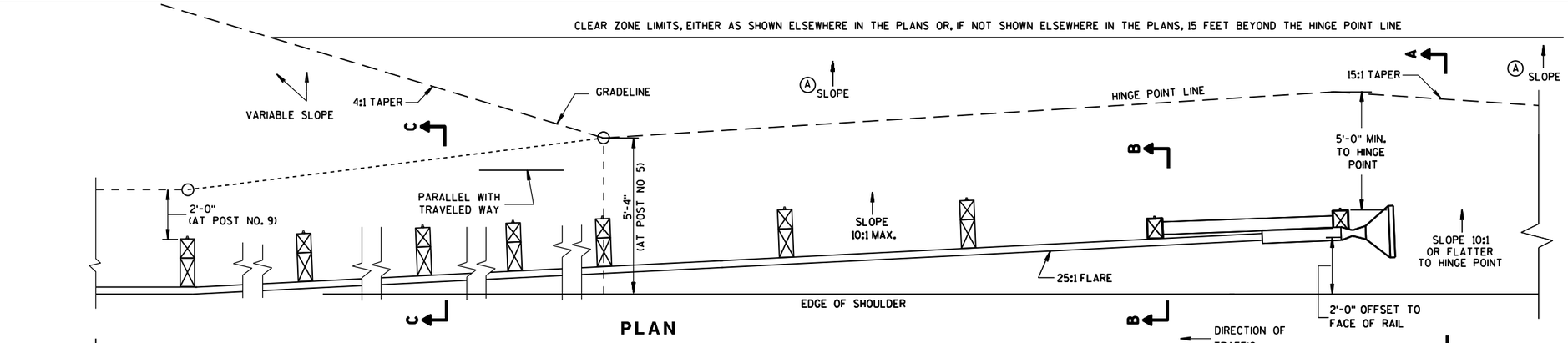
SEE SDD 14B42 FOR MORE INFORMATION.

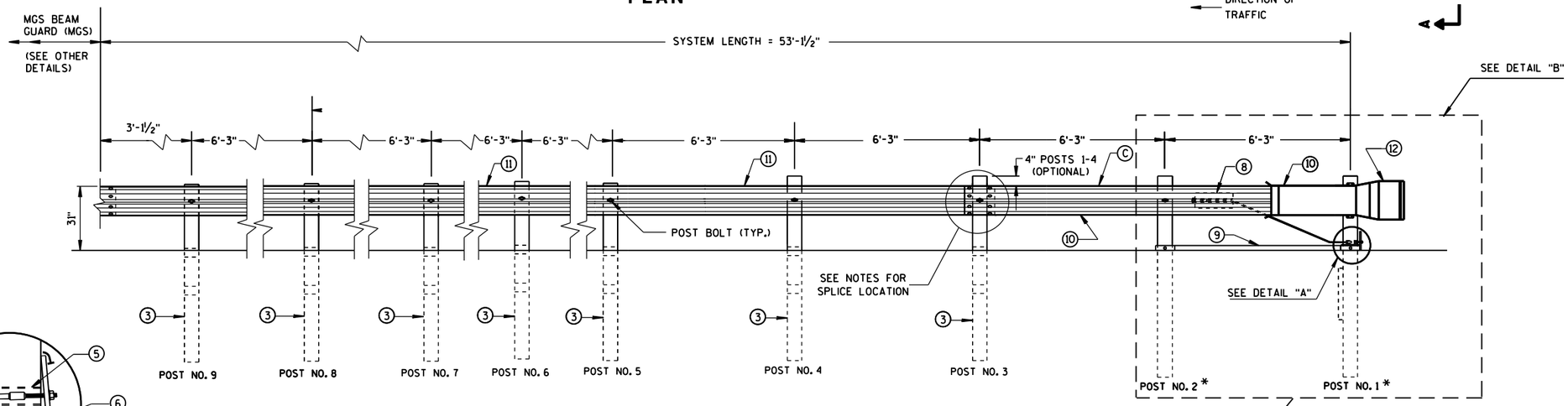
* DO NOT ATTACH BLOCKOUTS TO POSTS 1 AND 2.

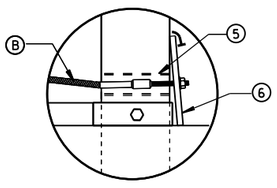
DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL.

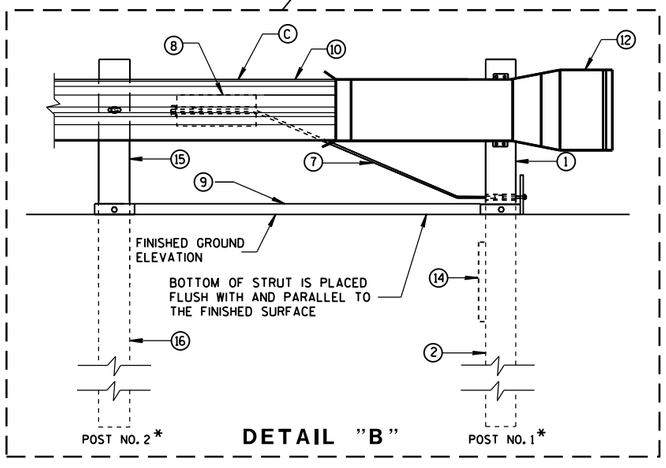
SEE MANUFACTURER'S DRAWING FOR SPLICE LOCATION, HARDWARE DIMENSIONS AND INSTALLATION INSTRUCTIONS.

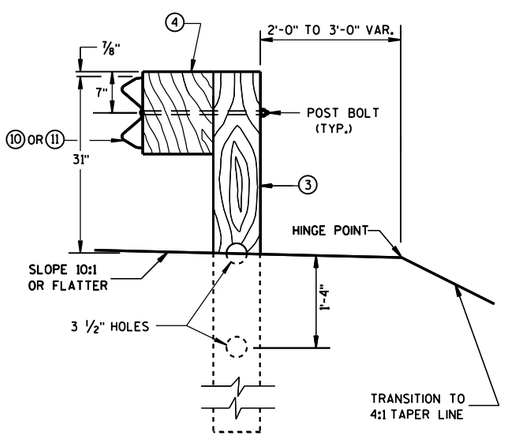
THE CENTER OF THE UPPER 3½" DIAMETER HOLE ON POST NUMBER 3 THROUGH POST 9 IS TO BE FLUSH WITH THE GROUND LINE UP TO A MAXIMUM OF 2" ABOVE GROUND LINE.

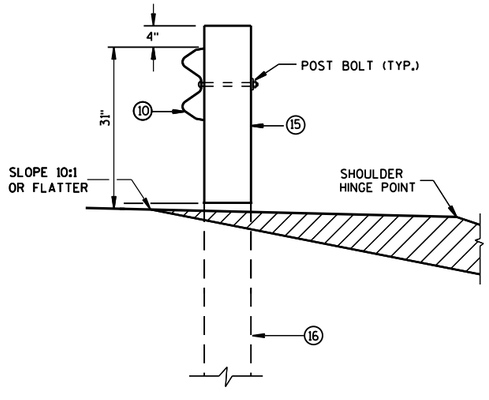


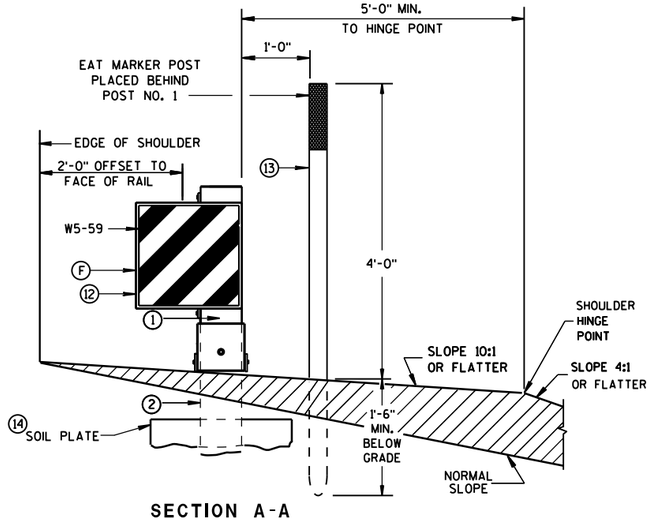












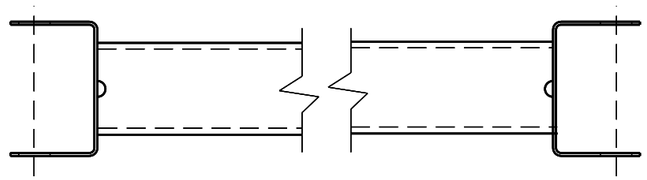
MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)	
STATE OF WISCONSIN DEPARTMENT OF TRANSPO	188

6

S.D.D. 14 B 44-3a

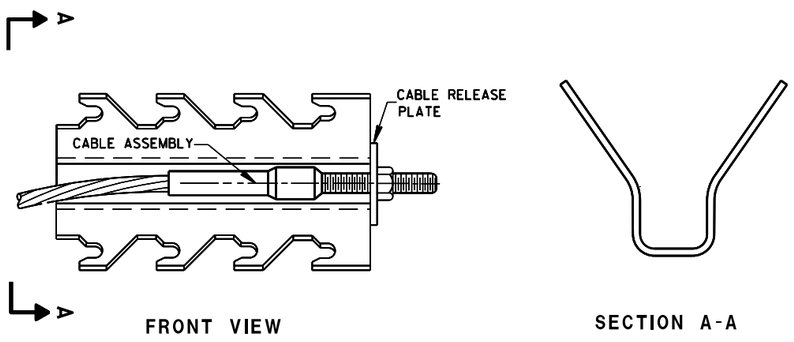
6

S.D.D. 14 B 44-3a



(9) (H)

GENERIC GROUND STRUT



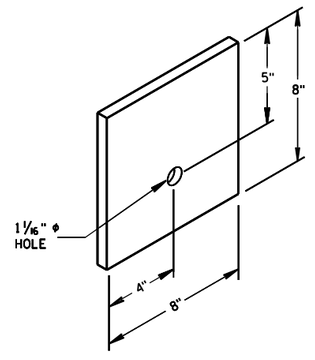
FRONT VIEW

SECTION A-A

GENERIC ANCHOR CABLE BOX (8) (H)

BILL OF MATERIALS

PART NO.	DESCRIPTION MATERIALS PROVIDED BY MGS EAT MANUFACTURER. SEE MANUFACTURER'S DETAILS FOR MORE INFORMATION.
(1)	UPPER POST NO. 1 6" X 6" TUBE
(2)	LOWER POST NO. 1
(3)	WOOD CRT
(4)	WOOD BLOCKOUT
(5)	PIPE SLEEVE
(6)	BEARING PLATE
(7)	BCT CABLE ASSEMBLY
(8)	ANCHOR CABLE BOX
(9)	GROUND STRUT
(10)	PERFORATED W-BEAM RAIL END PANEL, 12'-6" LONG.
(11)	STANDARD W-BEAM RAIL. MULTIPLE SECTIONS REQUIRED. SECTIONS VARY IN LENGTH.
(12)	IMPACT HEAD
(13)	EAT MARKER POST - YELLOW (SEE APPROVED PRODUCTS LIST)
(14)	SOIL PLATE
(15)	UPPER POST NO. 2
(16)	LOWER POST NO. 2



BEARING PLATE (6)

MIDWEST GUARDRAIL SYSTEM
ENERGY ABSORBING TERMINAL
(MGS)

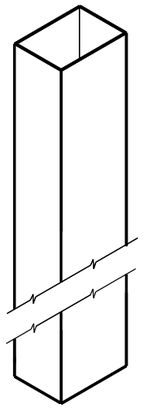
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6

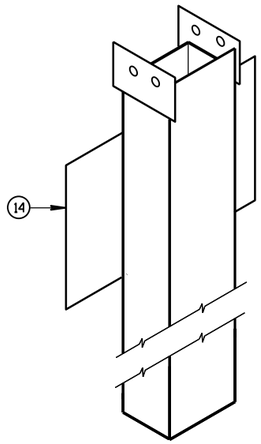
S.D.D. 14 B 44-3b

6

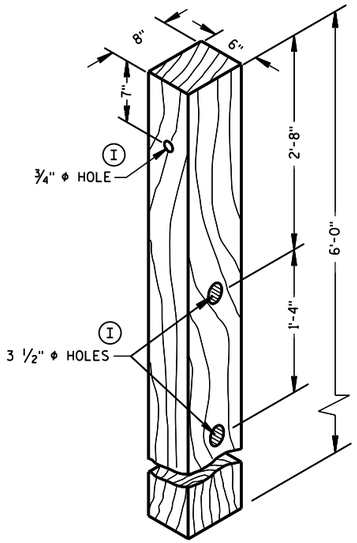
S.D.D. 14 B 44-3b



UPPER POST NO. 1 (1)

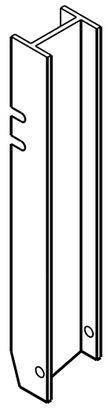


LOWER POST NO. 1 (2)

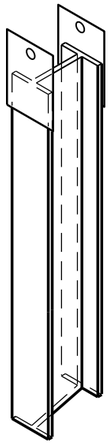


POSTS NUMBER 3-9

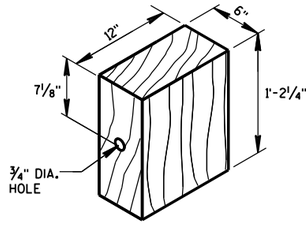
WOOD CRT POST (3)



UPPER POST NO. 2 (15)

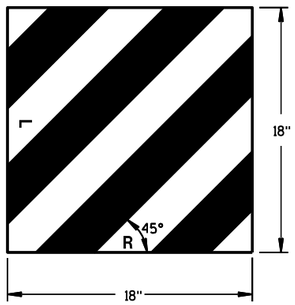


LOWER POST NO. 2 (16)



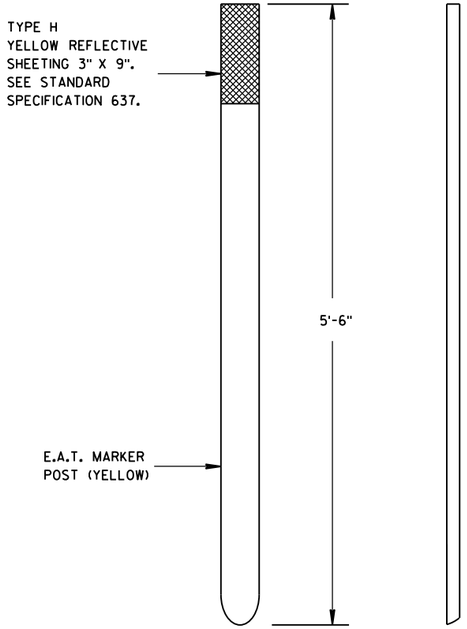
WOOD BLOCKOUT (4)

REQ'D. AT ALL POSTS EXCEPT POST NO'S 1 & 2



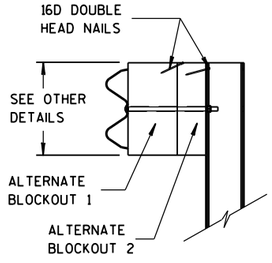
W5-59

REFLECTIVE SHEETING DETAIL (H)

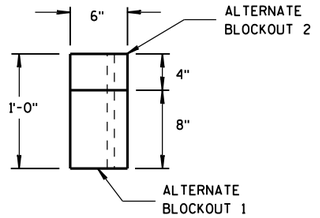


FRONT VIEW SIDE VIEW

E.A.T. MARKER POST (13)



SIDE VIEW



TOP VIEW

ALTERNATE WOOD
BLOCKOUT DETAIL

MIDWEST GUARDRAIL SYSTEM
ENERGY ABSORBING TERMINAL
(MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

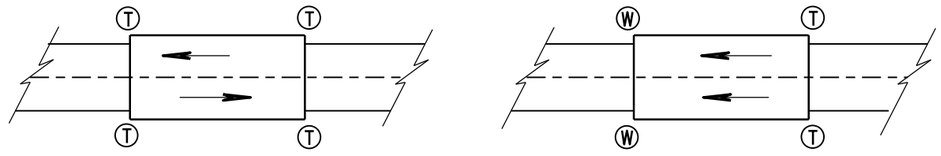
June 2017
DATE

/S/ Rodney Taylor
ROADWAY STANDARDS
UNIT SUPERVISOR

FHWA

6

S.D.D. 14 B 44-3c



TWO WAY TRAFFIC

ONE WAY TRAFFIC

Ⓣ THRIE BEAM CONNECTION

Ⓦ W-BEAM CONNECTION WHEN REQUIRED

TYPICAL LOCATIONS OF THRIE BEAM AND W-BEAM CONNECTIONS TO BRIDGE

GENERAL NOTES

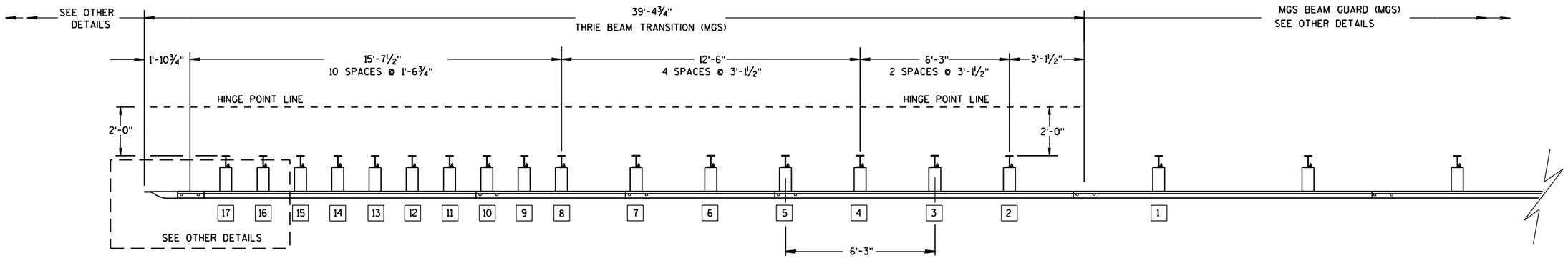
IF ROCK IS ENCOUNTERED, REMOVE ROCK TO FULL DEPTH OF POST PLUS 2½", AND 12" DIAMETER AROUND POST. SEE 14B42 FOR MORE DETAILS.

TRANSITION USES STEEL POSTS ONLY.

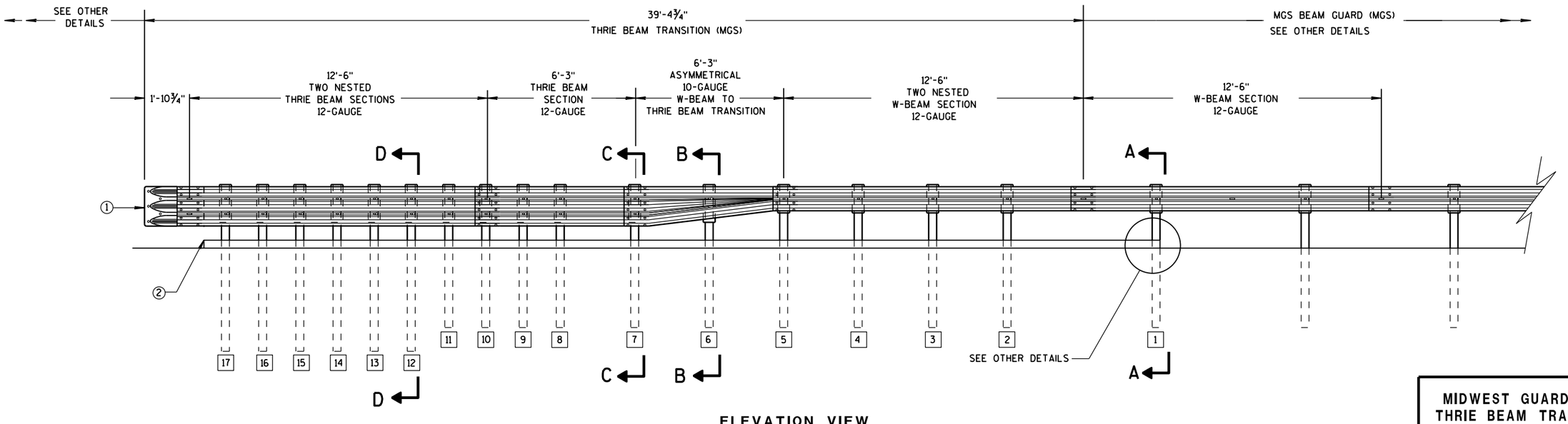
SEE STANDARD DETAIL DRAWING 14 B 42 FOR MORE INFORMATION.

① BRIDGE RAILING TYPE "W" DOES NOT REQUIRE A TERMINAL CONNECTOR.

② OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.



PLAN VIEW



ELEVATION VIEW

MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

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S.D.D. 14 B 45-4a

6

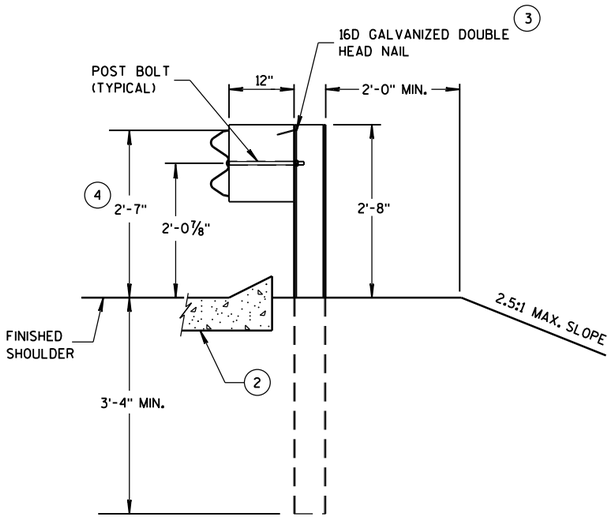
S.D.D. 14 B 45-4a

GENERAL NOTES

(2) OPTIONAL CURB AND GUTTER OR DRAINAGE_FEATURE SEE PLAN FOR INFORMATION.

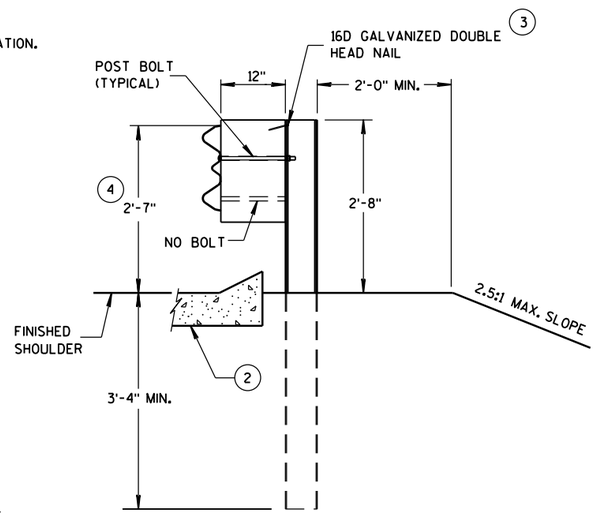
(3) WHEN USING STEEL POSTS AND WOOD BLOCKOUTS INSTALL FOUR 10D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

(4) TOLERANCE FOR TOP OF W-BEAM RAIL IS ± 1".



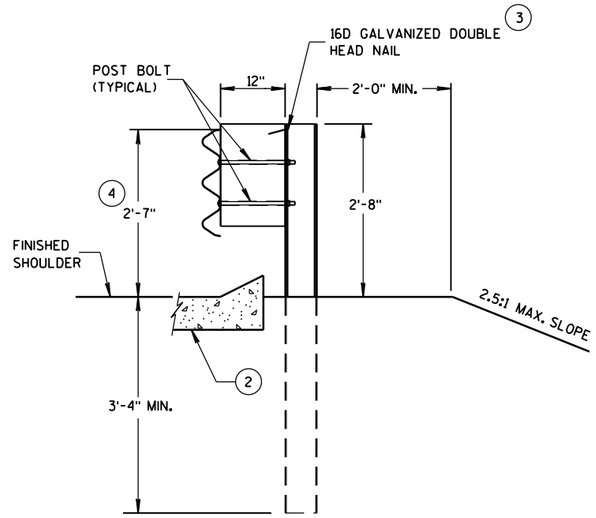
SECTION A-A

POSTS 1-5



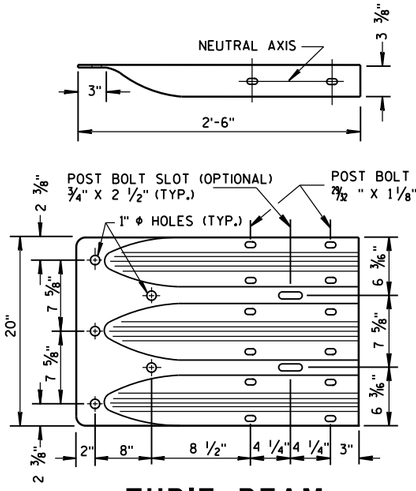
SECTION B-B

POST 6



SECTION C-C

POSTS 7-11



THRIE BEAM TERMINAL CONNECTOR

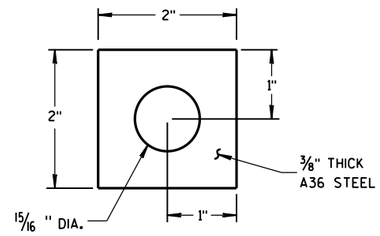
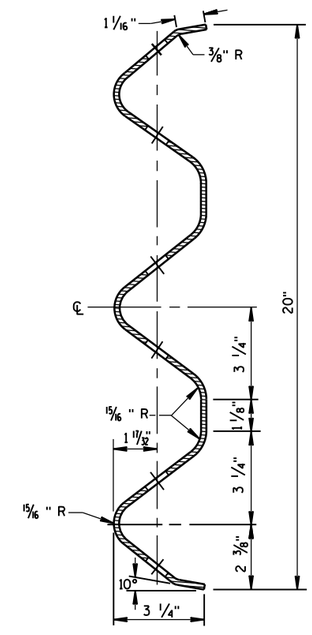
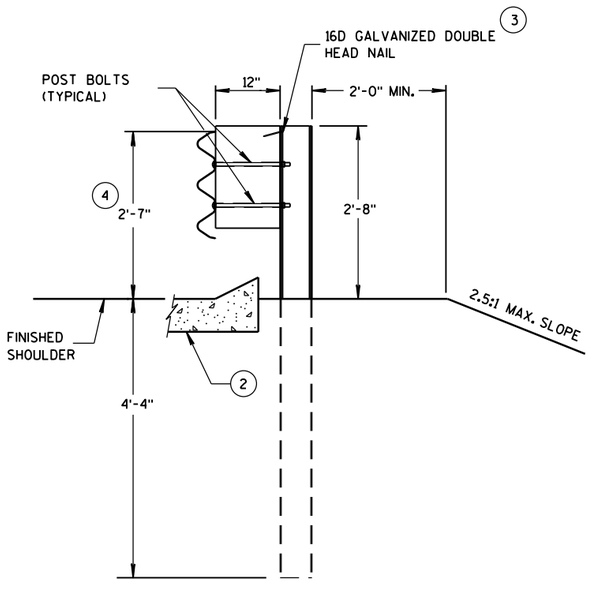


PLATE WASHER DETAIL

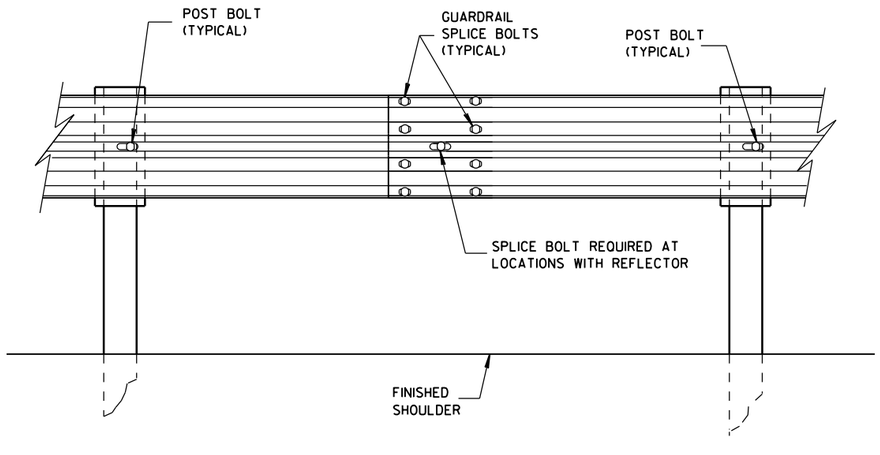


SECTION THRU THRIE BEAM RAIL ELEMENT



SECTION D-D

POSTS 12-17



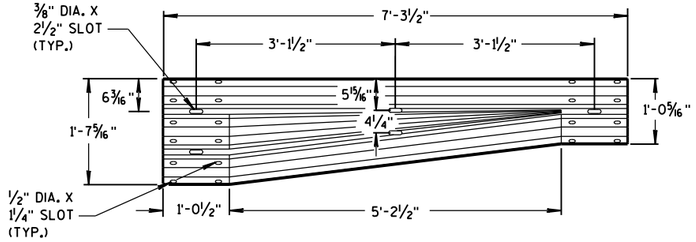
SPLICE DETAIL

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

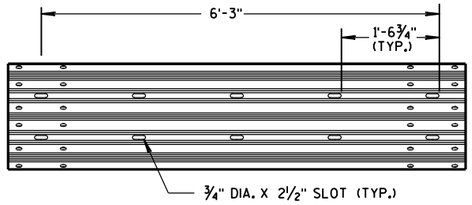
STATE OF WISCONSIN
DEPARTMENT OF TRANSPO

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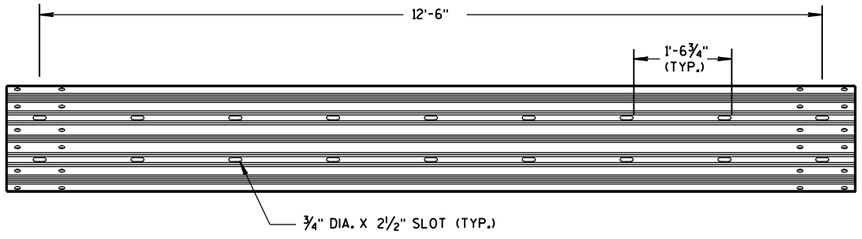
S.D.D. 14 B 45-4b



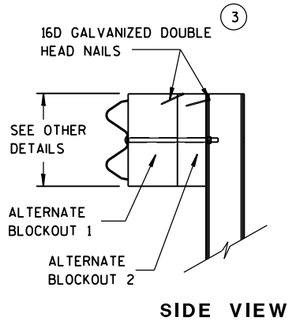
W-BEAM TO THRIE BEAM TRANSITION SECTION



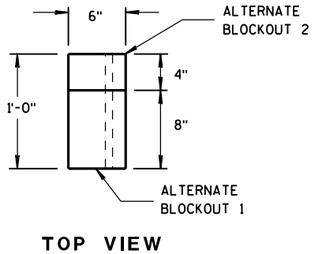
6'-3" THRIE BEAM SECTION



12'-6" THRIE BEAM SECTION

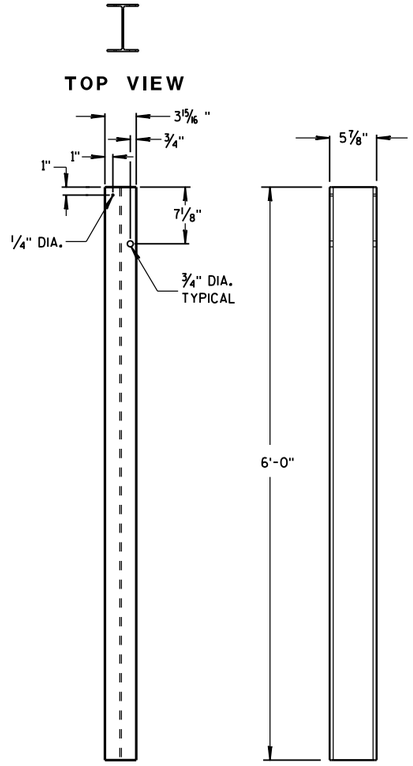


SIDE VIEW



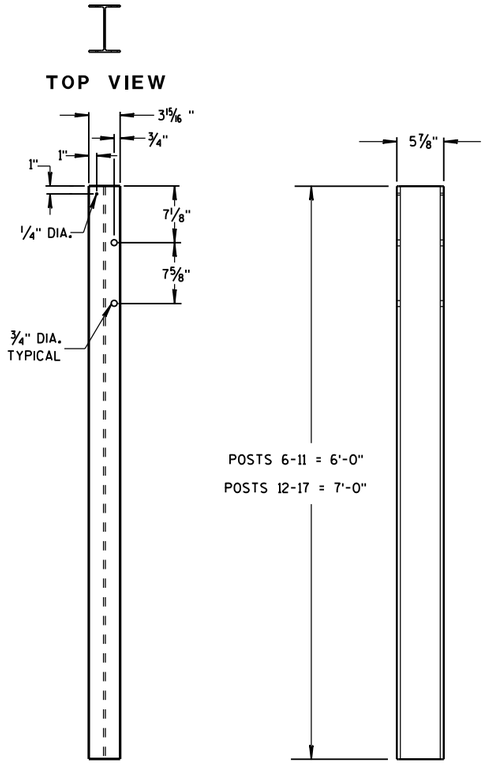
TOP VIEW

ALTERNATE WOOD BLOCKOUT DETAIL



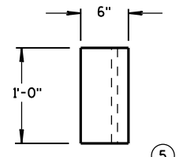
FRONT VIEW SIDE VIEW

STEEL POSTS 1-5

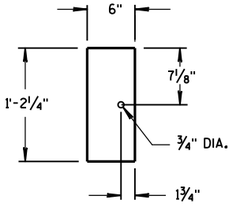


FRONT VIEW SIDE VIEW

STEEL POSTS 6-17

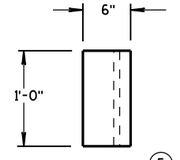


TOP VIEW

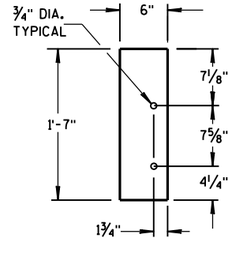


FRONT VIEW

BLOCKOUT POSTS 1-5



TOP VIEW



FRONT VIEW

BLOCKOUT POSTS 6-17

GENERAL NOTES

STEEL POSTS ARE W6X9 OR W6X8.5.

BOLT HOLES FOR POST ARE ON FRONT AND OF SIDE OF POST.

(3) WHEN USING STEEL POSTS AND WOOD BLOCKOUTS INSTALL FOUR 16D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

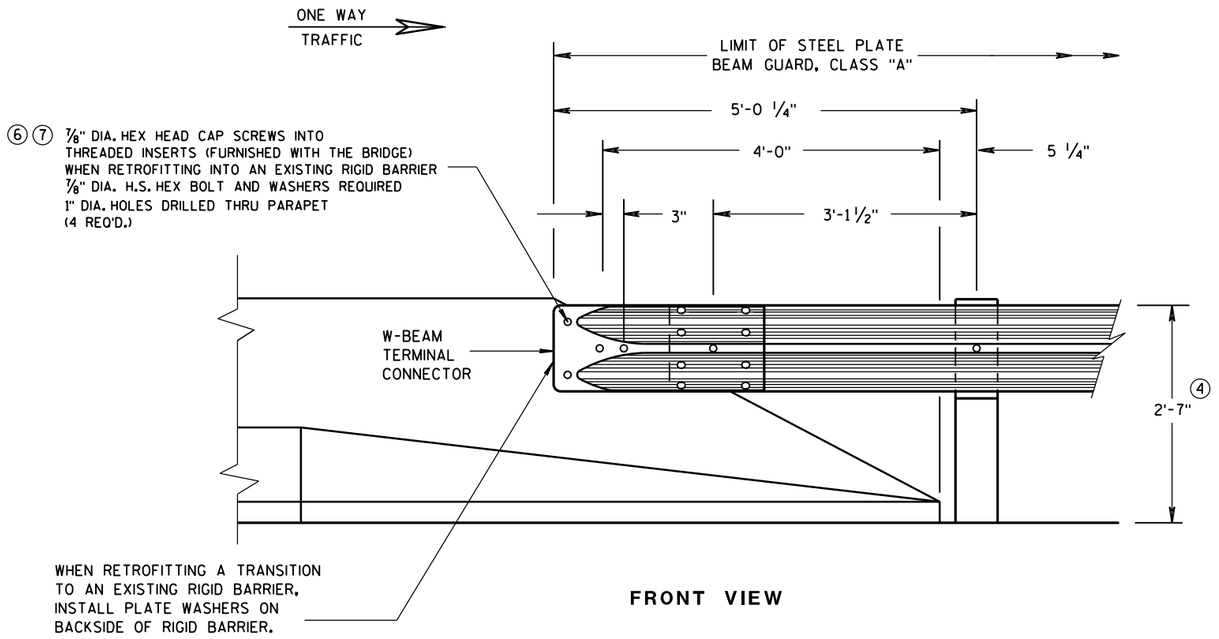
(5) WOOD BLOCKS MAY BE CONSTRUCTED OUT OF 2 WOOD BLOCKS. SEE ALTERNATE WOOD BLOCK DETAIL.

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6

S.D.D. 14 B 45-4c



FRONT VIEW

W BEAM CONNECTION TO PARAPETS WITH SLOPED ENDS

(USE ONLY AT TRAFFIC EXIT END OF ONE WAY BRIDGE)

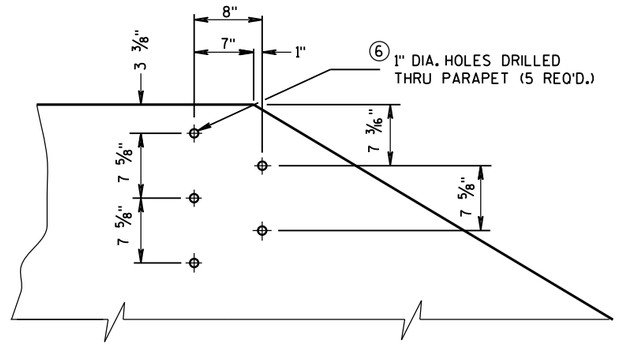
GENERAL NOTES

② OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

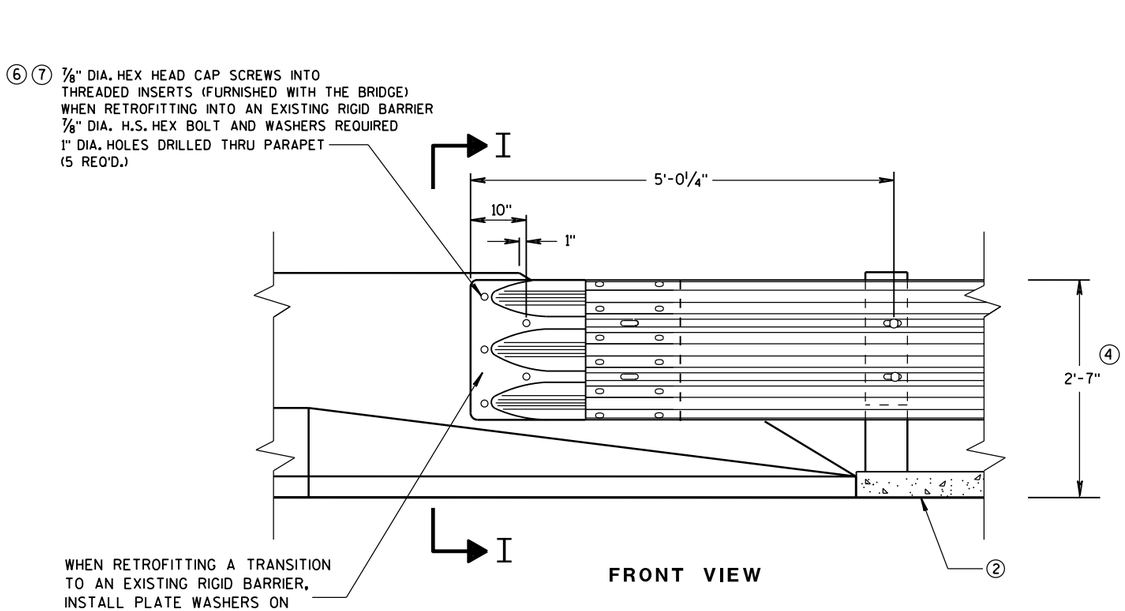
④ TOLERANCE FOR TOP OF BEAM IS ± 1".

⑥ DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

⑦ BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. BOLTS THAT EXTEND THROUGH THE PARAPET AND OUT THE BACK FACE REQUIRE A HARDENED ROUND STEEL WASHER THAT IS 2" O.D. X 5/8" THICK AND ONE PLATE WASHER. REPAIR ANY DAMAGED CONCRETE FROM BOLT INSTALLATION.

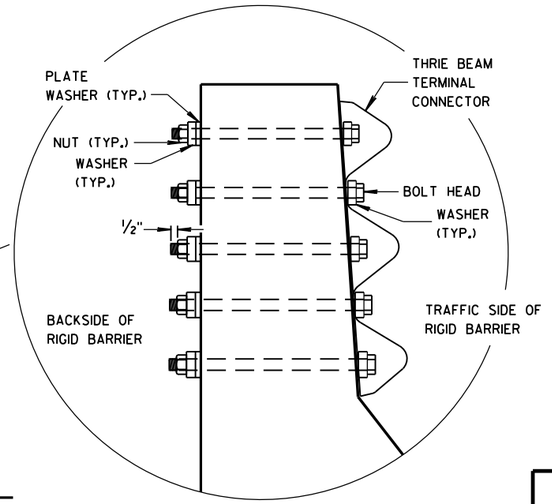


DRILL HOLE LOCATION AND PATTERN
FOR THRIE BEAM CONNECTION



FRONT VIEW

SECTION I-I



THRIE BEAM CONNECTION TO BRIDGE PARAPETS WITH SLOPED ENDS

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

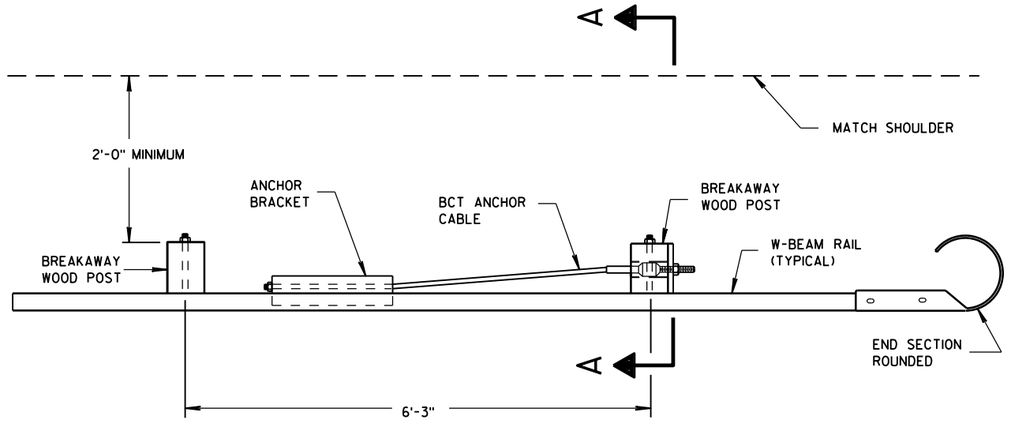
APPROVED
June, 2015 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

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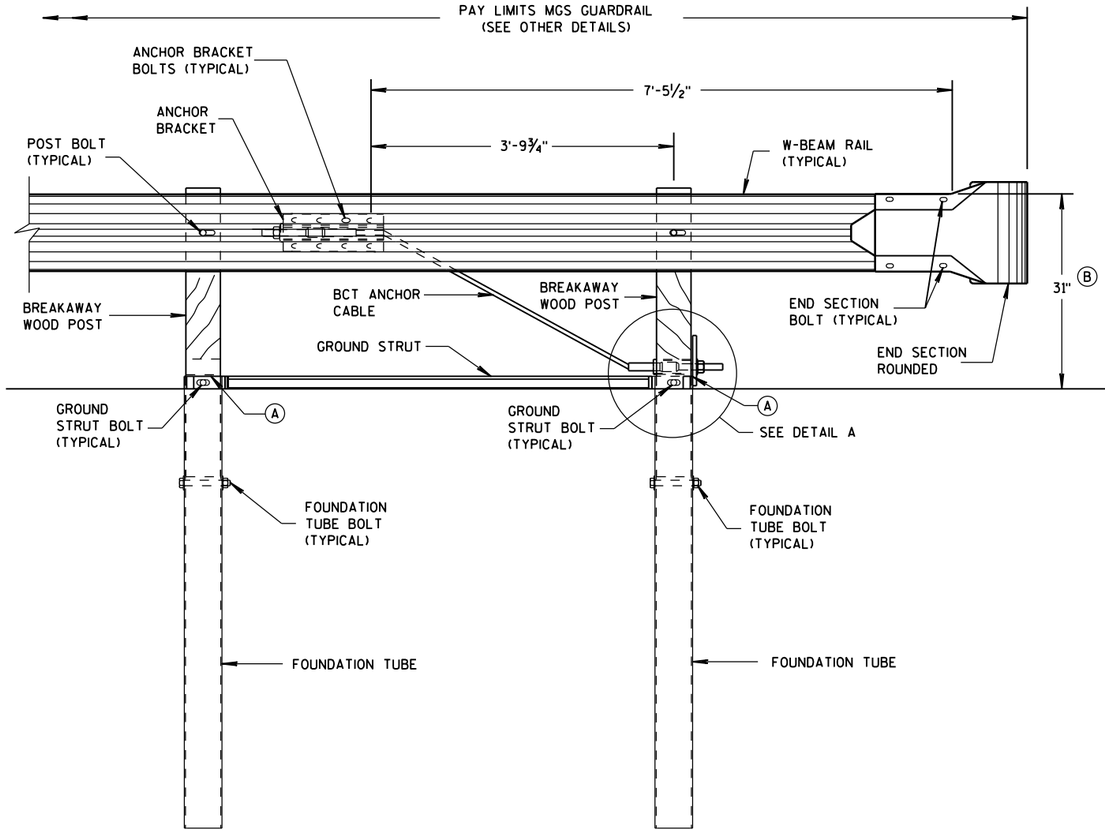
S.D.D. 14 B 45-4f

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S.D.D. 14 B 45-4f

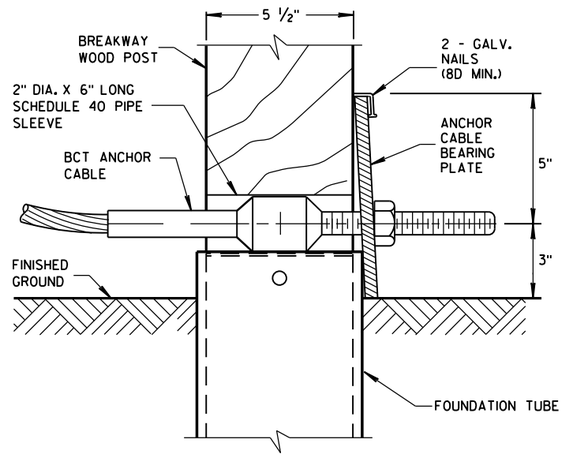


PLAN VIEW



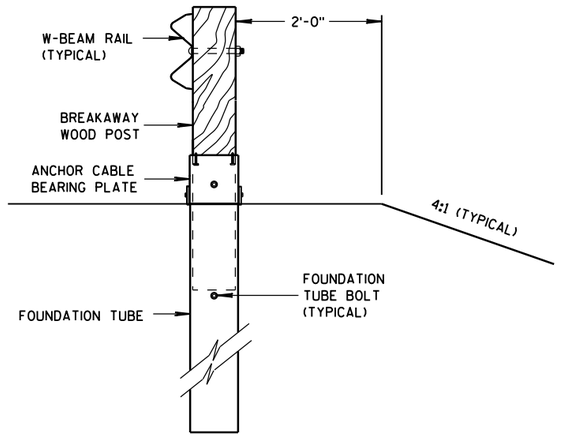
FRONT VIEW

END RAIL DETAIL



DETAIL A

POST NO. 1
GROUNG STRUT NOT SHOWN FOR CLARITY.



SECTION A-A

GENERAL NOTES

SEE SDD 14 B 42 FOR MORE INFORMATION.

END SECTION BOLTS AND NUTS HAVE THE SAME MATERIAL REQUIREMENTS AS SPLICE BOLTS.

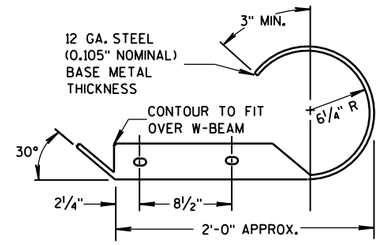
FOUNDATION TUBE BOLTS ARE ⅞" DIAMETER ASTM A307 HEX HEAD BOLT. FOUNDATION TUBE BOLTS REQUIRE ASTM A563 A NUT AND TWO ASTM F844 ⅞" DIAMETER FLAT WASHERS. INSTALL ONE WASHER UNDER BOLT HEAD AND ONE WASHER UNDER NUT.

ANCHOR BRACKET AND GROUND STRUT BOLTS ARE A ⅝" DIAMETER ASTM A307 HEX HEAD BOLT. ANCHOR BRACKET BOLTS REQUIRE ASTM A563 A NUT AND TWO ASTM F844 ⅝" DIAMETER FLAT WASHERS. INSTALL ONE WASHER UNDER BOLT HEAD AND ONE WASHER UNDER NUT.

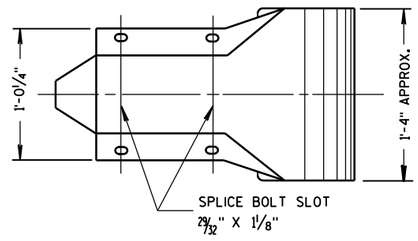
W-BEAM END SECTION ROUNDED HAS THE SAME MATERIAL PROPERTIES AS STANDARD STEEL RAIL.

(A) TOP OF FOUNDATION TUBE SHALL BE NO MORE THAN 3" ABOVE FINISHED GROUND.

(B) FOR NEW CONSTRUCTION TOP OF RAIL IS 31" ± 1".
FOR EXISTING INSTALLATIONS TOP OF RAIL IS BETWEEN 27¾" TO 32" ± 1".



PLAN VIEW



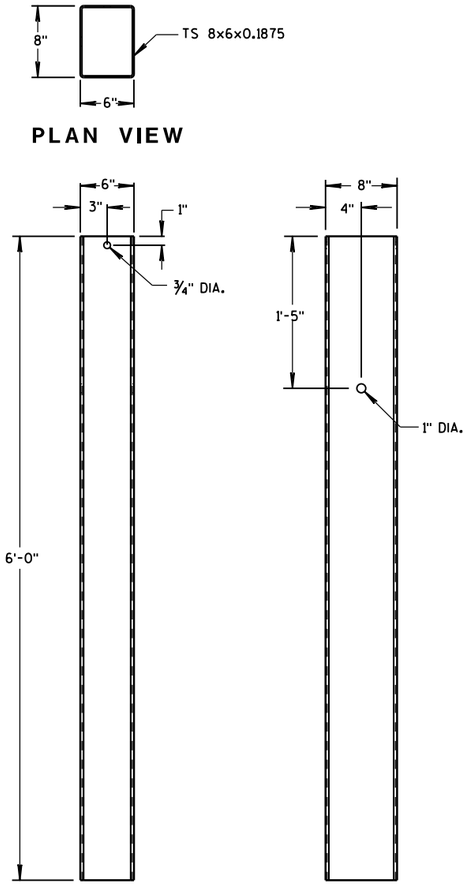
FRONT VIEW

W BEAM END SECTION ROUNDED

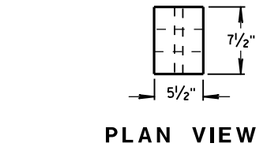
MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL

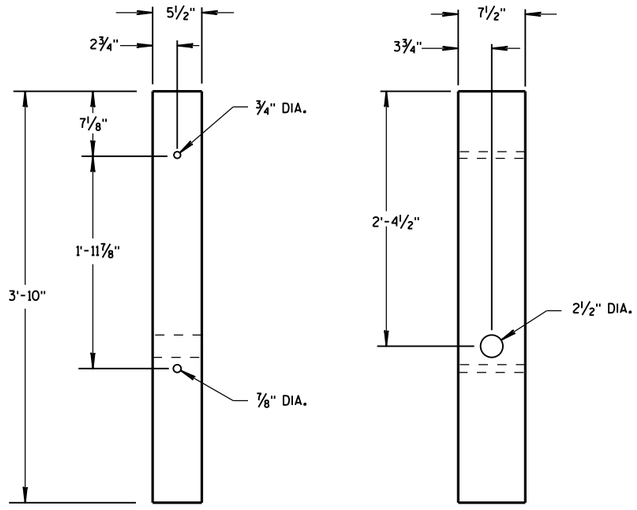
STATE OF WISCONSIN
DEPARTMENT OF TRANSPO

6
S.D.D. 14 B 47-2a



FOUNDATION TUBE



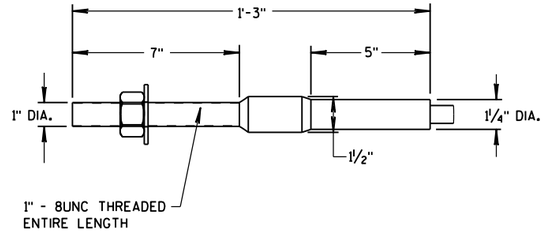


BREAKAWAY WOOD POST

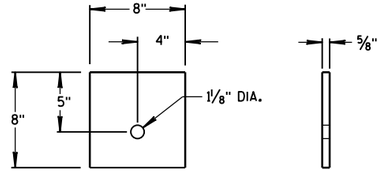
GENERAL NOTES

BCT ANCHOR CABLE IS A ¾" DIAMETER 6X19 IWRC IPS GALVANIZED WIRE ROPE. THE SWAGED FITTINGS AND STUD ARE REQUIRED. END FITTING SHALL BE MACHINED FROM HOT-ROLLED CARBON STEEL CONFORMING TO ASTM A576 GRADE 1035 AND GALVANIZED ACCORDING TO ASTM A123. TREADED STUD SHALL CONFORM TO ASTM A325 OR SAE GRADE 5. MINIMUM BREAKING STRENGTH OF WIRE ROPE IS 43,000 LB. WIRE ROPE IS TO BE TAUT.

BCT ANCHOR CABLE



DETAIL B



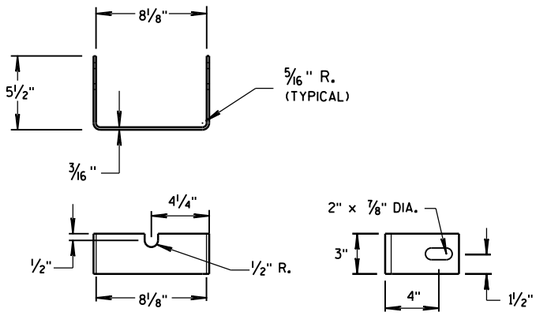
ANCHOR CABLE
BEARING PLATE

MIDWEST GUARDRAIL
SYSTEM (MGS) TYPE 2 TERMINAL

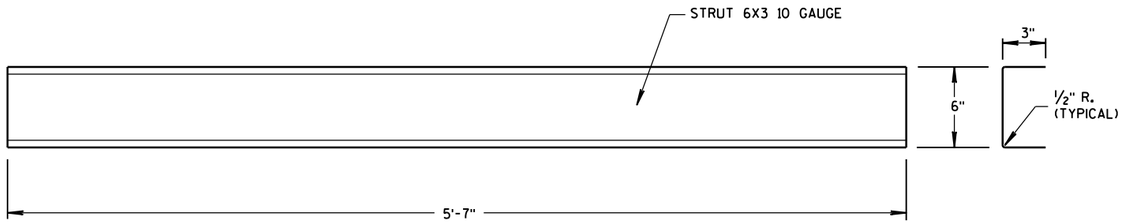
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

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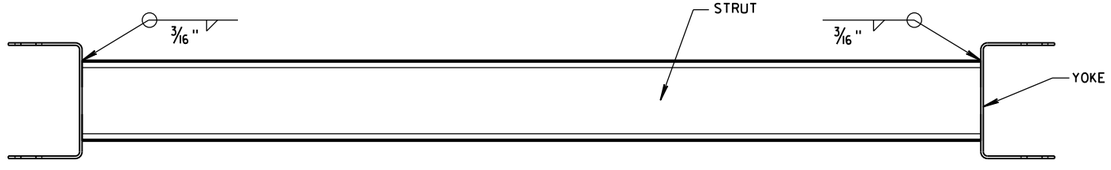
S.D.D. 14 B 47-2b



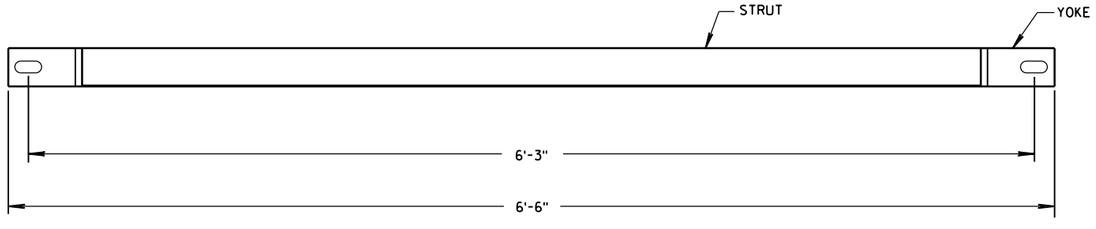
YOKE DETAIL



STRUT DETAIL

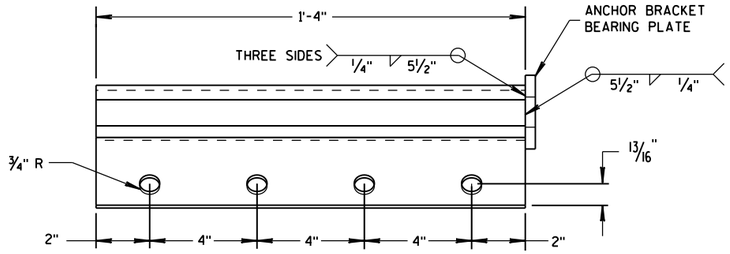


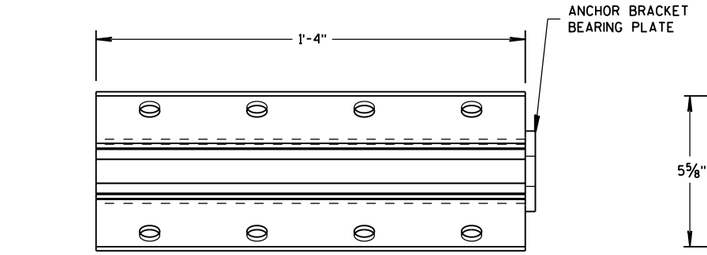
PLAN VIEW

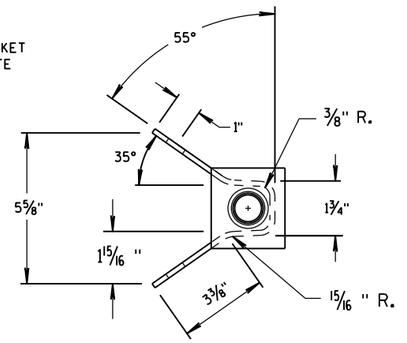


FRONT VIEW

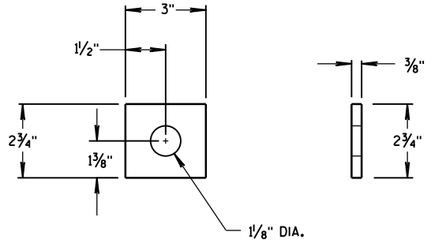
GROUND STRUT DETAIL







ANCHOR BRACKET



ANCHOR BRACKET BEARING PLATE

MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

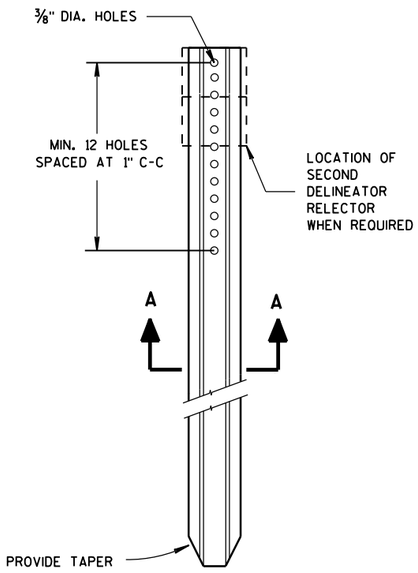
APPROVED
June 2014 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS ENGINEER
FHWA

6

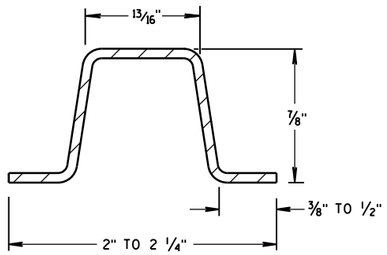
S.D.D. 14 B 47-2c

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S.D.D. 14 B 47-2c

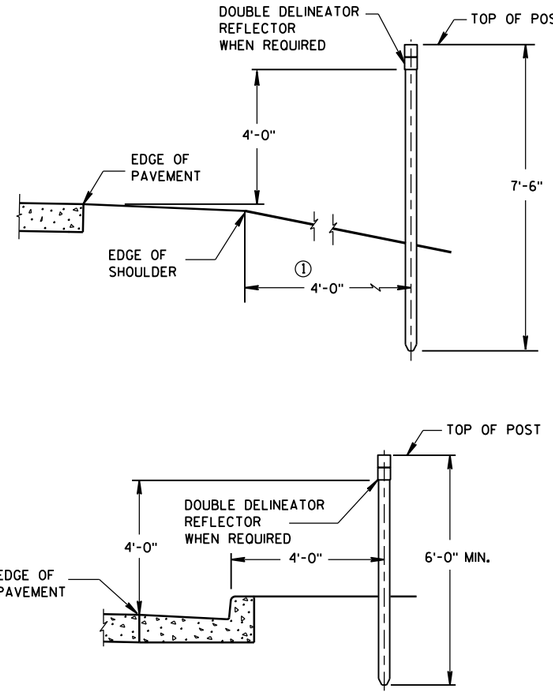


DELINEATOR POST



SECTION A-A

WEIGHT 1.12 LBS PER FT. ± 0.1 LB.

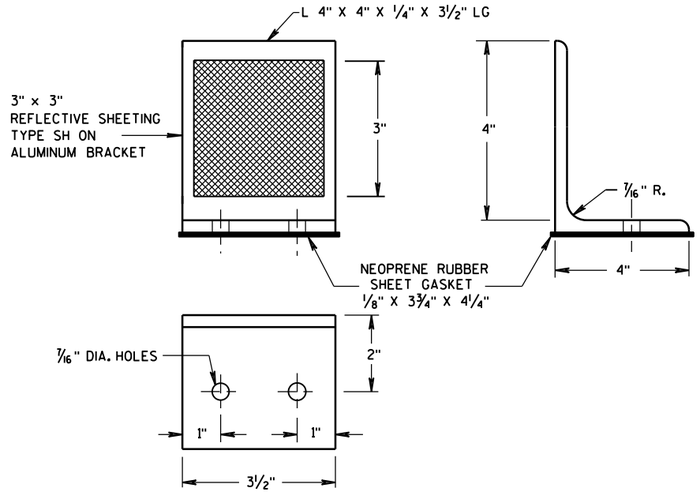


TYPICAL INSTALLATIONS OF DELINEATOR POSTS

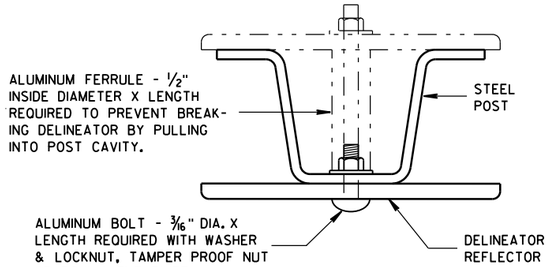
GENERAL NOTES

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

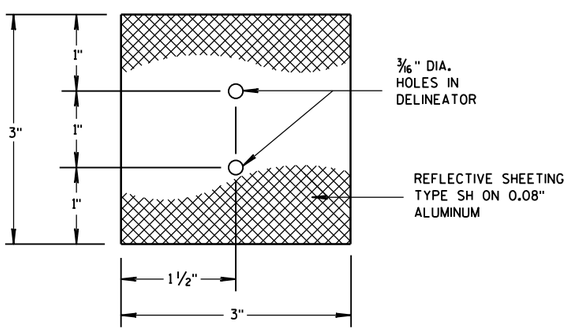
① DELINEATORS SHALL BE PLACED AT A CONSTANT DISTANCE FROM THE EDGE OF THE SHOULDER FOR THE LENGTH OF THE INSTALLATION.



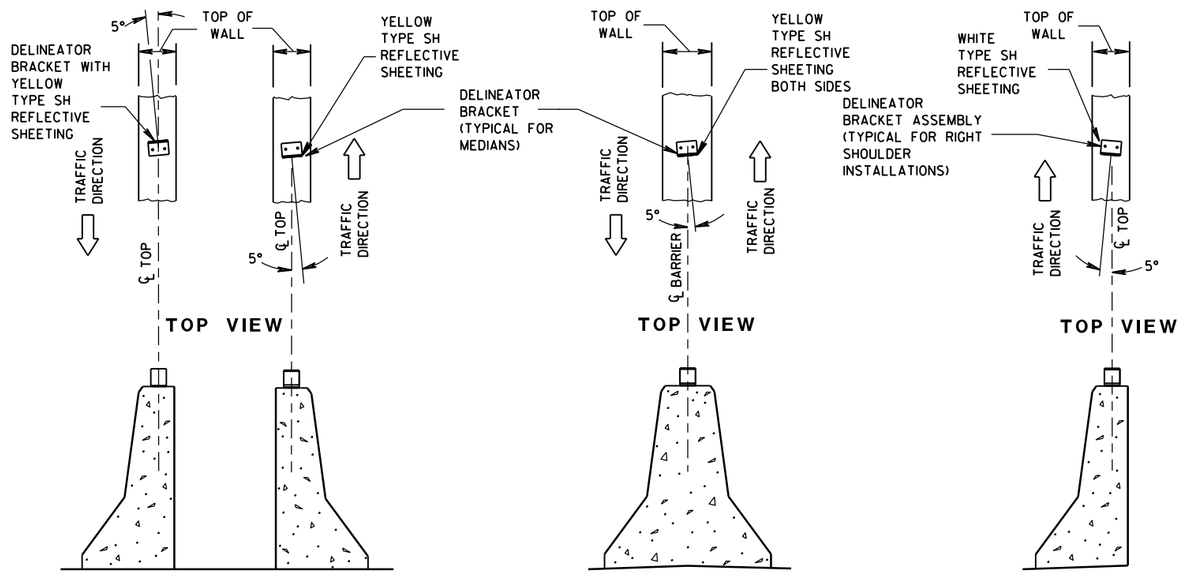
DELINEATOR BRACKET



MOUNTING DETAIL FOR DELINEATOR REFLECTOR

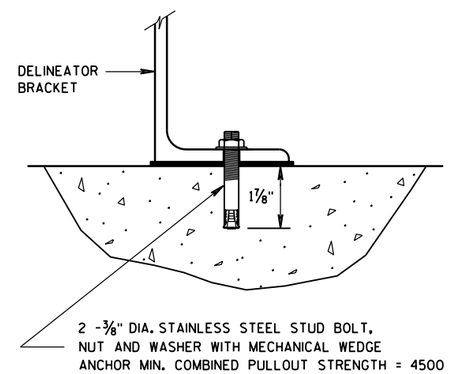


3"x 3" DELINEATOR REFLECTOR



DOUBLE BARRIERS IN MEDIAN | **MEDIAN BARRIER** | **BARRIER LOCATED TO RT. OF TRAFFIC FLOW**

LOCATION AND AIMING DETAILS FOR DELINEATOR BRACKETS MOUNTED ON CONCRETE BARRIERS



DELINEATOR BRACKET MOUNTING DETAIL

DELINEATOR POST, DELINEATOR REFLECTOR AND DELINEATOR BRACKET WITH REFLECTIVE SHEETING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

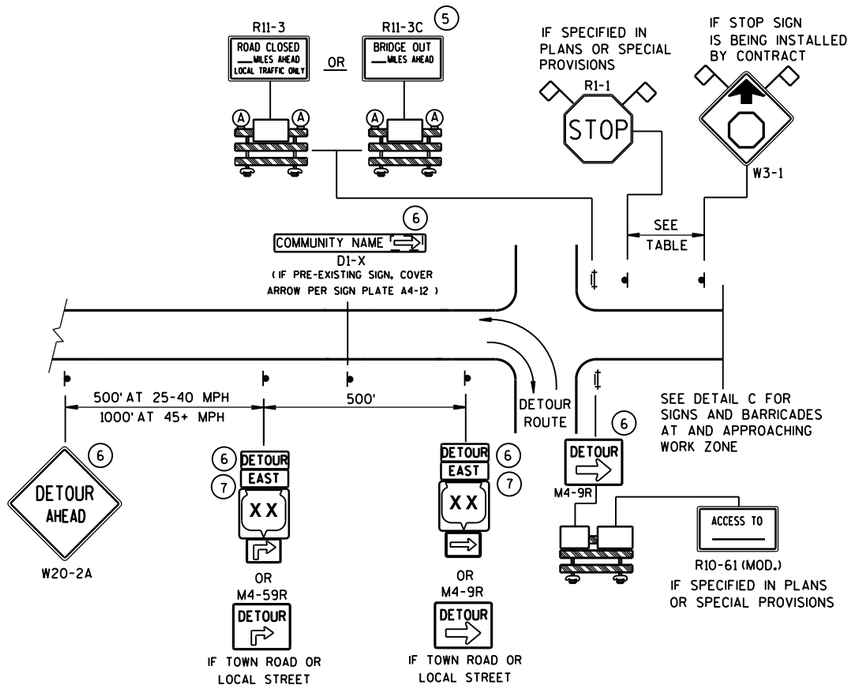
APPROVED
4-18-16 DATE
/S/ Matthew R. Rauch
STATE SIGNING AND MAR[illegible]INEER
FHWA

6

S.D.D. 15 A 2-9

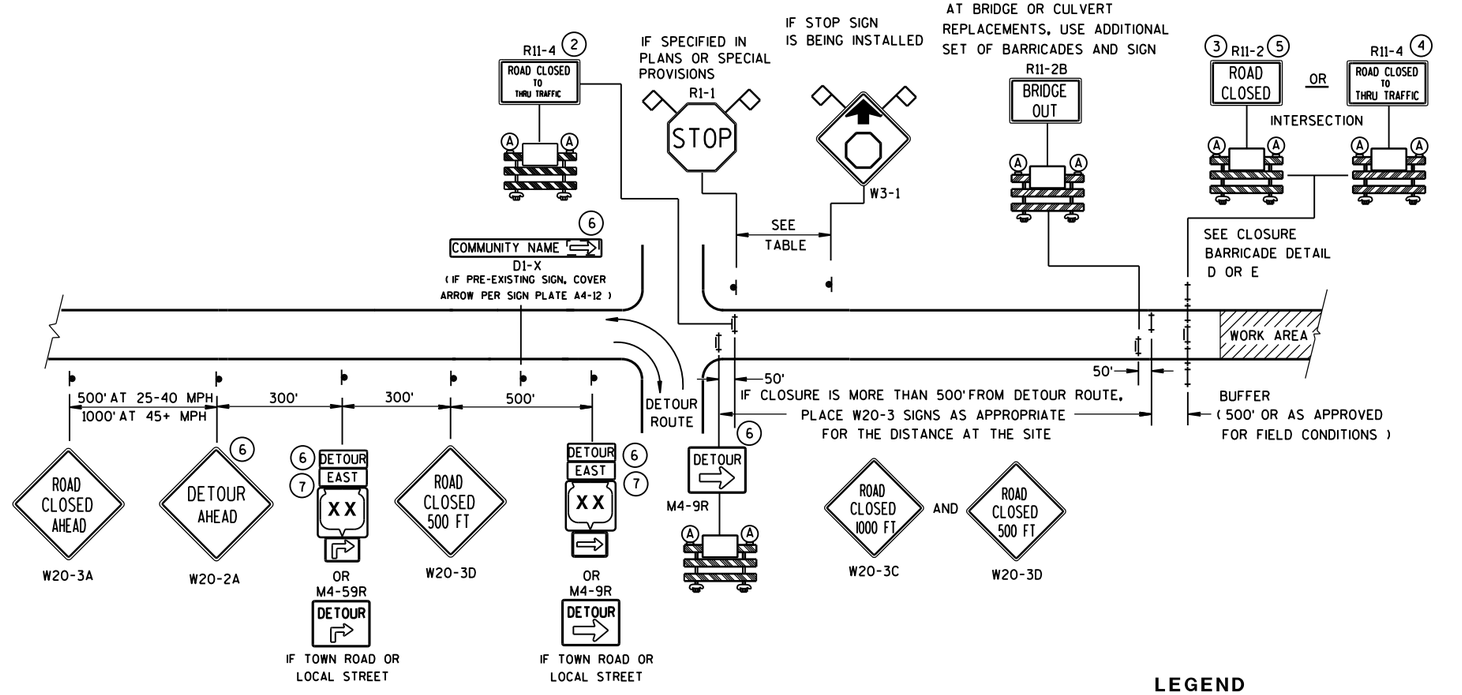
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S.D.D. 15 A 2-9



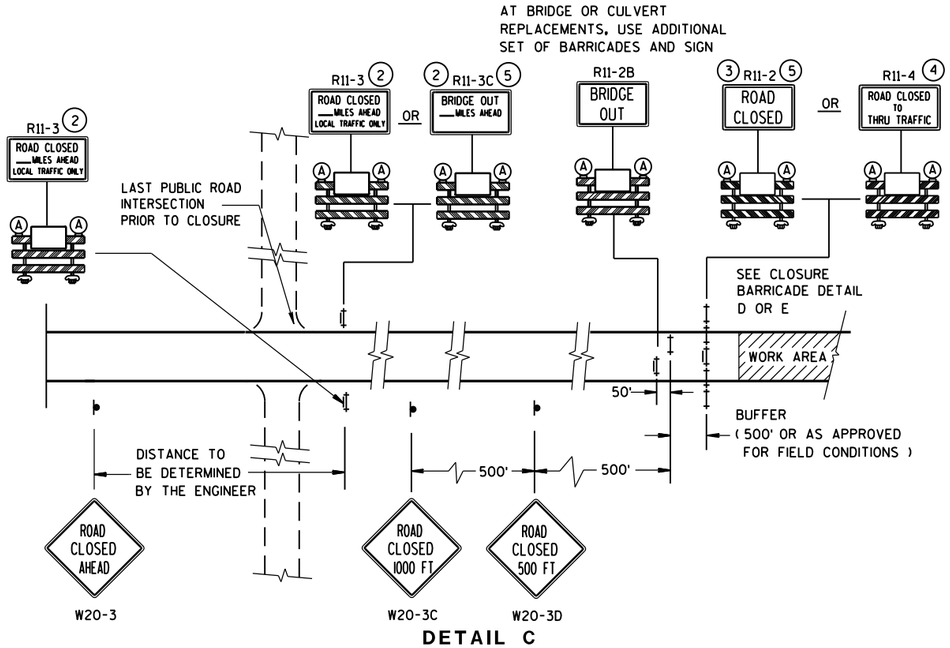
DETAIL A
MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE GREATER THAN ½ MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)



DETAIL B
MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE LESS THAN ½ MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)



DETAIL C
MAINLINE CLOSURE, NO POSTED DETOUR

SPEED LIMIT (MPH)	"STOP AHEAD" ADVANCE WARNING DISTANCE (FT)
25	200
30	200
35	350
40	350
45	500
50	550
55	750

LEGEND

- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- (A) TYPE "A" WARNING LIGHT (FLASHING)
- WORK AREA
- DETOUR / EAST — M4-8 / M3-X
- XX — M1-4; COUNTY XX — M1-5A; XX — M1-6
- M05-1 OR M06-1
- FLAGS, 16" X 16" MIN., (ORANGE)

SEE SDD 15C2-SHEET "**b**" FOR GENERAL NOTES AND FOOTNOTES (1) THROUGH (7)

BARRICADES AND SIGNS FOR MAINLINE CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

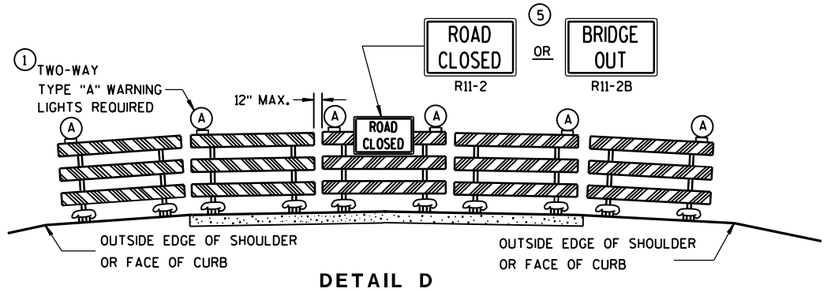
Sept. 2015 — DATE
/S/ Peter Amakobe Atepe
STATEWIDE WORK ZONE TRAFFIC SAFETY ENGINEER
FHWA

6

S.D.D. 15 C 2-6a

6

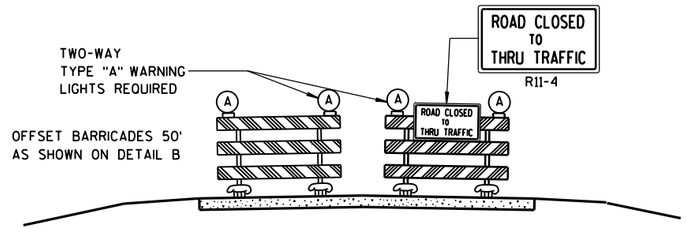
S.D.D. 15 C 2-6a



DETAIL D

ROAD CLOSURE BARRICADE DETAIL

APPROACH VIEW



DETAIL E

LANE CLOSURE BARRICADE DETAIL

APPROACH VIEW

SEE SDD 15C2-SHEET "**a**" FOR LEGEND

GENERAL NOTES

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

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

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

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

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

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL D FOR FULL ROAD CLOSURES.

TYPE "A" LOW-INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

THE R11-2, R11-3, M4-9, R11-4 AND R10-61 SIGNS PLACED ON BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE OR BOTTOM RAILS.

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

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:
- R11-2 SHALL BE 48" X 30".
- R11-3, R11-4 AND R10-61 SHALL BE 60" X 30".
- M4-9 SHALL BE 30" X 24".
- M3-X SHALL BE 24" X 12". (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS.)
- M4-8 SHALL BE 24" X 12". (30" X 15" IF NEEDED TO MATCH EXISTING SIGNS.)
- M1-4, M1-5A, AND M1-6 SHALL BE 24" X 24". (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS.)
- M05-1 AND M06-1 SHALL BE 21" X 21". (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS.)
- D1-X SHALL BE AS SHOWN ON SPECIFIC PROJECT SIGNING DETAIL SHEETS.
- R1-1 SHALL BE 36" X 36".

(1) TWO WARNING LIGHTS SHALL BE PROVIDED ON THE CENTER BARRICADE AND A MINIMUM OF ONE WARNING LIGHT SHALL BE PROVIDED ON EACH OF THE OTHER BARRICADES WITHIN THE ROADWAY LIMITS. SPACING OF THE WARNING LIGHTS SHALL BE UNIFORM TO THE EDGE OF ROADWAY AS SHOWN (APPROX. 8-FOOT LIGHT SPACING).

(2) THESE SIGNS AND BARRICADES ARE NOT REQUIRED IF ROAD CLOSURE BEGINS AT INTERSECTION.

(3) FOR ROAD CLOSURE WITHOUT LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL D.

(4) FOR ROAD CLOSURE WITH LOCAL ACCESS TO PROJECT, SEE LANE CLOSURE BARRICADE DETAIL E.

(5) FOR BRIDGE OR CULVERT REPLACEMENTS, SUBSTITUTE "BRIDGE OUT" INSTEAD OF "ROAD CLOSED" ON R11-2 AND R11-3 SIGNS.

(6) INSTALL DETOUR AND COMMUNITY GUIDE SIGNS AND ARROWS ONLY IF SPECIFIED IN THE CONTRACT. IF THERE ARE EXISTING ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE DETOUR ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. MODIFY EXISTING SIGNS WHERE POSSIBLE. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS. IF DETOUR SIGNS ARE BEING INSTALLED BY OTHERS, PLACE THE CONTRACTED TRAFFIC CONTROL SIGNS TO ALLOW FOR PLACEMENT OF ALL WARNING, DETOUR AND GUIDE SIGNS AS SHOWN.

(7) "EAST" CARDINAL DIRECTION MARKERS AND RIGHT TURN ARROWS ARE SHOWN. USE OTHER CARDINAL DIRECTIONS AND ARROWS AS APPROPRIATE.

BARRICADES AND SIGNS FOR MAINLINE CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

Sept. 2015 — DATE

/S/ Peter Amakobe Atepe
STATEWIDE WORK ZO 200 FIC
SAFETY ENGI

FHWA

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S.D.D. 15 C 2-6b

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S.D.D. 15 C 2-6b

THIS DRAWING PROVIDES GENERAL GUIDANCE ON TYPICAL DETOUR SIGN LAYOUT AND SPACING. SEE PROJECT DETOUR SIGNING SHEETS FOR SPECIFIC DETAILS FOR EACH PROJECT.

GENERAL NOTES

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

IF THERE ARE EXISTING ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE DETOUR ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS. MODIFY EXISTING SIGNS WHERE POSSIBLE.

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

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

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

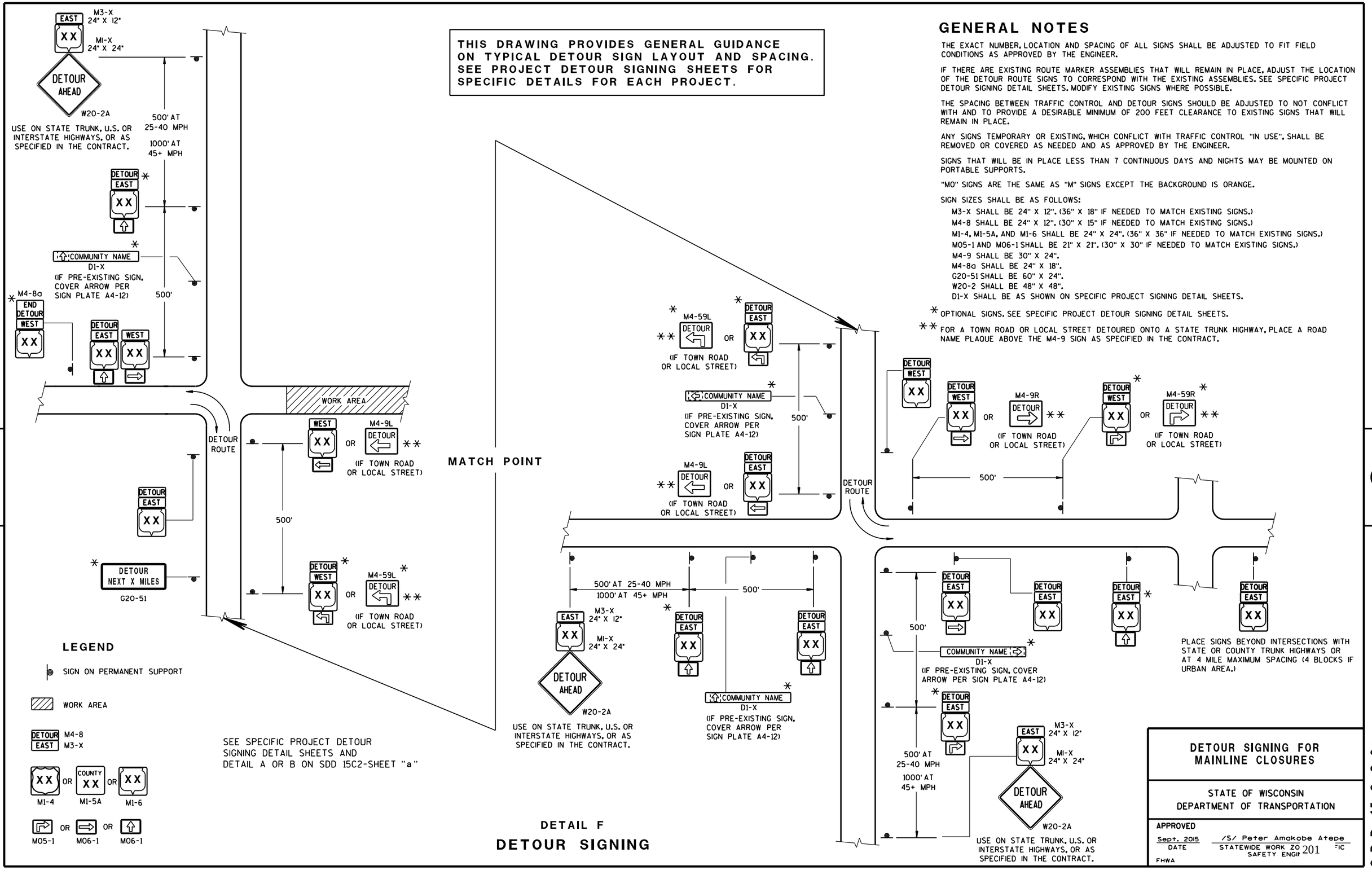
"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

SIGN SIZES SHALL BE AS FOLLOWS:

- M3-X SHALL BE 24" X 12". (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS.)
- M4-8 SHALL BE 24" X 12". (30" X 15" IF NEEDED TO MATCH EXISTING SIGNS.)
- M1-4, M1-5A, AND M1-6 SHALL BE 24" X 24". (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS.)
- MO5-1 AND MO6-1 SHALL BE 21" X 21". (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS.)
- M4-9 SHALL BE 30" X 24".
- M4-8a SHALL BE 24" X 18".
- G20-51 SHALL BE 60" X 24".
- W20-2 SHALL BE 48" X 48".
- D1-X SHALL BE AS SHOWN ON SPECIFIC PROJECT SIGNING DETAIL SHEETS.

* OPTIONAL SIGNS. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS.

** FOR A TOWN ROAD OR LOCAL STREET DETOURED ONTO A STATE TRUNK HIGHWAY, PLACE A ROAD NAME PLAQUE ABOVE THE M4-9 SIGN AS SPECIFIED IN THE CONTRACT.



DETAIL F

DETOUR SIGNING

DETOUR SIGNING FOR MAINLINE CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

Sept. 2015 — DATE

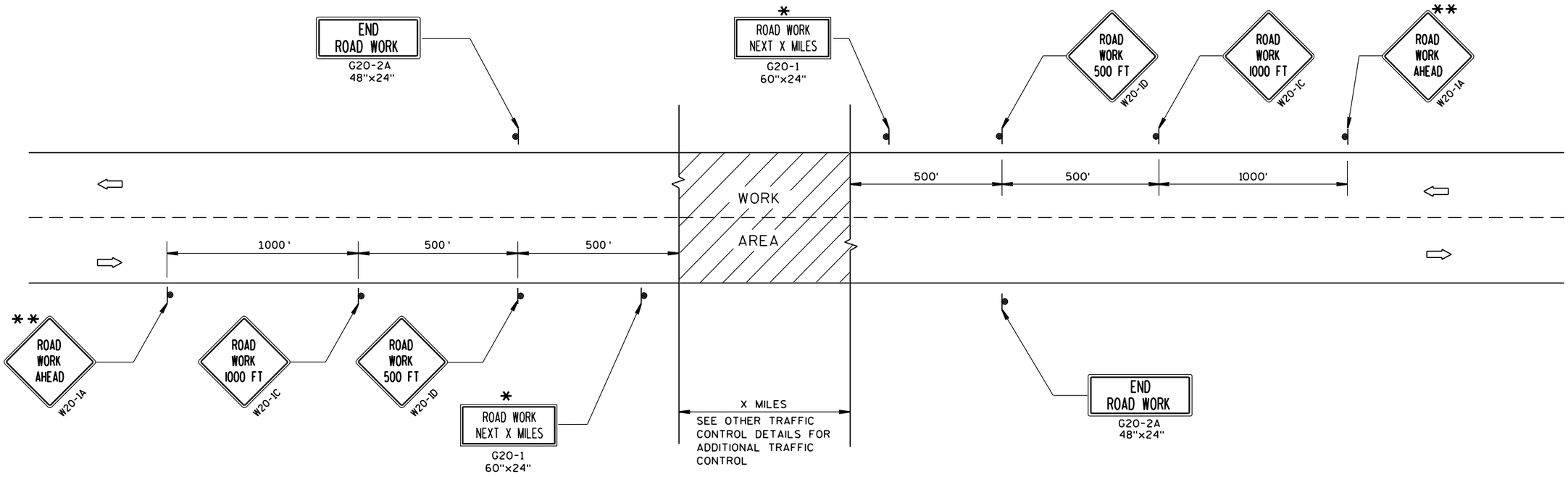
/S/ Peter Amakobe Atepe — STATEWIDE WORK ZO... SAFETY ENGI...

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S.D.D. 15 C 2-6c

TYPICAL SIDEROAD APPROACH WARNING SIGN DETAIL



GENERAL NOTES

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

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

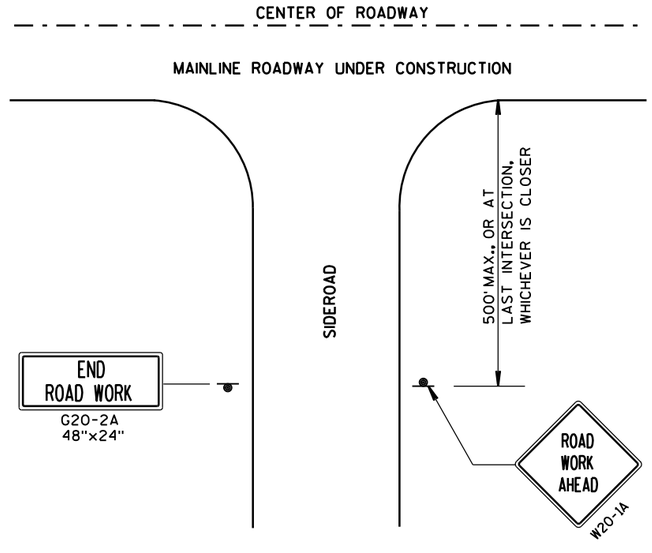
ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.

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

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

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

** PLACE ADDITIONAL W20-1A "ROAD WORK AHEAD" SIGN IF WORK AREA WITHIN THE PROJECT IS SEPARATED BY MORE THAN 2 MILES FROM PREVIOUS WORK AREA.



LEGEND

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

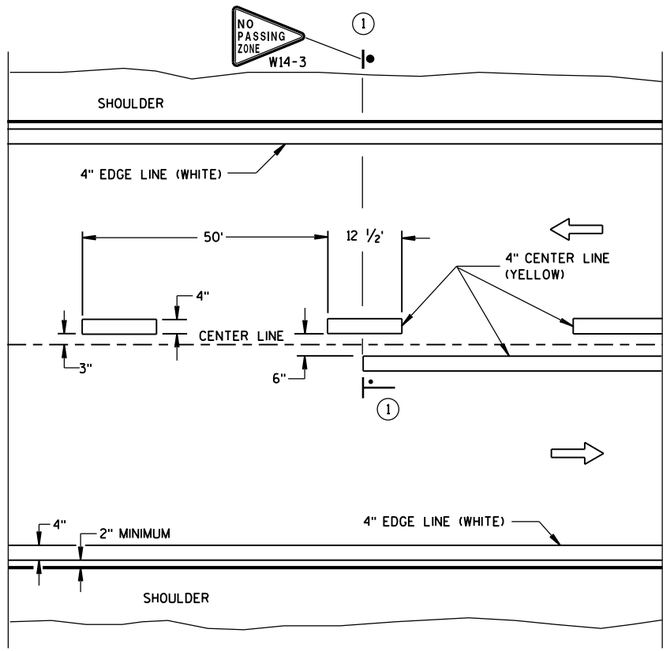
TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

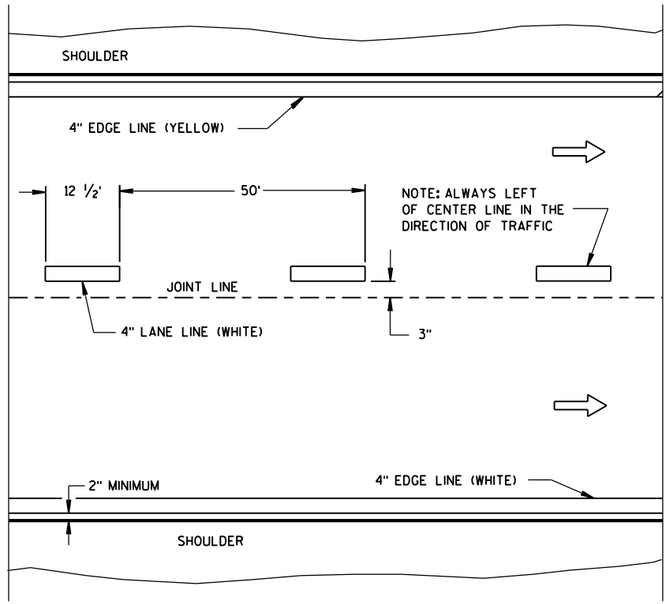
APPROVED
Sept. 2017 — DATE
/S/ Andrew Heldtke — WORK ZONE ENG
FHWA

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S.D.D. 15 C 4-4



TWO WAY TRAFFIC



ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

(1) LOCATE THE NO PASSING ZONE W14-3 SIGN WITHIN 50 FEET OF THE "T" MARKING.

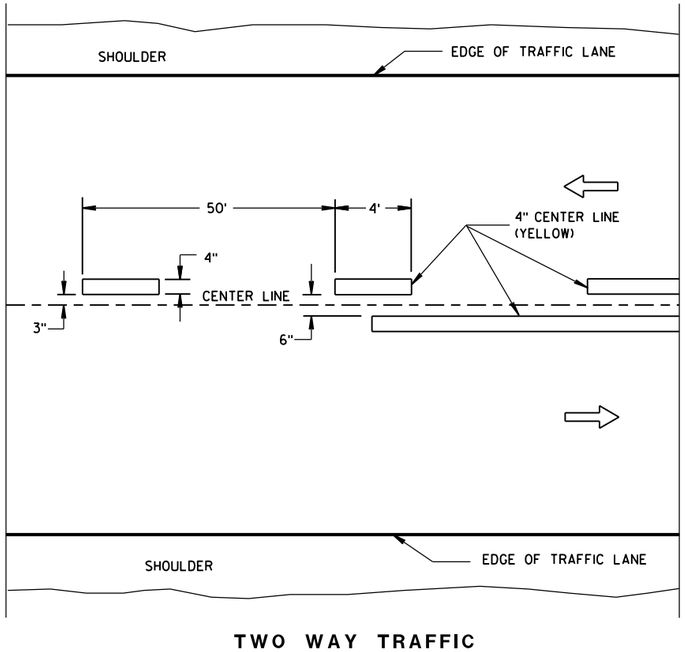
NOTE

ARROW SYMBOL (⇨) SHOWS DIRECTION OF TRAVEL

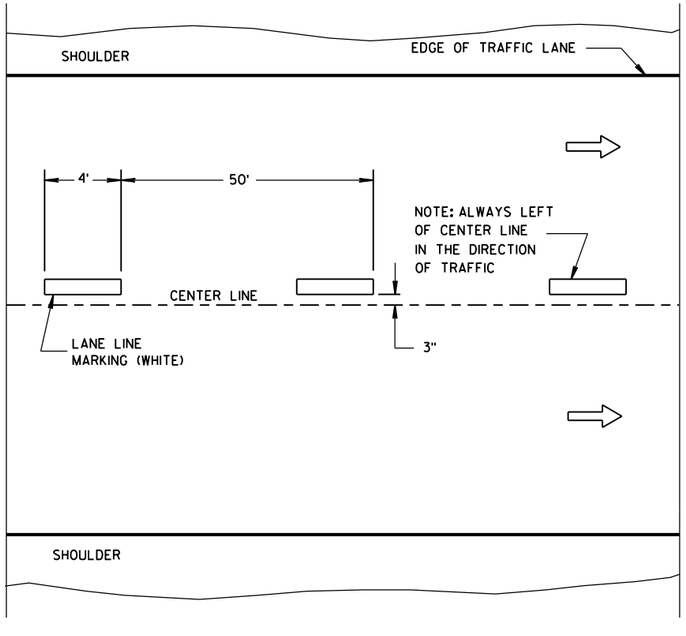
LEGEND

"T" MARKING

POST MOUNTED SIGN



TWO WAY TRAFFIC



ONE WAY TRAFFIC

TEMPORARY PAVEMENT MARKING

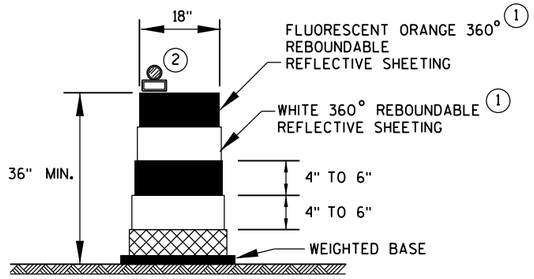
LONGITUDINAL MARKING (MAINLINE)	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED	
June 2017 DATE	/S/ Matthew R. Rauch STATE SIGNING AND MAR[illegible]INEER
FHWA	

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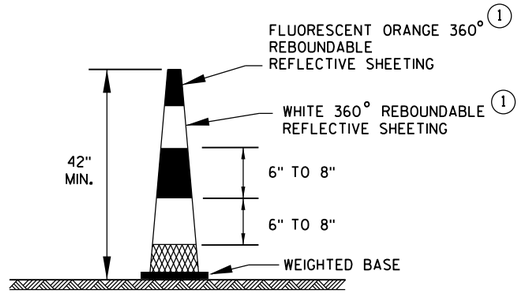
S.D.D. 15 C 8-18a

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S.D.D. 15 C 8-18a



DRUM

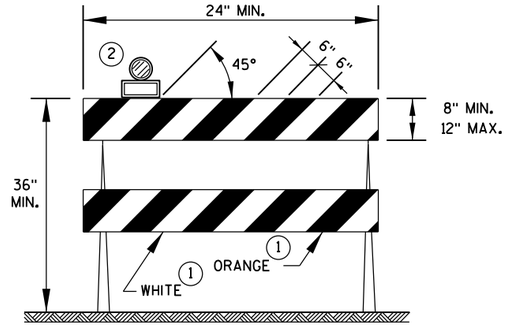


42" CONE

DO NOT USE IN TAPERS
1/2 SPACING OF DRUMS

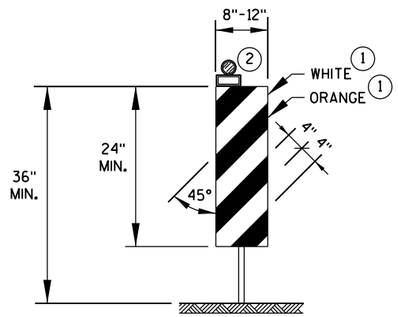
GENERAL NOTES

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



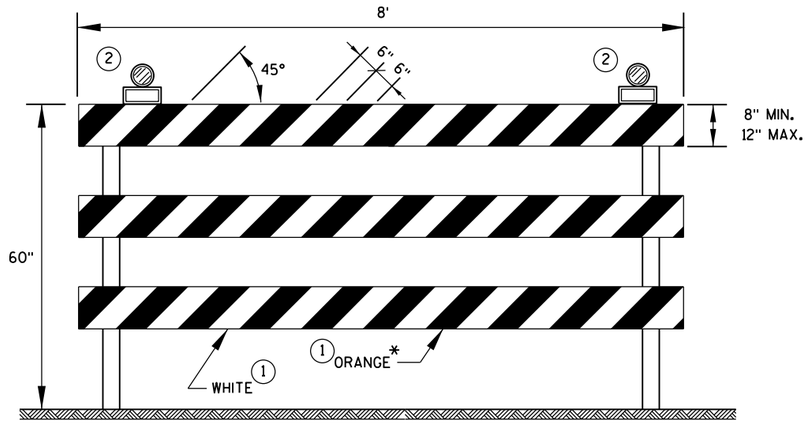
TYPE 2 BARRICADE

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



VERTICAL PANEL

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



TYPE 3 BARRICADE

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

* IF USED FOR A PERMANENT APPLICATION, USE RED SHEETING.

CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

June 2017 — DATE

/S/ Andrew Heidtke — WORK ZONE ENG

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S.D.D. 15 C 11-7b

LEGEND

SIGN ON PORTABLE OR PERMANENT SUPPORT

DIRECTION OF TRAFFIC

WORK AREA

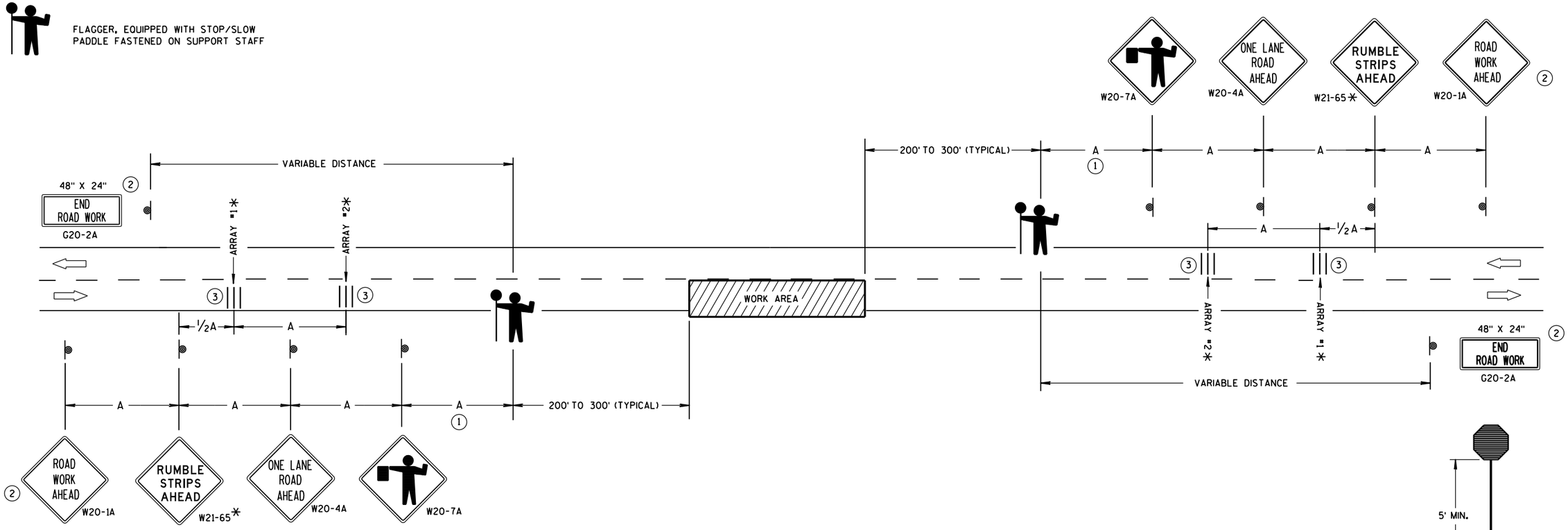
FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF

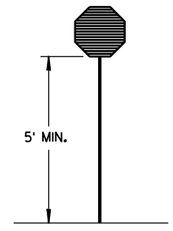
SIGN AND TEMPORARY RUMBLE STRIP ARRAY SPACING TABLE

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



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





STOP/SLOW PADDLE ON SUPPORT STAFF

TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION

GENERAL NOTES

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

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

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

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

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

INSTALL TEMPORARY RUMBLE STRIPS PER MANUFACTURER'S RECOMMENDATIONS.

PLACE ADVANCE SIGNING PRIOR TO INSTALLING TEMPORARY RUMBLE STRIPS.

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

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

* UTILIZE TEMPORARY RUMBLE STRIPS WHEN FLAGGING OPERATION IS ANTICIPATED TO BE STATIONARY IN EXCESS OF TWO HOURS.

(1) FOR A MOVING WORK OPERATION, SIGNING AND TEMPORARY RUMBLE STRIPS (IF USED) SHALL BE REESTABLISHED (AS SIMULTANEOUSLY AS PRACTICAL) AT APPROXIMATELY 3,500 FOOT INTERVALS IN THE MOVING WORK OPERATION OR AS APPROVED BY THE ENGINEER.

(2) SIGN NOT REQUIRED IF FLAGGING OPERATION OCCURS WITHIN A SIGNED ROAD WORK ZONE AREA.

(3) EACH TEMPORARY RUMBLE STRIP ARRAY CONSISTS OF THREE RUMBLE STRIPS SPACED ACCORDING TO MANUFACTURER'S RECOMMENDATION, PLACED TRANSVERSE ACROSS THE LANE AT LOCATIONS SHOWN.

TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

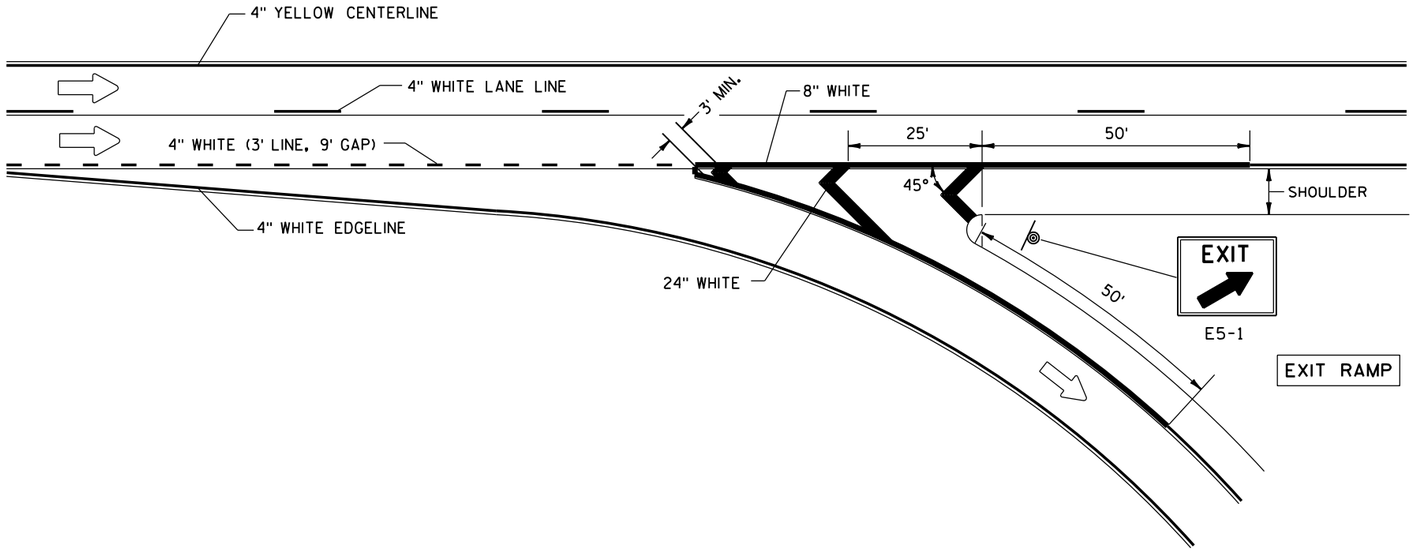
APPROVED
June 2017 — DATE
/S/ Andrew Heldtke — WORK ZONE ENG
FHWA

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S.D.D. 15 C 12-6

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S.D.D. 15 C 12-6



PAVEMENT MARKING FOR EXIT RAMP

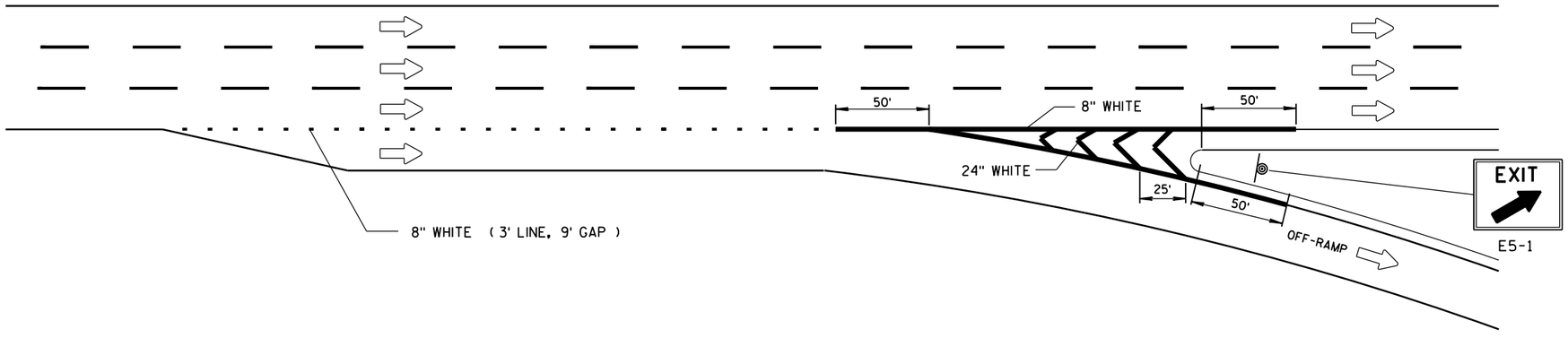
GENERAL NOTES

PLACE GROOVE 3 INCHES LEFT OF JOINT.

LEGEND

DIRECTION OF TRAVEL

SIGN ON PERMANENT SUPPORT



SERVICE INTERCHANGE PAVEMENT MARKING FOR PARALLEL EXIT-RAMP

6

S.D.D. 15 C 31-3a

PAVEMENT MARKING (RAMPS AND GORES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

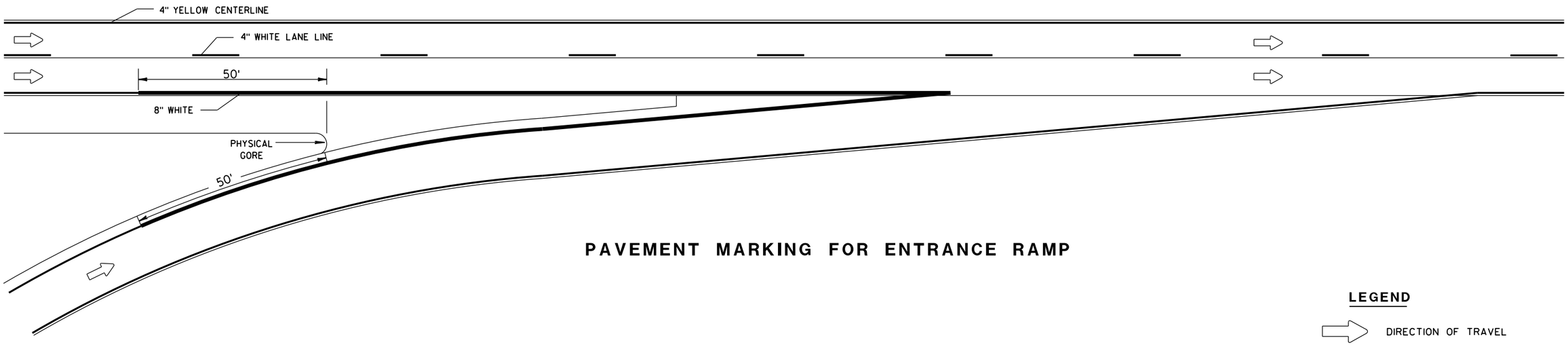
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S.D.D. 15 C 31-3a

GENERAL NOTES

PLACE GROOVE 3 INCHES LEFT OF JOINT.

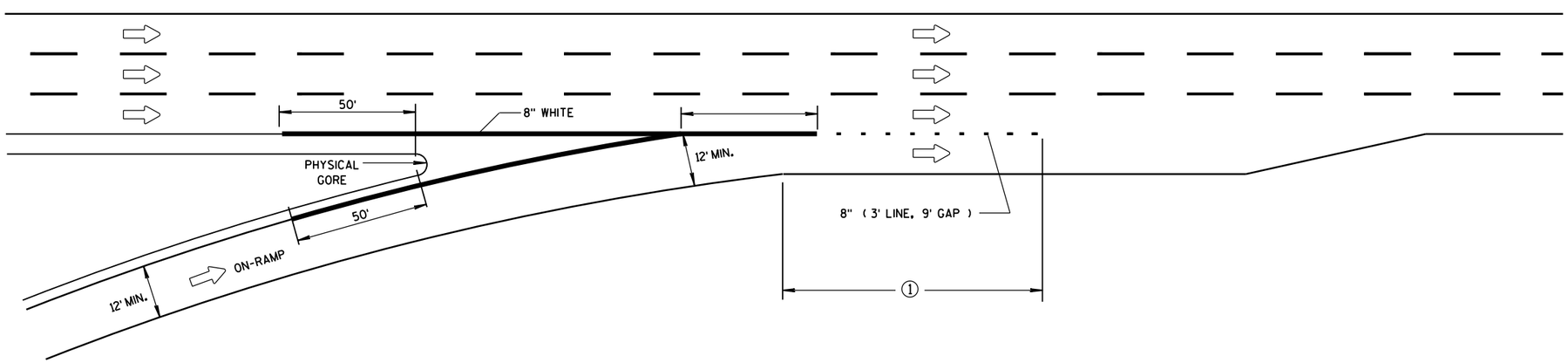
① ½ LENGTH OF FULL WIDTH ACCELERATION LANE.



PAVEMENT MARKING FOR ENTRANCE RAMP

LEGEND

DIRECTION OF TRAVEL



SERVICE INTERCHANGE PAVEMENT MARKING FOR PARALLEL ENTRANCE-RAMP

PAVEMENT MARKING FOR PARALLEL ON-RAMP AND PARALLEL OFF-RAMP

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

Sept., 2017
DATE

/S/ Matthew R. Rauch
STATE SIGNING AND MARKING ENGINEER

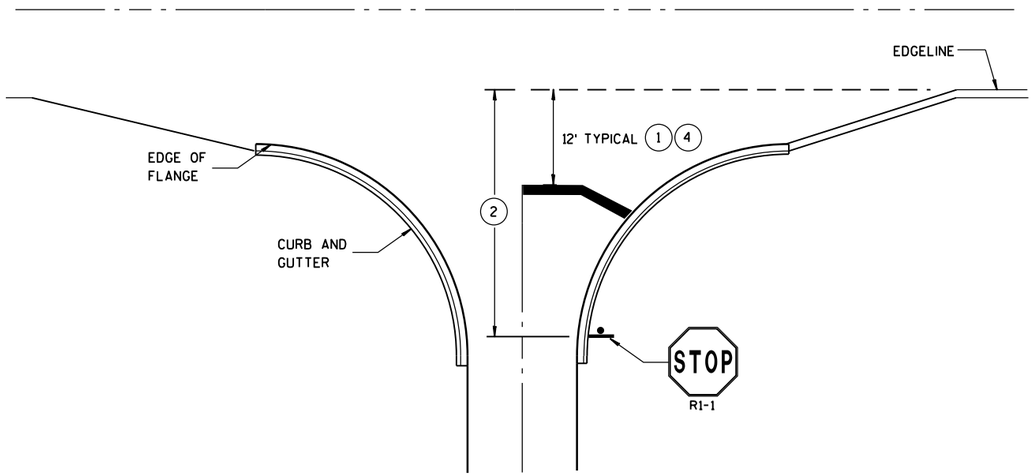
FHWA

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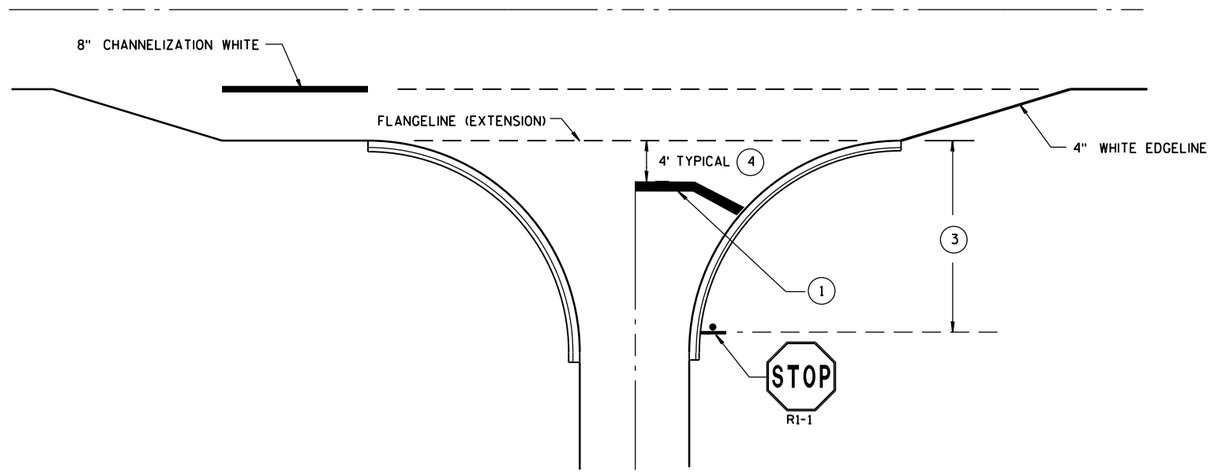
S.D.D. 15 C 31-3c

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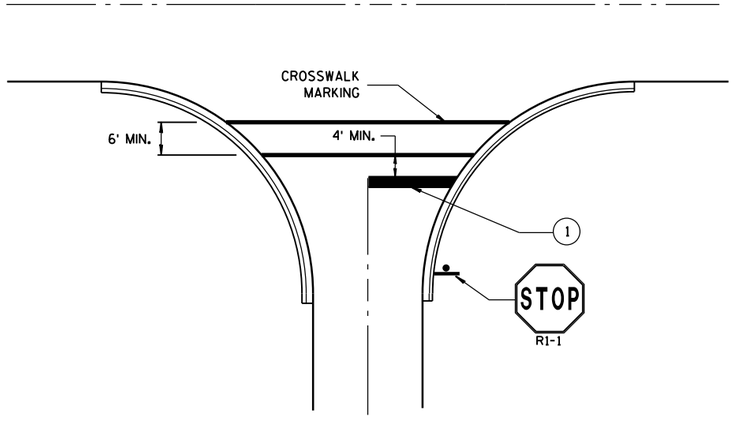
S.D.D. 15 C 31-3c



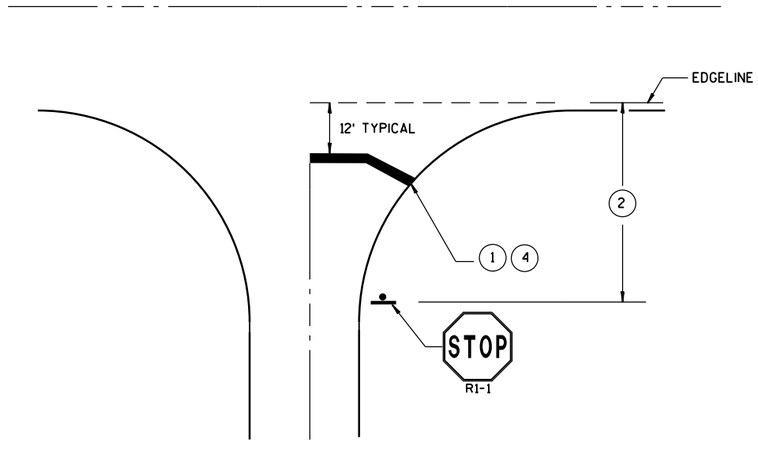
TYPICAL STOP LINE PAVEMENT MARKING WITH CURB AND GUTTER



TYPICAL STOP LINE PAVEMENT MARKING FOR SIDEROADS WITH RIGHT TURN LANE



TYPICAL STOP LINE PAVEMENT MARKING FOR SIDEROADS WITH CROSSWALK MARKING



TYPICAL STOP LINE PAVEMENT MARKING WITHOUT CURB AND GUTTER

GENERAL NOTES

STOP SIGN SHALL BE PLACED A MINIMUM OF 6 FEET TO A MAXIMUM OF 50 FEET FROM THE EDGELINE LOCATION.

(1) 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE PROJECT ENGINEER BASED ON VISIBILITY AND SIGHT LINES.

(2) IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGELINE THAN NO STOP LINE IS REQUIRED.

(3) IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGELINE EXTENSION THAN NO STOP LINE IS REQUIRED.

(4) MOVE CLOSER TO EDGE OF TRAVEL LANE AS NEEDED FOR VISIBILITY AND SIGHT LINES. (NO CLOSER THAN 4 FEET).

STOP LINE AND CROSSWALK PAVEMENT MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

Sept., 2017 — DATE

/S/ Matthew R. Rauch — STATE SIGNING AND MAR[illegible]

FHWA

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S.D.D. 15 C 33-3

LEGEND

- TYPE III BARRICADE WITH ATTACHED SIGN
- SIGN ON PERMENENT SUPPORT
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TRAFFIC CONTROL DRUM
- FLASHING ARROW BOARD
- (A) TYPE "A" WARNING LIGHT (FLASHING)
- REMOVING PAVEMENT MARKING
- DIRECTION OF TRAFFIC
- WORK AREA

GENERAL NOTES

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

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

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

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.

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

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

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

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

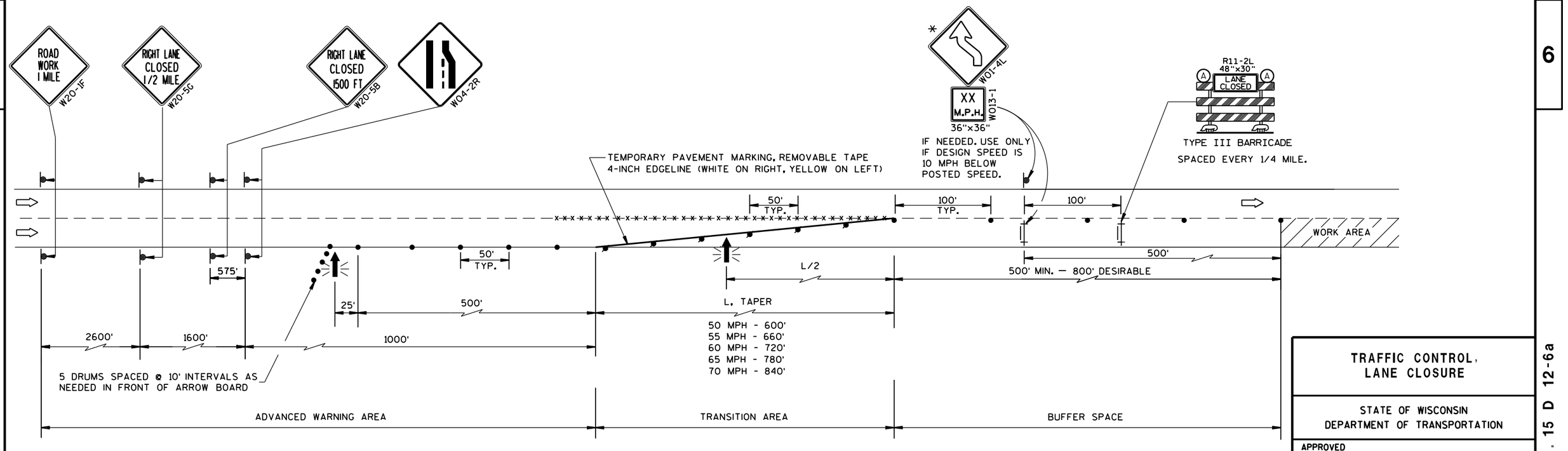
REMOVE PAVEMENT MARKINGS IF LANE CLOSURE IS TO BE IN PLACE FOR LONGER THAN 4 OR MORE DAYS AND NIGHTS.

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

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

ADJUSTMENTS IN BUFFER SPACE NEED TO BE INCORPORATED WHEN THE LANE CLOSURE OCCURS NEAR AN INTERCHANGE EXIT OR ENTRANCE RAMP. THE LANE CLOSURE MUST MUST TAKE PLACE FAR ENOUGH IN ADVANCE OF AN EXIT OR ENTRANCE RAMP TO STILL ALLOW FOR ADEQUATE BUFFER SPACE. THE MINIMUM LENGTH OF THE BUFFER SPACE BEFORE AN EXIT RAMP SHOULD BE 1/2 THE LENGTH OF THE TRANSITION AREA. THE ENTRANCE RAMP SHOULD BE FOLLOWED BY THE ORIGINAL BUFFER SPACE LENGTH OF 800 FEET DESIRABLE PRIOR TO ANOTHER TRAFFIC CONTROL CHANGE SUCH AS A CROSSOVER MANEUVER.

* THE LEFT REVERSE CURVE SIGN (WO1-4L) IS ONLY REQUIRED WHEN THIS DETAIL IS USED IN COMBINATION WITH "SINGLE LANE CROSSOVER" DETAIL.



TRAFFIC CONTROL, LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2016 — DATE
/S/ Peter Amakobe Atepe
STATEWIDE WORK ZONE SAFETY ENGINEER
FHWA

6

S.D.D. 15 D 12-6a

LEGEND

- TYPE III BARRICADE WITH ATTACHED SIGN
- SIGN ON PERMENENT SUPPORT
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TRAFFIC CONTROL DRUM
- FLASHING ARROW BOARD
- (A) TYPE "A" WARNING LIGHT (FLASHING)
- REMOVING PAVEMENT MARKING
- DIRECTION OF TRAFFIC
- WORK AREA

GENERAL NOTES

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

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

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

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

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

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

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

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

REMOVE PAVEMENT MARKINGS IF LANE CLOSURE IS TO BE IN PLACE FOR LONGER THAN 4 OR MORE DAYS AND NIGHTS.

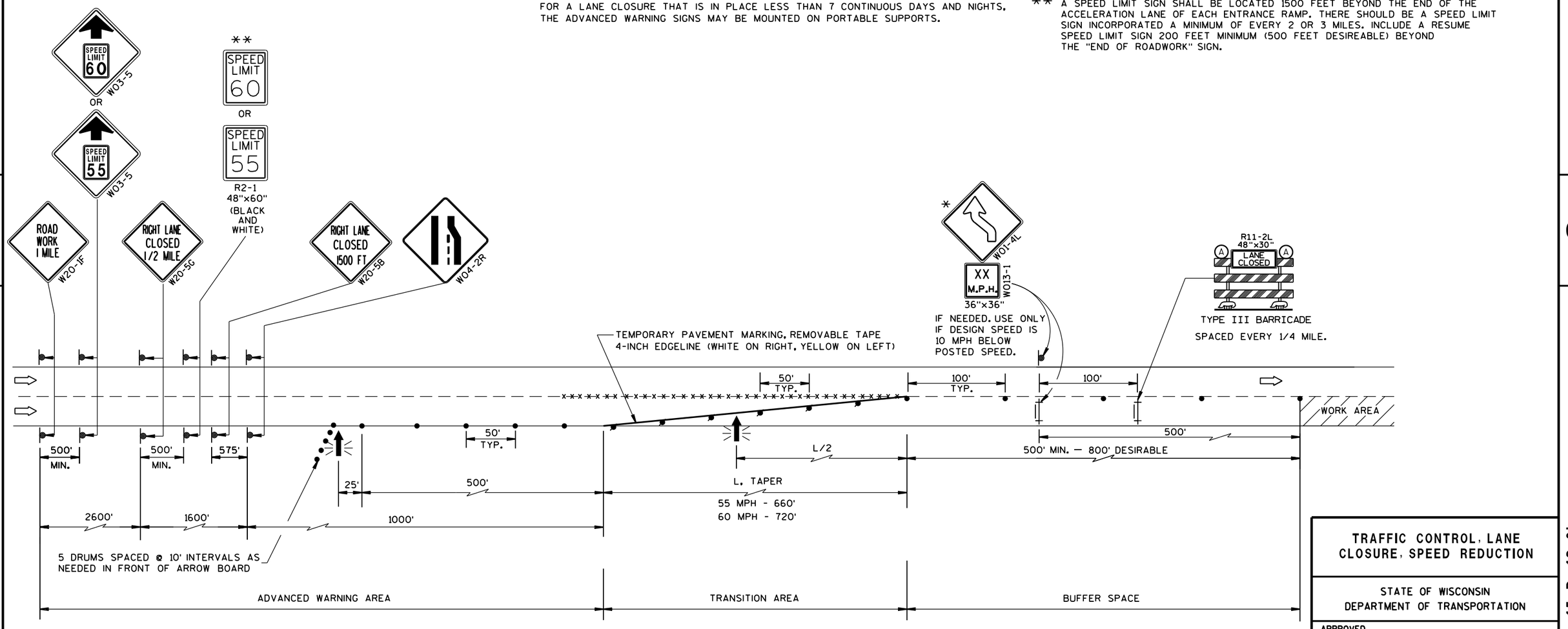
WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

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

ADJUSTMENTS IN BUFFER SPACE NEED TO BE INCORPORATED WHEN THE LANE CLOSURE OCCURS NEAR AN INTERCHANGE EXIT OR ENTRANCE RAMP. THE LANE CLOSURE MUST MUST TAKE PLACE FAR ENOUGH IN ADVANCE OF AN EXIT OR ENTRANCE RAMP TO STILL ALLOW FOR ADEQUATE BUFFER SPACE. THE MINIMUM LENGTH OF THE BUFFER SPACE BEFORE AN EXIT RAMP SHOULD BE 1/2 THE LENGTH OF THE TRANSITION AREA. THE ENTRANCE RAMP SHOULD BE FOLLOWED BY THE ORIGINAL BUFFER SPACE LENGTH OF 800 FEET DESIRABLE PRIOR TO ANOTHER TRAFFIC CONTROL CHANGE SUCH AS A CROSSOVER MANEUVER.

* THE LEFT REVERSE CURVE SIGN (W01-4L) IS ONLY REQUIRED WHEN THIS DETAIL IS USED IN COMBINATION WITH "SINGLE LANE CROSSOVER" DETAIL.

** A SPEED LIMIT SIGN SHALL BE LOCATED 1500 FEET BEYOND THE END OF THE ACCELERATION LANE OF EACH ENTRANCE RAMP. THERE SHOULD BE A SPEED LIMIT SIGN INCORPORATED A MINIMUM OF EVERY 2 OR 3 MILES. INCLUDE A RESUME SPEED LIMIT SIGN 200 FEET MINIMUM (500 FEET DESIREABLE) BEYOND THE "END OF ROADWORK" SIGN.



TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2016 — DATE
/S/ Peter Amakobe Atepe
STATEWIDE WORK ZONE SAFETY ENGINEER
FHWA

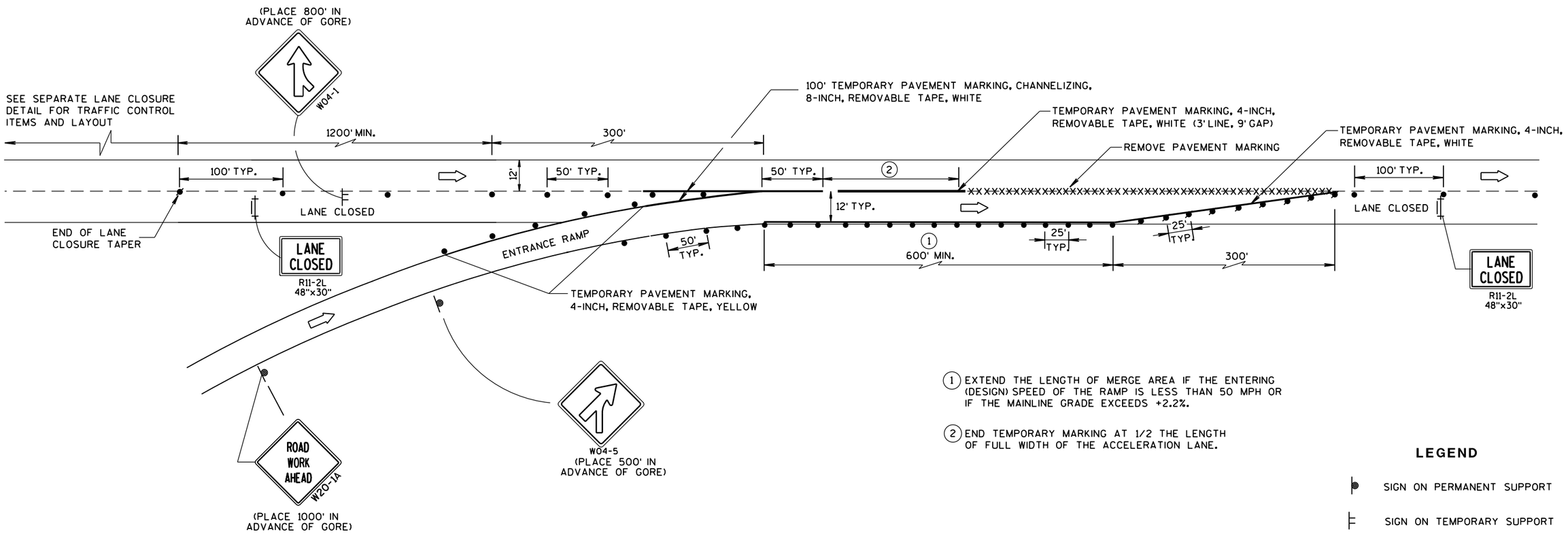
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S.D.D. 15 D 12-6b

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S.D.D. 15 D 12-6b

TRAFFIC CONTROL, ENTRANCE RAMP WITHIN RIGHT LANE CLOSURE



1. EXTEND THE LENGTH OF MERGE AREA IF THE ENTERING (DESIGN) SPEED OF THE RAMP IS LESS THAN 50 MPH OR IF THE MAINLINE GRADE EXCEEDS +2.2%.

2. END TEMPORARY MARKING AT 1/2 THE LENGTH OF FULL WIDTH OF THE ACCELERATION LANE.

LEGEND

- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE III BARRICADE WITH ATTACHED SIGN
- REMOVING PAVEMENT MARKING
- DIRECTION OF TRAFFIC

PARALLEL ENTRANCE RAMP

GENERAL NOTES

THE INSTALLATIONS SHOWN ON THIS SHEET ARE TYPICAL EXAMPLES AND ARE NOT INTENDED TO REPRESENT ANY PARTICULAR RAMP. AT SPECIFIC FIELD LOCATIONS, SIMILAR INSTALLATIONS SHALL BE USED AND ADJUSTED TO THE GEOMETRICS OF THE RAMP AS COORDINATED WITH THE ENGINEER.

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

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

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.

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

SEE SEPARATE LANE CLOSURE DETAIL FOR TYPICAL SPACING OF TYPE III BARRICADES AND R11-2L "LANE CLOSED" SIGNS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, OR THAT WILL BE PLACED IN A CLOSED LANE, MAY BE MOUNTED ON PORTABLE SUPPORTS. USE SUPPORTS THAT PROVIDE A MINIMUM OF 5 FEET FROM THE BOTTOM OF THE SIGN TO THE PAVEMENT.

IF INDICATED IN MISCELLANEOUS QUANTITIES, SUBSTITUTE FLEXIBLE TUBULAR MARKERS FOR DRUMS IN THE GORE BETWEEN THE ENTRANCE RAMP AND MAINLINE TRAFFIC.

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

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

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

TRAFFIC CONTROL, PARALLEL ENTRANCE RAMP WITHIN LANE CLOSURE

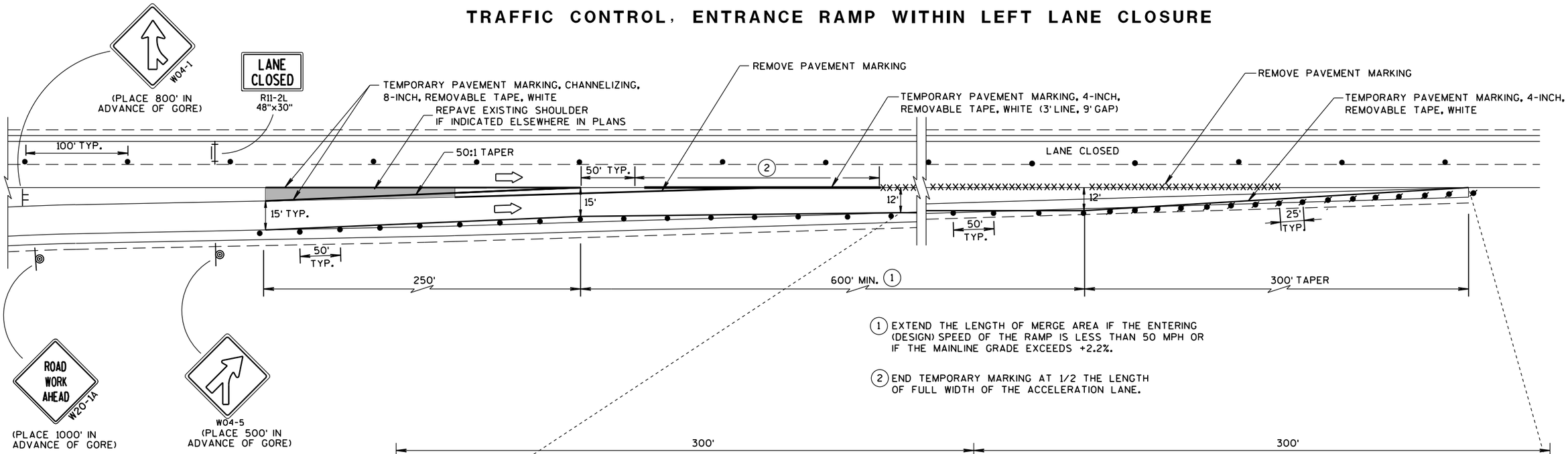
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept., 2017
DATE
/S/ Andrew Heidtke
WORK ZONE ENG
FHWA

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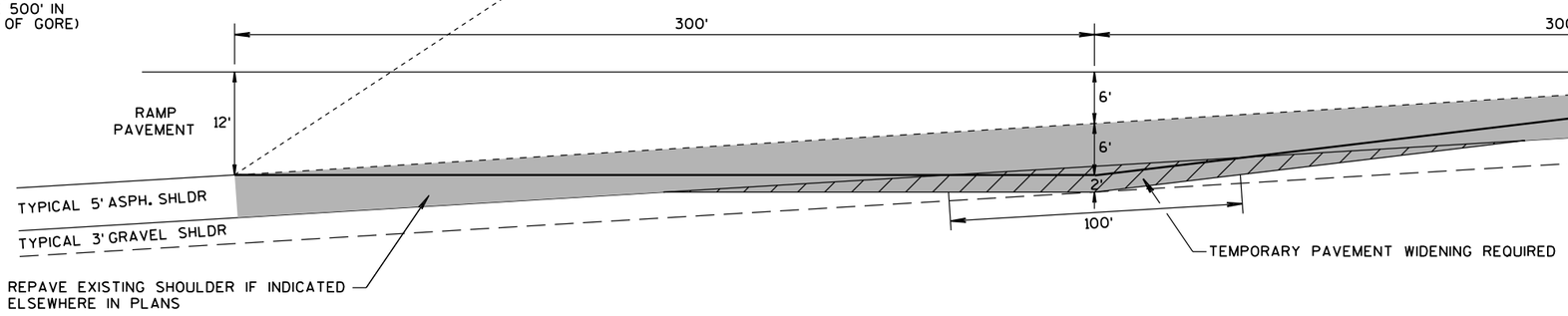
S.D.D. 15 D 15-4a

TRAFFIC CONTROL, ENTRANCE RAMP WITHIN LEFT LANE CLOSURE



(1) EXTEND THE LENGTH OF MERGE AREA IF THE ENTERING (DESIGN) SPEED OF THE RAMP IS LESS THAN 50 MPH OR IF THE MAINLINE GRADE EXCEEDS +2.2%.

(2) END TEMPORARY MARKING AT 1/2 THE LENGTH OF FULL WIDTH OF THE ACCELERATION LANE.



TEMPORARY PAVEMENT DETAIL

(EXISTING RAMP DIMENSIONS MAY VARY. ADJUST TEMPORARY PAVEMENT ACCORDINGLY)

LEGEND

- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE III BARRICADE WITH ATTACHED SIGN
- XXXXX REMOVING PAVEMENT MARKING
- DIRECTION OF TRAFFIC

GENERAL NOTES

THE INSTALLATIONS SHOWN ON THIS SHEET ARE TYPICAL EXAMPLES AND ARE NOT INTENDED TO REPRESENT ANY PARTICULAR RAMP. AT SPECIFIC FIELD LOCATIONS, SIMILAR INSTALLATIONS SHALL BE USED AND ADJUSTED TO THE GEOMETRICS OF THE RAMP AS COORDINATED WITH THE ENGINEER.

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SEE SEPARATE LANE CLOSURE DETAIL FOR TYPICAL SPACING OF TYPE III BARRICADES AND R11-2L "LANE CLOSED" SIGNS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, OR THAT WILL BE PLACED IN A CLOSED LANE, MAY BE MOUNTED ON PORTABLE SUPPORTS. USE SUPPORTS THAT PROVIDE A MINIMUM OF 5 FEET FROM THE BOTTOM OF THE SIGN TO THE PAVEMENT.

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

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

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

TRAFFIC CONTROL, ENTRANCE RAMP WITHIN LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

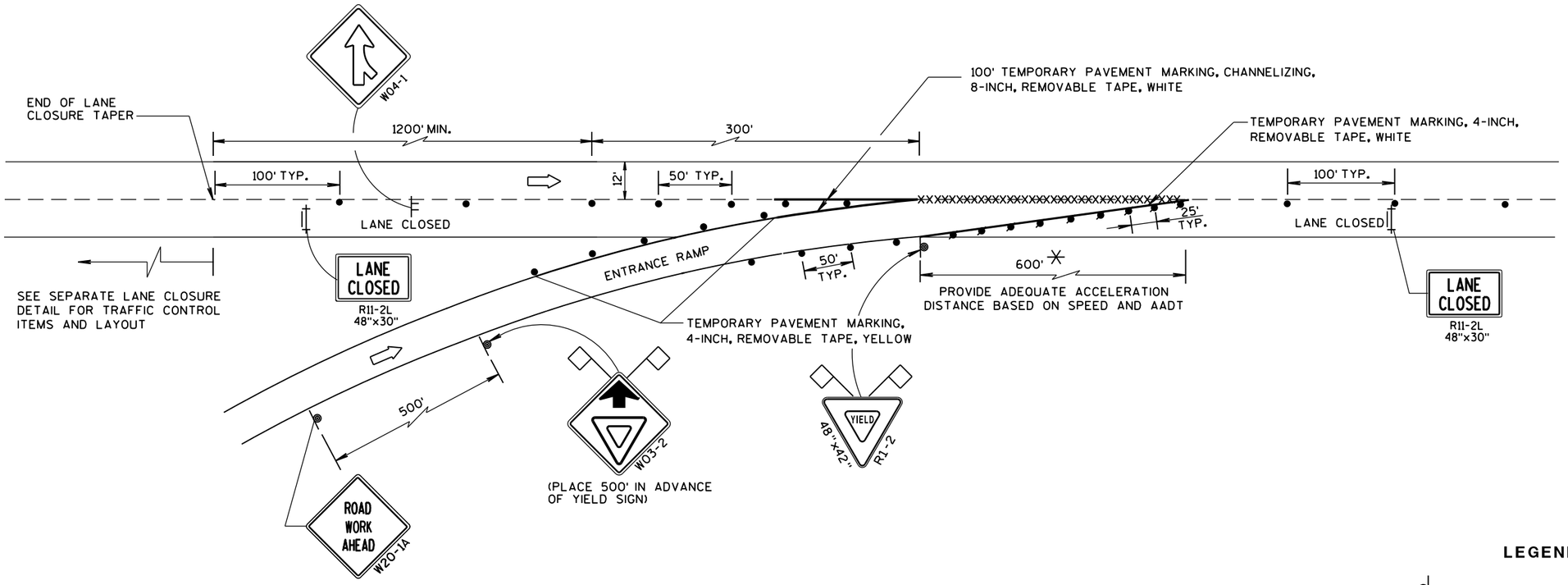
APPROVED
Sept., 2017 — DATE
/S/ Andrew Heldtke — WORK ZONE ENG
FHWA

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S.D.D. 15 D 15-4b

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S.D.D. 15 D 15-4b



TAPERED ENTRANCE RAMP WITHIN RIGHT LANE CLOSURE

GENERAL NOTES

THE INSTALLATIONS SHOWN ON THIS SHEET ARE TYPICAL EXAMPLES AND ARE NOT INTENDED TO REPRESENT ANY PARTICULAR RAMP. AT SPECIFIC FIELD LOCATIONS, SIMILAR INSTALLATIONS SHALL BE USED AND ADJUSTED TO THE GEOMETRICS OF THE RAMP AS COORDINATED WITH THE ENGINEER.

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

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SEE SEPARATE LANE CLOSURE DETAIL FOR TYPICAL SPACING OF TYPE III BARRICADES AND R11-2L "LANE CLOSED" SIGNS.

YIELD SIGN AND WARNING SIGNS ON ENTRANCE RAMP ARE ALSO APPROPRIATE FOR CLOSURE OF THE MAINLINE LEFT LANE. OMIT THE YIELD SIGN IF MORE THAN ONE LANE REMAINS OPEN ON THE MAINLINE AND THE RAMP TAPER IS AT LEAST AS LONG AS THE NORMAL ENTRANCE RAMP TAPER AT THE SITE.

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

IF INDICATED IN MISCELLANEOUS QUANTITIES, SUBSTITUTE FLEXIBLE TUBULAR MARKERS FOR DRUMS IN THE GORE BETWEEN THE ENTRANCE RAMP AND MAINLINE TRAFFIC.

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

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

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

* CONSULT WITH REGIONAL WORK ZONE ENGINEER IF NEED TO REDUCE LENGTH EXISTS.

LEGEND

- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- REMOVING PAVEMENT MARKING (SEE GENERAL NOTES)
- TYPE III BARRICADE WITH ATTACHED SIGN
- FLAGS, 16" x 16" MIN., (ORANGE)
- DIRECTION OF TRAFFIC

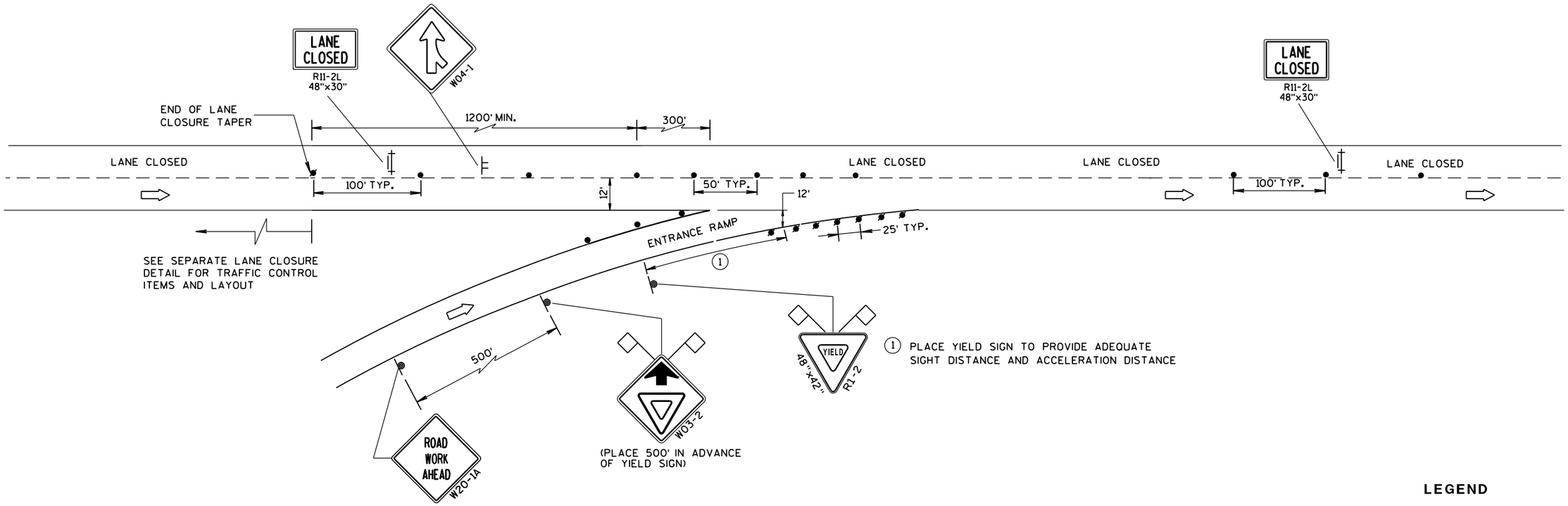
TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept., 2017 — DATE
/S/ Andrew Heldtke — WORK ZONE ENG
FHWA

6

S.D.D. 15 D 15-4c



TAPERED ENTRANCE RAMP WITHIN LEFT LANE CLOSURE

GENERAL NOTES

THE INSTALLATIONS SHOWN ON THIS SHEET ARE TYPICAL EXAMPLES AND ARE NOT INTENDED TO REPRESENT ANY PARTICULAR RAMP. AT SPECIFIC FIELD LOCATIONS, SIMILAR INSTALLATIONS SHALL BE USED AND ADJUSTED TO THE GEOMETRICS OF THE RAMP AS COORDINATED WITH THE ENGINEER.

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

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

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.

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

SEE SEPARATE LANE CLOSURE DETAIL FOR TYPICAL SPACING OF TYPE III BARRICADES AND R11-2L "LANE CLOSED" SIGNS.

YIELD SIGN AND WARNING SIGNS ON ENTRANCE RAMP ARE ALSO APPROPRIATE FOR CLOSURE OF THE MAINLINE LEFT LANE. OMIT THE YIELD SIGN IF MORE THAN ONE LANE REMAINS OPEN ON THE MAINLINE AND THE RAMP TAPER IS AT LEAST AS LONG AS THE NORMAL ENTRANCE RAMP TAPER AT THE SITE.

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

IF INDICATED IN MISCELLANEOUS QUANTITIES, SUBSTITUTE FLEXIBLE TUBULAR MARKERS FOR DRUMS IN THE GORE BETWEEN THE ENTRANCE RAMP AND MAINLINE TRAFFIC.

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

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

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

LEGEND

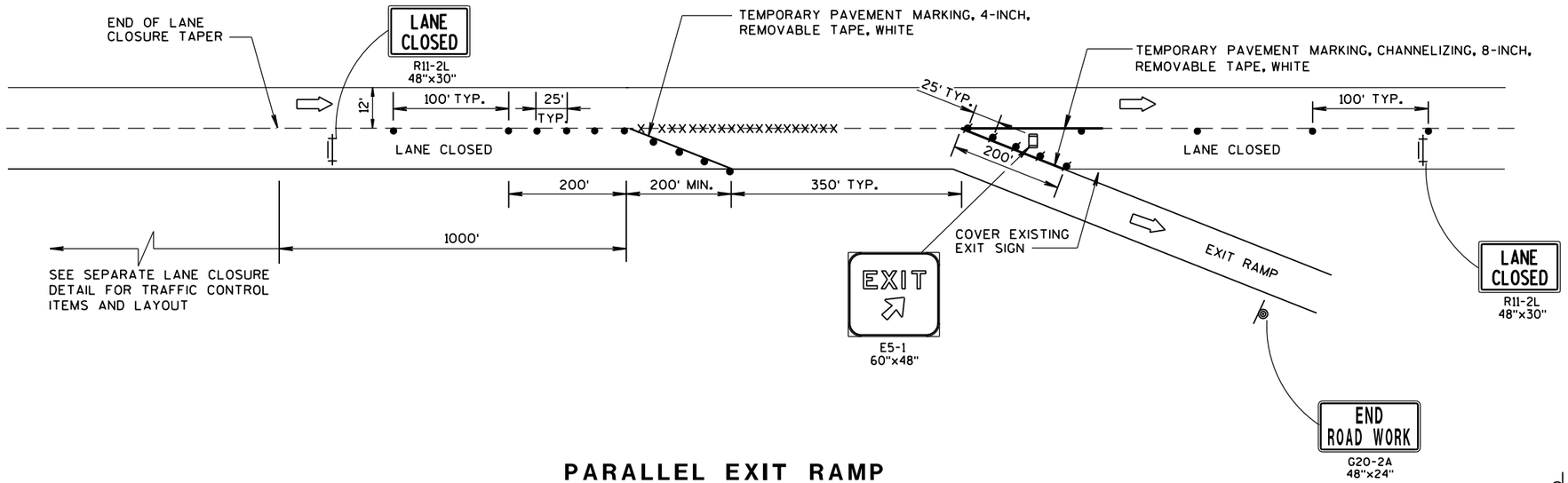
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- REMOVING PAVEMENT MARKING (SEE GENERAL NOTES)
- TYPE III BARRICADE WITH ATTACHED SIGN
- FLAGS, 16" x 16" MIN., (ORANGE)
- DIRECTION OF TRAFFIC

TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept., 2017 — DATE
/S/ Andrew Heidtke — WORK ZONE ENG
FHWA

6
S.D.D. 15 D 15-4d



PARALLEL EXIT RAMP

GENERAL NOTES

THE INSTALLATIONS SHOWN ON THIS SHEET ARE TYPICAL EXAMPLES AND ARE NOT INTENDED TO REPRESENT ANY PARTICULAR RAMP. AT SPECIFIC FIELD LOCATIONS, SIMILAR INSTALLATIONS SHALL BE USED AND ADJUSTED TO THE GEOMETRICS OF THE RAMP AS COORDINATED WITH THE ENGINEER.

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

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

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.

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

SEE SEPARATE LANE CLOSURE DETAIL FOR TYPICAL SPACING OF TYPE III BARRICADES AND R11-2L "LANE CLOSED" SIGNS.

YIELD SIGN AND WARNING SIGNS ON ENTRANCE RAMP ARE ALSO APPROPRIATE FOR CLOSURE OF THE MAINLINE LEFT LANE. OMIT THE YIELD SIGN IF MORE THAN ONE LANE REMAINS OPEN ON THE MAINLINE AND THE RAMP TAPER IS AT LEAST AS LONG AS THE NORMAL ENTRANCE RAMP TAPER AT THE SITE.

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

IF INDICATED IN MISCELLANEOUS QUANTITIES, SUBSTITUTE FLEXIBLE TUBULAR MARKERS FOR DRUMS IN THE GORE BETWEEN THE ENTRANCE RAMP AND MAINLINE TRAFFIC.

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

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

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

LEGEND

- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- REMOVING PAVEMENT MARKING (SEE GENERAL NOTES)
- TYPE III BARRICADE WITH ATTACHED SIGN
- FLAGS, 16" x 16" MIN., (ORANGE)
- DIRECTION OF TRAFFIC

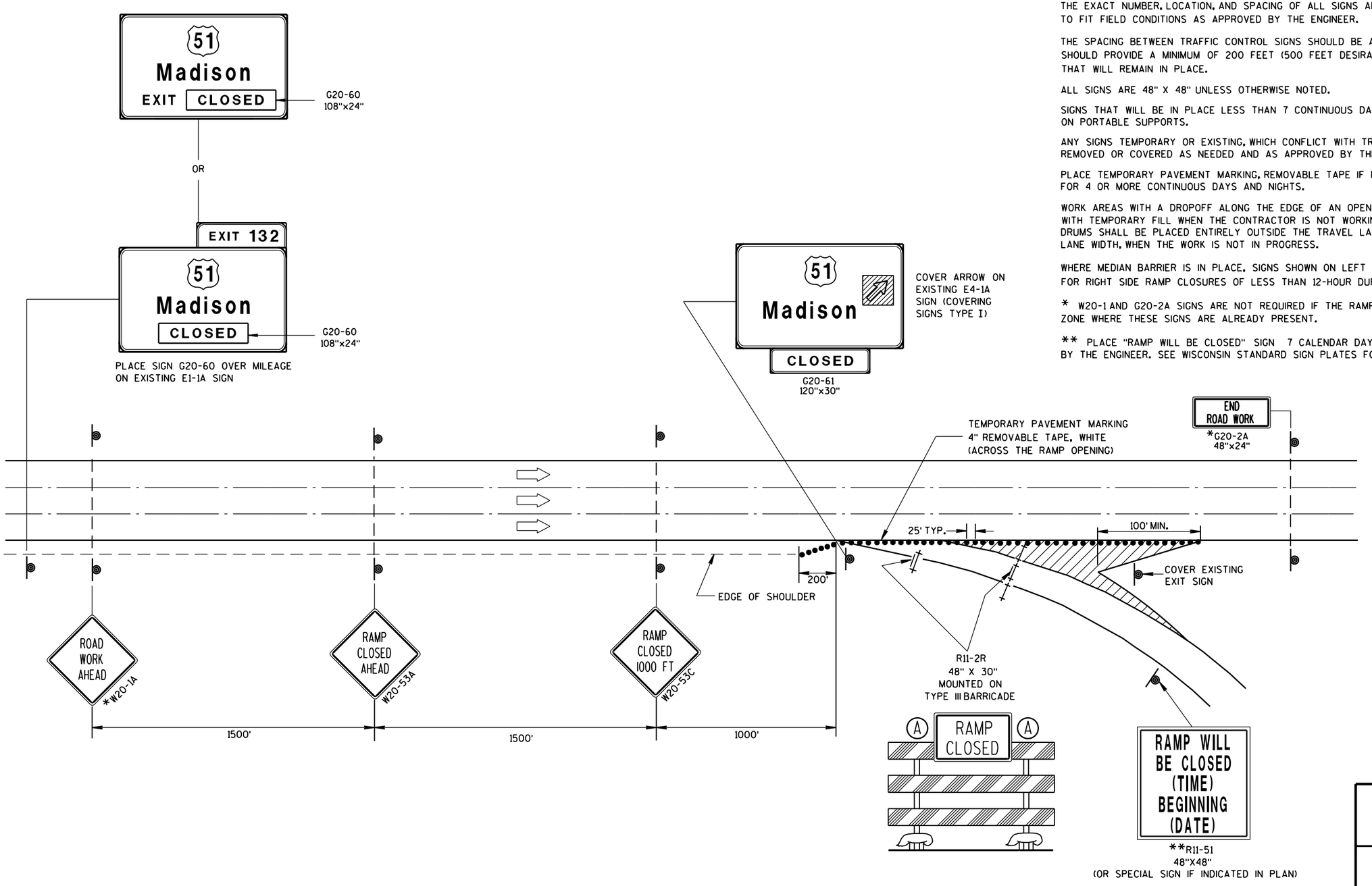
TRAFFIC CONTROL, PARALLEL EXIT RAMP WITHIN LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept., 2017 — DATE
/S/ Andrew Heidtke — WORK ZONE ENG
FHWA

6

S.D.D. 15 D 15-4e



GENERAL NOTES

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

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

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

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

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

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

PLACE TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE IF RAMP CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

WORK AREAS WITH A DROPOFF ALONG THE EDGE OF AN OPEN TRAVEL LANE SHALL BE LEVELED WITH TEMPORARY FILL WHEN THE CONTRACTOR IS NOT WORKING ADJACENT TO THE TRAVEL LANE. DRUMS SHALL BE PLACED ENTIRELY OUTSIDE THE TRAVEL LANE, ALLOWING THE FULL UNOBSTRUCTED LANE WIDTH, WHEN THE WORK IS NOT IN PROGRESS.

WHERE MEDIAN BARRIER IS IN PLACE, SIGNS SHOWN ON LEFT SIDE OF ROADWAY MAY BE OMITTED FOR RIGHT SIDE RAMP CLOSURES OF LESS THAN 12-HOUR DURATION.

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

** PLACE "RAMP WILL BE CLOSED" SIGN 7 CALENDAR DAYS PRIOR TO CLOSURE OR AS DIRECTED BY THE ENGINEER. SEE WISCONSIN STANDARD SIGN PLATES FOR SIGN LAYOUT.

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- SIGN ON PERMANENT SUPPORT
- (A) TYPE "A" WARNING LIGHT (FLASHING)
- DIRECTION OF TRAFFIC

TRAFFIC CONTROL, EXIT RAMP CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept. 2015 — DATE
/S/ Peter Amakobe Atepe — STATEWIDE WORK ZO SAFETY ENGI FIC
FHWA

6

S.D.D. 15 D 16-3

6

S.D.D. 15 D 16-3

LEGEND

- TRAFFIC CONTROL DRUM
- SIGN ON PERMANENT SUPPORT
- DIRECTION OF TRAFFIC
- FLASHING ARROW BOARD
- WORK AREA

GENERAL NOTES

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

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

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

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

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

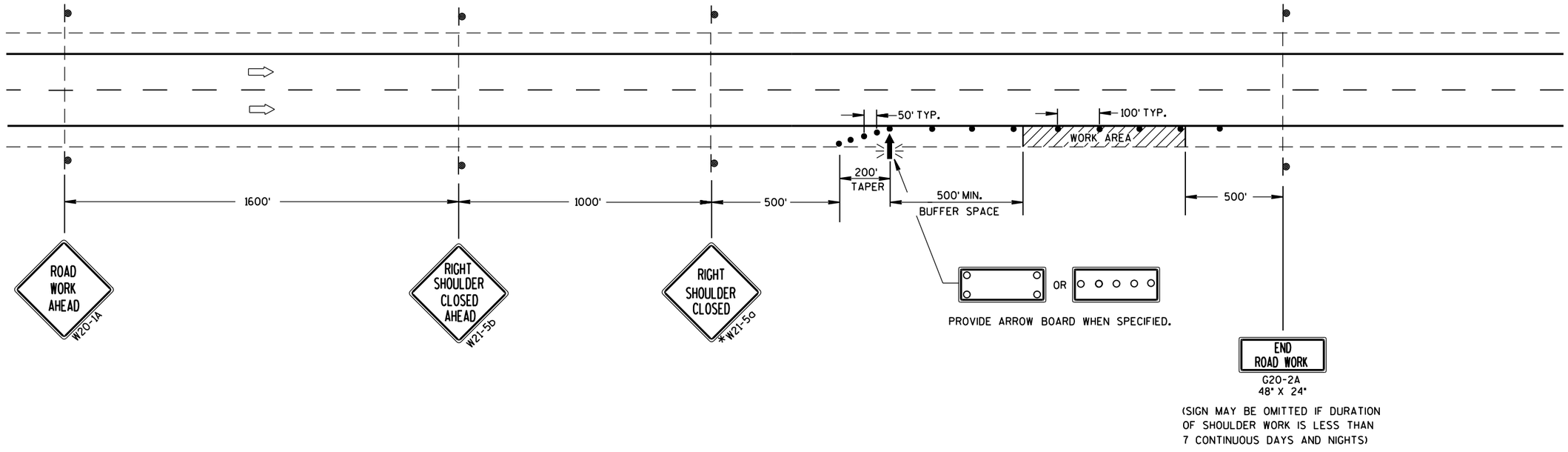
SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

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

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

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

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



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

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

June 2016 — DATE

/S/ Peter Amakobe Atepe
STATEWIDE WORK ZO[illegible] SAFETY ENGI[illegible]

FHWA

6

S.D.D. 15 D 27-3

GENERAL NOTES

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

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

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

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

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

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

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

TABLE A

SHOULDER TAPER LENGTH (FEET)					BUFFER SPACE (FEET)
S \ W	4	6	8	10	
30	20	30	40	50	200
35	30	45	55	70	250
40	40	55	75	90	305
45	60	90	120	150	360
50	70	100	135	170	425
55	75	110	150	185	495

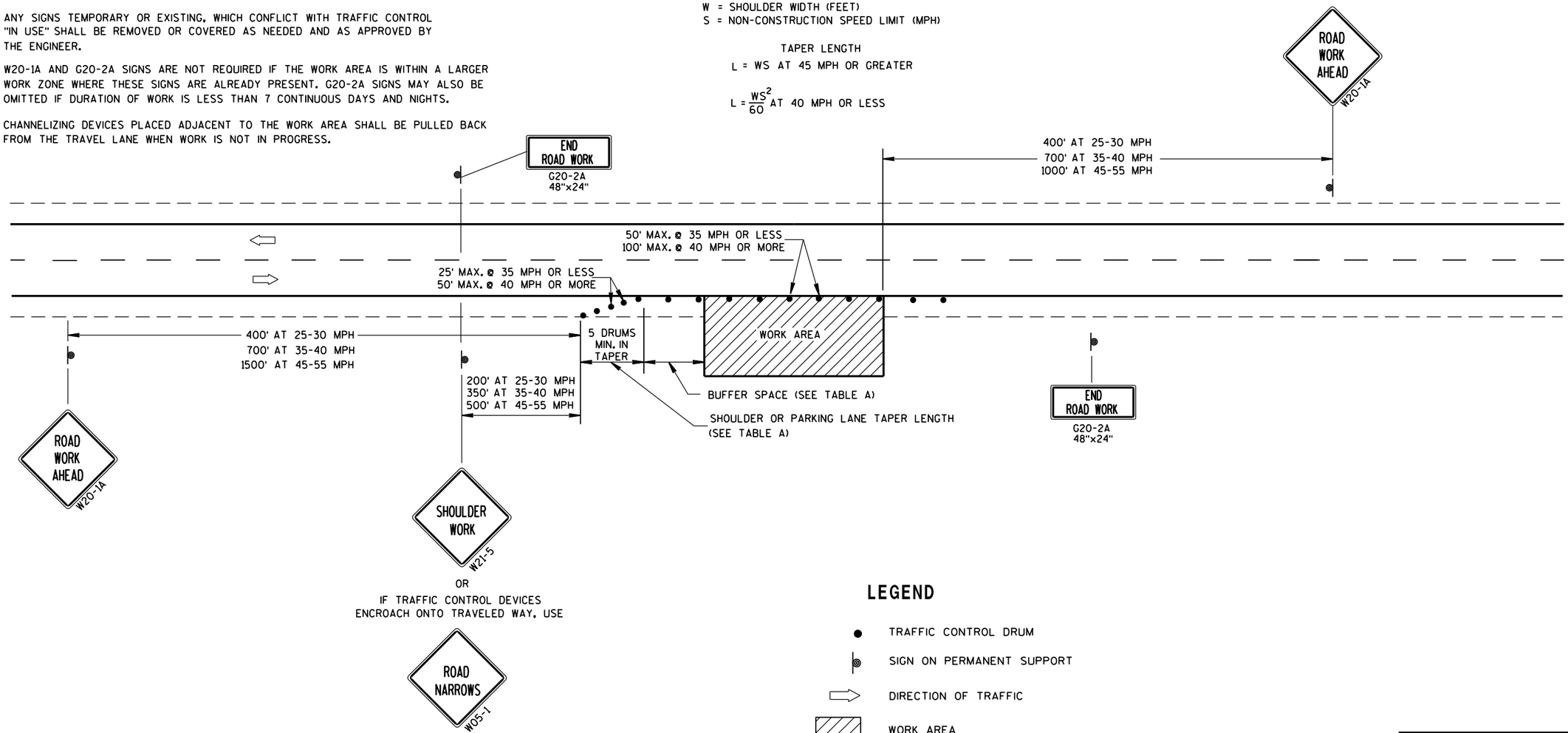
W = SHOULDER WIDTH (FEET)
S = NON-CONSTRUCTION SPEED LIMIT (MPH)

TAPER LENGTH

L = WS AT 45 MPH OR GREATER

$L = \frac{WS^2}{60}$ AT 40 MPH OR LESS

SHOULDER TAPER LENGTH = $\frac{1}{3}L$



LEGEND

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

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

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

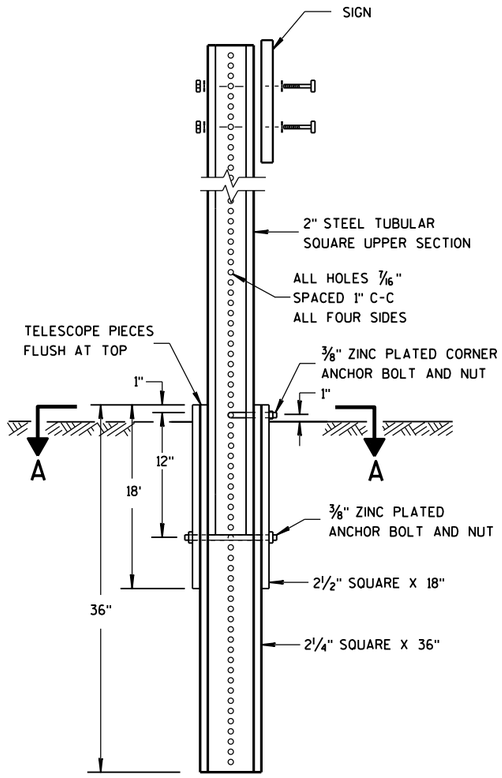
July 14, 2015 — DATE

/S/ Peter Amakobe Atepe — STATEWIDE WORK ZO SAFETY ENGI FIC

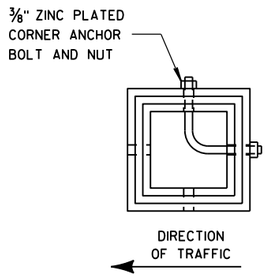
FHWA

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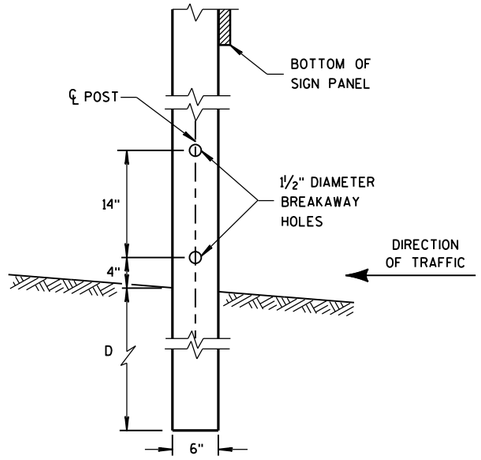
S.D.D. 15 D 28-3



DETAIL OF TUBULAR STEEL SIGN POST



SECTION A-A



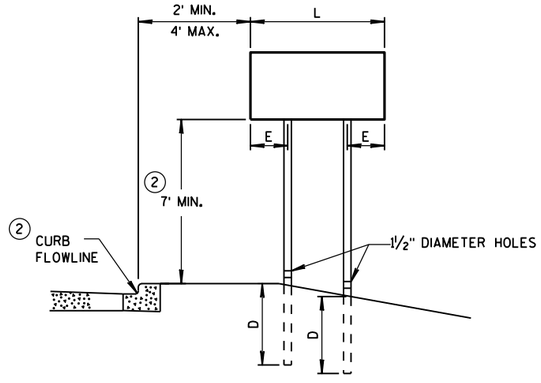
4"x6" WOOD POST MODIFICATION

GENERAL NOTES

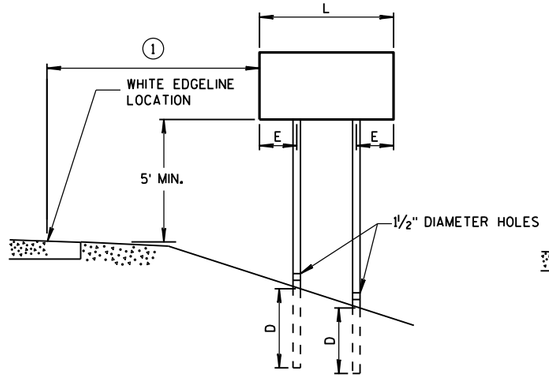
(1) 6 FEET FROM THE EDGE OF PAVEMENT (EDGE LINE LOCATION) UNLESS OTHERWISE DIRECTED BY THE PROJECT ENGINEER. LATERAL OFFSET SHOULD BE ADJUSTED TO AVOID THE DITCH FLOWLINE.

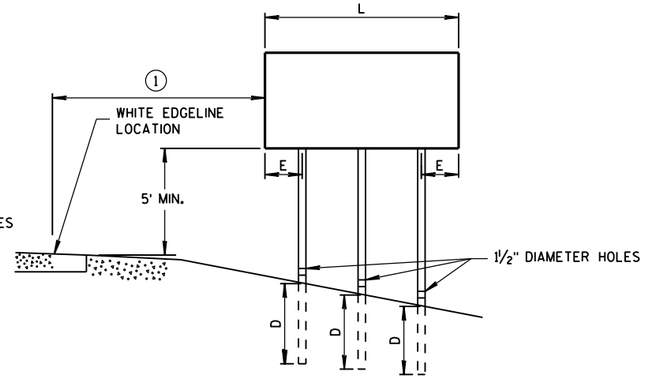
(2) THE EXISTENCE OF CURB AND GUTTER DOES NOT IN ITSELF MANDATE THE VERTICAL CLEARANCE ILLUSTRATED. THAT HEIGHT IS TYPICALLY MEASURED WHERE THERE IS SIDEWALK ADJACENT TO THE ROADWAY OR PARKING IS PERMITTED. IN THE ABSENCE OF SIDEWALK, VERTICAL CLEARANCE IS MEASURED FROM THE TOP OF THE CURB. IF NO SIDEWALK AND NO PARKING, VERTICAL CLEARANCE MAY BE REDUCED TO 5 FOOT MINIMUM. OFFSET OF SIGNS IS MEASURED FROM THE CURB FLOWLINE.

(3) FOR SIGNS REQUIRING 4 POSTS, SPACE INTERMEDIATE POSTS EVENLY.



URBAN AREA





RURAL AREA

POST MOUNTING DETAIL FOR TEMPORARY TRAFFIC CONTROL FIXED MESSAGE SIGNS

TUBULAR STEEL POSTS

AREA OF SIGN INSTALLATION (SQ. FT.)	NUMBER OF REQUIRED TUBULAR STEEL POSTS
9 OR LESS	1
GREATER THAN 9 LESS THAN OR EQUAL TO 18	2
GREATER THAN 18 LESS THAN OR EQUAL TO 27	3

SIGNS WIDER THAN 3 FEET OR LARGER THAN 9 SQ. FT. SHALL BE MOUNTED ON MULTIPLE POSTS (SEE ABOVE TABLE).

SIGNS LARGER THAN 27 SQ. FT. SHALL NOT BE MOUNTED ON TUBULAR STEEL POSTS.

WOOD POST EMBEDMENT DEPTH

AREA OF SIGN INSTALLATION (SQ. FT.)	D (MIN)
20 OR LESS	4'
GREATER THAN 20	5'

4" X 6" WOOD POST

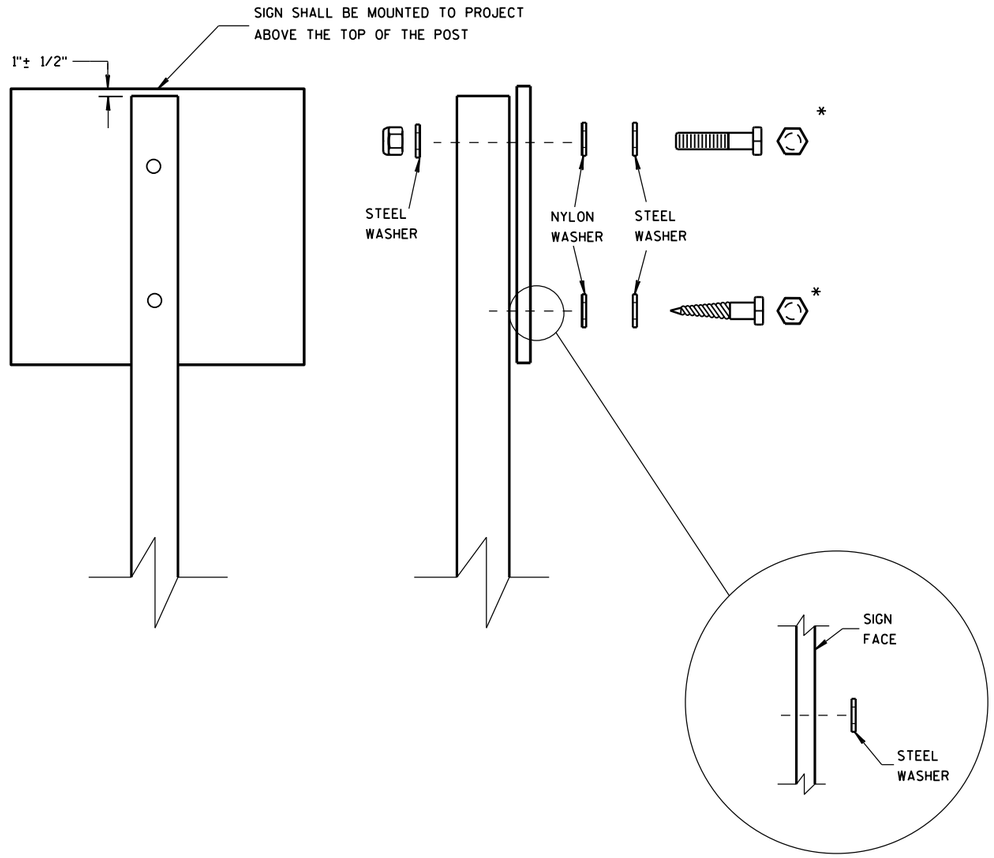
POST SPACING REQUIREMENTS		NUMBER OF WOOD POSTS REQUIRED
L	E	
48" OR LESS AND LESS THAN 20 SQ. FT.	-	1
LESS THAN 60"	12"	2
60" TO 120"	L/5	2
GREATER THAN 120" LESS THAN 168"	12"	3
168" AND GREATER	12"	4

SEE NOTE (3)

TEMPORARY TRAFFIC CONTROL SIGN MOUNTING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6
S.D.D. 15 D 38-2a



WASHER PLACEMENT WHEN SIGN HAS OTHER THAN TYPE H OR TYPE F FACE

NUTS, BOLTS AND LAGS USED FOR MOUNTING SIGNS SHALL HAVE HEXAGONAL HEADS AND SHALL BE EITHER:

A. HOT DIP GALVANIZED IN ACCORDANCE WITH ASTM DESIGNATION: A 153, CLASS D, OR SC 3

B. ELECTRO-GALVANIZED IN ACCORDANCE WITH ASTM DESIGNATION: B 633, TYPE III, SC 3

THREADS ON BOLTS AND NUTS SHALL BE MANUFACTURED WITH SUFFICIENT ALLOWANCE FOR THE CADMIUM PLATE OR GALVANIZED COATING TO PERMIT THE NUTS TO RUN FREELY ON THE BOLTS.

WOOD POSTS (4" x 4" or 4" x 6")

LAG SCREWS - 3/8" X 3"

MACHINE BOLTS - 5/16" X 6-1/2" OR 7" LENGTH W/ NUTS

SQUARE STEEL POSTS (2" x 2")

MACHINE BOLTS - 3/8" X 3-1/4" LENGTH W/ NUTS

RIVETS - 9/32" (6605-9-6) BULB-TITE, TRI-FOLD, ALUMINUM BODY/MANDREL O.D. FLANGE .720-.765 INCH, GRIP RANGE .042-.375 INCH

WASHERS (ALL POSTS) -

1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL

1-1/4" O.D. X 3/8" I.D. X .080 NYLON FOR ALL TYPE H SIGNS

* TWO DIFFERENT FASTENING SYSTEMS ARE SHOWN FOR ILLUSTRATION PURPOSES. ON ANY INDIVIDUAL SIGN, EITHER ONE OR THE OTHER SYSTEM SHALL BE USED. ACTUAL NUMBER OF FASTENERS PER SIGN VARIES WITH THE SIGN AREA. FOR A SINGLE POST INSTALLATION, ALL SIGNS GREATER THAN 9 SQ. FT. REQUIRE THE USE OF 3 FASTENERS.

6

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S.D.D. 15 D 38-2b

S.D.D. 15 D 38-2b

ATTACHMENT OF SIGNS TO POSTS

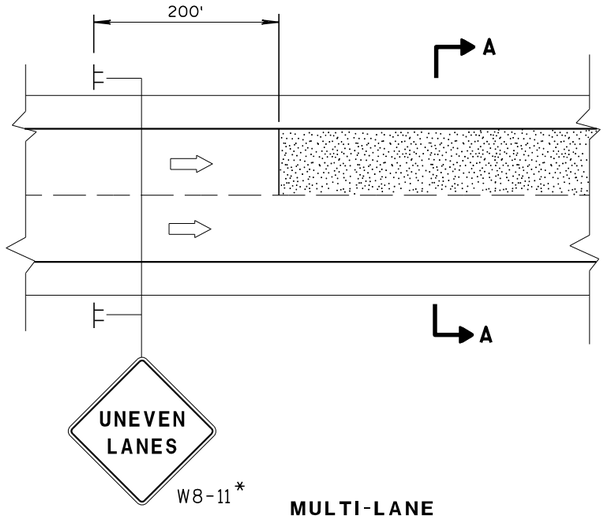
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

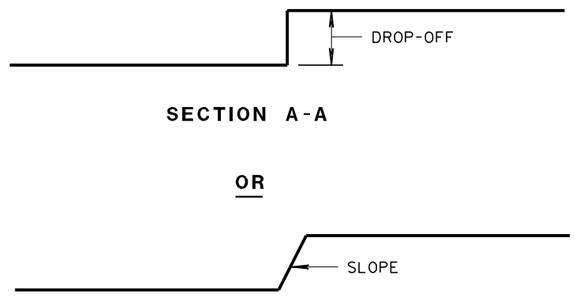
June 2017
DATE

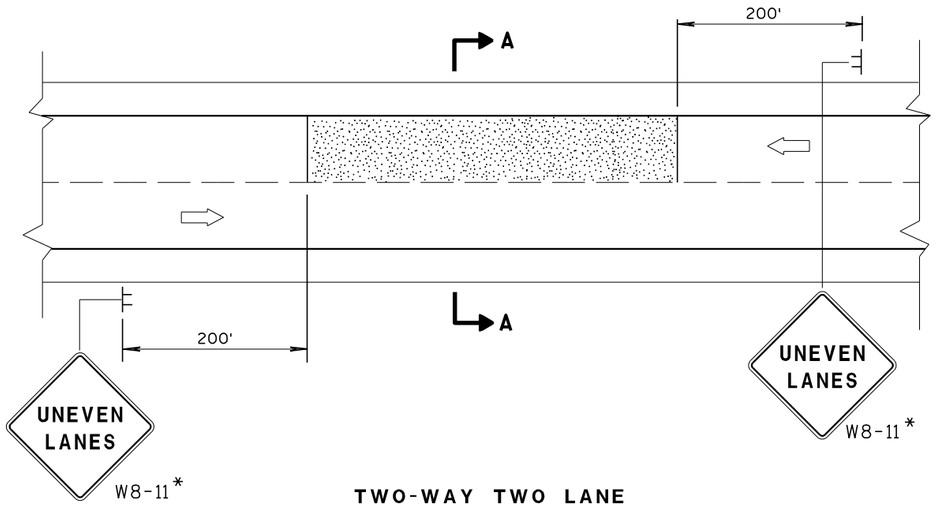
/S/ Andrew Heldtke
WORK ZONE ENG

FHWA

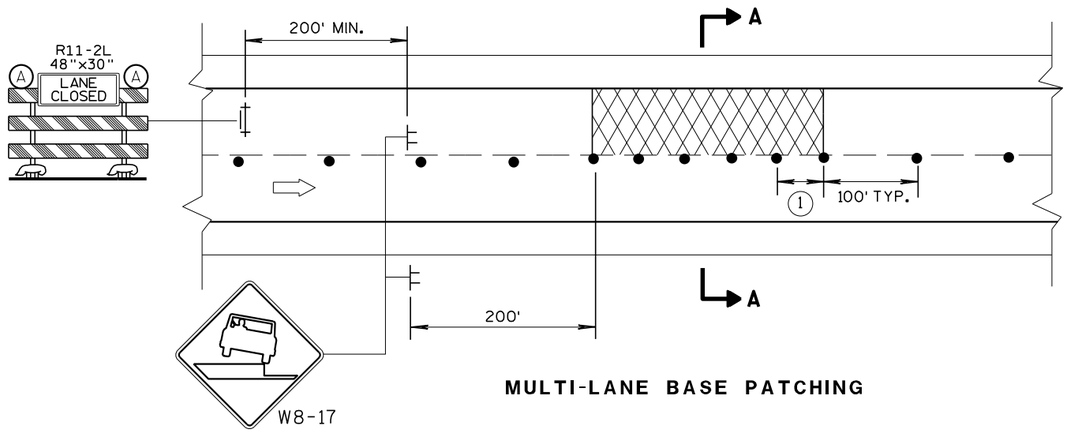


MULTI-LANE



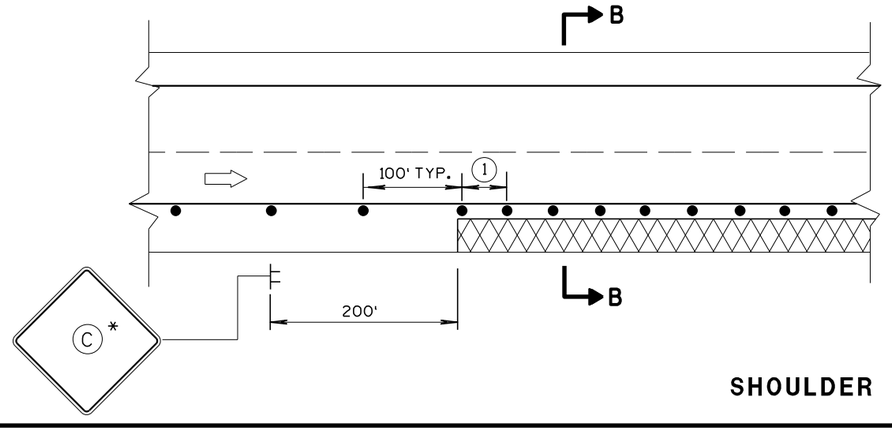


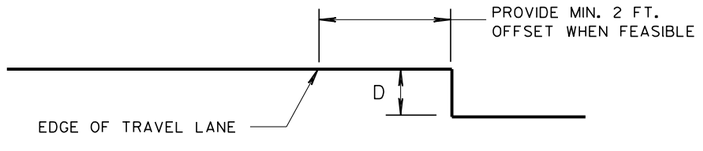
TWO-WAY TWO LANE



MULTI-LANE BASE PATCHING

ADJACENT LANE DROP-OFFS





SECTION B-B

SHOULDER DROP-OFFS

GENERAL NOTES

FOR SPOT LOCATIONS USE ENGINEERING JUDGEMENT WHEN PLACING ADDITIONAL SIGNS.

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

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

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

* IF THE DROP-OFF IS CONTINUOUS ALONG THE PROJECT, PLACE ADDITIONAL SIGNS EVERY 1 MILE AND AFTER EACH ENTRANCE RAMP.

(1) USE CLOSER SPACING WHEN DELINEATING DROP-OFF.

LEGEND

- TYPE III BARRICADE WITH ATTACHED SIGN
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- (A) TYPE "A" WARNING LIGHT (FLASHING)
- DIRECTION OF TRAFFIC
- WORK AREA WITH DROP-OFF
- MILLED SURFACE

D	SIGN (C)
< 2" WITH A SLOPE STEEPER THAN 3:1	LOW SHOULDER WO8-9
2" < 6" WITH A SLOPE STEEPER THAN 3:1	SHOULDER DROP-OFF W8-9A PROVIDE A 3:1 OR FLATTER SLOPE OF MATERIAL ADJACENT TO THE PAVEMENT

TRAFFIC CONTROL, DROP-OFF SIGNING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2018
DATE
/S/ Andrew H
WORK ZONE EN
221
FHWA

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S.D.D. 15 D 39-2

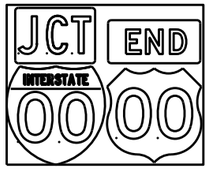
6

S.D.D. 15 D 39-2

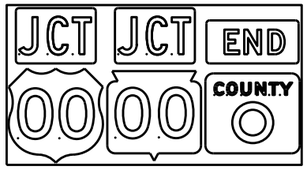
TYPICAL ASSEMBLIES



J1-1



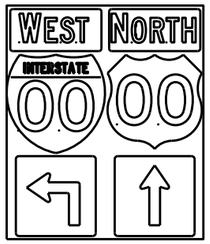
J1-2



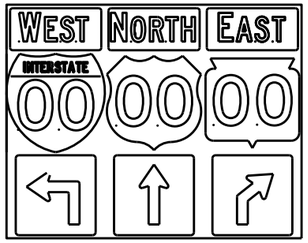
J1-3



J2-1



J2-2

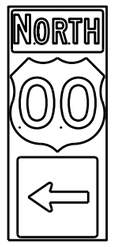


J2-3

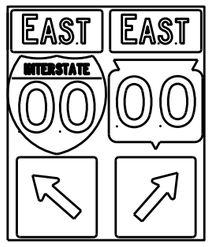


JV

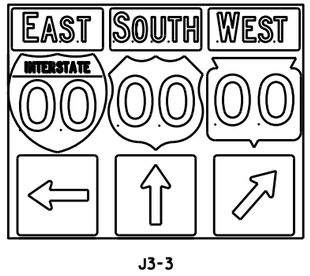
(Typical Vertical J-Assembly
See Note 10 and 11)



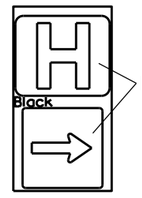
J3-1



J3-2



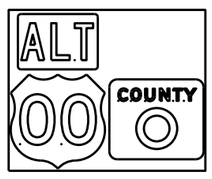
J3-3



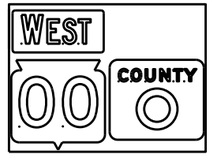
JH-1



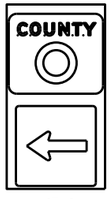
J4-1



J4-2



J4-2



J13-1



J12-1



J32-1



J33-1

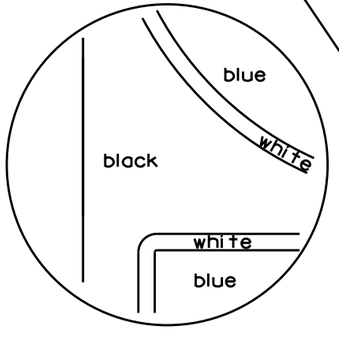


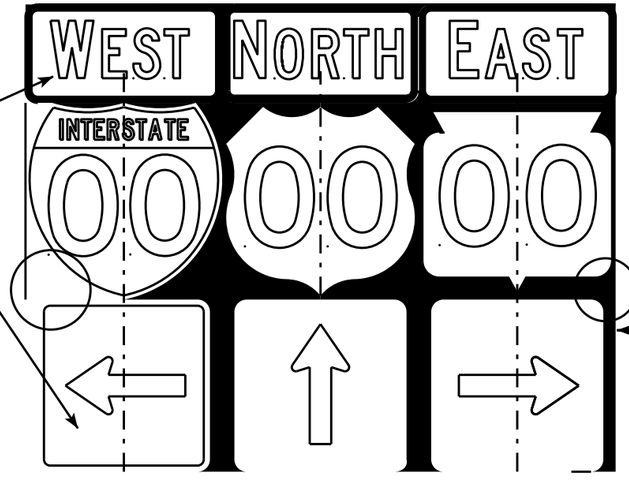
J23-1

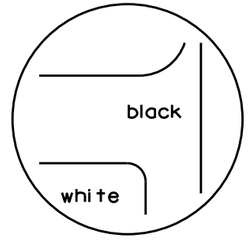


J22-1

blue background
with interstate







black background

NOTES

1. Signs are Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Black Non-reflective
   Message - see Note 5
3. Message Series - See Note 5
4. Corners shall be square or rounded if base material is plywood. If base material is metal the corners shall be rounded.
5. The colors and message spacing on each marker shall be according to the applicable route marker panel specifications.
6. Certain marker heads require the component pieces to be the same color. As an example, all the components used with an M1-1 Interstate marker shall be blue.
7. Single panel j-assemblies shall only be used with route marker shields that are same size. If the route marker shields are different size use multiple piece component.
8. Route assemblies that have 24 inch route shields and have dimensions greater than 48 inches (both vertical and horizontal) shall have one horizontal splice between the arrows and route shields. Vertical splices shall not be used on route assemblies with a horizontal dimension of 144 inches or less. The contractor shall not use more than one vertical joint per sign and the joint shall be between route shields.
9. Route assemblies that have 36 inch shields and have dimensions greater than 48 inchs (both vertical and horizontal) shall have two horizontal splices. One horizontal splice shall be between the cardinal direction and route shields and the other horizontal splice shall be between the arrows and route shields. Vertical splices shall not be used on route assemblies with a horizontal dimension of 144 or less. The contractor shall not use more than one vertical joint per sign and the joint shall be between route shields.
10. All Vertical J Assemblies are given a Sign Code of JV
11. For JV Assemblies that have a mixture of Interstate and non Interstate shields, arrows and cardinals shall be white on blue.

ROUTE MARKERS & COMPONENTS
IN TYPICAL ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

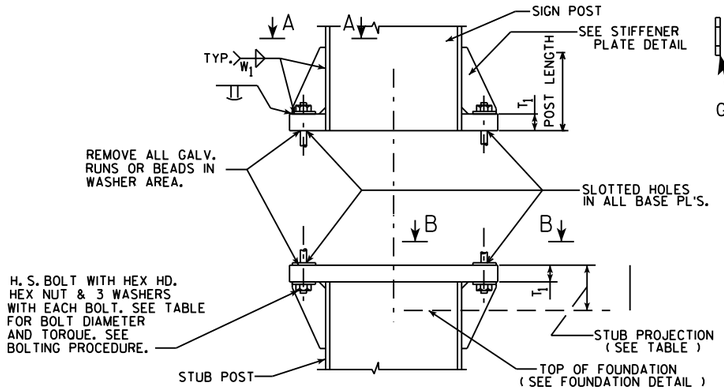
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/06/14 PL... A2-1S.8

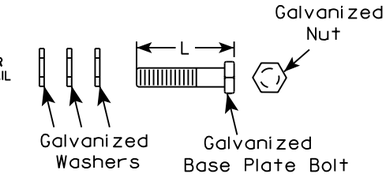
PROJECT NO: | SHEET NO: E

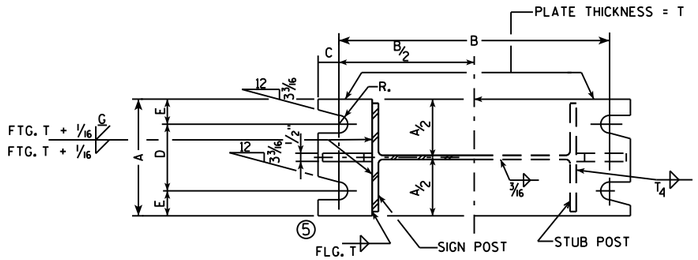
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WISDOT/CADDS SHEET 42

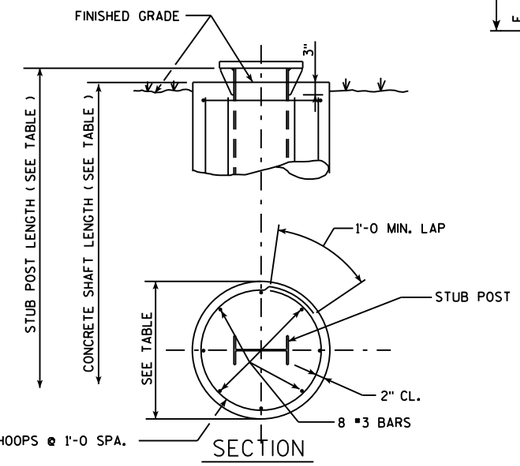


SIGN POST AND STUB POST ELEVATION

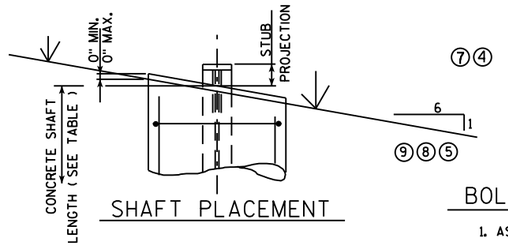




SECTION A-A SECTION B-B



SECTION



SHAFT PLACEMENT

⑦④

⑨⑧⑤

DESIGN DATA

WIND PRESSURE = 75 M.P.H.
WIND COMPONENTS - NORMAL = 1.0 TRANSVERSE = 0.0
ICE LOAD = 3 P.S.F.

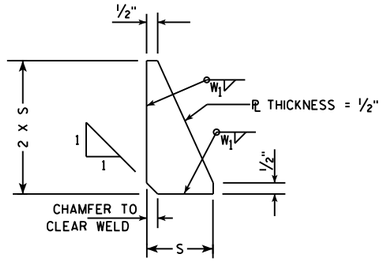
GROUP LOADS	PERCENT OF ALLOWABLE STRESS
1. DEAD	100
2. DEAD & WIND	140
3. DEAD, ICE & 1/2 WIND[Δ]	140

[Δ]25 P.S.F. MIN.

ALLOWABLE SOIL PRESSURE = 1½T / SQ. FT.
WIND LOAD WAS APPLIED TO THE AREA OF THE SIGN AND TO THE SUPPORTING MEMBERS.
ICE LOAD WAS APPLIED TO ONE FACE OF THE SIGN AND AROUND THE SURFACE OF THE SUPPORTING MEMBERS.

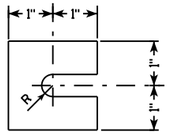
GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.
DESIGN CONFORMS WITH A.A.S.H.T.O. SPECIFICATIONS 1985.
ALL POSTS, POST STUBS & ATTACHMENTS SHALL BE A.S.T.M. A709 GRADE 50, GALVANIZED IN ACCORDANCE WITH ASTM A123.
⑨ THE POST, BASE PLATES, UPPER SIX INCHES OF STUB POST FLANGE SPLICE PLATE AND FUSE PLATE SHALL BE GALVANIZED AFTER FABRICATION.
FURNISH STEEL BOLTS, NUTS, AND WASHERS IN ACCORDANCE WITH SECTION 635 OF THE STANDARD SPECIFICATIONS.



STIFFENER PLATE DETAIL

(SEE TABLE FOR DIMENSIONS)

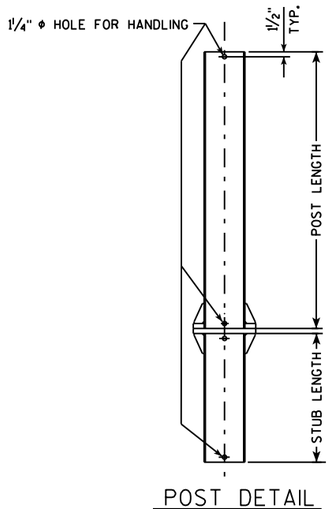


FURNISH 2 @ .012" ± THICK AND 2 @ .032" ± THICK SHIMS PER POST. SHIMS SHALL BE FABRICATED FROM BRASS SHIM STOCK OR STRIP CONFORMING TO A.S.T.M.- B36.

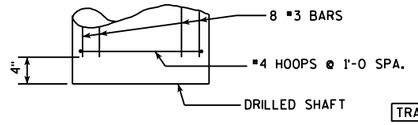
SHIM DETAIL

QUANTITIES FOR 1 FOOTING		
	CONC. MASONRY C.Y.	REINF. STEEL LBS.
A	0.6	34
B	0.8	49
C	0.9	50
D	0.9	56
⑦ E	1.0	62

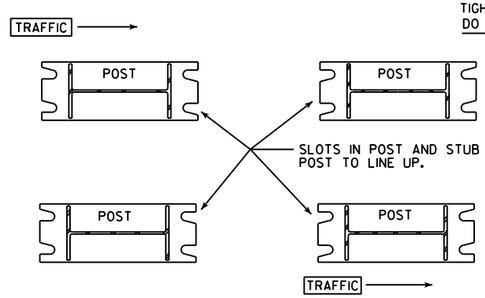
REINF.	TYPE	#3	#4
⑦	A	8 @ 4'-5	5 @ 6'-3
	B	8 @ 6'-5	7 @ 6'-3
	C	8 @ 6'-11	7 @ 6'-3
	D	8 @ 7'-5	8 @ 6'-3
	E	8 @ 7'-11	9 @ 6'-3



POST DETAIL



FOUNDATION DETAIL



POST SLOT ORIENTATION ⑦

	BASE CONNECTION DATA TABLE															FOUNDATION DATA				②
L	X	TYPE	POST SIZE	WEIGHT PER FT	BOLT SIZE & TORQUE	A	B	C	D	E	T_1	T_4	W_1	R	S	STUB LENGTH	STUB PROJECTION	SHAFT DIAMETER	SHAFT LENGTH	K
3 3/4	④	A	W10"X12.0	12.0 LBS	3/4" @ @ 75#-FT.	5 1/4"	1'-0 3/8"	7/8"	3 1/2"	7/8"	1"	3/16"	5/16"	13/32"	2 1/8"	3'-6	3"	2'-0 @	5'-0	76.0# ④
4 3/4	④	B	W12"X16.0	16.0 LBS	7/8" @ @ 85#-FT.	5 1/2"	1'-4 1/4"	1"	3 1/2"	1"	1 1/4"	1/4"	5/16"	15/32"	3"	5'-6	3"	2'-0 @	7'-0	146.5# ④
5		C	W12"X19.0	19.0 LBS	7/8" @ @ 85#-FT.	5 1/2"	1'-4 1/4"	1"	3 1/2"	1"	1 1/2"	5/16"	5/16"	15/32"	3"	6'-0	3"	2'-0 @	7'-6	182.1#
5		D	W12"X22.0	22.0 LBS	7/8" @ @ 85#-FT.	5 1/2"	1'-4 1/4"	1"	3 1/2"	1"	1 1/2"	3/8"	5/16"	15/32"	3"	6'-6	3"	2'-0 @	8'-0	210.5#
5	③	E	W12"X26.0	26.0 LBS	1" @ @ 90#-FT.	7"	1'-4 1/4"	1 1/4"	4"	1 1/2"	1 1/2"	3/8"	5/16"	17/32"	3"	7'-0	3"	2'-0 @	8'-6	293.0# ③

① ⑥ ①

STRUCTURAL CARBON STEEL PAY WTS. (1 POST) = K+ (POST LENGTH X POST WT.)
" K " INCLUDES STUB, BASE PLATES, STIFFS., BOLTS, AND WASHERS.

BOLTING PROCEDURE - BASE CONNECTION

1. ASSEMBLE SIGN POST TO STUB POST WITH BOLTS AND ONE OF THE FLAT WASHERS ON EACH BOLT BETW. PLATES.
2. SHIM AS REQ'D. TO PLUMB POST.
3. PRIOR TO BOLT TIGHTENING LUBRICATE BASE CONNECTION BOLTS WITH BEESWAX OR OTHER HIGH-WAX LUBRICANT.
4. TIGHTEN ALL BOLTS THE MAXIMUM POSSIBLE WITH 12" OR 15" WRENCH TO BED WASHERS & SHIMS AND TO CLEAN BOLT THREADS, THEN LOOSEN EACH BOLT IN TURN AND RETIGHTEN IN A SYSTEMATIC ORDER TO THE PRESCRIBED TORQUE. (SEE TABLE)
5. BURR THREADS AT JUNCTION WITH NUT USING A CENTER PUNCH TO PREVENT NUT LOOSENING.

NOTE:
TIGHTEN THE HIGH STRENGTH BOLTS TO THE TORQUE SHOWN. DO NOT OVERTIGHTEN.

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

DATE 8/22/17 PLATE NO. A3-1.17

NO.	DATE	REVISION
⑩	1-21-14	LUBRICATION OF BASE BOLTS
⑨	4-26-11	REMOVE NON-GALVANIZED
⑧	10-30-96	NOT GALVANIZED/GALVANIZED
⑦	10-30-92	QUANT., A588 EXCEPT., ADD SLOT VIEW
⑥	8-24-87	BASE CONN. WELD
⑤	10-13-81	BASE CONN. WELD & FUSE & WASHERS
④	10-19-79	POST A & B, A572 GR. 50, & K
②	11-28-78	"K" ③ 4-23-79 TYPE "E"
①	5-4-78	T_1 . T_2 & W_1

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

TYPE A, B, C, D, & E

CONST. SPEC. 2011	DRAWN BY JPH	PLANS CK'D.

FTG. & SIGN SUPPORT DETAILS GROUND MOUNT BREAK-AWAY SIGNS

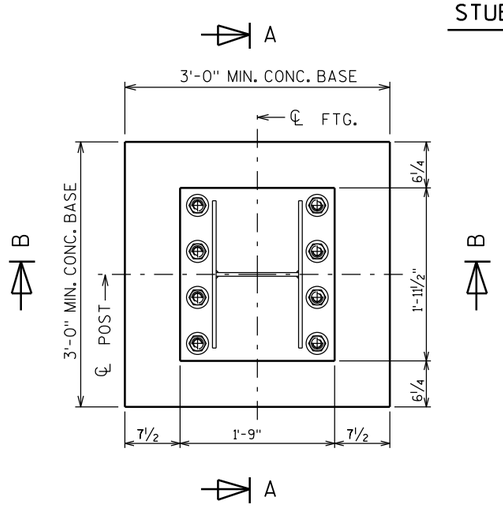
SHEET

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 223 E

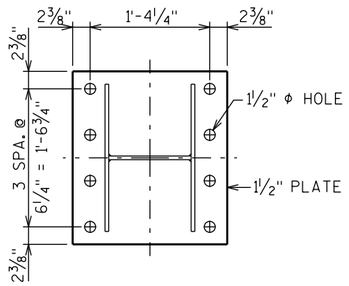
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WISDOT/CADDS SHEET 42

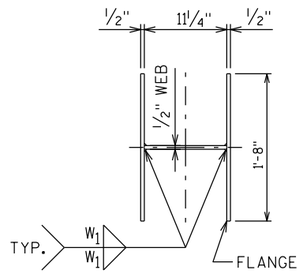
STUB AND MASONRY ANCHOR DETAILS



STUB SECTION



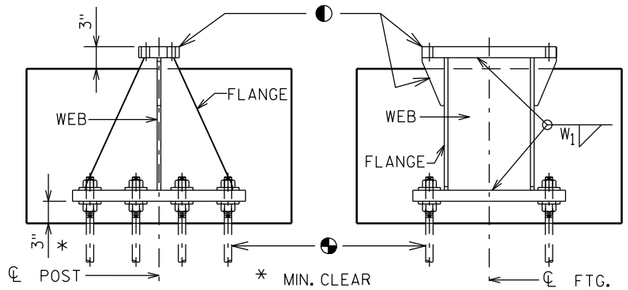
BASE PLATE



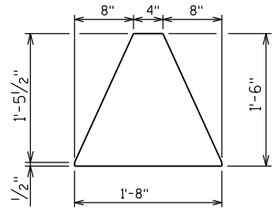
STUB

◐ SEE PLATE NO. A3-1 FOR DETAILS

◒ MASONRY ANCHORS TYPE S 1¼-INCHES (ADHESIVE). ALLOWABLE PULL OUT CAPACITY 14,995 KIPS. EMBED 1'-3" IN ROCK.



SECTION A SECTION B



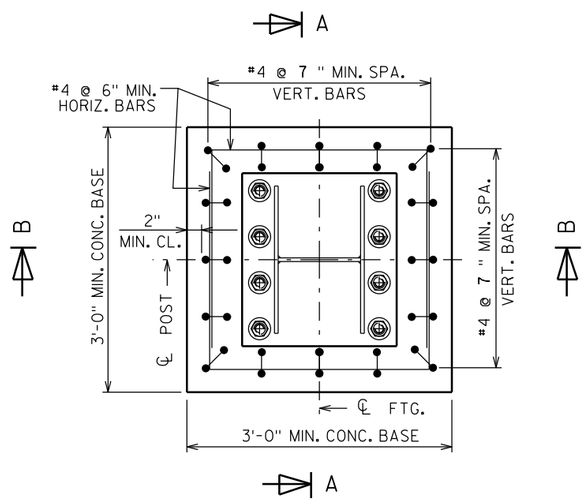
FLANGE

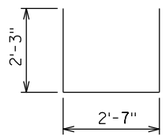
GENERAL NOTES

1. Quantities per Base:
   - REINFORCING BAR STEEL = 62 LBS
   - CONCRETE = 0.6 C.Y.
   - STEEL WEIGHT = 335 LBS
2. All materials, except anchor rod, nuts and washers, are to be A.S.T.M. A709 grade 50. All materials to be galvanized after fabrication.
3. If the contractor encounters rock before reaching the footing depth, per the A3-1 Sign Detail, determine the pull-out capacity of a test adhesive anchor installed in the rock. If the test result equals or exceeds the pull-out capacity of 14,995 KIPS, the contractor may install the breakaway stub for rock, according to this detail.

CONCRETE BASE AND REINFORCING STEEL DETAILS

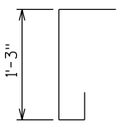
CONCRETE BASE SECTION





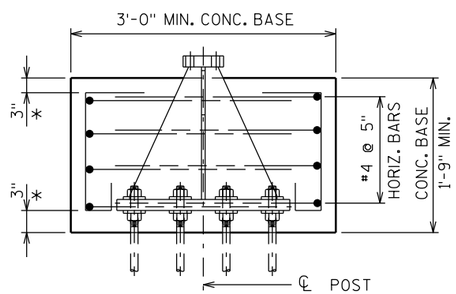
HORIZONTAL BAR

8 BARS @ 6'-11" LENGTH



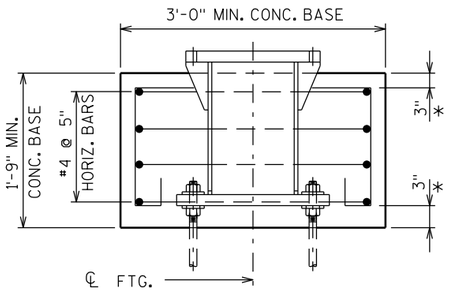
VERTICAL BARS

16 BARS @ 2'-4" LENGTH
MAY BE PLACED IN SKEW
FOR CLEARANCE NEED



SECTION A

* MIN. CLEAR



SECTION B

ALTERNATE BREAK-AWAY BASE ON ROCK A3-1M

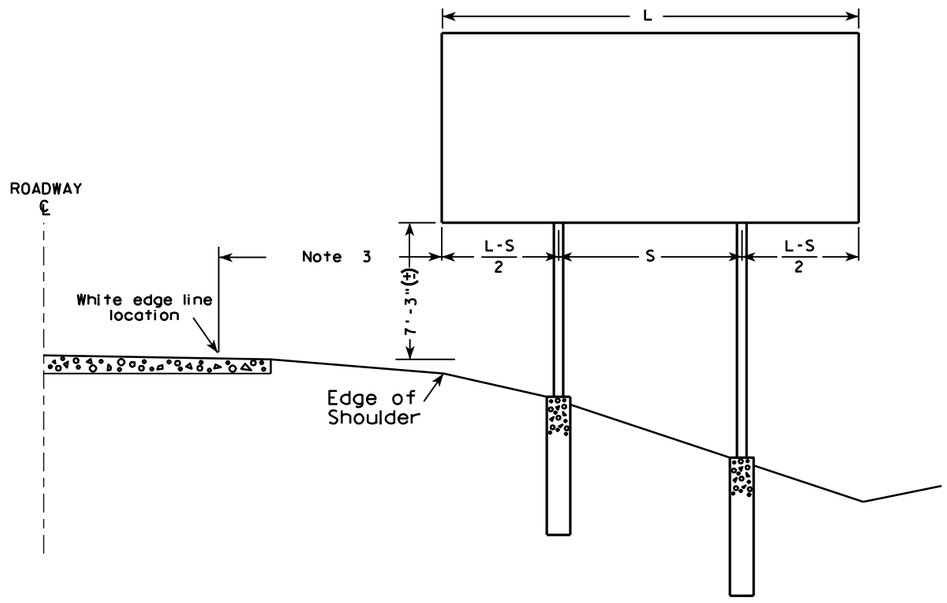
WISCONSIN DEPT OF TRANSPORTATION

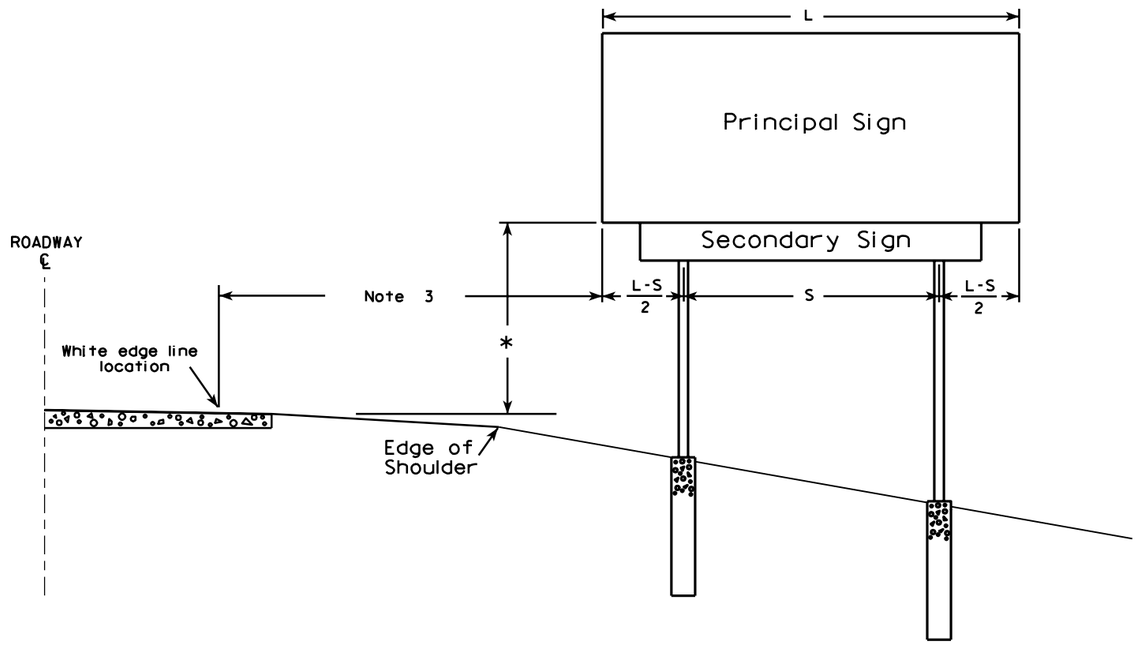
APPROVED Matthew R Rauch for State Traffic Engineer

DATE 2/06/2014 PLATE A3-1M.1

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A31M.DGN PLOT DATE : 10-MAR-2014 15:16 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 1.556674:1.000000 WISDOT/CADDS SHEET 42





GENERAL NOTES

1. For a 2 post installation, S equals 3L/5, but shall not be less than 9 ft.
2. For a 3 post installation, S equals 5L/7, but shall not be less than 18 ft., and the space between any two posts shall not be less than 9 ft.
3. Unless noted in the plan, the sign offset distance shall be a minimum of 17'-6", desirable 30'-0".
4. The (±) tolerance shown on this sheet is 3 in.
5. The vertical sign height clearance detailed is measured from the bottom of the sign to the near edge of pavement.
6. Post lengths shown in the miscellaneous quantities are estimated lengths. The contractor shall verify post lengths at the time of final grading.
7. Refer to the Traffic Guidelines Manual for further guidance on minimum vertical clearance requirements.

* Clearance is 8'-3"(±) when the secondary sign is 3 ft. or less in height. For secondary signs larger than 3 ft., the clearance to the bottom of the secondary sign shall be 5'-3"(±).

7

7

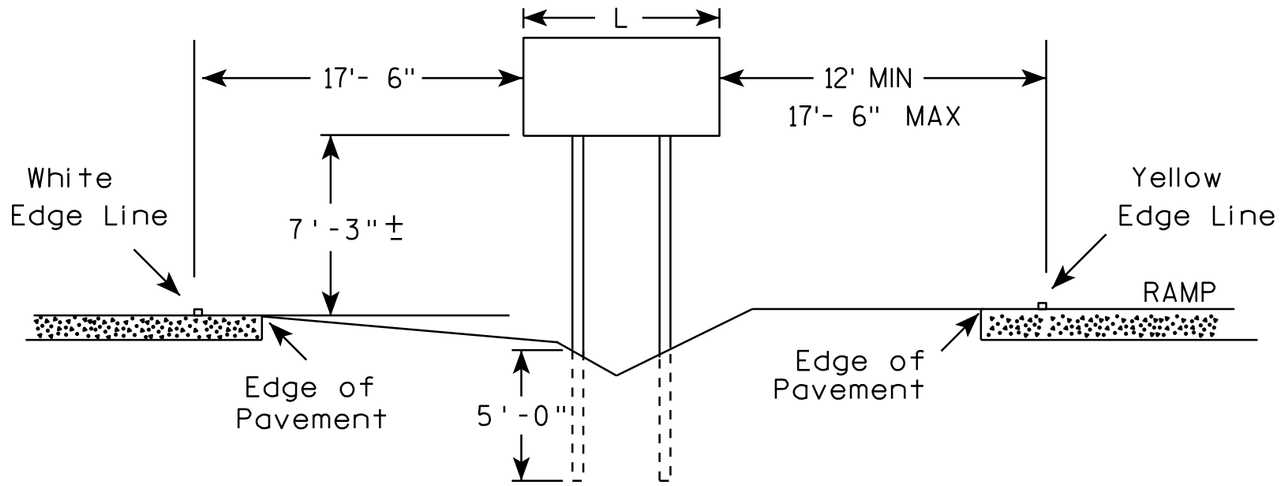
TYPICAL INSTALLATION
OF TYPE I SIGNS

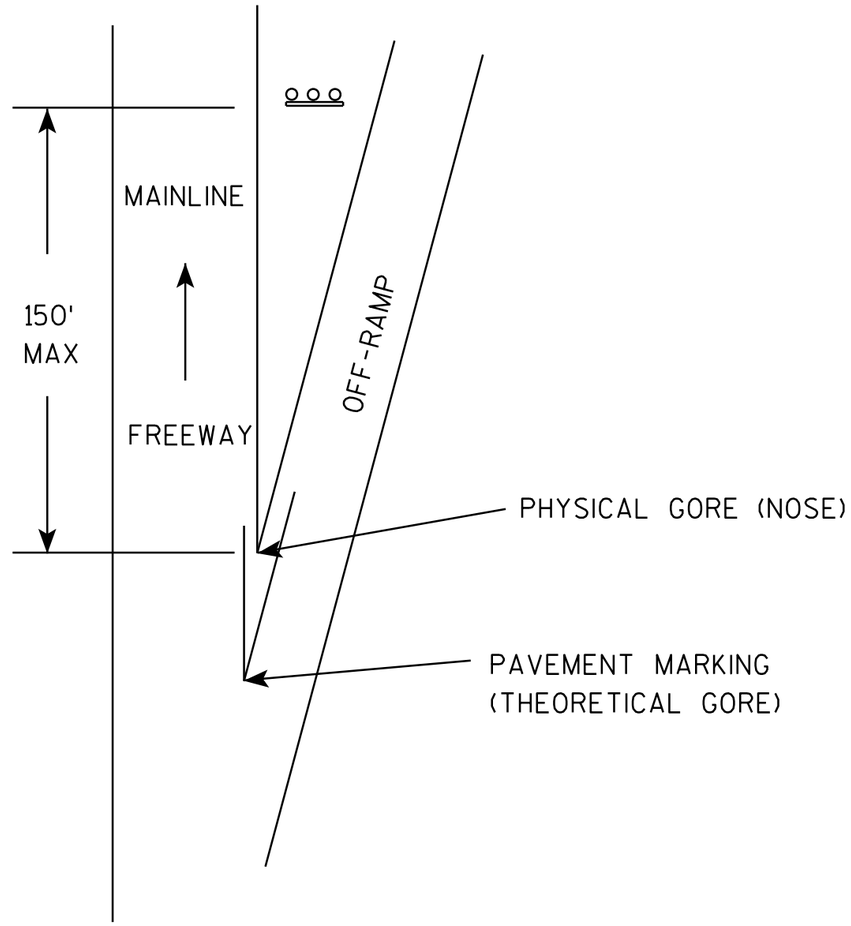
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/02/08 PLATE NO. A4-1.9

PROJECT NO:				SHEET NO: 225	E





GENERAL NOTES

1. The 150 foot distance from the physical gore (where pavement ends) will normally provide the offsets as shown.
2. If roadway geometrics permit, the sign may be closer than the 150 foot distance as long as the offsets are maintained.
3. At no time shall the location be greater than 150 feet. If the normal offsets cannot be maintained, they can be reduced to 6 feet from the edge of the paved shoulder (both freeway and ramp).
4. The offset from edge of sign to the yellow edge line on the ramp is shown as a minimum of 12 feet and a maximum of 17 feet, 6 inches. Preference is adhering to the maximum rather than the minimum dimension.
5. When L is equal to or exceeds 10 feet, use 3 posts as per A4-4.
6. The (∓) tolerance for the mounting height is 3 inches.

TYPICAL INSTALLATION
OF TYPE II SIGNS ON
WOOD POSTS IN GORE

WISCONSIN DEPT OF TRANSPORTATION

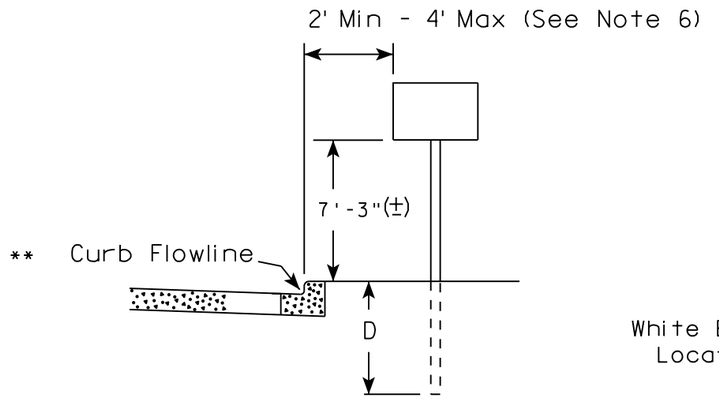
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/06/14 PLA... A4-2.3

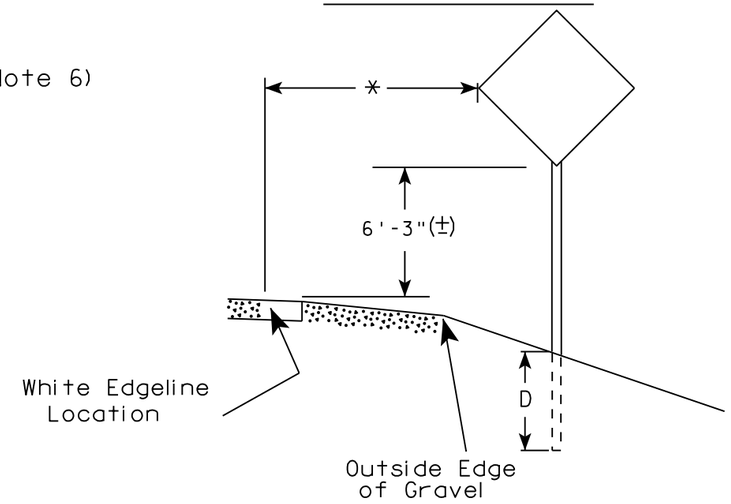
PROJECT NO: | SHEET NO: E

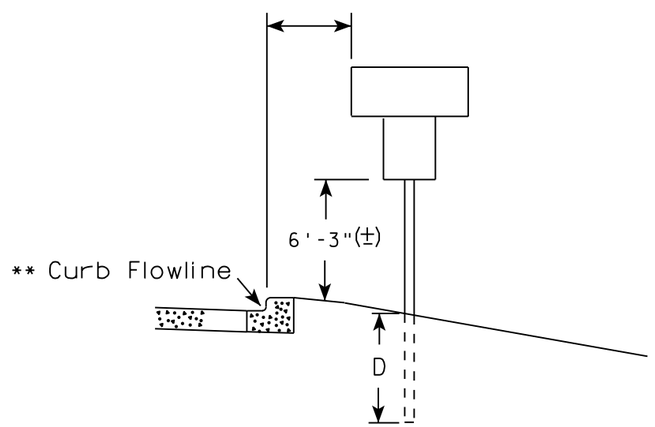
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WISDOT/CADDS SHEET 42

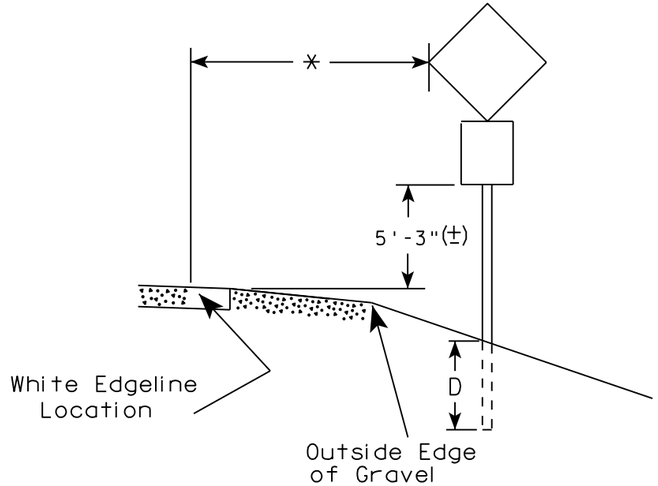
URBAN AREA



RURAL AREA (See Note 2)







** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq.Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

GENERAL NOTES

1. Signs wider than 4 feet or 20 sq.ft or larger, shall be mounted on multiple posts. Refer to plate A4-4.
2. If signs are mounted on barrier wall, see A4-10 sign plate.
3. For expressways and freeways, mounting height is 7'- 3" (±) or 6'-3" (±) depending upon existence of a sub-sign.
4. J-Assemblies are considered to be one sign for mounting height.
5. Minimum mounting height for signs mounted on traffic signal poles is 5'- 3" (±).
6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
7. The (±) tolerance for mounting height is 3 inches.
8. Folding signs shall be mounted at a height of 5'-3" (±) or as directd by the Engineer.
9. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3" (±). The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Enhanced Reference Markers, Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4'-3" (±).

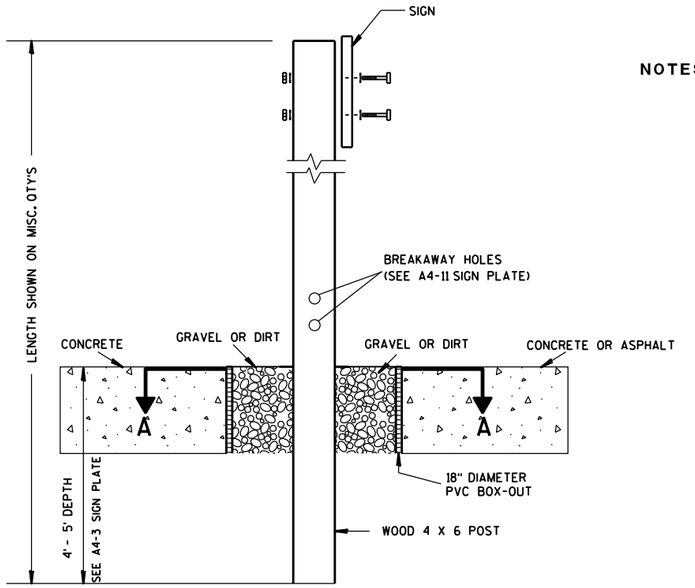
TYPICAL INSTALLATION OF PERMANENT TYPE II SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 8/21/17 PLATE NO. A4-3.21

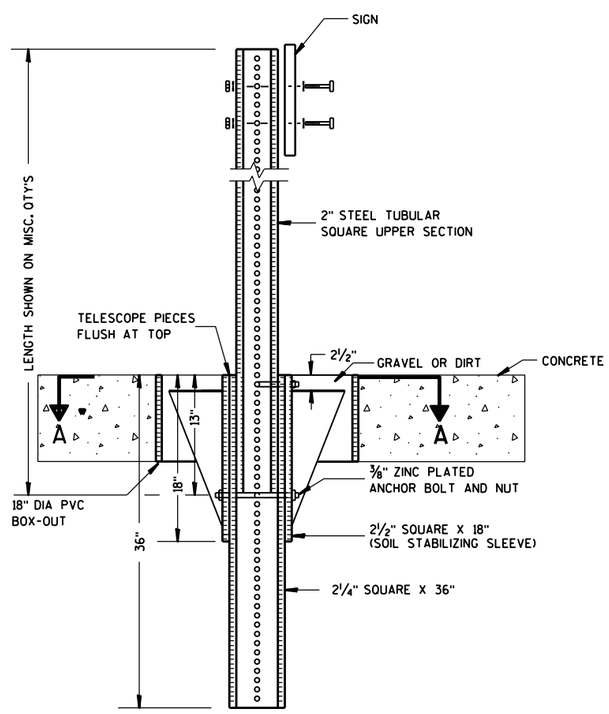
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 227	E



ELEVATION VIEW

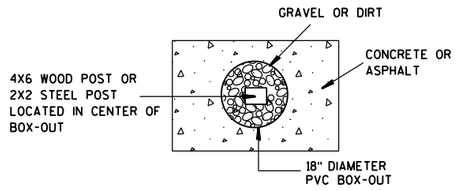
DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT

NOTES:
1. ALL MATERIAL TO BE APPROVED BY ENGINEER PRIOR TO INSTALLATION
2. SEE SIGN PLATE A4-8 FOR SIGN HARDWARE REQUIREMENTS
3. 18 INCH X 18 INCH SQUARE BOX-OUTS MAY BE USED FOR INSTALLATIONS IN EXISTING CONCRETE OR ASPHALT LOCATIONS.



ELEVATION VIEW

DETAIL OF STEEL 2 X 2 SIGN POST IN BOX-OUT



PLAN VIEW

FOR NEW CONCRETE/ASPHALT INSTALLATIONS

SIGN POST BOX-OUTS A4-3B

WISCONSIN DEPT OF TRANSPORTATION

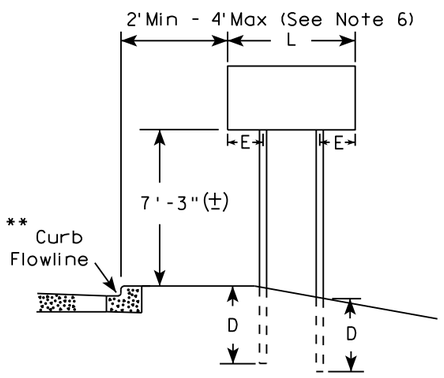
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/27/14 PLATE NO. A4-3B.1

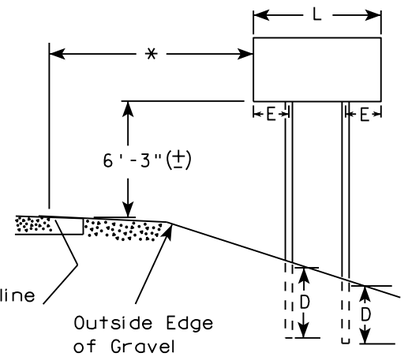
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

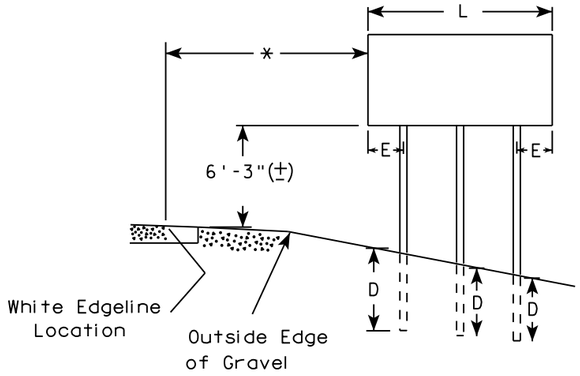
FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A43B.DGN PLOT DATE : 27-JAN-2014 09:48 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 13.659812:1.000000 WISDOT/CADDS SHEET 42

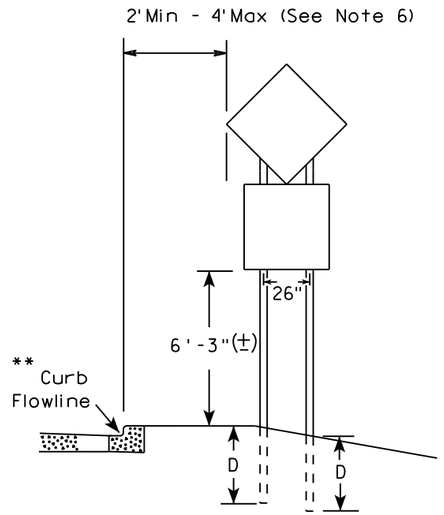
URBAN AREA



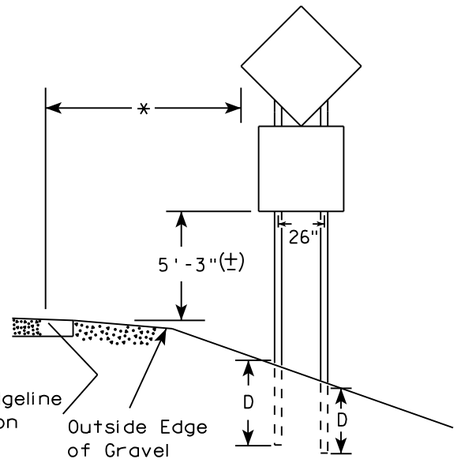
RURAL AREA (See Note 3)







48" DIAMOND WARNING SIGN



48" DIAMOND WARNING SIGN

***	SIGN SHAPE OTHER THAN DIAMOND (TWO POSTS REQUIRED)	
	L	E
	Greater than 48" Less than 60"	12"
	60" to 108"	L/5

SIGN SHAPE OTHER THAN DIAMOND (THREE POSTS REQUIRED)	
L	E
Greater than 108" to 144"	12"

GENERAL NOTES

1. For 3 or 4 post installations, individual post spacing shall be greater than 3'-6".
2. See tables below for required number of posts.
3. For expressways and freeways, mounting height is 7'-3" (±) or 6'-3" (±) depending upon existence of sub-sign.
4. The (±) tolerance for mounting height is 3 inches.
5. J-Assemblies are considered to be one sign for mounting height.
6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
7. Folding signs shall be mounted at a height of 5'-3" (±) or as directed by the engineer.
8. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3" (±). The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4"-3" (±).

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

*** See A4-3 sign plate for signs 4' or less in width and less than 20 S.F. in area.

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS

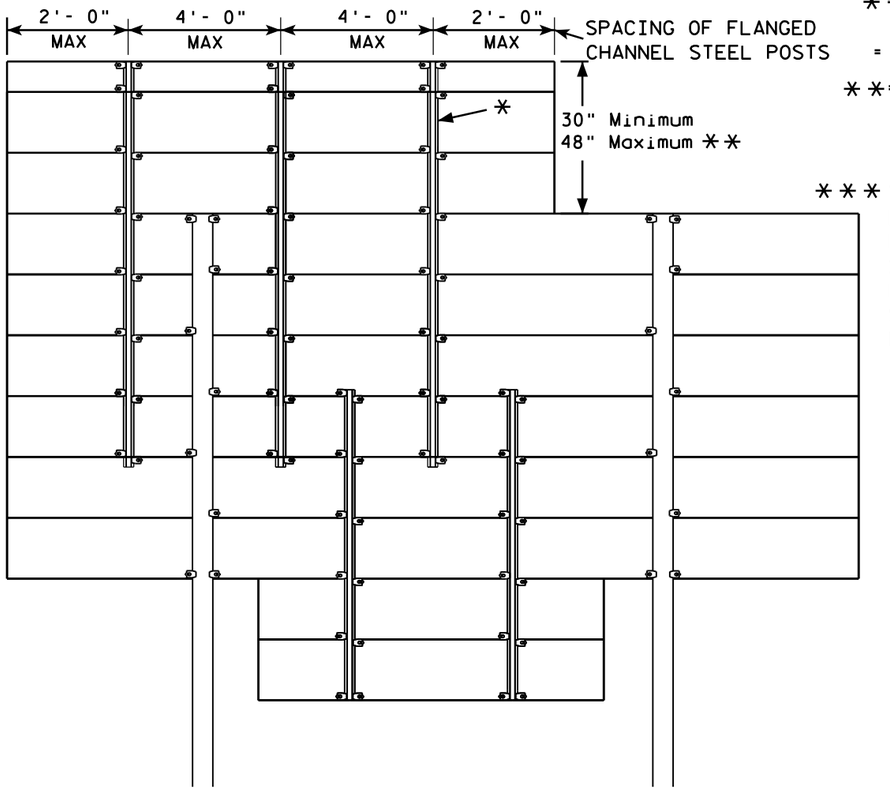
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 8/21/17 PLATE NO. A4-4.15

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 229	E

GROUND MOUNTED SIGN

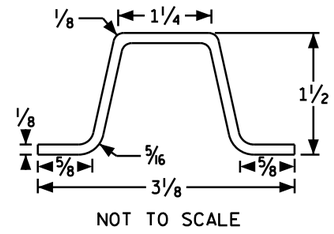


*=2.00 lb/ft FLANGED CHANNEL, MIN. YIELD STRENGTH = 60,000 PSI (GRADE 60) GALVANIZED

**=FOR 48" HEIGHT PANELS ON OVERHEAD STRUCTURES, ENTIRE SIGN SHALL BE CENTERED VERTICALLY ABOUT THE DEPTH OF THE TRUSS.

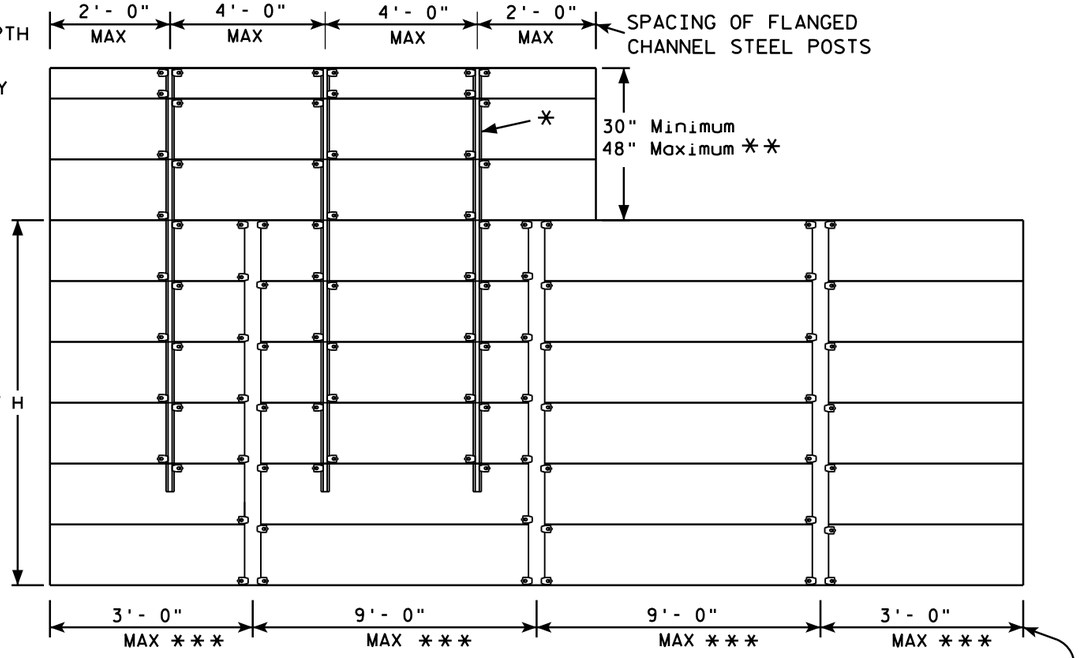
*** THESE SPACING DISTANCES SHALL ONLY BE USED WHEN THE MAIN SIGN HAS A MAXIMUM HEIGHT (DIMENSION H) OF 16 FT OR LESS. FOR SIGNS WITH A HEIGHT OF GREATER THAN 16 FT, STRUCTURAL CALCULATIONS SHALL BE PERFORMED.

FLANGE CHANNEL DETAIL



NOT TO SCALE

SIGN BRIDGE MOUNTED SIGN



GENERAL NOTES

1. Flanged channel steel posts shall conform to size and material above, and shall be considered as incidental to other items in the contract.

2. Number of Flanged channel steel supports varies with length of panel and shall be spaced as shown:

   PANEL LENGTH 8'-0" OR LESS = 2 CHANNELS
   PANEL LENGTH 9'- 0" - 12'- 0" = 3 CHANNELS
   PANEL LENGTH 13'- 0" OR MORE = 4 CHANNELS

   If the flanged channel steel posts can not be horizontally spaced as shown, they can be moved so as to securely hold the sign.

3. The EXIT NUMBER PANEL shall normally be positioned above the guide sign aligned with the right edge of the guide sign. If the guide sign indicates a left exit, the EXIT NUMBER PANEL shall be aligned with the left edge of the guide sign.

4. If the bolt holes in the top panel (EXIT NUMBER), or sub panel (NEXT EXIT) line up with holes in main sign panel, stitch bolts shall be used in addition to the channels.

5. Provide post clips for each sign as shown. (Please note the differences between a ground mounted versus Sign bridge mounted sign as far as number of clips required on the main supports or beams)

6. Structural steel sign supports shall extend to the top of the main signs, as shown on the above details.

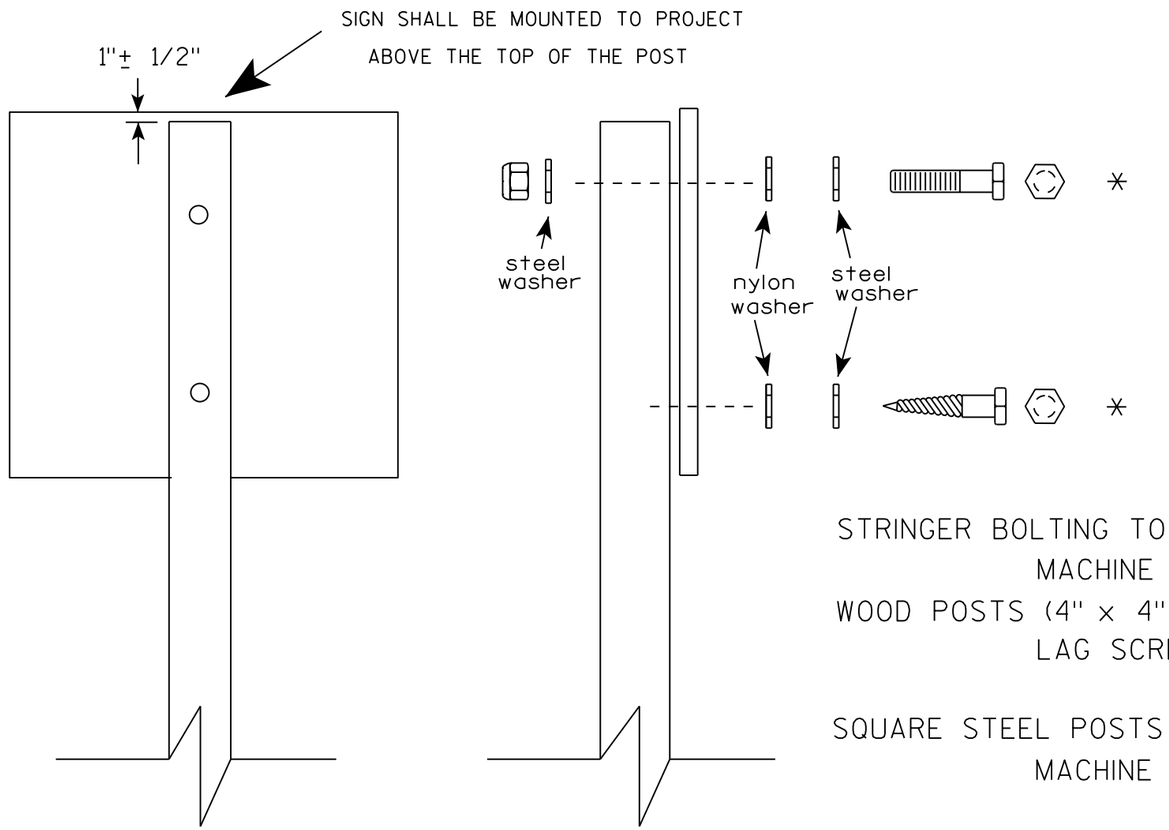
ATTACHMENT OF GUIDE SIGNS TO SUPPORTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/05/13 PLAT 230 A4-6.12

PROJECT NO: | SHEET NO: E



Nuts, bolts and lags used for mounting signs shall have hexagonal heads and shall be either :

a. Hot dip galvanized in accordance with ASTM Designation: A 153, Class D, or SC 3
b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3.

Threads on bolts and nuts shall be manufactured with sufficient allowance for the cadmium plate or galvanized coating to permit the nuts to run freely on the bolts.

STRINGER BOLTING TO ALUMINUM SIGNS (SEE SIGN PLATE A4-18)

MACHINE BOLTS - 5/16" X 1-3/4" Length w/ lock nuts

WOOD POSTS (4" x 4" or 4" x 6")

LAG SCREWS - 3/8" X 3" (NO STRINGERS ON BACK OF SIGN)
3/8" X 4" (STRINGERS ON BACK OF SIGN)

SQUARE STEEL POSTS (2" x 2")

MACHINE BOLTS - 3/8" X 3-1/4" Length w/ nuts (NO STRINGER ON BACK OF SIGN)
3/8" X 5" Length w/ nuts (STRINGERS ON BACK OF SIGN)

RIVETS - 9/32 " (6605-9-6) BULB-TITE, TRI-FOLD, ALUMINUM BODY/MANDREL
O.D. FLANGE .720-.765 INCH, GRIP RANGE .042-.375 INCH

WASHERS (ALL POSTS) -

1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
1-1/4" O.D. X 3/8" I.D. X .080 NYLON

* Two different fastening systems are shown for illustration purposes. On any individual sign, either one or the other system shall be used. Actual number of fasteners per sign varies with the sign area, but normally there are two. For a single post installation, all signs greater than 9 sq. ft. require the use of 3 fasteners.

ATTACHMENT OF SIGNS TO POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 8/11/16 PLATE NO. A4-8.8

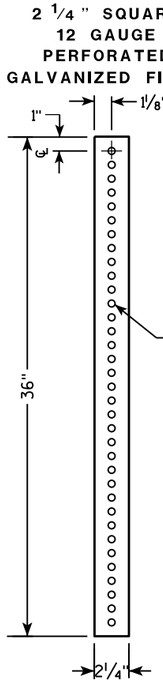
PROJECT NO:

SHEET NO: E

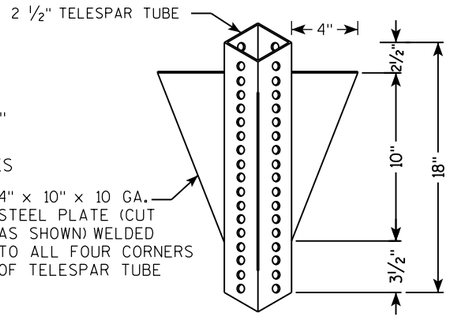
FILE NAME : C:\CADfiles\Projects\tr_stdplate\A48.DGN PLOT DATE : 11-AUG-2016 11:35 PLOT BY : $$ plotuser $$

TELESCOPIC TUBING ANCHORS
TWO PIECE SYSTEM

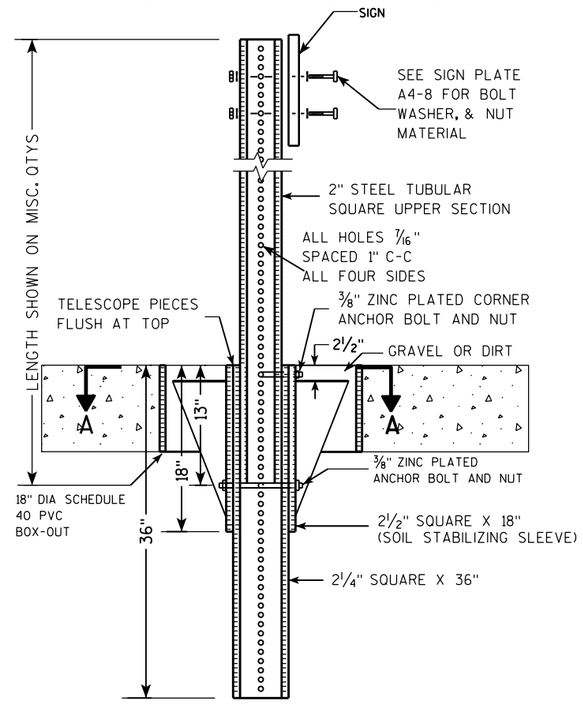
2 1/4 " SQUARE
12 GAUGE
PERFORATED
GALVANIZED FINISH



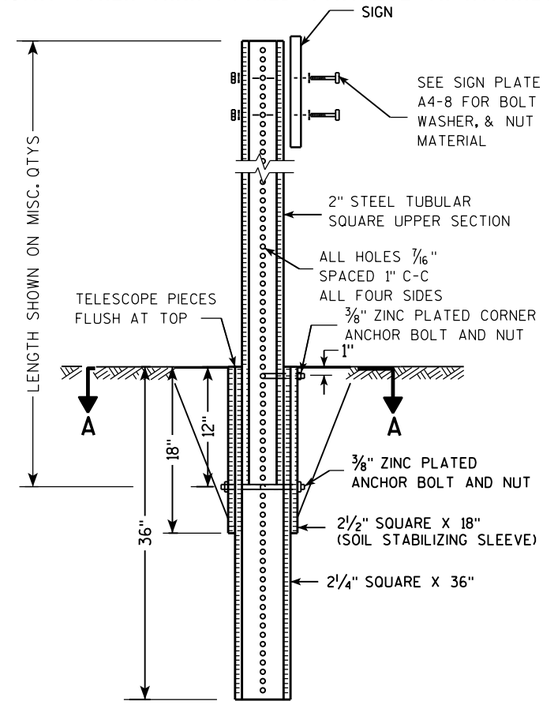
2 1/2 " SQUARE
12 GAUGE
OMNI-DIRECTIONAL
PERFORATED
SOIL STABILIZING SLEEVE
GALVANIZED FINISH

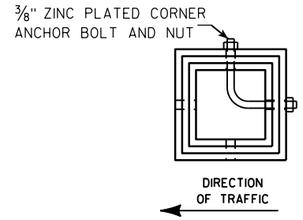


DETAIL OF TUBULAR STEEL SIGN POST
(IN POURED CONCRETE OR ASPHALT)



DETAIL OF TUBULAR STEEL SIGN POST
(IN LOCATIONS OTHER THAN POURED CONCRETE OR ASPHALT)





SECTION A-A

Area of Sign Installation (Sq. Ft.)	Number of Required Posts
9 or less	1
Greater than 9 less than or equal to 18	2
Greater than 18 less than or equal to 27	3

Signs wider than 3 feet or larger than 9 sq. ft shall be mounted on multiple posts (see above table).

TUBULAR STEEL
SIGN POST
A4-9

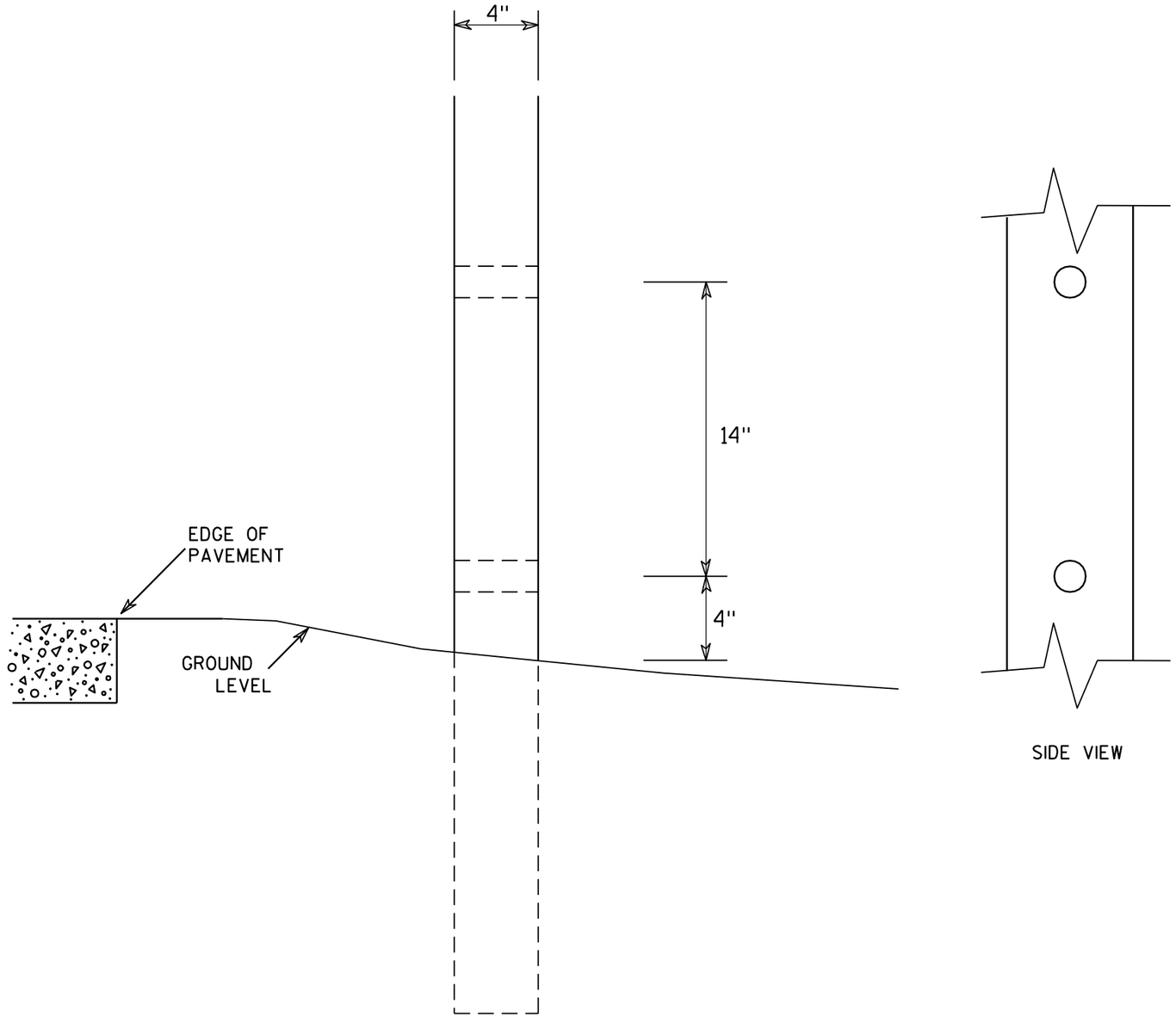
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/05/15 PLATE A4-9.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A49.DGN PLOT DATE : 05-FEB-2015 17:09 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 13.659812:1.000000 WISDOT/CADDS SHEET 42



SIDE VIEW

GENERAL NOTES

1. All 4 x 6 Wood Posts shall be modified by having two 1½" diameter holes drilled perpendicular to the roadway centerline.

7

7

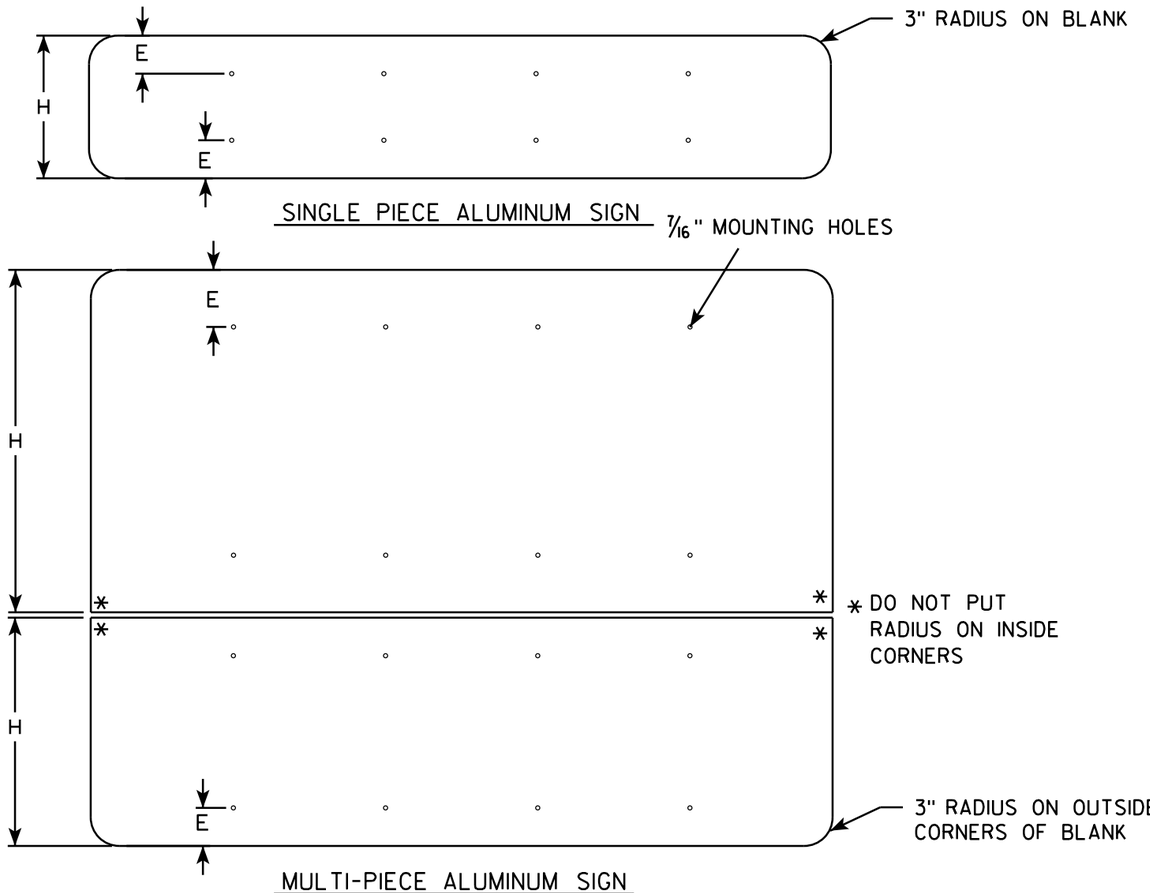
4 X 6 WOOD POST MODIFICATIONS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spang for State Traffic Engineer

DATE 3/27/97 PLATE NO. A4-11.2

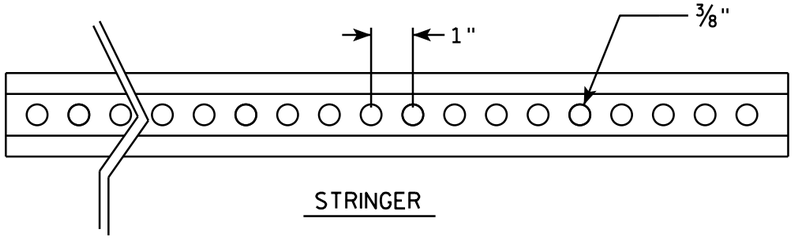
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 233	E



GENERAL NOTES

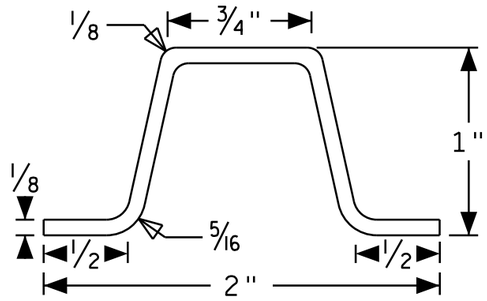
- ALL SIGNS OVER 60" IN WIDTH SHALL HAVE A 3" RADIUS ON THE OUTSIDE CORNERS OF THE ALUMINUM BLANK.
- MOUNTING HOLES SHALL BE 7/16" DIAMETER.
- SEE CHART FOR HOLE SPACING REQUIREMENTS
- FOR SIGN PANELS WITH DIMENSION (H) 36" AND OVER, DIMENSION E SHALL BE 6"
- FOR SIGN PANELS WITH DIMENSION (H) UNDER 36", DIMENSION E SHALL BE 4"
- SIGN STRINGER MATERIAL SHALL CONSIST OF STEEL CHANNEL POST SECTIONS, WEIGHING 1.12 LBS/FT IN ACCORDANCE WITH SECTION 633.2.1 OF THE STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION.
- SEE SIGN PLATE A4-8 FOR SIGN STRINGER BOLTING REQUIREMENTS.

SIGN WIDTH	STRINGER WIDTH	POSTS	HOLE SPACING	MOUNTING HOLES
78"	72"	2	16"	15" 31" 47" 63"
84"	72"	2	17"	16½" 33½" 50½" 67½"
90"	72"	2	18"	18" 36" 54" 72"
96"	90"	2	19"	19½" 38½" 57½" 76½"
102"	90"	2	20"	21" 41" 61" 81"
108"	90"	2	21"	22½" 43½" 64½" 85½"
114"	108"	3	15"	12" 27" 42" 57" 72" 87" 102"
120"	108"	3	16"	12" 28" 44" 60" 76" 92" 108"
126"	108"	3	17"	12" 29" 46" 63" 80" 97" 114"
132"	126"	3	18"	12" 30" 48" 66" 84" 102" 120"
138"	126"	3	19"	12" 31" 50" 69" 88" 107" 126"
144"	126"	3	20"	12" 32" 52" 72" 92" 112" 132"

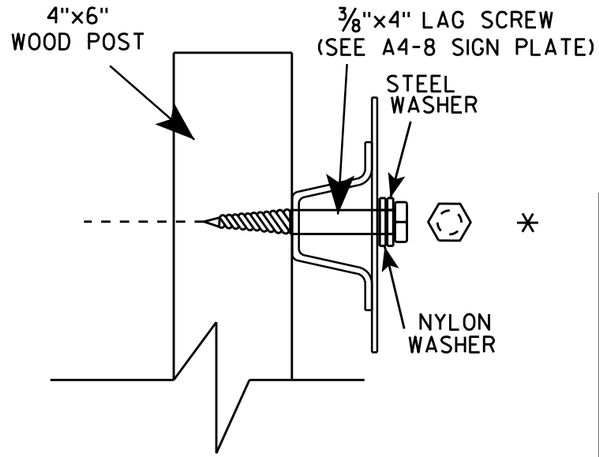


STRINGER

CROSS SECTION VIEW OF CHANNEL



POST MOUNTING



SIGN STRINGER MOUNTING REQUIREMENTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch

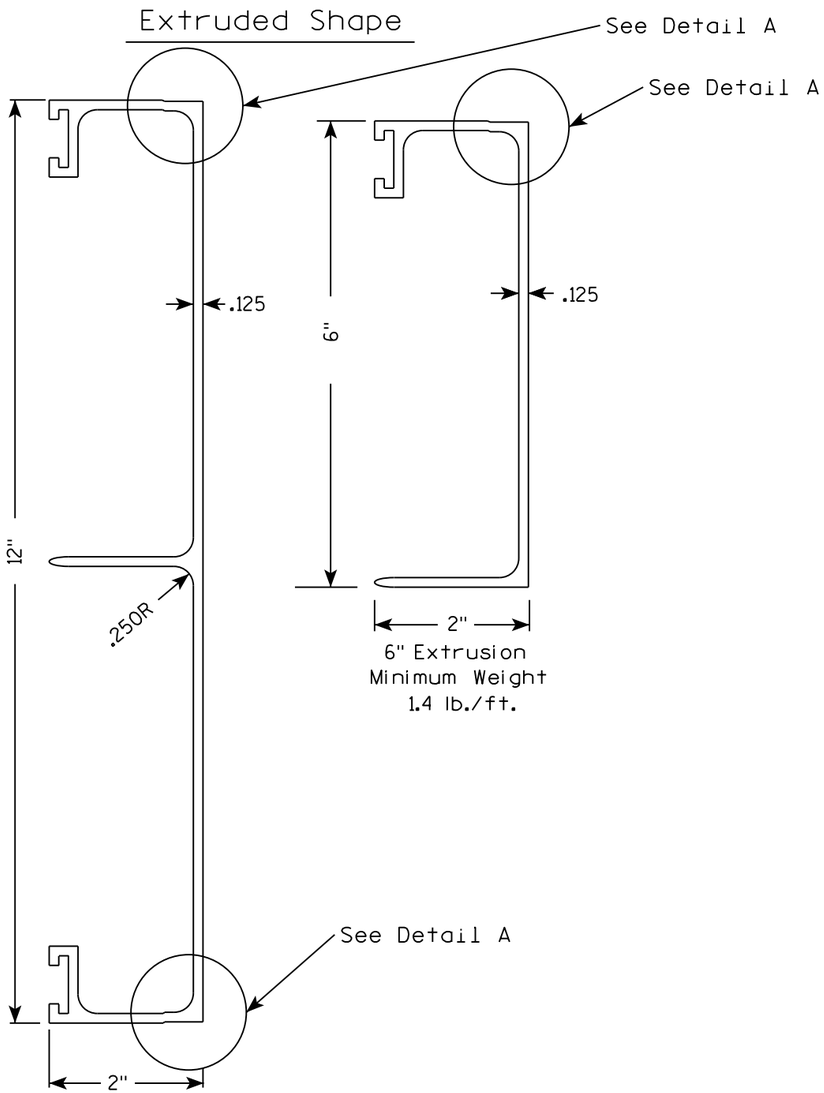
for State Traffic Engineer

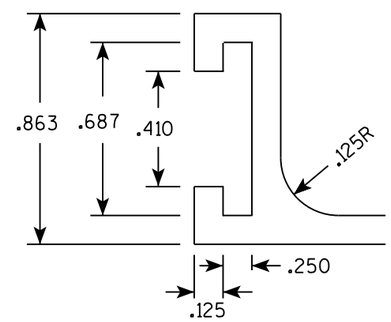
DATE 4/26/16 PLATE NO A4-18.1

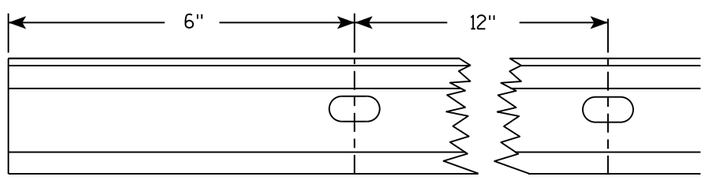
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A418.dgn PLOT DATE : 27-APR-2016 13:56 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 41.805205:1.000000 WISDOT/CADDS SHEET 42

Extruded Shape







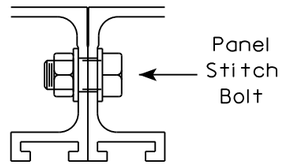
Punch 7/16" x 7/8" oval holes beginning 6" in from end of extrusion 12" CC on both edges of 6" and 12" panels.

Hardware

STITCH BOLT, WASHER & NUT

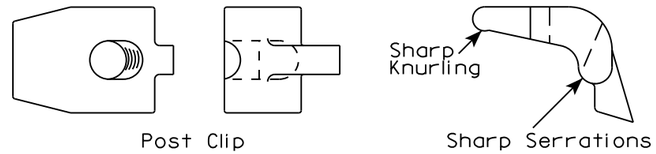
The hardware includes:

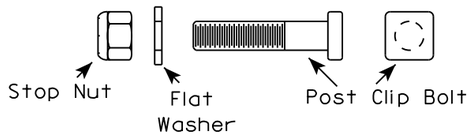
3/8 " - 16 X 3/4 " Economy Bolt 2024-T4 alloy
3/8 " - Stainless steel stop nut
3/8" X .064 Flat Washers, Alclad 2024-T4 alloy



POST CLIP, POST CLIP BOLT, WASHER & NUT

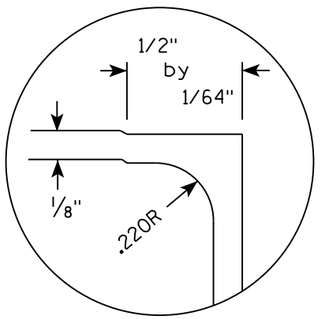
Post Clip shall be Alum. Alloy 356-T6
Post Clip Bolt shall be Stainless Steel.
Flat washer shall be 3/8" X .091, Stainless Steel.
Stop nut shall be stainless steel.





NOTES

1. The contractor may select any brand of extrusion that conforms to the illustrations or meets with the approval of the engineer, but all extrusions used on this contract shall be of the same brand.
2. Panel Stitch Bolts shall be used to assemble adjacent panels. Maximum stitch bolt spacing shall be 24" C-C, and a minimum of 4 bolts shall be used to connect any two extrusions.
3. Post Clips shall be used to attach the sign panel to the sign support.
4. Edge wrapping of sign sheeting required on all extrusions joints shown in Detail A.



DETAIL A (EDGE WRAP JOINT)

ALUMINUM EXTRUSIONS FOR TYPE I SIGNS

WISCONSIN DEPT OF TRANSPORTATION

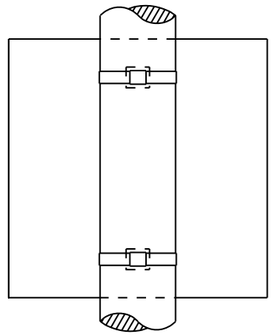
APPROVED Matthew R Rauch
for State Traffic Engineer

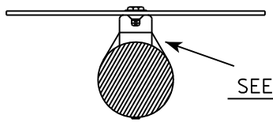
DATE 11/30/16 PLATE NO. A5-2.10

PROJECT NO:				SHEET NO: 235	E

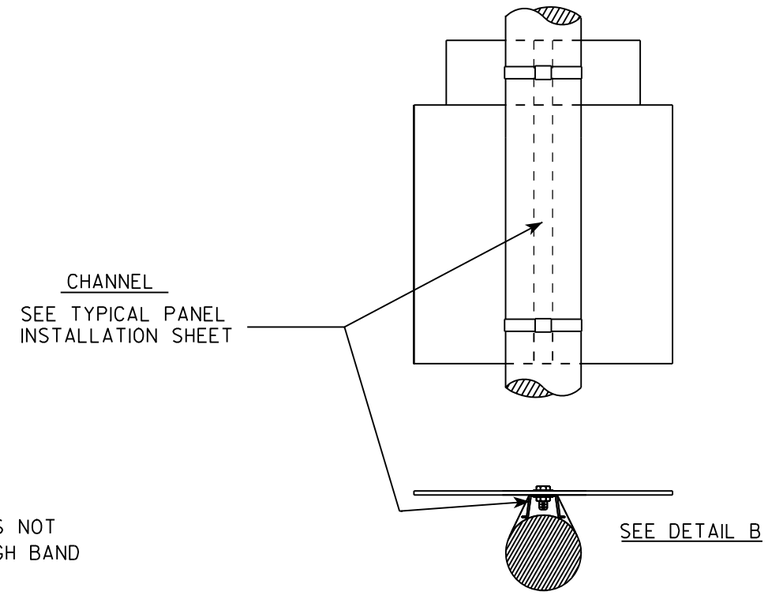
BANDING

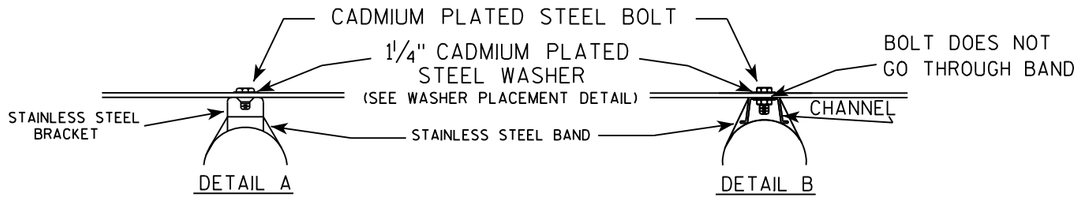
SINGLE SIGN



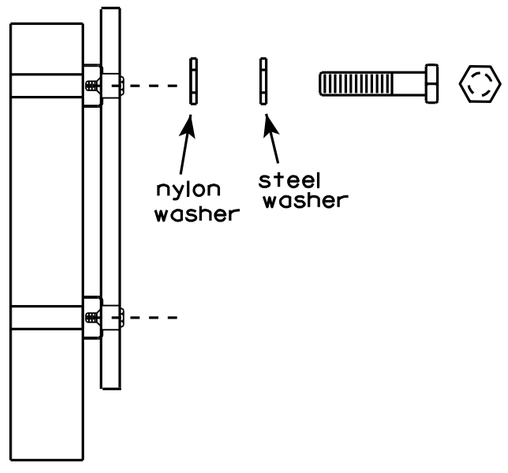


"J" ASSEMBLY





WASHER PLACEMENT



WASHERS (ALL POSTS) -
1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
1-1/4" O.D. X 3/8" I.D. X .080 NYLON
FOR ALL TYPE H SIGNS

GENERAL NOTES

1. Any sign over 3 feet in width shall use the V-Block banding method. See A5-10 standard plate.
2. Signs 3 feet or greater in height shall have three bracket bands installed. Signs less than 3 feet in height shall have two bracket bands installed.
3. Banding and assembly bracket shall be stainless steel. All bands shall be 3/4" in width and 0.025" thickness.

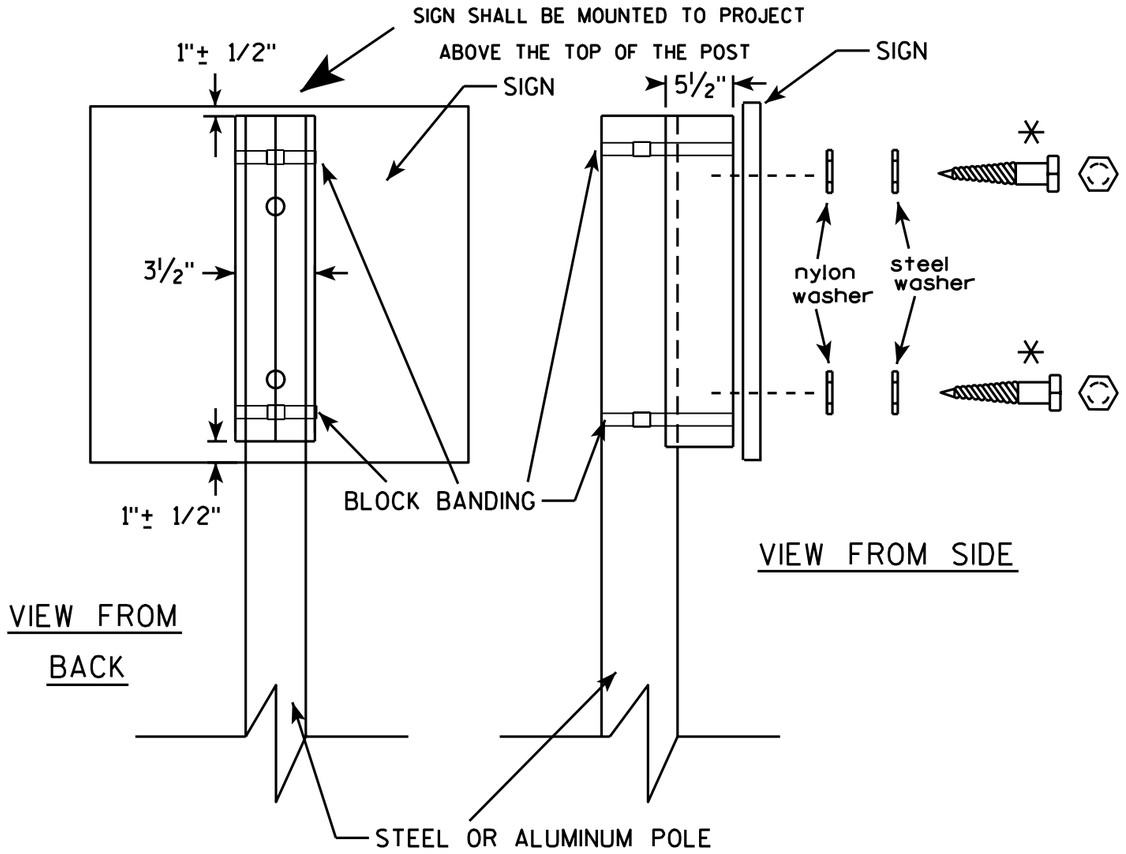
STANDARD SIGN
SIGN BANDING DETAILS

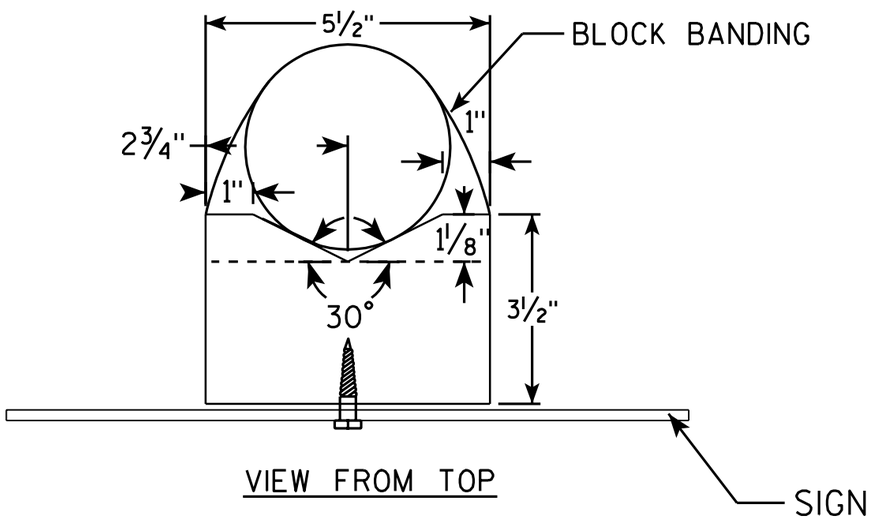
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 8/16/13 PLATE NO. A5-9.3

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 236	E





GENERAL NOTES

1. WOOD 4"X6" POST MATERIAL SHALL CONFORM TO 507.2.2 OF THE WisDOT STANDARD SPECIFICATIONS
2. BLOCK BANDING AND CLIPS SHALL BE STAINLESS STEEL, ¾" WIDTH AND 0.025" THICKNESS
3. SIGNS 3' OR GREATER IN HEIGHT SHALL UTILIZE 3 BLOCK BANDS. SIGNS UNDER 3' IN HEIGHT SHALL UTILIZE 2 BLOCK BANDS
4. ACTUAL NUMBER OF FASTENERS PER SIGN VARIES WITH THE SIGN AREA, BUT NORNALLY THERE ARE TWO. FOR SIGNS GREATER THAN 9 S.F. 3 FASTENERS SHALL BE USED.
5. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
   a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D, or
   b. Cadmium plated in accordance with ASTM Designation : B 766 TYPE 3, Class 12, or
   c. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3.
6. ALL BOLTS SHALL HAVE HEXAGONAL HEADS.
7. STEEL WASHERS SHALL BE 1¼" O.D. X ⅜" I.D. X 1/16"
8. NYLON WASHERS SHALL BE 1¼" O.D. X ⅜" I.D. X .080 FOR TYPE H OR TYPE F FACE SIGN

✳ LAG BOLTS SHALL BE ⅜" X 2½"

BLOCK BANDING DETAIL (V-BLOCK OPTION)

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

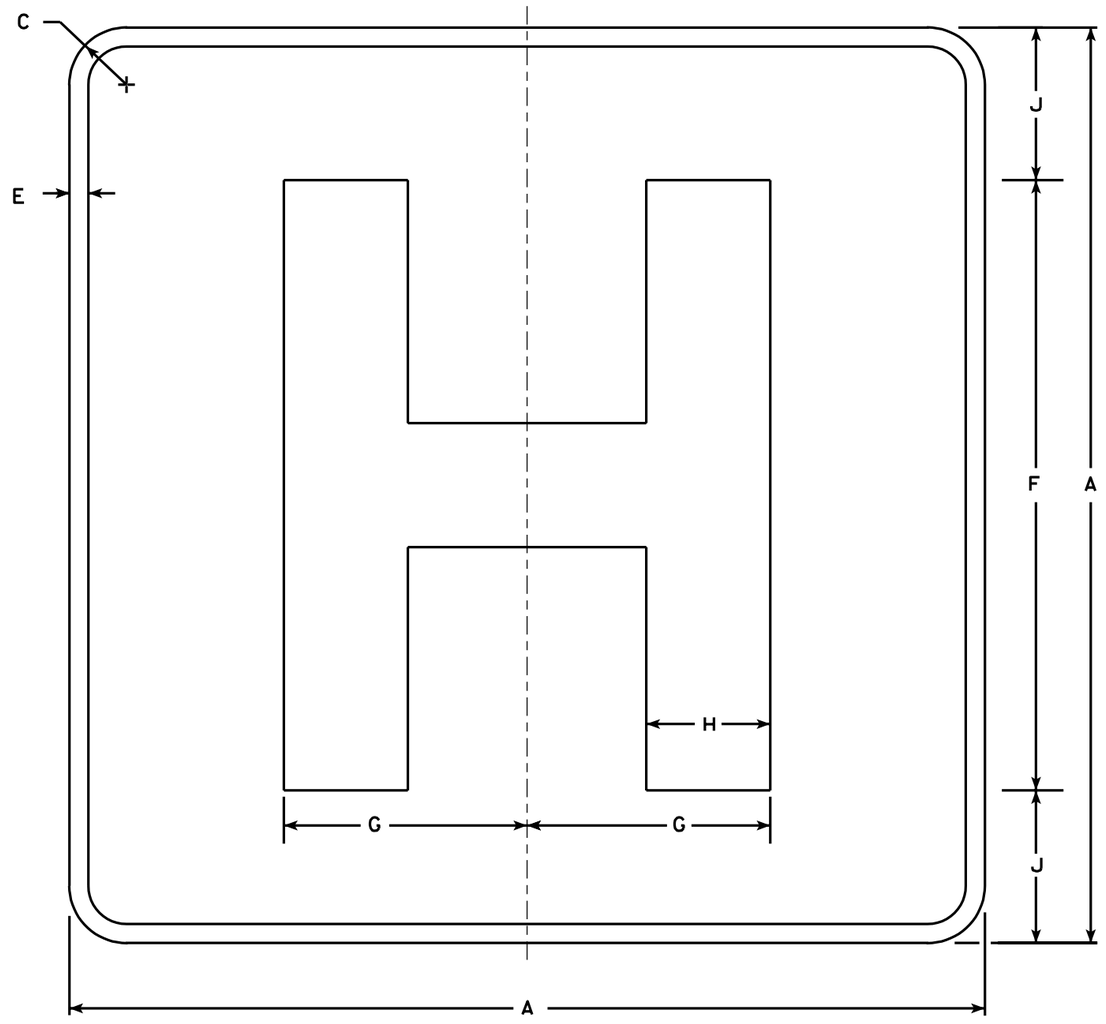
DATE 7/12/07 PLATE NO. A5-10.1

PROJECT NO:

SHEET NO: 237 E

FILE NAME : C:\Users\Projects\tr_stdplate\A510.dgn PLOT DATE : 06-AUG-2007 13:37 PLOT BY : ditjph

WISDOT/CADDS SHEET 42



D9-2

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Blue
   Message - White - Type H Reflective
3. Message Series - E Modified
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

Metric equivalent for this sign is:

SIZE	
1	450 mmX 450 mm
2	600 mmX 600 mm
3	900 mmX 900 mm
4	X
5	X

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18		1 1/8		1/2	12	4 3/4	2 3/8		3																	4.0
2	24		1 1/2		1/2	16	6 3/8	3 1/4		4																	4.0
3	36		2 1/4		3/4	24	9 1/2	4 7/8		6																	9.0
4																											
5																											

STANDARD SIGN
D9-2

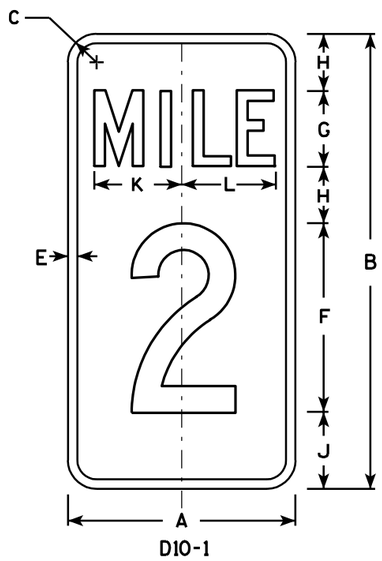
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spong
for State Traffic Engineer

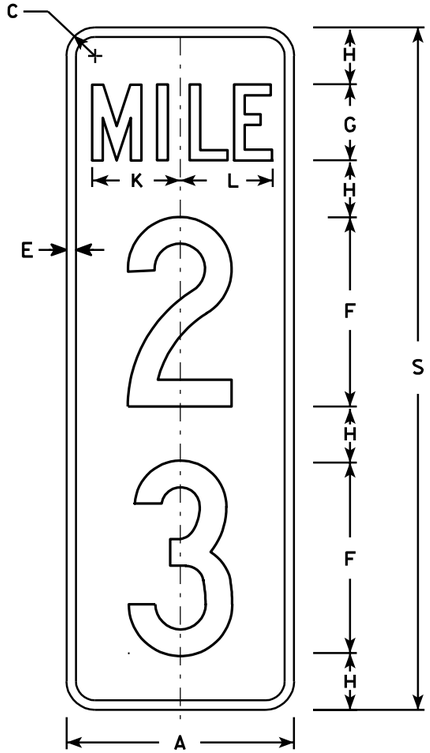
DATE 1/15/02 PLATE NO. D9-2.4

PROJECT NO:

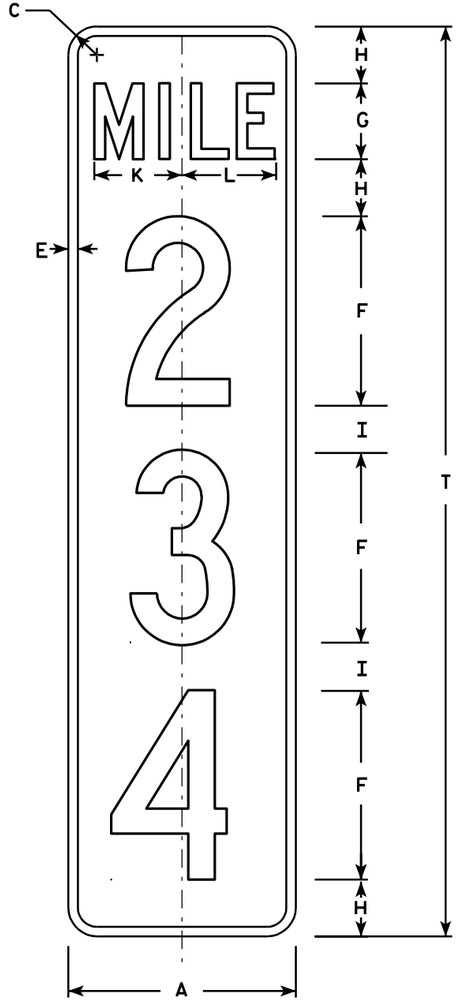
SHEET NO: 238 E



D10-1



D10-2



D10-3

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Green
   Message - White - Type H Reflective
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Optically adjust numerals about the centerline of the sign to achieve proper balance.

Metric equivalent for this sign is:

PHY. SIZE	
12 X 24	300 mm X 600 mm
12 X 36	300 mm X 900 mm
12 X 48	300 mm X 1200 mm

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
1																										
2																										
3																										
4	12	24	1 ½		½	10	4	3	2 ½	4	4 ⅝	4 ⅞							36	48						
5	12	24	1 ½		½	10	4	3	2 ½	4	4 ⅝	4 ⅞							36	48						

D10-1	D10-2	D10-3
Area sq. ft.	Area sq. ft.	Area sq. ft.
2.0	3.0	4.0
Area m2	Area m2	Area m2
.19	.28	.38

STANDARD SIGN
D10-1 , D10-2 & D10-3

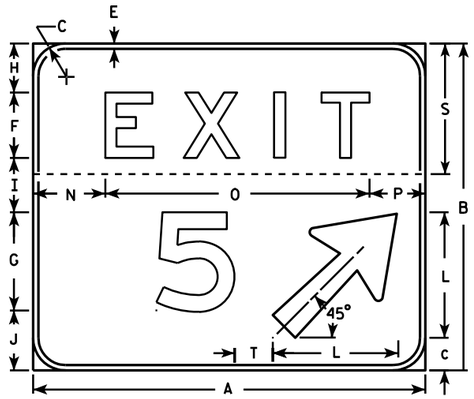
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spang for Director, Office of Traffic

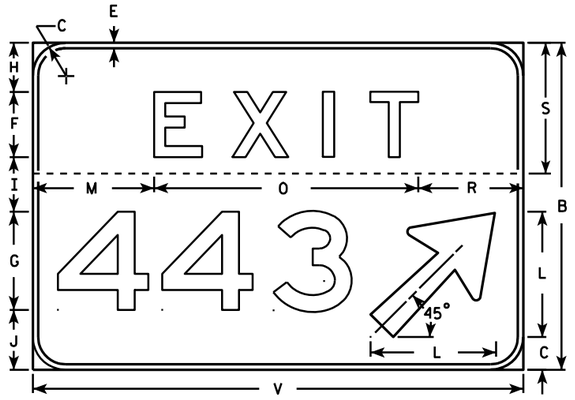
DATE 1/16/02 PLATE NO. D10-3.2

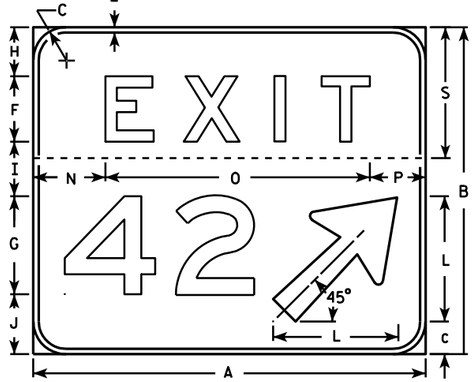
PROJECT NO:

SHEET NO: 239 E

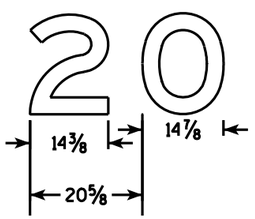


NOTE: T diminision shall be measured from the back of the number to the front of the arrow





EXAMPLE FOR USING SPACING CHART



NOTES

1. Sign is Type II - Type H reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Green
   Message - White (Type H reflective)
3. Message Series - E
4. Corners may be square or rounded but the border shall be rounded as shown.
5. Base material for this sign shall be plywood and shall be split into two seperate pieces as shown on each detail by the dashed line (----------).
6. Arrow is Type "A" from sign plate A1-1.
7. Substitute appropriate message, space per the table and adjust placement on sign to achieve proper balance.
8. As per the Standard Spec's, these signs shall not have a vertical joint.

SPACING CHART FOR 18" NUMERALS

NUMBERS	WIDTH	0	1	2	3	4	5	6	7	8	9	A	B	C
0	14 7/8	21 5/8	21 5/8	21 1/4	20 3/8	21 1/4	21 1/4	21 5/8	19 7/8	22 1/8	21 5/8			
1	5 7/8	14	14	14	13 1/8	12 1/8	14	14	12 1/4	14	14			
2	14 3/8	20 5/8	21 1/8	20 5/8	19 3/4	20 1/4	20 5/8	20 5/8	18 7/8	21 1/8	20 5/8			
3	14 3/8	20 3/4	21 1/8	20 3/4	20 1/4	19 3/4	20 3/4	20 3/4	19 3/8	21 1/8	20 3/4			
4	16 5/8	22 7/8	22	22 1/2	21 5/8	21 5/8	22 7/8	22 7/8	20 5/8	23 3/8	22 7/8			
5	14 1/4	20 5/8	20 5/8	20 1/8	18 3/4	18 3/4	20 5/8	20 5/8	18 3/8	20 5/8	20 5/8			
6	14 1/2	21 1/4	20 3/4	20 3/4	19 7/8	19 1/2	20 3/8	20 3/4	19	20 3/4	20 3/8			
7	14 3/8	19 3/4	19 3/4	20 1/4	19 3/4	17	19 3/4	20 5/8	18 7/8	20 5/8	19 3/4			
8	14 1/4	21 1/2	21 1/2	20 5/8	19 1/4	19 3/4	20 5/8	21 1/2	19 5/8	21 1/2	20 5/8			
9	14 1/2	21 1/4	21 1/4	20 7/8	20	20 7/8	20 7/8	21 1/4	19 1/2	21 3/4	21 1/4			
A	18	19 3/4	19 3/4	20 1/4	19 3/4	17	19 3/4	20 5/8	18 7/8	20 5/8	19 3/4	21 5/8	23 7/8	23
B	14 1/4	21 1/2	21 1/2	20 5/8	19 1/4	19 3/4	20 5/8	21 1/2	19 5/8	21 1/2	20 5/8	19 1/2	22 3/8	21 1/2
C	14 1/4	21 1/4	21 1/4	20 7/8	20	20 7/8	20 7/8	21 1/4	19 1/2	21 3/4	21 1/4	18 3/8	21	19 3/4

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
2																										
3																										
4																										
5	72	60	6		1	12	18	9	10	11	8 7/8	23	22 1/4	13 1/4	48 1/2	10 1/4		19 1/4	24	7		90		96	7 1/2	

1-2 Digit Bid Area	3 Digit Bid Area
Sq. Ft.	
30	37.5

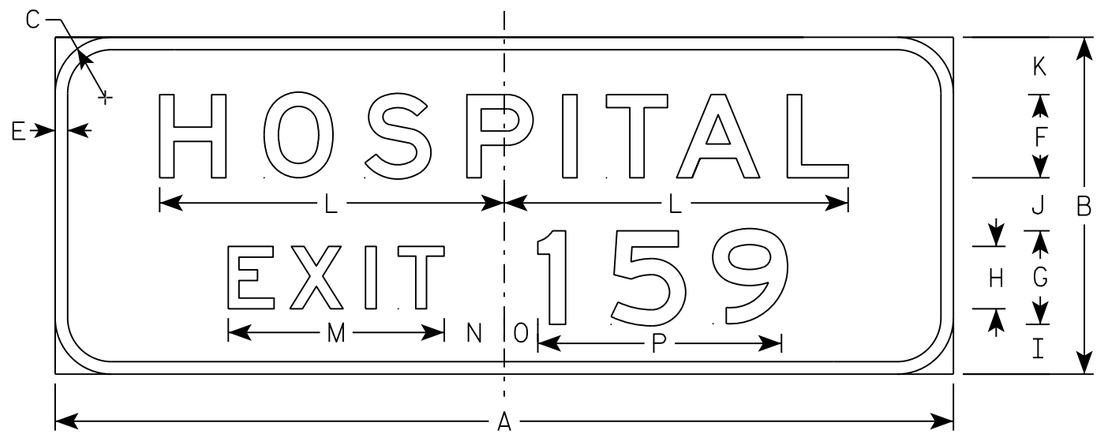
STANDARD SIGN
E5-1A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

DATE 5/11/10 PLATE NO. E5-1A.12

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 240 | E



E10-61

NOTES

1. Sign is Type I - Type SH Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Blue
   Message - White
3. Message Series - E
4. Apply proper Exit Numbers and letters, optically adjust spacing to achieve proper balance.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2																											
3																											
4	144	54	9		2	13 3/8	15	10	8	8 1/2	9 1/4	55 1/4	34 5/8	9 5/8	5 3/8	39											54
5	144	54	9		2	13 3/8	15	10	8	8 1/2	9 1/4	55 1/4	34 5/8	9 5/8	5 3/8	39											54

TYPICAL SIGNS
E10-61

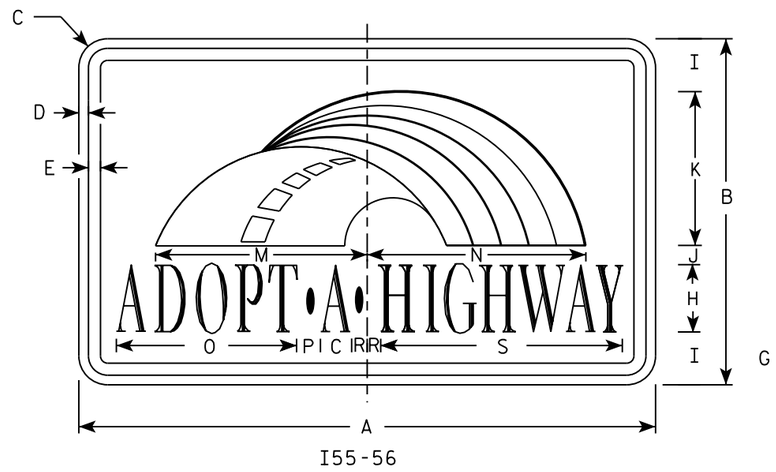
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

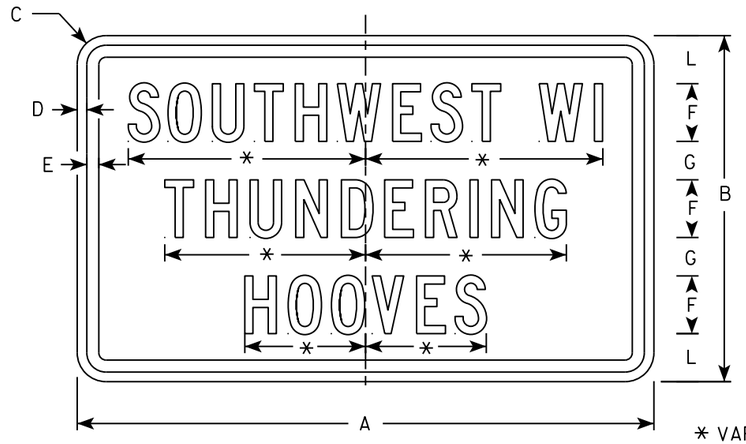
DATE 9/24/15 PLATE NO E10-61.3

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\E1061.DGN PLOT DATE : 01-DEC-2015 17:49 PLOT BY : $$ plotuser $$ PLOT NAME : PLOT SCALE : 24.284107:1.000000



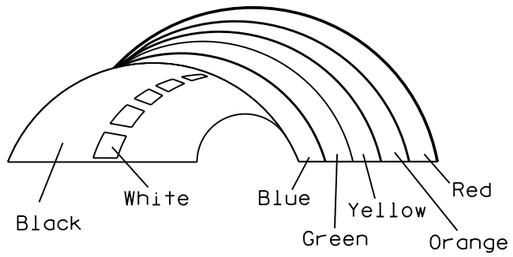
I55-56



I55-56P

* VARIES

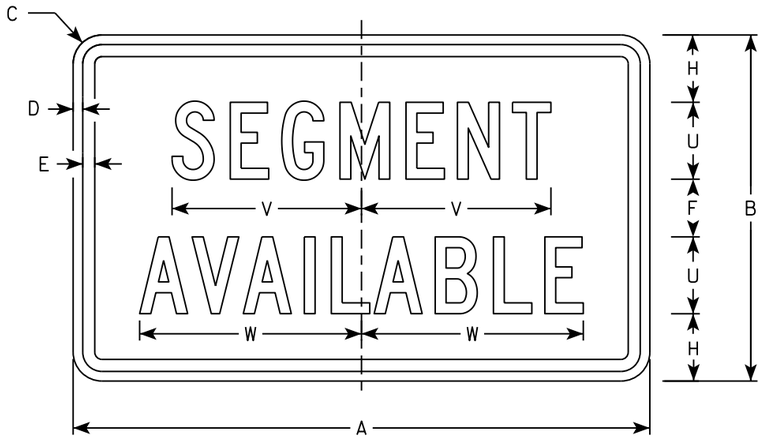
Background Colors of Symbol*



*1/4" Black Border between each color of rainbow and border of rainbow

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - (See Note 4)
3. Message Series - (See Note 5)
4. Border - Blue
   Adopt a Highway - Red
   All other Text - Blue
5. Adopt a Highway - Dutch 8011L
   All other Text - Series C
6. Contractor shall provide and install a new post bracket in accordance with the I55-56B sign detail.



I55-56S

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	30	18	1 1/2	1/2	5/8	3	2	3 1/2	2 3/4	1	8	2 1/2	11 1/4	11 1/8	9 3/8	1 1/4		3/4	12 5/8	7 1/2	4	9 7/8	11 1/2				3.75
3																											
4																											
5																											

STANDARD SIGN
I55-56

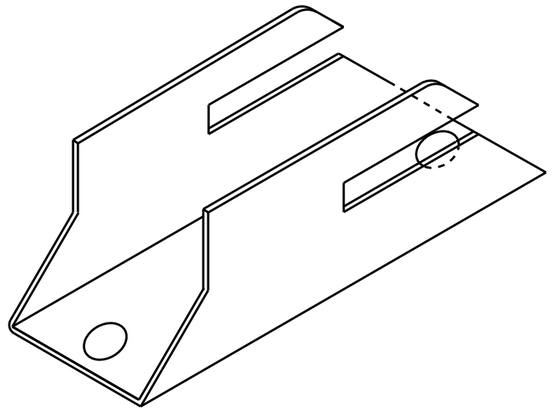
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

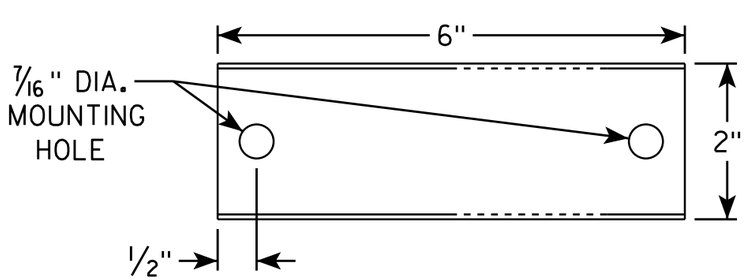
DATE 2/20/18 PLATE NO. I55-56.4

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 242 | E

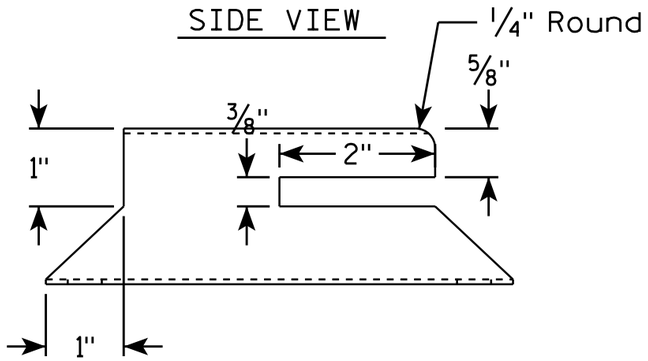
ISOMETRIC VIEW



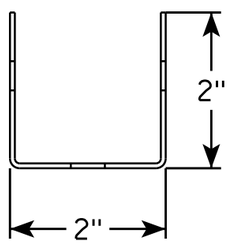
TOP VIEW



SIDE VIEW



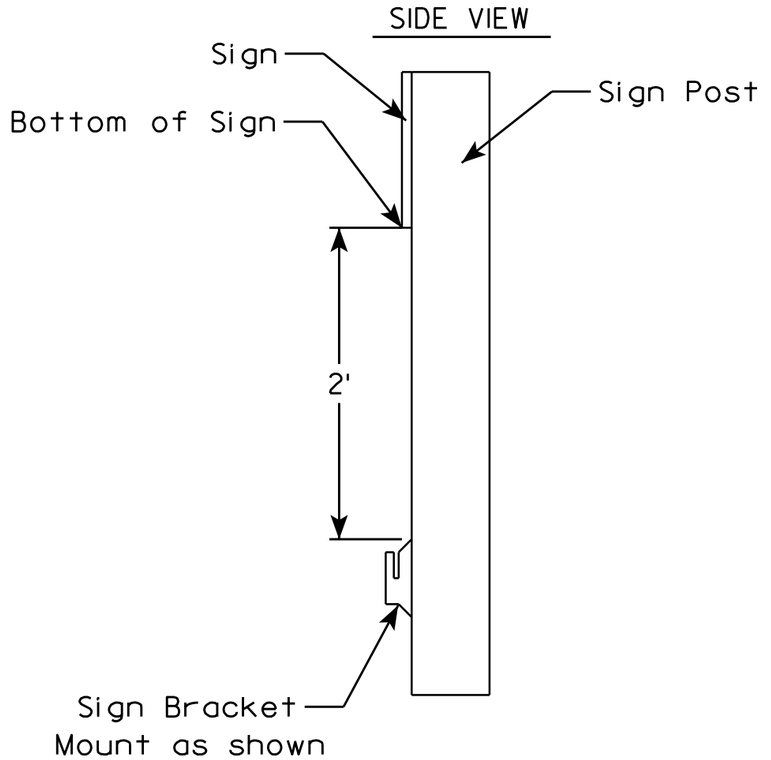
END VIEW



NOTES

1. Must be capable of permanent attachment to a wood or steel channel sign post utilizing the fastening hardware specified on the A4-8 sign plate.
2. Shall be entirely primed and painted with two coats of a black powder coated enamel paint.
3. Shall be made with 12 gauge steel, and incorporate no welds, no hinged components, no threaded lock-type components, and no parts which are loose or can be separated from the main body.
4. Shall have rounded edges with at least 1/8" radii.
5. Shall not have unrounded and uncoated metal edges which can contact the back surface of the roll-up sign.
6. Top of bracket shall be mounted 2' below the bottom of the I55-56 sign.
7. Cost of bracket and fastening hardware shall be incidental to the I55-56 sign.

SIDE VIEW



ROLLUP SIGN BRACKET
I55-56B

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

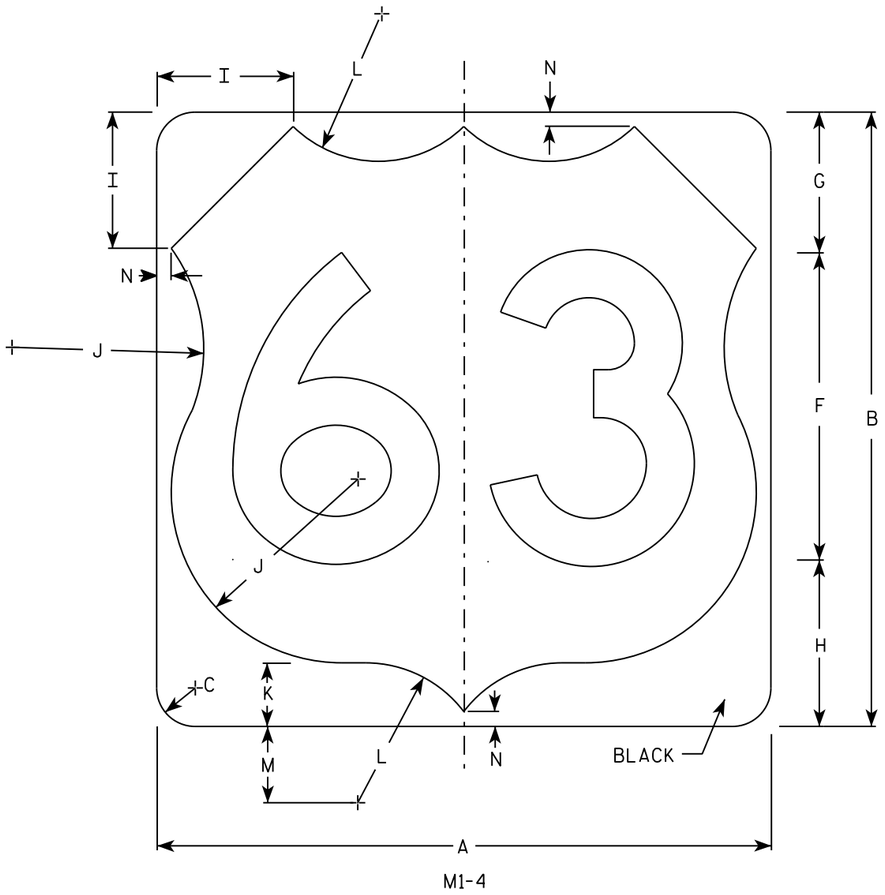
DATE 4/26/16 PLATE I55-56B.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

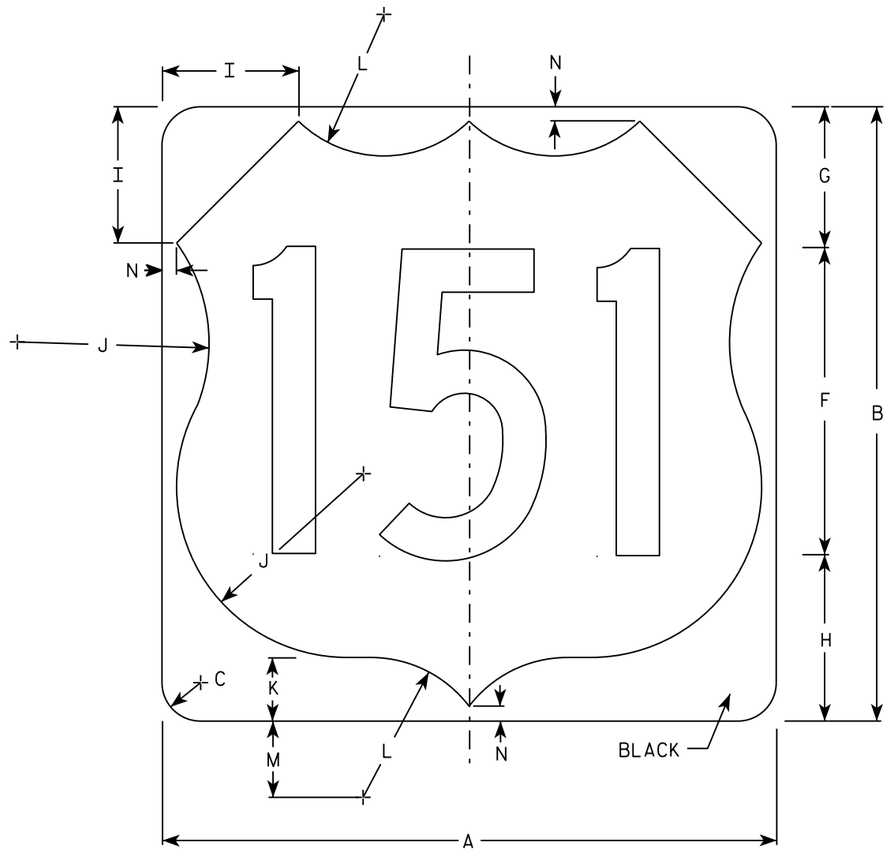
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\I5556B.DGN PLOT DATE : 26-APR-2016 17:29 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 1.945842:1.000000 WISDOT/CADDS SHEET 42

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D except 3 number signs Series C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



M1-4



M1-4

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area Sq. ft.
1																											
2	24	24	1 1/2			12	5 1/2	6 1/2	5	7 1/2	2 1/2	5 1/2	3	1/2													4.0
3	36	36	2 1/4			18	8 1/4	9 1/4	7 1/4	11 1/4	3 3/4	8 1/4	4 1/2	3/4													9.0
4	36	36	2 1/4			18	8 1/4	9 1/4	7 1/4	11 1/4	3 3/4	8 1/4	4 1/2	3/4													9.0
5	36	36	2 1/4			18	8 1/4	9 1/4	7 1/4	11 1/4	3 3/4	8 1/4	4 1/2	3/4													9.0

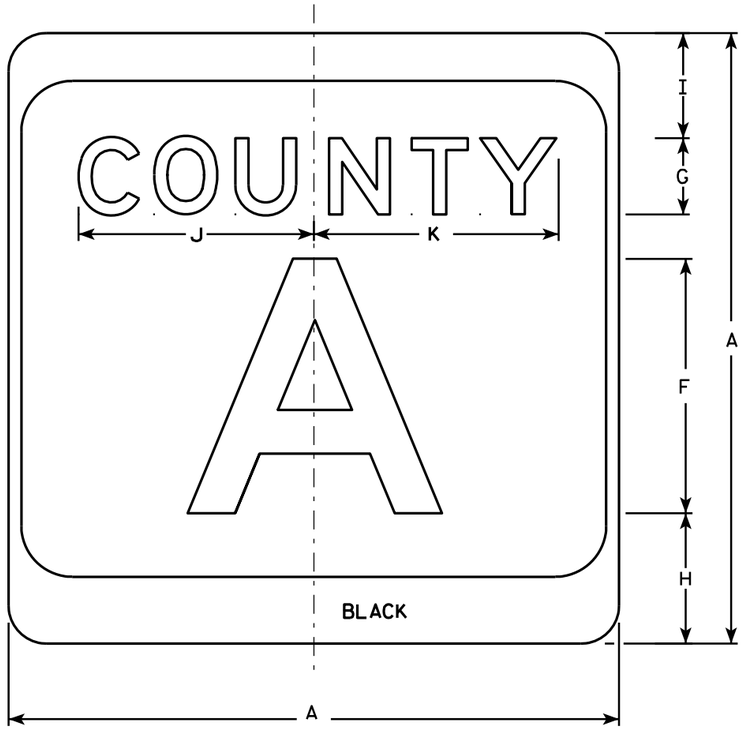
USH MARKER
M1-4 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

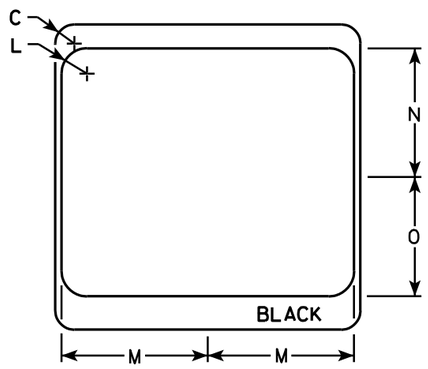
APPROVED Matthew R Rauch
for State Traffic Engineer

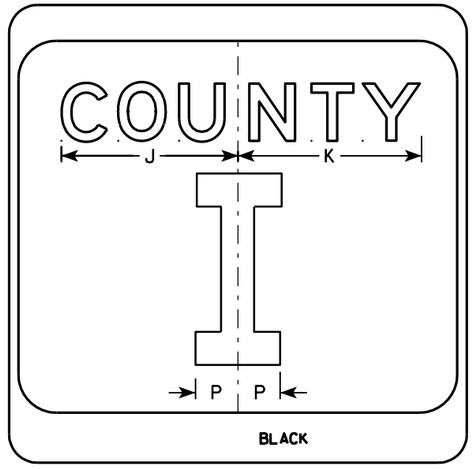
DATE 3/16/18 PLATE NO. M1-4.10

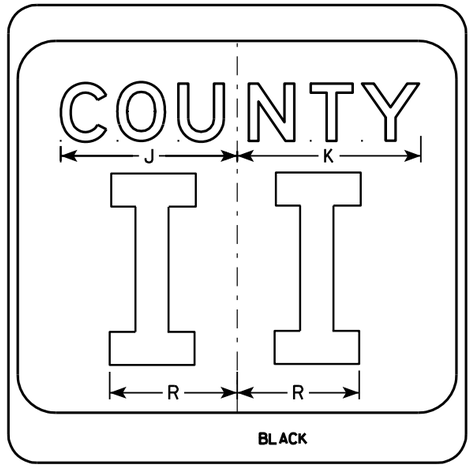
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 244	E



M1-5A







NOTES

1. Sign is Type II - see Note 7 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White & Black - See Note 7
   Message - Black
3. Message Series - see Note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Message Series E for 1 letter.
   Message Series D for 2 letters unless message is too big then Series C.
   Message Series C for 3 letters unless message is too big then Series B.
6. Substitute appropriate letters & optically center to achieve proper balance.
7. Permanent Signs
   Background - Type H Reflective
   Detour or temporary Signs
   Background - Reflective

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24		1 1/2			10	3	5 1/8	4 1/8	9 1/4	9 5/8	2	11 1/2	10 1/8	9 3/8	2 1/4		6 5/8									4.0
3	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0
4	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0
5	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0

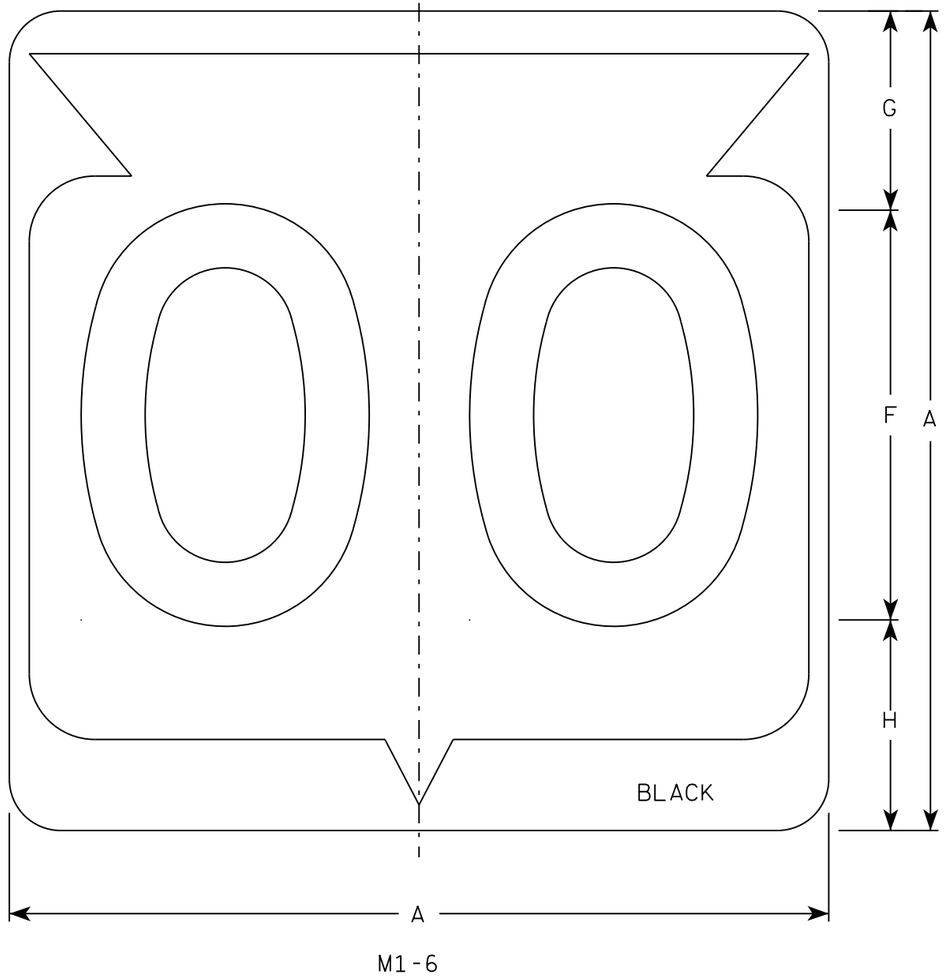
CTH MARKER
M1-5A FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 9/27/11 PLATE NO. M1-5A.8

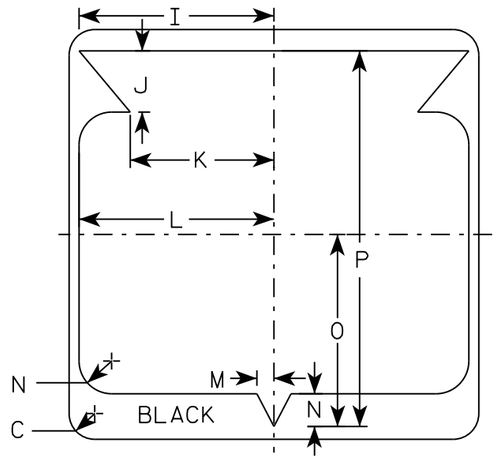
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 245	E



M1-6

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D except 3 number signs Series C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24		1 1/2			12	5 1/2	6 1/2	10 1/4	2 1/2	8 7/8	11 1/2	1	1 7/8	11 1/4	21 7/8											4.0
3	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0
4	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0
5	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0

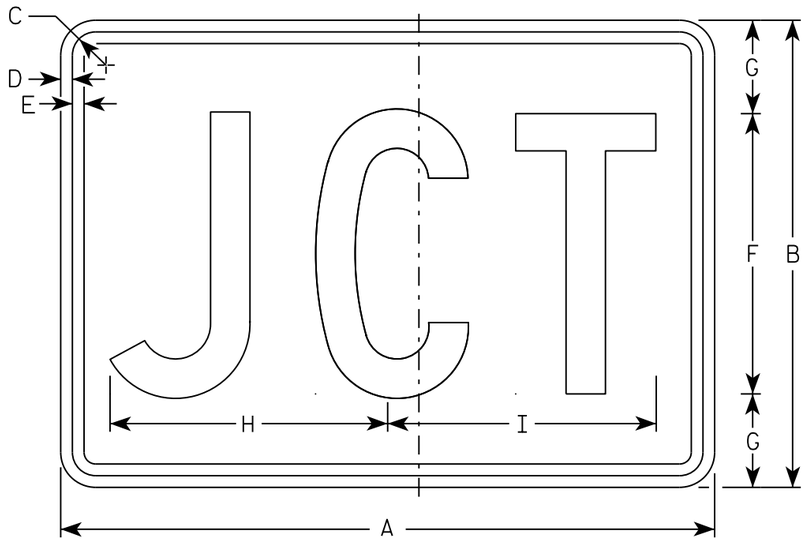
STATE ROUTE MARKER M1-6 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

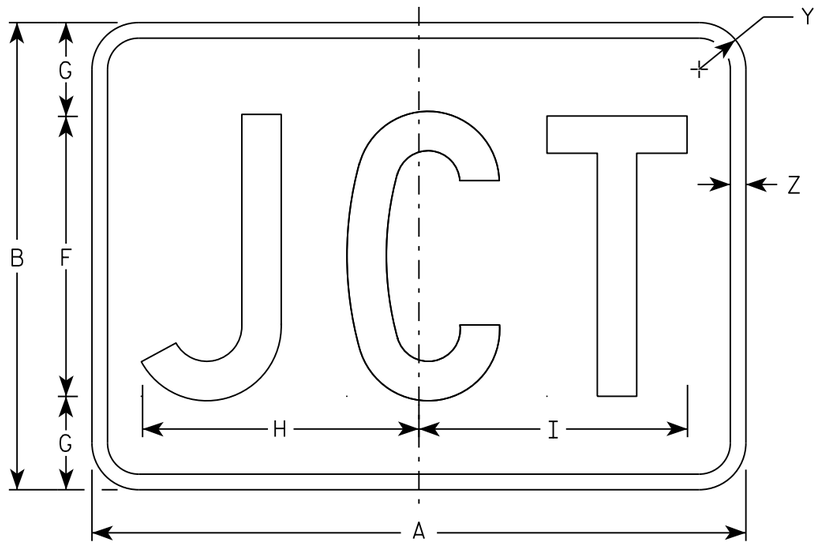
APPROVED Matthew R Rauch for State Traffic Engineer

DATE 3/16/18 PLATE NO. M1-6.10

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 246	E



M2-1
MM2-1
MP2-1



MB2-1
MK2-1
MN2-1
MR2-1

NOTES

1. Sign is Type II - Type H
2. Color:
   Background - See note 5
   Message - See note 5
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M2-1 Background - White
   Message - Black
   MB2-1 Background - Blue
   Message - White
   MK2-1 Background - Green
   Message - White
   MM2-1 Background - White
   Message - Green
   MN2-1 Background - Brown
   Message - White
   MP2-1 Background - White
   Message - Blue
   MR2-1 Background - Brown
   Message - Yellow

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	21	15	1 1/8	3/8	3/8	9	3	8 7/8	8 5/8																1 1/2	1/2	2.20
3	30	21	1 1/8	3/8	3/8	13	4	12 7/8	12 3/8																1 1/2	1/2	4.40
4	30	21	1 1/8	3/8	3/8	13	4	12 7/8	12 3/8																1 1/2	1/2	4.40
5	30	21	1 1/8	3/8	3/8	13	4	12 7/8	12 3/8																1 1/2	1/2	4.40

STANDARD SIGN
M2-1

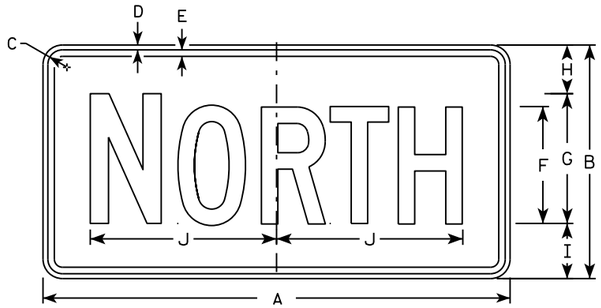
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

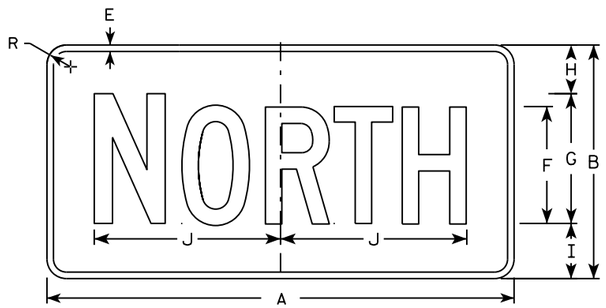
DATE 10/15/15 PLATE 247 12-1.12

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M21.DGN PLOT DATE : 01-DEC-2015 17:54 PLOT BY : $$ plotuser $$ PLOT NAME : PLOT SCALE : 4.864603:1.000000



M3-1
MM3-1
MP3-1



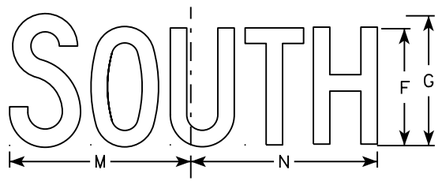
MB3-1
MK3-1
MN3-1



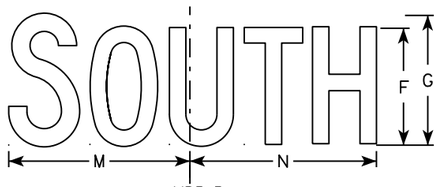
M3-2
MM3-2
MP3-2



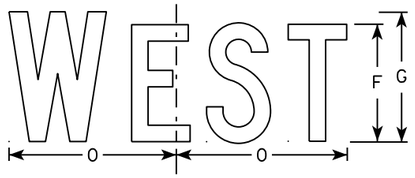
MB3-2
MK3-2
MN3-2



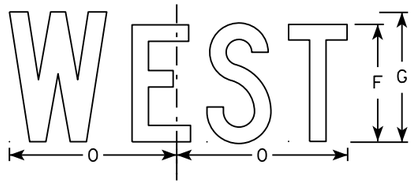
M3-3
MM3-3
MP3-3



MB3-3
MK3-3
MN3-3



M3-4
MM3-4
MP3-4



MB3-4
MK3-4
MN3-4

NOTES

1. All Signs Type II - Type H
2. Color:
   Background - See note 5
   Message - See note 5
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M3-1 thru M3-4 Background - White
   Message - Black
   MB3-1 thru MB3-4 Background - Blue
   Message - White
   MK3-1 thru MK3-4 Background - Green
   Message - White
   MM3-1 thru MM3-4 Background - White
   Message - Green
   MN3-1 thru MN3-4 Background - Brown
   Message - White
   MP3-1 thru MP3-4 Background - White
   Message - Blue
6. Note the first letter of each direction is larger than the remainder of the message.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	12	1 1/8	3/8	3/8	6	7	2 1/4	2 3/4	10 1/4	7 7/8	8 3/8	10 1/4	9 3/4	8 3/4			1 1/2									2.00
3	36	18	1 1/8	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13			1 1/2									4.5
4	36	18	1 1/8	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13			1 1/2									4.5
5	36	18	1 1/8	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13			1 1/2									4.5

STANDARD SIGNS
M3-1 thur M3-4
SERIES

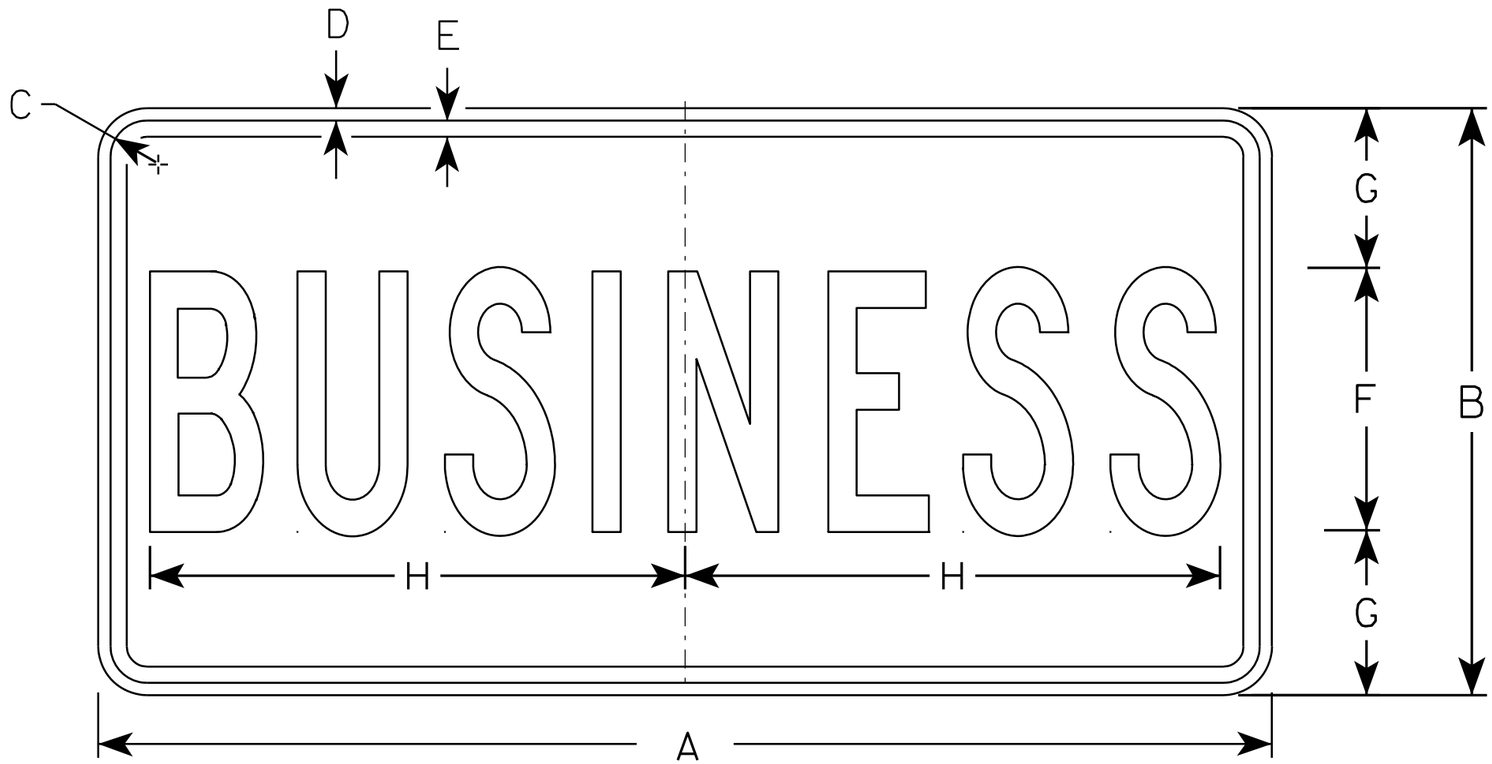
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew P Rauch for State Traffic Engineer

DATE 10/15/15 PLATE NO M3-1.14

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M31.DGN PLOT DATE : 01-DEC-2015 17:54 PLOT BY : $$ plotuser $$ PLOT NAME : PLOT SCALE : 11.675051:1.000000



M4-3

NOTES

1. Sign is Type II - See Note 5 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White - See Note 5
   Message - Black
3. Message Series - B
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Permanent Signs
   Background - Type H Reflective
   Detour or other temporary Signs
   Background - Reflective

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	12	1 1/8	3/8	3/8	5	3 1/2	9 5/8																			2.0
3	36	18	1 1/8	3/8	1/2	8	5	16 3/8																			4.5
4																											
5																											

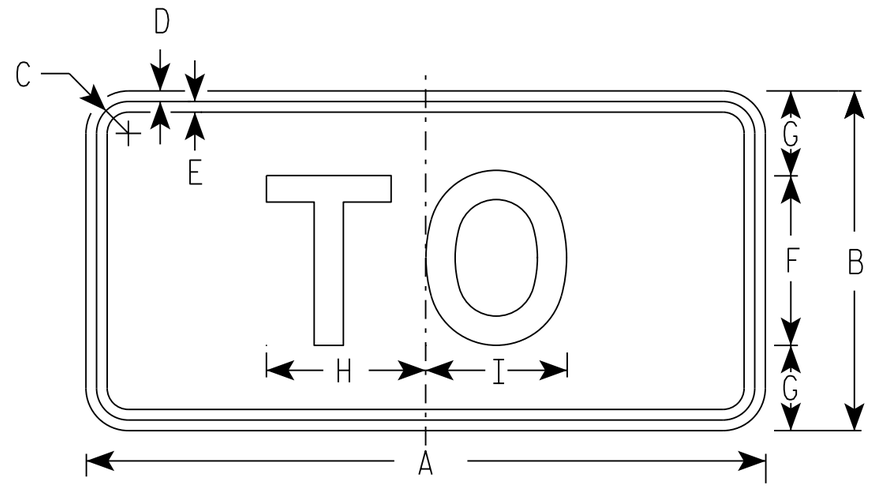
STANDARD SIGN
M4-3

WISCONSIN DEPT OF TRANSPORTATION

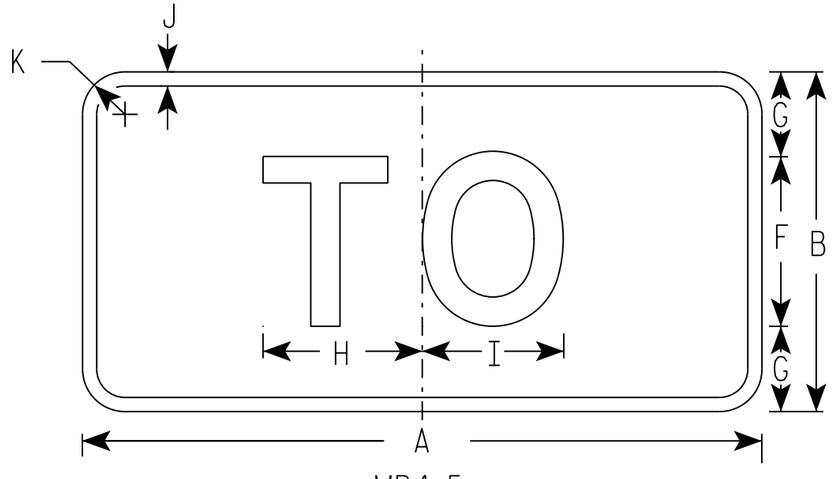
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/10/10 PLATE NO. M4-3.5

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 249 | E



M4-5
MM4-5
MP4-5



MB4-5
MK4-5
MN4-5

NOTES

1. Sign is Type II - Type H
2. Color:
   Background - See note 5
   Message - See note 5
3. Message Series - E
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M4-5 Background - White
   Message - Black
   MB4-5 Background - Blue
   Message - White
   MK4-5 Background - Green
   Message - White
   MM4-5 Background - White
   Message - Green
   MN4-5 Background - Brown
   Message - White
   MP4-5 Background - White
   Message - Blue

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	12	1 1/8	3/8	3/8	6	3	5 3/8	5 1/4	1/2	1 1/2																2.00
3	36	18	1 3/8	3/8	1/2	9	4 1/2	8 1/4	8 3/8	1/2	1 1/2																4.5
4	36	18	1 3/8	3/8	1/2	9	4 1/2	8 1/4	8 3/8	1/2	1 1/2																4.5
5	36	18	1 3/8	3/8	1/2	9	4 1/2	8 1/4	8 3/8	1/2	1 1/2																4.5

STANDARD SIGN
M4-5

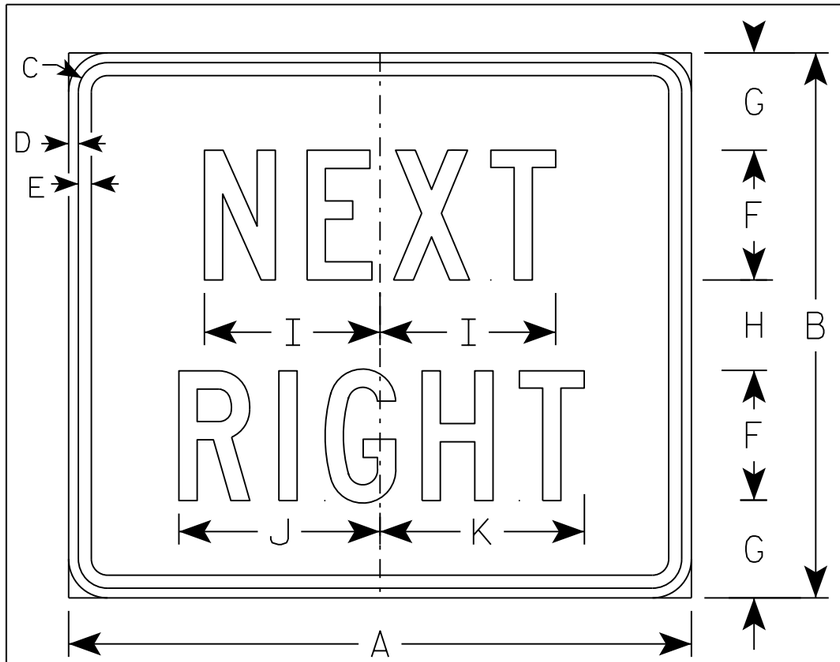
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

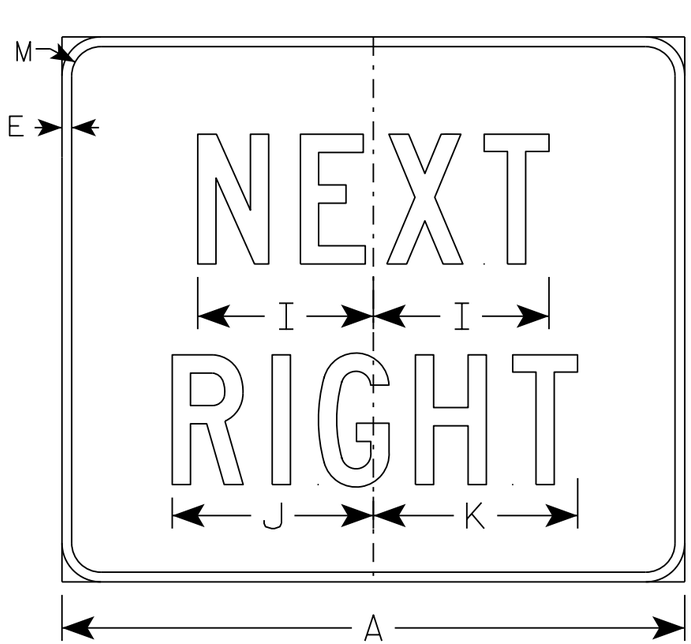
DATE 10/15/15 PLATE 250 M4-5.8

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

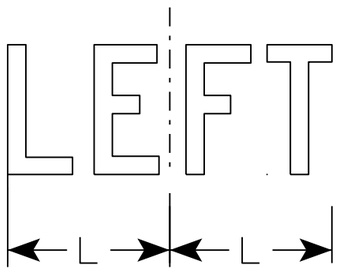
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M45.DGN PLOT DATE : 01-DEC-2015 17:55 PLOT BY : $$ plotuser $$ PLOT NAME : PLOT SCALE : 5.351066:1.000000



M4-21R
MM4-21R
MO4-21R
MP4-21R



MB4-21R
MK4-21R
MN4-21R
MR4-21R



M4-21L
MB4-21L
MK4-21L
MM4-21L
MN4-21L
MO4-21L
MP4-21L
MR4-21L

NOTES

1. Sign is Type II - Type H except as Shown
2. Color:
   Background - See note 5
   Message - See note 5
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M4-21 Background - White
   Message - Black
   MB4-21 Background - Blue
   Message - White
   MK4-21 Background - Green
   Message - White
   MM4-21 Background - White
   Message - Green
   MN4-21 Background - Brown
   Message - White
   MO4-21 Background - Orange - Type F Reflective
   Message - Black
   MP4-21 Background - White
   Message - Blue
   MR4-21 Background - Brown
   Message - Yellow

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	21	1 1/8	3/8	1/2	5	3 3/4	3 1/2	6 3/4	7 3/4	7 7/8	6 1/4	1 1/2														3.5
3	36	30	1 5/8	5/8	3/4	8	4 3/4	4 1/2	10 7/8	12 5/8	12 1/2	10 1/8	1 7/8														7.5
4																											
5																											

STANDARD SIGN
M4-21

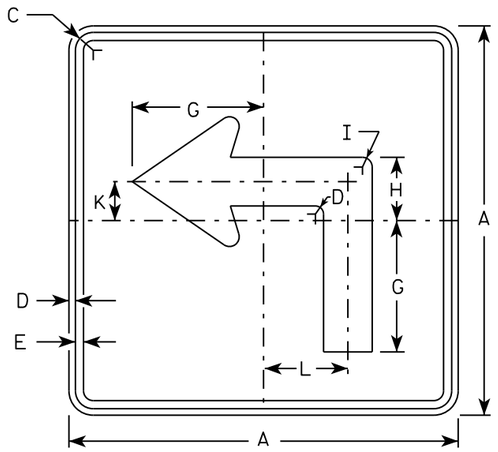
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

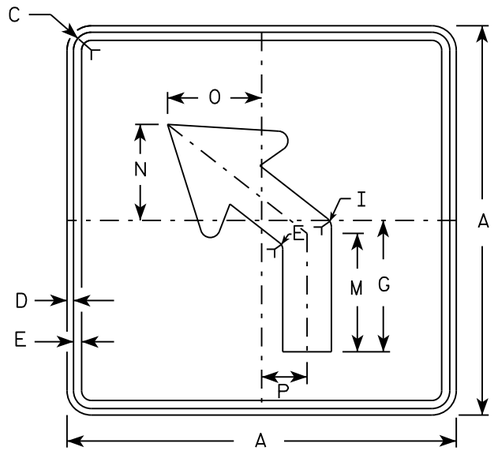
DATE 10/15/15 PLATE M4-21.4

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

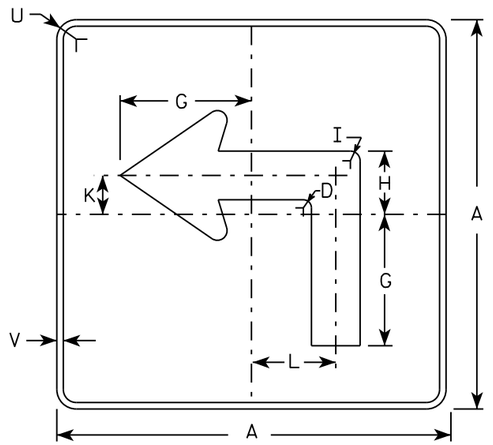
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M421.DGN PLOT DATE : 01-DEC-2015 18:03 PLOT BY : $$ platuser $$ PLOT NAME : PLOT SCALE : 5.837526:1.000000



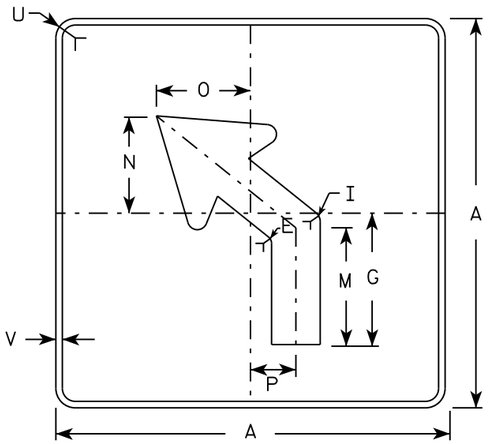
M5-1L
MM5-1L
MO5-1L
MP5-1L



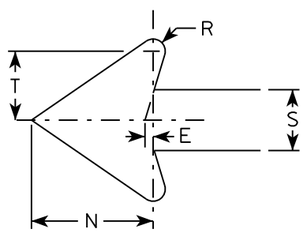
M5-2L
MM5-2L
MO5-2L
MP5-2L



MB5-1L
MK5-1L
MN5-1L
MR5-1L



MB5-2L
MK5-2L
MN5-2L
MR5-2L



NOTES

1. Signs are Type II - Type H reflective except as shown
2. Color:
   Background - See note 4
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M5-1 and M5-2 Background - White
   Message - Black
   MB5-1 and MB5-2 Background - Blue
   Message - White
   MK5-1 and MK5-2 Background - Green
   Message - White
   MM5-1 and MM5-2 Background - White
   Message - Green
   MN5-1 and MN5-2 Background - Brown
   Message - White
   MO5-1 and MO5-2 Background - Orange - Type F Reflective
   Message - Black
   MP5-1 and MP5-2 Background - White - Type H Reflective
   Message - Blue
   MR5-1 and MR5-2 Background - Brown
   Message - Yellow
5. M5-1R same as M5-1L except arrow points right.
6. M5-2R same as M5-2L except arrow tilts right.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	21		1 1/8	3/8	3/8		7	3 3/8	5/8		2 1/8	4 1/2	6 3/8	5 1/4	5	2 1/2		1/2	2 5/8	3	1 1/2	1/2					3.06
3	30		1 3/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4	1 7/8	1/2					6.25
4	30		1 3/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4	1 7/8	1/2					6.25
5	30		1 3/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4	1 7/8	1/2					6.25

STANDARD SIGN
M5-1 & M5-2

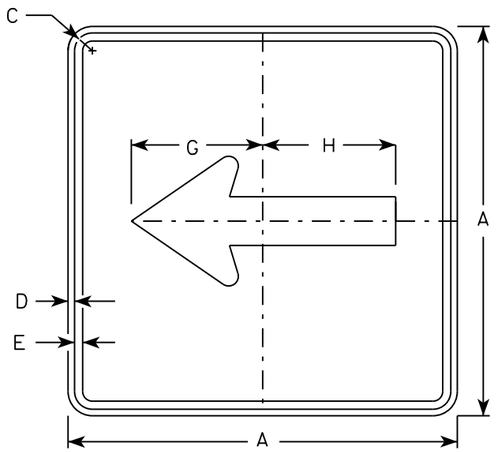
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

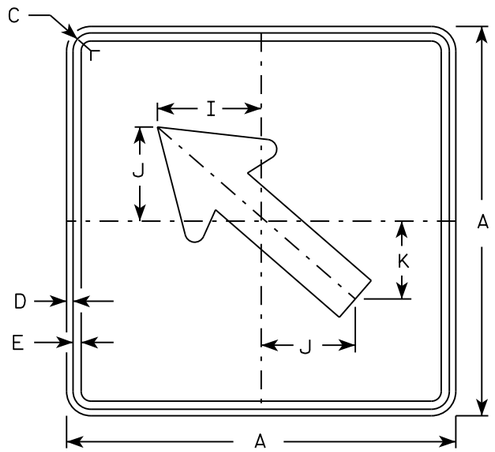
DATE 10/15/15 PLATE NO. M5-1.13

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M51.DGN PLOT DATE : 01-DEC-2015 18:07 PLOT BY : $$ plotuser $$ PLOT NAME : PLOT SCALE : 11.675051:1.000000



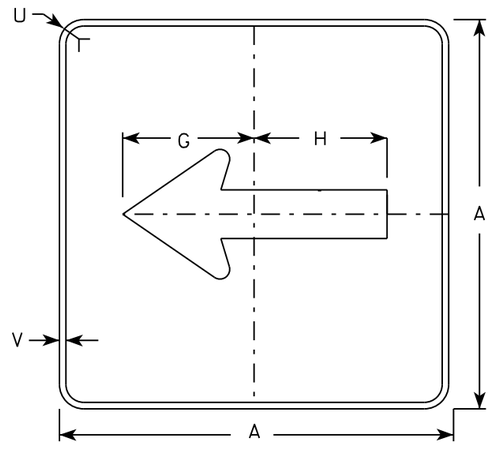
M6-1
MM6-1
MO6-1
MP6-1



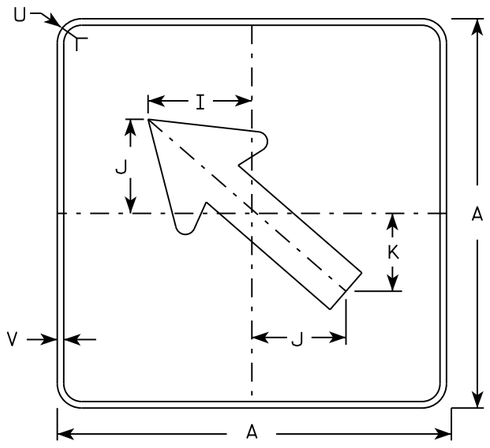
M6-2
MM6-2
MO6-2
MP6-2

NOTES

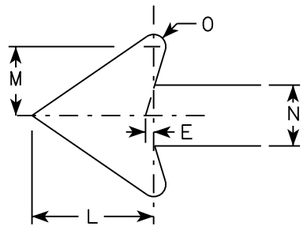
1. Signs are Type II - Type H except as Shown
2. Color:
   Background - See note 4
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M6-1 and M6-2 Background - White
   Message - Black
   MB6-1 and MB6-2 Background - Blue
   Message - White
   MK6-1 and MK6-2 Background - Green
   Message - White
   MM6-1 and MM6-2 Background - White
   Message - Green
   MN6-1 and MN6-2 Background - Brown
   Message - White
   MO6-1 and MO6-2 Background - Orange - Type F Reflective
   Message - Black
   MP6-1 and MP6-2 Background - White
   Message - Blue
   MR6-1 and MR6-2 Background - Brown
   Message - Yellow



MB6-1
MK6-1
MN6-1
MR6-1



MB6-2
MK6-2
MN6-2
MR6-2



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	21		1 1/8	3/8	3/8		7 1/2	7 1/8	5 5/8	5	4 1/4	5 1/4	3	2 5/8	1/2						1 1/2	1/2						3.06
3	30		1 3/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2						6.25
4	30		1 3/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2						6.25
5	30		1 3/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2						6.25

STANDARD SIGN M6-1 & M6-2 SERIES

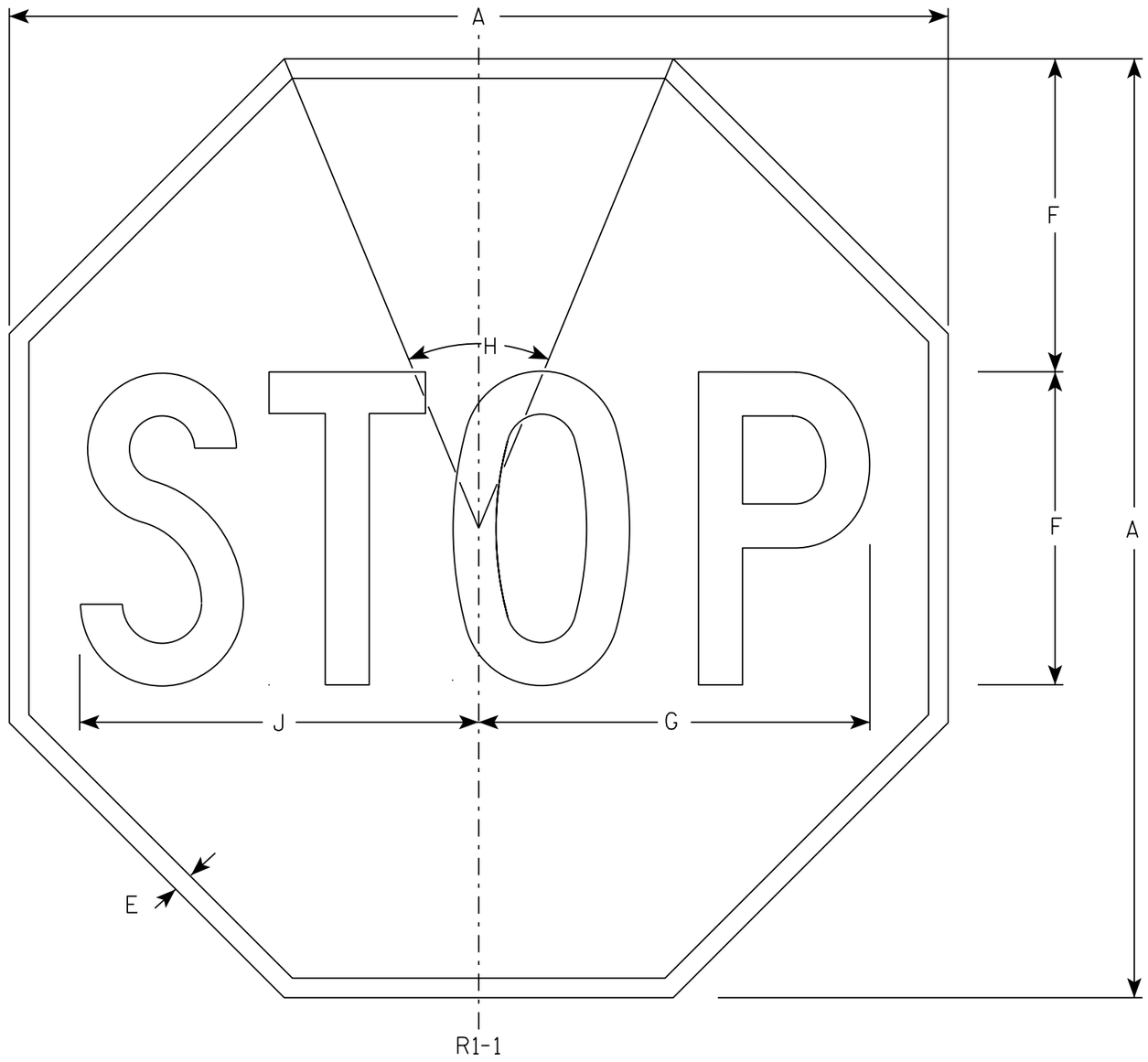
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 10/15/15 PLATE 253 M6-1.15

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M61.DGN PLOT DATE : 01-DEC-2015 17:57 PLOT BY : $$ plotuser $$ PLOT NAME : PLOT SCALE : 11.675051:1.000000



NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Red
   Message - White
3. Message Series - C

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30				5/8	10	12 1/2	45°		12 3/4																	5.18
2S	30				5/8	10	12 1/2	45°		12 3/4																	5.18
2M	36				3/4	12	15	45°		15 3/8																	7.46
3	36				3/4	12	15	45°		15 3/8																	7.46
4	48				1	16	20	45°		20 1/2																	13.25
5	48				1	16	20	45°		20 1/2																	13.25
6	18				3/8	6	7 3/4	45°		7 3/4																	1.86
7	12				1/4	4	5	45°		5 1/8																	0.78

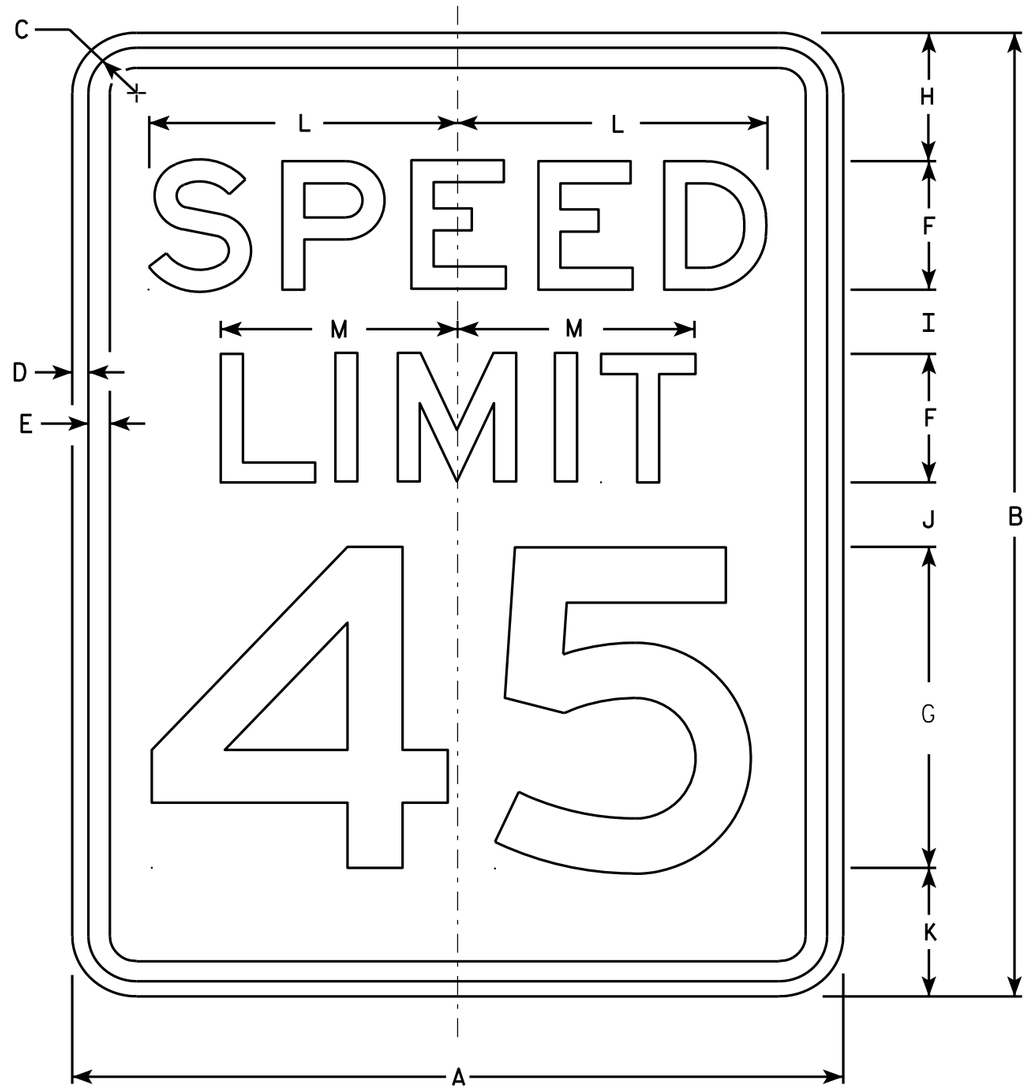
STANDARD SIGN
R1-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/12/15 PLATE NO. R1-1.13

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 254	E



R2-1

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - E
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate numerals and optically adjust spacing to achieve proper balance.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18	24	1 1/8	3/8	1/2	3	8	3	2	2	3	7 1/4	5 1/2														3.0
2S	24	30	1 1/8	3/8	1/2	4	10	3	2 1/4	3 3/8	3 3/8	9 5/8	7 3/8														5.0
2M	30	36	1 3/8	1/2	5/8	5	12	5	2 1/2	2 1/2	4	12	9 1/4														7.5
3	36	48	1 3/8	1/2	5/8	6	14	6	5	5	6	14 3/8	11														12.0
4	36	48	1 3/8	1/2	5/8	6	14	6	5	5	6	14 3/8	11														12.0
5	48	60	2 1/4	3/4	1	8	20	6	4 1/2	6 3/4	6 3/4	19 1/4	14 5/8														20.0

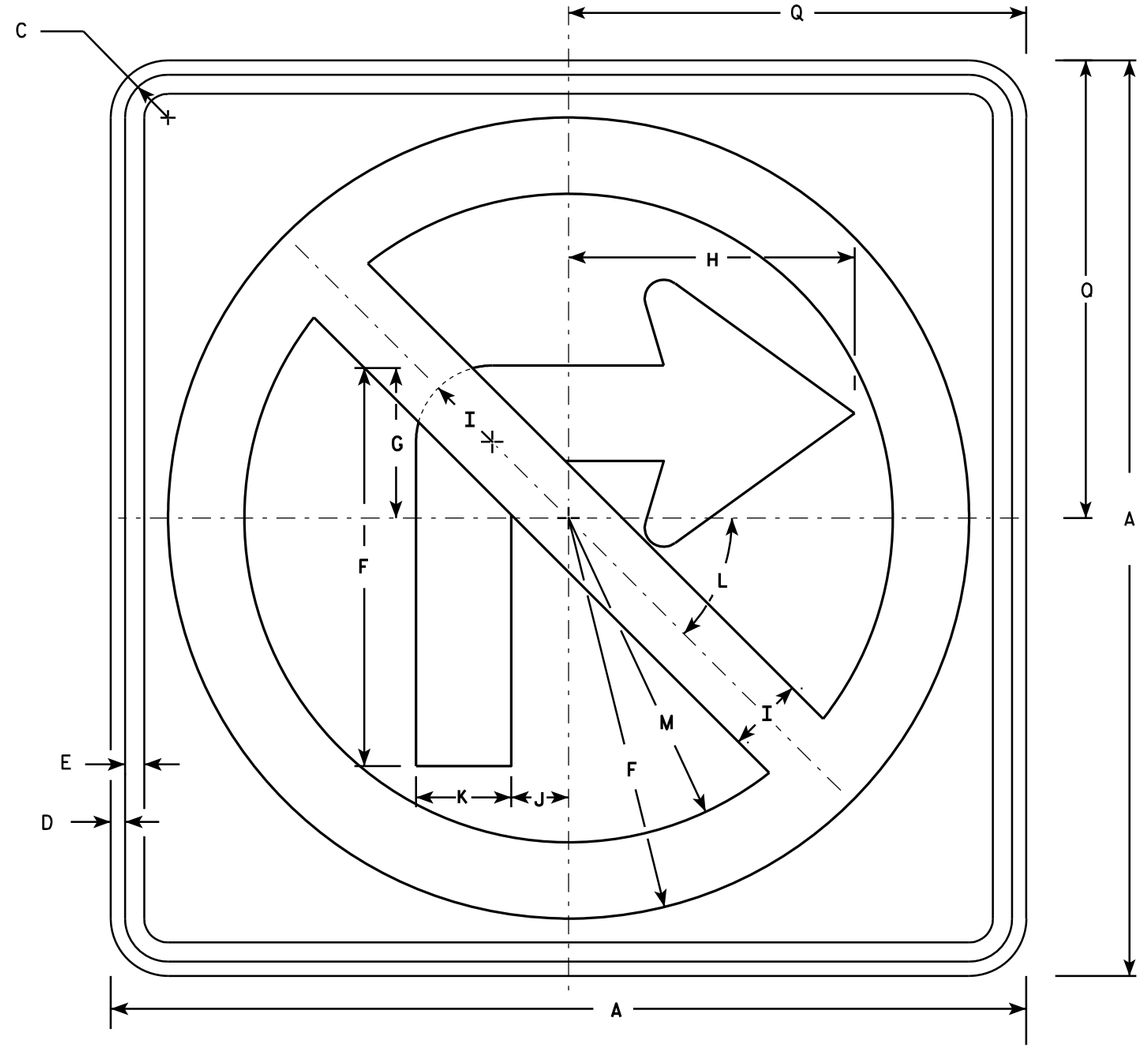
STANDARD SIGN
R2-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/26/10 PLATE NO. R2-1.13

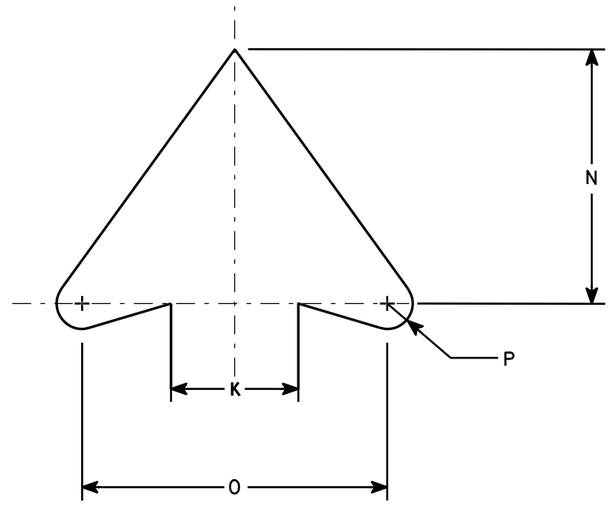
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 255 | E



R3-1

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. Border & Arrow are non reflective black, the circle with diagonal bar is reflective red.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/8	3/8	1/2	10 1/2	4	7 1/2	2	1 1/2	2 1/2	45	8 1/2	5	6	1/2	12										4.0
2S	24		1 1/8	3/8	1/2	10 1/2	4	7 1/2	2	1 1/2	2 1/2	45°	8 1/2	5	6	1/2	12										4.0
2M	36		1 5/8	5/8	3/4	15 3/4	6	11 1/4	3	2 1/4	3 3/4	45	12 3/4	7 1/2	9	3/4	18										9.0
3	36		1 5/8	5/8	3/4	15 3/4	6	11 1/4	3	2 1/4	3 3/4	45	12 3/4	7 1/2	9	3/4	18										9.0
4	36		1 5/8	5/8	3/4	15 3/4	6	11 1/4	3	2 1/4	3 3/4	45°	12 3/4	7 1/2	9	3/4	18										9.0
5	48		2 1/4	3/4	1	21	8	15	4	3	5	45°	17	10	12	1	24										16.0

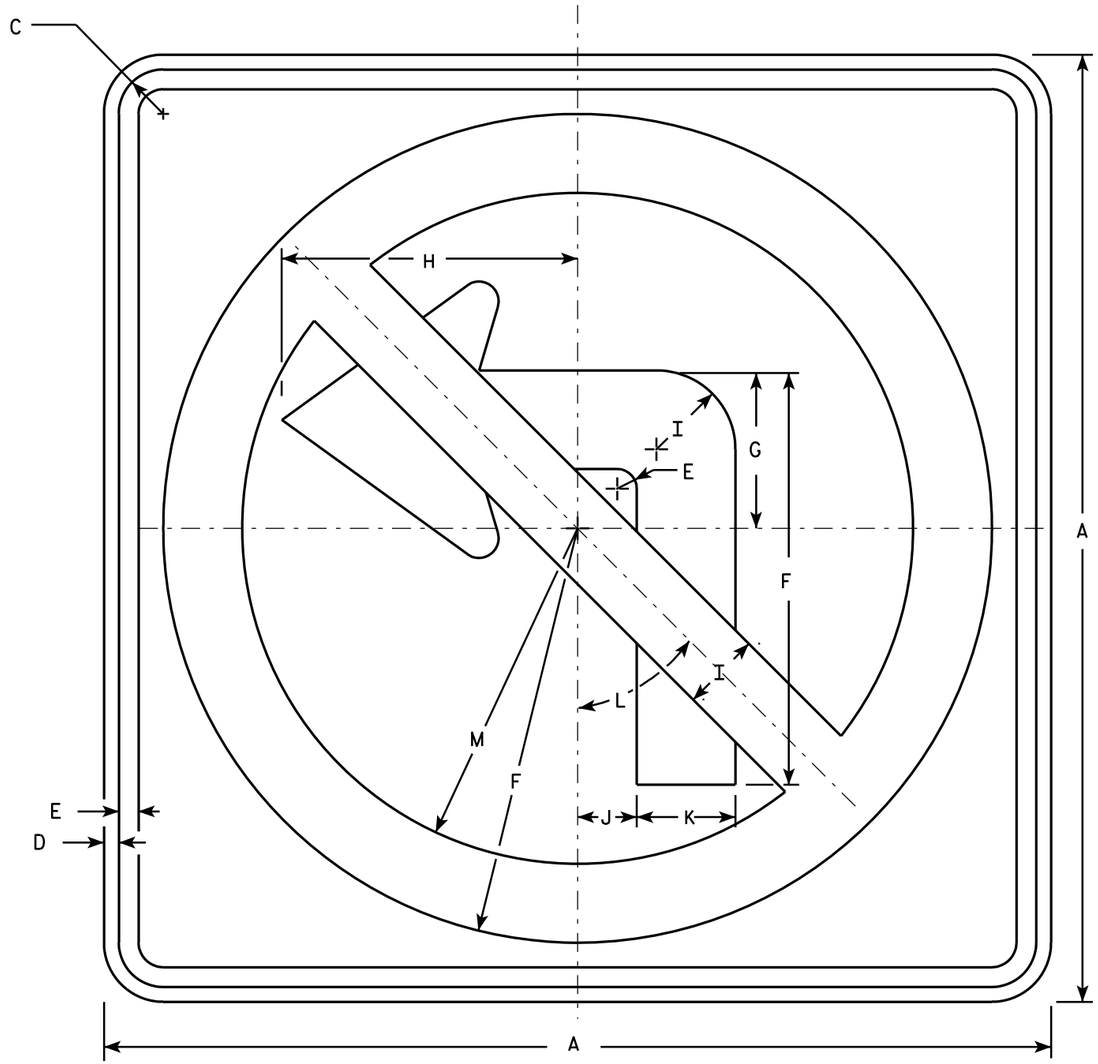
STANDARD SIGN
R3-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/08/10 PLATE NO. R3-1.5

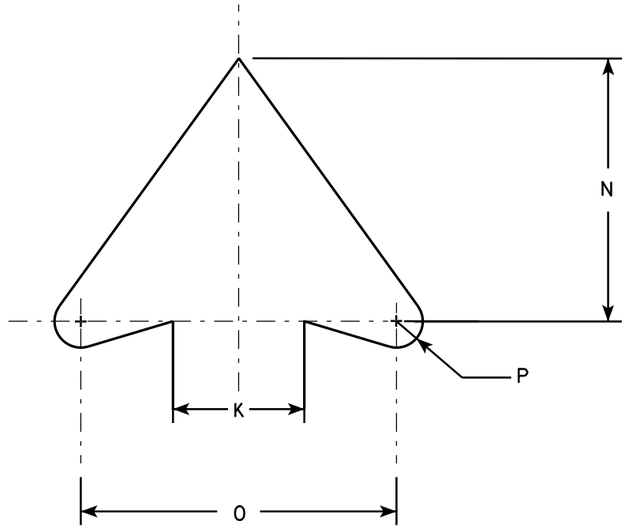
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 256	E



R3-2

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. Border & Arrow are non reflective black, the circle with diagonal bar is reflective red.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/8	3/8	1/2	10 1/2	4	7 1/2	2	1 1/2	2 1/2	45°	8 1/2	5	6	1/2											4.0
2S	24		1 1/8	3/8	1/2	10 1/2	4	7 1/2	2	1 1/2	2 1/2	45°	8 1/2	5	6	1/2											4.0
2M	36		1 5/8	5/8	3/4	15 3/4	6	11 1/4	3	2 1/4	3 3/4	45°	12 3/4	7 1/2	9	3/4											9.0
3	36		1 5/8	5/8	3/4	15 3/4	6	11 1/4	3	2 1/4	3 3/4	45°	12 3/4	7 1/2	9	3/4											9.0
4	36		1 5/8	5/8	3/4	15 3/4	6	11 1/4	3	2 1/4	3 3/4	45°	12 3/4	7 1/2	9	3/4											9.0
5	48		2 1/4	3/4	1	21	8	15	4	3	5	45°	17	10	12	1											16.0

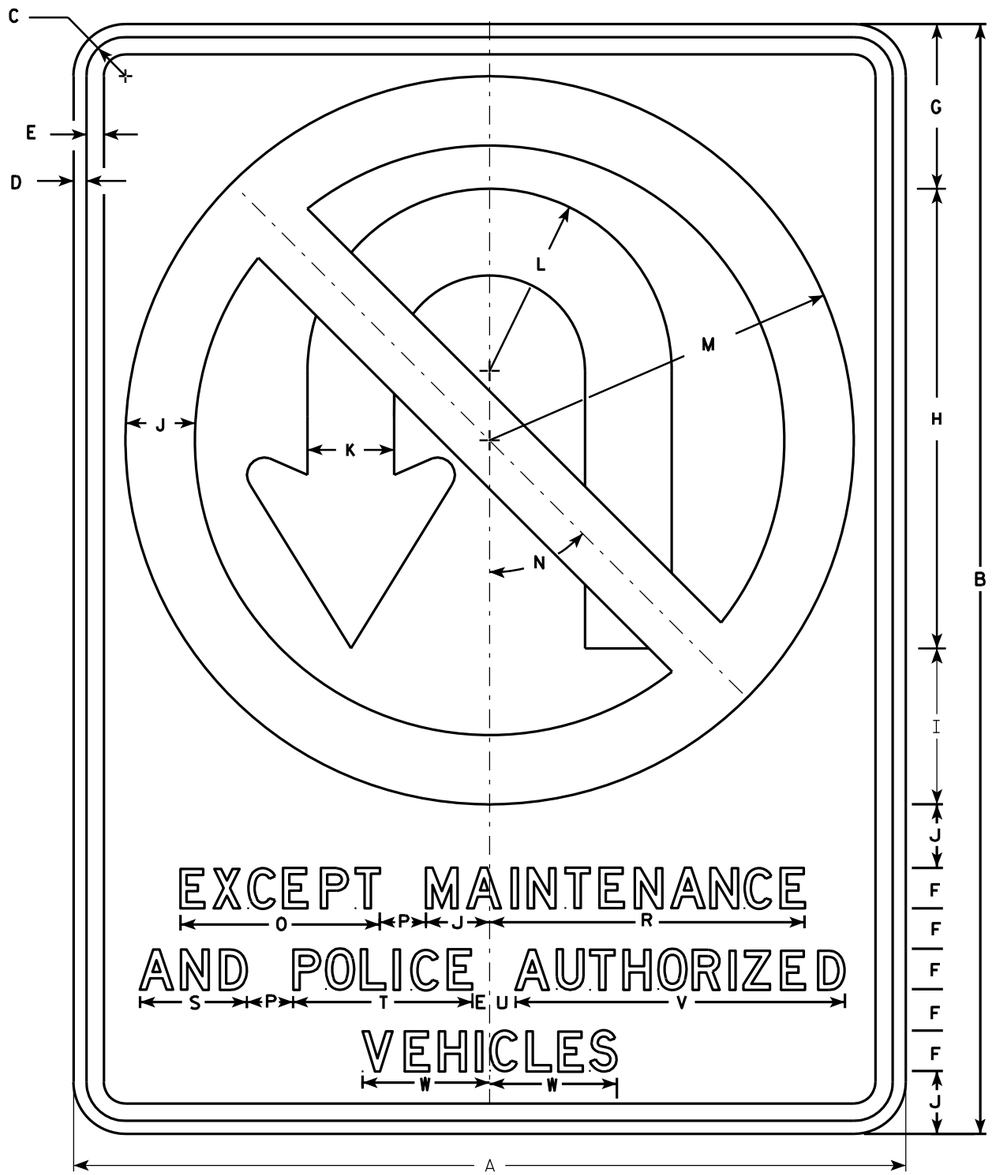
STANDARD SIGN
R3-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/08/10 PLATE NO. R3-2.10

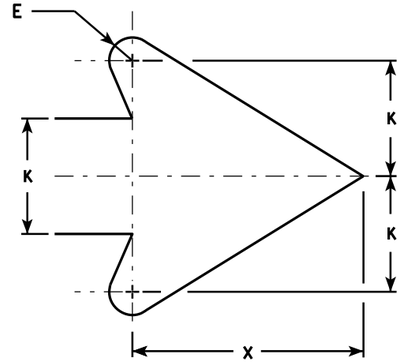
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 257	E



R3-4B

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. Border & Arrow are non reflective black, the circle with diagonal bar is reflective red.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S																											
2M																											
3																											
4	36	48	1 5/8	5/8	3/4	1 3/4	7 1/8	19 7/8	6 3/4	2 3/4	3 3/4	7 7/8	15 3/4	45°	8 5/8	2		13 5/8	4 5/8	7 3/4	1 1/8	14 1/4	5 1/2	7 5/8			12.0
5	36	48	1 5/8	5/8	3/4	1 3/4	7 1/8	19 7/8	6 3/4	2 3/4	3 3/4	7 7/8	15 3/4	45°	8 5/8	2		13 5/8	4 5/8	7 3/4	1 1/8	14 1/4	5 1/2	7 5/8			12.0

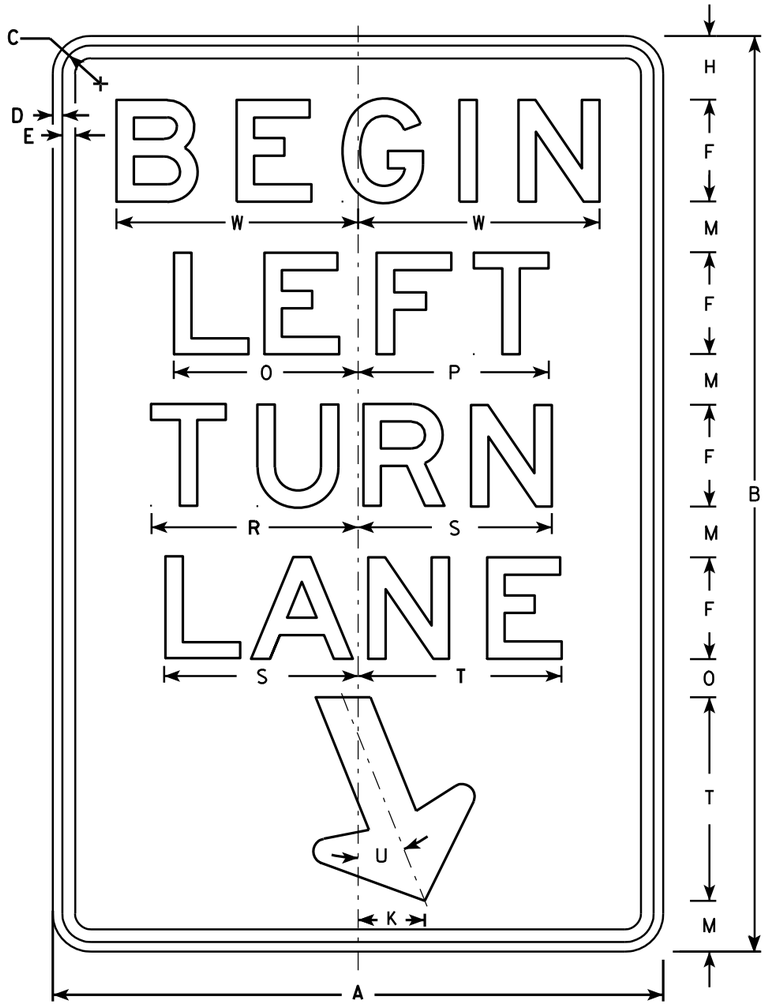
STANDARD SIGN
R3-4B

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/17/2011 PLATE NO. R3-4B.2

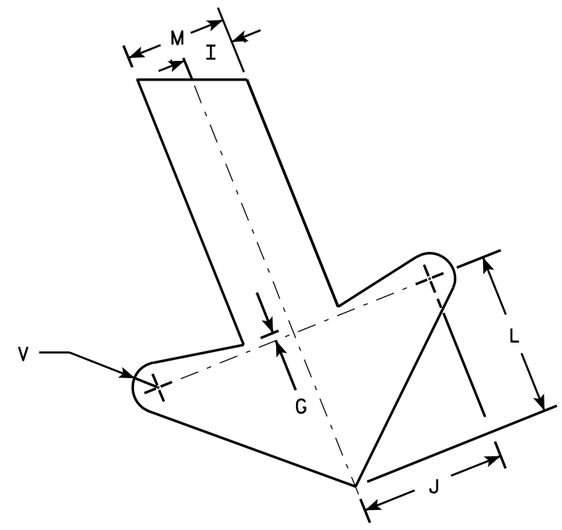
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 258	E



R3-20L

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - E
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	36	1 1/8	3/8	1/2	4	1/4	2 1/2	1	2 7/8	2 5/8	3 1/4	2	1 1/2	7 1/4	7 1/2		8 1/8	7 5/8	8	22°	1/2	9 1/2				6.0
2M	24	36	1 1/8	3/8	1/2	4	1/4	2 1/2	1	2 7/8	2 5/8	3 1/4	2	1 1/2	7 1/4	7 1/2		8 1/8	7 5/8	8	22°	1/2	9 1/2				6.0
3	36	54	1 3/4	1/2	5/8	6	3/8	3 3/4	1 1/2	4 1/4	4	4 7/8	3	2 1/4	10 7/8	11 1/4		12 1/4	11 1/2	12	22°	3/4	13 1/4				13.5
4																											
5																											

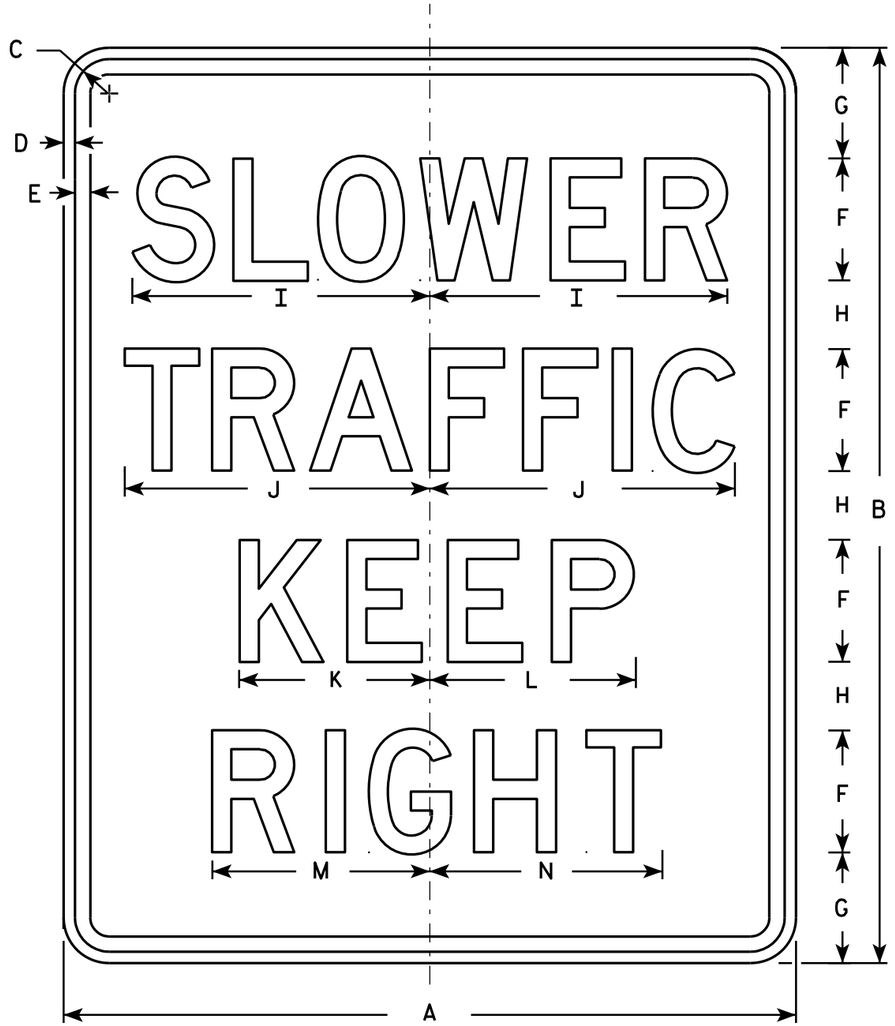
STANDARD SIGN
R3-20L

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 10/18/10 PLATE NO. R3-20L.7

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 259 | E



R4-3

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	30	1 1/8	3/8	1/2	4	3 5/8	2 1/4	9 3/4	10	6 1/4	6 3/4	7 1/8	7 5/8													5.0
2M	24	30	1 1/8	3/8	1/2	4	3 5/8	2 1/4	9 3/4	10	6 1/4	6 3/4	7 1/8	7 5/8													5.0
3	36	48	1 5/8	5/8	3/4	6	6	4	14 5/8	15	9 3/8	10	10 3/4	11 3/8													12.0
4	36	48	1 5/8	5/8	3/4	6	6	4	14 5/8	15	9 3/8	10	10 3/4	11 3/8													12.0
5	48	60	2 1/4	3/4	1	8	7 1/4	4 1/2	19 1/2	20	12 1/2	13 1/2	14 1/4	15 1/4													20.0

STANDARD SIGN
R4-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/25/2011 PLATE NO. R4-3.8

PROJECT NO:

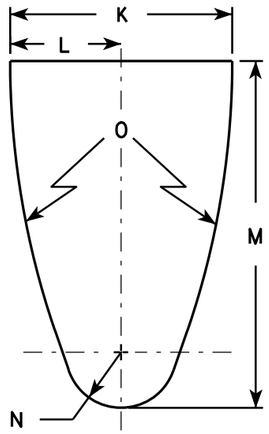
SHEET NO: 260 E

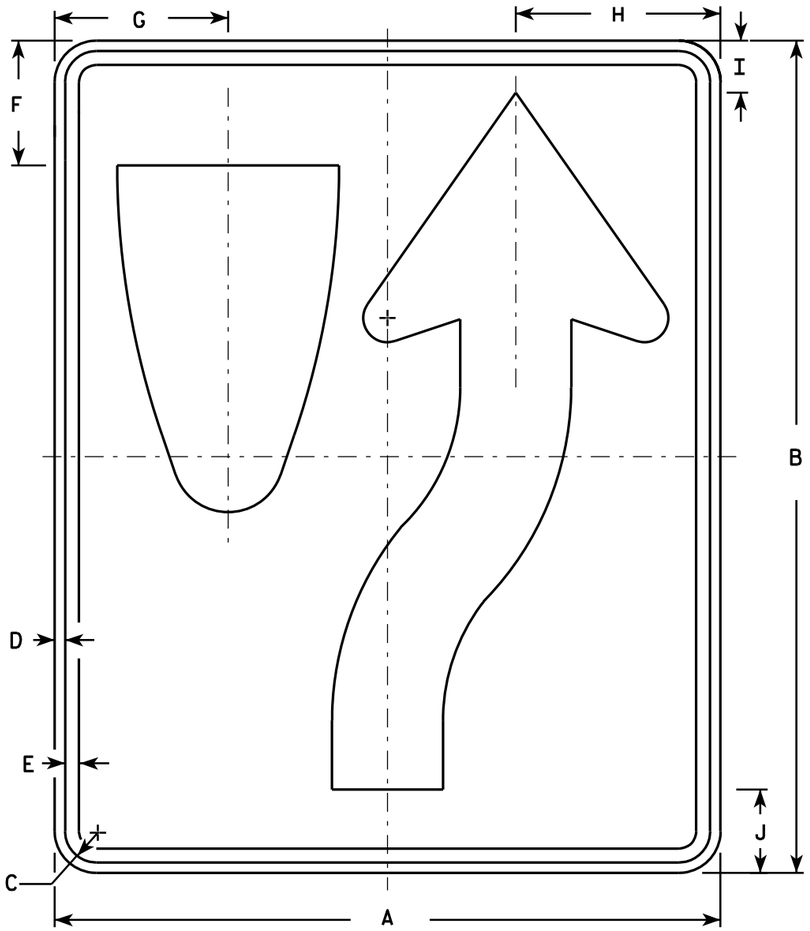
FILE NAME : C:\Users\PROJECTS\tr_stdplate\R43.DGN PLOT DATE : 25-MAR-2011 13:40 PLOT BY : mscsja

WISDOT/CADDS SHEET 42

7

7

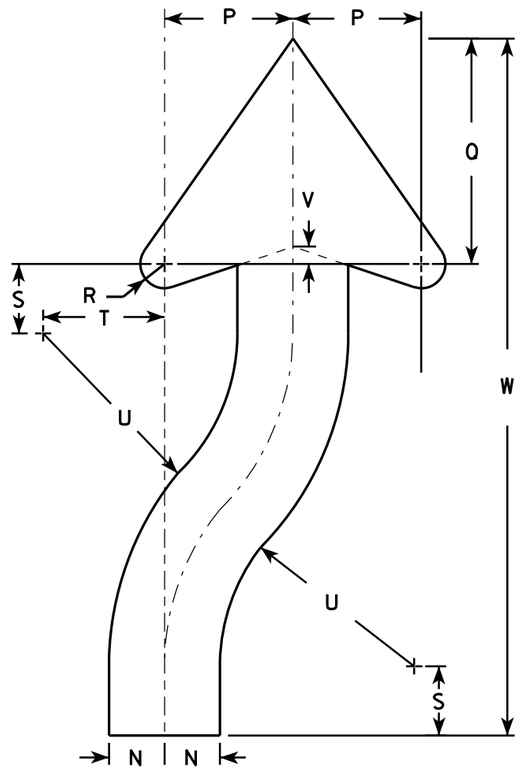




R4-7

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition. material is plywood but borders shall be rounded
2. Color:
   Background - White
   Message - Black
3. Corners may be square or rounded when base as shown. When base material is metal, the corners and borders shall be rounded.
4. R4-8 is the same as R4-7 except Legend is reversed.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18	24	1 1/8	3/8	1/2	3 3/8	4 3/4	5 1/2	1 3/8	2 1/4	6	3	9 3/8	1 1/2	22 1/2	3 1/2	6 1/8	5/8	1 7/8	3 1/4	6 3/4	1/2	20 3/8				3.0
2S	24	30	1 1/8	3/8	1/2	4 1/2	6 1/4	7 3/8	1 7/8	3	8	4	12 1/2	2	30	4 5/8	8 1/8	7/8	2 1/2	4 3/8	9	5/8	25 1/8				5.0
2M	24	30	1 1/8	3/8	1/2	4 1/2	6 1/4	7 3/8	1 7/8	3	8	4	12 1/2	2	30	4 5/8	8 1/8	7/8	2 1/2	4 3/8	9	5/8	25 1/8				5.0
3	36	48	1 3/4	1/2	5/8	6 3/4	9 3/8	11 1/8	2 7/8	4 1/2	12	6	18 3/4	3	45	6 7/8	12 1/4	1 1/4	3 3/4	6 5/8	13 1/2	1	40 3/4				12.0
4	36	48	1 3/4	1/2	5/8	6 3/4	9 3/8	11 1/8	2 7/8	4 1/2	12	6	18 3/4	3	45	6 7/8	12 1/4	1 1/4	3 3/4	6 5/8	13 1/2	1	40 3/4				12.0
5	48	60	2 1/4	3/4	1	9	12 1/2	14 3/4	3 3/4	6	16	8	25	4	60	9 1/4	16 1/4	1 5/8	5	8 3/4	18	1 1/4	50 1/4				20.0

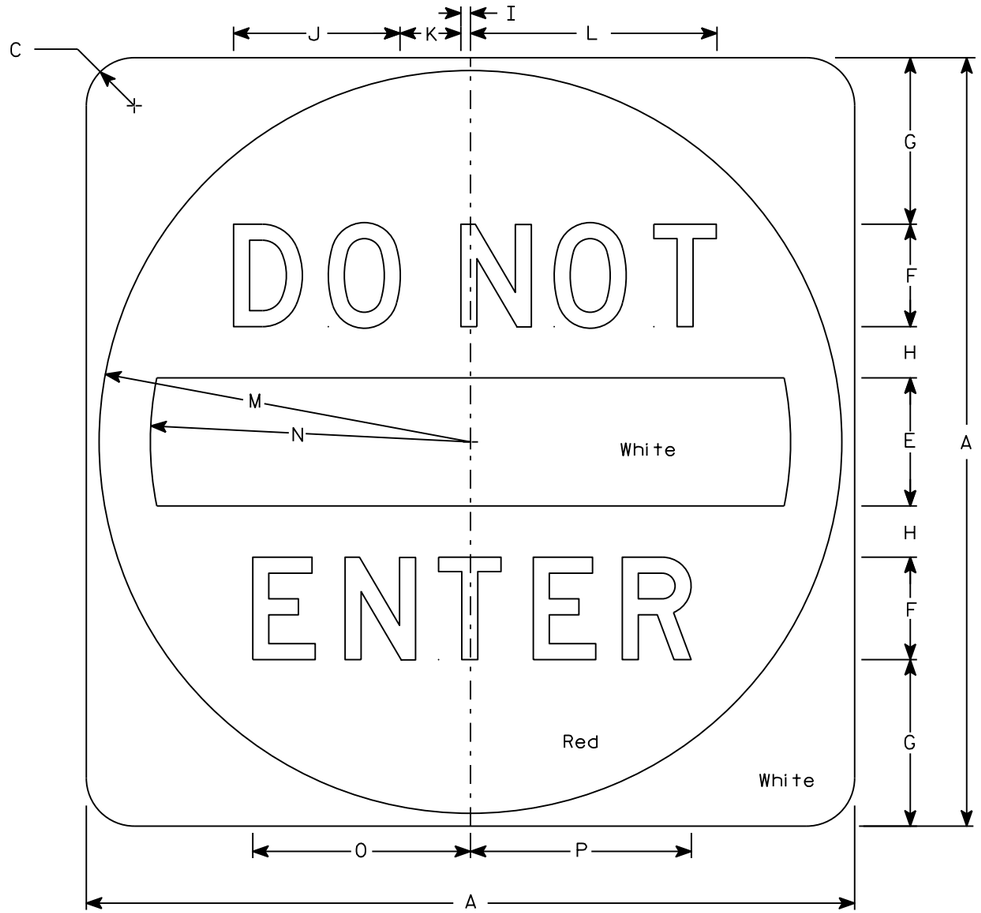
STANDARD SIGN
R4-7 & R4-8

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

DATE 3/25/2011 PLATE NO. R4-7.8

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 261	E



R5-1

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - See detail
   Message - White
3. Message Series - D

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30		1 7/8		5	4	6 1/2	2	3/8	6 1/2	2 3/8	9 5/8	14 1/2	12 1/2	8 1/2	8 5/8											6.25
2M	36		2 1/4		6	5	7 1/2	2 1/2	1/2	8 1/8	3	12 1/8	17 1/2	15	10 5/8	10 3/4											9.0
3	36		2 1/4		6	5	7 1/2	2 1/2	1/2	8 1/8	3	12 1/8	17 1/2	15	10 5/8	10 3/4											9.0
4	36		2 1/4		6	5	7 1/2	2 1/2	1/2	8 1/8	3	12 1/8	17 1/2	15	10 5/8	10 3/4											9.0
5	48		3		8	6	11	3	5/8	9 3/4	3 5/8	14 1/2	23 1/2	20	12 3/4	12 7/8											16.0

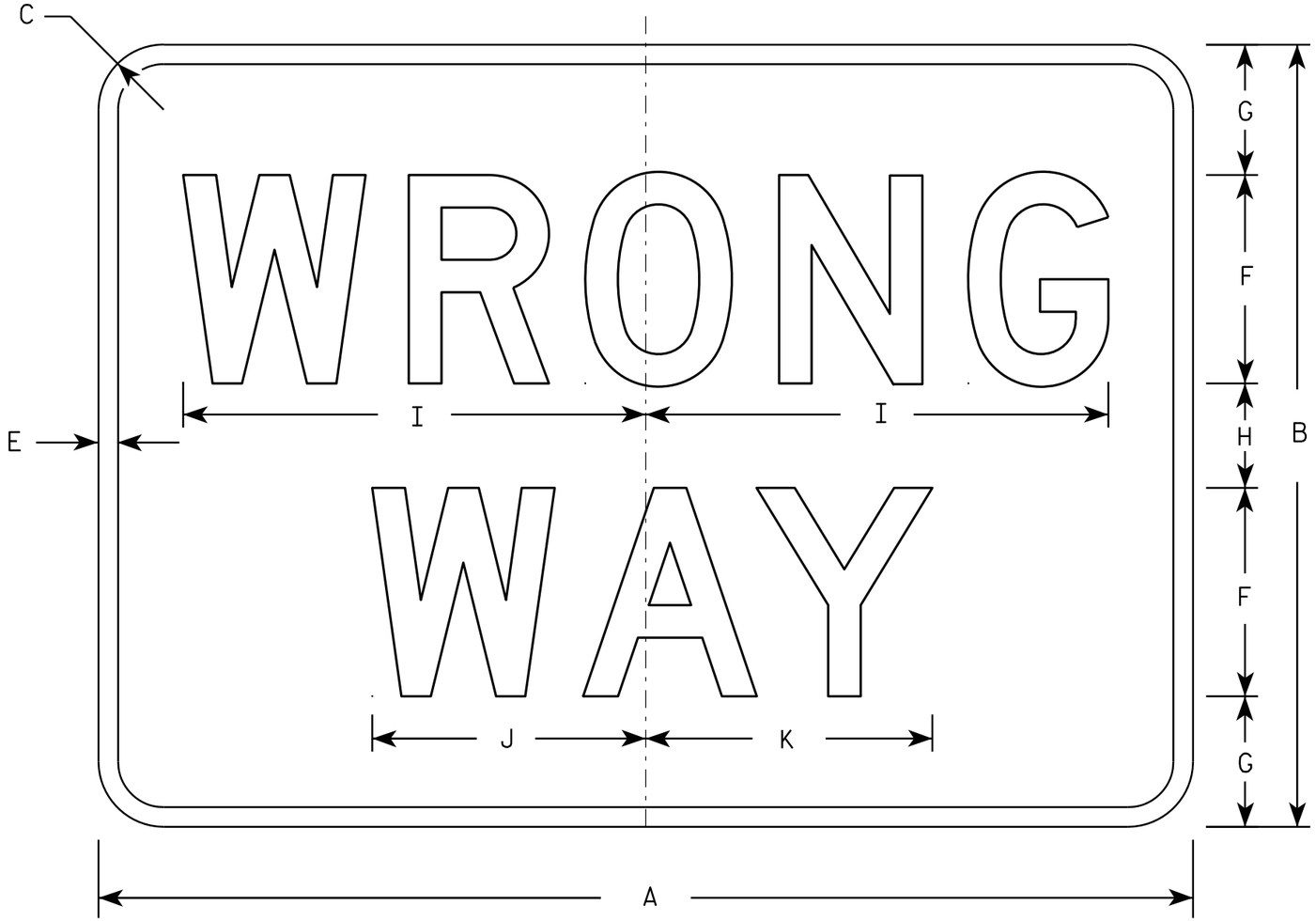
STANDARD SIGN
R5-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/15/18 PLATE NO. R5-1.16

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 262 | E



R5-1A

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Red
   Message - White
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30	18	1 1/2		1/2	5	3	2	11	6 1/2	6 7/8																3.75
2S	36	24	2		5/8	6	4 1/2	3	13 1/4	7 7/8	8 1/4																6.00
2M	42	30	2 1/2		3/4	8	5	4	17 3/4	10 1/2	11																8.75
3	42	30	2 1/2		3/4	8	5	4	17 3/4	10 1/2	11																8.75
4	42	30	2 1/2		3/4	8	5	4	17 3/4	10 1/2	11																8.75
5	42	30	2 1/2		3/4	8	5	4	17 3/4	10 1/2	11																8.75

STANDARD SIGN
R5-1A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/17/10 PLATE NO. R5-1A.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 263	E



R5-57

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - Lines 1, 2, and 5 are Series C.
   Lines 3 and 4 are Series B.
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S																											
2M																											
3																											
4	36		1 5/8	5/8	3/4	4	3	2	3 1/2	14 1/4	14 7/8	11	11 1/2	4 3/4	1 3/4	9		1 3/8	10	11	2 1/2	1 3/4	15 1/2	13	13 5/8		9.0
5	36		1 5/8	5/8	3/4	4	3	2	3 1/2	14 1/4	14 7/8	11	11 1/2	4 3/4	1 3/4	9		1 3/8	10	11	2 1/2	1 3/4	15 1/2	13	13 5/8		9.0

STANDARD SIGN
R5-57

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/29/2011 PLATE NO. R5-57.10

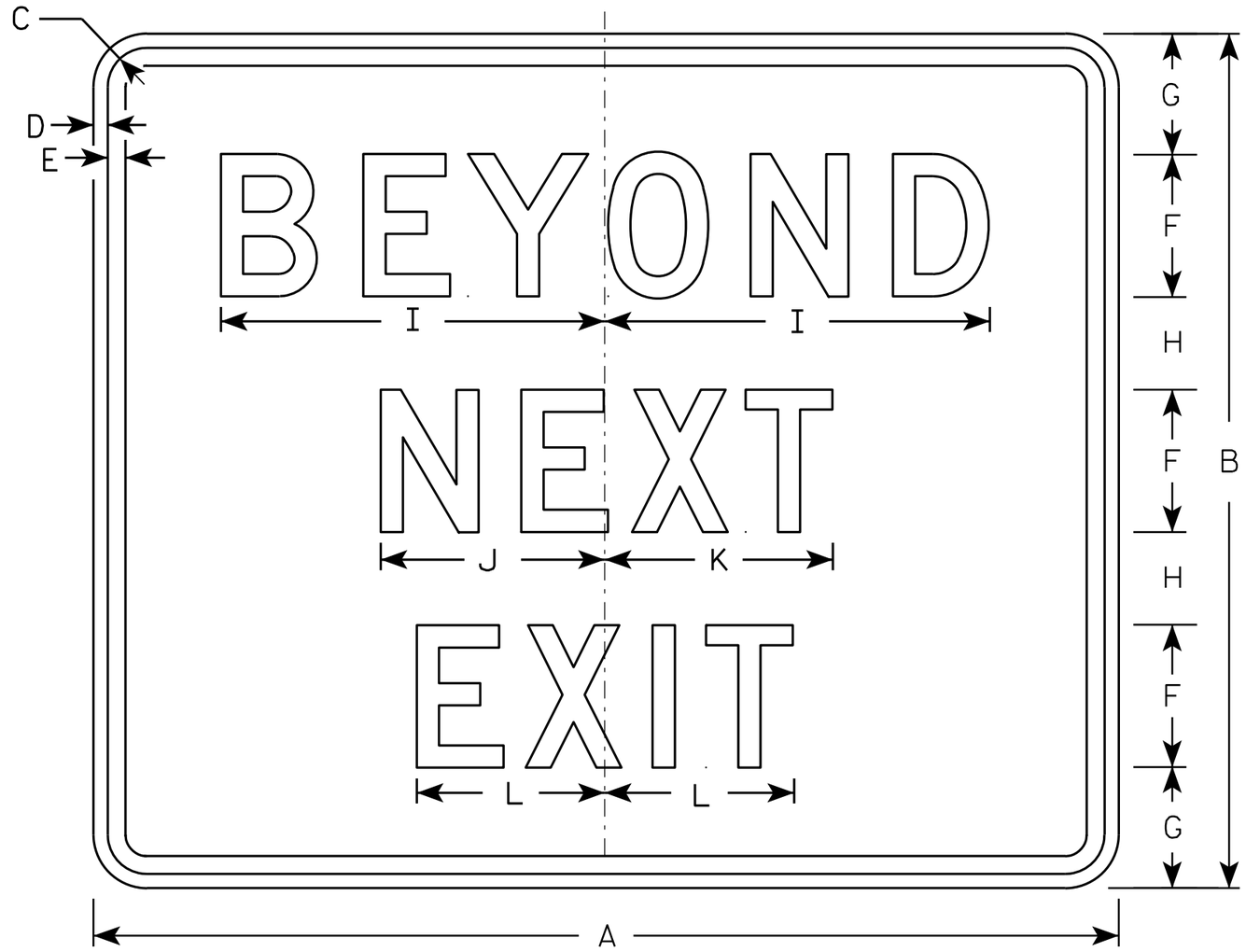
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 264 | E

FILE NAME : C:\Users\PROJECTS\tr_stdplate\R557.DGN PLOT DATE : 29-MAR-2011 14:38 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 5.959043:1.000000

WISDOT/CADDS SHEET 42

7

7



R5-57B

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	36	30	1 3/8	1/2	5/8	5	4 1/4	3 1/4	13 1/2	7 7/8	8	6 5/8															7.5
2M	36	30	1 3/8	1/2	5/8	5	4 1/4	3 1/4	13 1/2	7 7/8	8	6 5/8															7.5
3																											
4																											
5																											

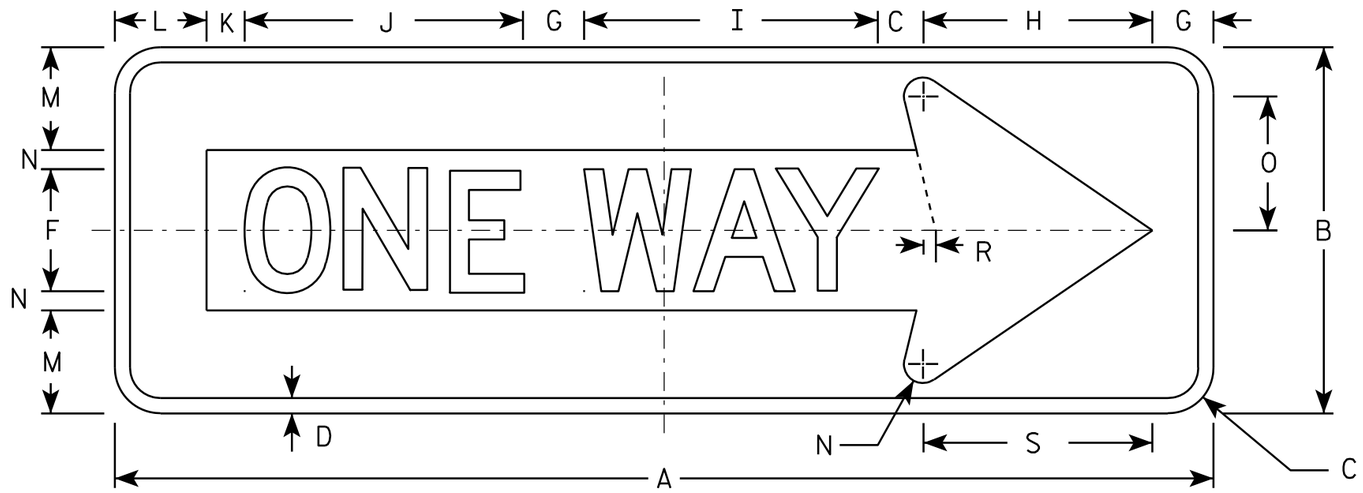
STANDARD SIGN
R5-57B

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/29/2011 PLATE NO. R5-57B.5

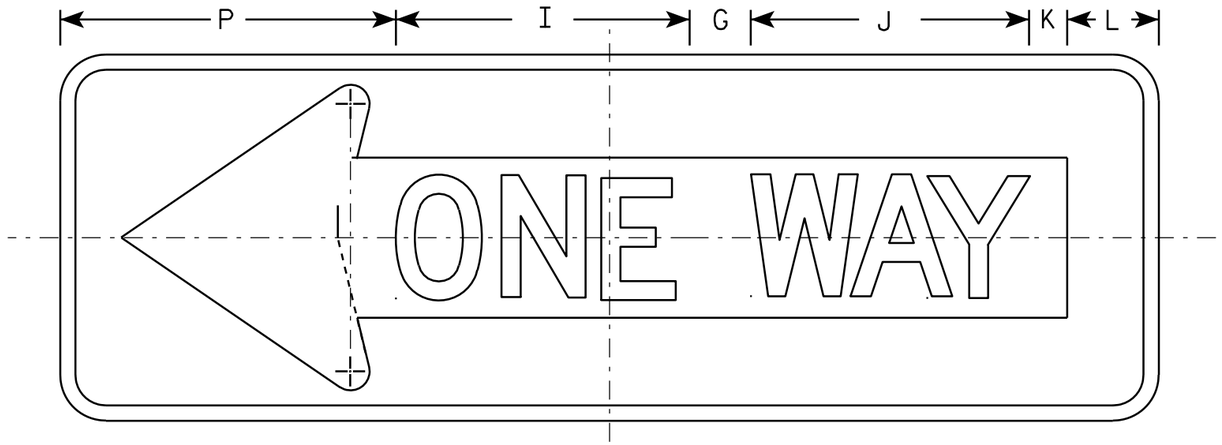
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 265 | E



R6-1R

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - BLACK
   Message - BLACK LEGEND & WHITE ARROW & BORDER
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



R6-1L

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	36	12	1 ½	½		4	2	7 ½	9 ⅝	9 ⅛	1 ¼	3	3 ⅜	⅝	4 ⅜	11		⅜	7 ½								3.0
2M	54	18	2 ¼	¾		6	3	11 ¼	14 ½	13 ⅝	1 ⅞	4 ½	5	1	6 ½	16 ½		⅝	11 ¼								6.75
3	54	18	2 ¼	¾		6	3	11 ¼	14 ½	13 ⅝	1 ⅞	4 ½	5	1	6 ½	16 ½		⅝	11 ¼								6.75
4	54	18	2 ¼	¾		6	3	11 ¼	14 ½	13 ⅝	1 ⅞	4 ½	5	1	6 ½	16 ½		⅝	11 ¼								6.75
5																											

STANDARD SIGN
R6-1 L & R

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

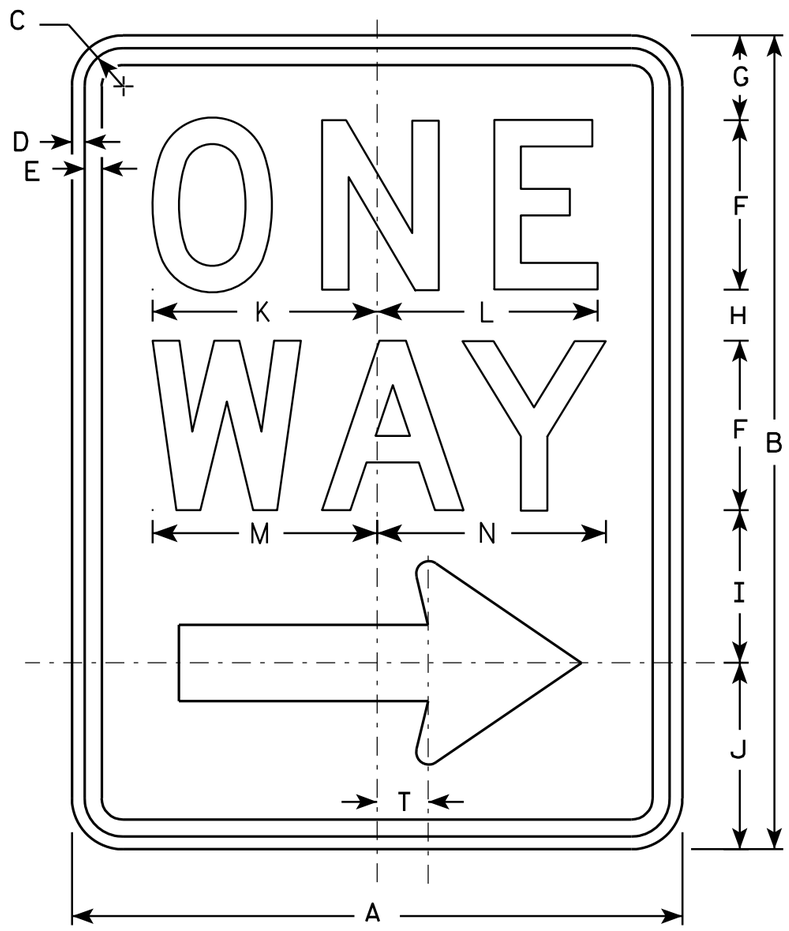
DATE 12/17/10 PLATE NO. R6-1.2

PROJECT NO:

SHEET NO: 266 E

7

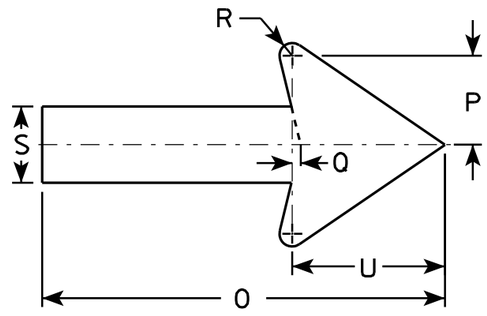
7



R6-2R

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. R6-2L same as R6-2R except arrow points to the left.



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
1	18	24	1 1/8	3/8	1/2	5	2 1/2	1 1/2	4 1/2	5 1/2	6 5/8	6 1/2	6 5/8	6 3/4	11 7/8	2 5/8	1/4	3/8	2 1/4	1 1/2	4 1/2					
2S	24	30	1 1/8	3/8	1/2	6	3	2 1/2	5 1/2	7	8 1/8	8 1/8	8 1/2	8 5/8	16	3 1/2	3/8	1/2	3	2	6					
2M	30	36	1 3/8	1/2	5/8	8	2 1/2	2 5/8	6 7/8	8	10 1/2	10 1/2	11 1/4	11 1/4	20	4 3/8	1/2	5/8	3 3/4	2 1/2	7 1/2					
3	36	48	1 7/8	1/2	5/8	10	5 1/4	3 1/4	9	10 1/2	12 3/4	12 3/4	13 1/4	13 1/2	24	5 5/8	1/2	3/4	4 3/4	3	9					
4	36	48	1 7/8	1/2	5/8	10	5 1/4	3 1/4	9	10 1/2	12 3/4	12 3/4	13 1/4	13 1/2	24	5 5/8	1/2	3/4	4 3/4	3	9					
5																										

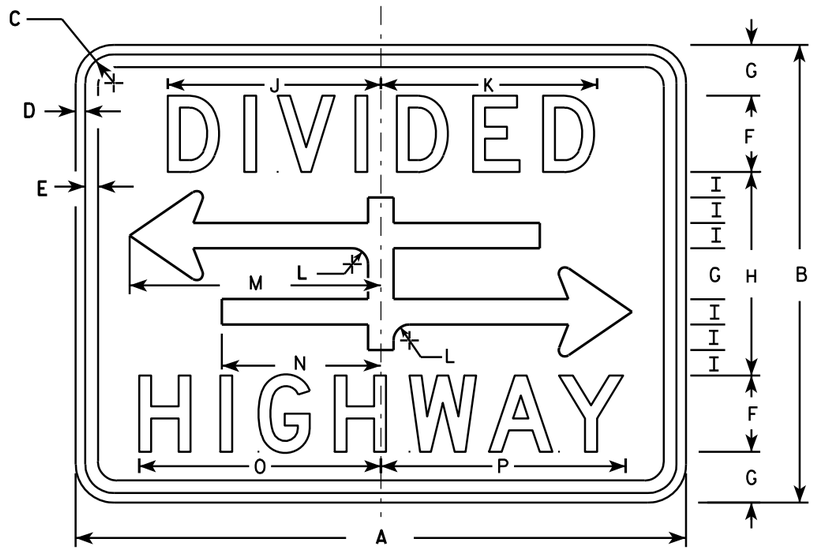
STANDARD SIGN
R6-2 R&L

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/2/10 PLATE NO. R6-2.8

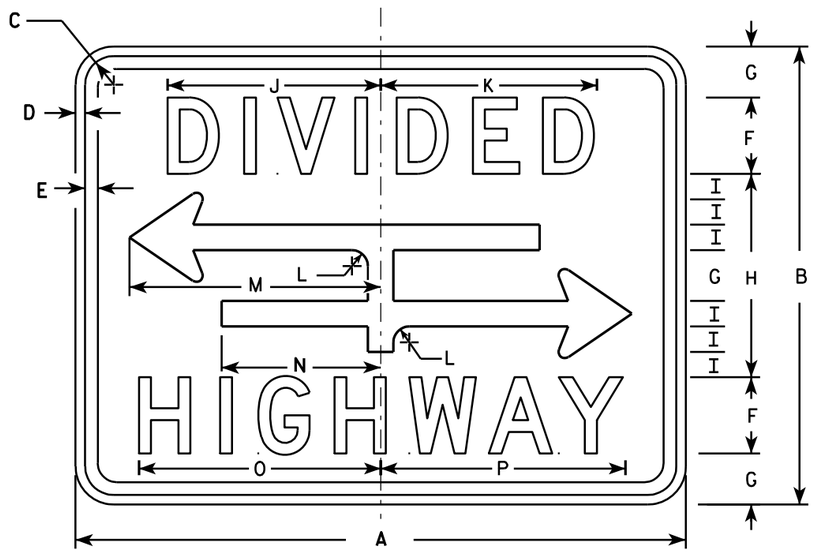
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 267 | E



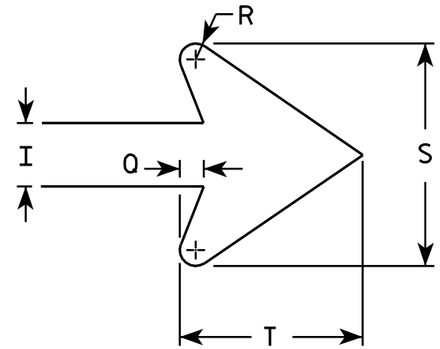
R6-3

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



R6-3A



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24	18	1 1/8	3/8	3/8	3	2	8	1	8 3/8	8 1/2	5/8	9 7/8	6 1/4	9 1/2	9 5/8	3/8	1/4	3 1/2	2 3/4							3.0
2S	30	24	1 1/8	3/8	1/2	4	2 5/8	10 3/4	1 3/8	10 1/2	10 5/8	7/8	12 1/2	7 7/8	12 1/4	12 3/8	1/2	3/8	4 5/8	3 5/8							5.0
2M	30	24	1 1/8	3/8	1/2	4	2 5/8	10 3/4	1 3/8	10 1/2	10 5/8	7/8	12 1/2	7 7/8	12 1/4	12 3/8	1/2	3/8	4 5/8	3 5/8							5.0
3																											
4																											
5																											

STANDARD SIGN
R6-3 & R6-3A

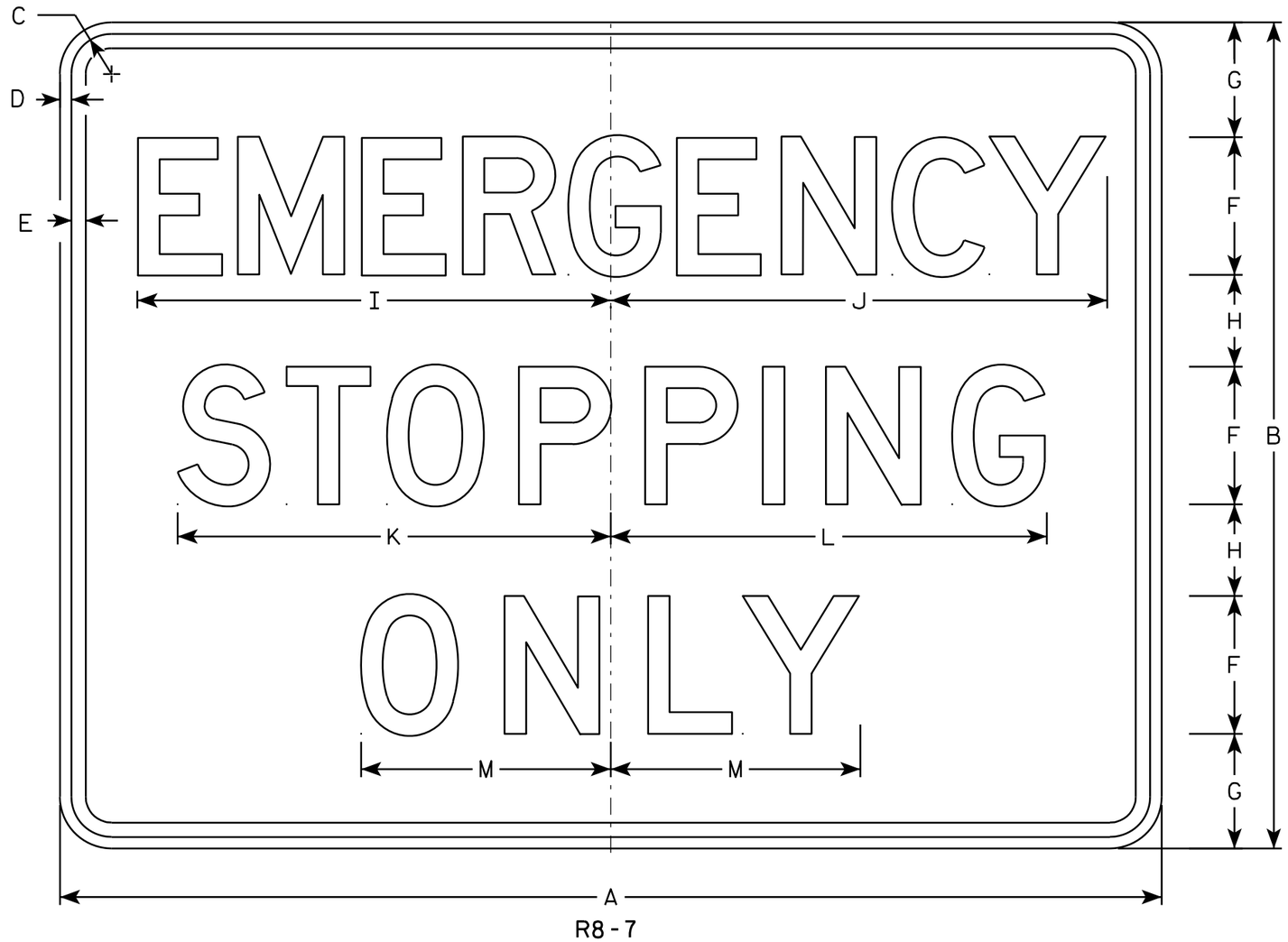
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/31/2011 PLATE NO. R6-3.5

PROJECT NO:

SHEET NO: 268 E



R8-7

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S																											
2M																											
3																											
4	48	36	1 3/4	1/2	5/8	6	5	4	20 5/8	21 5/8	18 7/8	19	10 7/8														12.0
5	48	36	1 3/4	1/2	5/8	6	5	4	20 5/8	21 5/8	18 7/8	19	10 7/8														12.0

STANDARD SIGN
R8-7

WISCONSIN DEPT OF TRANSPORTATION

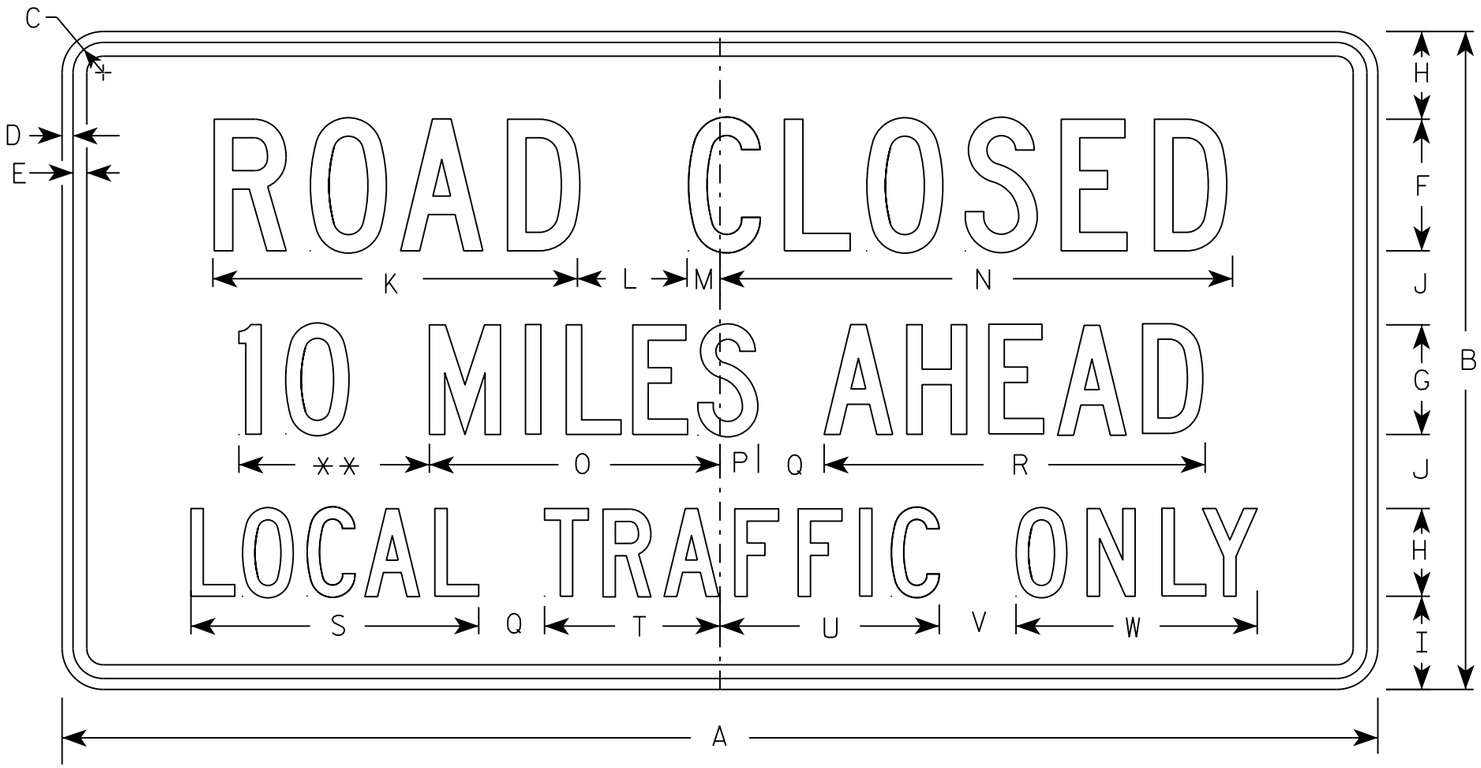
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/31/2011 PLATE NO. R8-7.6

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 269 | E

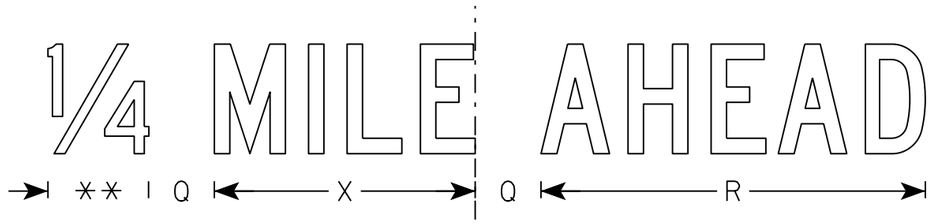
NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate numerals to nearest quarter mile and optically adjust spacing to achieve proper balance.



R11-3

** See Note 5



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36	18	1 3/8	1/2	5/8	4	3	2 1/2	2	2	11 1/8	3	1 1/8	15 1/4	8	1 1/2	2	10 3/4	8 3/8	4 3/4	6 1/2	2	6 3/4	7 1/8			4.5
2S	60	30	1 3/8	1/2	5/8	6	5	4	4 1/4	3 3/8	16 5/8	5	1 1/2	23	13 1/4	1 3/4	3	17 3/8	13 1/8	8	10	3 1/2	11	11 7/8			12.5
2M	60	30	1 3/8	1/2	5/8	6	5	4	4 1/4	3 3/8	16 5/8	5	1 1/2	23	13 1/4	1 3/4	3	17 3/8	13 1/8	8	10	3 1/2	11	11 7/8			12.5
3																											
4																											
5																											

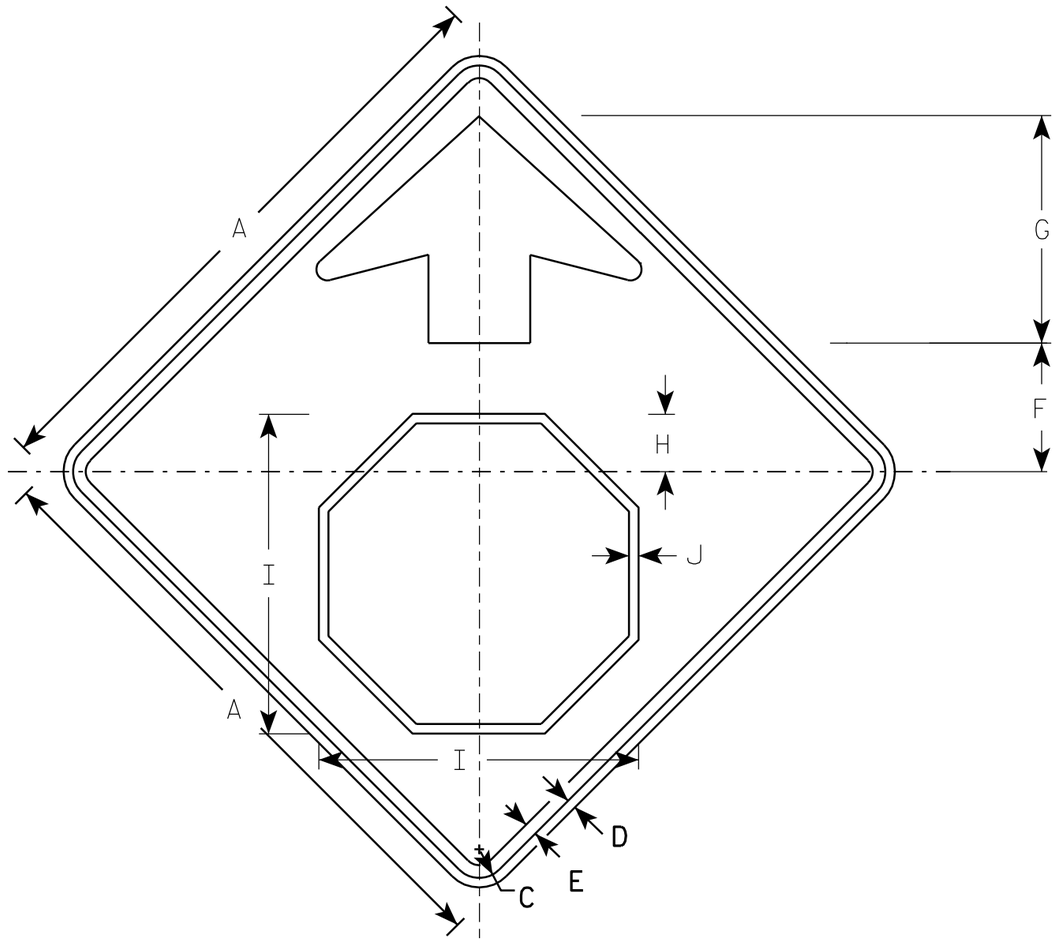
STANDARD SIGN
R11-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/15/17 PLATE NO. R11-3.8

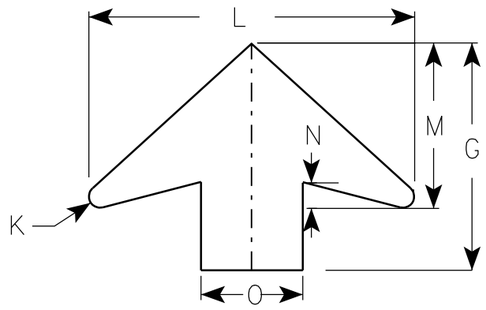
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 270	E



W3-1

NOTES

1. All Signs Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - YELLOW
   Arrow & Border - BLACK
   Stop Symbol - WHITE BORDER ON RED BACKGROUND



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 3/8	1/2	5/8	6 1/4	11 1/4	2 7/8	15 3/4	1/2	1/2	16	8	1 1/4	5												6.25
2S	36		1 5/8	5/8	3/4	7 1/2	13 1/2	3 1/2	19	5/8	5/8	19 1/4	9 3/4	1 5/8	6												9.0
2M	36		1 5/8	5/8	3/4	7 1/2	13 1/2	3 1/2	19	5/8	5/8	19 1/4	9 3/4	1 5/8	6												9.0
3	36		1 5/8	5/8	3/4	7 1/2	13 1/2	3 1/2	19	5/8	5/8	19 1/4	9 3/4	1 5/8	6												9.0
4	48		2 1/4	3/4	1	10	17 7/8	4 1/2	25 1/8	3/4	7/8	25 5/8	13	2	8												16.0
5	48		2 1/4	3/4	1	10	17 7/8	4 1/2	25 1/8	3/4	7/8	25 5/8	13	2	8												16.0

STANDARD SIGN
W3-1

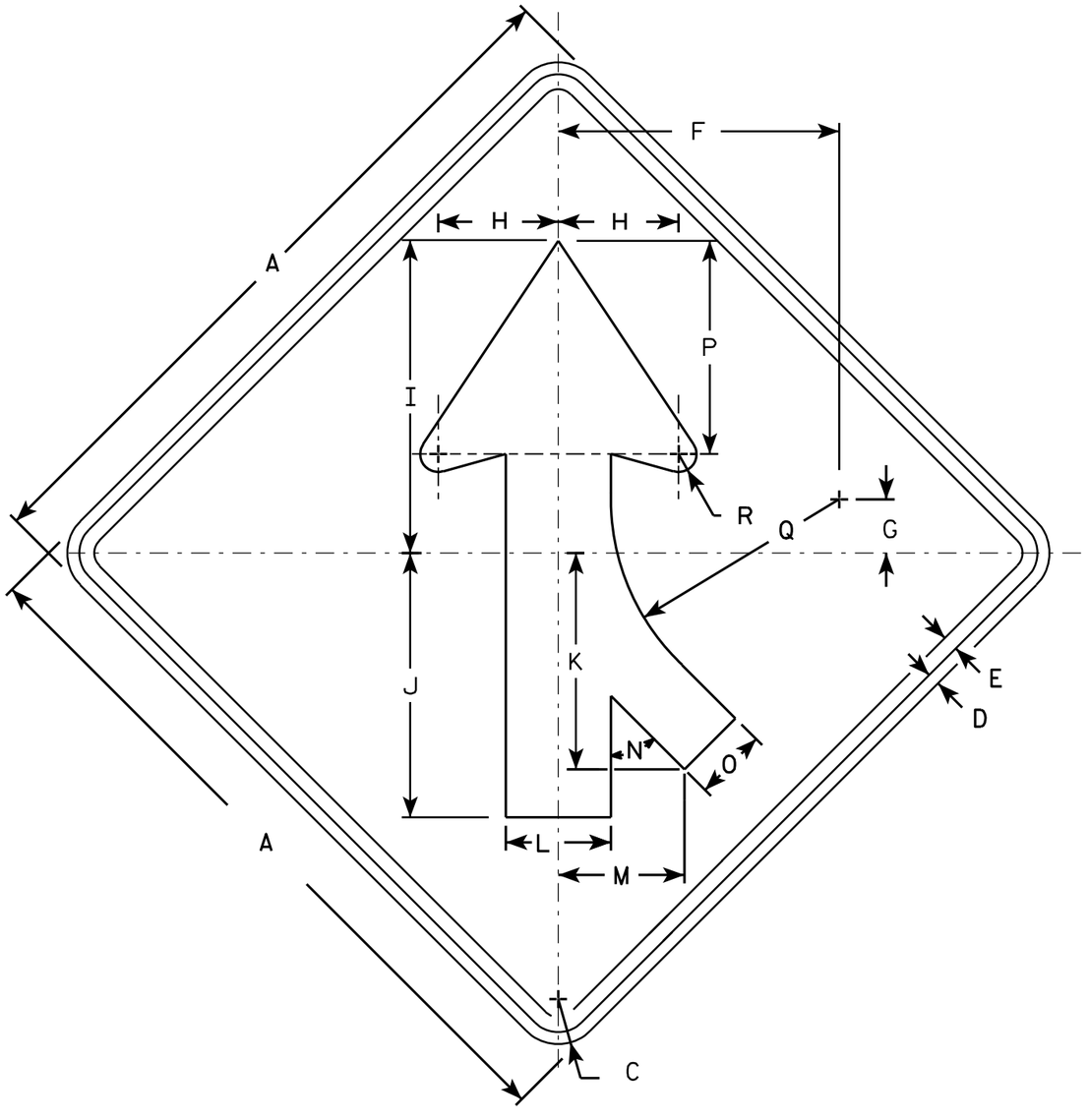
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 6/7/10 PLATE NO. W3-1.12

PROJECT NO:

SHEET NO: 271 E



W4-1 R

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. W4-1L is the same as W4-1R except the arrow is reversed along the vertical centerline.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 3/8	1/2	5/8	11 5/8	2 1/2	5	13	11	9	4 3/8	5 1/4	45°	3	8 7/8	9 1/2	3/4									6.25
2S	36		1 5/8	5/8	3/4	14	2 3/4	6	15 3/4	13 1/4	10 1/4	5 1/4	6 3/8	45°	3 5/8	10 5/8	11 3/8	7/8									9.0
2M	36		1 5/8	5/8	3/4	14	2 3/4	6	15 3/4	13 1/4	10 1/4	5 1/4	6 3/8	45°	3 5/8	10 5/8	11 3/8	7/8									9.0
3	36		1 5/8	5/8	3/4	14	2 3/4	6	15 3/4	13 1/4	10 1/4	5 1/4	6 3/8	45°	3 5/8	10 5/8	11 3/8	7/8									9.0
4	48		2 1/4	3/4	1	18 3/4	3 5/8	8	20 1/2	17 1/2	14 3/8	7	8 3/8	45°	4 3/4	14 1/4	15 1/4	1 1/4									16.0
5	48		2 1/4	3/4	1	18 3/4	3 5/8	8	20 1/2	17 1/2	14 3/8	7	8 3/8	45°	4 3/4	14 1/4	15 1/4	1 1/4									16.0

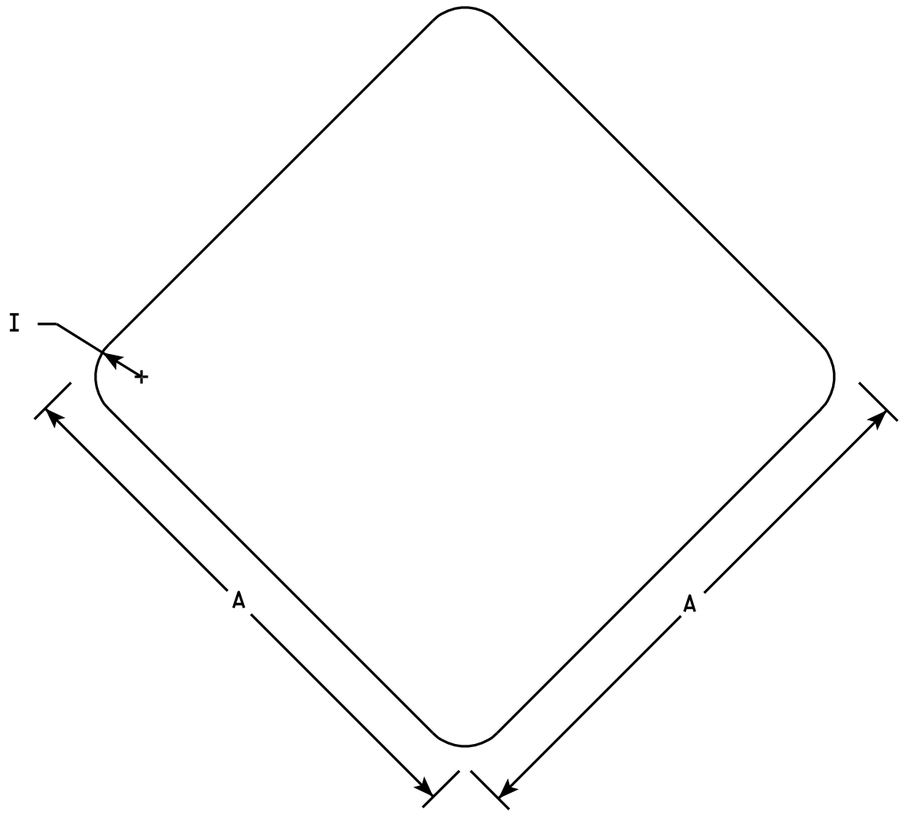
STANDARD SIGN
W4-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 03/12/13 PLATE NO. W4-1.14

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 272 | E



W5-56

NOTES

1. Sign is Type II - Type SH Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Red
3. Corners may be square or rounded when base material is plywood. When base material is metal the corners shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	12								1																		1.0
2S	18								1 ½																		2.25
2M	18								1 ½																		2.25
3																											
4																											
5																											

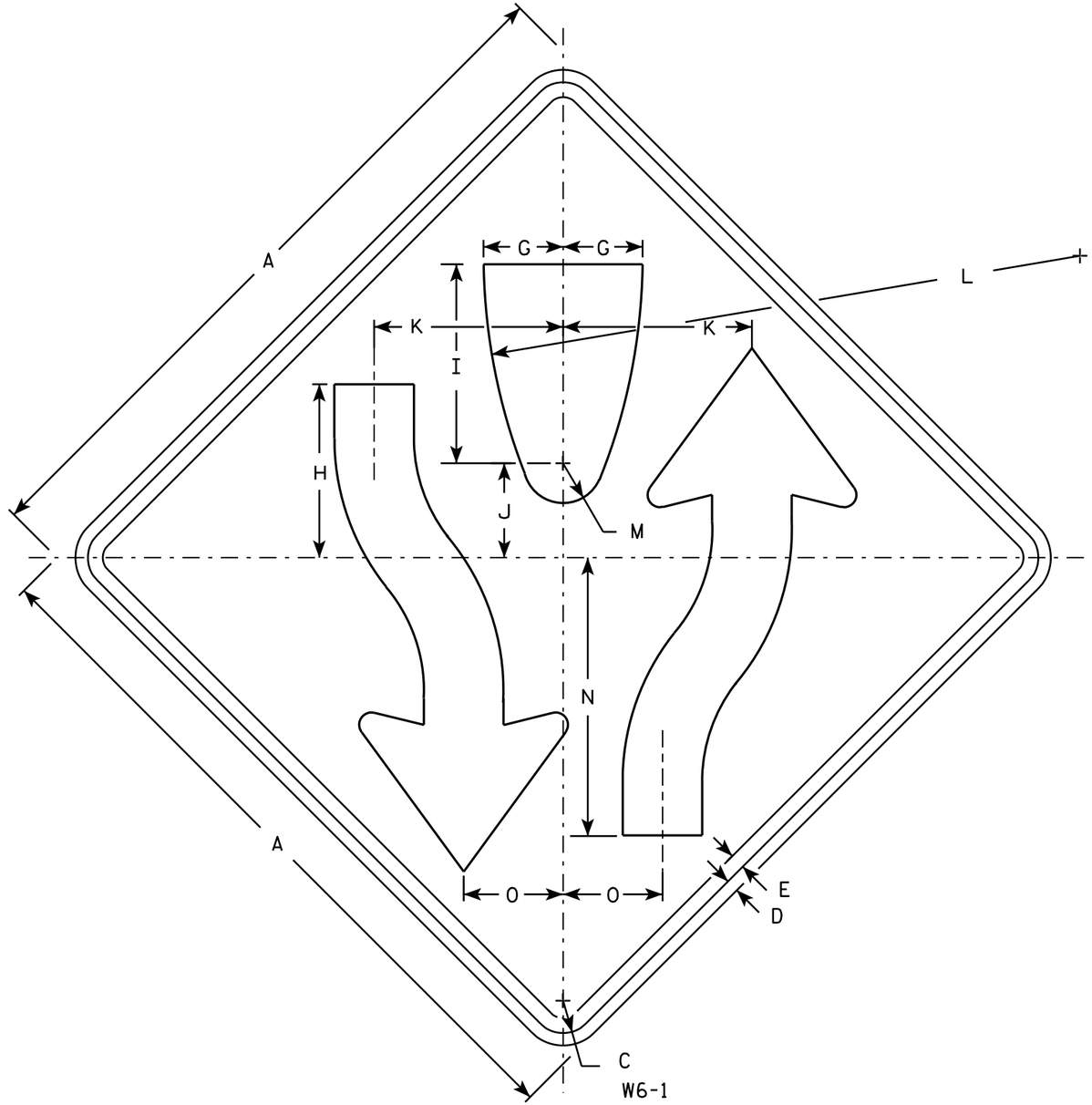
STANDARD SIGN
W5-56

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

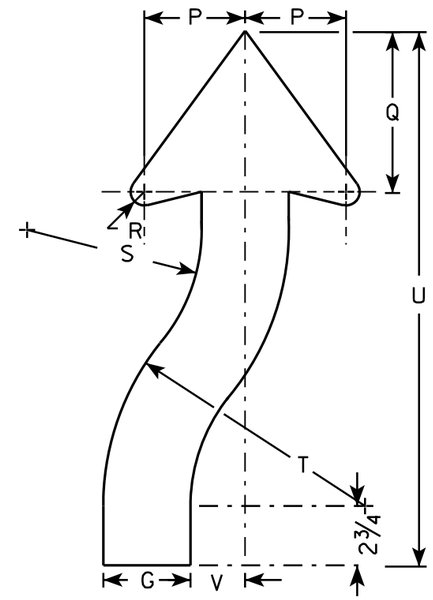
DATE 11/2/10 PLATE NO. W5-56.6

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 273	E



NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. W6-2 same as W6-1 but is rotated 180° when mounted.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 3/8	1/2	5/8		3 1/4	8	8 1/4	4 1/8	7 7/8	25	1 3/4	11 5/8	4 1/8	3 7/8	6 3/4	5/8	6 5/8	9 7/8	21 5/8	2					6.25
2S	36		1 5/8	5/8	3/4		4	8 3/4	10	4 3/4	9 1/2	30	2	14	5	4 5/8	7 3/8	7/8	8	12	24 1/2	2 1/2					9.0
2M	36		1 5/8	5/8	3/4		4	8 3/4	10	4 3/4	9 1/2	30	2	14	5	4 5/8	7 3/8	7/8	8	12	24 1/2	2 1/2					9.0
3																											
4	48		2 1/4	3/4	1		5 3/8	11 5/8	13 3/8	6 3/8	12 5/8	40	2 5/8	18 5/8	6 5/8	6 1/4	9 7/8	1 1/4	10 5/8	16	32 5/8	3 3/8					16.0
5	48		2 1/4	3/4	1		5 3/8	11 5/8	13 3/8	6 3/8	12 5/8	40	2 5/8	18 5/8	6 5/8	6 1/4	9 7/8	1 1/4	10 5/8	16	32 5/8	3 3/8					16.0

STANDARD SIGN
W6-1 & W6-2

WISCONSIN DEPT OF TRANSPORTATION

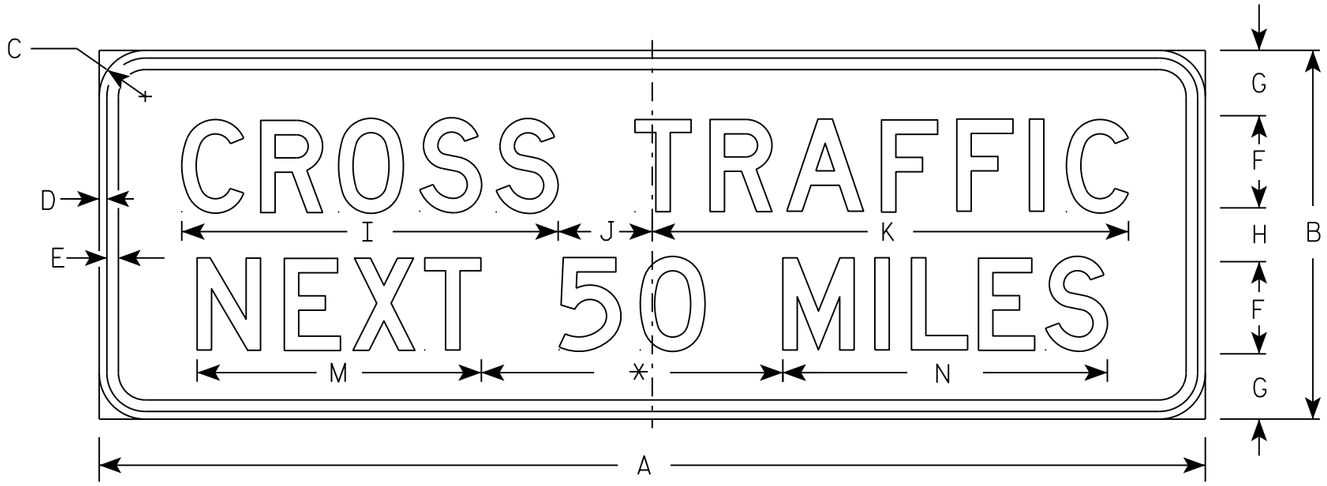
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 03/12/13 PLATE NO. W6-1.14

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 274	E

7

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W61.DGN PLOT DATE : 12-MAR-2013 14:02 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 6.946657:1.000000
WISDOT/CADDS SHEET 42



W6-53

* Varies (See Note 5)

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black Non - reflective
3. Message Series - D
4. Corners and borders shall be rounded.
5. Round distance to nearest whole Mile and substitute appropriate numerals and optically adjust spacing to achieve proper balance.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S																											
2M																											
3																											
4	144	48	6	1	1 1/2	12	9	6	49	12 1/4	62		37	42 1/4													48.0
5																											

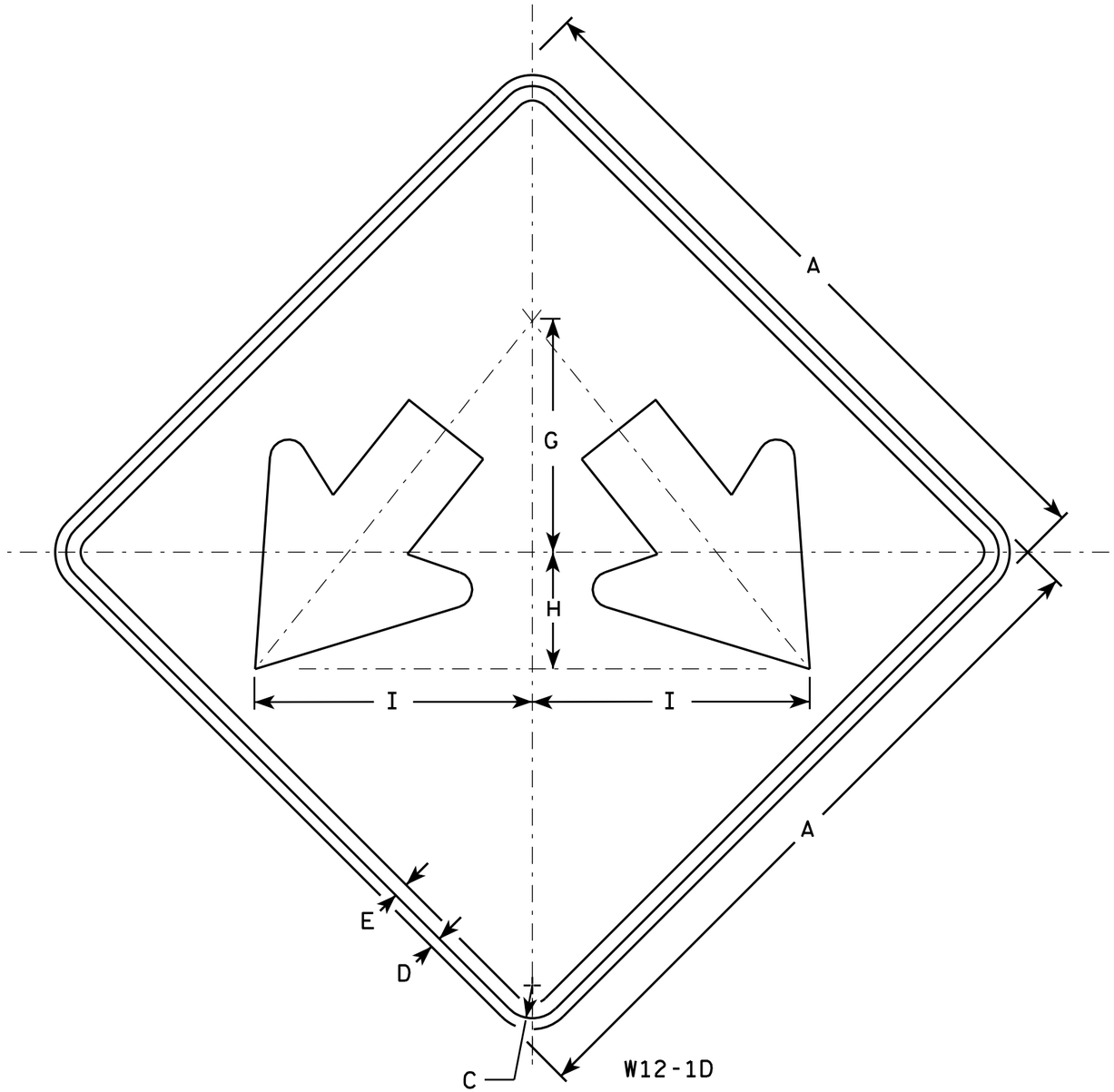
STANDARD SIGN
W6-53

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

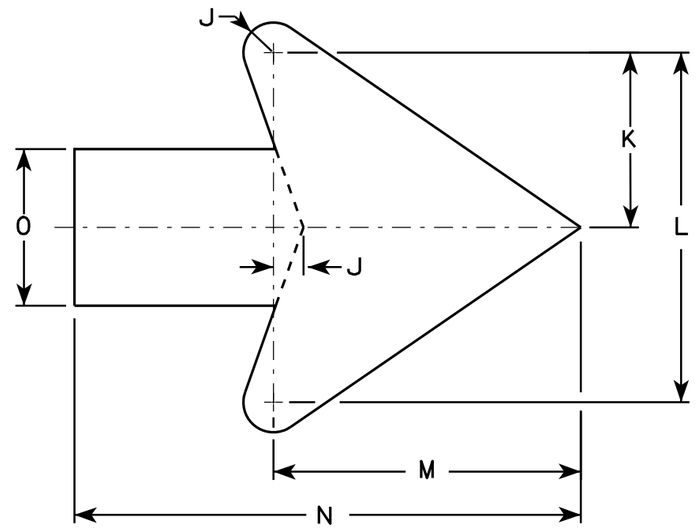
DATE 3/14/17 PLATE NO. W6-53.7

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 275 | E



NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



Arrow Detail

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24		1 1/8	1/2	3/8		8	4	9 1/2	3/8	3 3/8	7 1/4	6 3/8	10 3/8	3 1/4												4.0
2M	24		1 1/8	1/2	3/8		8	4	9 1/2	3/8	3 3/8	7 1/4	6 3/8	10 3/8	3 1/4												4.0
3	30		1 3/8	1/2	5/8		10	5	11 7/8	3/4	4 1/2	9	7 7/8	13	4												6.25
4	36		1 3/8	1/2	5/8		12	6	14 1/4	1	5 1/2	10 7/8	9 5/8	15 3/4	4 3/4												9.0
5	48		2 1/4	3/4	1		16	8	19	1 1/4	7 1/4	14 1/2	12 3/4	21	6 1/4												16.0

STANDARD SIGN
W12-1D

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/13/13 PLATE NO. W12-1D.15

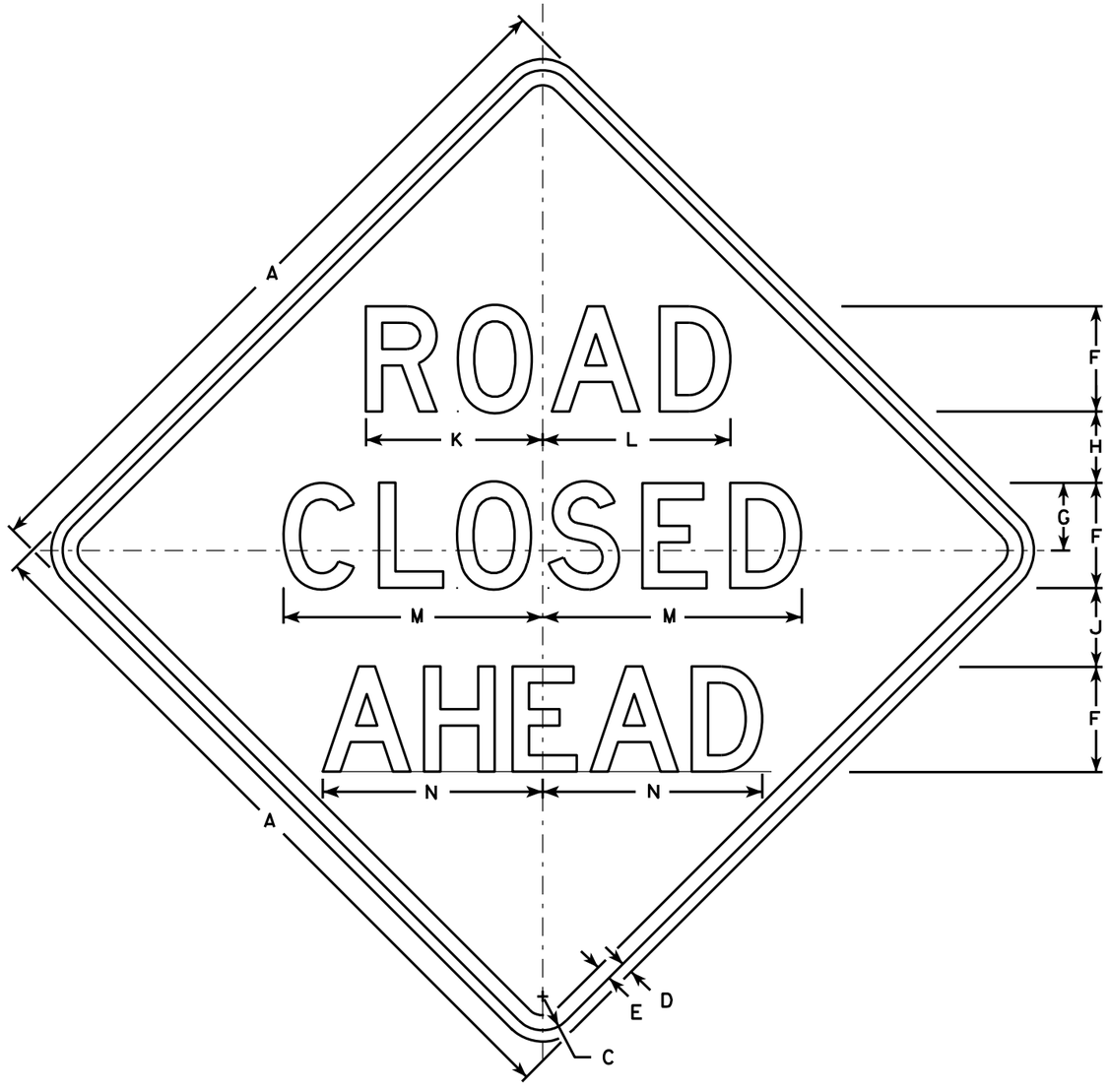
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 276	E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W121D.DGN PLOT DATE : 13-MAR-2013 13:26 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 4.713802:1.000000

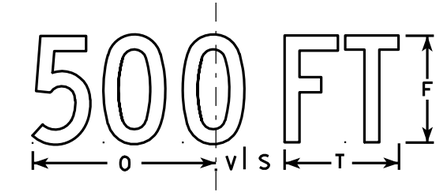
WISDOT/CADDS SHEET 42

7

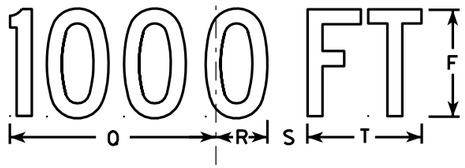
7



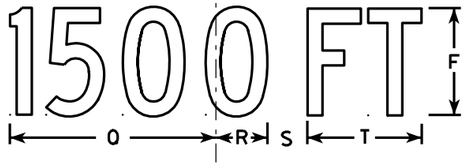
W20-3A



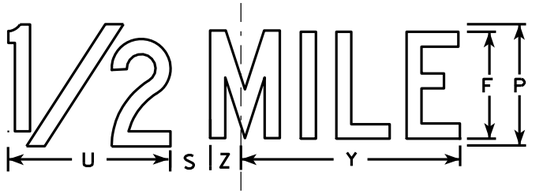
W20-3D



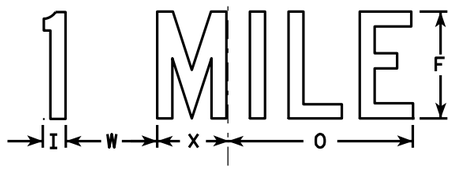
W20-3C



W20-3B



W20-3G



W20-3F

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Message Series - see note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Lines 1 and 2 are Series D.
   Line 3 is Series D for AHEAD and Series C for all other distances.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 5/8	5/8	3/4	5	3 3/8	3 1/2	1 1/8	4	8 3/8	8 7/8	12 1/2	11	9	6	10 1/8	2 1/2	1 7/8	5 5/8	8	1 3/8	4 1/2	3 1/2	10 3/4	1 3/4	9.0
2S	48		2 1/4	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
2M	48		2 1/4	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
3	48		2 1/4	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
4	48		2 1/4	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
5	48		2 1/4	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0

STANDARD SIGN
W20-3A, B, C, D, F & G

WISCONSIN DEPT OF TRANSPORTATION

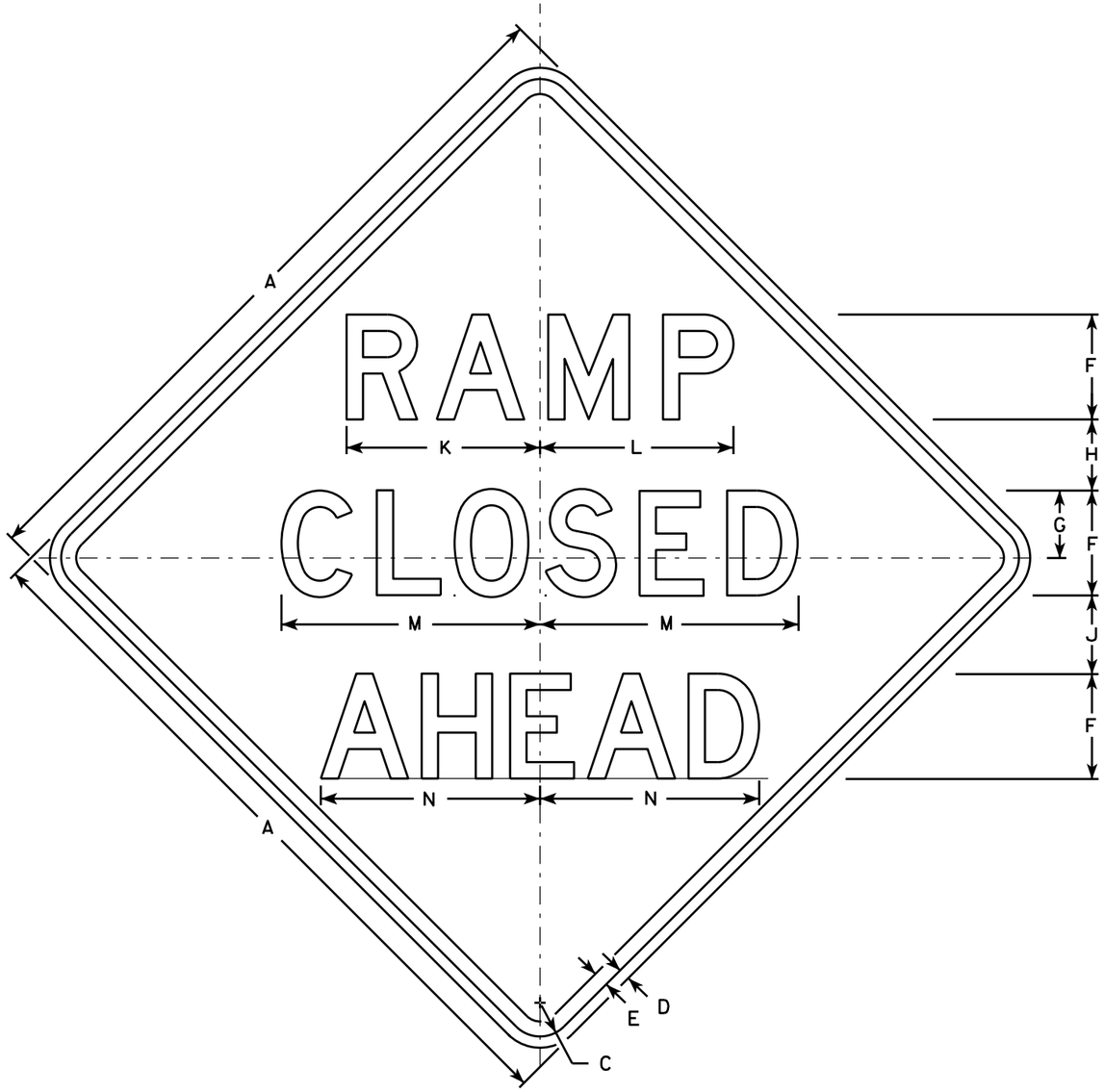
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/18/11 PLATE NO. W20-3.7

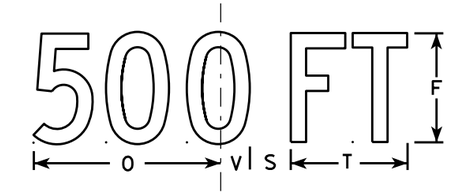
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 277 | E

7

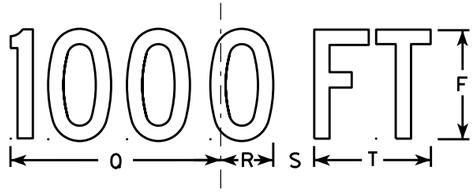
FILE NAME : C:\Users\PROJECTS\tr_stdplate\W203.DGN PLOT DATE : 18-MAR-2011 12:08 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 9.931739:1.000000
WISDOT/CADDS SHEET 42



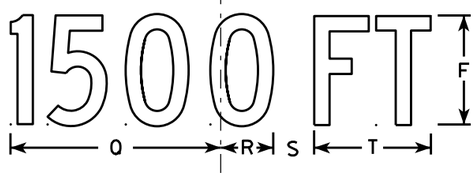
W20-53A



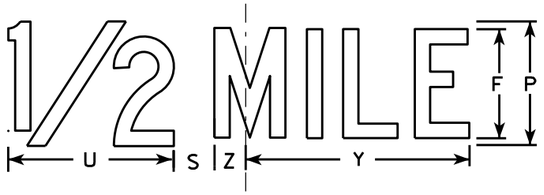
W20-53D



W20-53C



W20-53B



W20-53G



W20-53F

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Message Series - see note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Lines 1 and 2 are Series D.
   Line 3 is Series D for AHEAD and Series C for all other distances.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 5/8	5/8	3/4	5	3 3/8	3 1/2	1 1/8	4	9 1/4	9 1/4	12 1/2	11	9	6	10 1/8	2 1/2	1 7/8	5 5/8	8	1 3/8	4 1/2	3 1/2	10 3/4	1 3/4	9.0
2S	48		2 1/4	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	12 7/8	12 7/8	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
2M	48		2 1/4	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	12 7/8	12 7/8	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
3	48		2 1/4	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	12 7/8	12 7/8	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
4	48		2 1/4	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	12 7/8	12 7/8	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
5	48		2 1/4	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	12 7/8	12 7/8	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0

STANDARD SIGN
W20-53A,B,C,D,F,G

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

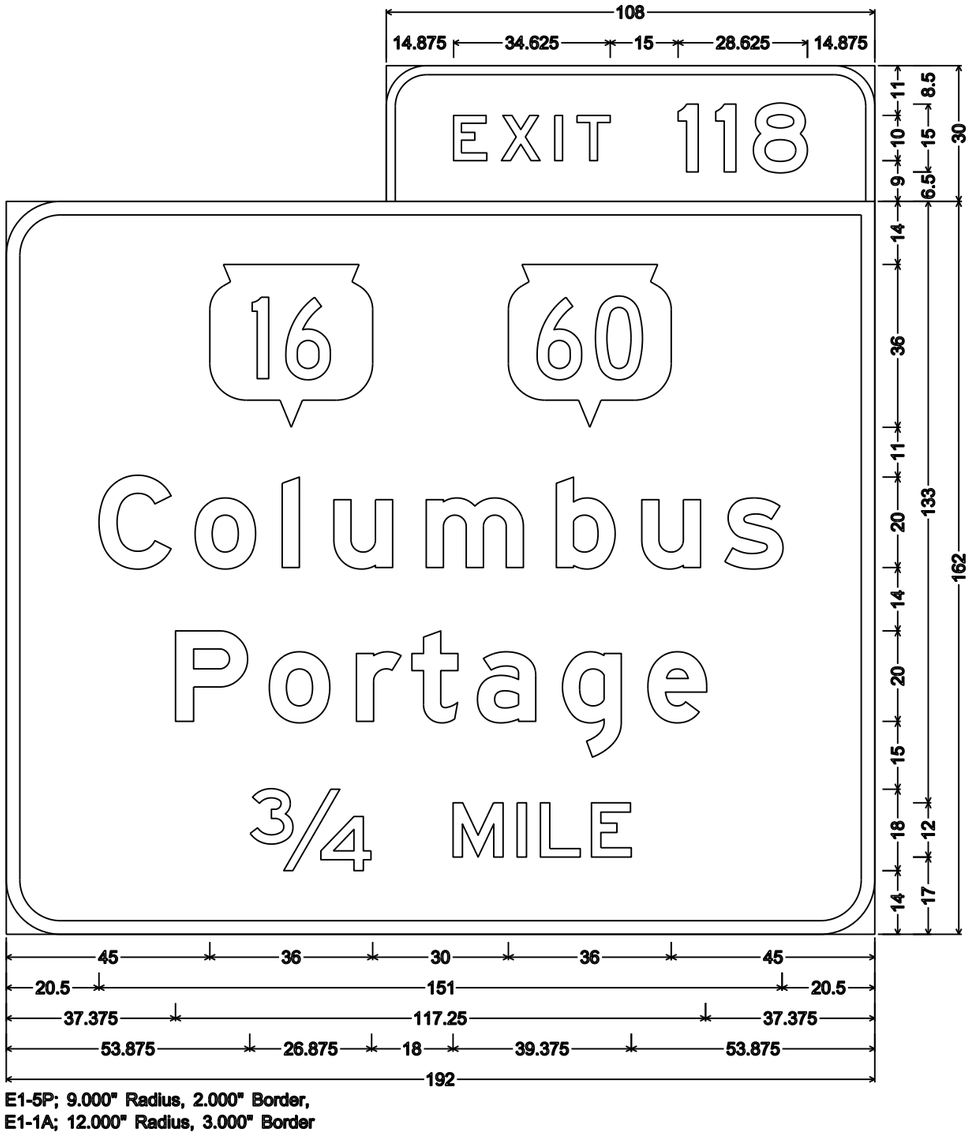
DATE 5/27/15 PLATE NO. W20-53.1

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

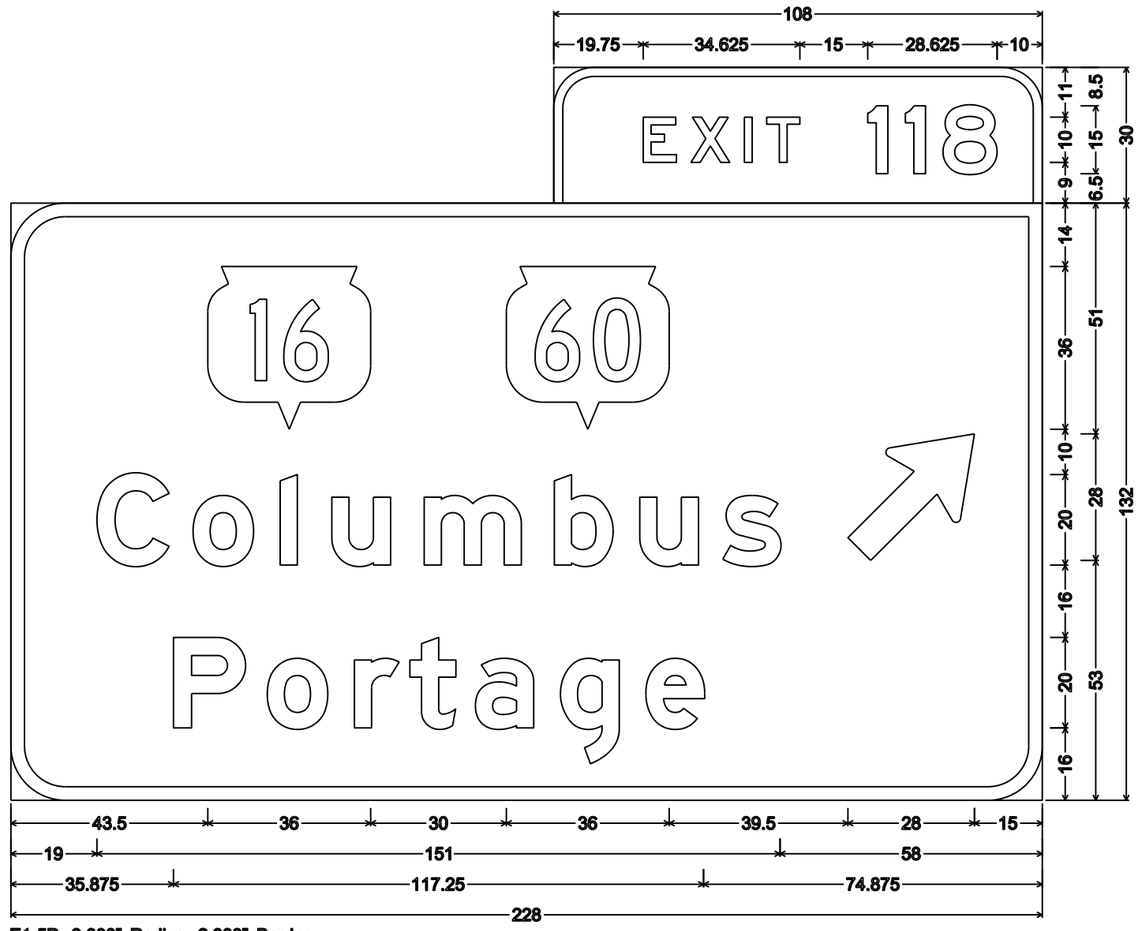
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W2053.DGN PLOT DATE : 27-MAY-2015 19:40 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 9.729210:1.000000
WISDOT/CADDS SHEET 42

NOTES

1. All Signs are Type I - Type SH Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - E Modified except all CAP words Series E



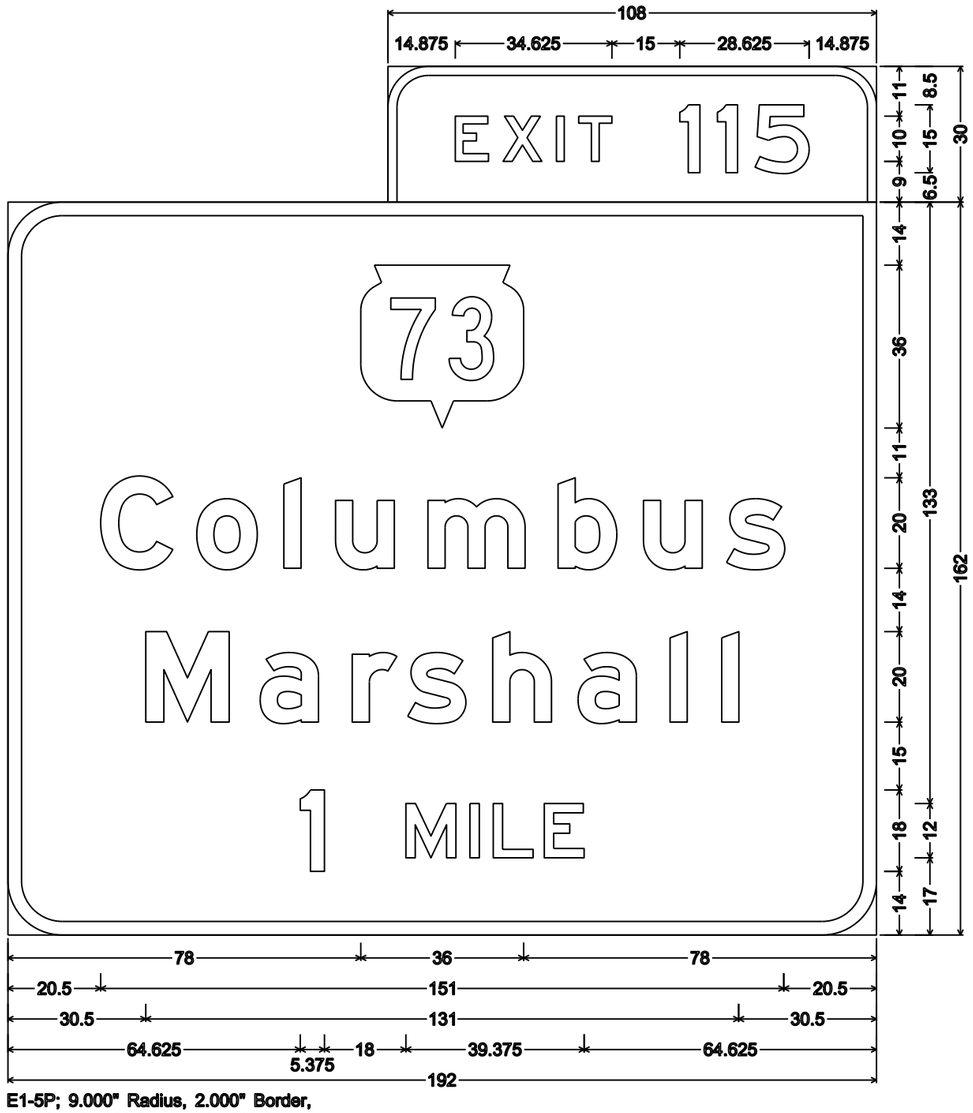
E1-5P; 9.000" Radius, 2.000" Border,
E1-1A; 12.000" Radius, 3.000" Border



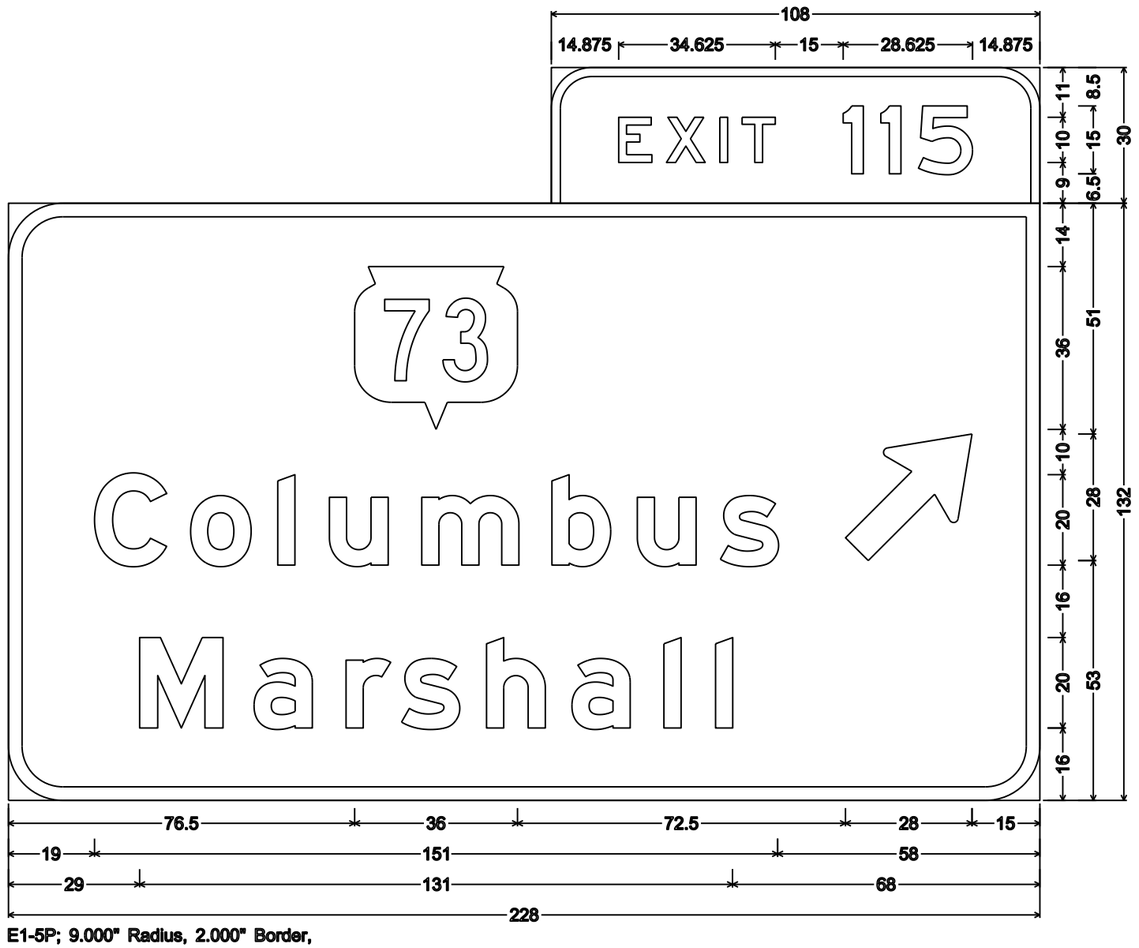
E1-5P; 9.000" Radius, 2.000" Border,
E4-1A; 12.000" Radius, 3.000" Border

NOTES

1. All Signs are Type I - Type SH Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - E Modified except all CAP words Series E



E1-5P; 9.000" Radius, 2.000" Border,
E1-1A; 12.000" Radius, 3.000" Border



E1-5P; 9.000" Radius, 2.000" Border,
E4-1A; 12.000" Radius, 3.000" Border

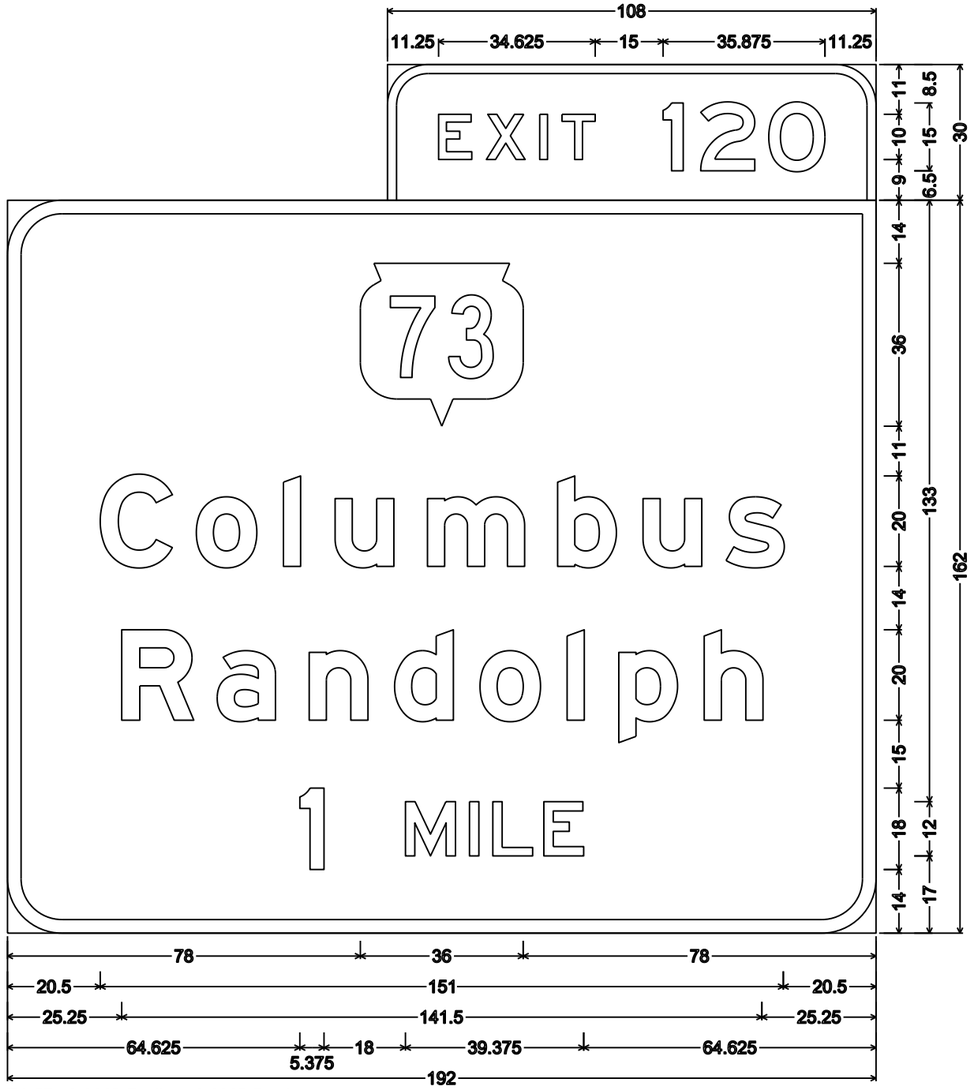
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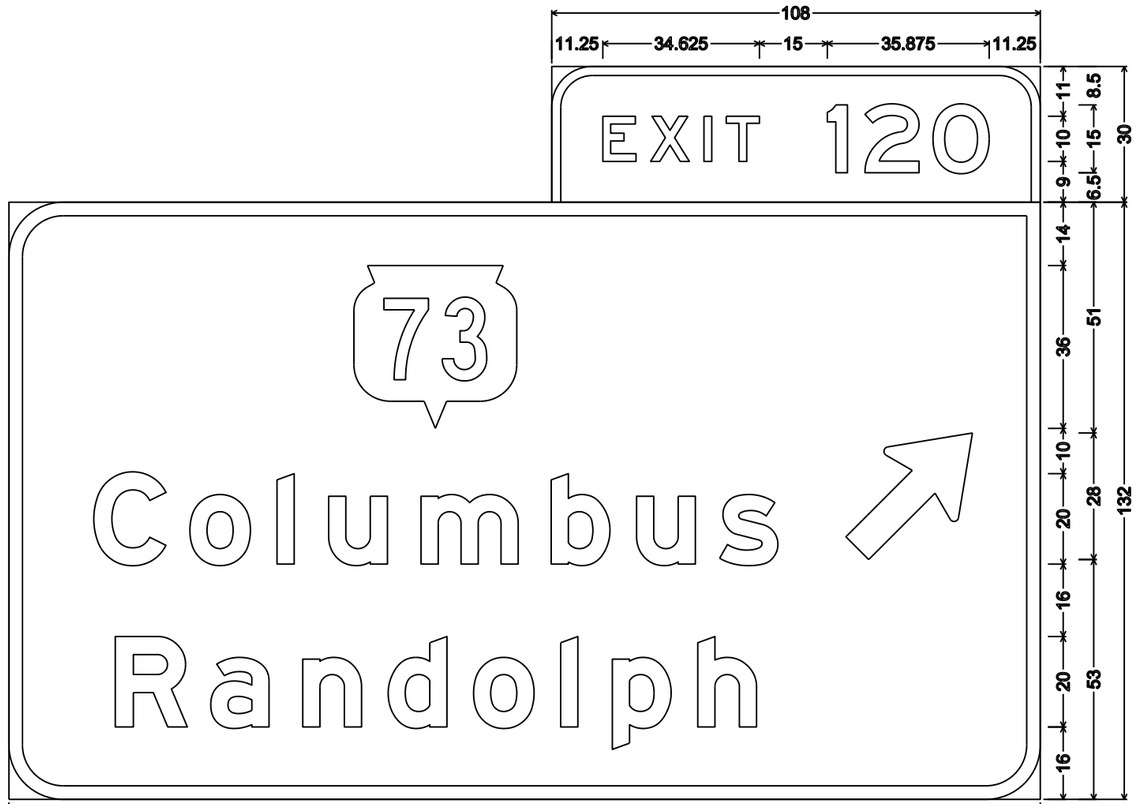
PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE/COLUMBIA/DODGE	PERMANENT SIGNING	SHEET NO: 280	E

NOTES

1. All Signs are Type I - Type SH Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - E Modified except all CAP words Series E



E1-5P; 9.000" Radius, 2.000" Border,
E1-1A; 12.000" Radius, 3.000" Border



E1-5P; 9.000" Radius, 2.000" Border,
E4-1A; 12.000" Radius, 3.000" Border

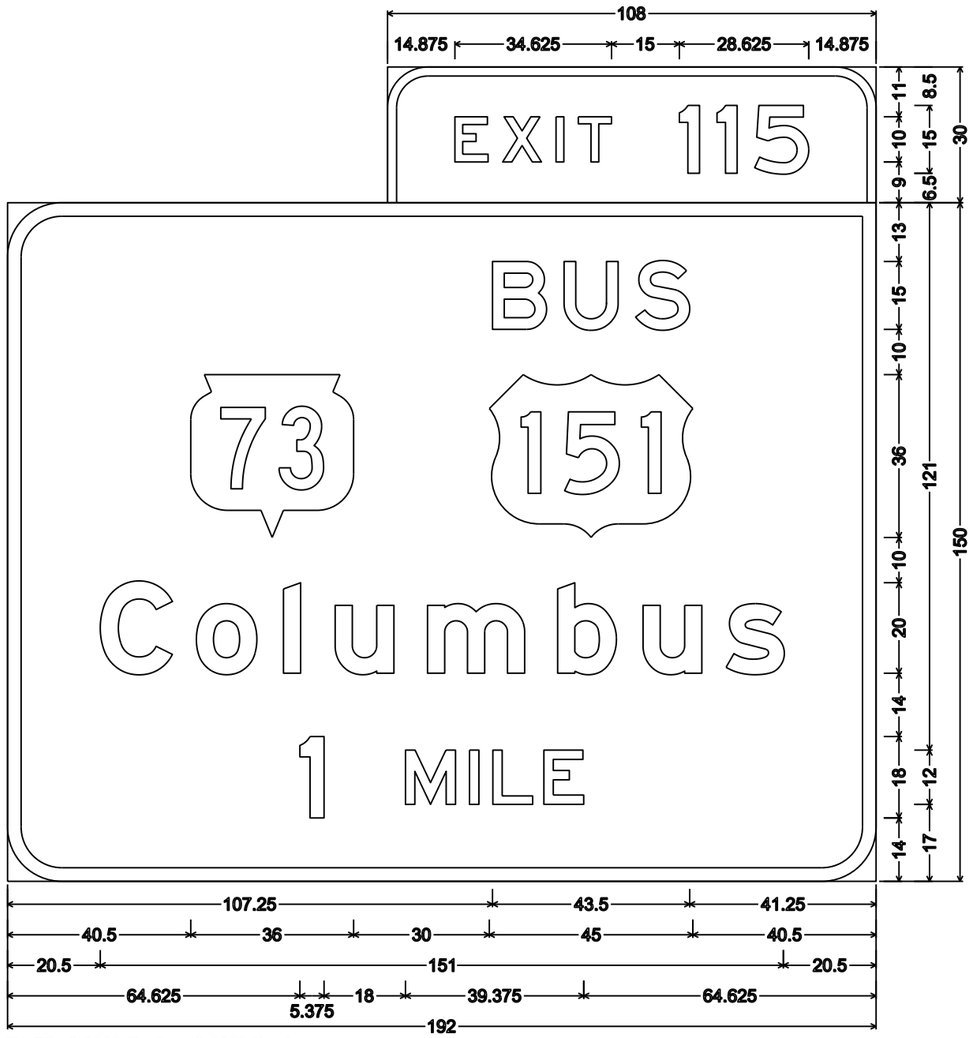
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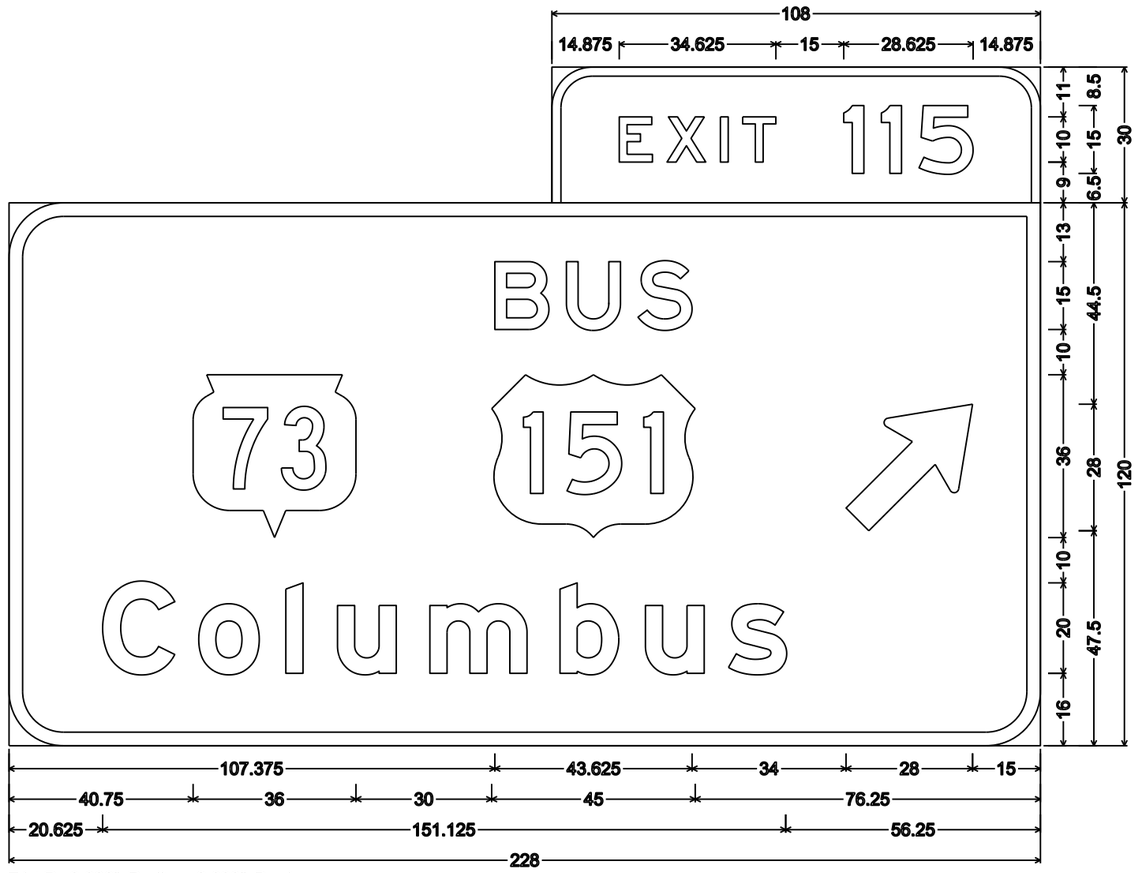
PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE/COLUMBIA/DODGE	PERMANENT SIGNING	SHEET NO: 281	E

NOTES

1. All Signs are Type I - Type SH Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - E Modified except all CAP words Series E



E1-5P; 9.000" Radius, 2.000" Border,
E1-1A; 12.000" Radius, 3.000" Border



E1-5P; 9.000" Radius, 2.000" Border,
E4-1A; 12.000" Radius, 3.000" Border

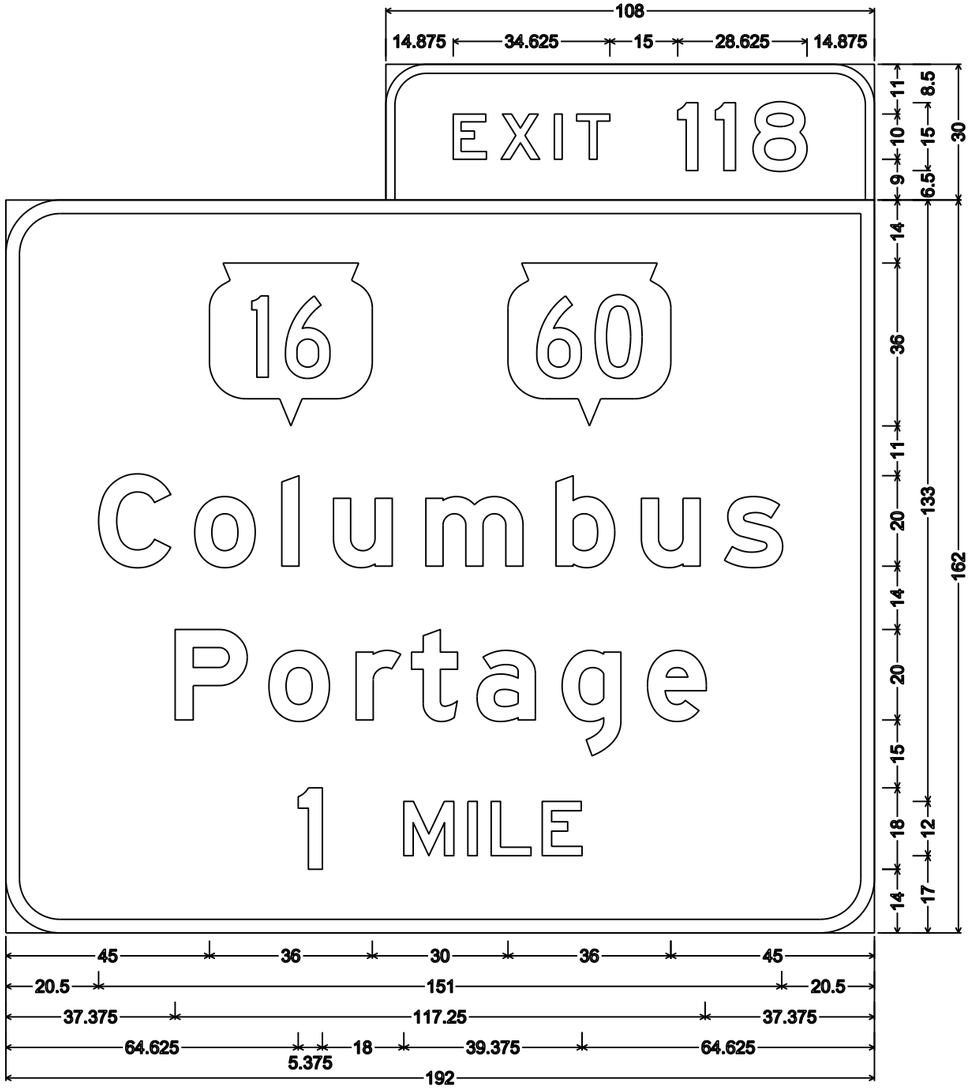
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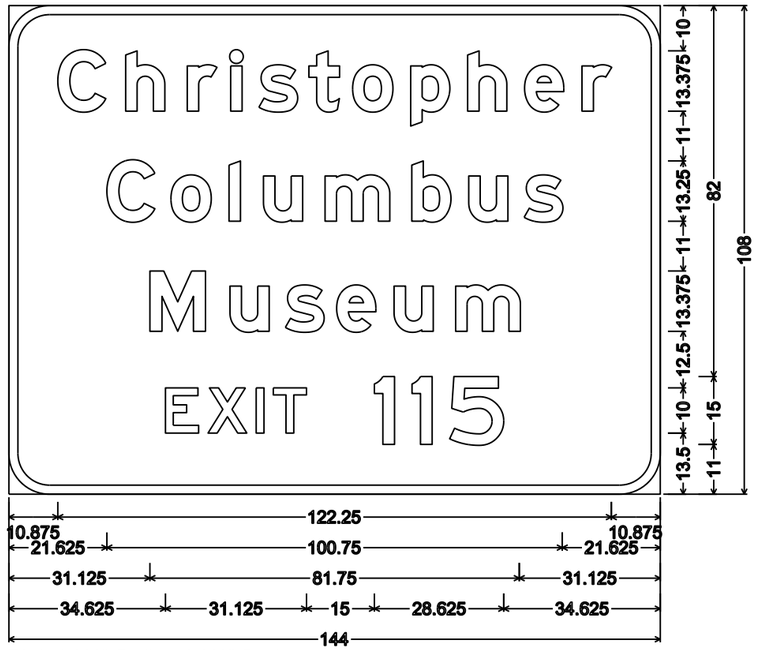
PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE/COLUMBIA/DODGE	PERMANENT SIGNING	SHEET NO: 282	E

NOTES

1. All Signs are Type I - Type SH Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - E Modified except all CAP words Series E



E1-5P; 9.000" Radius, 2.000" Border,
E1-1A; 12.000" Radius, 3.000" Border



E3-1; 9.000" Radius, 2.000" Border

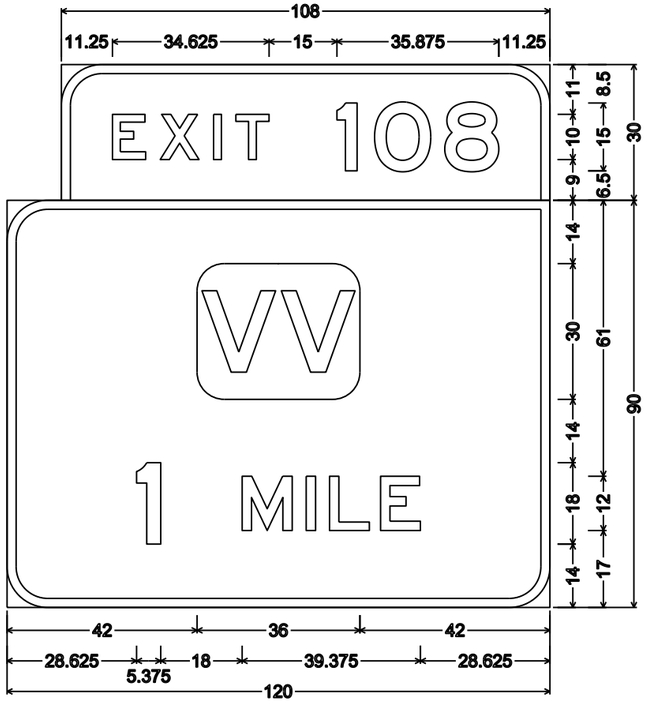
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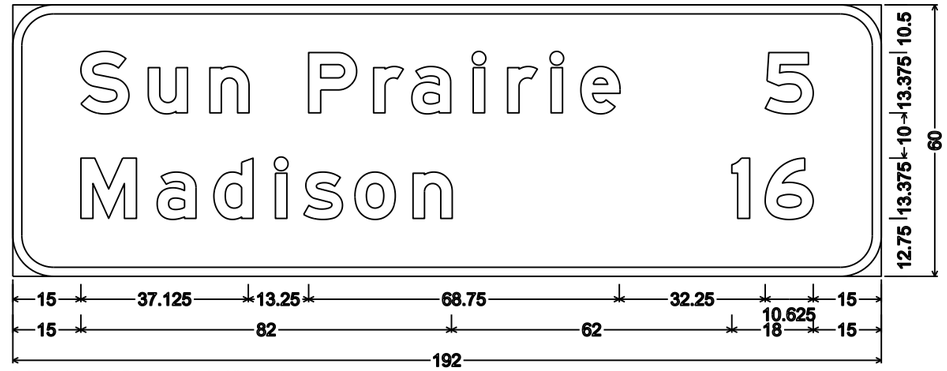
PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE/COLUMBIA/DODGE	PERMANENT SIGNING	SHEET NO: 283	E

NOTES

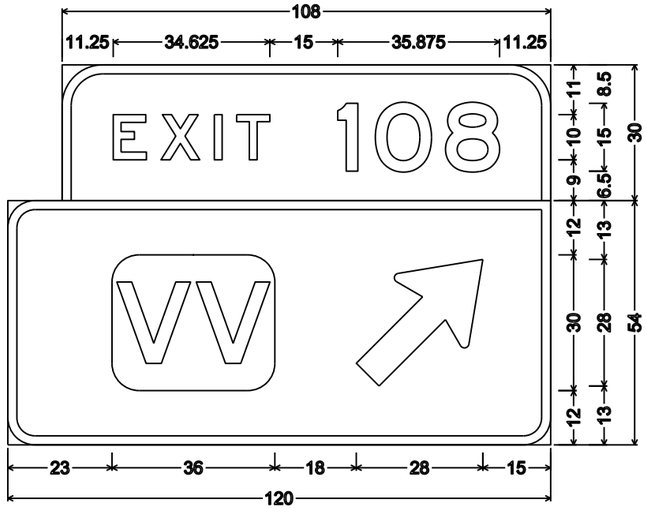
1. All Signs are Type I - Type SH Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - E Modified except all CAP words Series E



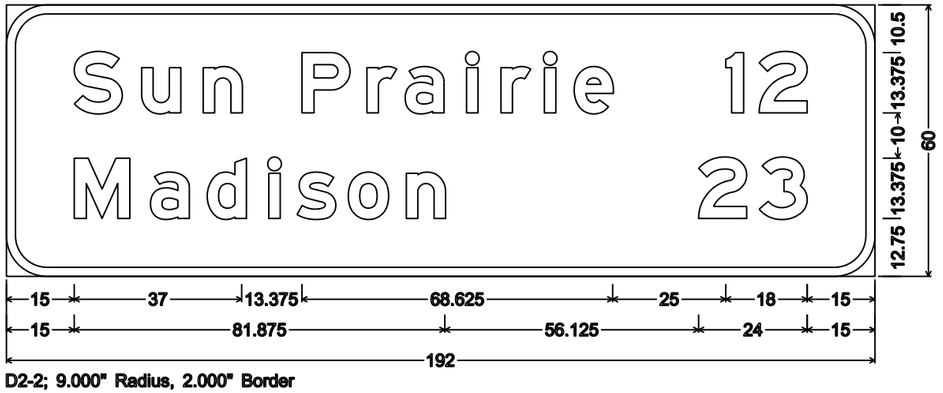
E1-5P; 9.000" Radius, 2.000" Border,
E1-1A; 9.000" Radius, 2.000" Border



D2-2; 9.000" Radius, 2.000" Border



E1-5P; 9.000" Radius, 2.000" Border,
E4-1A; 6.000" Radius, 2.000" Border



D2-2; 9.000" Radius, 2.000" Border

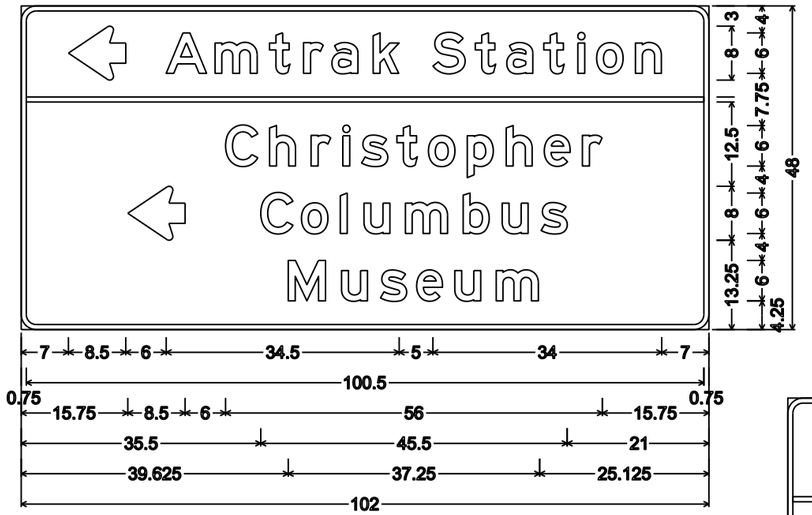
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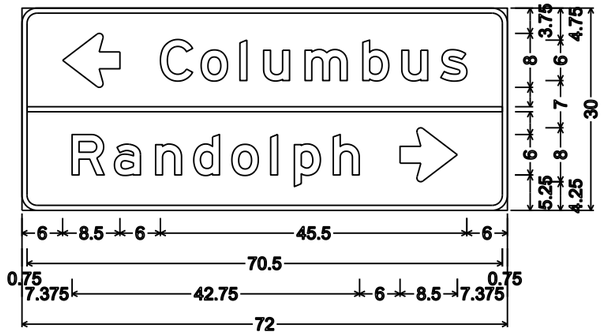
PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE/COLUMBIA/DODGE	PERMANENT SIGNING	SHEET NO: 284	E

NOTES

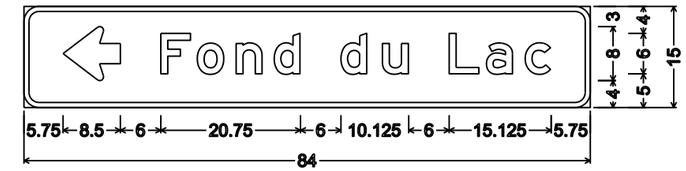
1. All Signs are Type II - Type H Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - E



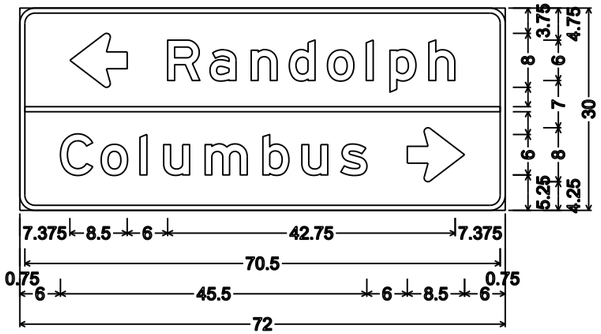
D1-4; 2.250" Radius, 0.750" Border



D1-2; 2.250" Radius, 0.750" Border



D1-1; 2.250" Radius, 0.750" Border



D1-2; 2.250" Radius, 0.750" Border



D1-1; 2.250" Radius, 0.750" Border



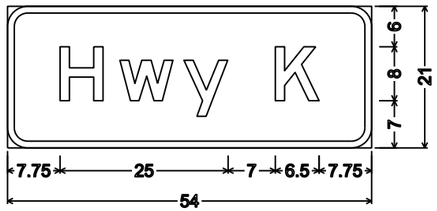
D1-2; 2.250" Radius, 0.750" Border



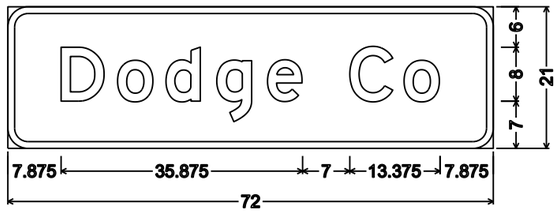
D1-2; 2.250" Radius, 0.750" Border

NOTES

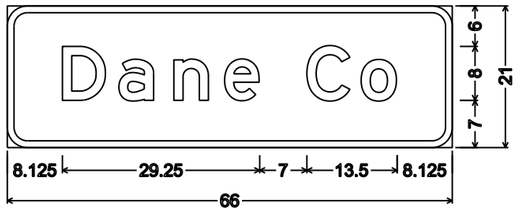
1. All Signs are Type II - Type H Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - E



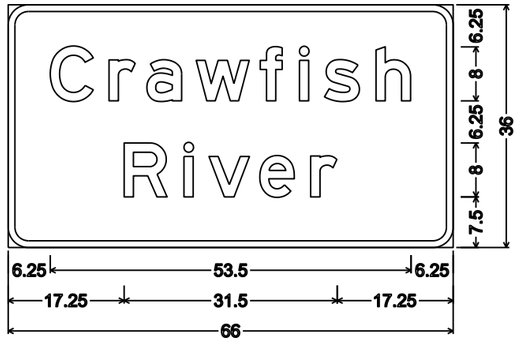
M1-94;
3.000" Radius, 1.000" Border



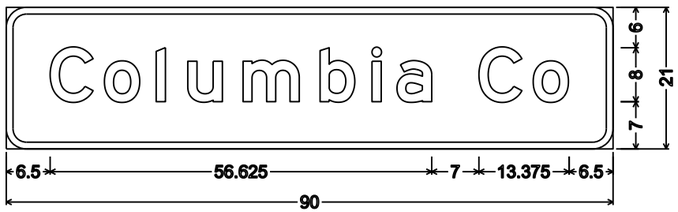
I2-2; 3.000" Radius, 1.000" Border



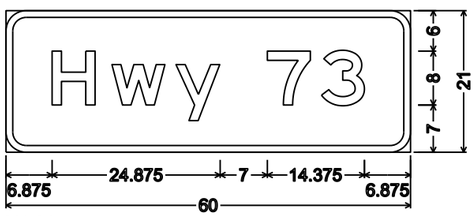
I2-2; 3.000" Radius, 1.000" Border



I3-1; 3.000" Radius, 1.000" Border



I2-2; 3.000" Radius, 1.000" Border



M1-94;
3.000" Radius, 1.000" Border

7

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Earthwork Summary
NB-Line, Sta. 745+00 NB to Sta. 998+00 NB

Station	Cut Area (Sq.ft.)	Cut Volume (Cu.yd.)	Fill Area (Sq.ft.)	Fill Volume (Cu.yd.)	Cum. Cut Vol. (Cu.yd.)	Cum. Fill Vol. (Cu.yd.)	Cum. Net Vol. (Cu.yd.)
745+00.000	0	0	0.0	0	0	0	0
746+00.000	0	0	1.3	2	0	2	-2
747+00.000	0	0	1.8	6	0	8	-8
748+00.000	0	0	0.7	5	0	13	-13
749+00.000	0	0	1.5	4	0	17	-17
750+00.000	0	0	2.0	6	0	23	-23
751+00.000	0	0	1.1	6	0	29	-29
752+00.000	0	0	2.3	6	0	35	-35
753+00.000	0	0	1.6	7	0	42	-42
754+00.000	0	0	2.3	7	0	49	-49
755+00.000	0	0	2.3	8	0	58	-58
756+00.000	0	0	2.9	10	0	67	-67
757+00.000	0	0	2.4	10	0	77	-77
758+00.000	0	0	0.9	6	0	83	-83
759+00.000	0	0	1.4	4	0	88	-88
760+00.000	0	0	1.8	6	0	93	-93
761+00.000	0	0	1.2	6	0	99	-99
762+00.000	0	0	1.9	6	0	105	-105
763+00.000	0	0	1.2	6	0	111	-111
764+00.000	0	0	2.1	6	0	117	-117
765+00.000	0	0	2.2	8	0	125	-125
766+00.000	0	0	3.0	10	0	134	-134
767+00.000	0	0	2.0	9	0	144	-144
768+00.000	0	0	1.8	7	0	151	-151
769+00.000	0	0	2.4	8	0	158	-158
770+00.000	0	0	2.3	9	0	167	-167
771+00.000	0	0	3.2	10	0	177	-177
772+00.000	0	0	4.6	14	0	192	-192
773+00.000	0	0	0.9	10	0	202	-202
774+00.000	0	0	1.1	4	0	205	-205
775+00.000	0	0	1.7	5	0	211	-211
776+00.000	0	0	3.4	10	0	220	-220
777+00.000	0	0	1.3	9	0	229	-229
778+00.000	0	0	1.5	5	0	234	-234
779+00.000	0	0	1.9	6	0	240	-240
780+00.000	0	0	1.7	7	0	247	-247
781+00.000	0	0	2.1	7	0	254	-254
782+00.000	0	0	5.5	14	0	268	-268
783+00.000	0	0	8.4	26	0	294	-294
784+00.000	0	0	5.5	26	0	320	-320
785+00.000	0	0	7.1	23	0	343	-343
786+00.000	0	0	6.7	26	0	369	-369
787+00.000	0	0	4.9	22	0	390	-390
788+00.000	0	0	4.3	17	0	407	-407
789+00.000	0	0	5.0	17	0	425	-425
790+00.000	0	0	4.4	18	0	442	-442
791+00.000	0	0	5.3	18	0	460	-460
792+00.000	0	0	3.3	16	0	476	-476
793+00.000	0	0	2.0	10	0	486	-486
794+00.000	0	0	5.1	13	0	499	-499
795+00.000	0	0	5.5	20	0	519	-519
796+00.000	0	0	7.5	24	0	543	-543
797+00.000	0	0	7.4	28	0	570	-570
798+00.000	0	0	8.1	29	0	599	-599
799+00.000	0	0	5.2	25	0	624	-624
800+00.000	0	0	0.0	10	0	633	-633
800+02.000	0	0	0.0	0	0	633	-633
800+15.651	0	0	0.2	0	0	633	-633
800+32.000	0	0	0.8	0	0	634	-634
801+00.000	0	0	5.5	8	0	641	-641
802+00.000	0	0	4.9	19	0	661	-661
803+00.000	0	0	8.3	24	0	685	-685
804+00.000	0	0	6.9	28	0	713	-713
805+00.000	0	0	4.4	21	0	734	-734

CONTINUED

FILE NAME : \\mad31zp1\projects\state\USH_151\1111-03-02\Est\Only\Quantities\11110372\Earthwork Summaries\1 EWK_USH 151 NB-Dane.ppt

PROJECT NO: 1111-03-72
HWY: USH 151
COUNTY: DANE
EARTHWORK – USH 151 NB
SHEET NO: 287

PLOT DATE : 4/23/2018 9:08 AM
PLOT BY : _____
PLOT NAME : _____
PLOT SCALE : 1:1

FILE NAME : \\mad31zp1\projects\state\USH_151\1111-03-02\Est\Only\Quantities\11110372\Earthwork Summaries\1 EWK_USH 151 NB-Dane.ppt

PLOT DATE : 4/23/2018 9:08 AM
PLOT BY : _____
PLOT NAME : _____
PLOT SCALE : 1:1

Earthwork Summary
NB-Line, Sta. 745+00 NB to Sta. 998+00 NB

Station	Cut Area (Sq.ft.)	Cut Volume (Cu.yd.)	Fill Area (Sq.ft.)	Fill Volume (Cu.yd.)	Cum. Cut Vol. (Cu.yd.)	Cum. Fill Vol. (Cu.yd.)	Cum. Net Vol. (Cu.yd.)
806+00.000	0	0	8.0	23	0	757	-757
807+00.000	0	0	7.2	28	0	785	-785
808+00.000	0	0	6.9	26	0	811	-811
809+00.000	0	0	10.2	32	0	843	-843
810+00.000	0	0	7.2	32	0	875	-875
811+00.000	0	0	9.1	30	0	905	-905
812+00.000	0	0	4.7	25	0	931	-931
813+00.000	0	0	3.8	16	0	946	-946
814+00.000	0	0	5.1	16	0	963	-963
815+00.000	0	0	7.1	23	0	985	-985
816+00.000	0	0	5.0	22	0	1008	-1008
817+00.000	0	0	3.2	15	0	1023	-1023
818+00.000	0	0	5.0	15	0	1038	-1038
819+00.000	0	0	6.2	21	0	1059	-1059
820+00.000	0	0	6.3	23	0	1082	-1082
821+00.000	0	0	7.8	26	0	1108	-1108
822+00.000	0	0	10.5	34	0	1142	-1142
823+00.000	0	0	4.5	28	0	1170	-1170
824+00.000	0	0	2.0	12	0	1182	-1182
825+00.000	0	0	1.4	6	0	1188	-1188
826+00.000	0	0	2.9	8	0	1196	-1196
827+00.000	0	0	5.3	15	0	1211	-1211
828+00.000	0	0	4.5	18	0	1230	-1230
829+00.000	0	0	8.4	24	0	1253	-1253
830+00.000	0	0	10.1	34	0	1288	-1288
831+00.000	0	0	10.3	38	0	1325	-1325
832+00.000	0	0	13.6	44	0	1370	-1370
833+00.000	0	0	7.7	39	0	1409	-1409
834+00.000	0	0	3.4	21	0	1430	-1430
835+00.000	0	0	10.0	25	0	1454	-1454
836+00.000	0	0	7.9	33	0	1488	-1488
837+00.000	0	0	6.2	26	0	1514	-1514
838+00.000	0	0	6.5	24	0	1537	-1537
839+00.000	0	0	3.6	19	0	1556	-1556
840+00.000	0	0	1.8	10	0	1566	-1566
841+00.000	0	0	1.6	6	0	1572	-1572
842+00.000	0	0	2.6	8	0	1580	-1580
843+00.000	0	0	6.2	16	0	1596	-1596
844+00.000	0	0	5.1	21	0	1617	-1617
845+00.000	0	0	2.3	14	0	1631	-1631
846+00.000	0	0	5.1	14	0	1645	-1645
847+00.000	0	0	3.2	15	0	1660	-1660
848+00.000	0	0	4.5	14	0	1674	-1674
849+00.000	0	0	3.5	15	0	1689	-1689
850+00.000	0	0	3.6	13	0	1702	-1702
851+00.000	0	0	6.7	19	0	1721	-1721
852+00.000	0	0	7.8	27	0	1748	-1748
853+00.000	0	0	3.7	21	0	1769	-1769
854+00.000	0	0	4.6	15	0	1785	-1785
855+00.000	0	0	15.1	37	0	1821	-1821
856+00.000	0	0	5.9	39	0	1860	-1860
857+00.000	0	0	0.6	12	0	1872	-1872
858+00.000	0	0	0.8	3	0	1874	-1874
859+00.000	0	0	1.1	3	0	1878	-1878
860+00.000	0	0	1.1	4	0	1882	-1882
860+93.888	0	0	0.0	2	0	1884	-1884
861+00.000	0	0	0.0	0	0	1884	-1884
861+68.579	0	0	0.0	0	0	1884	-1884
862+00.000	0	0	1.5	1	0	1885	-1885
863+00.000	0	0	12.7	26	0	1911	-1911
864+00.000	0	0	9.2	40	0	1951	-1951
865+00.000	0	0	12.7	41	0	1992	-1992
866+00.000	0	0	4.0	31	0	2023	-2023
867+00.000	0	0	5.3	17	0	2040	-2040
868+00.000	0	0	6.0	21	0	2061	-2061
869+00.000	0	0	12.0	33	0	2094	-2094
870+00.000	0	0	8.1	37	0	2132	-2132

CONTINUED

Earthwork Summary
NB-Line, Sta. 745+00 NB to Sta. 998+00 NB

Station	Cut Area (Sq.ft.)	Cut Volume (Cu.yd.)	Fill Area (Sq.ft.)	Fill Volume (Cu.yd.)	Cum. Cut Vol. (Cu.yd.)	Cum. Fill Vol. (Cu.yd.)	Cum. Net Vol. (Cu.yd.)
871+00.000	0	0	5.3	25	0	2156	-2156
872+00.000	0	0	5.7	20	0	2177	-2177
873+00.000	0	0	1.5	13	0	2190	-2190
874+00.000	0	0	6.9	16	0	2206	-2206
875+00.000	0	0	1.5	16	0	2221	-2221
876+00.000	0	0	4.6	11	0	2232	-2232
877+00.000	0	0	8.6	24	0	2257	-2257
878+00.000	0	0	12.7	39	0	2296	-2296
879+00.000	0	0	9.1	40	0	2337	-2337
880+00.000	0	0	9.5	34	0	2371	-2371
881+00.000	0	0	6.1	29	0	2400	-2400
882+00.000	0	0	5.4	21	0	2421	-2421
883+00.000	0	0	6.9	23	0	2444	-2444
884+00.000	0	0	8.1	28	0	2472	-2472
885+00.000	0	0	6.4	27	0	2499	-2499
886+00.000	0	0	4.9	21	0	2519	-2519
887+00.000	0	0	3.7	16	0	2535	-2535
888+00.000	0	0	5.4	17	0	2552	-2552
889+00.000	0	0	5.6	20	0	2573	-2573
890+00.000	0	0	10.5	30	0	2603	-2603
891+00.000	0	0	7.8	34	0	2636	-2636
892+00.000	0	0	7.6	28	0	2665	-2665
893+00.000	0	0	1.3	16	0	2681	-2681
894+00.000	0	0	2.9	8	0	2689	-2689
895+00.000	0	0	2.3	10	0	2698	-2698
896+00.000	0	0	6.0	15	0	2714	-2714
897+00.000	0	0	3.8	18	0	2732	-2732
898+00.000	0	0	4.0	14	0	2746	-2746
899+00.000	0	0	6.0	19	0	2765	-2765
900+00.000	0	0	4.9	20	0	2785	-2785
901+00.000	0	0	4.4	17	0	2802	-2802
902+00.000	0	0	1.2	10	0	2813	-2813
903+00.000	0	0	3.3	8	0	2821	-2821
904+00.000	0	0	6.3	18	0	2839	-2839
905+00.000	0	0	4.8	21	0	2860	-2860
905+68.371	0	0	3.5	10	0	2870	-2870
906+00.000	0	0	1.7	3	0	2873	-2873
907+00.000	0	0	1.5	6	0	2879	-2879
908+00.000	0	0	0.9	5	0	2883	-2883
909+00.000	0	0	1.4	4	0	2888	-2888
910+00.000	0	0	1.8	6	0	2894	-2894
911+00.000	0	0	2.3	8	0	2901	-2901
912+00.000	0	0	2.8	9	0	2911	-2911
913+00.000	0	0	6.8	18	0	2928	-2928
914+00.000	0	0	3.6	19	0	2947	-2947
915+00.000	0	0	8.2	22	0	2969	-2969
916+00.000	0	0	3.7	22	0	2991	-2991
917+00.000	0	0	8.5	23	0	3014	-3014
918+00.000	0	0	4.6	24	0	3038	-3038
919+00.000	0	0	0.7	10	0	3048	-3048
920+00.000	0	0	0.8	3	0	3051	-3051
921+00.000	0	0	0.9	3	0	3054	-3054
922+00.000	0	0	0.0	2	0	3056	-3056
923+00.000	0	0	0.0	0	0	3056	-3056
924+00.000	0	0	0.0	0	0	3056	-3056
925+00.000	0	0	0.4	1	0	3057	-3057
926+00.000	0	0	2.9	6	0	3063	-3063
927+00.000	0	0	3.0	11	0	3074	-3074
928+00.000	0	0	2.1	9	0	3083	-3083
929+00.000	0	0	1.1	6	0	3089	-3089
930+00.000	0	0	1.6	5	0	3094	-3094
931+00.000	0	0	1.4	6	0	3099	-3099
932+00.000	0	0	2.0	6	0	3106	-3106
933+00.000	0	0	1.2	6	0	3112	-3112
934+00.000	0	0	2.4	7	0	3119	-3119
935+00.000	0	0	3.1	10	0	3129	-3129

CONTINUED

PROJECT NO: 1111-03-72
HWY: USH 151
COUNTY: DANE
EARTHWORK – USH 151 NB
SHEET NO: 289
E

FILE NAME : \\mad31zp1\projects\state\USH_151\1111-03-02\Est\Only\Quantities\11110372\Earthwork Summaries\1 EWK_USH 151 NB-Dane.ppt
PLOT DATE : 4/23/2018 9:08 AM
PLOT BY : _____
PLOT NAME : _____
PLOT SCALE : 1:1

Earthwork Summary
NB-Line, Sta. 745+00 NB to Sta. 998+00 NB

Station	Cut Area (Sq.ft.)	Cut Volume (Cu.yd.)	Fill Area (Sq.ft.)	Fill Volume (Cu.yd.)	Cum. Cut Vol. (Cu.yd.)	Cum. Fill Vol. (Cu.yd.)	Cum. Net Vol. (Cu.yd.)
935+03.829	0	0	4.3	0	0	3129	-3129
936+00.000	0	0	4.4	16	0	3145	-3145
937+00.000	0	0	5.2	18	0	3163	-3163
938+00.000	0	0	5.2	19	0	3182	-3182
939+00.000	0	0	3.8	17	0	3199	-3199
940+00.000	0	0	2.8	12	0	3211	-3211
941+00.000	0	0	1.2	7	0	3218	-3218
942+00.000	0	0	1.9	6	0	3224	-3224
943+00.000	0	0	1.3	6	0	3230	-3230
944+00.000	0	0	4.0	10	0	3240	-3240
945+00.000	0	0	1.1	9	0	3250	-3250
946+00.000	0	0	0.8	4	0	3253	-3253
947+00.000	0	0	2.6	6	0	3259	-3259
948+00.000	0	0	1.1	7	0	3266	-3266
949+00.000	0	0	2.8	7	0	3274	-3274
950+00.000	0	0	2.5	10	0	3283	-3283
951+00.000	0	0	2.2	9	0	3292	-3292
952+00.000	0	0	3.8	11	0	3303	-3303
953+00.000	0	0	3.7	14	0	3317	-3317
954+00.000	0	0	2.7	12	0	3329	-3329
955+00.000	0	0	0.4	6	0	3334	-3334
956+00.000	0	0	0.6	2	0	3336	-3336
957+00.000	0	0	2.6	6	0	3342	-3342
958+00.000	0	0	0.9	6	0	3349	-3349
959+00.000	0	0	0.0	2	0	3350	-3350
960+00.000	0	0	0.9	2	0	3352	-3352
961+00.000	0	0	0.5	3	0	3355	-3355
962+00.000	0	0	0.4	2	0	3357	-3357
963+00.000	0	0	1.8	4	0	3361	-3361
964+00.000	0	0	0.4	4	0	3365	-3365
965+00.000	0	0	3.0	6	0	3371	-3371
966+00.000	0	0	3.1	11	0	3382	-3382
967+00.000	0	0	5.5	16	0	3398	-3398
968+00.000	0	0	4.2	18	0	3416	-3416
969+00.000	0	0	3.2	14	0	3430	-3430
970+00.000	0	0	1.9	9	0	3439	-3439
971+00.000	0	0	3.5	10	0	3449	-3449
972+00.000	0	0	4.4	15	0	3464	-3464
973+00.000	0	0	2.6	13	0	3477	-3477
974+00.000	0	0	3.8	12	0	3489	-3489
975+00.000	0	0	3.4	13	0	3502	-3502
976+00.000	0	0	1.9	10	0	3512	-3512
977+00.000	0	0	3.7	10	0	3523	-3523
978+00.000	0	0	6.7	19	0	3542	-3542
979+00.000	0	0	3.3	18	0	3560	-3560
980+00.000	0	0	0.9	8	0	3568	-3568
981+00.000	0	0	2.6	7	0	3575	-3575
982+00.000	0	0	5.8	16	0	3590	-3590
983+00.000	0	0	10.7	30	0	3621	-3621
984+00.000	0	0	9.2	37	0	3657	-3657
985+00.000	0	0	6.9	30	0	3687	-3687
986+00.000	0	0	10.5	32	0	3719	-3719
987+00.000	0	0	6.9	32	0	3752	-3752
988+00.000	0	0	8.7	29	0	3780	-3780
989+00.000	0	0	7.5	30	0	3810	-3810
990+00.000	0	0	11.0	34	0	3845	-3845
991+00.000	0	0	8.2	36	0	3880	-3880
992+00.000	0	0	7.3	29	0	3909	-3909
993+00.000	0	0	8.1	29	0	3937	-3937
994+00.000	0	0	9.0	32	0	3969	-3969
995+00.000	0	0	8.1	32	0	4001	-4001
996+00.000	0	0	9.7	33	0	4034	-4034
997+00.000	0	0	3.8	25	0	4059	-4059
998+00.000	0	0	1.3	9	0	4068	-4068

Earthwork values in table have not been expanded.
Fill Expansion Factor for Common Excavation = 1.25
The Cumulative Fill Volume includes 3472 CY of Base Aggregate Dense 3/4-Inch.
See Earthwork in Miscellaneous Quantities.

FILE NAME : \\mad31zp1\projects\state\USH_151\1111-03-02\Est\Only\Quantities\11110372\Earthwork Summaries\1 EWK_USH 151 NB-Dane.ppt
PLOT DATE : 4/23/2018 9:08 AM
PLOT BY : _____
PLOT NAME : _____
PLOT SCALE : 1:1
PROJECT NO: 1111-03-72
HWY: USH 151
COUNTY: DANE
EARTHWORK – USH 151 NB
SHEET NO: 290
E

PROJECT NO: 1111-03-72

HWY: USH 151

COUNTY: COLUMBIA

EARTHWORK – USH 151 NB

SHEET NO: 291

E

PLOT DATE : 4/23/2018 9:09 AM

PLOT BY : _____

PLOT NAME : _____

PLOT SCALE : 1:1

FILE NAME : \\mad31zp1\projects\state\USH_151\1111-03-02\EstOnly\Quantities\111103721Earthwork Summaries\2 EWK_USH 151 NB-Columbia.ppt

Earthwork Summary

NB-Line, Sta. 1115+85 NB to Sta. 1585+50 NB

Station	Cut Area (Sq.ft.)	Cut Volume (Cu.yd.)	Fill Area (Sq.ft.)	Fill Volume (Cu.yd.)	Cum. Cut Vol. (Cu.yd.)	Cum. Fill Vol. (Cu.yd.)	Cum. Net Vol. (Cu.yd.)
1115+00.000	0	0	0.0	0	0	0	0
1115+85.000	0	0	2.8	4	0	4	-4
1116+00.000	0	0	2.4	1	0	6	-6
1117+00.000	0	0	3.4	11	0	17	-17
1118+00.000	0	0	0.7	8	0	24	-24
1119+00.000	0	0	0.9	3	0	27	-27
1120+00.000	0	0	1.0	4	0	31	-31
1121+00.000	0	0	0.5	3	0	33	-33
1122+00.000	0	0	0.5	2	0	35	-35
1123+00.000	0	0	2.1	5	0	40	-40
1124+00.000	0	0	0.8	5	0	45	-45
1125+00.000	0	0	0.4	2	0	47	-47
1126+00.000	0	0	2.0	4	0	52	-52
1127+00.000	0	0	2.4	8	0	60	-60
1128+00.000	0	0	0.5	5	0	65	-65
1129+00.000	0	0	0.4	2	0	67	-67
1130+00.000	0	0	0.5	2	0	68	-68
1131+00.000	0	0	2.6	6	0	74	-74
1132+00.000	0	0	0.3	5	0	79	-79
1133+00.000	0	0	0.1	1	0	80	-80
1134+00.000	0	0	1.2	2	0	83	-83
1135+00.000	0	0	0.1	2	0	85	-85
1136+00.000	0	0	2.3	4	0	89	-89
1137+00.000	0	0	4.2	12	0	101	-101
1138+00.000	0	0	2.9	13	0	114	-114
1139+00.000	0	0	2.9	11	0	125	-125
1140+00.000	0	0	4.8	14	0	139	-139
1141+00.000	0	0	6.3	21	0	160	-160
1142+00.000	0	0	5.0	21	0	180	-180
1143+00.000	0	0	7.1	22	0	203	-203
1144+00.000	0	0	6.9	26	0	229	-229
1145+00.000	0	0	2.8	18	0	247	-247
1146+00.000	0	0	1.3	8	0	254	-254
1147+00.000	0	0	1.8	6	0	260	-260
1148+00.000	0	0	3.3	10	0	270	-270
1149+00.000	0	0	4.5	14	0	284	-284
1150+00.000	0	0	3.3	14	0	298	-298
1151+00.000	0	0	1.5	9	0	307	-307
1152+00.000	0	0	1.4	5	0	313	-313
1153+00.000	0	0	1.5	5	0	318	-318
1154+00.000	0	0	1.0	5	0	323	-323
1155+00.000	0	0	0.1	2	0	325	-325
1156+00.000	0	0	0.5	1	0	326	-326
1157+00.000	0	0	0.5	2	0	327	-327
1158+00.000	0	0	0.9	3	0	330	-330
1159+00.000	0	0	0.6	3	0	333	-333
1160+00.000	0	0	0.5	2	0	335	-335
1161+00.000	0	0	1.0	3	0	338	-338
1162+00.000	0	0	0.5	3	0	341	-341
1163+00.000	0	0	1.8	4	0	345	-345
1164+00.000	0	0	1.0	5	0	350	-350
1165+00.000	0	0	1.2	4	0	354	-354
1166+00.000	0	0	1.0	4	0	358	-358
1167+00.000	0	0	0.5	3	0	361	-361
1168+00.000	0	0	1.7	4	0	365	-365
1169+00.000	0	0	2.1	7	0	372	-372
1170+00.000	0	0	2.0	8	0	380	-380
1171+00.000	0	0	0.5	5	0	385	-385
1172+00.000	0	0	1.7	4	0	389	-389
1173+00.000	0	0	1.5	6	0	395	-395
1174+00.000	0	0	1.0	5	0	399	-399
1175+00.000	0	0	0.7	3	0	402	-402

CONTINUED

FILE NAME : \\mad31zp1\projects\state\USH_151\1111-03-02\Est Only\Quantities\11110372\Earthwork Summaries\2 EWK_USH 151 NB-Columbia.ppt

PROJECT NO: 1111-03-72

HWY: USH 151

COUNTY: COLUMBIA

EARTHWORK – USH 151 NB

SHEET NO: 292

PLOT DATE : 4/23/2018 9:09 AM

PLOT BY : _____

PLOT NAME : _____

PLOT SCALE : 1:1

Earthwork Summary
NB-Line, Sta. 1115+85 NB to Sta. 1585+50 NB

Station	Cut Area (Sq.ft.)	Cut Volume (Cu.yd.)	Fill Area (Sq.ft.)	Fill Volume (Cu.yd.)	Cum. Cut Vol. (Cu.yd.)	Cum. Fill Vol. (Cu.yd.)	Cum. Net Vol. (Cu.yd.)
1176+00.000	0	0	0.5	2	0	405	-405
1177+00.000	0	0	1.4	4	0	408	-408
1178+00.000	0	0	1.4	5	0	413	-413
1179+00.000	0	0	1.7	6	0	419	-419
1180+00.000	0	0	1.6	6	0	425	-425
1181+00.000	0	0	0.2	3	0	429	-429
1182+00.000	0	0	1.0	2	0	431	-431
1183+00.000	0	0	0.7	3	0	434	-434
1184+00.000	0	0	0.0	1	0	435	-435
1185+00.000	0	0	0.1	0	0	435	-435
1186+00.000	0	0	2.0	4	0	439	-439
1187+00.000	0	0	0.5	5	0	443	-443
1188+00.000	0	0	1.5	4	0	447	-447
1189+00.000	0	0	2.0	6	0	454	-454
1190+00.000	0	0	0.6	5	0	459	-459
1191+00.000	0	0	0.3	2	0	460	-460
1192+00.000	0	0	0.7	2	0	462	-462
1193+00.000	0	0	0.6	2	0	464	-464
1194+00.000	0	0	1.3	3	0	468	-468
1195+00.000	0	0	0.7	4	0	472	-472
1196+00.000	0	0	2.1	5	0	477	-477
1197+00.000	0	0	0.7	5	0	482	-482
1198+00.000	0	0	1.2	4	0	485	-485
1199+00.000	0	0	0.2	3	0	488	-488
1200+00.000	0	0	0.0	0	0	489	-489
1201+00.000	0	0	0.0	0	0	489	-489
1202+00.000	0	0	0.0	0	0	489	-489
1202+56.693	0	0	3.2	3	0	492	-492
1203+00.000	0	0	0.0	3	0	495	-495
1204+00.000	0	0	0.0	0	0	495	-495
1204+85.003	0	0	0.0	0	0	495	-495
1205+00.000	0	0	0.6	0	0	495	-495
1206+00.000	0	0	1.6	4	0	499	-499
1207+00.000	0	0	1.9	6	0	505	-505
1208+00.000	0	0	1.7	7	0	512	-512
1209+00.000	0	0	2.0	7	0	519	-519
1210+00.000	0	0	2.5	8	0	527	-527
1211+00.000	0	0	2.3	9	0	536	-536
1212+00.000	0	0	2.3	9	0	545	-545
1213+00.000	0	0	1.8	8	0	552	-552
1214+00.000	0	0	2.3	8	0	560	-560
1215+00.000	0	0	3.1	10	0	570	-570
1216+00.000	0	0	2.4	10	0	580	-580
1217+00.000	0	0	1.4	7	0	587	-587
1218+00.000	0	0	1.0	5	0	591	-591
1219+00.000	0	0	0.4	3	0	594	-594
1220+00.000	0	0	0.9	2	0	597	-597
1221+00.000	0	0	1.1	4	0	600	-600
1222+00.000	0	0	1.0	4	0	604	-604
1223+00.000	0	0	2.4	6	0	610	-610
1224+00.000	0	0	1.0	6	0	617	-617
1225+00.000	0	0	5.2	11	0	628	-628
1226+00.000	0	0	1.3	12	0	640	-640
1227+00.000	0	0	0.2	3	0	643	-643
1228+00.000	0	0	0.6	2	0	644	-644
1229+00.000	0	0	0.6	2	0	647	-647
1230+00.000	0	0	1.0	3	0	649	-649
1231+00.000	0	0	0.3	2	0	652	-652
1232+00.000	0	0	1.4	3	0	655	-655
1233+00.000	0	0	1.6	5	0	661	-661
1234+00.000	0	0	2.5	8	0	668	-668
1235+00.000	0	0	1.3	7	0	675	-675
1236+00.000	0	0	2.1	6	0	681	-681
1237+00.000	0	0	1.1	6	0	687	-687
1238+00.000	0	0	1.5	5	0	692	-692
1239+00.000	0	0	0.4	3	0	696	-696
1240+00.000	0	0	0.4	1	0	697	-697

CONTINUED

PROJECT NO: 1111-03-72

HWY: USH 151

COUNTY: COLUMBIA

EARTHWORK – USH 151 NB

SHEET NO: 293

E

FILE NAME : \\mad31zp1\projects\state\USH_151\1111-03-02\Est Only\Quantities\11110372\Earthwork Summaries\2 EWK_USH 151 NB-Columbia.ppt

PLOT DATE : 4/23/2018 9:09 AM

PLOT BY : _____

PLOT NAME : _____

PLOT SCALE : 1:1

Earthwork Summary
NB-Line, Sta. 1115+85 NB to Sta. 1585+50 NB

Station	Cut Area (Sq.ft.)	Cut Volume (Cu.yd.)	Fill Area (Sq.ft.)	Fill Volume (Cu.yd.)	Cum. Cut Vol. (Cu.yd.)	Cum. Fill Vol. (Cu.yd.)	Cum. Net Vol. (Cu.yd.)
1241+00.000	0	0	1.9	4	0	701	-701
1242+00.000	0	0	1.0	5	0	707	-707
1243+00.000	0	0	1.7	5	0	712	-712
1244+00.000	0	0	1.6	6	0	718	-718
1245+00.000	0	0	1.5	6	0	724	-724
1246+00.000	0	0	0.0	3	0	727	-727
1247+00.000	0	0	0.1	0	0	727	-727
1248+00.000	0	0	0.4	1	0	728	-728
1249+00.000	0	0	0.0	1	0	728	-728
1250+00.000	0	0	0.0	0	0	728	-728
1251+00.000	0	0	0.0	0	0	728	-728
1252+00.000	0	0	1.1	2	0	730	-730
1253+00.000	0	0	1.1	4	0	735	-735
1254+00.000	0	0	0.6	3	0	738	-738
1255+00.000	0	0	0.0	1	0	739	-739
1256+00.000	0	0	0.3	1	0	739	-739
1257+00.000	0	0	0.3	1	0	740	-740
1258+00.000	0	0	0.5	1	0	742	-742
1259+00.000	0	0	1.4	3	0	745	-745
1260+00.000	0	0	2.6	7	0	753	-753
1261+00.000	0	0	2.3	9	0	762	-762
1262+00.000	0	0	4.3	12	0	774	-774
1263+00.000	0	0	2.6	13	0	786	-786
1264+00.000	0	0	2.6	10	0	796	-796
1265+00.000	0	0	2.4	9	0	805	-805
1266+00.000	0	0	2.6	9	0	814	-814
1267+00.000	0	0	0.5	6	0	820	-820
1268+00.000	0	0	1.2	3	0	823	-823
1269+00.000	0	0	0.0	2	0	826	-826
1270+00.000	0	0	0.3	1	0	826	-826
1271+00.000	0	0	1.8	4	0	830	-830
1272+00.000	0	0	2.0	7	0	837	-837
1273+00.000	0	0	1.7	7	0	844	-844
1274+00.000	0	0	1.9	7	0	851	-851
1275+00.000	0	0	4.6	12	0	863	-863
1276+00.000	0	0	3.0	14	0	877	-877
1277+00.000	0	0	2.4	10	0	887	-887
1278+00.000	0	0	2.8	10	0	896	-896
1279+00.000	0	0	3.1	11	0	907	-907
1280+00.000	0	0	4.6	14	0	921	-921
1281+00.000	0	0	2.4	13	0	934	-934
1282+00.000	0	0	3.8	11	0	946	-946
1283+00.000	0	0	2.5	12	0	958	-958
1284+00.000	0	0	3.5	11	0	969	-969
1285+00.000	0	0	2.7	12	0	980	-980
1286+00.000	0	0	5.4	15	0	995	-995
1287+00.000	0	0	1.9	14	0	1009	-1009
1288+00.000	0	0	1.9	7	0	1016	-1016
1289+00.000	0	0	2.3	8	0	1023	-1023
1290+00.000	0	0	3.8	11	0	1035	-1035
1291+00.000	0	0	3.2	13	0	1048	-1048
1292+00.000	0	0	5.6	16	0	1064	-1064
1293+00.000	0	0	3.6	17	0	1081	-1081
1294+00.000	0	0	3.4	13	0	1094	-1094
1295+00.000	0	0	3.2	12	0	1106	-1106
1296+00.000	0	0	9.4	23	0	1129	-1129
1297+00.000	0	0	4.2	25	0	1154	-1154
1298+00.000	0	0	4.0	15	0	1169	-1169
1299+00.000	0	0	4.6	16	0	1185	-1185
1300+00.000	0	0	6.9	21	0	1206	-1206
1301+00.000	0	0	8.1	28	0	1234	-1234
1302+00.000	0	0	6.7	27	0	1261	-1261
1303+00.000	0	0	2.3	17	0	1278	-1278
1304+00.000	0	0	1.3	7	0	1285	-1285
1305+00.000	0	0	2.7	7	0	1292	-1292

CONTINUED

FILE NAME : \\mad31zp1\projects\state\USH_151\1111-03-02\Est\Only\Quantities\11110372\Earthwork Summaries\2 EWK_USH 151 NB-Columbia.ppt
PLOT DATE : 4/23/2018 9:09 AM
PLOT BY : _____
PLOT NAME : _____
PLOT SCALE : 1:1

Earthwork Summary
NB-Line, Sta. 1115+85 NB to Sta. 1585+50 NB

Station	Cut Area (Sq.ft.)	Cut Volume (Cu.yd.)	Fill Area (Sq.ft.)	Fill Volume (Cu.yd.)	Cum. Cut Vol. (Cu.yd.)	Cum. Fill Vol. (Cu.yd.)	Cum. Net Vol. (Cu.yd.)
1306+00.000	0	0	2.7	10	0	1302	-1302
1307+00.000	0	0	5.5	15	0	1317	-1317
1308+00.000	0	0	10.1	29	0	1346	-1346
1309+00.000	0	0	6.9	31	0	1377	-1377
1310+00.000	0	0	0.3	13	0	1391	-1391
1311+00.000	0	0	1.3	3	0	1393	-1393
1312+00.000	0	0	0.8	4	0	1397	-1397
1313+00.000	0	0	3.9	9	0	1406	-1406
1314+00.000	0	0	2.4	12	0	1418	-1418
1315+00.000	0	0	1.6	7	0	1425	-1425
1316+00.000	0	0	1.1	5	0	1430	-1430
1317+00.000	0	0	2.5	7	0	1437	-1437
1318+00.000	0	0	1.2	7	0	1443	-1443
1319+00.000	0	0	0.3	3	0	1446	-1446
1320+00.000	0	0	0.1	1	0	1447	-1447
1321+00.000	0	0	0.6	1	0	1448	-1448
1322+00.000	0	0	0.0	1	0	1449	-1449
1323+00.000	0	0	1.5	3	0	1452	-1452
1324+00.000	0	0	3.5	9	0	1461	-1461
1325+00.000	0	0	3.9	14	0	1475	-1475
1326+00.000	0	0	8.0	22	0	1497	-1497
1327+00.000	0	0	6.3	26	0	1523	-1523
1328+00.000	0	0	0.8	13	0	1536	-1536
1329+00.000	0	0	0.1	2	0	1538	-1538
1330+00.000	0	0	0.0	0	0	1538	-1538
1331+00.000	0	0	0.0	0	0	1538	-1538
1332+00.000	0	0	0.0	0	0	1538	-1538
1333+00.000	0	0	7.2	13	0	1551	-1551
1334+00.000	0	0	7.2	27	0	1578	-1578
1335+00.000	0	0	4.7	22	0	1600	-1600
1336+00.000	0	0	2.7	14	0	1613	-1613
1337+00.000	0	0	4.4	13	0	1627	-1627
1338+00.000	0	0	4.3	16	0	1643	-1643
1339+00.000	0	0	2.0	12	0	1654	-1654
1340+00.000	0	0	3.2	10	0	1664	-1664
1341+00.000	0	0	3.7	13	0	1677	-1677
1342+00.000	0	0	2.2	11	0	1687	-1687
1343+00.000	0	0	2.7	9	0	1697	-1697
1344+00.000	0	0	2.2	9	0	1706	-1706
1345+00.000	0	0	0.8	6	0	1711	-1711
1346+00.000	0	0	1.1	3	0	1715	-1715
1347+00.000	0	0	0.6	3	0	1718	-1718
1348+00.000	0	0	0.9	3	0	1720	-1720
1349+00.000	0	0	2.7	7	0	1727	-1727
1350+00.000	0	0	0.5	6	0	1733	-1733
1351+00.000	0	0	1.3	3	0	1736	-1736
1352+00.000	0	0	5.3	12	0	1749	-1749
1353+00.000	0	0	6.3	22	0	1770	-1770
1354+00.000	0	0	2.7	17	0	1787	-1787
1355+00.000	0	0	0.5	6	0	1793	-1793
1356+00.000	0	0	0.2	1	0	1794	-1794
1357+00.000	0	0	3.0	6	0	1800	-1800
1358+00.000	0	0	0.1	6	0	1806	-1806
1359+00.000	0	0	0.1	0	0	1806	-1806
1360+00.000	0	0	0.0	0	0	1806	-1806
1361+00.000	0	0	1.5	3	0	1809	-1809
1362+00.000	0	0	1.3	5	0	1814	-1814
1363+00.000	0	0	0.8	4	0	1818	-1818
1364+00.000	0	0	1.1	4	0	1822	-1822
1365+00.000	0	0	0.7	3	0	1825	-1825
1366+00.000	0	0	1.1	3	0	1828	-1828
1367+00.000	0	0	0.1	2	0	1830	-1830
1368+00.000	0	0	0.7	2	0	1832	-1832
1369+00.000	0	0	0.8	3	0	1835	-1835
1370+00.000	0	0	0.0	2	0	1836	-1836

CONTINUED

PROJECT NO: 1111-03-72

HWY: USH 151

COUNTY: COLUMBIA

EARTHWORK – USH 151 NB

SHEET NO: E

FILE NAME : \\mad31zp1\projects\state\USH_151\1111-03-02\Est\Only\Quantities\11110372\Earthwork Summaries\2 EWK_USH 151 NB-Columbia.ppt

PLOT DATE : 4/23/2018 9:09 AM

PLOT BY : _____

PLOT NAME : _____

PLOT SCALE : 1:1

Earthwork Summary
NB-Line, Sta. 1115+85 NB to Sta. 1585+50 NB

Station	Cut Area (Sq.ft.)	Cut Volume (Cu.yd.)	Fill Area (Sq.ft.)	Fill Volume (Cu.yd.)	Cum. Cut Vol. (Cu.yd.)	Cum. Fill Vol. (Cu.yd.)	Cum. Net Vol. (Cu.yd.)
1371+00.000	0	0	1.4	3	0	1839	-1839
1372+00.000	0	0	0.0	3	0	1841	-1841
1373+00.000	0	0	0.7	1	0	1843	-1843
1374+00.000	0	0	0.9	3	0	1846	-1846
1375+00.000	0	0	2.3	6	0	1851	-1851
1376+00.000	0	0	1.7	7	0	1859	-1859
1377+00.000	0	0	2.9	9	0	1868	-1868
1378+00.000	0	0	4.4	14	0	1881	-1881
1379+00.000	0	0	2.5	13	0	1894	-1894
1380+00.000	0	0	1.9	8	0	1902	-1902
1381+00.000	0	0	0.3	4	0	1906	-1906
1382+00.000	0	0	0.2	1	0	1907	-1907
1383+00.000	0	0	0.5	1	0	1908	-1908
1384+00.000	0	0	0.9	3	0	1910	-1910
1385+00.000	0	0	1.1	4	0	1914	-1914
1386+00.000	0	0	1.8	5	0	1919	-1919
1387+00.000	0	0	1.1	5	0	1925	-1925
1388+00.000	0	0	2.3	6	0	1931	-1931
1389+00.000	0	0	1.8	8	0	1938	-1938
1390+00.000	0	0	4.3	11	0	1950	-1950
1391+00.000	0	0	1.6	11	0	1961	-1961
1392+00.000	0	0	0.1	3	0	1964	-1964
1393+00.000	0	0	0.0	0	0	1964	-1964
1394+00.000	0	0	3.1	6	0	1970	-1970
1395+00.000	0	0	3.6	12	0	1982	-1982
1396+00.000	0	0	7.7	21	0	2003	-2003
1397+00.000	0	0	4.0	22	0	2024	-2024
1398+00.000	0	0	8.3	23	0	2047	-2047
1399+00.000	0	0	6.8	28	0	2075	-2075
1400+00.000	0	0	5.7	23	0	2098	-2098
1401+00.000	0	0	3.6	17	0	2115	-2115
1402+00.000	0	0	5.8	17	0	2133	-2133
1403+00.000	0	0	3.9	18	0	2151	-2151
1404+00.000	0	0	2.9	13	0	2163	-2163
1405+00.000	0	0	3.0	11	0	2174	-2174
1406+00.000	0	0	2.6	10	0	2184	-2184
1407+00.000	0	0	2.5	10	0	2194	-2194
1408+00.000	0	0	1.8	8	0	2202	-2202
1409+00.000	0	0	0.7	5	0	2206	-2206
1410+00.000	0	0	1.9	5	0	2211	-2211
1411+00.000	0	0	0.7	5	0	2216	-2216
1411+31.349	0	0	0.6	1	0	2217	-2217
1412+00.000	0	0	0.0	0	0	2217	-2217
1413+71.897	0	0	2.6	0	0	2217	-2217
1414+00.000	0	0	2.0	2	0	2219	-2219
1415+00.000	0	0	1.8	7	0	2226	-2226
1416+00.000	0	0	1.7	6	0	2232	-2232
1417+00.000	0	0	2.7	8	0	2240	-2240
1418+00.000	0	0	1.7	8	0	2249	-2249
1419+00.000	0	0	2.3	7	0	2256	-2256
1420+00.000	0	0	2.9	10	0	2266	-2266
1421+00.000	0	0	1.1	7	0	2273	-2273
1422+00.000	0	0	0.5	3	0	2276	-2276
1423+00.000	0	0	0.4	2	0	2278	-2278
1424+00.000	0	0	1.6	4	0	2281	-2281
1425+00.000	0	0	1.6	6	0	2287	-2287
1426+00.000	0	0	0.8	4	0	2292	-2292
1427+00.000	0	0	1.2	4	0	2296	-2296
1427+71.770	0	0	0.5	2	0	2298	-2298
1428+00.000	0	0	1.4	1	0	2299	-2299
1429+00.000	0	0	1.4	5	0	2304	-2304
1430+00.000	0	0	0.0	3	0	2307	-2307

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FILE NAME : \\mad31zp1\projects\state\USH_151\1111-03-02\Est Only\Quantities\11110372\Earthwork Summaries\2 EWK_USH 151 NB-Columbia.ppt
PLOT DATE : 4/23/2018 9:09 AM
PLOT BY : _____
PLOT NAME : _____
PLOT SCALE : 1:1

Earthwork Summary
NB-Line, Sta. 1115+85 NB to Sta. 1585+50 NB

Station	Cut Area (Sq.ft.)	Cut Volume (Cu.yd.)	Fill Area (Sq.ft.)	Fill Volume (Cu.yd.)	Cum. Cut Vol. (Cu.yd.)	Cum. Fill Vol. (Cu.yd.)	Cum. Net Vol. (Cu.yd.)
1431+00.000	0	0	0.4	1	0	2307	-2307
1432+00.000	0	0	0.2	1	0	2308	-2308
1433+00.000	0	0	0.0	1	0	2309	-2309
1434+00.000	0	0	0.1	0	0	2309	-2309
1435+00.000	0	0	0.1	0	0	2310	-2310
1436+00.000	0	0	0.0	0	0	2310	-2310
1437+00.000	0	0	0.0	0	0	2310	-2310
1438+00.000	0	0	0.1	0	0	2310	-2310
1438+58.656	0	0	0.0	0	0	2310	-2310
1440+81.970	0	0	0.0	0	0	2310	-2310
1441+00.000	0	0	0.0	0	0	2310	-2310
1442+00.000	0	0	0.8	1	0	2312	-2312
1443+00.000	0	0	2.1	5	0	2317	-2317
1444+00.000	0	0	4.8	13	0	2329	-2329
1445+00.000	0	0	6.8	21	0	2351	-2351
1446+00.000	0	0	6.2	24	0	2375	-2375
1447+00.000	0	0	4.4	20	0	2395	-2395
1448+00.000	0	0	0.6	9	0	2404	-2404
1449+00.000	0	0	2.4	6	0	2409	-2409
1450+00.000	0	0	1.7	7	0	2417	-2417
1451+00.000	0	0	3.4	9	0	2426	-2426
1452+00.000	0	0	4.5	15	0	2441	-2441
1453+00.000	0	0	3.4	15	0	2456	-2456
1454+00.000	0	0	2.1	10	0	2466	-2466
1454+41.139	0	0	1.5	3	0	2468	-2468
1455+00.000	0	0	1.7	3	0	2472	-2472
1456+00.000	0	0	1.3	6	0	2478	-2478
1457+00.000	0	0	1.2	5	0	2482	-2482
1458+00.000	0	0	0.4	3	0	2485	-2485
1459+00.000	0	0	2.0	4	0	2490	-2490
1460+00.000	0	0	3.1	9	0	2499	-2499
1461+00.000	0	0	1.1	8	0	2507	-2507
1461+88.048	0	0	0.0	2	0	2509	-2509
1462+00.000	0	0	0.0	0	0	2509	-2509
1463+00.000	0	0	0.0	0	0	2509	-2509
1463+99.054	0	0	0.0	0	0	2509	-2509
1464+00.000	0	0	0.0	0	0	2509	-2509
1465+00.000	0	0	1.7	3	0	2512	-2512
1466+00.000	0	0	3.7	10	0	2522	-2522
1467+00.000	0	0	1.8	10	0	2532	-2532
1468+00.000	0	0	2.4	8	0	2540	-2540
1469+00.000	0	0	2.6	9	0	2549	-2549
1470+00.000	0	0	2.4	9	0	2558	-2558
1471+00.000	0	0	3.8	11	0	2570	-2570
1472+00.000	0	0	0.7	8	0	2578	-2578
1473+00.000	0	0	2.9	7	0	2585	-2585
1474+00.000	0	0	5.2	15	0	2600	-2600
1475+00.000	0	0	3.7	16	0	2616	-2616
1476+00.000	0	0	2.2	11	0	2627	-2627
1477+00.000	0	0	4.7	13	0	2640	-2640
1478+00.000	0	0	2.4	13	0	2653	-2653
1479+00.000	0	0	2.4	9	0	2662	-2662
1480+00.000	0	0	2.3	9	0	2670	-2670
1481+00.000	0	0	3.6	11	0	2681	-2681
1482+00.000	0	0	2.4	11	0	2692	-2692
1483+00.000	0	0	2.9	10	0	2702	-2702
1484+00.000	0	0	2.9	11	0	2713	-2713
1485+00.000	0	0	3.1	11	0	2724	-2724
1486+00.000	0	0	2.8	11	0	2735	-2735
1487+00.000	0	0	2.8	10	0	2745	-2745
1488+00.000	0	0	2.6	10	0	2755	-2755
1489+00.000	0	0	3.1	10	0	2765	-2765
1490+00.000	0	0	2.3	10	0	2775	-2775

CONTINUED

FILE NAME : \\mad31zp1\projects\state\USH_151\1111-03-02\Est\Only\Quantities\11110372\Earthwork Summaries\2 EWK_USH 151 NB-Columbia.ppt

PLOT DATE : 4/23/2018 9:09 AM
PLOT BY : _____
PLOT NAME : _____
PLOT SCALE : 1:1

Earthwork Summary
NB-Line, Sta. 1115+85 NB to Sta. 1585+50 NB

Station	Cut Area (Sq.ft.)	Cut Volume (Cu.yd.)	Fill Area (Sq.ft.)	Fill Volume (Cu.yd.)	Cum. Cut Vol. (Cu.yd.)	Cum. Fill Vol. (Cu.yd.)	Cum. Net Vol. (Cu.yd.)
1491+00.000	0	0	2.5	9	0	2784	-2784
1492+00.000	0	0	0.9	6	0	2790	-2790
1493+00.000	0	0	0.0	2	0	2792	-2792
1494+00.000	0	0	0.0	0	0	2792	-2792
1495+00.000	0	0	0.1	0	0	2792	-2792
1496+00.000	0	0	0.1	0	0	2793	-2793
1497+00.000	0	0	0.2	0	0	2793	-2793
1498+00.000	0	0	0.5	1	0	2794	-2794
1499+00.000	0	0	0.4	2	0	2796	-2796
1500+00.000	0	0	0.4	1	0	2797	-2797
1501+00.000	0	0	1.6	4	0	2801	-2801
1502+00.000	0	0	0.7	4	0	2806	-2806
1503+00.000	0	0	1.1	3	0	2809	-2809
1504+00.000	0	0	1.2	4	0	2813	-2813
1505+00.000	0	0	0.5	3	0	2816	-2816
1506+00.000	0	0	0.4	2	0	2818	-2818
1507+00.000	0	0	0.0	1	0	2819	-2819
1508+00.000	0	0	0.0	0	0	2819	-2819
1509+00.000	0	0	0.0	0	0	2819	-2819
1510+00.000	0	0	0.7	1	0	2820	-2820
1511+00.000	0	0	0.0	1	0	2821	-2821
1512+00.000	0	0	0.2	0	0	2822	-2822
1513+00.000	0	0	0.2	1	0	2822	-2822
1514+00.000	0	0	1.2	3	0	2825	-2825
1515+00.000	0	0	0.7	4	0	2829	-2829
1516+00.000	0	0	0.3	2	0	2830	-2830
1517+00.000	0	0	0.4	1	0	2832	-2832
1518+00.000	0	0	0.0	1	0	2833	-2833
1519+00.000	0	0	0.0	0	0	2833	-2833
1520+00.000	0	0	0.0	0	0	2833	-2833
1521+00.000	0	0	0.4	1	0	2833	-2833
1522+00.000	0	0	0.0	1	0	2834	-2834
1523+00.000	0	0	0.2	0	0	2835	-2835
1524+00.000	0	0	0.0	0	0	2835	-2835
1525+00.000	0	0	0.0	0	0	2835	-2835
1526+00.000	0	0	1.3	2	0	2837	-2837
1527+00.000	0	0	1.0	4	0	2842	-2842
1528+00.000	0	0	0.5	3	0	2844	-2844
1529+00.000	0	0	3.2	7	0	2851	-2851
1530+00.000	0	0	0.7	7	0	2858	-2858
1531+00.000	0	0	0.0	1	0	2860	-2860
1532+00.000	0	0	0.0	0	0	2860	-2860
1533+00.000	0	0	0.0	0	0	2860	-2860
1534+00.000	0	0	0.0	0	0	2860	-2860
1535+00.000	0	0	0.0	0	0	2860	-2860
1536+00.000	0	0	0.1	0	0	2860	-2860
1537+00.000	0	0	0.0	0	0	2860	-2860
1537+24.449	0	0	0.0	0	0	2860	-2860
1539+11.969	0	0	0.0	0	0	2860	-2860
1540+00.000	0	0	0.8	1	0	2861	-2861
1541+00.000	0	0	0.2	2	0	2863	-2863
1542+00.000	0	0	0.0	0	0	2863	-2863
1542+93.952	0	0	0.7	1	0	2865	-2865
1543+00.000	0	0	0.9	3	0	2868	-2868
1544+00.000	0	0	0.5	3	0	2870	-2870
1545+00.000	0	0	0.4	2	0	2872	-2872
1546+00.000	0	0	0.2	1	0	2873	-2873
1547+00.000	0	0	0.8	2	0	2875	-2875
1548+00.000	0	0	0.8	3	0	2878	-2878
1549+00.000	0	0	2.0	5	0	2883	-2883
1550+00.000	0	0	1.8	7	0	2890	-2890
1551+00.000	0	0	1.5	6	0	2896	-2896
1552+00.000	0	0	0.7	4	0	2900	-2900
1553+00.000	0	0	0.9	3	0	2903	-2903
1554+00.000	0	0	0.4	2	0	2905	-2905
1555+00.000	0	0	1.6	4	0	2909	-2909

CONTINUED

Earthwork Summary
NB-Line, Sta. 1115+85 NB to Sta. 1585+50 NB

Station	Cut Area (Sq.ft.)	Cut Volume (Cu.yd.)	Fill Area (Sq.ft.)	Fill Volume (Cu.yd.)	Cum. Cut Vol. (Cu.yd.)	Cum. Fill Vol. (Cu.yd.)	Cum. Net Vol. (Cu.yd.)
1556+00.000	0	0	3.2	9	0	2917	-2917
1557+00.000	0	0	3.0	11	0	2929	-2929
1558+00.000	0	0	7.1	19	0	2947	-2947
1559+00.000	0	0	7.9	28	0	2975	-2975
1560+00.000	0	0	5.5	25	0	3000	-3000
1561+00.000	0	0	3.2	16	0	3016	-3016
1562+00.000	0	0	4.9	15	0	3031	-3031
1563+00.000	0	0	3.2	15	0	3046	-3046
1564+00.000	0	0	5.1	15	0	3061	-3061
1565+00.000	0	0	7.1	23	0	3084	-3084
1566+00.000	0	0	3.4	19	0	3103	-3103
1567+00.000	0	0	3.1	12	0	3115	-3115
1567+74.218	0	0	2.7	8	0	3123	-3123
1568+00.000	0	0	3.1	3	0	3126	-3126
1569+00.000	0	0	5.5	16	0	3142	-3142
1570+00.000	0	0	4.1	18	0	3160	-3160
1571+00.000	0	0	0.9	9	0	3169	-3169
1572+00.000	0	0	3.0	7	0	3176	-3176
1573+00.000	0	0	4.8	14	0	3191	-3191
1574+00.000	0	0	3.6	16	0	3206	-3206
1575+00.000	0	0	5.9	17	0	3224	-3224
1576+00.000	0	0	4.7	20	0	3243	-3243
1577+00.000	0	0	3.4	15	0	3258	-3258
1578+00.000	0	0	4.1	14	0	3272	-3272
1579+00.000	0	0	0.6	9	0	3281	-3281
1580+00.000	0	0	1.9	5	0	3285	-3285
1581+00.000	0	0	1.2	6	0	3291	-3291
1582+00.000	0	0	1.7	5	0	3296	-3296
1583+00.000	0	0	2.6	8	0	3304	-3304
1584+00.000	0	0	2.4	9	0	3314	-3314
1585+00.000	0	0	3.1	10	0	3324	-3324
1585+50.000	0	0	4.3	7	0	3331	-3331

Earthwork values in table have not been expanded.
Fill Expansion Factor for Common Excavation = 1.25
The Cumulative Fill Volume includes 3161 CY of Base Aggregate Dense 3/4-Inch.
See Earthwork in Miscellaneous Quantities.

FILE NAME : \\mad31zp1\projects\state\USH_151\1111-03-02\Est\Only\Quantities\11110372\Earthwork Summaries\3 EWK_USH 151 SB-Dane.ppt

PLOT DATE : 4/23/2018 9:10 AM
PLOT BY : _____
PLOT NAME : _____
PLOT SCALE : 1:1

Earthwork Summary
SB-Line, Sta. 743+00 SB to Sta. 995+00 SB

Station	Cut Area (Sq.ft.)	Cut Volume (Cu.yd.)	Fill Area (Sq.ft.)	Fill Volume (Cu.yd.)	Cum. Cut Vol. (Cu.yd.)	Cum. Fill Vol. (Cu.yd.)	Cum. Net Vol. (Cu.yd.)
743+00.000	0.0	0	0.0	0	0	0	0
743+22.000	0.0	0	0.6	0	0	0	0
744+00.000	0.0	0	1.7	3	0	3	-3
745+00.000	0.0	0	3.9	10	0	14	-14
746+00.000	0.0	0	6.4	19	0	33	-33
747+00.000	0.0	0	4.8	21	0	54	-54
748+00.000	0.0	0	3.0	14	0	68	-68
749+00.000	0.0	0	1.1	8	0	76	-76
750+00.000	0.0	0	2.1	6	0	81	-81
751+00.000	0.0	0	2.8	9	0	90	-90
752+00.000	0.0	0	2.8	10	0	101	-101
753+00.000	0.0	0	1.9	9	0	110	-110
754+00.000	0.0	0	2.2	8	0	117	-117
755+00.000	0.0	0	2.5	9	0	126	-126
756+00.000	0.0	0	1.8	8	0	134	-134
757+00.000	0.0	0	2.0	7	0	141	-141
758+00.000	0.0	0	1.9	7	0	148	-148
759+00.000	0.0	0	1.2	6	0	154	-154
760+00.000	0.0	0	2.8	8	0	161	-161
761+00.000	0.0	0	2.8	10	0	172	-172
762+00.000	0.0	0	1.7	8	0	180	-180
763+00.000	0.0	0	2.0	7	0	187	-187
764+00.000	0.0	0	2.2	8	0	195	-195
765+00.000	0.0	0	4.8	13	0	208	-208
766+00.000	0.0	0	3.5	15	0	223	-223
767+00.000	0.0	0	2.1	10	0	233	-233
768+00.000	0.0	0	0.8	5	0	239	-239
769+00.000	0.0	0	2.0	5	0	244	-244
770+00.000	0.0	0	1.1	6	0	250	-250
771+00.000	0.0	0	2.4	6	0	256	-256
772+00.000	0.0	0	2.0	8	0	264	-264
772+05.938	0.0	0	2.1	0	0	265	-265
772+50.000	0.0	0	5.3	6	0	271	-271
773+00.000	0.0	0	5.3	10	0	281	-281
774+00.000	0.0	0	7.5	24	0	304	-304
775+00.000	0.0	0	5.8	25	0	329	-329
776+00.000	0.0	0	3.4	17	0	346	-346
777+00.000	0.0	0	5.7	17	0	362	-362
778+00.000	0.0	0	4.4	19	0	381	-381
779+00.000	0.0	0	3.2	14	0	395	-395
780+00.000	0.0	0	6.0	17	0	412	-412
781+00.000	0.0	0	4.5	19	0	431	-431
781+53.125	0.0	0	6.6	11	0	442	-442
781+78.035	0.0	0	10.1	8	0	450	-450
782+00.000	0.0	0	9.0	4	0	454	-454
782+03.125	0.0	0	9.1	1	0	455	-455
782+13.185	0.0	0	9.6	3	0	459	-459
782+97.938	0.0	0	3.5	20	0	479	-479
783+00.000	0.0	0	3.5	0	0	479	-479
784+00.000	0.0	0	7.0	19	0	499	-499
785+00.000	0.0	0	5.6	23	0	522	-522
786+00.000	0.0	0	5.9	21	0	543	-543
787+00.000	0.0	0	5.5	21	0	565	-565
788+00.000	0.0	0	8.5	26	0	591	-591
789+00.000	0.0	0	6.0	27	0	617	-617
790+00.000	0.0	0	4.8	20	0	637	-637
791+00.000	0.0	0	4.3	17	0	654	-654
792+00.000	0.0	0	4.5	16	0	670	-670
793+00.000	0.0	0	5.4	18	0	689	-689
794+00.000	0.0	0	3.6	17	0	706	-706
795+00.000	0.0	0	4.0	14	0	720	-720

CONTINUED

PROJECT NO: 1111-03-72

HWY: USH 151

COUNTY: DANE

EARTHWORK – USH 151 SB

SHEET NO: 300 E

PLOT DATE : 4/23/2018 9:10 AM

PLOT BY : _____

PLOT NAME : _____

PLOT SCALE : 1:1

FILE NAME : \\mad31zp1\projects\state\USH_151\1111-03-02\Est\Only\Quantities\1111037\2\Earthwork Summaries\3 EWK_USH 151 SB-Dane.ppt

Earthwork Summary
SB-Line, Sta. 743+00 SB to Sta. 995+00 SB

Station	Cut Area (Sq.ft.)	Cut Volume (Cu.yd.)	Fill Area (Sq.ft.)	Fill Volume (Cu.yd.)	Cum. Cut Vol. (Cu.yd.)	Cum. Fill Vol. (Cu.yd.)	Cum. Net Vol. (Cu.yd.)
796+00.000	0.0	0	3.9	15	0	734	-734
797+00.000	0.0	0	3.0	13	0	747	-747
798+00.000	0.0	0	4.1	13	0	760	-760
799+00.000	0.0	0	1.9	11	0	771	-771
800+00.000	0.0	0	0.8	5	0	777	-777
801+00.000	0.0	0	1.4	4	0	781	-781
802+00.000	0.0	0	6.9	15	0	796	-796
803+00.000	0.0	0	3.9	20	0	816	-816
804+00.000	0.0	0	6.0	18	0	834	-834
805+00.000	0.0	0	5.5	21	0	856	-856
806+00.000	0.0	0	4.9	19	0	875	-875
807+00.000	0.0	0	6.3	21	0	896	-896
808+00.000	0.0	0	4.9	21	0	916	-916
809+00.000	0.0	0	3.9	16	0	933	-933
810+00.000	0.0	0	8.0	22	0	955	-955
811+00.000	0.0	0	4.9	24	0	978	-978
812+00.000	0.0	0	3.7	16	0	994	-994
813+00.000	0.0	0	5.2	17	0	1011	-1011
814+00.000	0.0	0	5.1	19	0	1030	-1030
815+00.000	0.0	0	5.3	19	0	1049	-1049
816+00.000	0.0	0	3.6	17	0	1066	-1066
817+00.000	0.0	0	4.8	16	0	1081	-1081
818+00.000	0.0	0	3.3	15	0	1096	-1096
819+00.000	0.0	0	3.7	13	0	1109	-1109
820+00.000	0.0	0	6.2	18	0	1127	-1127
821+00.000	0.0	0	3.2	17	0	1145	-1145
822+00.000	0.0	0	3.5	12	0	1157	-1157
823+00.000	0.0	0	2.4	11	0	1168	-1168
824+00.000	0.0	0	4.2	12	0	1180	-1180
825+00.000	0.0	0	5.6	18	0	1198	-1198
826+00.000	0.0	0	8.4	26	0	1224	-1224
827+00.000	0.0	0	8.3	31	0	1255	-1255
828+00.000	0.0	0	6.5	27	0	1282	-1282
829+00.000	0.0	0	7.3	26	0	1308	-1308
829+20.625	0.0	0	6.4	5	0	1313	-1313
829+50.050	0.0	0	9.0	8	0	1321	-1321
830+00.000	0.0	0	9.1	17	0	1338	-1338
831+00.000	0.0	0	10.1	35	0	1373	-1373
832+00.000	0.0	0	8.1	34	0	1407	-1407
833+00.000	0.0	0	6.0	26	0	1433	-1433
834+00.000	0.0	0	2.5	16	0	1449	-1449
835+00.000	0.0	0	2.9	10	0	1459	-1459
835+53.125	0.0	0	7.8	10	0	1469	-1469
835+78.125	0.0	0	12.4	9	0	1479	-1479
836+00.000	0.0	0	13.4	6	0	1484	-1484
836+03.125	0.0	0	13.5	1	0	1486	-1486
836+13.125	0.0	0	12.0	5	0	1491	-1491
836+62.235	0.0	0	5.0	15	0	1506	-1506
837+00.000	0.0	0	4.9	7	0	1513	-1513
838+00.000	0.0	0	3.8	16	0	1529	-1529
839+00.000	0.0	0	3.4	13	0	1542	-1542
840+00.000	0.0	0	3.2	12	0	1554	-1554
841+00.000	0.0	0	5.2	16	0	1570	-1570
842+00.000	0.0	0	1.8	13	0	1583	-1583
843+00.000	0.0	0	4.4	11	0	1594	-1594
844+00.000	0.0	0	2.5	13	0	1607	-1607
845+00.000	0.0	0	2.6	9	0	1616	-1616
846+00.000	0.0	0	3.6	11	0	1628	-1628
847+00.000	0.0	0	1.9	10	0	1638	-1638
848+00.000	0.0	0	3.4	10	0	1648	-1648
849+00.000	0.0	0	3.4	13	0	1660	-1660
850+00.000	0.0	0	3.6	13	0	1673	-1673

CONTINUED

Earthwork Summary
SB-Line, Sta. 743+00 SB to Sta. 995+00 SB

Station	Cut Area (Sq.ft.)	Cut Volume (Cu.yd.)	Fill Area (Sq.ft.)	Fill Volume (Cu.yd.)	Cum. Cut Vol. (Cu.yd.)	Cum. Fill Vol. (Cu.yd.)	Cum. Net Vol. (Cu.yd.)
851+00.000	0.0	0	5.6	17	0	1690	-1690
852+00.000	0.0	0	1.6	13	0	1704	-1704
853+00.000	0.0	0	2.3	7	0	1711	-1711
854+00.000	0.0	0	2.8	9	0	1720	-1720
855+00.000	0.0	0	2.6	10	0	1730	-1730
856+00.000	0.0	0	6.9	18	0	1748	-1748
857+00.000	0.0	0	5.6	23	0	1771	-1771
858+00.000	0.0	0	6.4	22	0	1793	-1793
859+00.000	0.0	0	4.7	20	0	1814	-1814
860+00.000	0.0	0	2.8	14	0	1827	-1827
861+00.000	0.0	0	4.9	14	0	1842	-1842
862+00.000	0.0	0	3.8	16	0	1858	-1858
863+00.000	0.0	0	5.3	17	0	1875	-1875
864+00.000	0.0	0	4.8	19	0	1893	-1893
865+00.000	0.0	0	2.4	13	0	1907	-1907
866+00.000	0.0	0	3.5	11	0	1918	-1918
867+00.000	0.0	0	4.0	14	0	1932	-1932
868+00.000	0.0	0	6.5	19	0	1951	-1951
869+00.000	0.0	0	4.8	21	0	1972	-1972
870+00.000	0.0	0	6.5	21	0	1993	-1993
871+00.000	0.0	0	5.6	22	0	2015	-2015
872+00.000	0.0	0	1.5	13	0	2028	-2028
873+00.000	0.0	0	1.3	5	0	2033	-2033
874+00.000	0.0	0	2.8	7	0	2041	-2041
875+00.000	0.0	0	3.9	12	0	2053	-2053
876+00.000	0.0	0	3.5	14	0	2067	-2067
877+00.000	0.0	0	7.1	20	0	2086	-2086
878+00.000	0.0	0	5.1	23	0	2109	-2109
879+00.000	0.0	0	3.4	16	0	2124	-2124
880+00.000	0.0	0	4.6	15	0	2139	-2139
881+00.000	0.0	0	8.3	24	0	2163	-2163
882+00.000	0.0	0	5.6	26	0	2189	-2189
883+00.000	0.0	0	1.3	13	0	2202	-2202
884+00.000	0.0	0	1.7	6	0	2207	-2207
885+00.000	0.0	0	2.4	8	0	2215	-2215
886+00.000	0.0	0	3.3	11	0	2225	-2225
887+00.000	0.0	0	4.1	14	0	2239	-2239
888+00.000	0.0	0	3.9	15	0	2254	-2254
889+00.000	0.0	0	4.4	15	0	2269	-2269
890+00.000	0.0	0	2.3	12	0	2282	-2282
891+00.000	0.0	0	1.3	7	0	2288	-2288
892+00.000	0.0	0	0.5	3	0	2292	-2292
893+00.000	0.0	0	3.4	7	0	2299	-2299
893+54.716	0.0	0	0.0	4	0	2302	-2302
894+00.000	0.0	0	0.0	0	0	2302	-2302
894+43.572	0.0	0	0.0	0	0	2302	-2302
895+00.000	0.0	0	1.7	2	0	2304	-2304
896+00.000	0.0	0	0.0	3	0	2307	-2307
897+00.000	0.0	0	0.4	1	0	2308	-2308
898+00.000	0.0	0	0.7	2	0	2310	-2310
899+00.000	0.0	0	1.5	4	0	2314	-2314
900+00.000	0.0	0	3.7	10	0	2324	-2324
901+00.000	0.0	0	4.2	15	0	2338	-2338
902+00.000	0.0	0	4.0	15	0	2353	-2353
903+00.000	0.0	0	0.2	8	0	2361	-2361
904+00.000	0.0	0	1.8	4	0	2365	-2365
905+00.000	0.0	0	2.6	8	0	2373	-2373
906+00.000	0.0	0	1.3	7	0	2380	-2380
907+00.000	0.0	0	2.4	7	0	2387	-2387
908+00.000	0.0	0	0.8	6	0	2393	-2393
909+00.000	0.0	0	1.1	3	0	2396	-2396
910+00.000	0.0	0	1.8	5	0	2402	-2402

CONTINUED

PROJECT NO: 1111-03-72

HWY: USH 151

COUNTY: DANE

EARTHWORK – USH 151 SB

SHEET NO: E 302

FILE NAME : \\mad31zp1\projects\state\USH_151\1111-03-02\Est\Only\Quantities\11110372\Earthwork Summaries\3 EWK_USH 151 SB-Dane.ppt

PLOT DATE : 4/23/2018 9:10 AM

PLOT BY : _____

PLOT NAME : _____

PLOT SCALE : 1:1

Earthwork Summary
SB-Line, Sta. 743+00 SB to Sta. 995+00 SB

Station	Cut Area (Sq.ft.)	Cut Volume (Cu.yd.)	Fill Area (Sq.ft.)	Fill Volume (Cu.yd.)	Cum. Cut Vol. (Cu.yd.)	Cum. Fill Vol. (Cu.yd.)	Cum. Net Vol. (Cu.yd.)
911+00.000	0.0	0	2.1	7	0	2409	-2409
912+00.000	0.0	0	10.4	23	0	2432	-2432
913+00.000	0.0	0	19.2	55	0	2487	-2487
914+00.000	0.0	0	12.0	58	0	2545	-2545
914+11.993	0.0	0	0.8	3	0	2548	-2548
915+00.000	0.0	0	0.1	1	0	2549	-2549
916+00.000	0.0	0	2.0	4	0	2553	-2553
917+00.000	0.0	0	3.1	9	0	2562	-2562
918+00.000	0.0	0	0.8	7	0	2570	-2570
919+00.000	0.0	0	0.2	2	0	2572	-2572
920+00.000	0.0	0	1.2	3	0	2574	-2574
921+00.000	0.0	0	7.1	15	0	2589	-2589
922+00.000	0.0	0	4.7	22	0	2611	-2611
923+00.000	0.0	0	3.7	16	0	2627	-2627
926+53.745	0.0	0	0.0	0	0	2627	-2627
927+00.000	0.0	0	0.2	0	0	2627	-2627
928+00.000	0.0	0	1.1	2	0	2629	-2629
929+00.000	0.0	0	0.7	3	0	2633	-2633
930+00.000	0.0	0	0.5	2	0	2635	-2635
931+00.000	0.0	0	2.1	5	0	2640	-2640
932+00.000	0.0	0	3.0	9	0	2649	-2649
933+00.000	0.0	0	1.7	9	0	2658	-2658
934+00.000	0.0	0	3.8	10	0	2668	-2668
935+00.000	0.0	0	6.4	19	0	2687	-2687
936+00.000	0.0	0	4.9	21	0	2708	-2708
937+00.000	0.0	0	6.0	20	0	2728	-2728
938+00.000	0.0	0	4.1	19	0	2747	-2747
939+00.000	0.0	0	5.5	18	0	2765	-2765
939+64.049	0.0	0	3.4	11	0	2775	-2775
940+00.000	0.0	0	7.2	7	0	2782	-2782
941+00.000	0.0	0	2.7	18	0	2801	-2801
942+00.000	0.0	0	0.4	6	0	2806	-2806
943+00.000	0.0	0	1.4	3	0	2809	-2809
944+00.000	0.0	0	4.4	11	0	2820	-2820
945+00.000	0.0	0	3.6	15	0	2835	-2835
946+00.000	0.0	0	3.5	13	0	2848	-2848
947+00.000	0.0	0	4.5	15	0	2863	-2863
948+00.000	0.0	0	3.5	15	0	2878	-2878
949+00.000	0.0	0	4.5	15	0	2892	-2892
950+00.000	0.0	0	7.4	22	0	2914	-2914
951+00.000	0.0	0	4.8	23	0	2937	-2937
952+00.000	0.0	0	4.4	17	0	2954	-2954
953+00.000	0.0	0	5.1	18	0	2972	-2972
954+00.000	0.0	0	2.0	13	0	2985	-2985
955+00.000	0.0	0	0.3	4	0	2990	-2990
956+00.000	0.0	0	1.1	3	0	2992	-2992
957+00.000	0.0	0	3.5	8	0	3001	-3001
958+00.000	0.0	0	5.3	16	0	3017	-3017
959+00.000	0.0	0	4.5	18	0	3035	-3035
960+00.000	0.0	0	4.9	18	0	3053	-3053
961+00.000	0.0	0	1.4	12	0	3064	-3064
962+00.000	0.0	0	3.5	9	0	3073	-3073
963+00.000	0.0	0	3.0	12	0	3085	-3085
964+00.000	0.0	0	1.5	8	0	3094	-3094
965+00.000	0.0	0	2.6	8	0	3101	-3101
966+00.000	0.0	0	2.1	9	0	3110	-3110
967+00.000	0.0	0	3.1	10	0	3119	-3119
968+00.000	0.0	0	1.1	8	0	3127	-3127
969+00.000	0.0	0	2.0	6	0	3133	-3133
970+00.000	0.0	0	3.3	10	0	3142	-3142
971+00.000	0.0	0	1.7	9	0	3152	-3152
972+00.000	0.0	0	5.1	13	0	3164	-3164
973+00.000	0.0	0	0.9	11	0	3175	-3175
974+00.000	0.0	0	4.8	10	0	3186	-3186
975+00.000	0.0	0	3.4	15	0	3201	-3201

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FILE NAME : \\mad31zp1\projects\state\USH_151\1111-03-02\Est Only\Quantities\11110372\Earthwork Summaries\3 EWK_USH 151 SB-Dane.ppt

PLOT DATE : 4/23/2018 9:10 AM
PLOT BY : _____
PLOT NAME : _____
PLOT SCALE : 1:1

Earthwork Summary
SB-Line, Sta. 743+00 SB to Sta. 995+00 SB

Station	Cut Area (Sq.ft.)	Cut Volume (Cu.yd.)	Fill Area (Sq.ft.)	Fill Volume (Cu.yd.)	Cum. Cut Vol. (Cu.yd.)	Cum. Fill Vol. (Cu.yd.)	Cum. Net Vol. (Cu.yd.)
976+00.000	0.0	0	5.7	17	0	3218	-3218
977+00.000	0.0	0	4.0	18	0	3236	-3236
978+00.000	0.0	0	2.4	12	0	3248	-3248
979+00.000	0.0	0	4.7	13	0	3261	-3261
980+00.000	0.0	0	6.1	20	0	3281	-3281
981+00.000	0.0	0	5.1	21	0	3301	-3301
982+00.000	0.0	0	4.5	18	0	3319	-3319
983+00.000	0.0	0	4.3	16	0	3335	-3335
984+00.000	0.0	0	4.8	17	0	3352	-3352
985+00.000	0.0	0	3.4	15	0	3367	-3367
986+00.000	0.0	0	6.9	19	0	3386	-3386
987+00.000	0.0	0	4.5	21	0	3407	-3407
988+00.000	0.0	0	6.5	20	0	3427	-3427
989+00.000	0.0	0	4.5	20	0	3448	-3448
990+00.000	0.0	0	2.6	13	0	3461	-3461
991+00.000	0.0	0	1.7	8	0	3469	-3469
992+00.000	0.0	0	3.3	9	0	3478	-3478
993+00.000	0.0	0	2.1	10	0	3488	-3488
994+00.000	0.0	0	4.7	13	0	3501	-3501
995+00.000	0.0	0	2.1	13	0	3513	-3513

Earthwork values in table have not been expanded.
Fill Expansion Factor for Common Excavation = 1.25
The Cumulative Fill Volume includes 3076 CY of Base Aggregate Dense 3/4-Inch.
See Earthwork in Miscellaneous Quantities.

Earthwork Summary
SB Line, Sta. 1118+85 SB to Sta. 1330+00 SB

Station	Cut Area (Sq.ft.)	Cut Volume (Cu.yd.)	Fill Area (Sq.ft.)	Fill Volume (Cu.yd.)	Cum. Cut Vol. (Cu.yd.)	Cum. Fill Vol. (Cu.yd.)	Cum. Net Vol. (Cu.yd.)
1118+85.000	0.0	0	1.1		0	0	0
1119+00.000	0.0	0	0.9	3	0	3	-3
1120+00.000	0.0	0	1.3	1	0	4	-4
1121+00.000	0.0	0	2.2	7	0	10	-10
1122+00.000	0.0	0	0.2	5	0	15	-15
1123+00.000	0.0	0	1.0	2	0	17	-17
1124+00.000	0.0	0	1.4	4	0	22	-22
1125+00.000	0.0	0	0.6	4	0	25	-25
1126+00.000	0.0	0	1.4	4	0	29	-29
1127+00.000	0.0	0	0.7	4	0	33	-33
1128+00.000	0.0	0	0.1	2	0	34	-34
1129+00.000	0.0	0	0.2	0	0	35	-35
1130+00.000	0.0	0	0.5	1	0	36	-36
1131+00.000	0.0	0	1.6	4	0	40	-40
1132+00.000	0.0	0	1.1	5	0	45	-45
1133+00.000	0.0	0	2.3	6	0	51	-51
1134+00.000	0.0	0	1.3	7	0	58	-58
1135+00.000	0.0	0	1.5	5	0	63	-63
1136+00.000	0.0	0	4.9	12	0	75	-75
1137+00.000	0.0	0	5.0	18	0	93	-93
1138+00.000	0.0	0	4.1	17	0	110	-110
1139+00.000	0.0	0	4.5	16	0	126	-126
1140+00.000	0.0	0	3.3	14	0	140	-140
1141+00.000	0.0	0	3.4	12	0	152	-152
1142+00.000	0.0	0	6.1	18	0	170	-170
1143+00.000	0.0	0	7.1	24	0	194	-194
1144+00.000	0.0	0	7.6	27	0	222	-222
1145+00.000	0.0	0	6.0	25	0	247	-247
1146+00.000	0.0	0	5.9	22	0	269	-269
1147+00.000	0.0	0	5.9	22	0	291	-291
1148+00.000	0.0	0	5.2	21	0	311	-311
1149+00.000	0.0	0	4.7	18	0	330	-330
1150+00.000	0.0	0	3.6	15	0	345	-345
1151+00.000	0.0	0	2.6	12	0	357	-357
1152+00.000	0.0	0	2.9	10	0	367	-367
1153+00.000	0.0	0	1.9	9	0	376	-376
1154+00.000	0.0	0	1.6	6	0	382	-382
1155+00.000	0.0	0	0.8	4	0	387	-387
1156+00.000	0.0	0	0.1	2	0	389	-389
1157+00.000	0.0	0	0.7	1	0	390	-390
1158+00.000	0.0	0	2.5	6	0	396	-396
1159+00.000	0.0	0	1.2	7	0	403	-403
1160+00.000	0.0	0	1.1	4	0	407	-407
1161+00.000	0.0	0	0.3	3	0	409	-409
1162+00.000	0.0	0	0.6	2	0	411	-411
1163+00.000	0.0	0	0.3	2	0	413	-413
1164+00.000	0.0	0	0.3	1	0	414	-414
1165+00.000	0.0	0	0.5	2	0	415	-415
1166+00.000	0.0	0	3.1	7	0	422	-422
1167+00.000	0.0	0	0.7	7	0	429	-429
1168+00.000	0.0	0	0.3	2	0	431	-431
1169+00.000	0.0	0	1.7	4	0	434	-434
1170+00.000	0.0	0	0.4	4	0	438	-438
1171+00.000	0.0	0	0.8	2	0	441	-441
1172+00.000	0.0	0	1.5	4	0	445	-445
1173+00.000	0.0	0	1.9	6	0	451	-451
1174+00.000	0.0	0	0.7	5	0	456	-456
1175+00.000	0.0	0	0.6	3	0	459	-459
1176+00.000	0.0	0	0.4	2	0	461	-461
1177+00.000	0.0	0	0.1	1	0	461	-461
1178+00.000	0.0	0	0.9	2	0	463	-463
1179+00.000	0.0	0	0.7	3	0	466	-466
1180+00.000	0.0	0	0.5	2	0	469	-469

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FILE NAME : \\mad31zp1\projects\state\USH_151\1111-03-02\Est\Only\Quantities\11110372\Earthwork Summaries\4 EWK_USH 151 SB-Columbia.ppt

PLOT DATE : 4/23/2018 9:11 AM
PLOT BY : _____
PLOT NAME : _____
PLOT SCALE : 1:1

Earthwork Summary
SB Line, Sta. 1118+85 SB to Sta. 1330+00 SB

Station	Cut Area (Sq.ft.)	Cut Volume (Cu.yd.)	Fill Area (Sq.ft.)	Fill Volume (Cu.yd.)	Cum. Cut Vol. (Cu.yd.)	Cum. Fill Vol. (Cu.yd.)	Cum. Net Vol. (Cu.yd.)
1181+00.000	0.0	0	0.7	2	0	471	-471
1182+00.000	0.0	0	1.3	4	0	474	-474
1183+00.000	0.0	0	1.6	5	0	480	-480
1184+00.000	0.0	0	0.3	3	0	483	-483
1185+00.000	0.0	0	1.3	3	0	486	-486
1186+00.000	0.0	0	0.6	3	0	490	-490
1187+00.000	0.0	0	0.4	2	0	491	-491
1188+00.000	0.0	0	0.8	2	0	494	-494
1189+00.000	0.0	0	0.6	3	0	496	-496
1190+00.000	0.0	0	0.9	3	0	499	-499
1191+00.000	0.0	0	0.3	2	0	501	-501
1192+00.000	0.0	0	0.0	1	0	502	-502
1193+00.000	0.0	0	0.8	2	0	503	-503
1194+00.000	0.0	0	0.7	3	0	506	-506
1195+00.000	0.0	0	1.3	4	0	510	-510
1196+00.000	0.0	0	1.5	5	0	515	-515
1197+00.000	0.0	0	1.5	6	0	521	-521
1198+00.000	0.0	0	0.9	5	0	525	-525
1199+00.000	0.0	0	2.2	6	0	531	-531
1200+00.000	0.0	0	1.5	7	0	538	-538
1201+00.000	0.0	0	0.5	4	0	542	-542
1202+00.000	0.0	0	0.7	2	0	544	-544
1203+00.000	0.0	0	0.6	2	0	546	-546
1203+69.703	0.0	0	0.0	0	0	546	-546
1204+00.000	0.0	0	0.0	0	0	546	-546
1205+98.398	0.0	0	0.0	0	0	546	-546
1206+00.000	0.0	0	1.5	3	0	549	-549
1207+00.000	0.0	0	0.0	3	0	552	-552
1208+00.000	0.0	0	0.0	0	0	552	-552
1209+00.000	0.0	0	0.0	0	0	552	-552
1210+00.000	0.0	0	1.8	3	0	555	-555
1211+00.000	0.0	0	1.2	6	0	561	-561
1212+00.000	0.0	0	0.3	3	0	564	-564
1213+00.000	0.0	0	1.5	3	0	567	-567
1214+00.000	0.0	0	1.5	6	0	573	-573
1215+00.000	0.0	0	2.7	8	0	580	-580
1216+00.000	0.0	0	4.7	14	0	594	-594
1217+00.000	0.0	0	2.6	14	0	608	-608
1218+00.000	0.0	0	2.8	10	0	618	-618
1219+00.000	0.0	0	1.5	8	0	626	-626
1220+00.000	0.0	0	1.4	5	0	631	-631
1221+00.000	0.0	0	2.4	7	0	638	-638
1222+00.000	0.0	0	1.8	8	0	646	-646
1223+00.000	0.0	0	1.5	6	0	652	-652
1224+00.000	0.0	0	3.4	9	0	661	-661
1225+00.000	0.0	0	0.1	6	0	668	-668
1226+00.000	0.0	0	3.1	6	0	674	-674
1227+00.000	0.0	0	1.9	9	0	683	-683
1228+00.000	0.0	0	2.4	8	0	691	-691
1229+00.000	0.0	0	1.8	8	0	698	-698
1230+00.000	0.0	0	0.7	5	0	703	-703
1231+00.000	0.0	0	0.3	2	0	705	-705
1232+00.000	0.0	0	0.8	2	0	707	-707
1233+00.000	0.0	0	0.0	2	0	708	-708
1234+00.000	0.0	0	0.5	1	0	709	-709
1235+00.000	0.0	0	0.8	2	0	712	-712
1236+00.000	0.0	0	0.6	3	0	714	-714
1237+00.000	0.0	0	0.2	1	0	716	-716
1238+00.000	0.0	0	2.0	4	0	720	-720
1239+00.000	0.0	0	0.8	5	0	725	-725
1240+00.000	0.0	0	0.7	3	0	728	-728

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FILE NAME : \\mad31zp1\projects\state\USH_151\1111-03-02\Est\Only\Quantities\11110372\Earthwork Summaries\4 EWK_USH 151 SB-Columbia.ppt

PLOT DATE : 4/23/2018 9:11 AM
PLOT BY : _____
PLOT NAME : _____
PLOT SCALE : 1:1

Earthwork Summary
SB Line, Sta. 1118+85 SB to Sta. 1330+00 SB

Station	Cut Area (Sq.ft.)	Cut Volume (Cu.yd.)	Fill Area (Sq.ft.)	Fill Volume (Cu.yd.)	Cum. Cut Vol. (Cu.yd.)	Cum. Fill Vol. (Cu.yd.)	Cum. Net Vol. (Cu.yd.)
1241+00.000	0.0	0	2.0	5	0	733	-733
1242+00.000	0.0	0	0.5	5	0	737	-737
1243+00.000	0.0	0	0.9	2	0	740	-740
1244+00.000	0.0	0	2.8	7	0	746	-746
1245+00.000	0.0	0	3.4	11	0	758	-758
1246+00.000	0.0	0	1.3	9	0	766	-766
1247+00.000	0.0	0	1.8	6	0	772	-772
1248+00.000	0.0	0	0.2	4	0	776	-776
1249+00.000	0.0	0	2.2	4	0	780	-780
1250+00.000	0.0	0	1.7	7	0	787	-787
1251+00.000	0.0	0	1.3	6	0	793	-793
1252+00.000	0.0	0	1.9	6	0	799	-799
1253+00.000	0.0	0	2.7	9	0	807	-807
1254+00.000	0.0	0	2.4	9	0	817	-817
1255+00.000	0.0	0	0.5	5	0	822	-822
1256+00.000	0.0	0	0.7	2	0	825	-825
1257+00.000	0.0	0	2.4	6	0	830	-830
1258+00.000	0.0	0	1.3	7	0	837	-837
1259+00.000	0.0	0	1.5	5	0	842	-842
1260+00.000	0.0	0	0.6	4	0	846	-846
1261+00.000	0.0	0	3.0	7	0	853	-853
1262+00.000	0.0	0	3.8	13	0	866	-866
1263+00.000	0.0	0	0.7	8	0	874	-874
1264+00.000	0.0	0	0.1	1	0	875	-875
1265+00.000	0.0	0	1.7	3	0	879	-879
1266+00.000	0.0	0	2.1	7	0	885	-885
1267+00.000	0.0	0	2.0	8	0	893	-893
1268+00.000	0.0	0	0.3	4	0	897	-897
1269+00.000	0.0	0	0.9	2	0	900	-900
1270+00.000	0.0	0	2.6	7	0	906	-906
1271+00.000	0.0	0	1.5	8	0	914	-914
1272+00.000	0.0	0	1.2	5	0	919	-919
1273+00.000	0.0	0	2.3	6	0	926	-926
1274+00.000	0.0	0	2.0	8	0	934	-934
1275+00.000	0.0	0	4.3	12	0	945	-945
1276+00.000	0.0	0	1.7	11	0	956	-956
1277+00.000	0.0	0	2.9	8	0	965	-965
1278+00.000	0.0	0	3.0	11	0	975	-975
1279+00.000	0.0	0	3.9	13	0	988	-988
1280+00.000	0.0	0	6.7	20	0	1008	-1008
1281+00.000	0.0	0	4.6	21	0	1028	-1028
1282+00.000	0.0	0	3.9	16	0	1044	-1044
1283+00.000	0.0	0	5.6	18	0	1062	-1062
1284+00.000	0.0	0	5.2	20	0	1082	-1082
1285+00.000	0.0	0	5.7	20	0	1102	-1102
1286+00.000	0.0	0	7.0	23	0	1125	-1125
1287+00.000	0.0	0	5.6	23	0	1149	-1149
1288+00.000	0.0	0	4.9	19	0	1168	-1168
1289+00.000	0.0	0	3.2	15	0	1183	-1183
1290+00.000	0.0	0	4.3	14	0	1197	-1197
1291+00.000	0.0	0	5.5	18	0	1215	-1215
1292+00.000	0.0	0	3.8	17	0	1232	-1232
1293+00.000	0.0	0	4.6	16	0	1248	-1248
1294+00.000	0.0	0	2.2	13	0	1261	-1261
1295+00.000	0.0	0	6.1	15	0	1276	-1276
1296+00.000	0.0	0	4.6	20	0	1296	-1296
1297+00.000	0.0	0	7.5	22	0	1318	-1318
1298+00.000	0.0	0	6.3	26	0	1344	-1344
1299+00.000	0.0	0	6.1	23	0	1367	-1367
1300+00.000	0.0	0	0.5	12	0	1379	-1379

CONTINUED

FILE NAME : \\mad31zp1\projects\state\USH_151\1111-03-02\Est Only\Quantities\11110372\Earthwork Summaries\4 EWK_USH 151 SB-Columbia.ppt

PLOT DATE : 4/23/2018 9:11 AM
PLOT BY : _____
PLOT NAME : _____
PLOT SCALE : 1:1

Earthwork Summary
SB Line, Sta. 1118+85 SB to Sta. 1330+00 SB

Station	Cut Area (Sq.ft.)	Cut Volume (Cu.yd.)	Fill Area (Sq.ft.)	Fill Volume (Cu.yd.)	Cum. Cut Vol. (Cu.yd.)	Cum. Fill Vol. (Cu.yd.)	Cum. Net Vol. (Cu.yd.)
1301+00.000	0.0	0	8.2	16	0	1395	-1395
1302+00.000	0.0	0	2.3	19	0	1414	-1414
1303+00.000	0.0	0	5.0	14	0	1428	-1428
1304+00.000	0.0	0	2.3	14	0	1441	-1441
1305+00.000	0.0	0	2.7	9	0	1451	-1451
1306+00.000	0.0	0	3.7	12	0	1462	-1462
1307+00.000	0.0	0	3.4	13	0	1476	-1476
1308+00.000	0.0	0	2.1	10	0	1486	-1486
1309+00.000	0.0	0	0.4	5	0	1490	-1490
1310+00.000	0.0	0	1.2	3	0	1493	-1493
1311+00.000	0.0	0	2.7	7	0	1500	-1500
1312+00.000	0.0	0	1.3	7	0	1508	-1508
1313+00.000	0.0	0	1.5	5	0	1513	-1513
1314+00.000	0.0	0	1.4	5	0	1518	-1518
1315+00.000	0.0	0	5.1	12	0	1530	-1530
1316+00.000	0.0	0	6.2	21	0	1551	-1551
1317+00.000	0.0	0	3.2	17	0	1569	-1569
1318+00.000	0.0	0	0.5	7	0	1576	-1576
1319+00.000	1.5	1	1.5	4	1	1579	-1579
1320+00.000	1.5	6	0.1	3	6	1582	-1576
1321+00.000	0.0	1	1.5	3	7	1585	-1578
1322+00.000	0.0	0	3.3	9	7	1594	-1587
1323+00.000	0.0	0	4.3	14	7	1608	-1601
1324+00.000	0.0	0	3.7	15	7	1623	-1616
1325+00.000	0.0	0	3.5	13	7	1636	-1629
1326+00.000	0.0	0	0.6	8	7	1644	-1637
1327+00.000	0.0	0	2.9	6	7	1650	-1643
1328+00.000	0.0	0	0.0	5	7	1656	-1649
1329+00.000	0.0	0	1.4	3	7	1658	-1651
1329+75.000	0.0	0	0.0	2	7	1660	-1653

Earthwork values in table have not been expanded.
Fill Expansion Factor for Common Excavation = 1.25
The Cumulative Fill Volume includes 1564 CY of Base Aggregate Dense 3/4-Inch.
See Earthwork in Miscellaneous Quantities.

Earthwork Summary
VN-Line, Sta. 29+36 VN to Sta. 37+94 VN

Station	Cut Area (Sq.ft.)	Cut Volume (Cu.yd.)	Fill Area (Sq.ft.)	Fill Volume (Cu.yd.)	Cum. Cut Vol. (Cu.yd.)	Cum. Fill Vol. (Cu.yd.)	Cum. Net Vol. (Cu.yd.)
29+36	0		0.0	0	0	0	0
30+86	4	0	0.0	0	0	0	0
31+49	6.5	12	0.0	0	12	0	12
31+61	6.4	3	0.0	0	15	0	15
31+80	5.7	4	0.0	0	19	0	19
31+93	5.3	3	0.0	0	22	0	22
32+11	0	2	0.0	0	24	0	24
33+00	0	0	0.0	0	24	0	24
34+00	0	0	0.0	0	24	0	24
35+00	0	0	0.0	0	24	0	24
35+19	0	0	0.0	0	24	0	24
35+37	5.4	2	0.0	0	26	0	26
35+50	5.3	3	0.0	0	28	0	28
35+69	6.7	4	0.0	0	32	0	32
35+81	6.6	3	0.0	0	35	0	35
36+44	3	11	0.0	0	47	0	47
37+94	0	0	0.0	0	47	0	47

Earthwork values in table have not been expanded.
Fill Expansion Factor for Common Excavation = 1.25
See Earthwork in Miscellaneous Quantities.

Earthwork Summary
VK-Line, Sta. 919+75 VK to Sta. 935+00 VK

Station	Cut Area (Sq.ft.)	Cut Volume (Cu.yd.)	Fill Area (Sq.ft.)	Fill Volume (Cu.yd.)	Cum. Cut Vol. (Cu.yd.)	Cum. Fill Vol. (Cu.yd.)	Cum. Net Vol. (Cu.yd.)
919+75.000	0	0	5.3	0	0	0	0
920+00.000	0	0	4.4	4	0	4	-4
921+00.000	0	0	7.9	23	0	27	-27
922+00.000	0	0	6.5	27	0	54	-54
923+00.000	0	0	3.5	19	0	72	-72
924+00.000	0	0	1.6	10	0	82	-82
925+00.000	0	0	0.4	4	0	86	-86
926+00.000	0	0	1.2	3	0	89	-89
927+00.000	0	0	4.5	11	0	99	-99
928+00.000	0	0	3.0	14	0	113	-113
929+00.000	0	0	0.3	6	0	119	-119
930+00.000	0	0	3.6	7	0	126	-126
931+00.000	0	0	5.4	17	0	143	-143
932+00.000	0	0	5.9	21	0	164	-164
933+00.000	0	0	3.2	17	0	181	-181
934+00.000	0	0	2.2	10	0	190	-190
935+00.000	0	0	1.8	7	0	198	-198

Earthwork values in table have not been expanded.
Fill Expansion Factor for Common Excavation = 1.25
The Cumulative Fill Volume includes 179 CY of Base Aggregate Dense 3/4-Inch.
See Earthwork in Miscellaneous Quantities.

Earthwork Summary
VJ-Line, Sta. 906+00 VJ to Sta. 917+75 VJ

Station	Cut Area (Sq.ft.)	Cut Volume (Cu.yd.)	Fill Area (Sq.ft.)	Fill Volume (Cu.yd.)	Cum. Cut Vol. (Cu.yd.)	Cum. Fill Vol. (Cu.yd.)	Cum. Net Vol. (Cu.yd.)
906+00.000	0	0	1.5	0	0	0	0
907+00.000	0	0	6.7	15	0	15	-15
908+00.000	0	0	2.5	17	0	32	-32
909+00.000	0	0	0.6	6	0	38	-38
910+00.000	0	0	12.8	25	0	62	-62
911+00.000	0	0	8.5	40	0	102	-102
911+50.000	0	0	10.4	35	0	137	-137
912+00.000	0	0	5.4	29	0	166	-166
913+00.000	0	0	5.9	21	0	187	-187
914+00.000	0	0	8.8	27	0	214	-214
915+00.000	0	0	11.8	38	0	252	-252
916+00.000	0	0	8.3	37	0	290	-290
917+00.000	0	0	3.8	22	0	312	-312
917+75.000	0	0	3.4	10	0	322	-322

Earthwork values in table have not been expanded.
Fill Expansion Factor for Common Excavation = 1.25
The Cumulative Fill Volume includes 160 CY of Base Aggregate Dense 3/4-Inch.
See Earthwork in Miscellaneous Quantities.

Earthwork Summary
VG-Line, Sta. 915+00 VG to Sta. 927+75 VG

Station	Cut Area (Sq.ft.)	Cut Volume (Cu.yd.)	Fill Area (Sq.ft.)	Fill Volume (Cu.yd.)	Cum. Cut Vol. (Cu.yd.)	Cum. Fill Vol. (Cu.yd.)	Cum. Net Vol. (Cu.yd.)
915+00.000	0	0	9.0	0	0	0	0
916+00.000	0	0	9.0	33	0	33	-33
917+00.000	0	0	3.6	23	0	57	-57
918+00.000	0	0	2.9	12	0	69	-69
919+00.000	0	0	0.4	6	0	75	-75
920+00.000	0	0	0.4	1	0	76	-76
921+00.000	0	0	0.8	2	0	79	-79
922+00.000	0	0	0.2	2	0	80	-80
923+00.000	0	0	1.6	3	0	84	-84
924+00.000	0	0	1.0	5	0	89	-89
925+00.000	0	0	3.3	8	0	97	-97
926+00.000	0	0	4.6	15	0	111	-111
927+00.000	0	0	5.9	19	0	131	-131
927+75.000	0	0	3.5	13	0	144	-144

Earthwork values in table have not been expanded.
Fill Expansion Factor for Common Excavation = 1.25
The Cumulative Fill Volume includes 92 CY of Base Aggregate Dense 3/4-Inch.
See Earthwork in Miscellaneous Quantities.

Earthwork Summary
VH-Line, Sta. 929+75 VH to Sta. 939+00 VH

Station	Cut Area (Sq.ft.)	Cut Volume (Cu.yd.)	Fill Area (Sq.ft.)	Fill Volume (Cu.yd.)	Cum. Cut Vol. (Cu.yd.)	Cum. Fill Vol. (Cu.yd.)	Cum. Net Vol. (Cu.yd.)
929+75.000	0	0	0.0	0	0	0	0
930+00.000	0	0	0.0	0	0	0	0
931+00.000	0	0	0.8	1	0	1	-1
932+00.000	0	0	2.7	7	0	8	-8
933+00.000	0	0	1.4	8	0	16	-16
934+00.000	0	0	1.1	5	0	20	-20
935+00.000	0	0	2.4	6	0	27	-27
936+00.000	0	0	0.8	6	0	32	-32
937+00.000	0	0	2.4	6	0	38	-38
938+00.000	0	0	0.8	6	0	44	-44
939+00.000	0	0	0.7	3	0	47	-47

Earthwork values in table have not been expanded.
Fill Expansion Factor for Common Excavation = 1.25
The Cumulative Fill Volume includes 47 CY of Base Aggregate Dense 3/4-Inch.
See Earthwork in Miscellaneous Quantities.

Earthwork Summary
DL-Line, Sta. 1326+30 DL to Sta. 1336+00 DL

Station	Cut Area (Sq.ft.)	Cut Volume (Cu.yd.)	Fill Area (Sq.ft.)	Fill Volume (Cu.yd.)	Cum. Cut Vol. (Cu.yd.)	Cum. Fill Vol. (Cu.yd.)	Cum. Net Vol. (Cu.yd.)
1326+29.856	0	0	2.0	0	0	0	0
1327+00.000	0	0	0.4	3	0	3	-3
1328+00.000	0	0	3.0	6	0	9	-9
1329+00.000	0	0	1.6	9	0	18	-18
1330+00.000	0	0	3.0	9	0	27	-27
1331+00.000	0	0	0.5	6	0	33	-33
1332+00.000	0	0	3.0	6	0	39	-39
1333+00.000	0	0	1.0	7	0	47	-47
1334+00.000	0	0	1.5	5	0	51	-51
1335+00.000	0	0	3.5	9	0	60	-60
1336+00.000	0	0	0.7	8	0	68	-68

Earthwork values in table have not been expanded.
Fill Expansion Factor for Common Excavation = 1.25
The Cumulative Fill Volume includes 68 CY of Base Aggregate Dense 3/4-Inch.
See Earthwork in Miscellaneous Quantities.

Earthwork Summary
DK-Line, Sta. 1309+45 DK to Sta. 1322+58 DK

Station	Cut Area (Sq.ft.)	Cut Volume (Cu.yd.)	Fill Area (Sq.ft.)	Fill Volume (Cu.yd.)	Cum. Cut Vol. (Cu.yd.)	Cum. Fill Vol. (Cu.yd.)	Cum. Net Vol. (Cu.yd.)
1309+44.657	0	0	4.3	0	0	0	0
1310+00.000	0	0	2.3	7	0	7	-7
1311+00.000	0	0	2.0	8	0	15	-15
1312+00.000	0	0	3.0	9	0	24	-24
1313+00.000	0	0	1.8	9	0	33	-33
1314+00.000	0	0	3.0	9	0	41	-41
1315+00.000	0	0	4.0	13	0	54	-54
1316+00.000	0	0	3.7	14	0	69	-69
1317+00.000	0	0	1.6	10	0	79	-79
1318+00.000	0	0	2.3	7	0	86	-86
1319+00.000	0	0	1.8	8	0	93	-93
1320+00.000	0	0	2.6	8	0	101	-101
1321+00.000	0	0	6.0	16	0	117	-117
1322+00.000	0	0	4.0	19	0	136	-136
1322+58.290	0	0	2.7	12	0	148	-148

Earthwork values in table have not been expanded.
Fill Expansion Factor for Common Excavation = 1.25
The Cumulative Fill Volume includes 127 CY of Base Aggregate Dense 3/4-Inch.

Earthwork Summary
DJ-Line, Sta. 1306+16 DJ to Sta. 1315+69 DJ

Station	Cut Area (Sq.ft.)	Cut Volume (Cu.yd.)	Fill Area (Sq.ft.)	Fill Volume (Cu.yd.)	Cum. Cut Vol. (Cu.yd.)	Cum. Fill Vol. (Cu.yd.)	Cum. Net Vol. (Cu.yd.)
1306+15.612	0	0	0.0	0	0	0	0
1307+00.000	0	0	4.8	8	0	8	-8
1308+00.000	0	0	6.7	21	0	29	-29
1309+00.000	0	0	15.0	40	0	69	-69
1310+00.000	0	0	13.8	53	0	123	-123
1311+00.000	0	0	14.6	53	0	175	-175
1312+00.000	0	0	14.0	53	0	228	-228
1313+00.000	0	0	12.4	49	0	277	-277
1314+00.000	0	0	7.0	36	0	313	-313
1315+00.000	0	0	7.4	27	0	339	-339
1315+69.060	0	0	5.3	24	0	363	-363

Earthwork values in table have not been expanded.
Fill Expansion Factor for Common Excavation = 1.25
The Cumulative Fill Volume includes 156 CY of Base Aggregate Dense 3/4-Inch.
See Earthwork in Miscellaneous Quantities.

Earthwork Summary
DF-Line, Sta. 1319+17 DF to Sta. 1333+00 DF

Station	Cut Area (Sq.ft.)	Cut Volume (Cu.yd.)	Fill Area (Sq.ft.)	Fill Volume (Cu.yd.)	Cum. Cut Vol. (Cu.yd.)	Cum. Fill Vol. (Cu.yd.)	Cum. Net Vol. (Cu.yd.)
1319+16.58	0	0	1.8	0	0	0	0
1319+50.00	0	0	0.9	2	0	2	-2
1320+00.00	0	0	0.1	1	0	2	-2
1320+50.00	0	0	0.1	0	0	3	-3
1321+00.00	0	0	0.0	0	0	3	-3
1321+50.00	0	0	0.0	0	0	3	-3
1322+00.00	0	0	0.0	0	0	3	-3
1322+50.00	0	0	0.0	0	0	3	-3
1323+00.00	0	0	0.3	0	0	3	-3
1323+50.00	0	0	0.0	0	0	3	-3
1324+00.00	0	0	0.0	0	0	3	-3
1324+50.00	0	0	0.0	0	0	3	-3
1325+00.00	0	0	0.0	0	0	3	-3
1325+50.00	0	0	0.0	0	0	3	-3
1326+00.00	0	0	0.1	0	0	3	-3
1326+50.00	0	0	0.5	1	0	4	-4
1327+00.00	0	0	0.7	1	0	5	-5
1327+50.00	0	0	0.8	1	0	7	-7
1328+00.00	0	0	0.7	1	0	8	-8
1328+50.00	0	0	1.5	2	0	10	-10
1329+00.00	0	0	2.4	4	0	14	-14
1329+50.00	0	0	1.6	4	0	17	-17
1330+00.00	0	0	1.6	3	0	20	-20
1330+50.00	0	0	1.0	2	0	23	-23
1331+00.00	0	0	1.3	2	0	25	-25
1331+50.00	0	0	1.8	3	0	28	-28
1332+00.00	0	0	0.6	2	0	30	-30
1332+50.00	0	0	0.0	1	0	31	-31
1333+00.00	0	0	0.0	0	0	31	-31

Earthwork values in table have not been expanded.
Fill Expansion Factor for Common Excavation = 1.25
The Cumulative Fill Volume includes 31 CY of Base Aggregate Dense 3/4-Inch.
See Earthwork in Miscellaneous Quantities.

Earthwork Summary
GK-Line, Sta. 1427+70 GK to Sta. 1435+05 GK

Station	Cut Area (Sq.ft.)	Cut Volume (Cu.yd.)	Fill Area (Sq.ft.)	Fill Volume (Cu.yd.)	Cum. Cut Vol. (Cu.yd.)	Cum. Fill Vol. (Cu.yd.)	Cum. Net Vol. (Cu.yd.)
1427+69.170	0	0	0.5	0	0	0	0
1428+00.000	0	0	0.3	1	0	1	-1
1428+50.000	0	0	0.7	1	0	2	-2
1429+00.000	0	0	0.3	1	0	3	-3
1429+50.000	0	0	0.7	1	0	4	-4
1430+00.000	0	0	0.6	1	0	5	-5
1430+50.000	0	0	0.6	1	0	6	-6
1431+00.000	0	0	1.2	2	0	8	-8
1431+50.000	0	0	2.2	3	0	11	-11
1432+00.000	0	0	1.1	3	0	14	-14
1432+50.000	0	0	2.7	4	0	17	-17
1433+00.000	0	0	0.5	3	0	20	-20
1433+50.000	0	0	1.8	2	0	22	-22
1434+00.000	0	0	1.7	3	0	26	-26
1434+50.000	0	0	3.0	4	0	30	-30
1435+00.000	0	0	3.3	6	0	36	-36
1435+05.861	0	0	3.4	6	0	42	-42

Earthwork values in table have not been expanded.
Fill Expansion Factor for Common Excavation = 1.25
The Cumulative Fill Volume includes 42 CY of Base Aggregate Dense 3/4-Inch.
See Earthwork in Miscellaneous Quantities.

Earthwork Summary
GL-Line, Sta. 1443+72 GL to Sta. 1454+47 GL

Station	Cut Area (Sq.ft.)	Cut Volume (Cu.yd.)	Fill Area (Sq.ft.)	Fill Volume (Cu.yd.)	Cum. Cut Vol. (Cu.yd.)	Cum. Fill Vol. (Cu.yd.)	Cum. Net Vol. (Cu.yd.)
1443+71.783	0	0	0.7	0	0	0	0
1444+00.000	0	0	0.1	1	0	1	-1
1444+50.000	0	0	0.0	0	0	1	-1
1445+00.000	0	0	0.6	1	0	1	-1
1445+50.000	0	0	0.4	1	0	2	-2
1446+00.000	0	0	0.0	0	0	3	-3
1446+50.000	0	0	0.0	0	0	3	-3
1447+00.000	0	0	0.5	0	0	3	-3
1447+50.000	0	0	1.2	2	0	5	-5
1448+00.000	0	0	1.9	3	0	7	-7
1448+50.000	0	0	2.0	4	0	11	-11
1449+00.000	0	0	1.8	4	0	15	-15
1449+50.000	0	0	1.4	3	0	18	-18
1450+00.000	0	0	0.7	2	0	19	-19
1450+50.000	0	0	0.2	1	0	20	-20
1451+00.000	0	0	0.3	0	0	21	-21
1451+50.000	0	0	0.6	1	0	22	-22
1452+00.000	0	0	0.9	1	0	23	-23
1452+50.000	0	0	0.3	1	0	24	-24
1453+00.000	0	0	0.5	1	0	25	-25
1453+50.000	0	0	1.0	1	0	26	-26
1454+00.000	0	0	2.3	3	0	29	-29
1454+47.736	0	0	1.7	4	0	33	-33

Earthwork values in table have not been expanded.
Fill Expansion Factor for Common Excavation = 1.25
The Cumulative Fill Volume includes 33 CY of Base Aggregate Dense 3/4-Inch.
See Earthwork in Miscellaneous Quantities.

Earthwork Summary
K-Line, Sta. 100+96 K to Sta. 107+25 K

Station	Cut Area (Sq.ft.)	Cut Volume (Cu.yd.)	Fill Area (Sq.ft.)	Fill Volume (Cu.yd.)	Cum. Cut Vol. (Cu.yd.)	Cum. Fill Vol. (Cu.yd.)	Cum. Net Vol. (Cu.yd.)
101+00.000	0.0	0		0	0	0	0
101+15.430	0.0	0	5.9	2	0	2	-2
101+50.000	0.0	0	3.0	6	0	7	-7
101+69.509	0.0	0	4.4	7	0	14	-14
102+00.000	0.0	0	5.0	5	0	20	-20
102+19.509	0.0	0	9.8	5	0	25	-25
102+50.000	0.0	0	6.5	9	0	34	-34
103+00.000	0.0	0	1.0	7	0	41	-41
103+50.000	0.0	0	0.0	1	0	42	-42
104+00.000	0.0	0	0.0	0	0	42	-42
104+50.000	0.0	0	0.0	0	0	42	-42
105+00.000	0.0	0	0.0	0	0	42	-42
105+50.000	0.0	0	0.1	0	0	42	-42
106+00.000	0.0	0	0.0	0	0	42	-42
106+50.000	0.0	0	0.0	0	0	42	-42
107+00.000	0.0	0	0.0	0	0	42	-42
107+50.000	0.0	0	0.0	0	0	42	-42

Earthwork values in table have not been expanded.
Fill Expansion Factor for Common Excavation = 1.25
The Cumulative Fill Volume includes 21 CY of Base Aggregate Dense 3/4-Inch.
See Earthwork in Miscellaneous Quantities.

Earthwork Summary
KN-Line, Sta. 1542+92 KN to Sta. 1552+34 KN

Station	Cut Area (Sq.ft.)	Cut Volume (Cu.yd.)	Fill Area (Sq.ft.)	Fill Volume (Cu.yd.)	Cum. Cut Vol. (Cu.yd.)	Cum. Fill Vol. (Cu.yd.)	Cum. Net Vol. (Cu.yd.)
1542+91.482	0	0	1.3		0	0	0
1543+00.000	0	0	1.2	0	0	0	0
1543+50.000	0	0	2.4	3	0	4	-4
1544+00.000	0	0	2.8	5	0	9	-9
1544+50.000	0	0	3.6	6	0	15	-15
1545+00.000	0	0	1.2	4	0	19	-19
1545+50.000	0	0	2.3	3	0	22	-22
1546+00.000	0	0	3.9	6	0	28	-28
1546+50.000	0	0	2.9	6	0	34	-34
1547+00.000	0	0	2.5	5	0	39	-39
1547+50.000	0	0	2.1	4	0	44	-44
1548+00.000	0	0	1.5	3	0	47	-47
1548+50.000	0	0	1.4	3	0	50	-50
1549+00.000	0	0	0.5	2	0	51	-51
1549+50.000	0	0	0.6	1	0	52	-52
1550+00.000	0	0	1.0	1	0	54	-54
1550+50.000	0	0	1.9	3	0	56	-56
1551+00.000	0	0	2.4	4	0	60	-60
1551+50.000	0	0	0.7	3	0	63	-63
1552+00.000	0	0	0.5	1	0	64	-64
1552+34.127	0	0	0.3	0	0	65	-65

Earthwork values in table have not been expanded.
Fill Expansion Factor for Common Excavation = 1.25
The Cumulative Fill Volume includes 65 CY of Base Aggregate Dense 3/4-Inch.
See Earthwork in Miscellaneous Quantities.

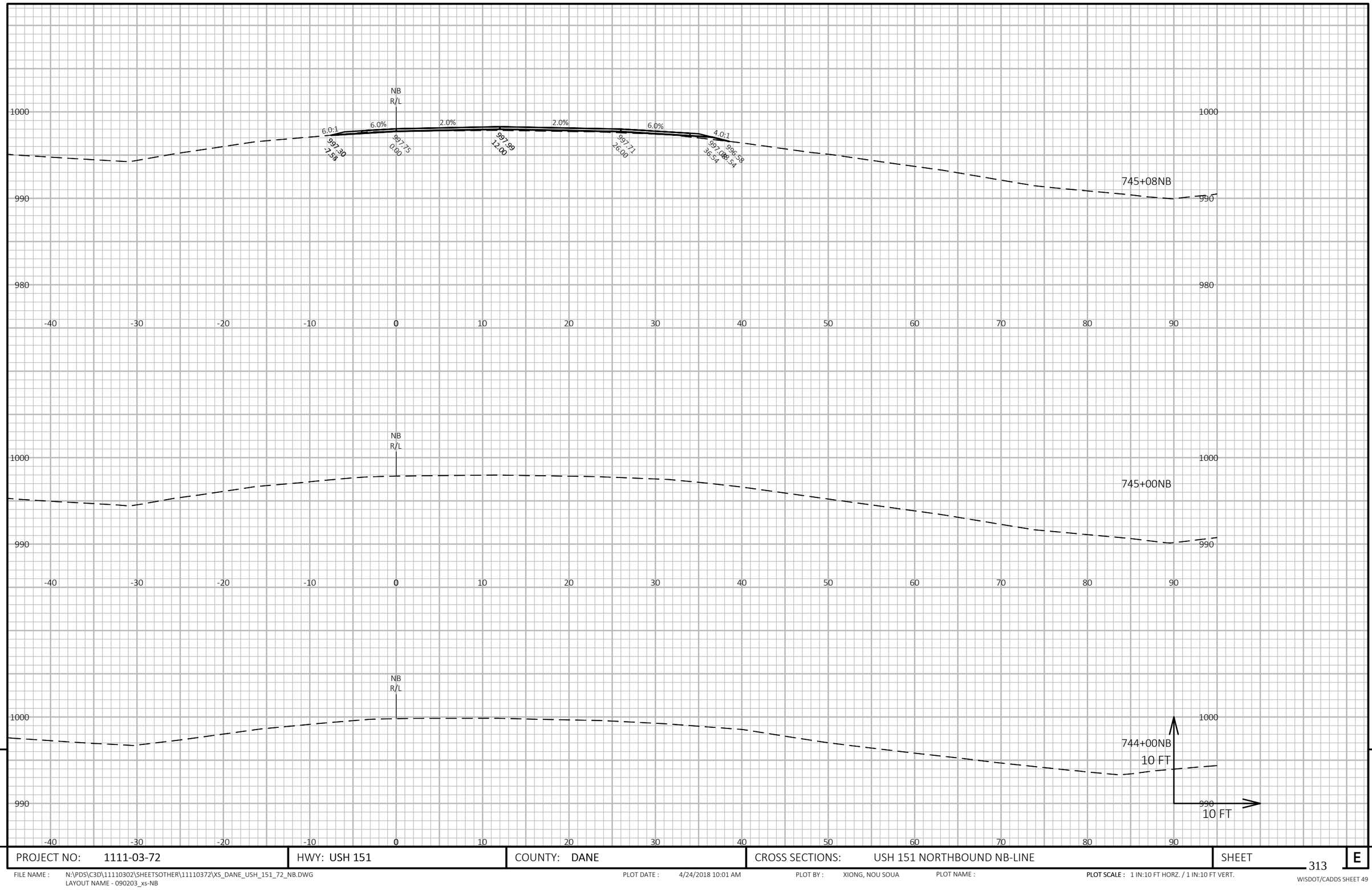
PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	EARTHWORK – STH 73 N	SHEET NO: 311	E

FILE NAME : \\mad31zp1\projects\state\USH_151\1111-03-02\EstQnty\Quantities\11110372\Earthwork Summaries\7_8 EWK_STH 16-60_STH 73North.ppt
PLOT DATE : 5/18/2018 2:24 PM
PLOT BY : _____
PLOT NAME : _____
PLOT SCALE : 1:1

Earthwork Summary
KO-Line, Sta. 1561+10 KO to Sta. 1567+64 KO

Station	Cut Area (Sq.ft.)	Cut Volume (Cu.yd.)	Fill Area (Sq.ft.)	Fill Volume (Cu.yd.)	Cum. Cut Vol. (Cu.yd.)	Cum. Fill Vol. (Cu.yd.)	Cum. Net Vol. (Cu.yd.)
1561+09.552	0	0	1.7		0	0	0
1561+50.000	0	0	2.3	3	0	3	-3
1562+00.000	0	0	0.6	3	0	6	-6
1562+50.000	0	0	1.2	2	0	7	-7
1563+00.000	0	0	1.3	2	0	10	-10
1563+50.000	0	0	1.5	3	0	12	-12
1564+00.000	0	0	0.6	2	0	14	-14
1564+50.000	0	0	1.6	2	0	16	-16
1565+00.000	0	0	1.1	2	0	19	-19
1565+50.000	0	0	3.2	4	0	23	-23
1566+00.000	0	0	2.1	5	0	28	-28
1566+50.000	0	0	2.9	5	0	32	-32
1567+00.000	0	0	1.8	4	0	37	-37
1567+50.000	0	0	2.7	4	0	41	-41
1567+64.854	0	0	3.3	2	0	42	-42

Earthwork values in table have not been expanded.
Fill Expansion Factor for Common Excavation = 1.25
The Cumulative Fill Volume includes 42 CY of Base Aggregate Dense 3/4-Inch.
See Earthwork in Miscellaneous Quantities.



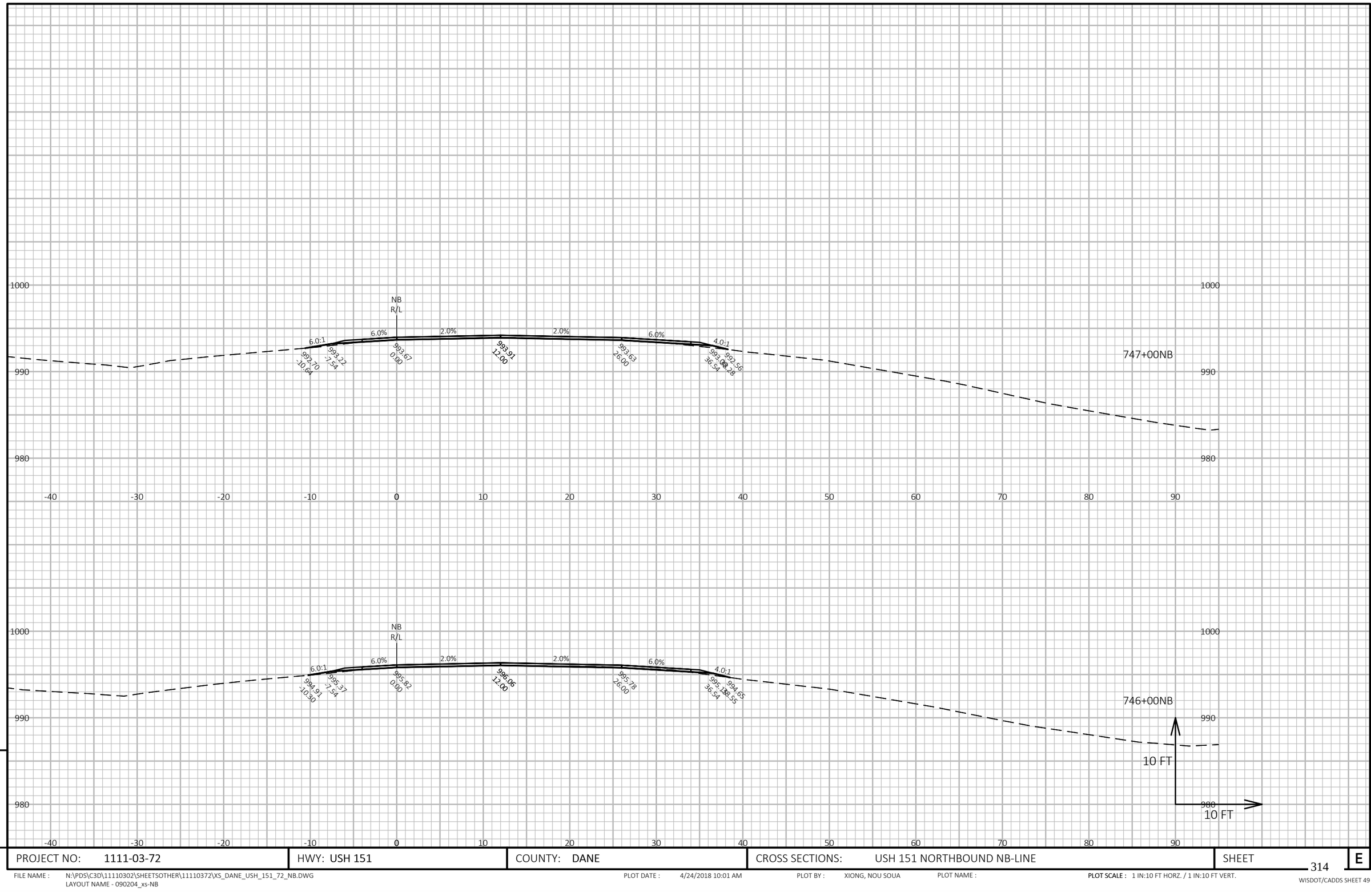
9

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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 313	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090203_xs-NB

PLOT DATE : 4/24/2018 10:01 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 314 E

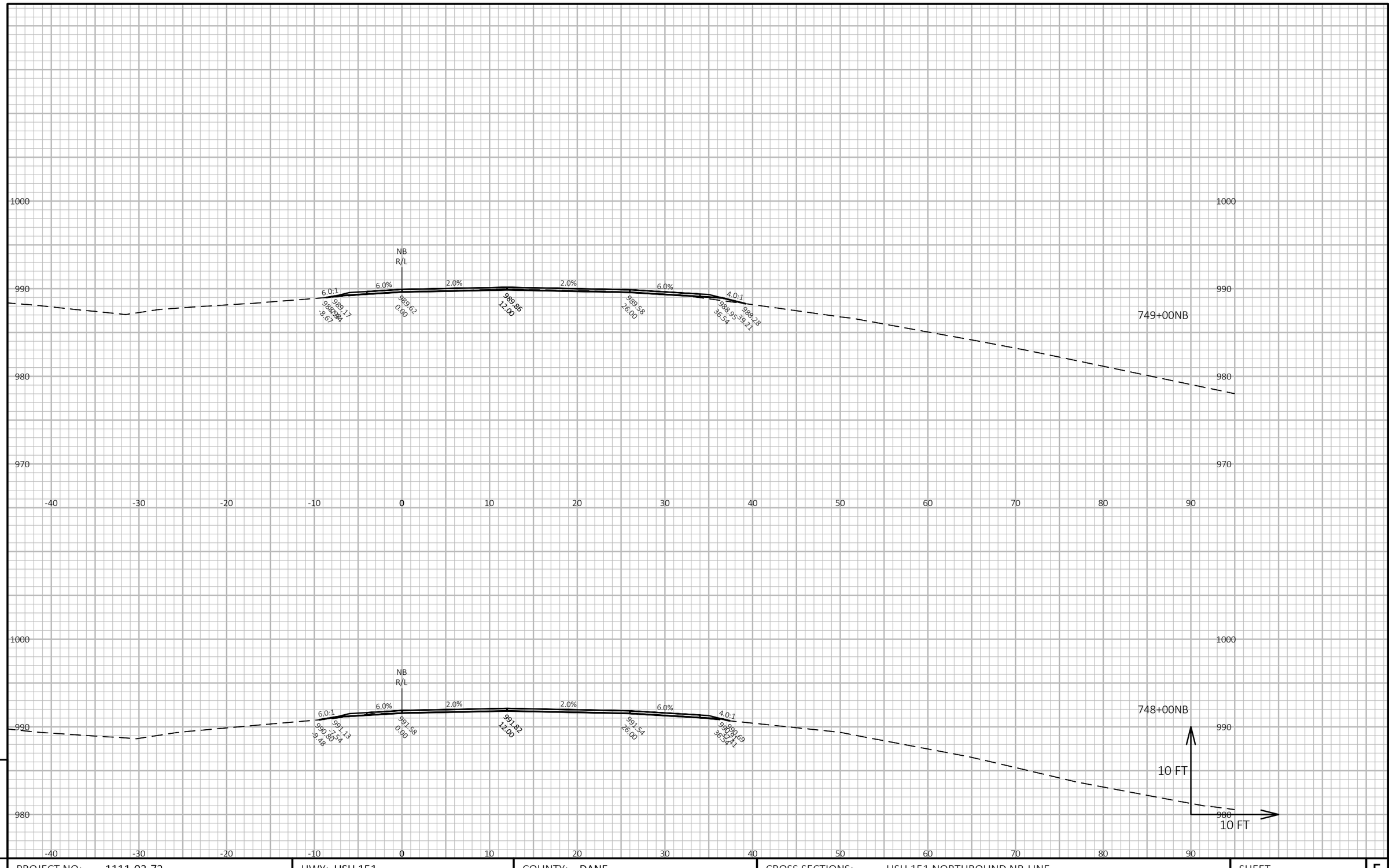
FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090204_xs-NB

PLOT DATE : 4/24/2018 10:01 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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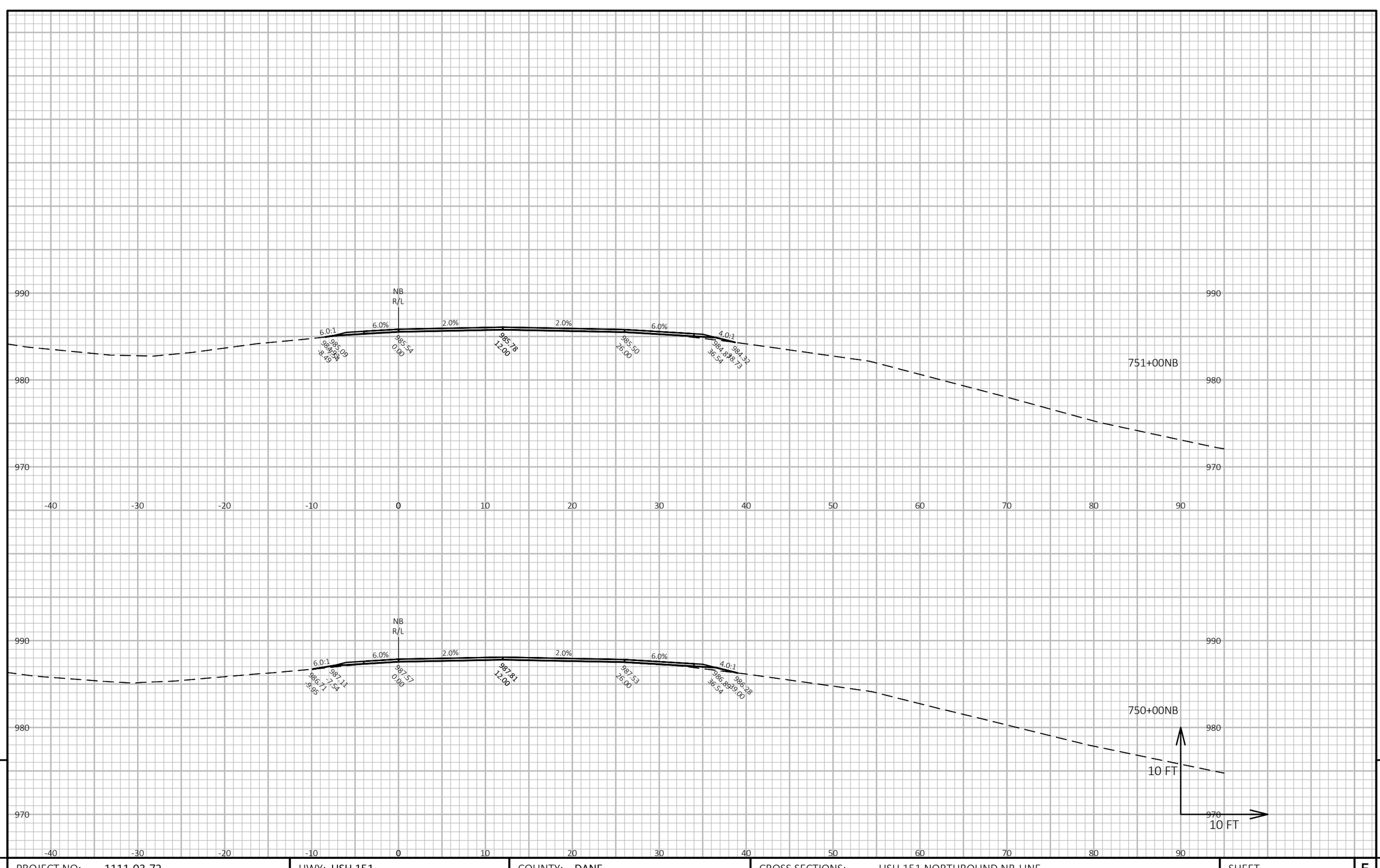
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 315	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090205_xs-NB

PLOT DATE : 4/24/2018 10:01 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

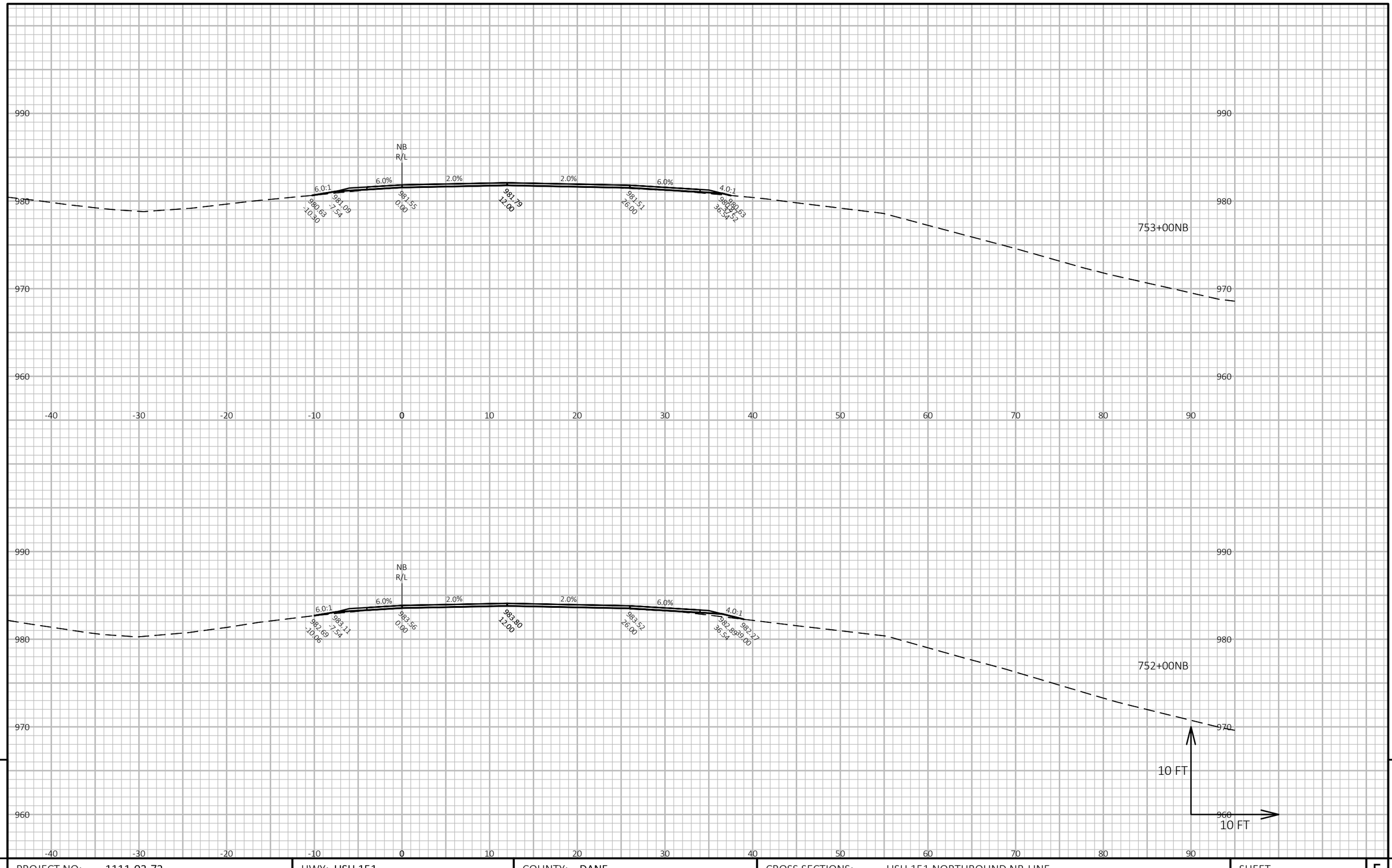


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 316 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090206_xs-NB

PLOT DATE : 4/24/2018 10:01 AM PLOT BY : XIONG, NOU SOUA PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

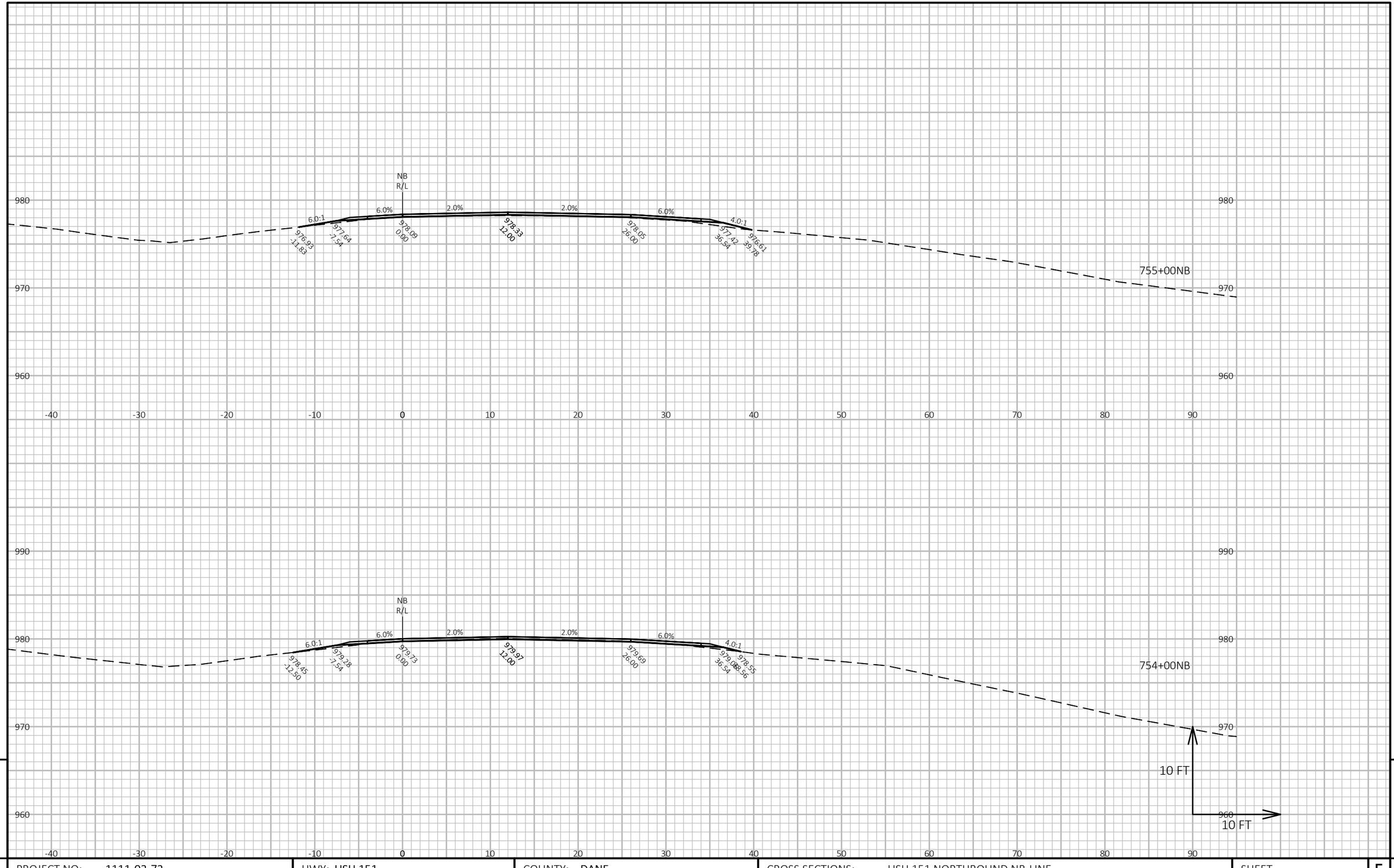


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 317 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090207_xs-NB

PLOT DATE : 4/24/2018 10:01 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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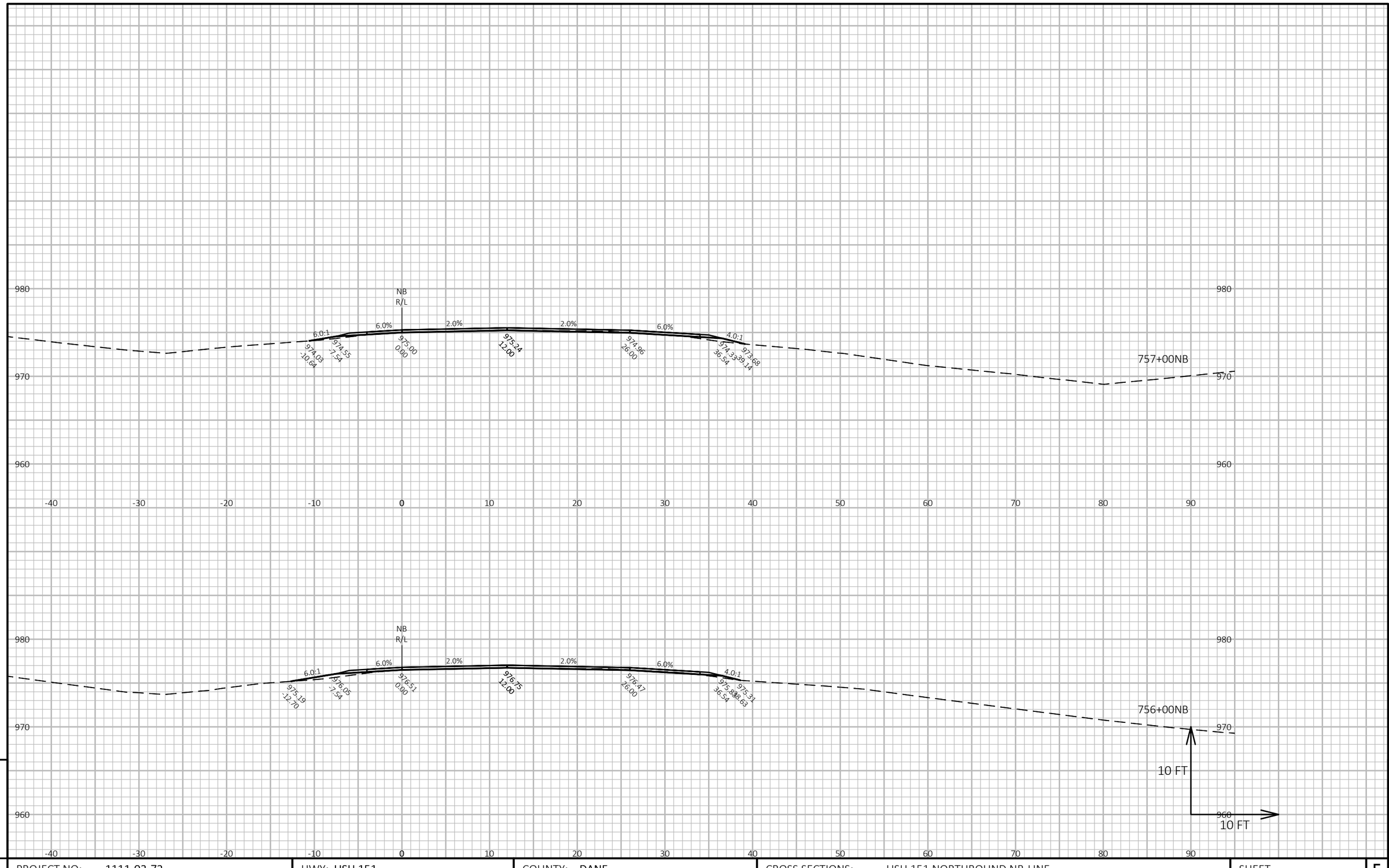
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 318	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090208_xs-NB

PLOT DATE : 4/24/2018 10:01 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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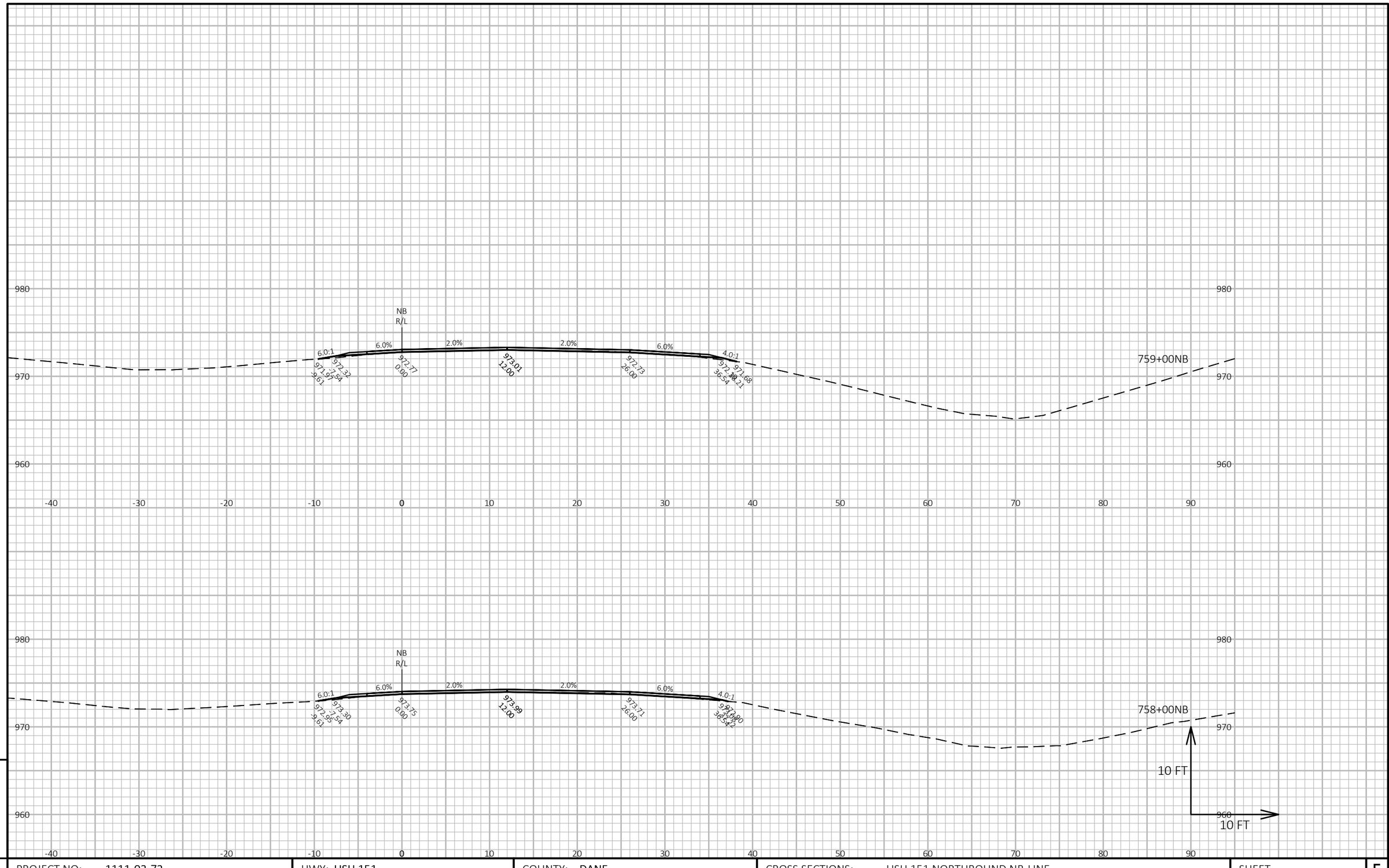
PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 319	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090209_xs-NB

PLOT DATE : 4/24/2018 10:01 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

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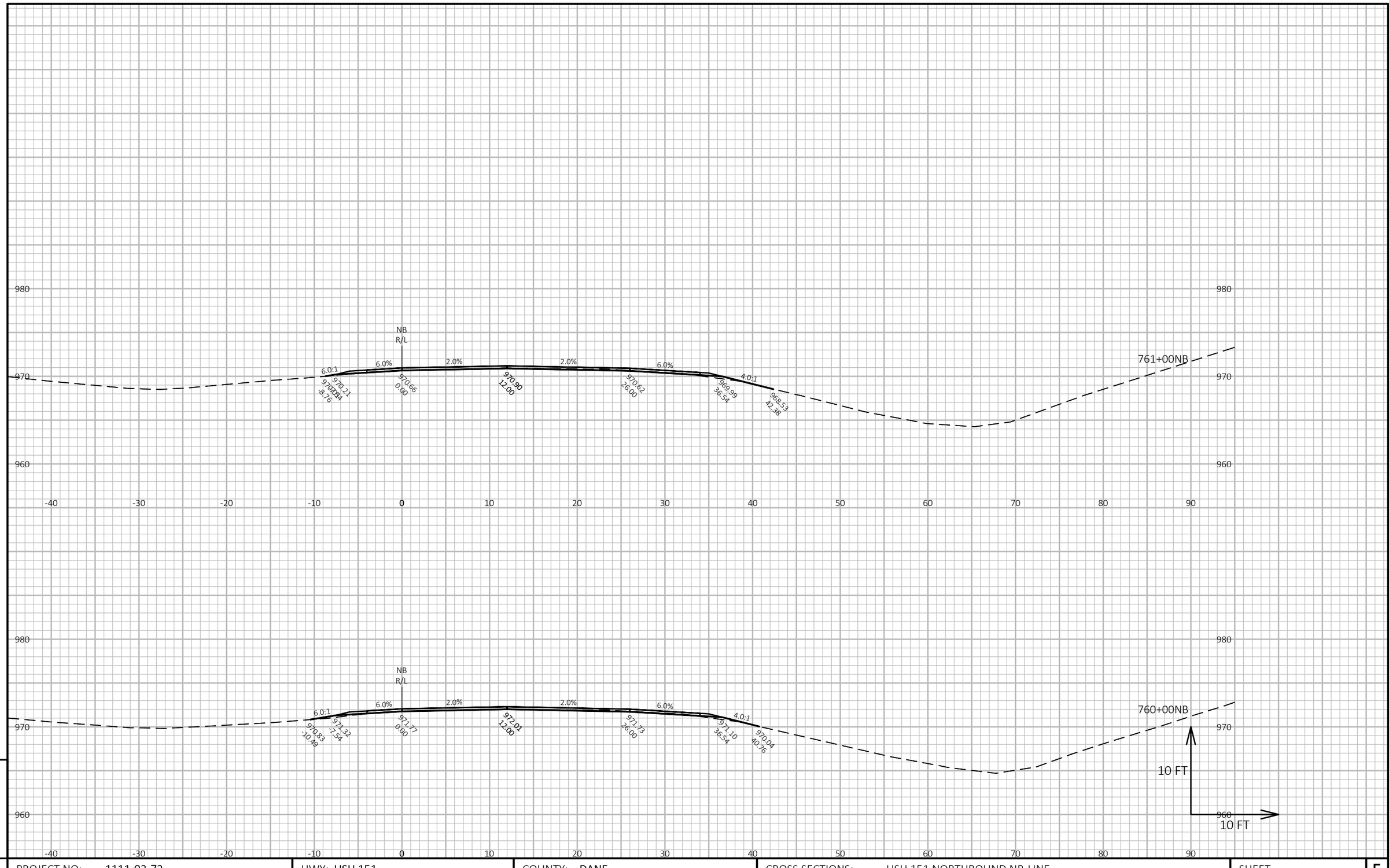


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 320 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090210_xs-NB

PLOT DATE : 4/24/2018 10:02 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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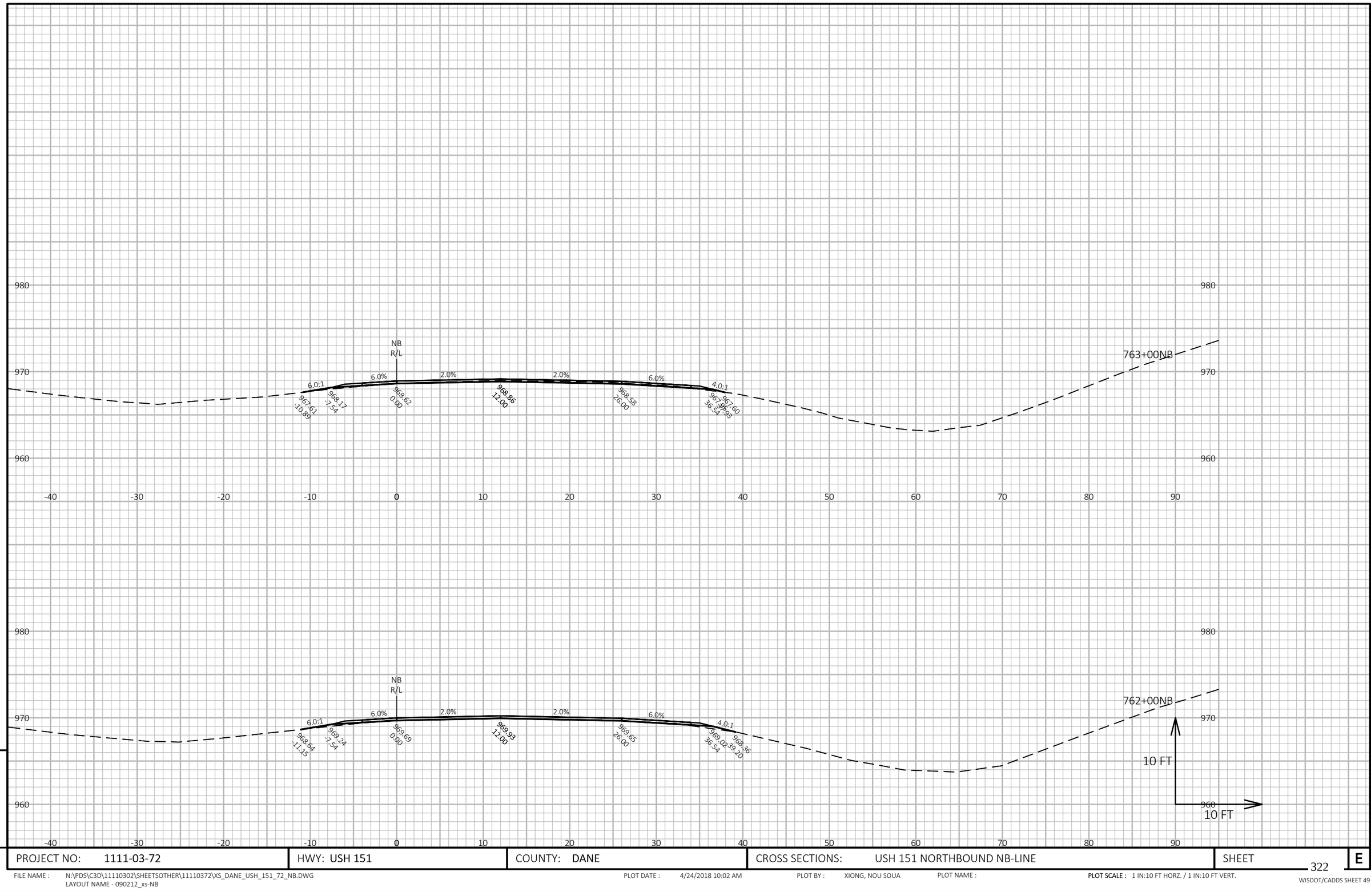
PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 321	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090211_xs-NB

PLOT DATE : 4/24/2018 10:02 AM PLOT BY : XIONG, NOU SOUA PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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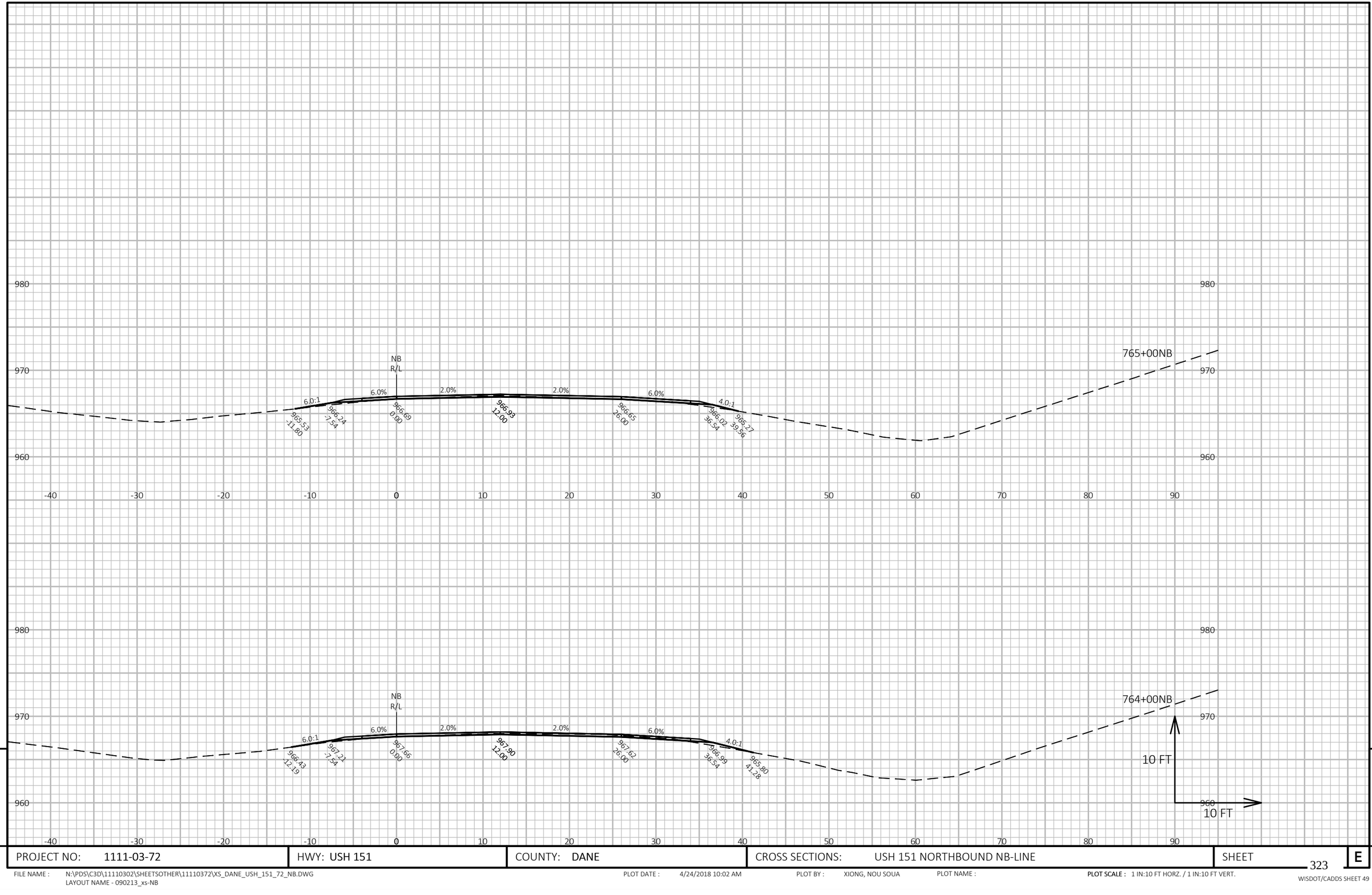
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 322 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090212_xs-NB

PLOT DATE : 4/24/2018 10:02 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

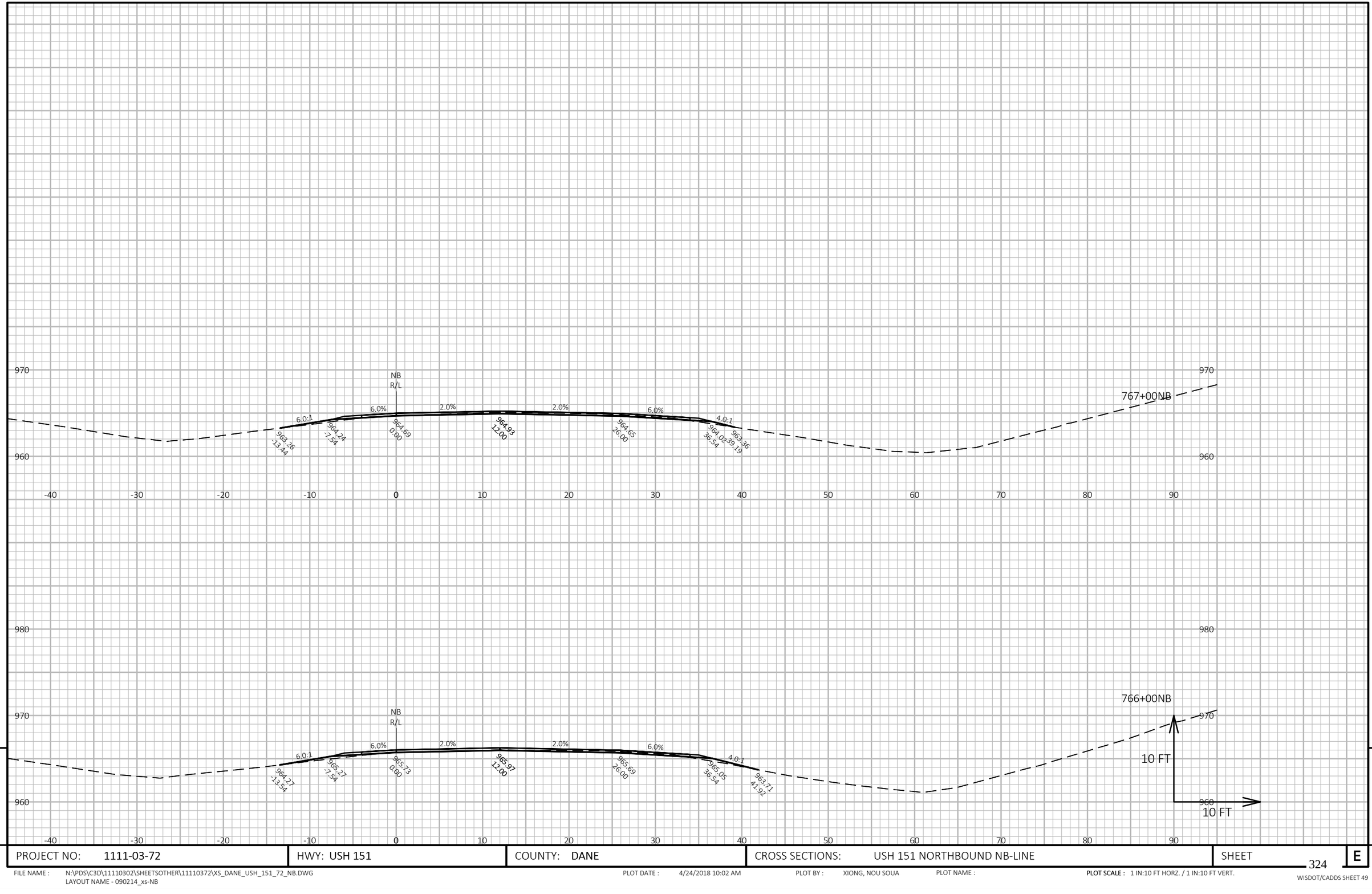


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 323	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090213_xs-NB

PLOT DATE : 4/24/2018 10:02 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

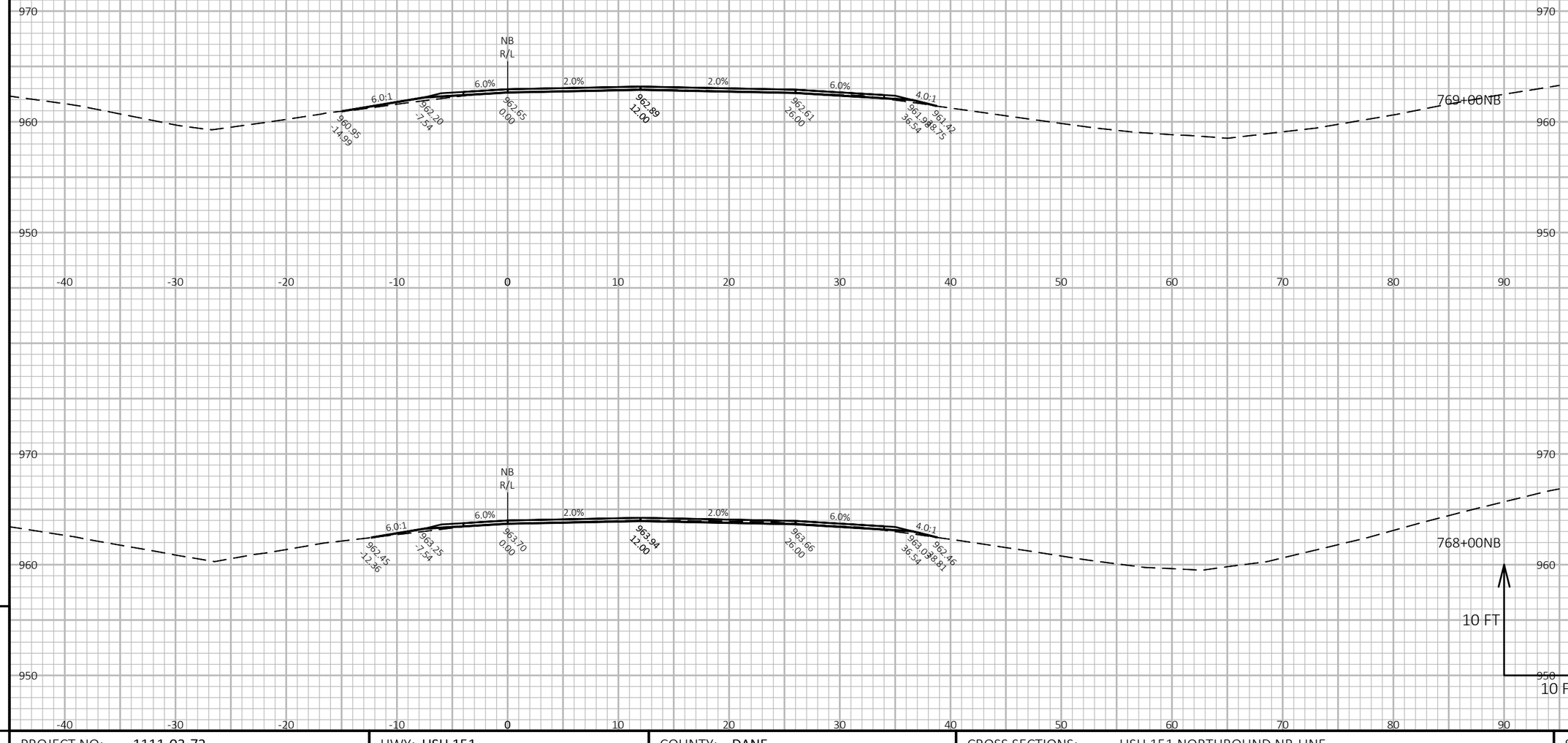


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 324	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090214_xs-NB

PLOT DATE : 4/24/2018 10:02 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



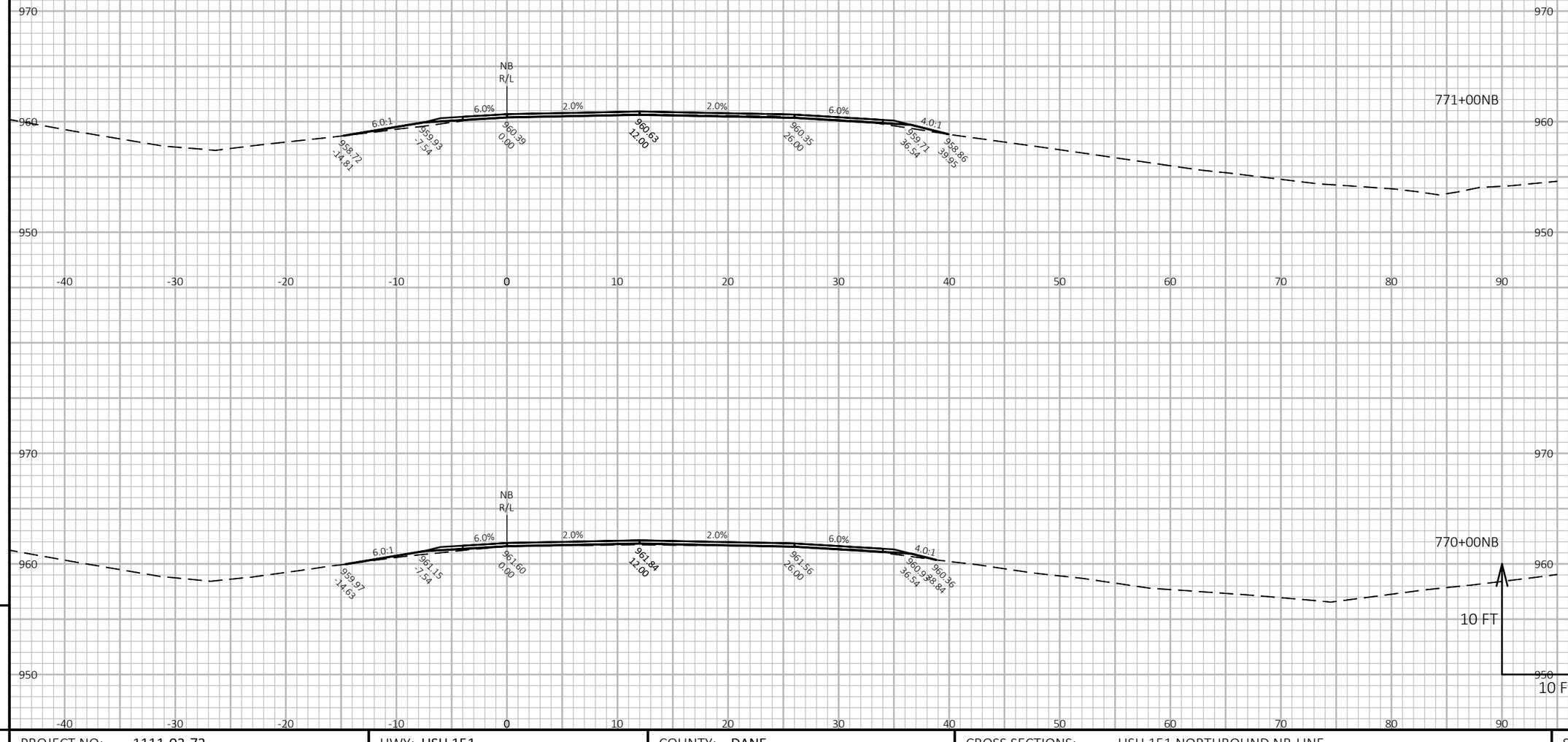
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 325 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090215_xs-NB

PLOT DATE : 4/24/2018 10:02 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



9

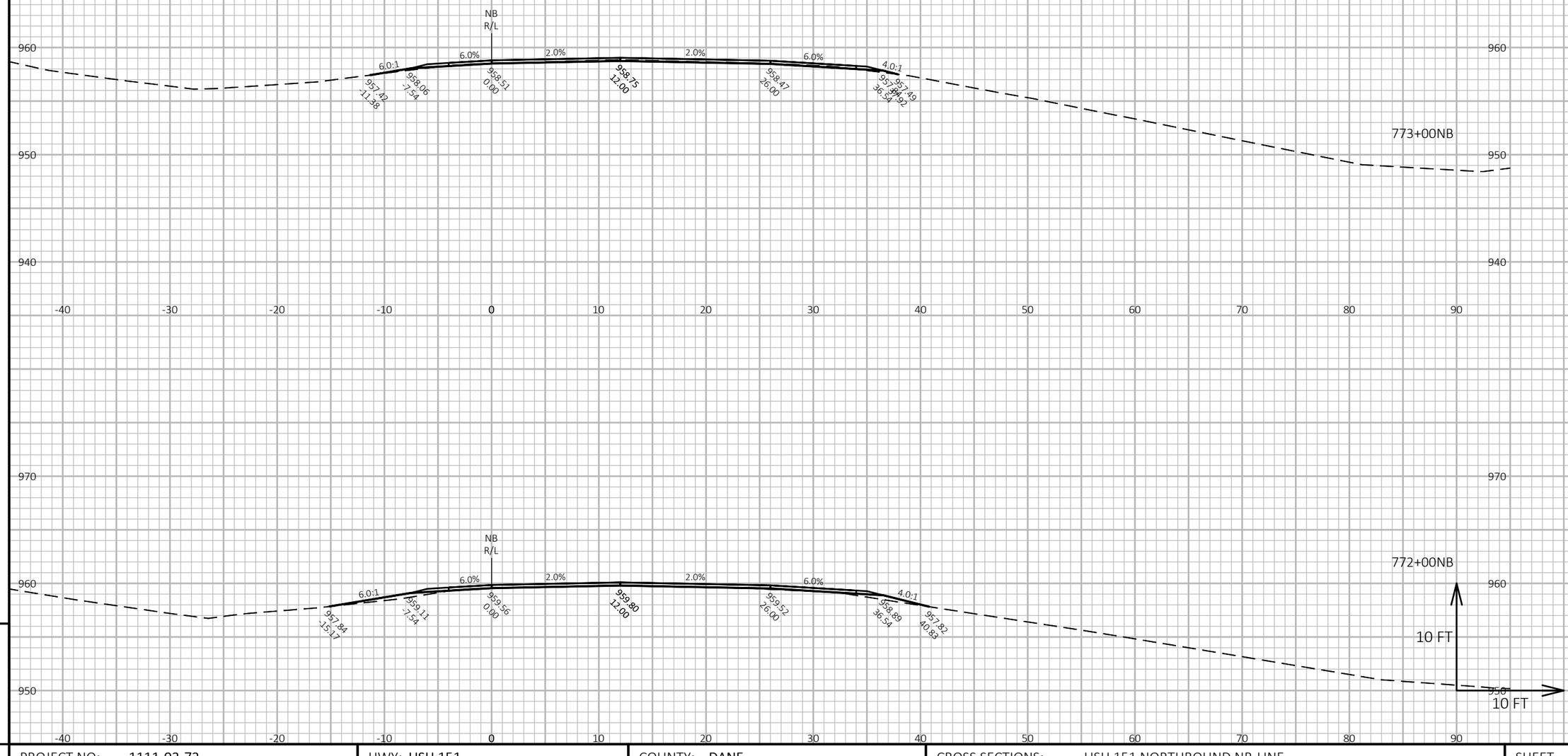
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 326	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090216_xs-NB

PLOT DATE : 4/24/2018 10:03 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

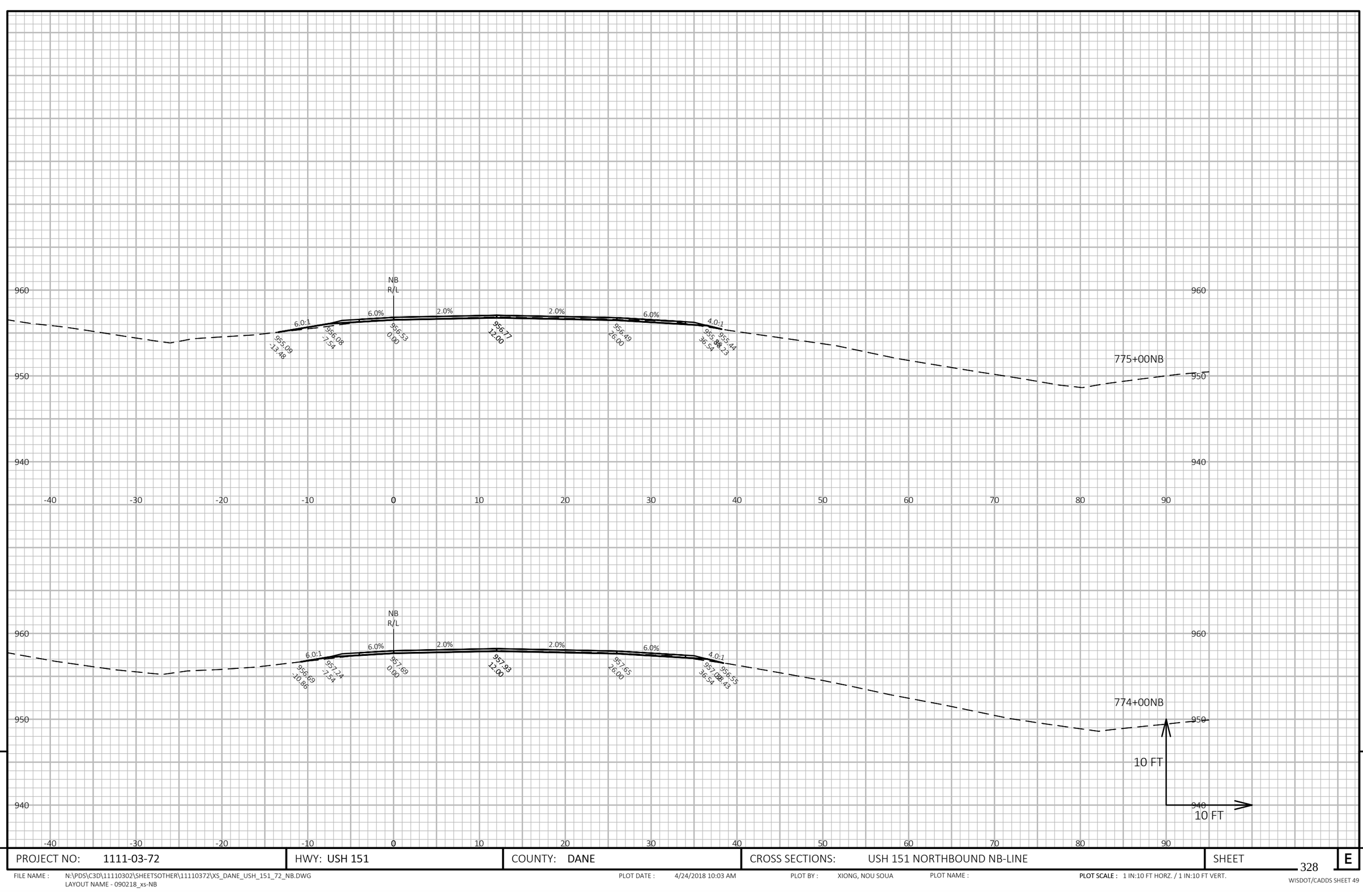


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 327 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090217_xs-NB

PLOT DATE : 4/24/2018 10:03 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

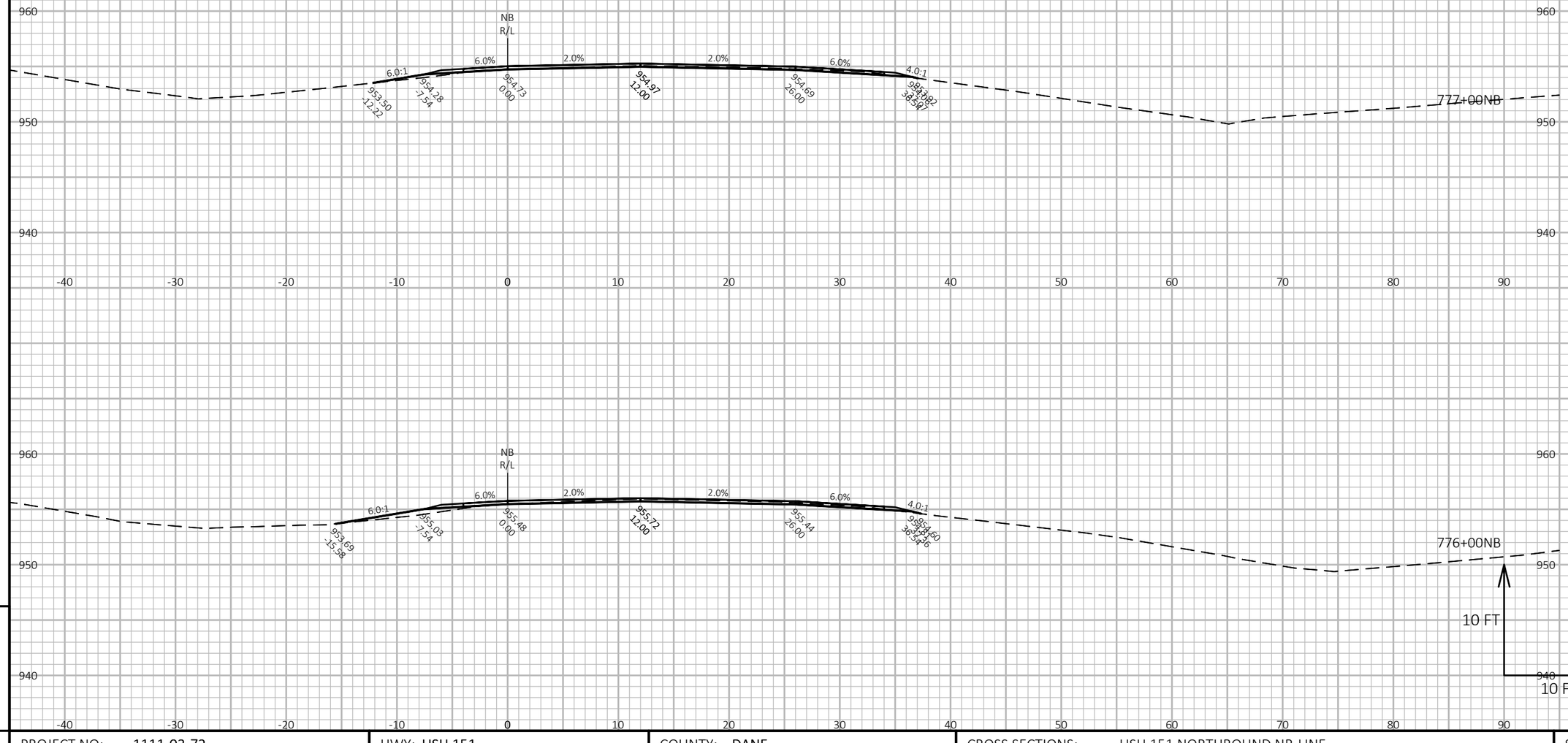


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 328 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090218_xs-NB

PLOT DATE : 4/24/2018 10:03 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

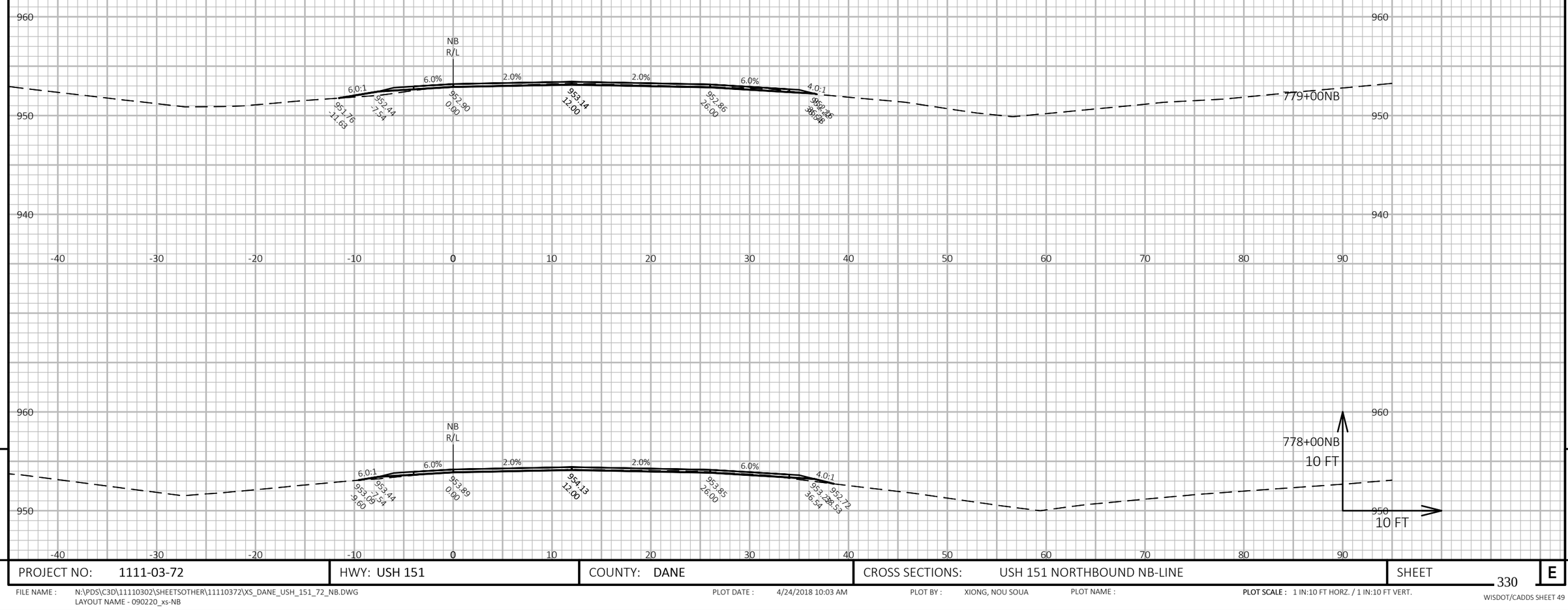
WISDOT/CADDS SHEET 49



PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 329 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090219_xs-NB

PLOT DATE : 4/24/2018 10:03 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



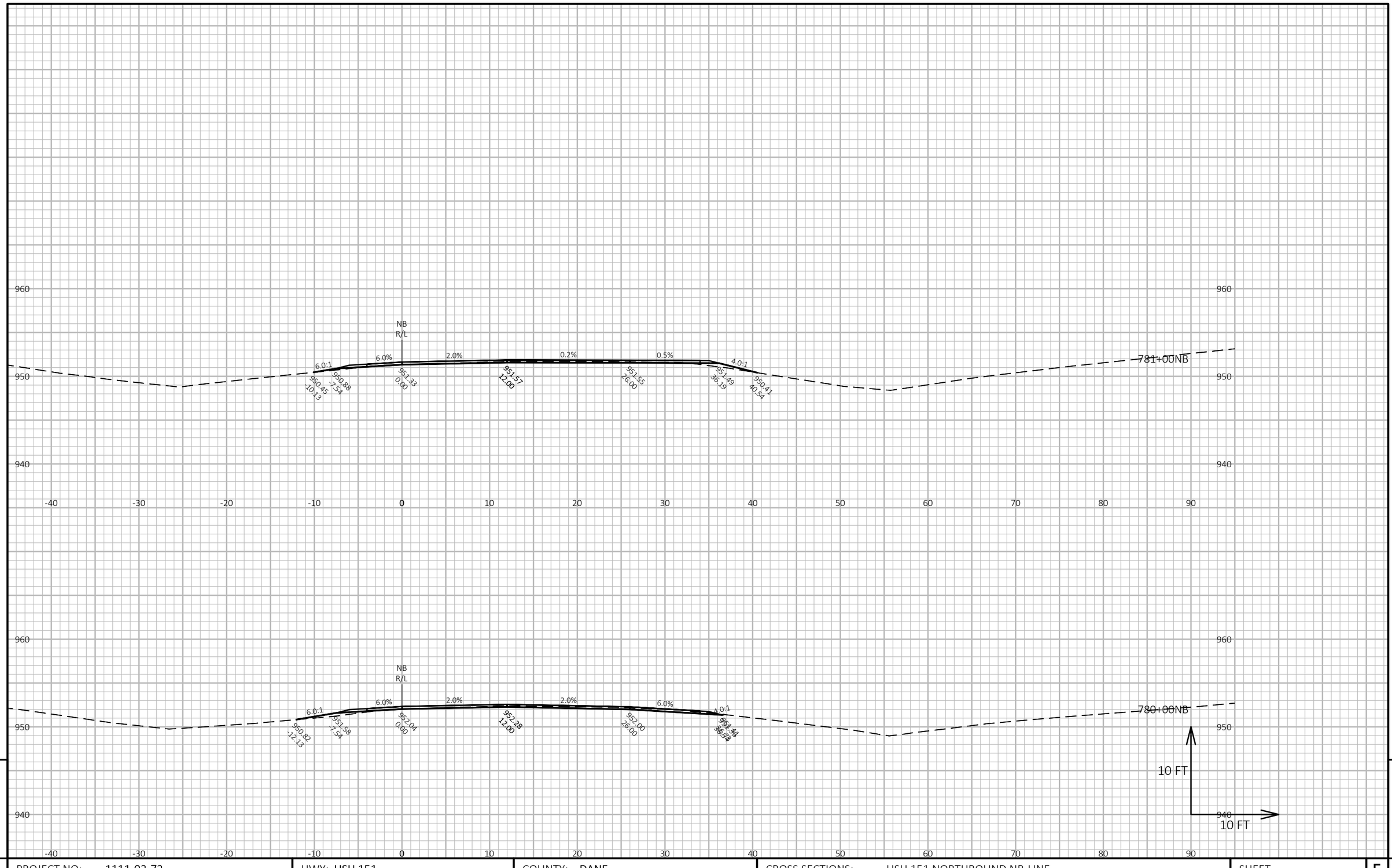
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 330	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090220_xs-NB

PLOT DATE : 4/24/2018 10:03 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 331	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090221_xs-NB

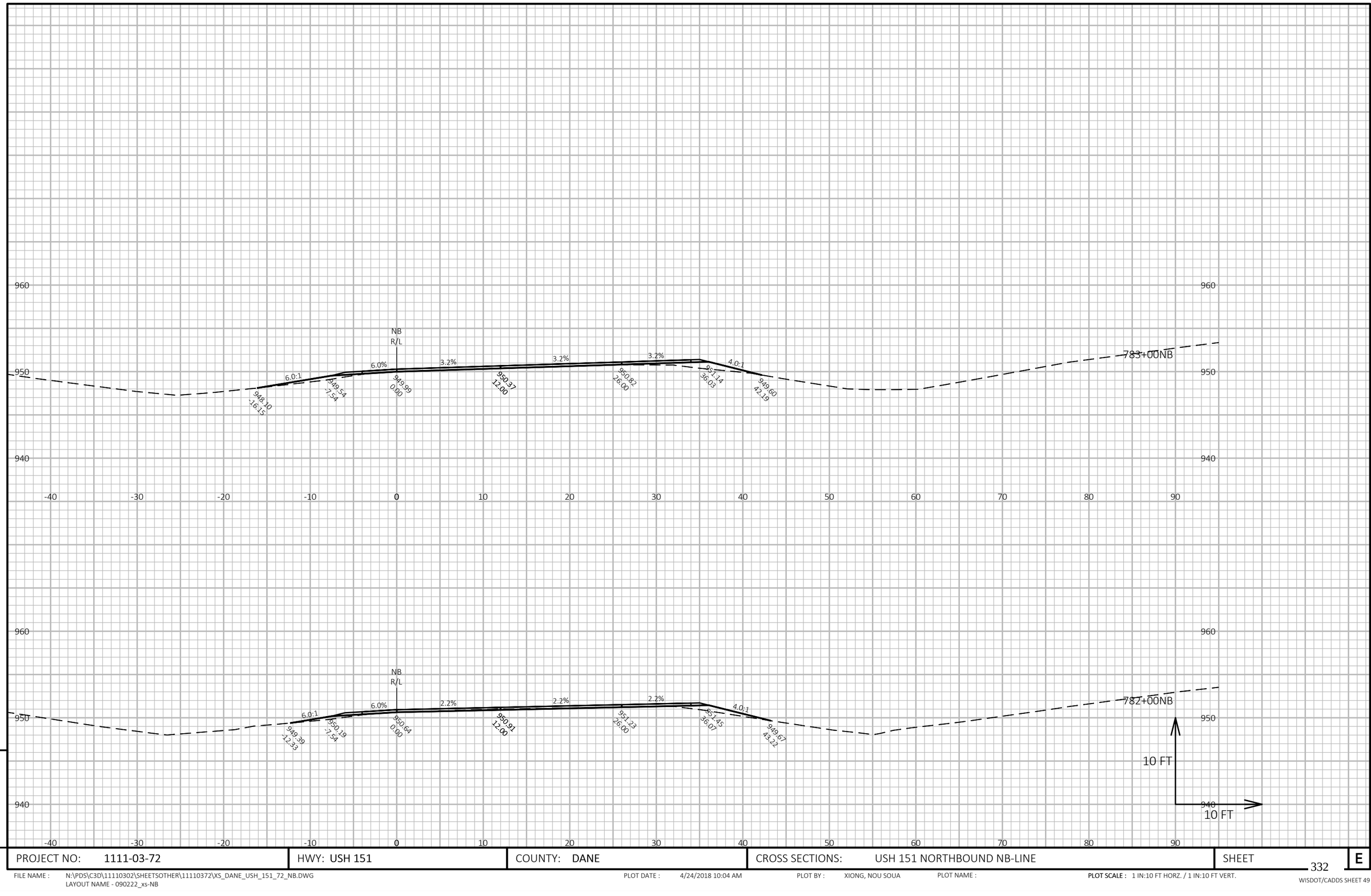
PLOT DATE : 4/24/2018 10:03 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



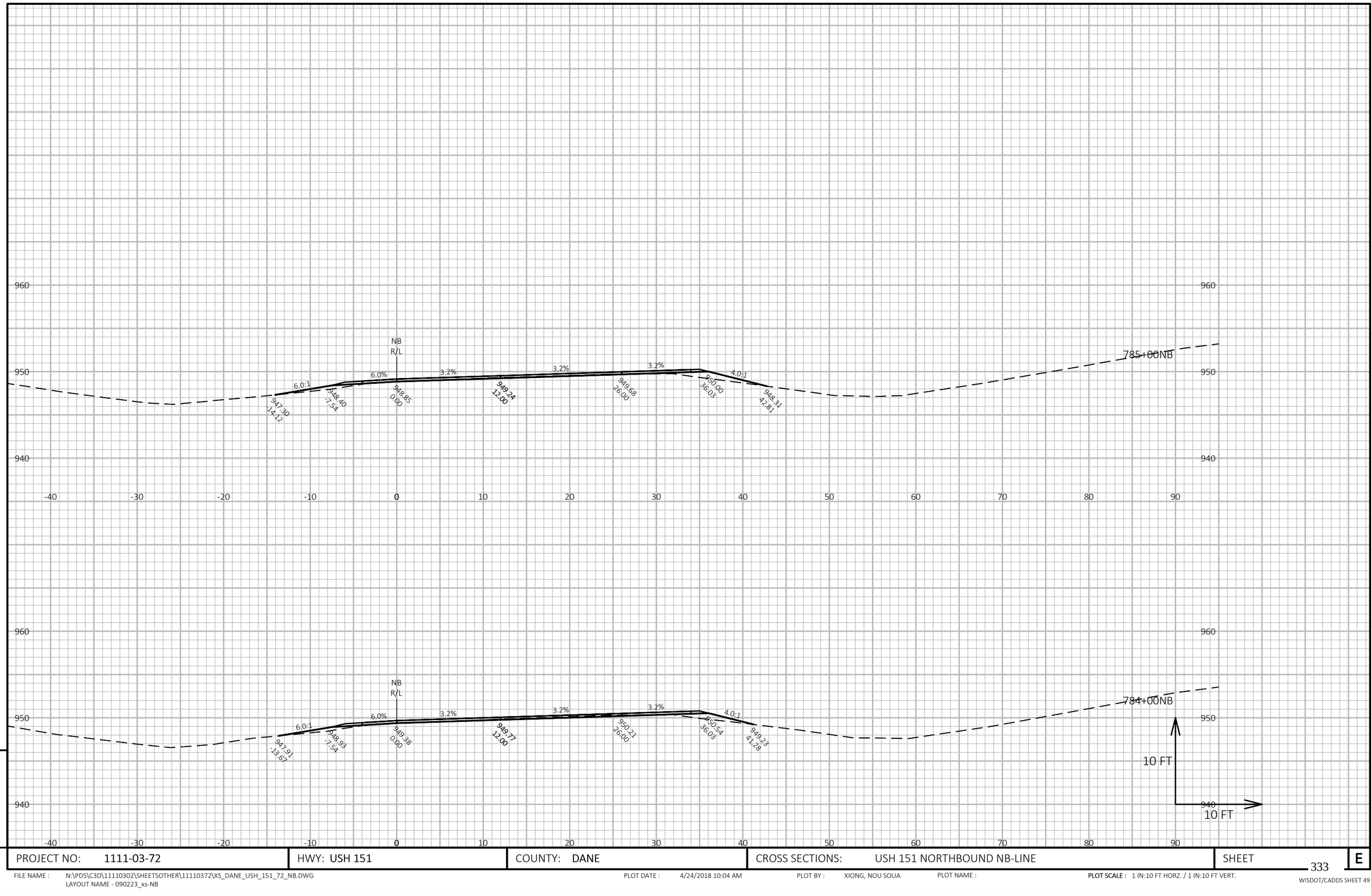
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 332	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090222_xs-NB

PLOT DATE : 4/24/2018 10:04 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

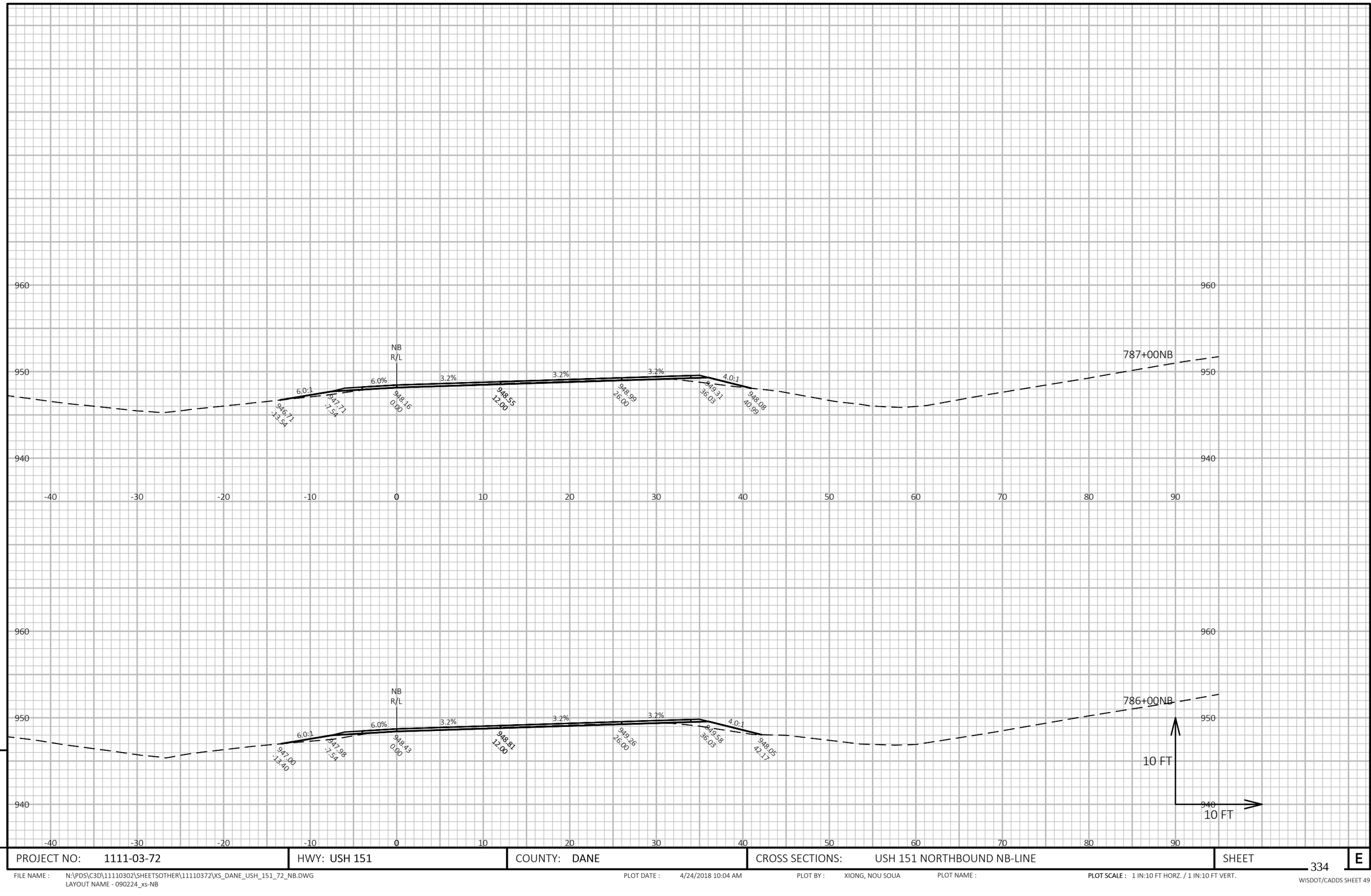


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 333 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090223_xs-NB

PLOT DATE : 4/24/2018 10:04 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



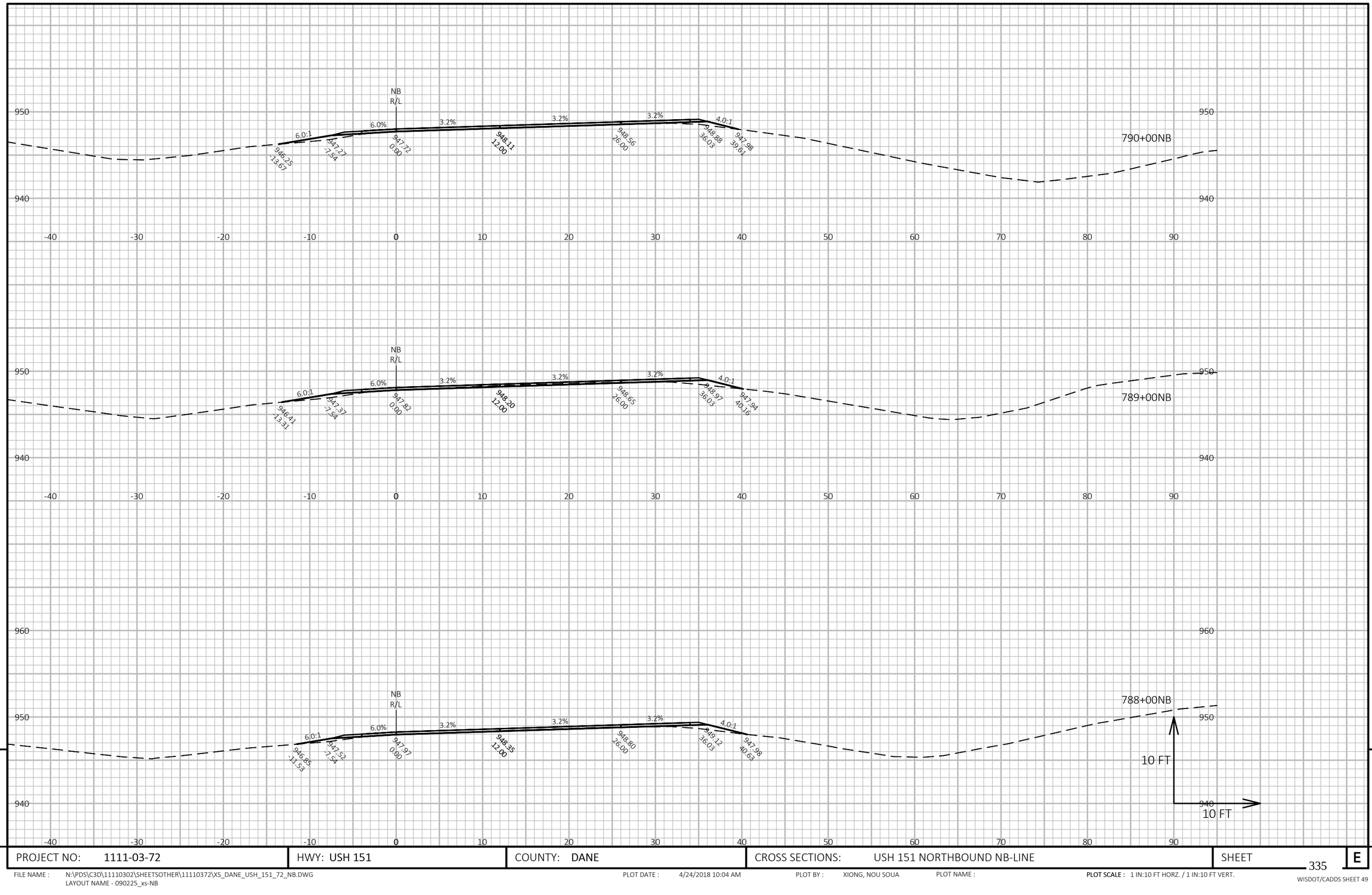
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9

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 334	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090224_xs-NB

PLOT DATE : 4/24/2018 10:04 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

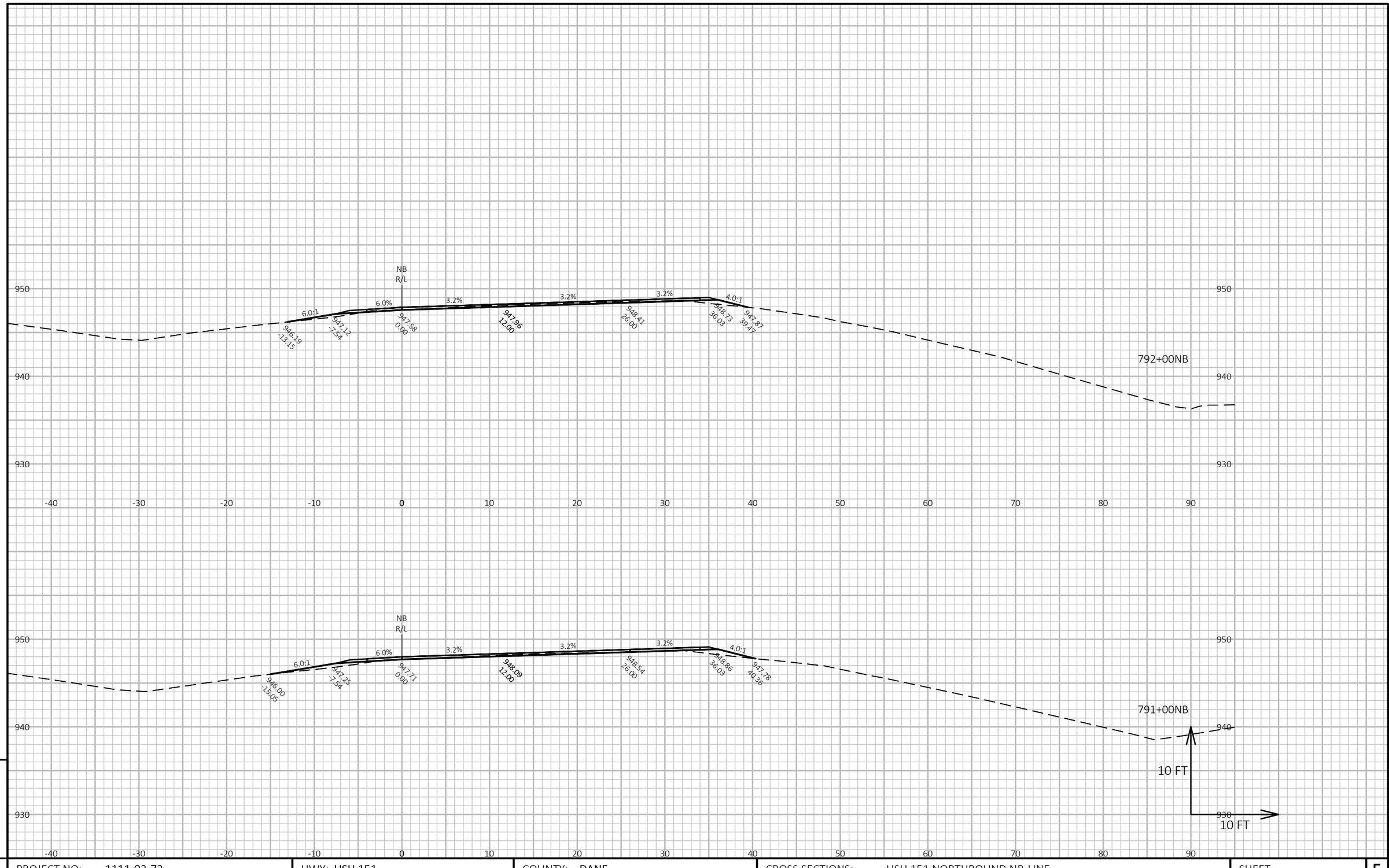


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 335 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090225_xs-NB

PLOT DATE : 4/24/2018 10:04 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

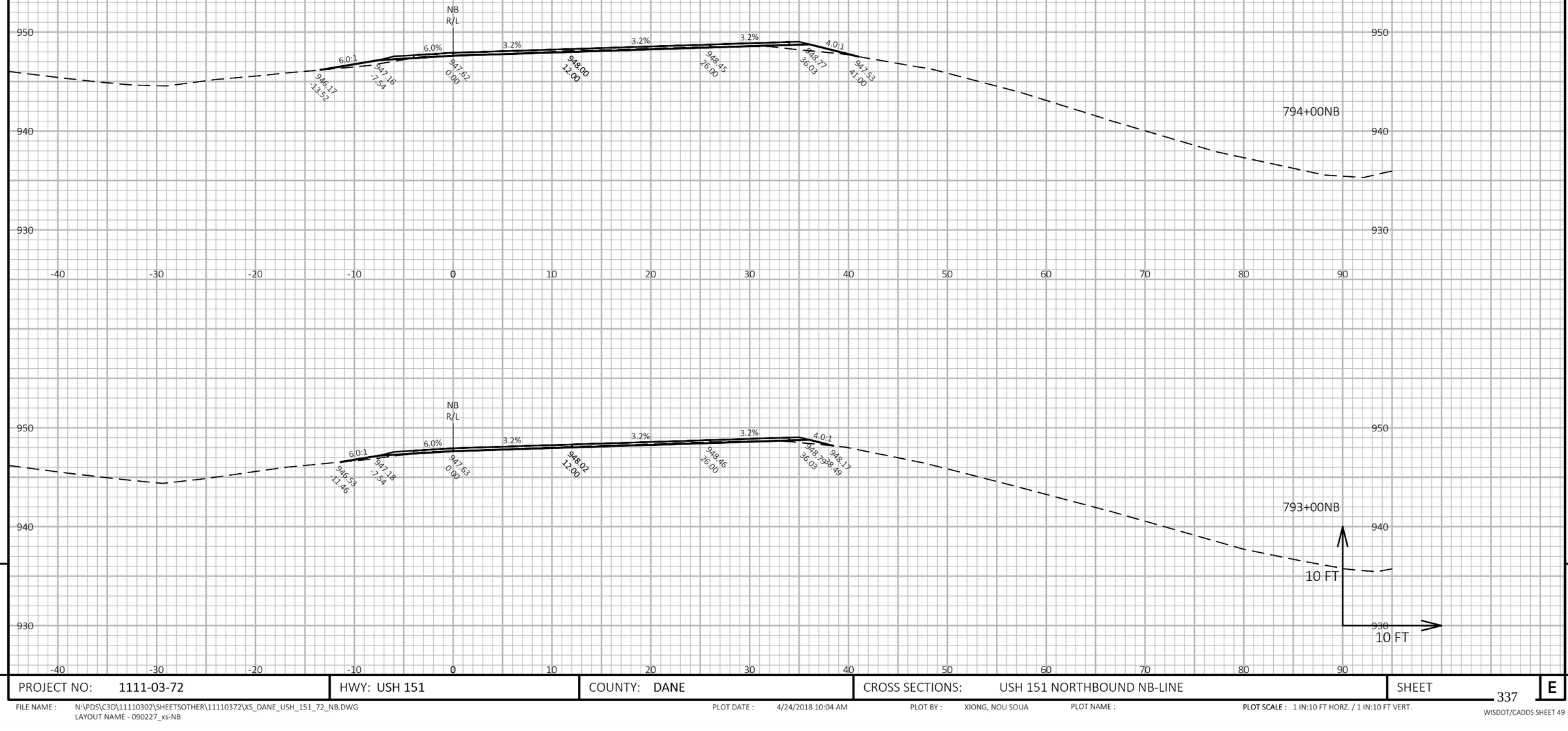


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 336 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090226_xs-NB

PLOT DATE : 4/24/2018 10:04 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

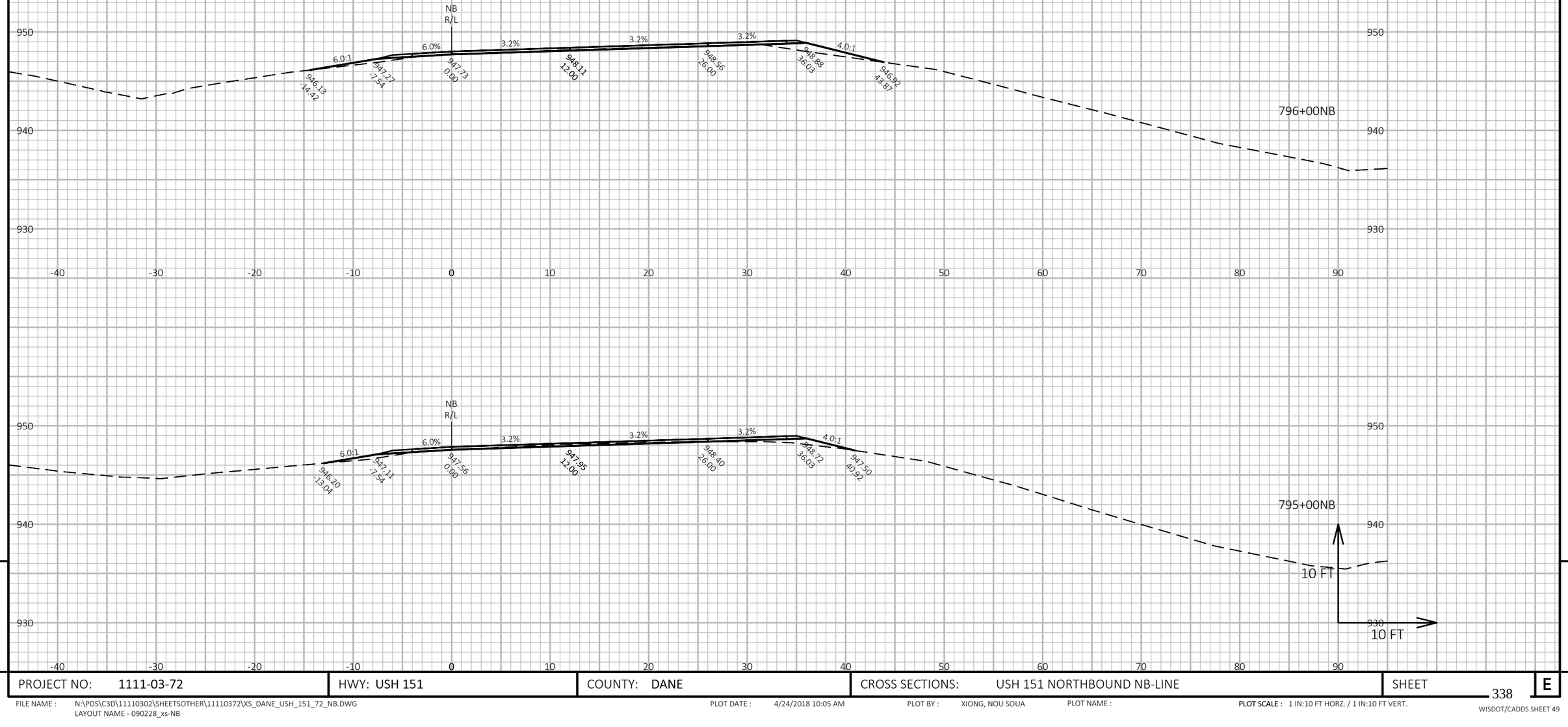


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 337 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090227_xs-NB

PLOT DATE : 4/24/2018 10:04 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



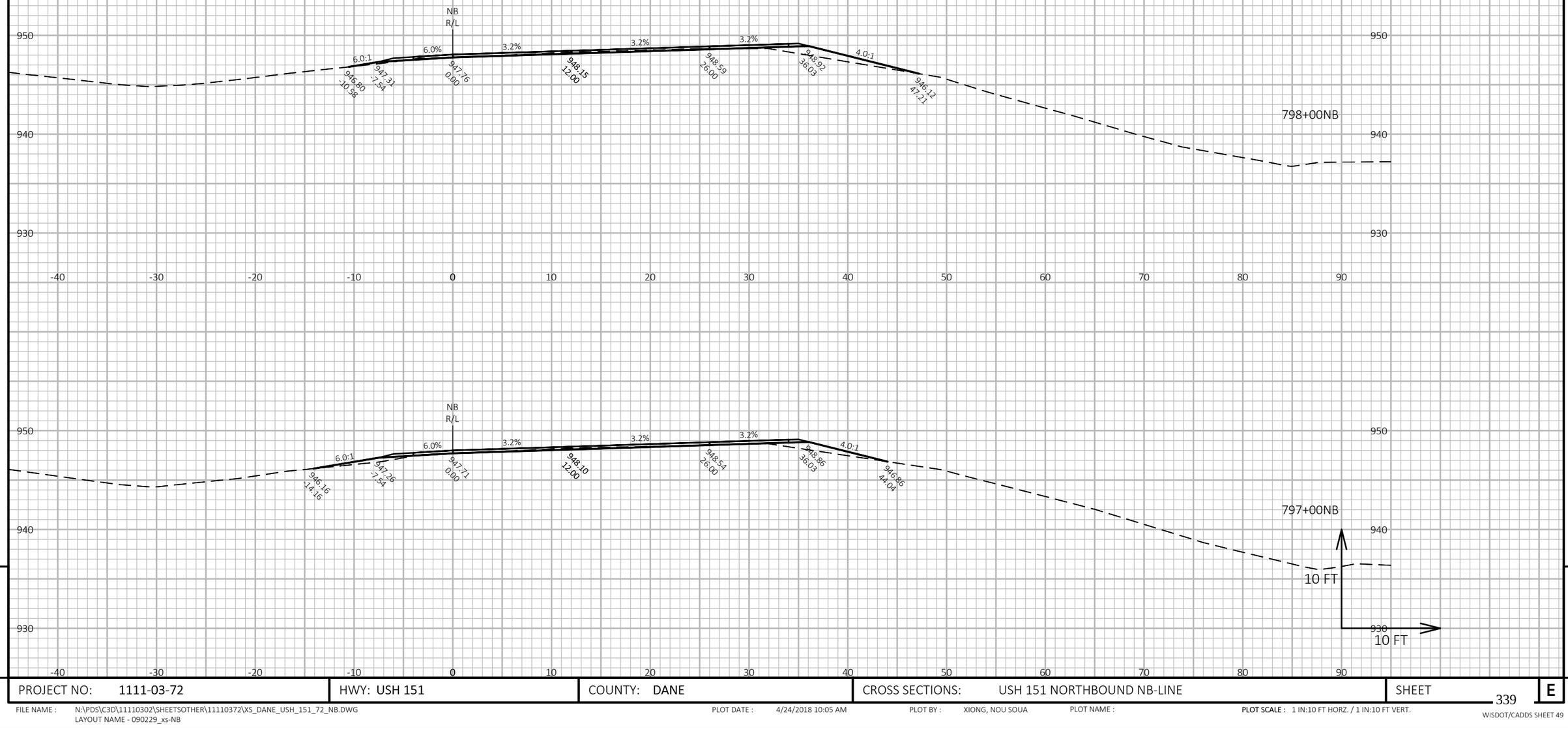
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 338	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090228_xs-NB

PLOT DATE : 4/24/2018 10:05 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

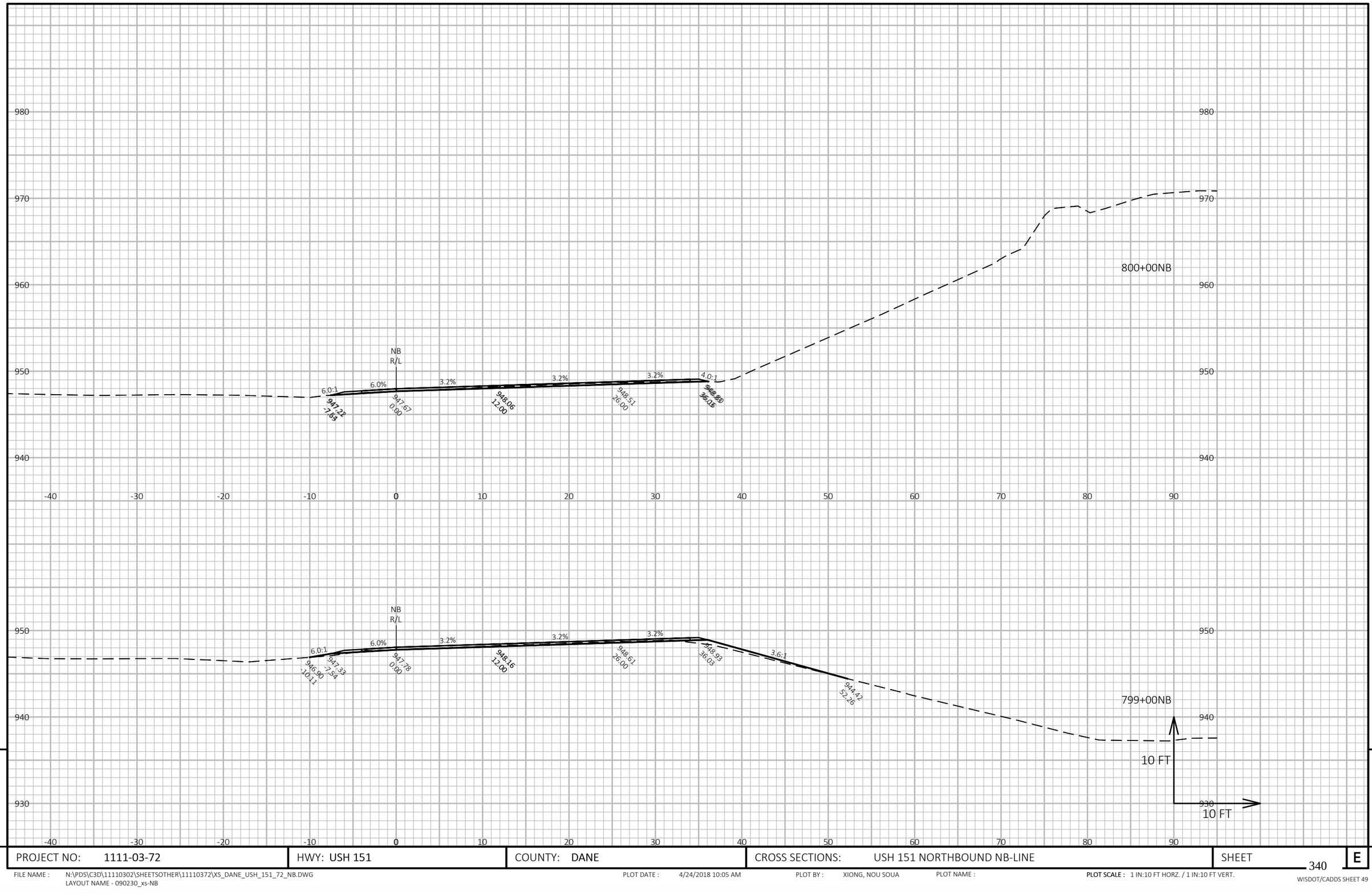


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 339 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090229_xs-NB

PLOT DATE : 4/24/2018 10:05 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

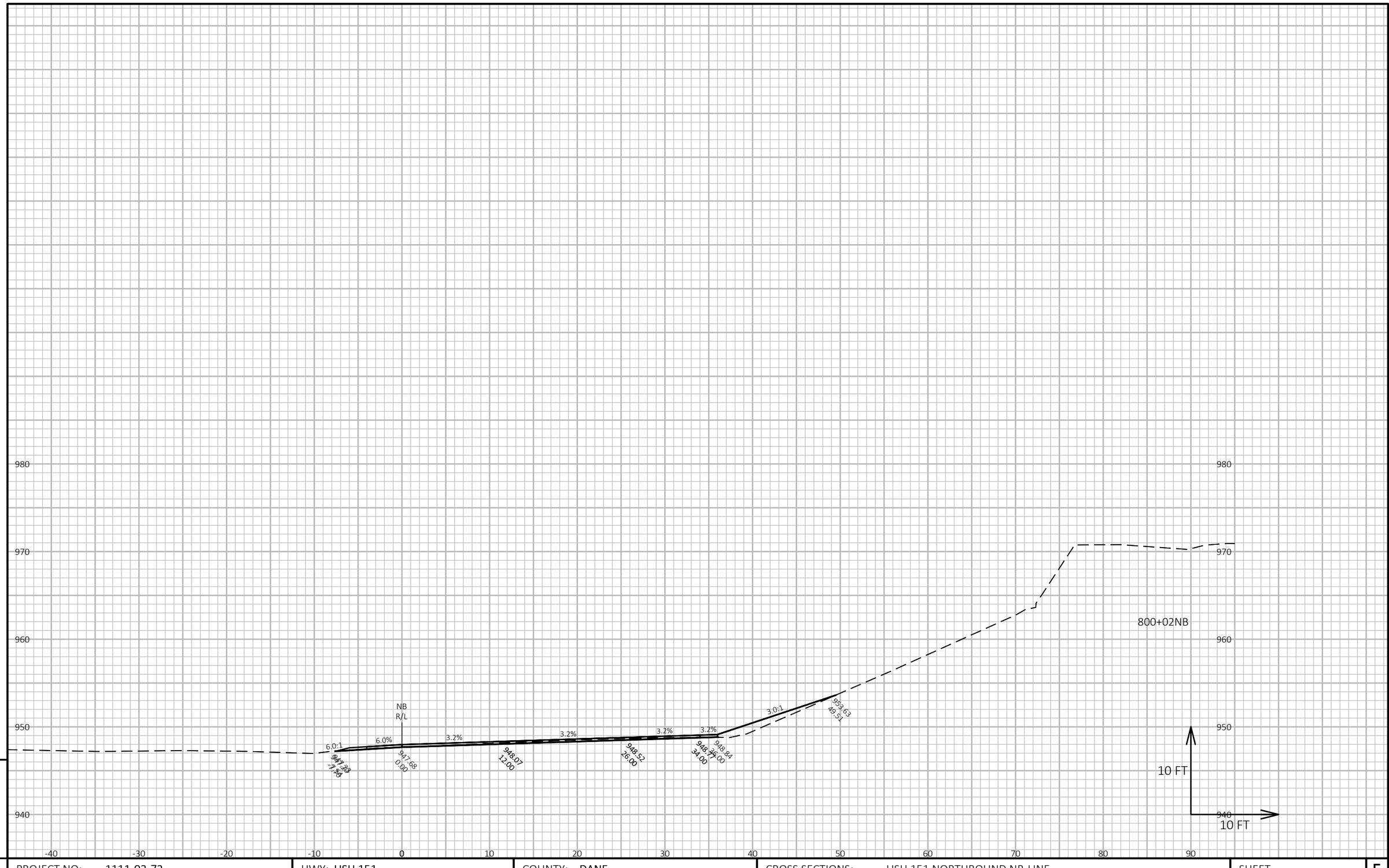


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 340 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090230_xs-NB

PLOT DATE : 4/24/2018 10:05 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 341	E

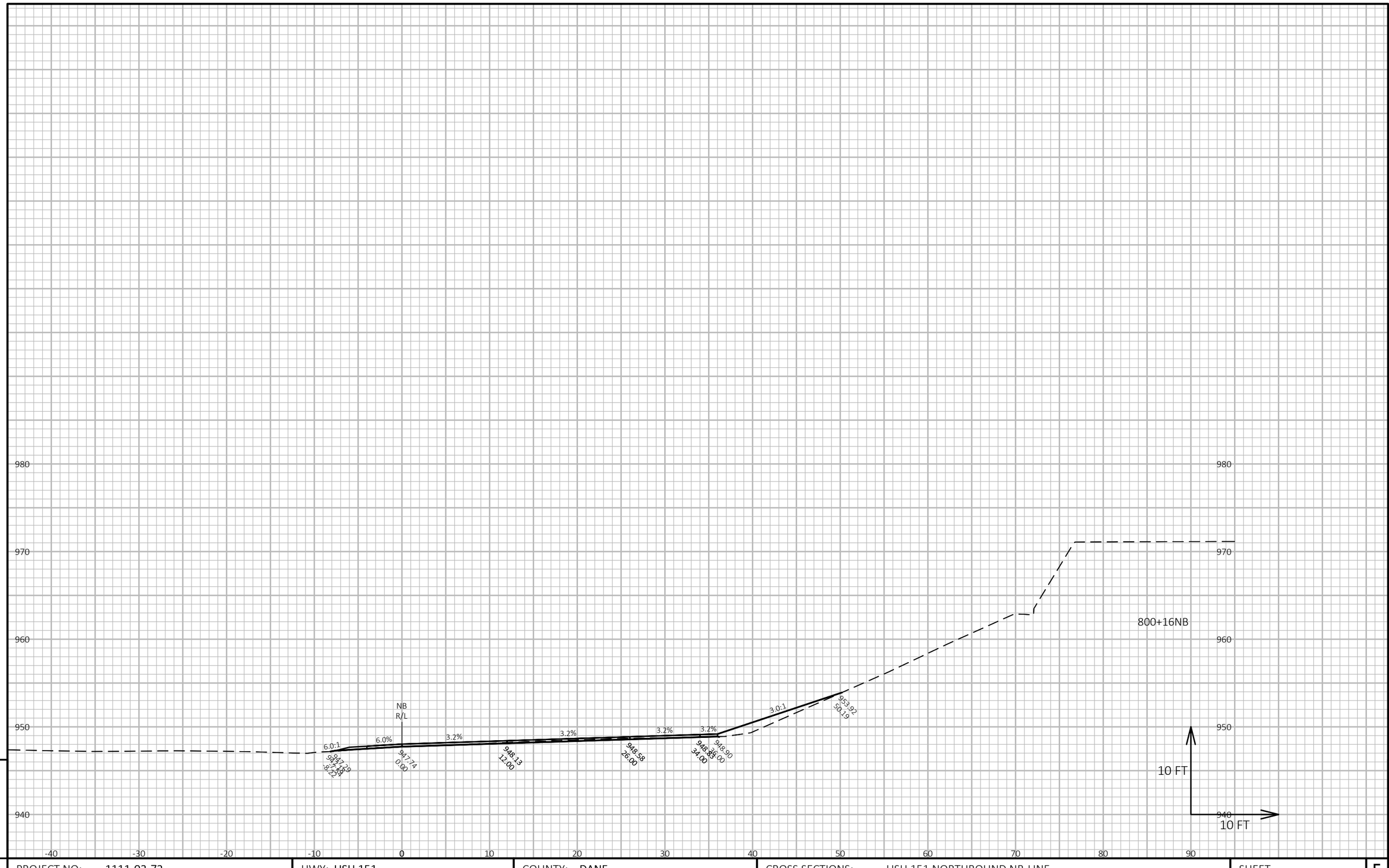
FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090231_xs-NB

PLOT DATE : 4/24/2018 10:05 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 342	E

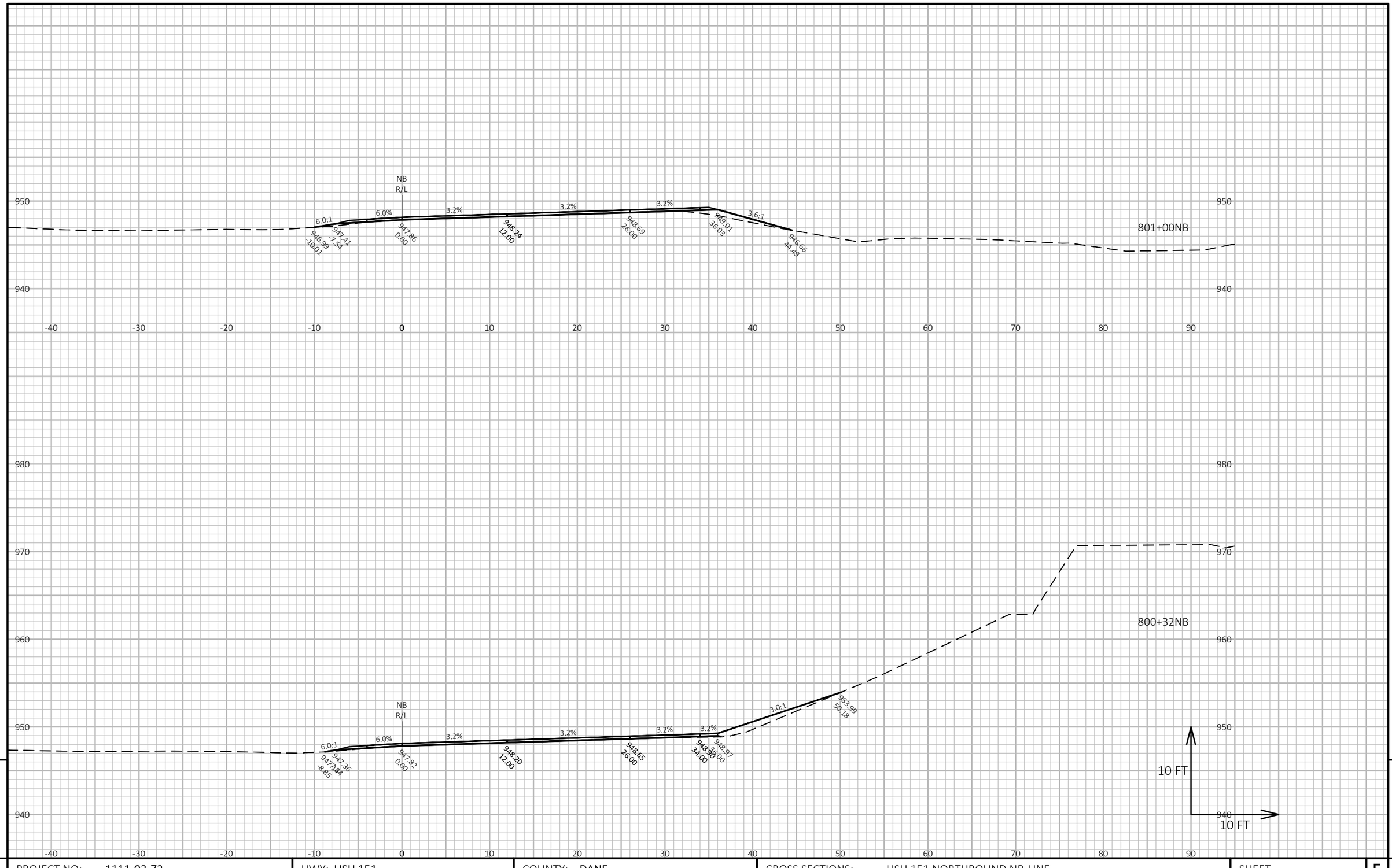
FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090232_xs-NB

PLOT DATE : 4/24/2018 10:05 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 343	E

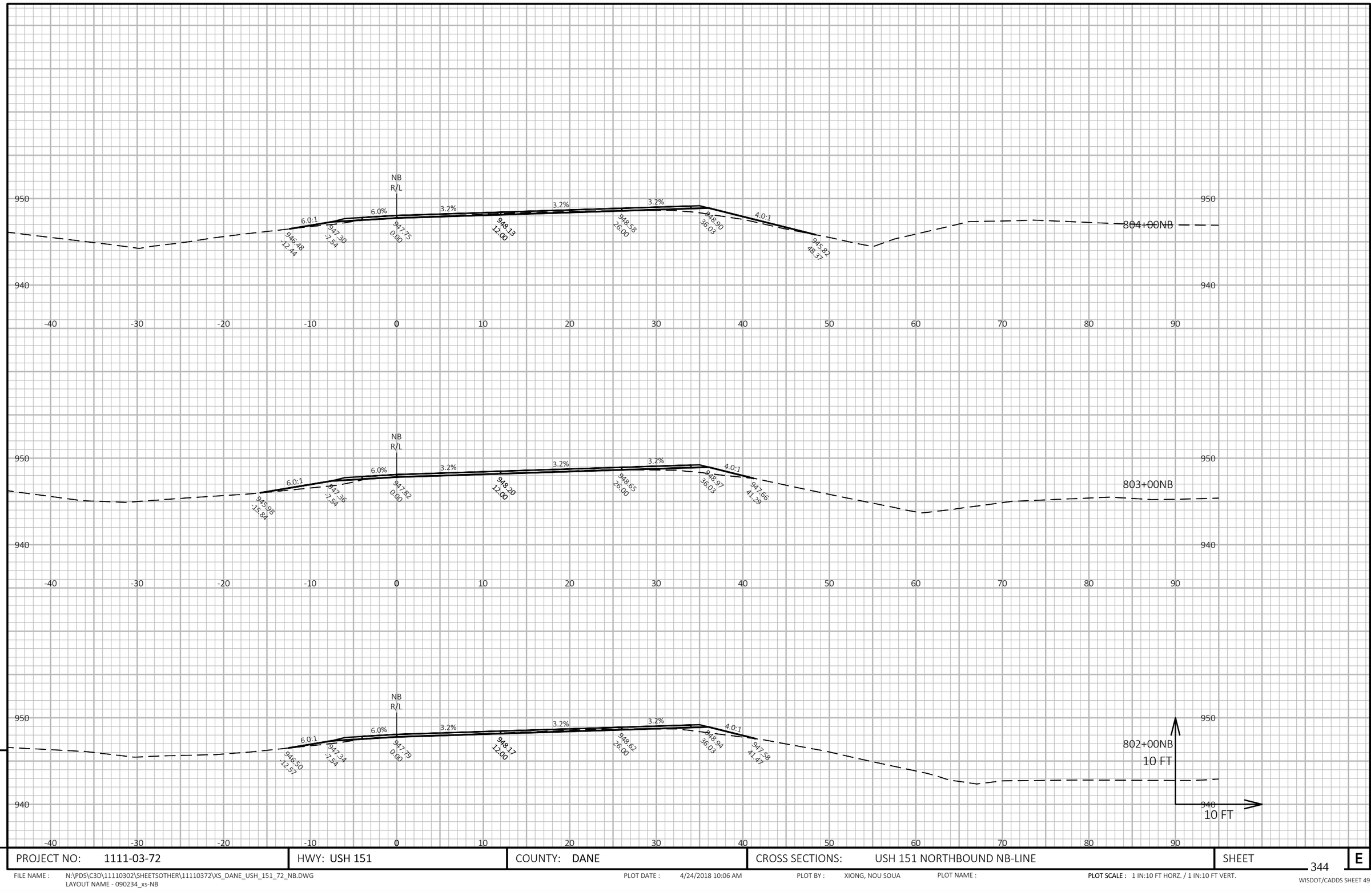
FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090233_xs-NB

PLOT DATE : 4/24/2018 10:05 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

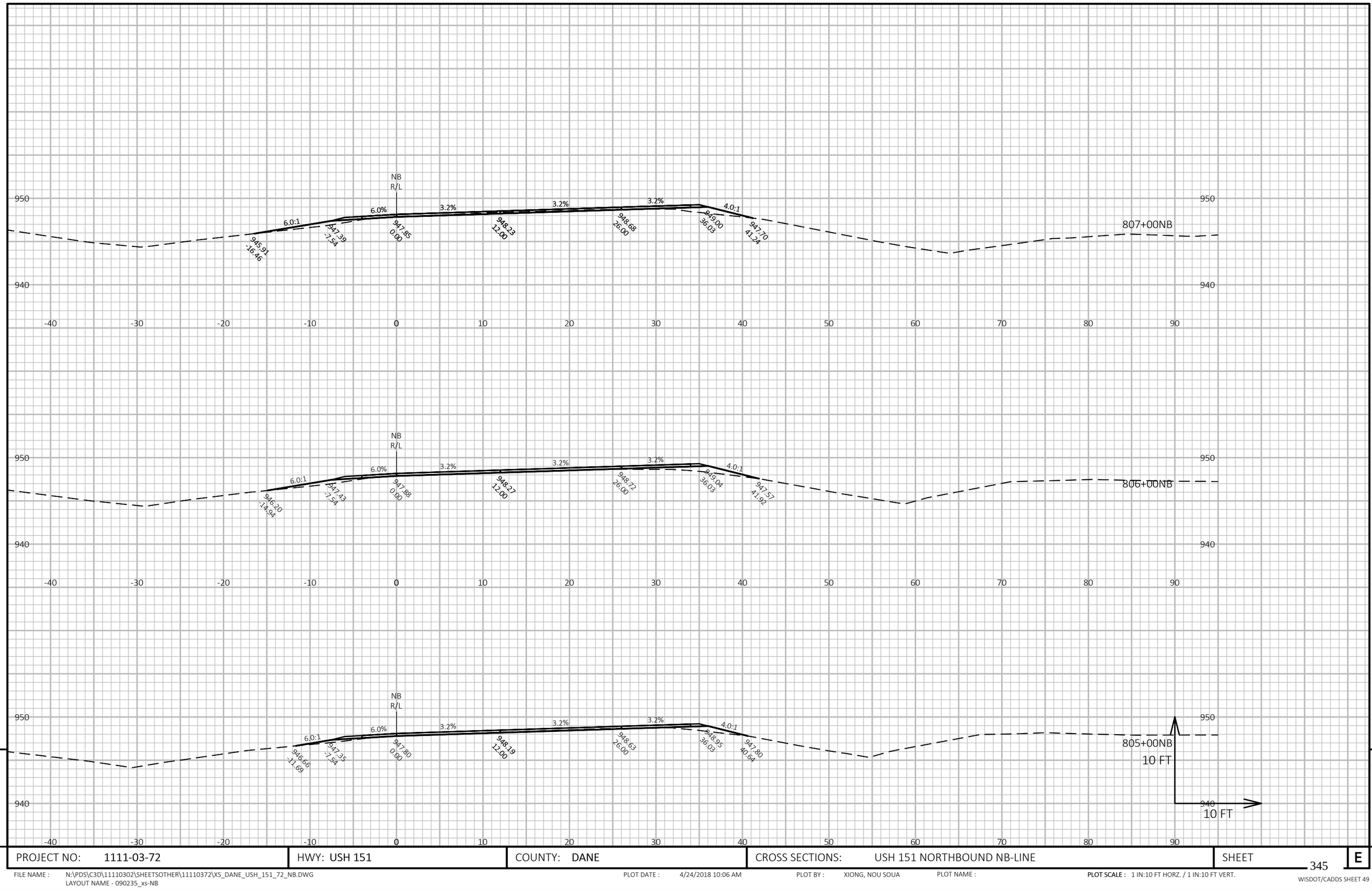


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 344 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090234_xs-NB

PLOT DATE : 4/24/2018 10:06 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

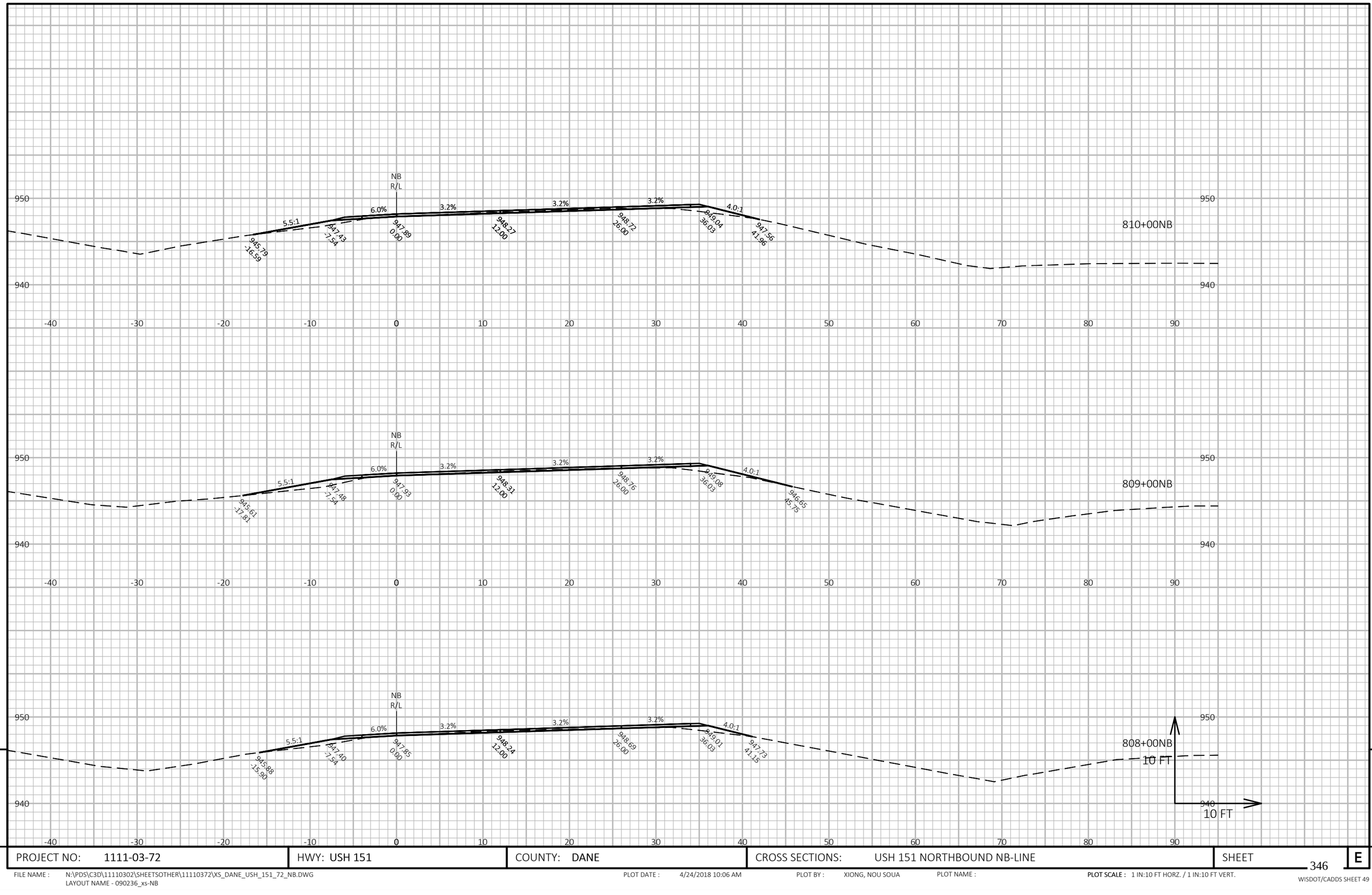


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 345 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090235_xs-NB

PLOT DATE : 4/24/2018 10:06 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

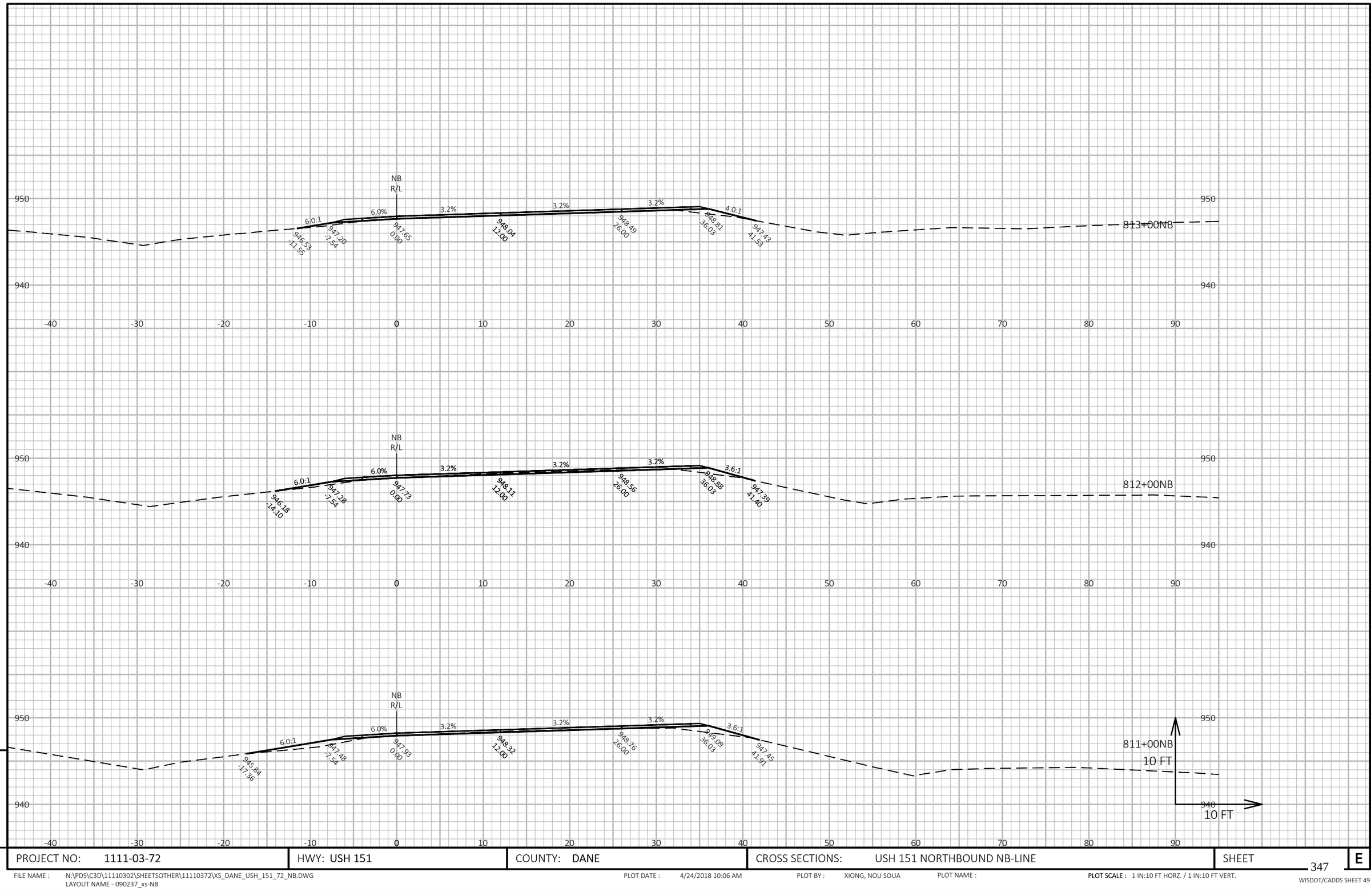


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 346 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090236_xs-NB

PLOT DATE : 4/24/2018 10:06 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

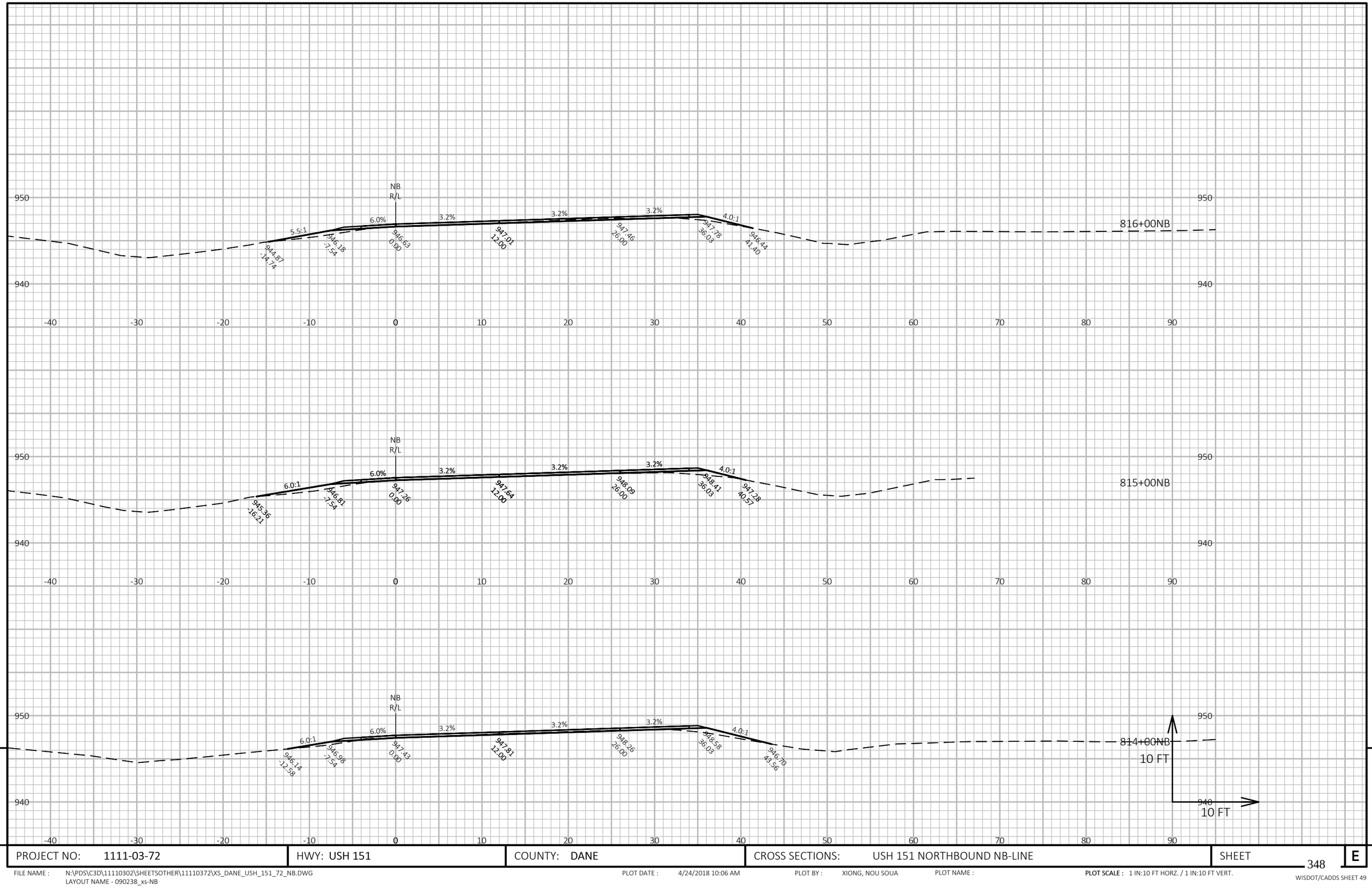


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 347	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090237_xs-NB

PLOT DATE : 4/24/2018 10:06 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

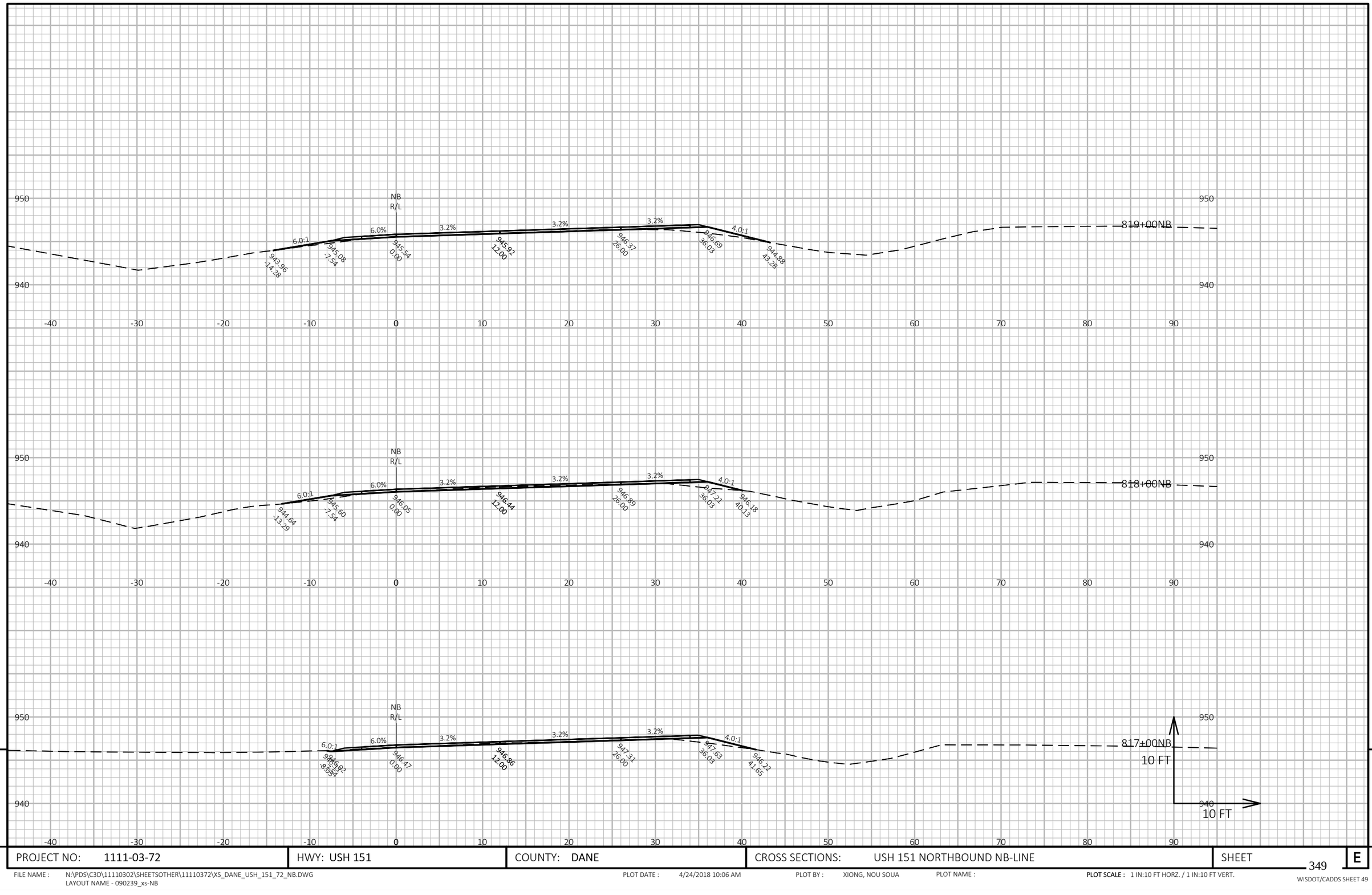


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 348 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090238_xs-NB

PLOT DATE : 4/24/2018 10:06 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

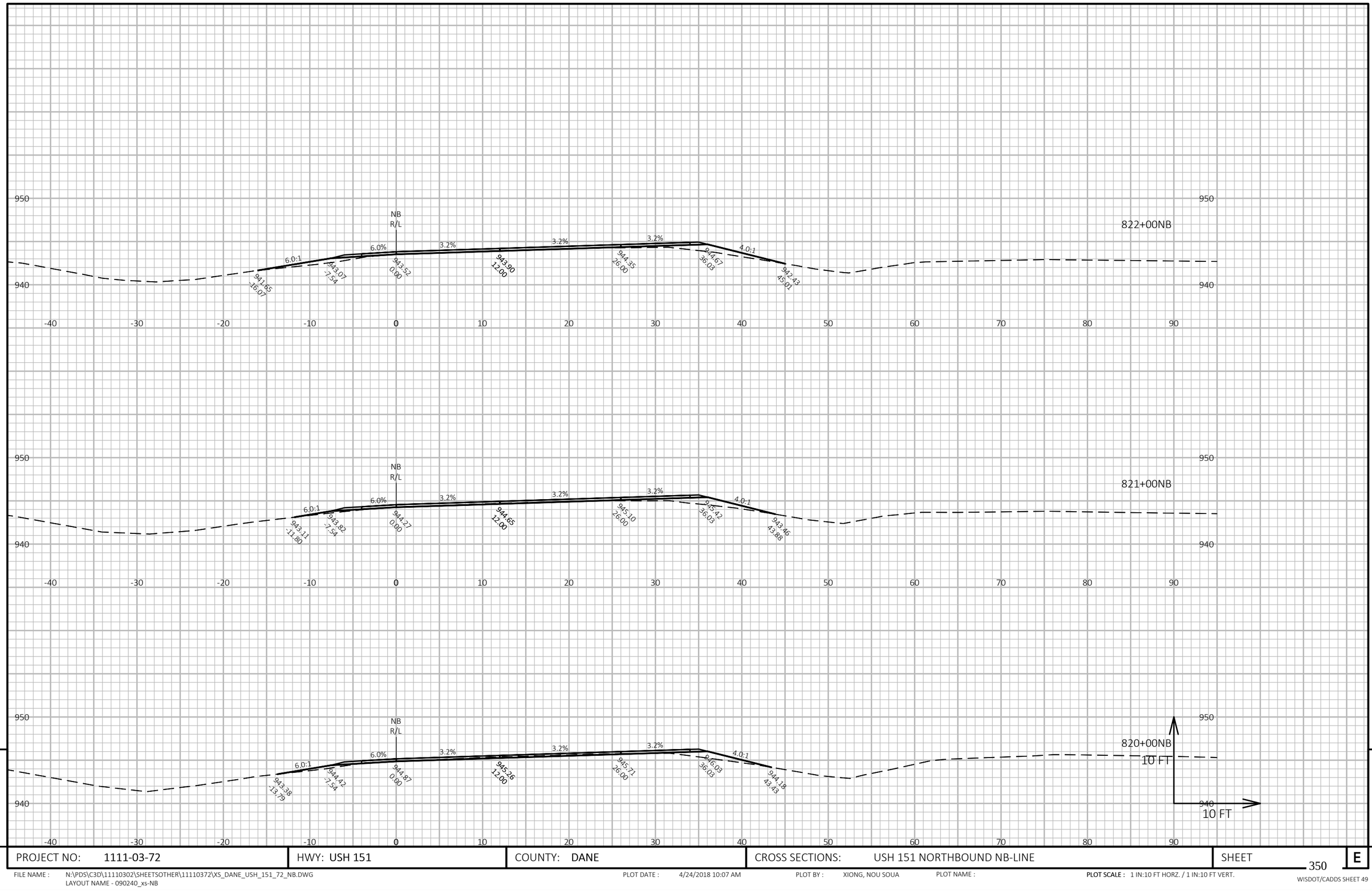
WISDOT/CADDS SHEET 49



PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 349 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090239_xs-NB

PLOT DATE : 4/24/2018 10:06 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

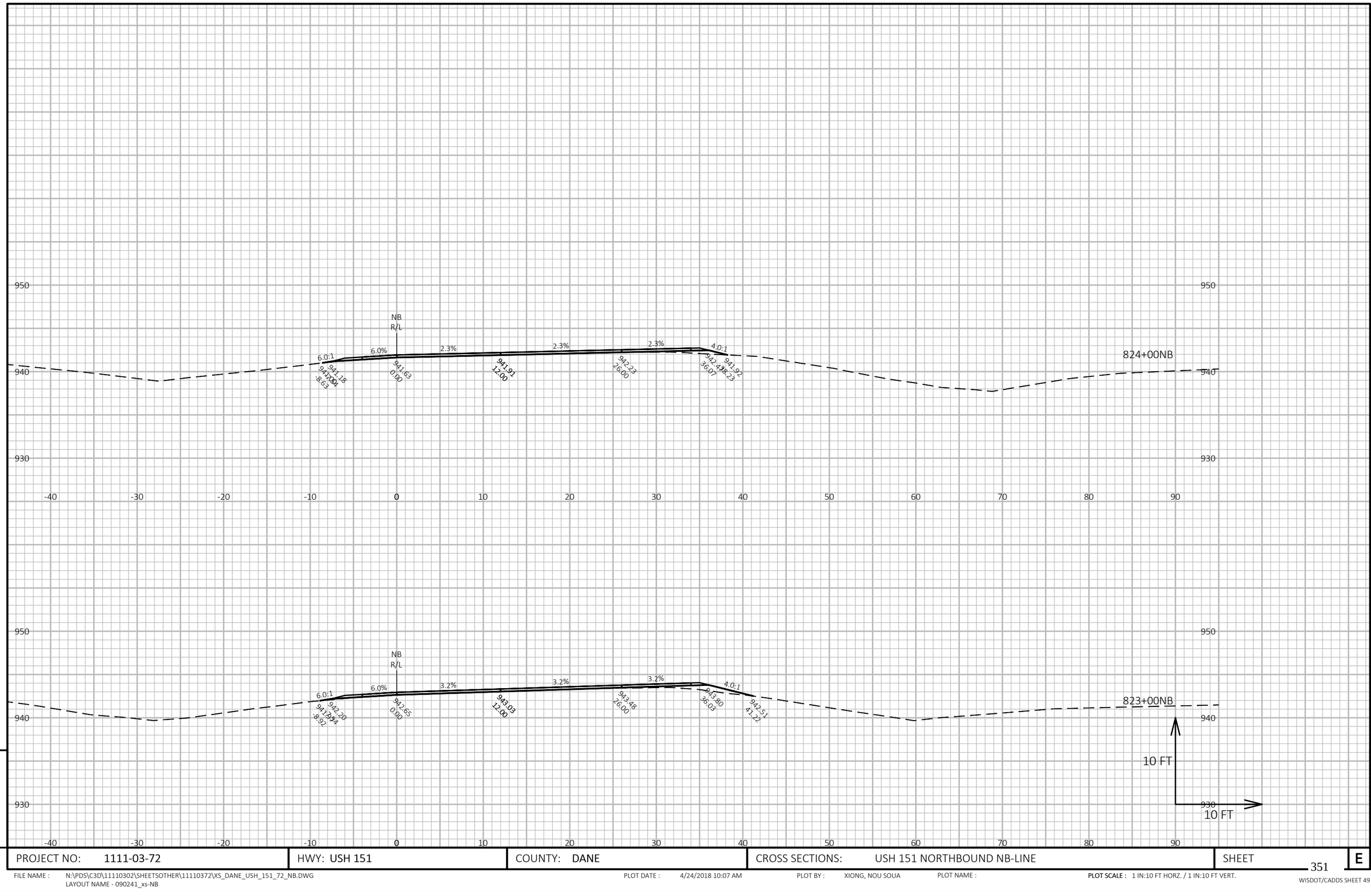


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 350	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090240_xs-NB

PLOT DATE : 4/24/2018 10:07 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



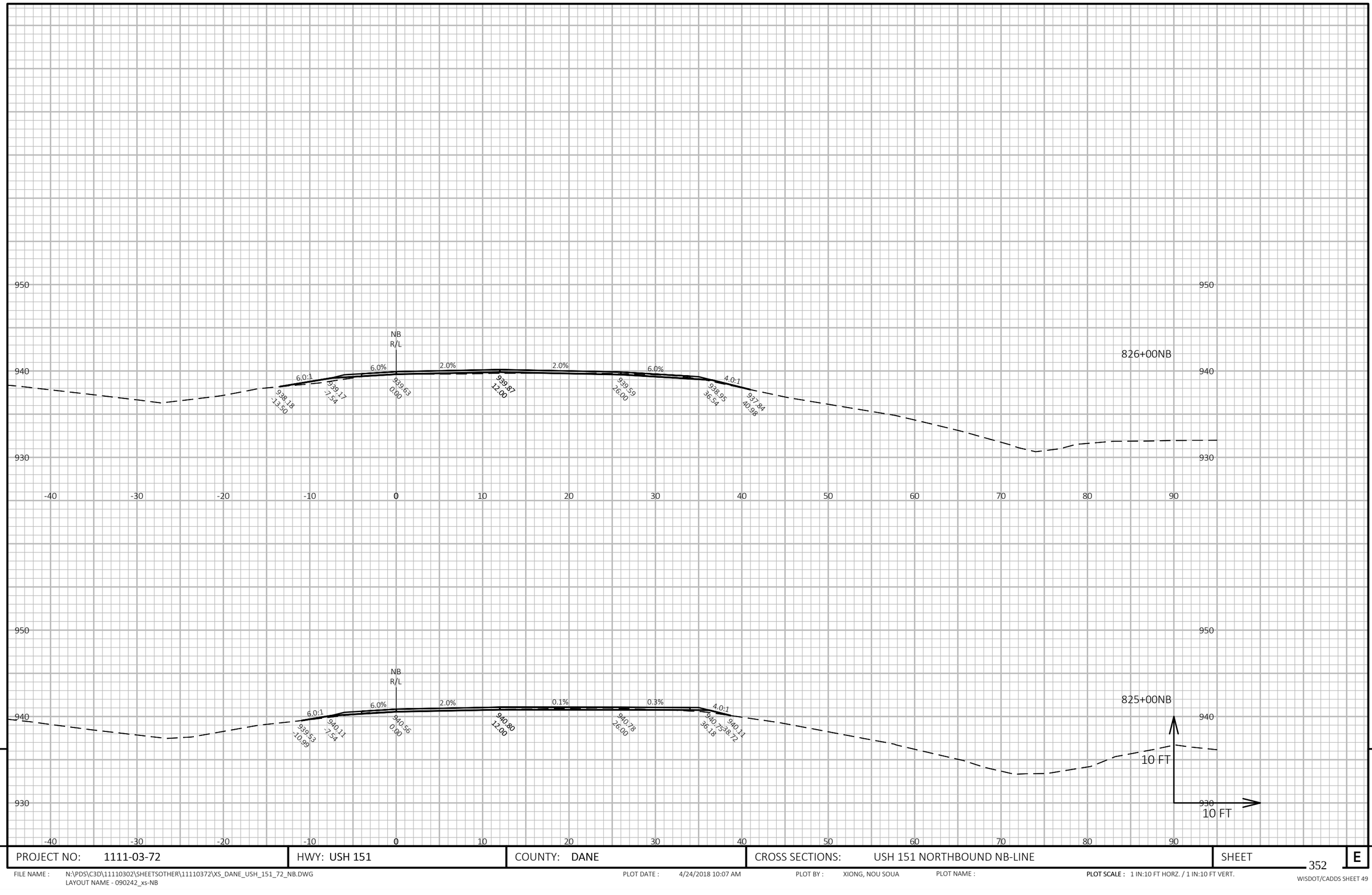
9

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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 351	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090241_xs-NB

PLOT DATE : 4/24/2018 10:07 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



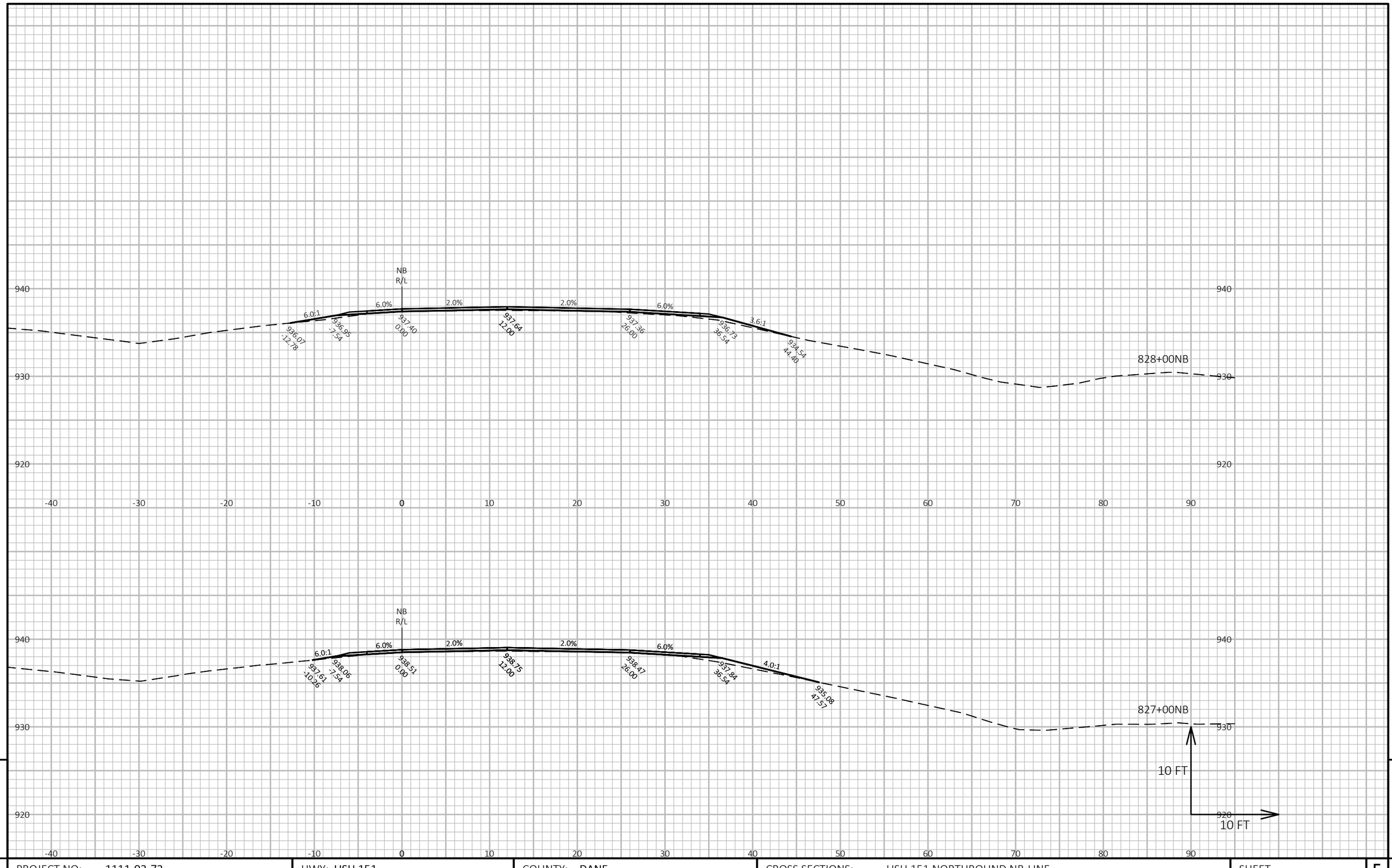
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9

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 352	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090242_xs-NB

PLOT DATE : 4/24/2018 10:07 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

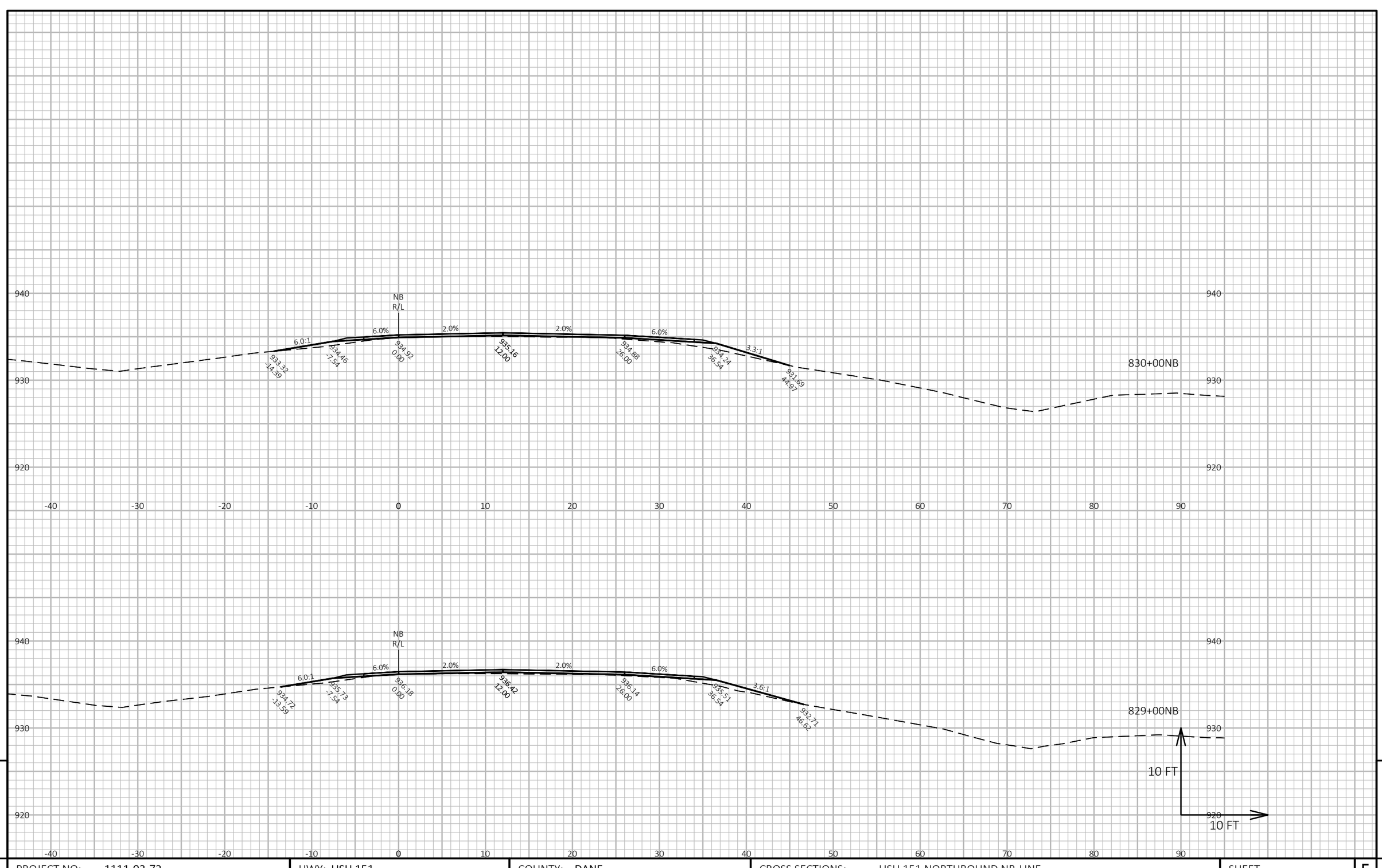


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 353 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090243_xs-NB

PLOT DATE : 4/24/2018 10:07 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

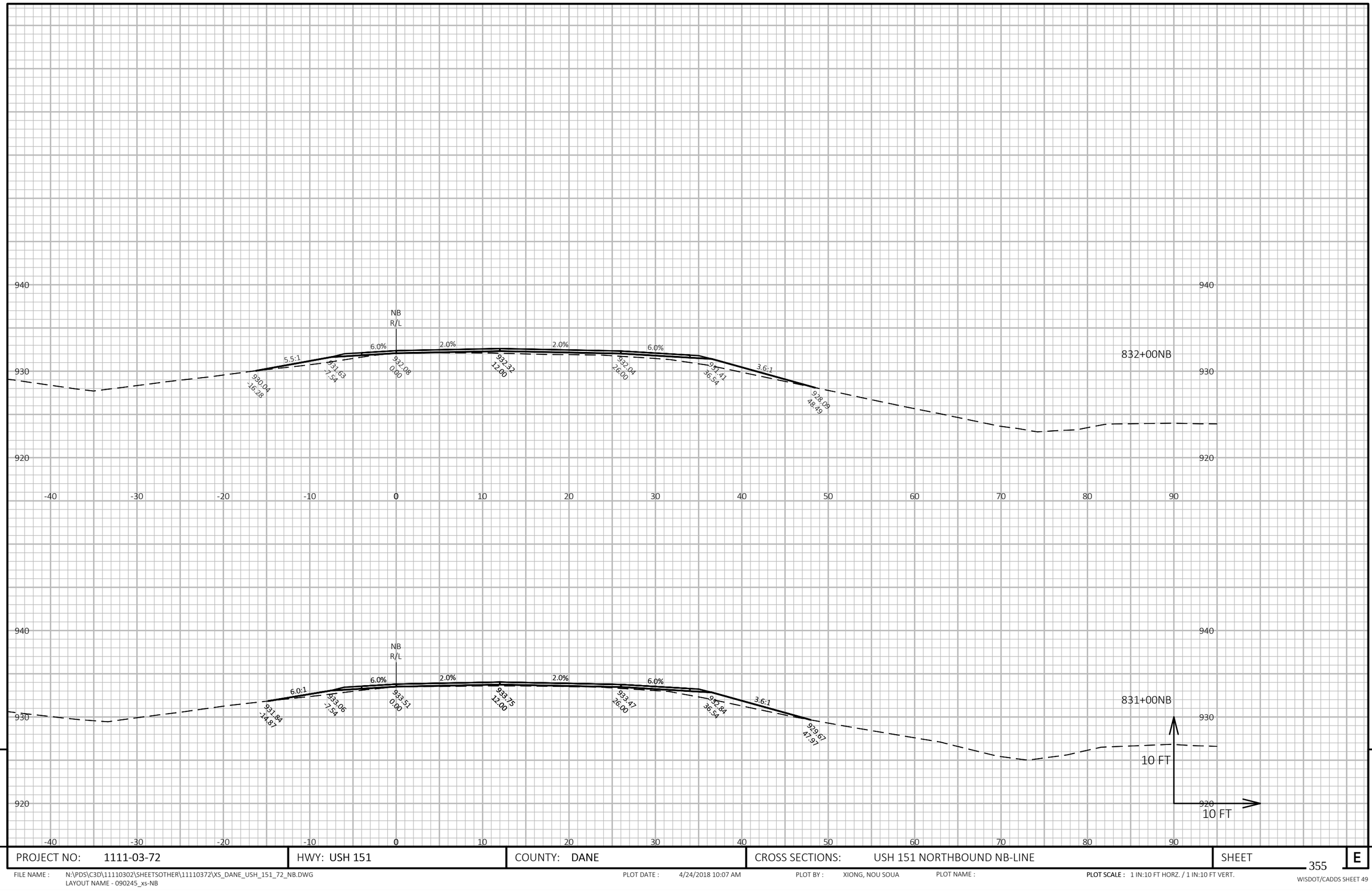


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 354 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090244_xs-NB

PLOT DATE : 4/24/2018 10:07 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

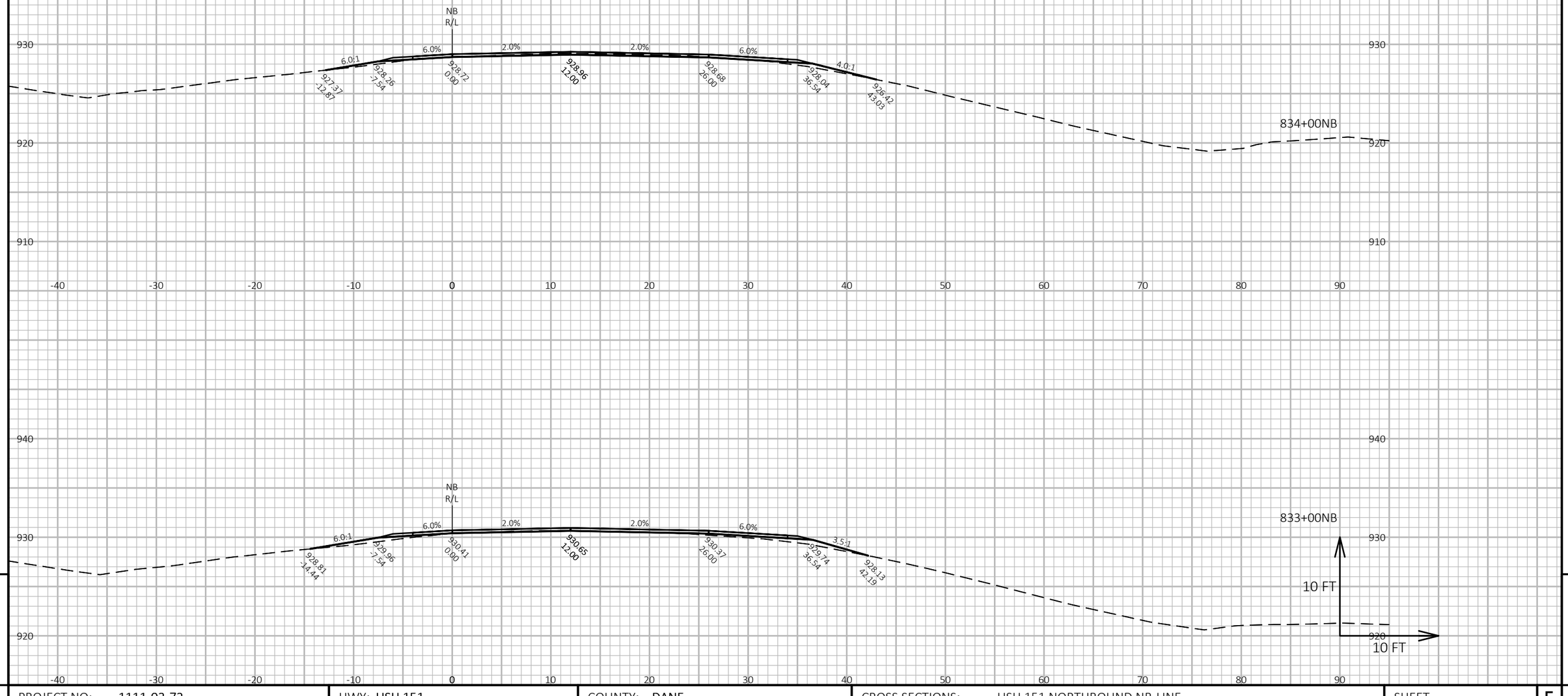


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 355 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090245_xs-NB

PLOT DATE : 4/24/2018 10:07 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 356	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090246_xs-NB

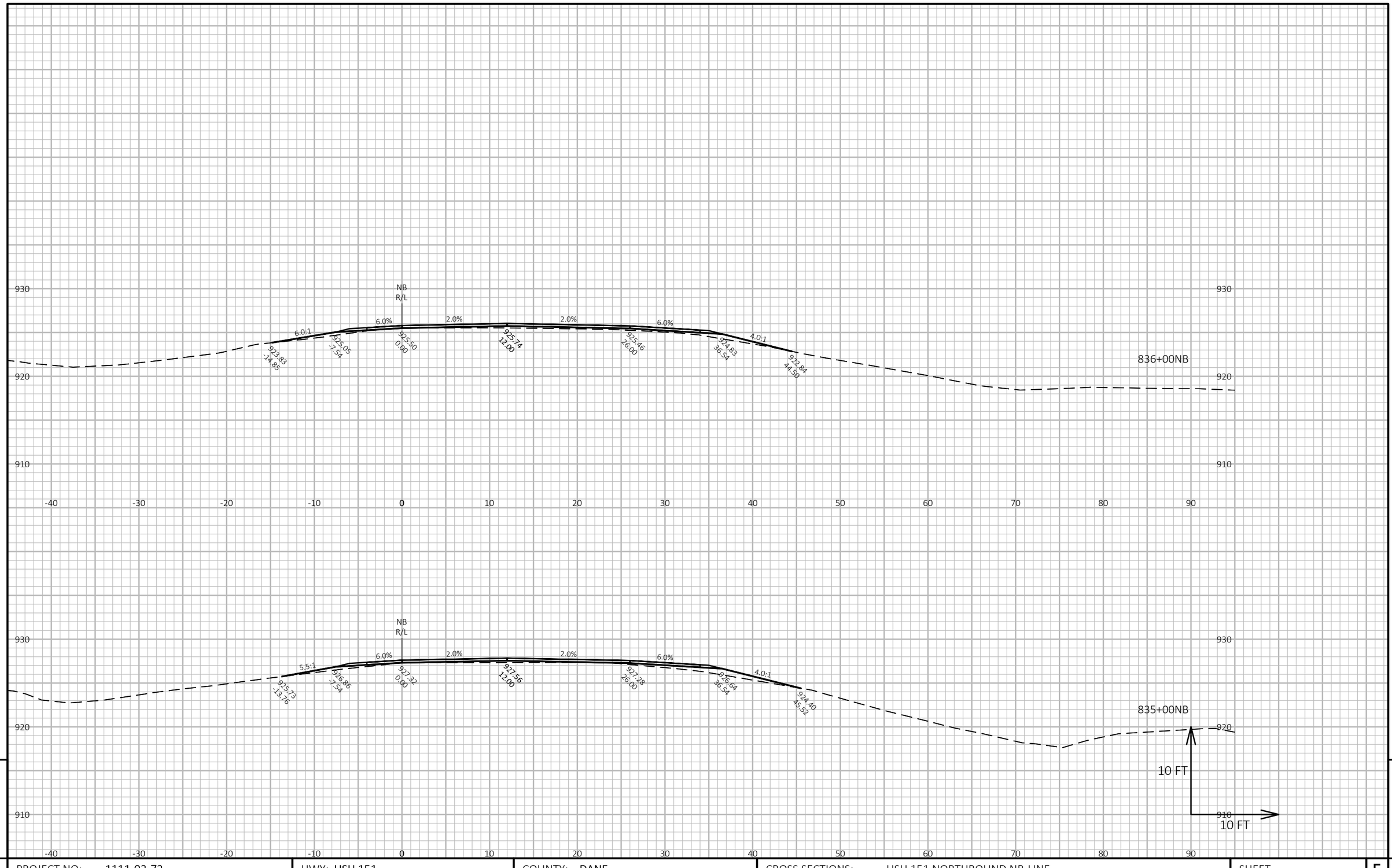
PLOT DATE : 4/24/2018 10:08 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



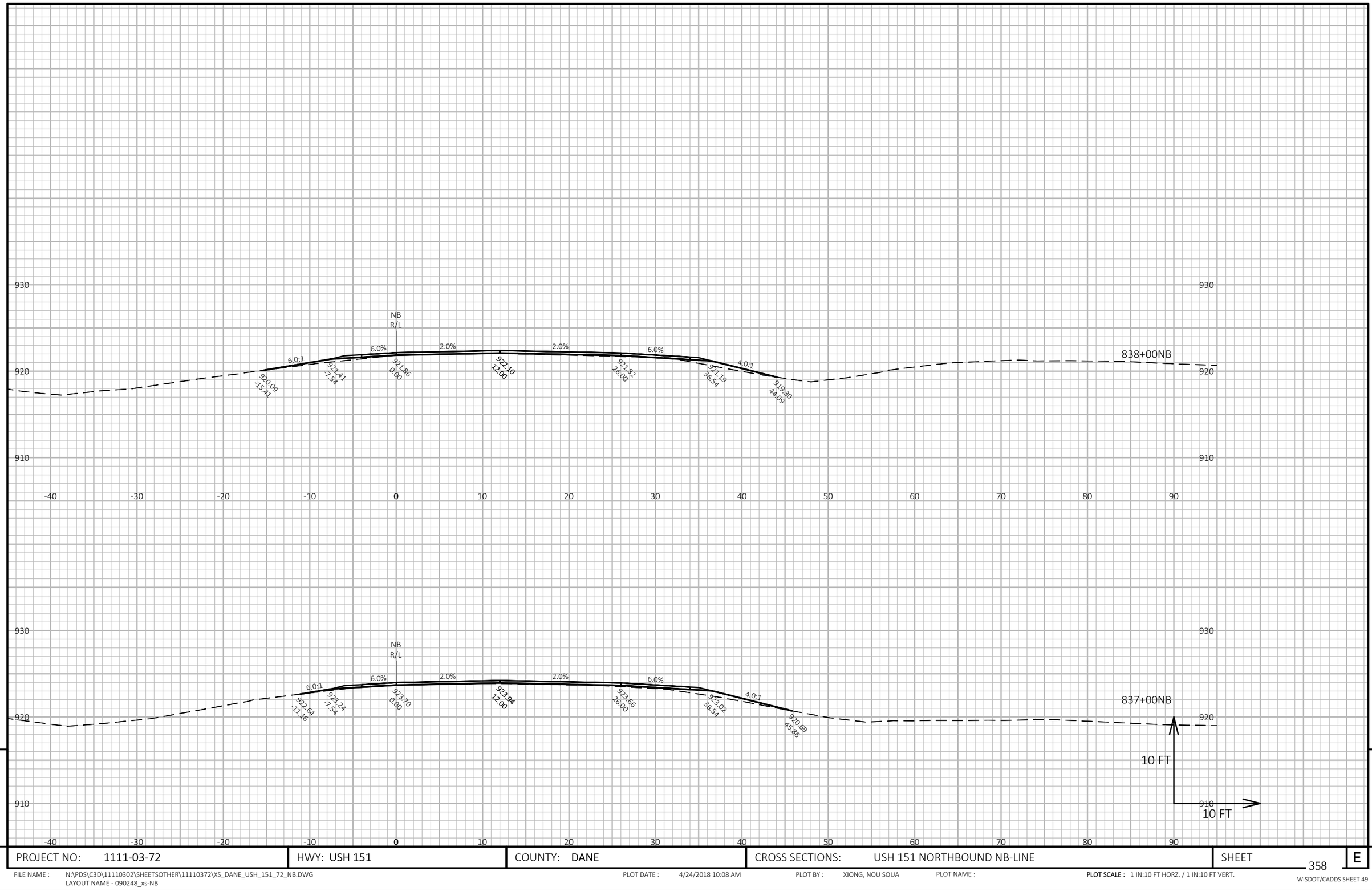
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 357 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090247_xs-NB

PLOT DATE : 4/24/2018 10:08 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



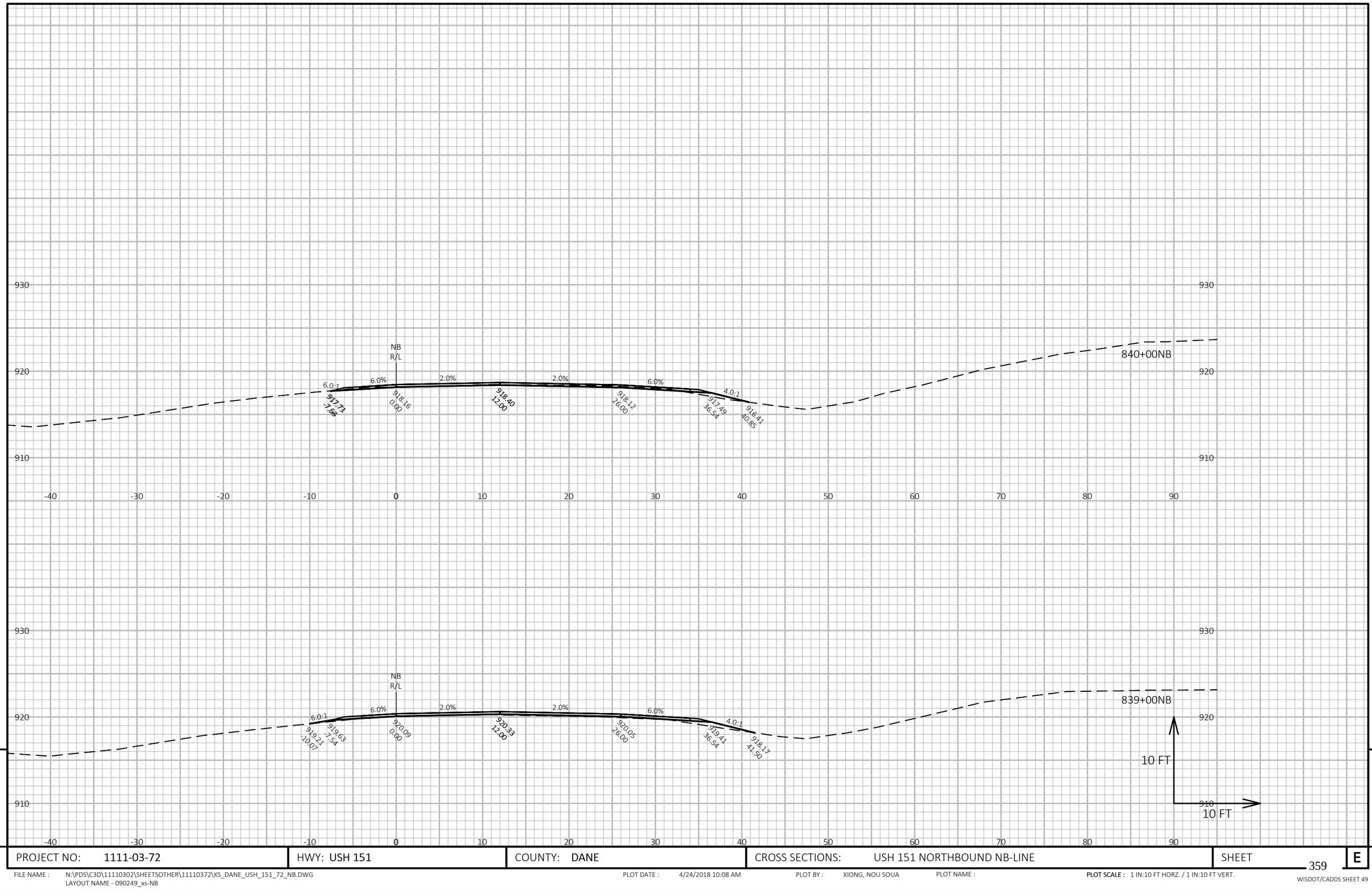
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 358 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090248_xs-NB

PLOT DATE : 4/24/2018 10:08 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

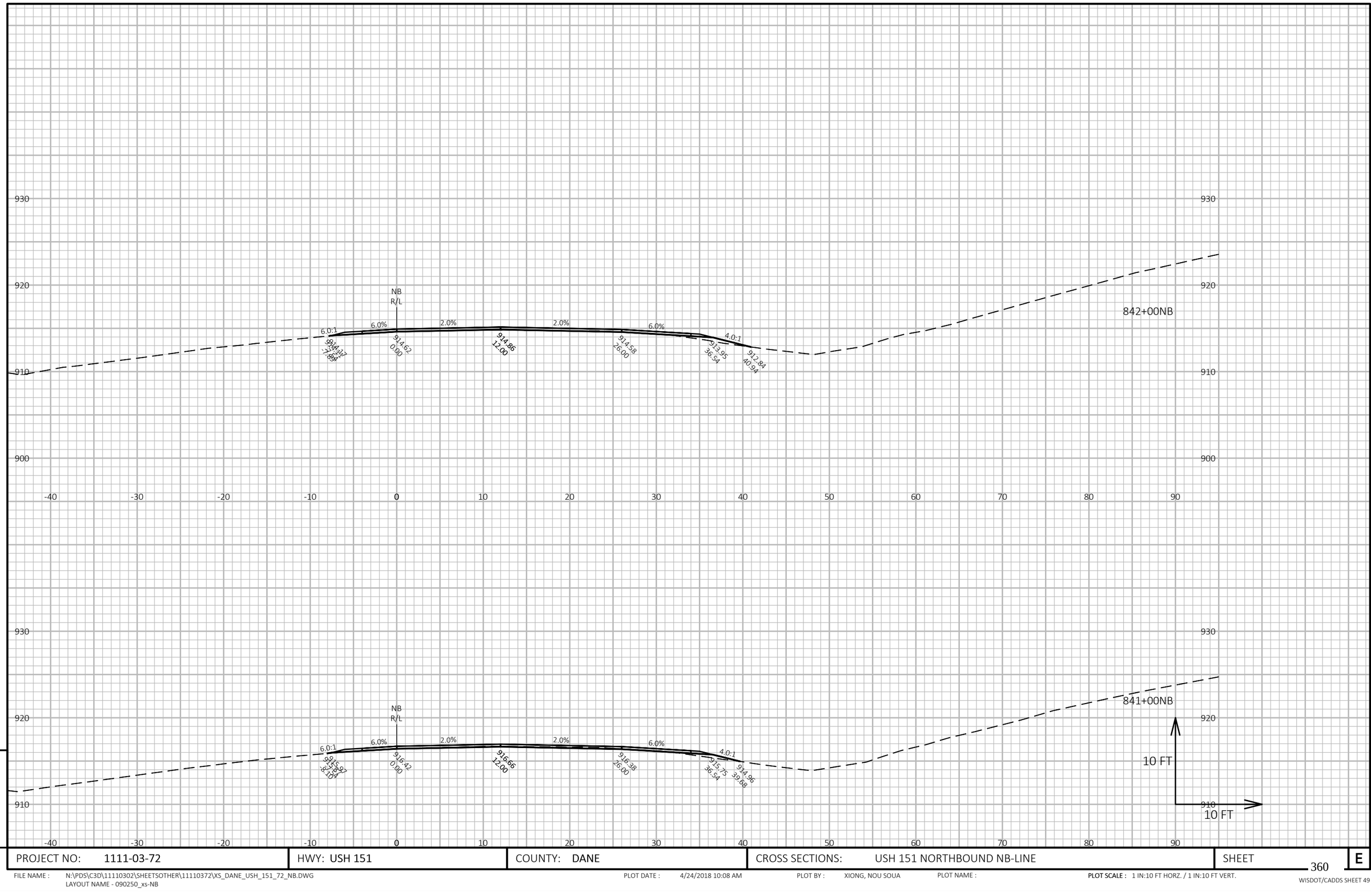


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 359 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090249_xs-NB

PLOT DATE : 4/24/2018 10:08 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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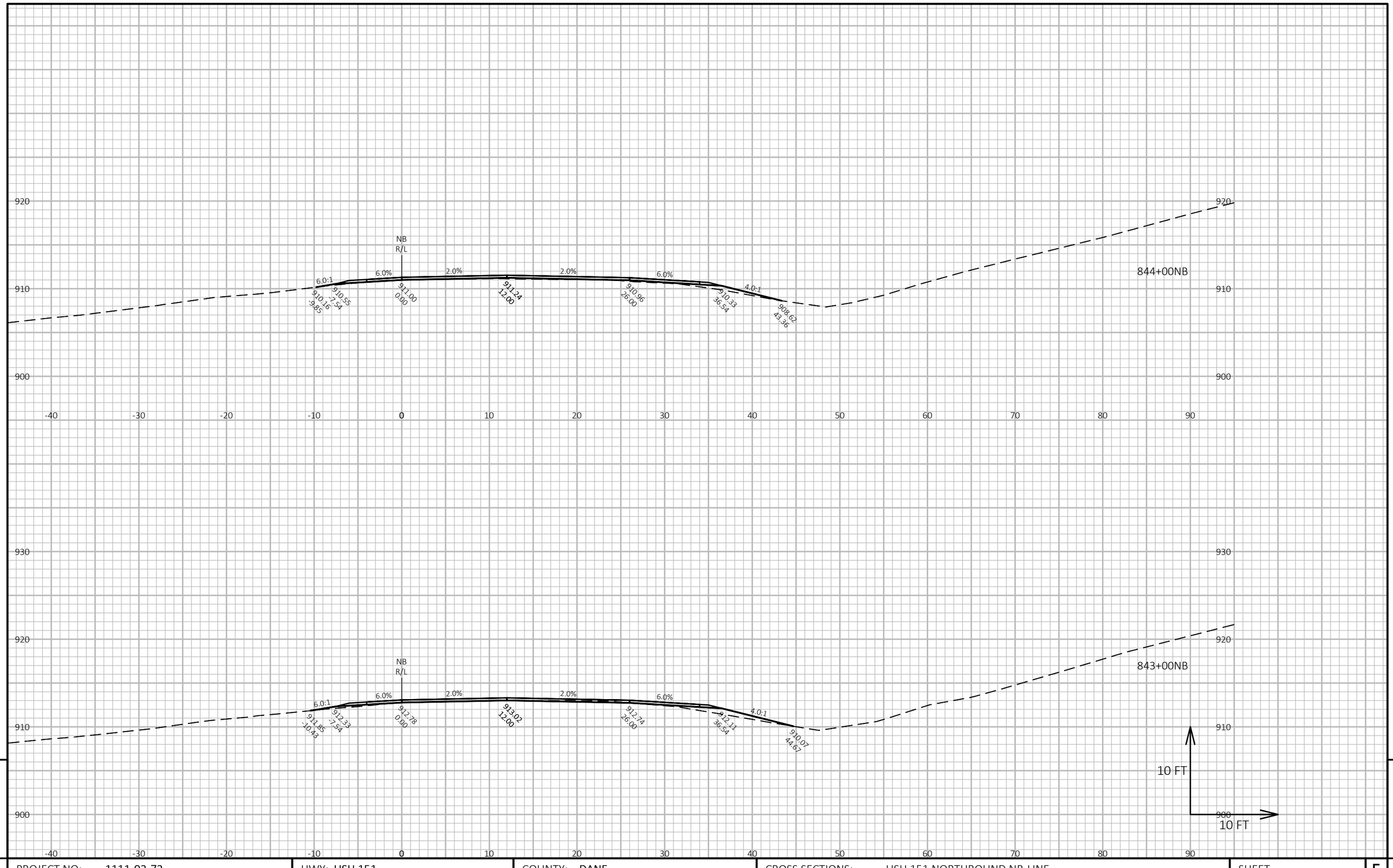
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 360	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090250_xs-NB

PLOT DATE : 4/24/2018 10:08 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 361	E

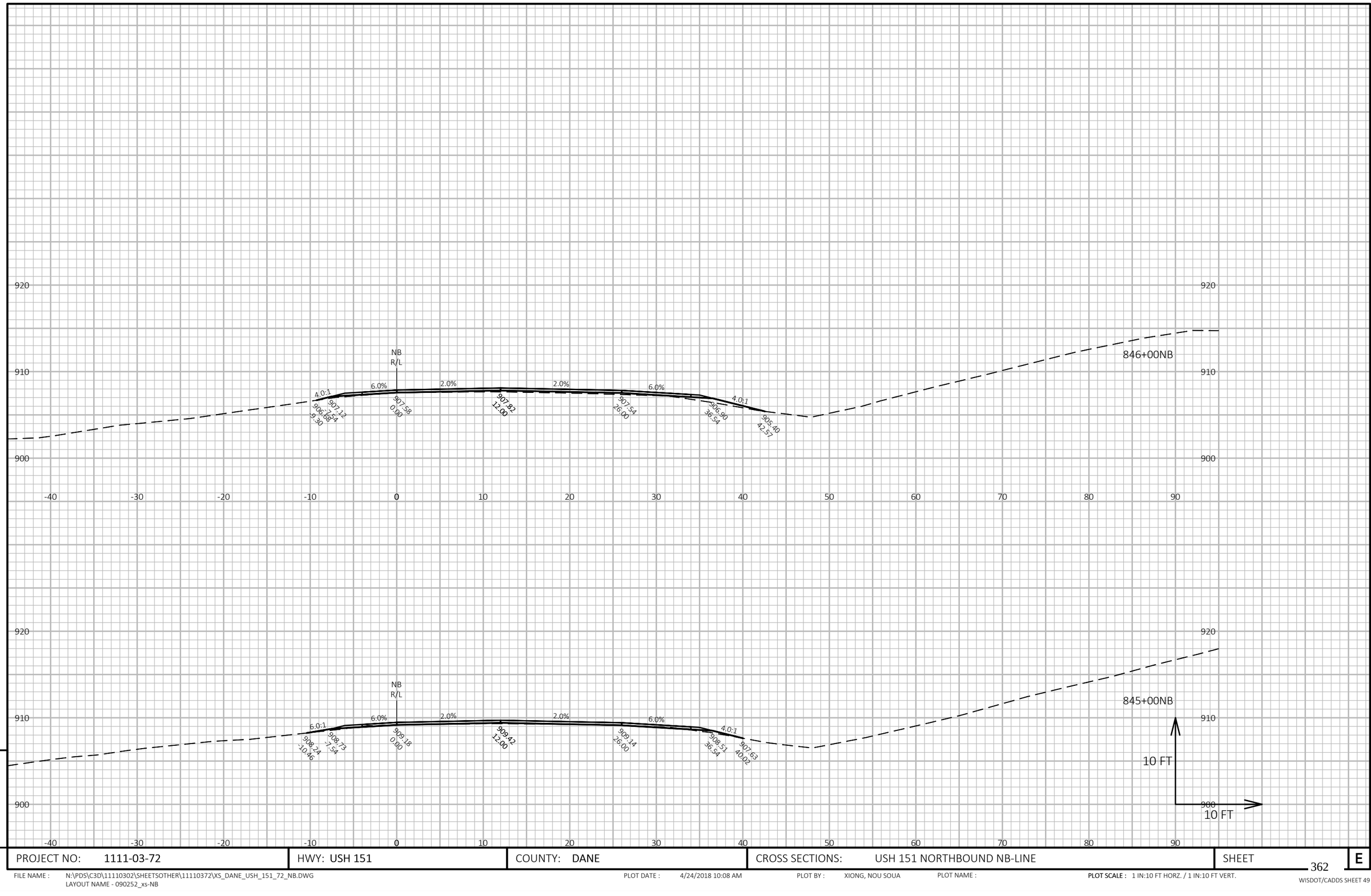
FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090251_xs-NB

PLOT DATE : 4/24/2018 10:08 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



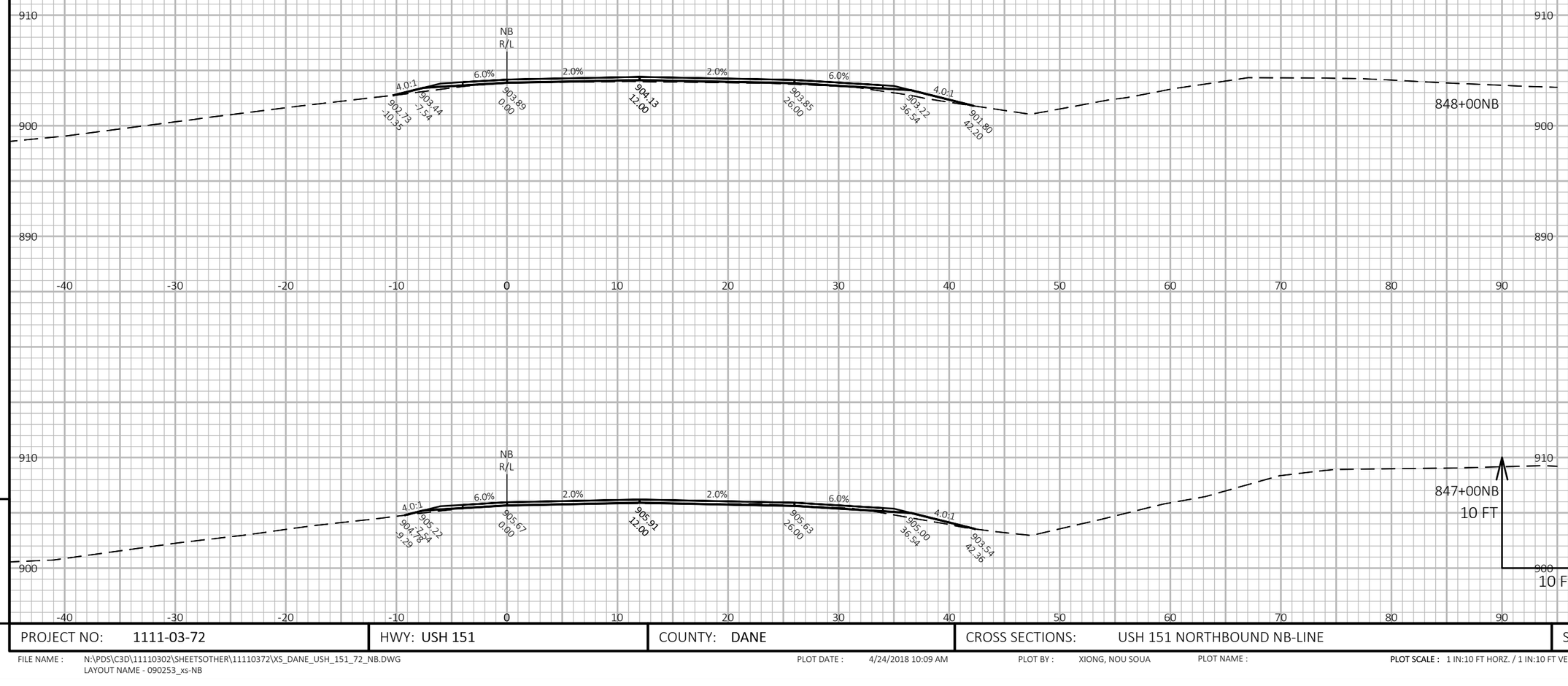
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 362	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090252_xs-NB

PLOT DATE : 4/24/2018 10:08 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



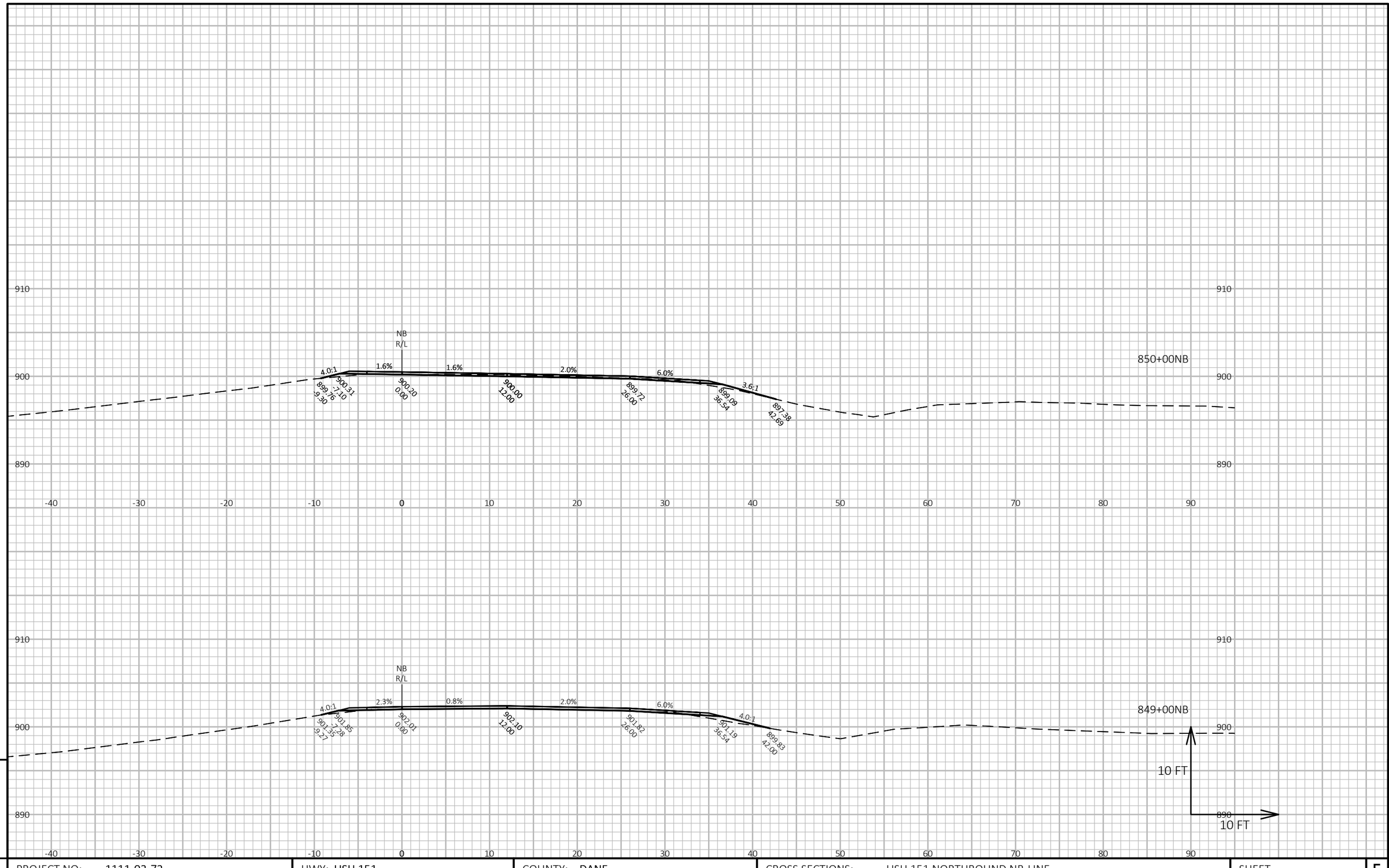
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 363	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090253_xs-NB

PLOT DATE : 4/24/2018 10:09 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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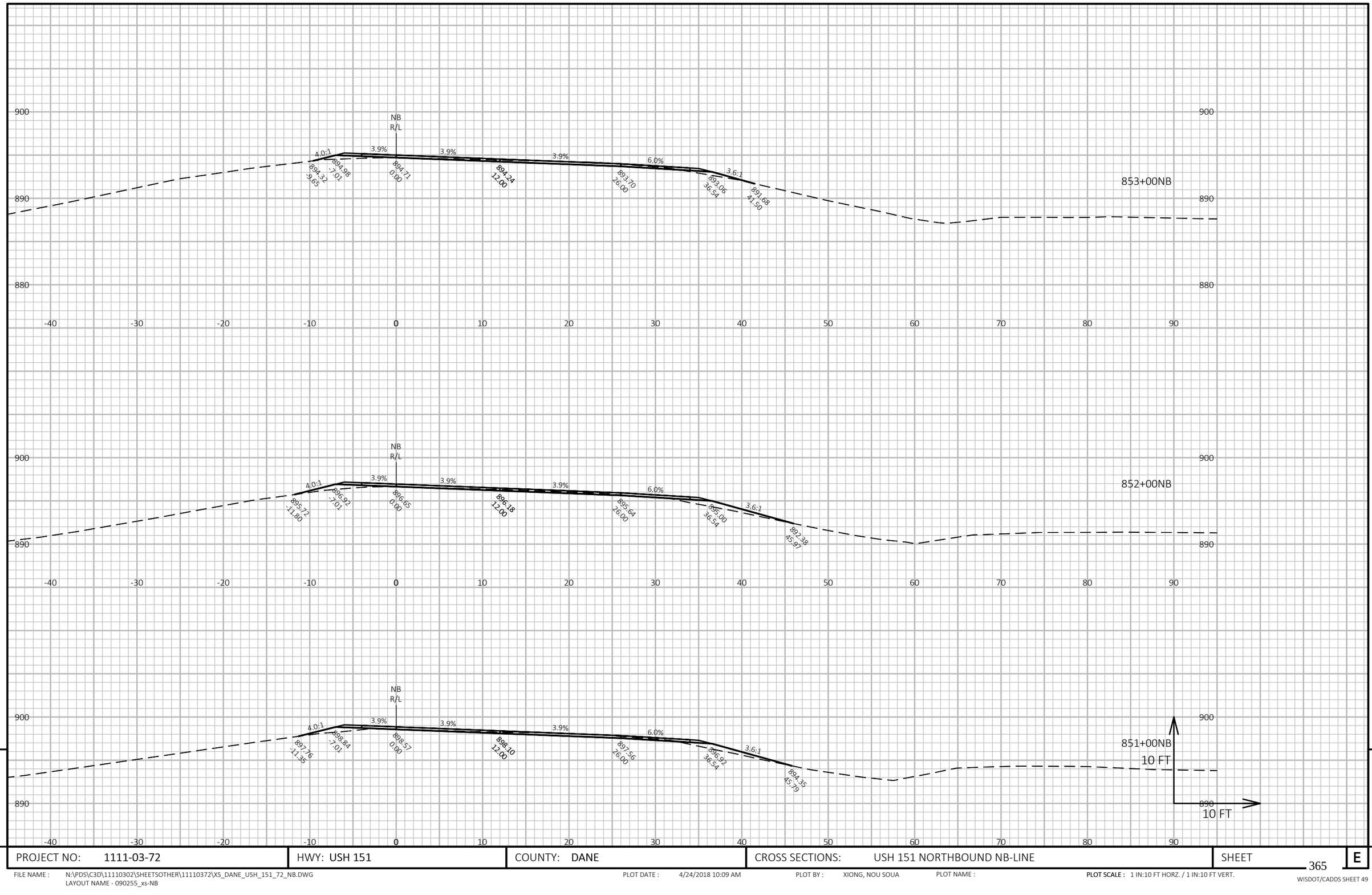
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 364	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090254_xs-NB

PLOT DATE : 4/24/2018 10:09 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

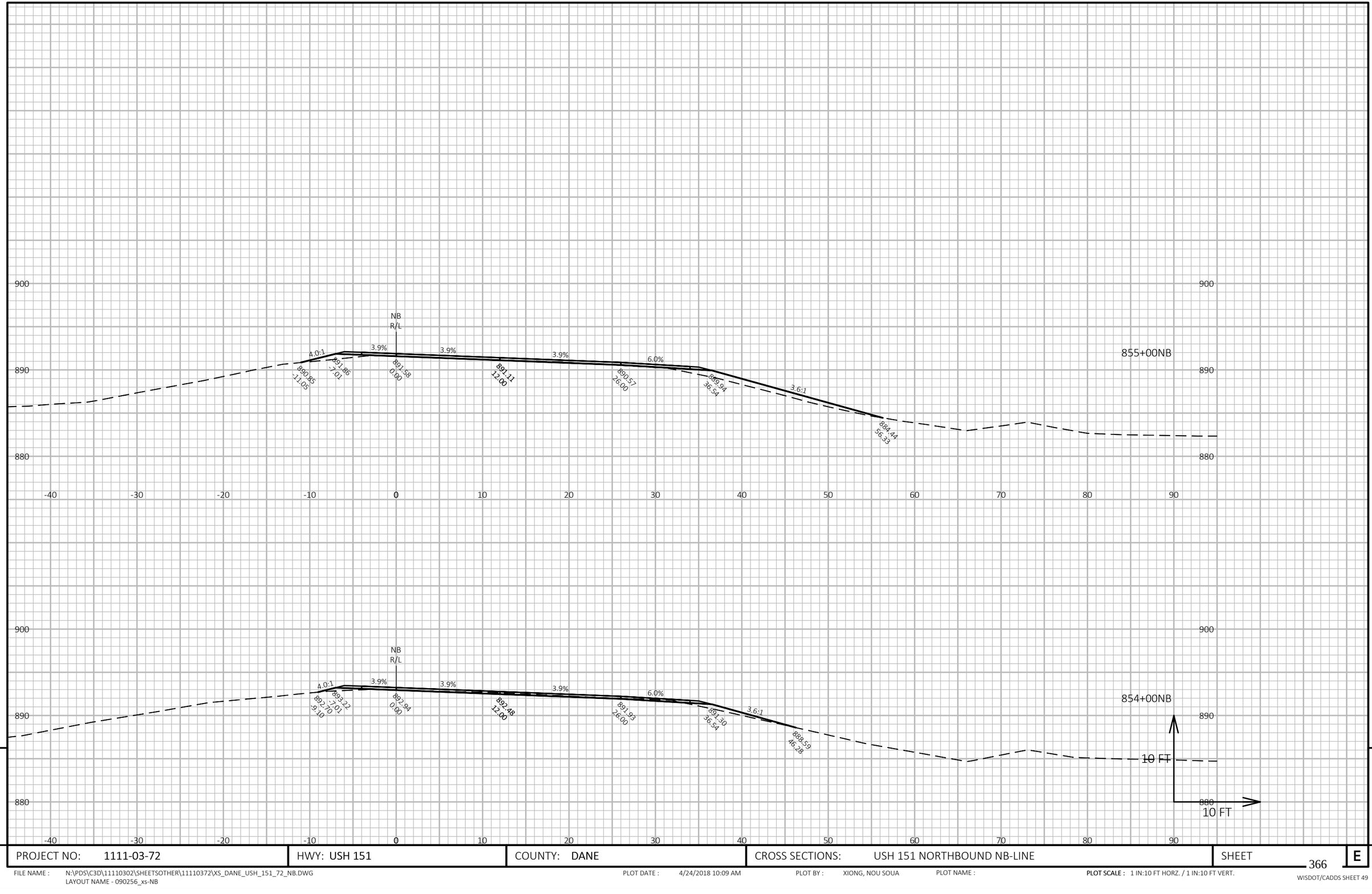


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 365 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090255_xs-NB

PLOT DATE : 4/24/2018 10:09 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

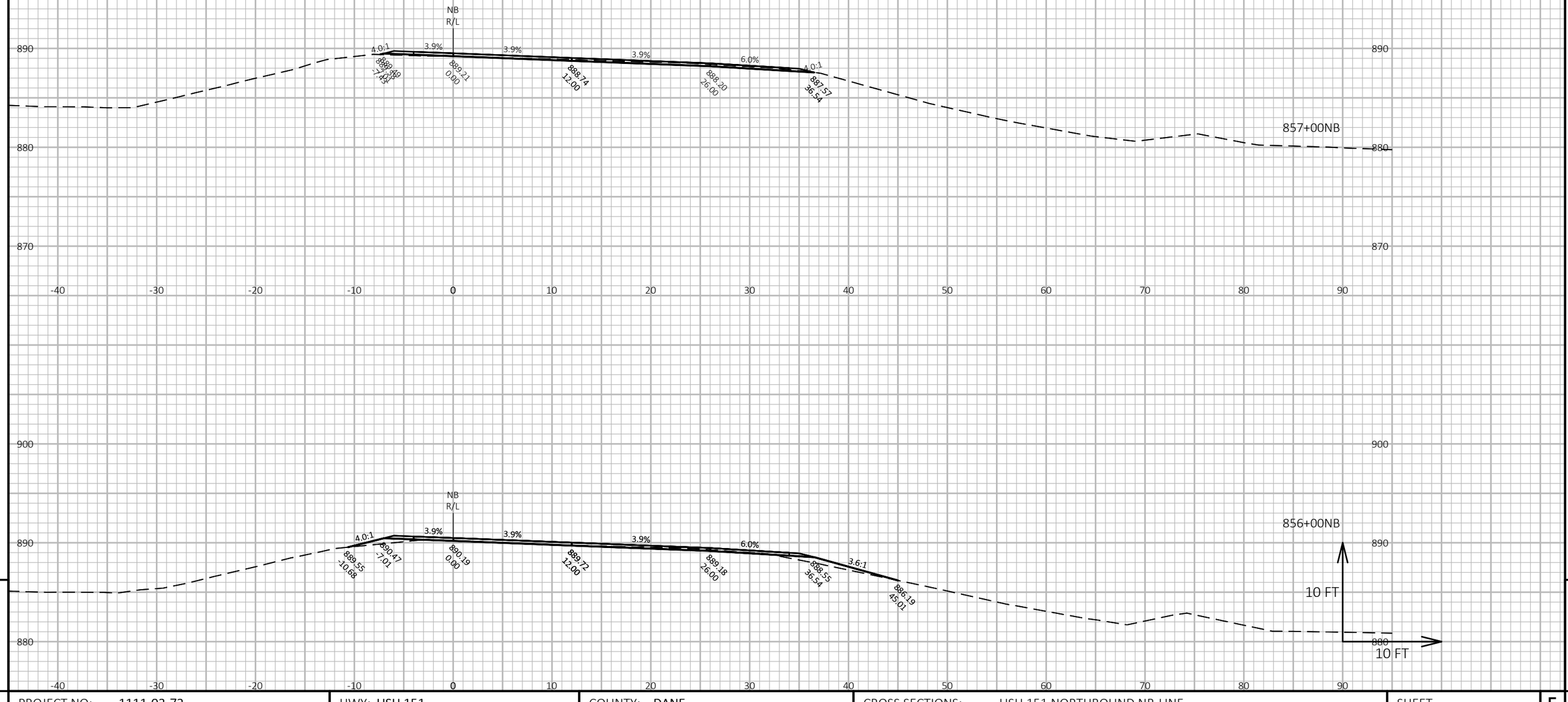


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 366 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090256_xs-NB

PLOT DATE : 4/24/2018 10:09 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

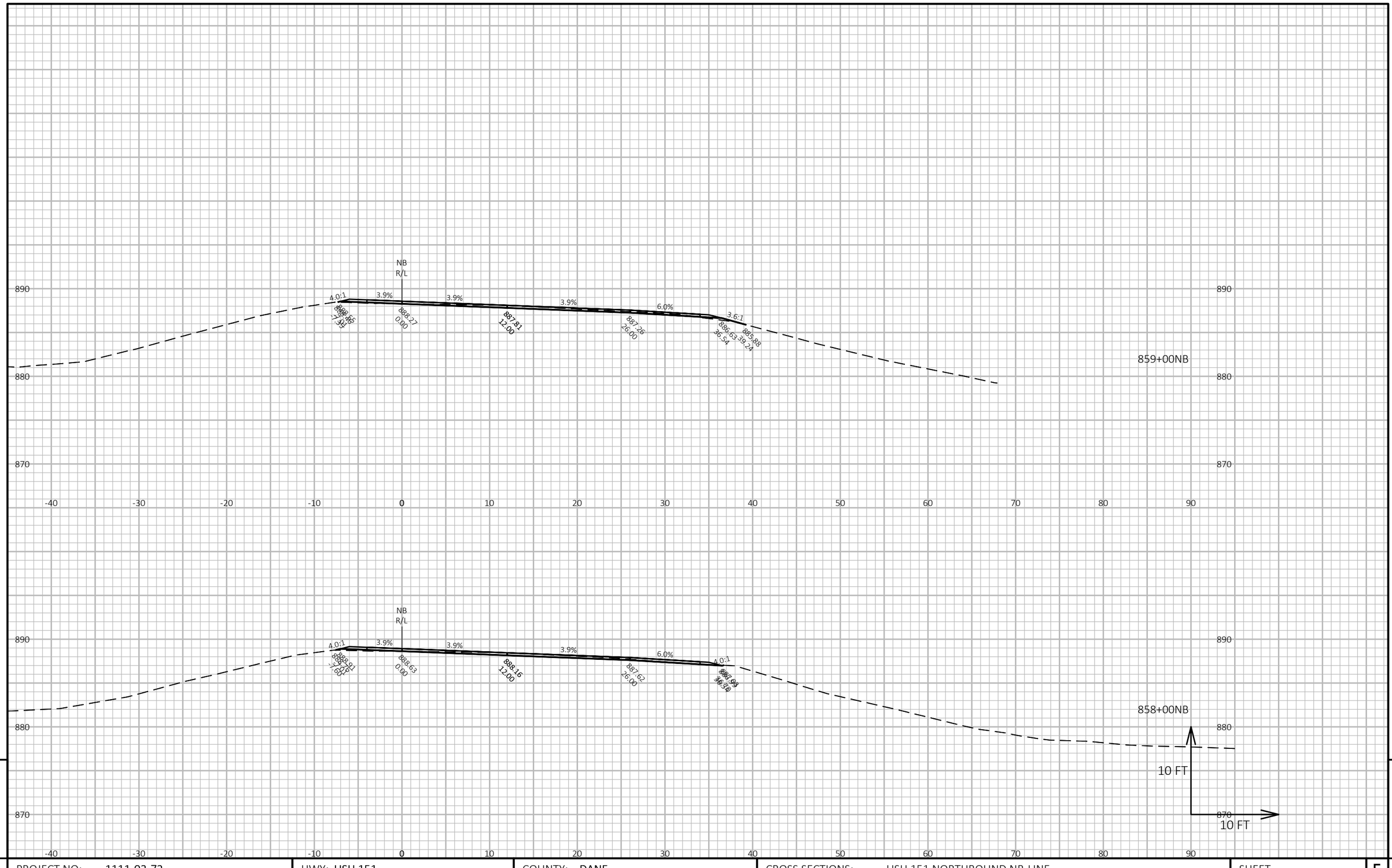


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 367 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090257_xs-NB

PLOT DATE : 4/24/2018 10:09 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

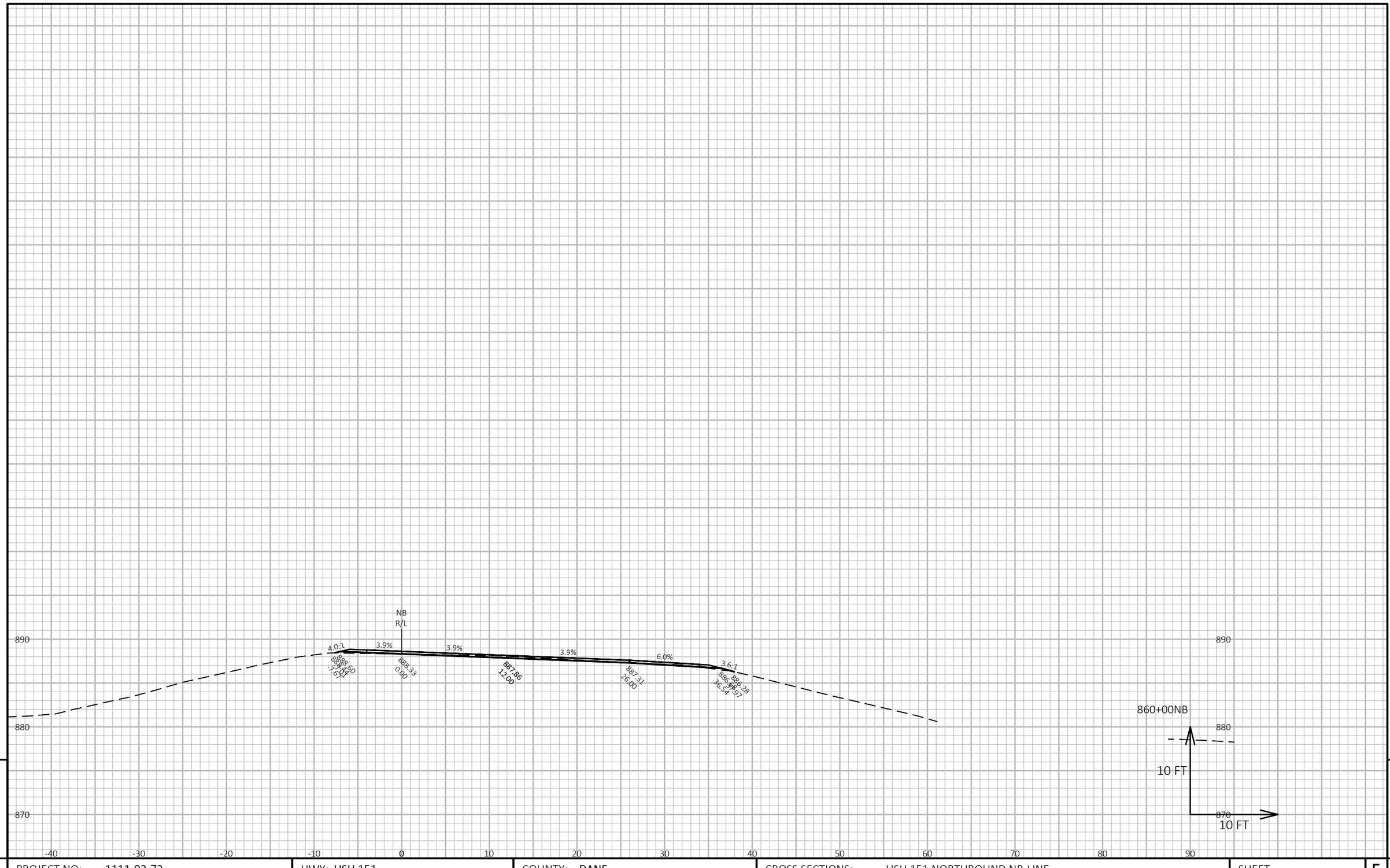


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 368 E

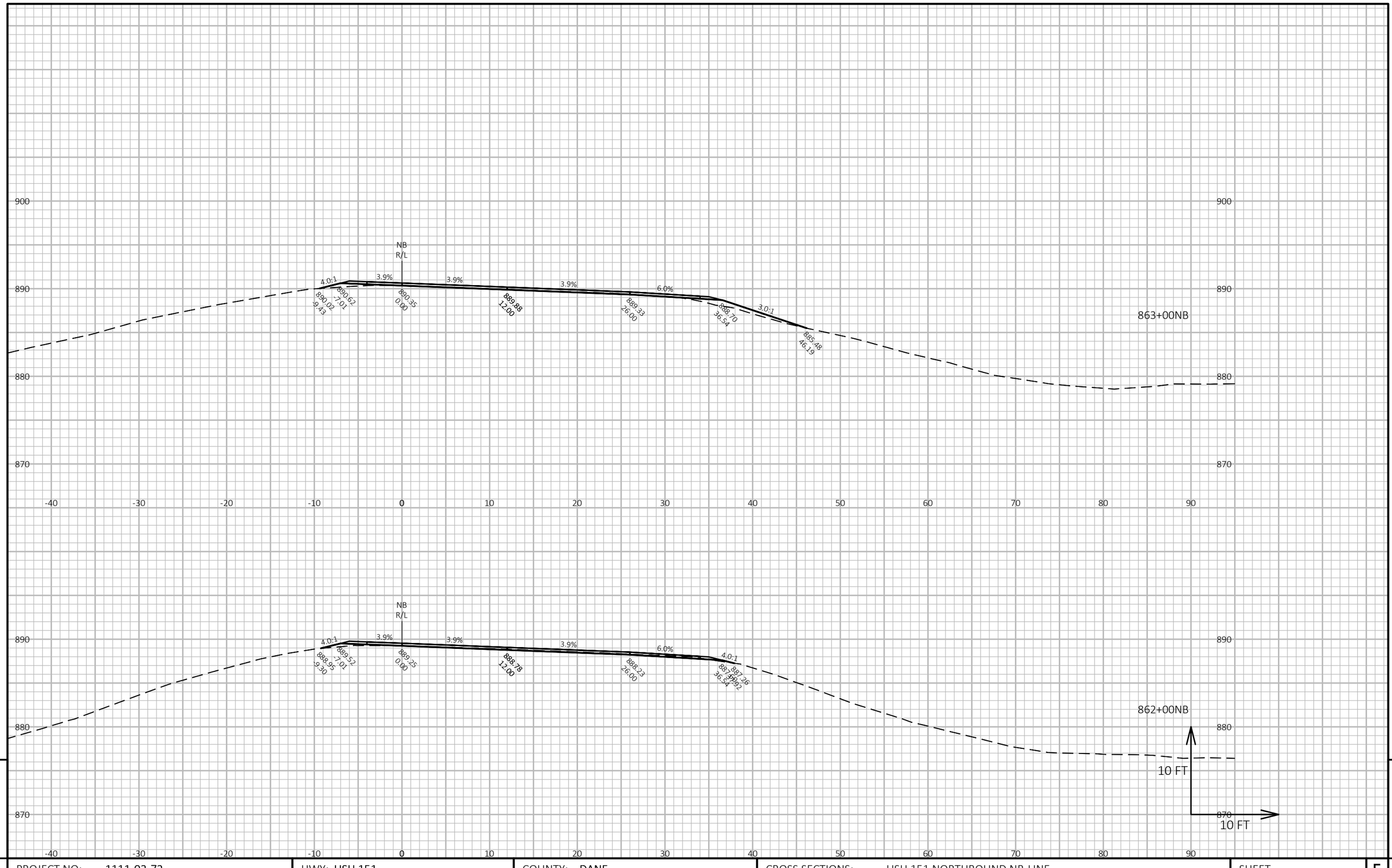
FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090258_xs-NB

PLOT DATE : 4/24/2018 10:09 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 369 E



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 370	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090261_xs-NB

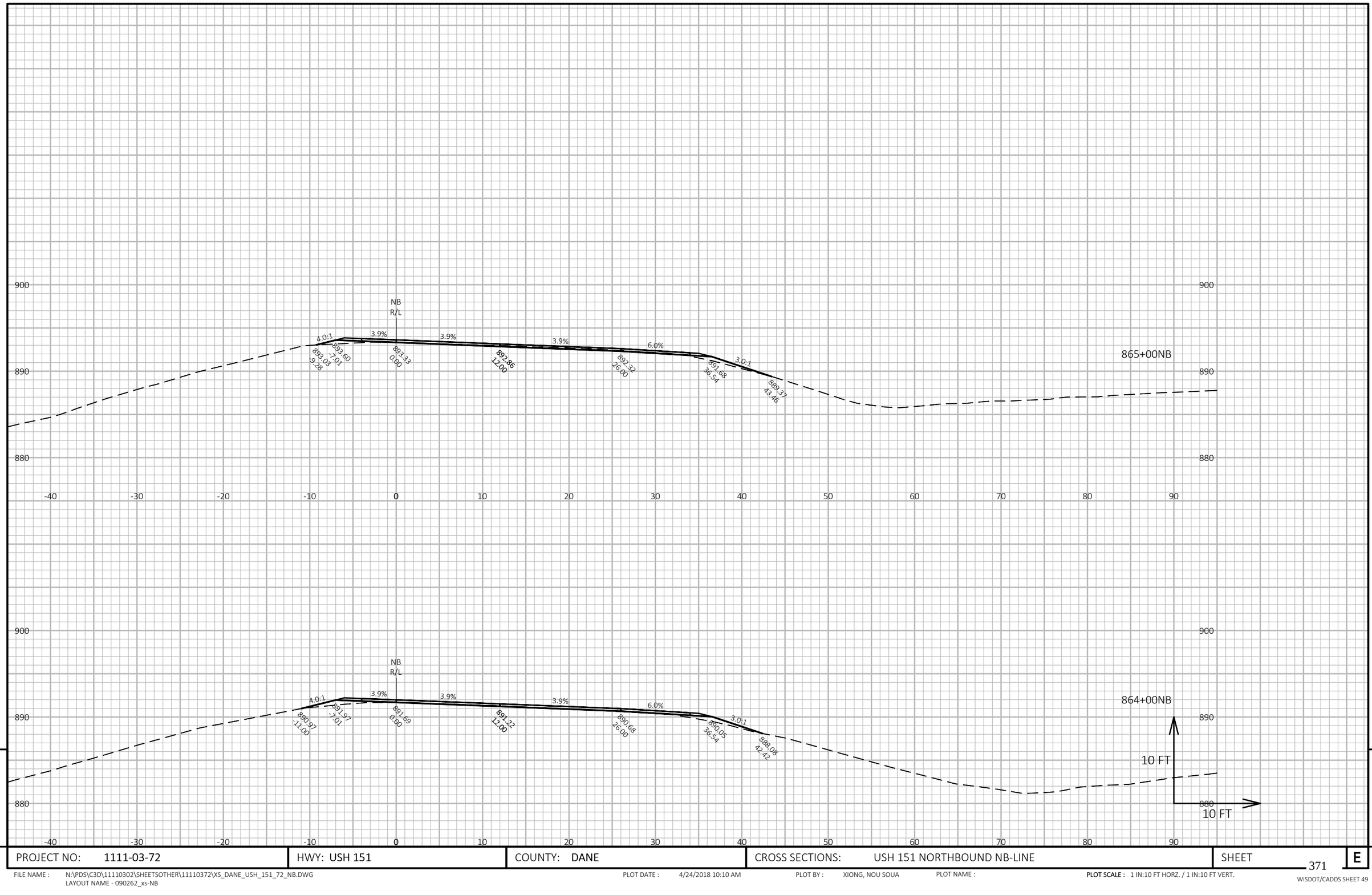
PLOT DATE : 4/24/2018 10:10 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

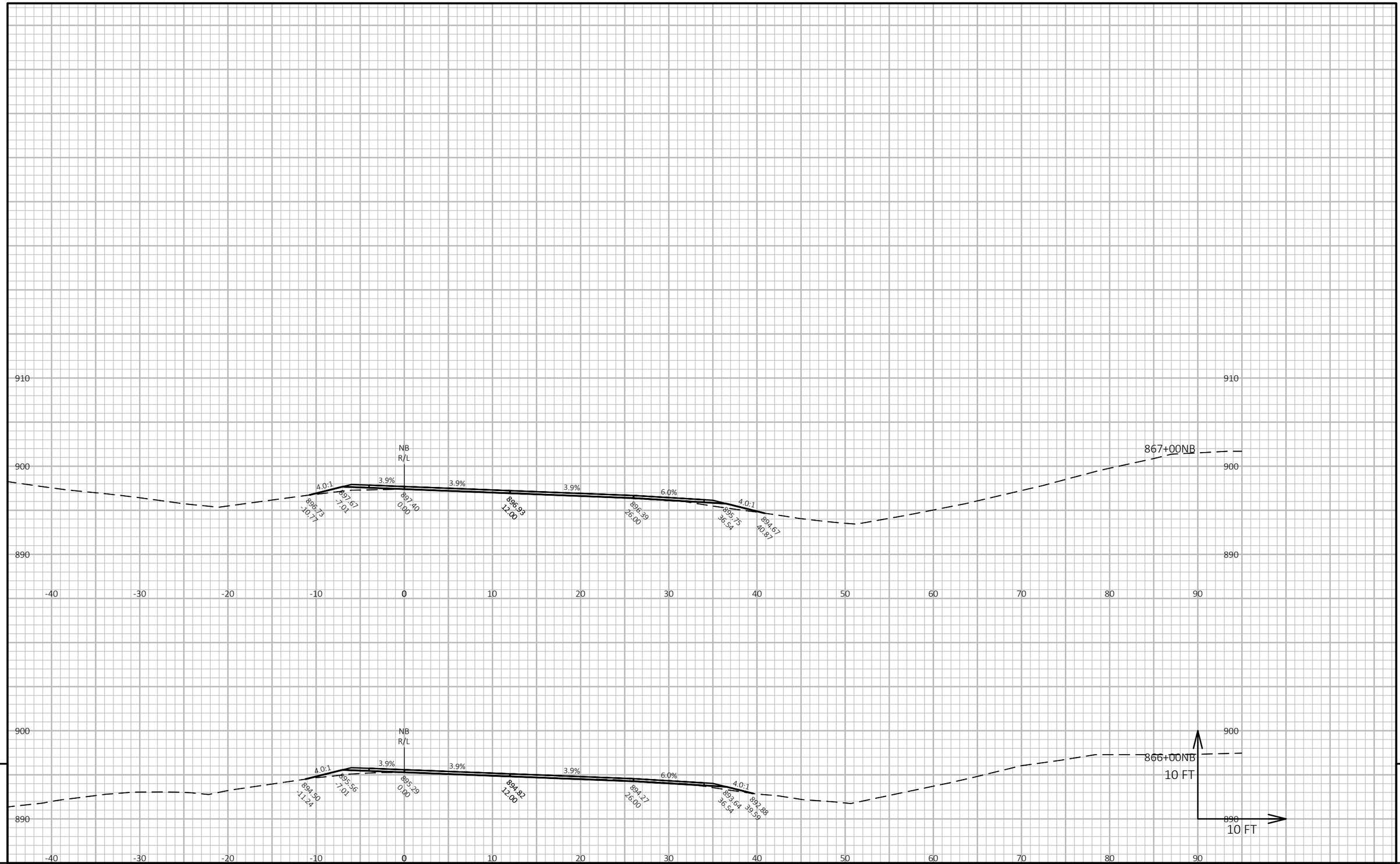


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 371 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090262_xs-NB

PLOT DATE : 4/24/2018 10:10 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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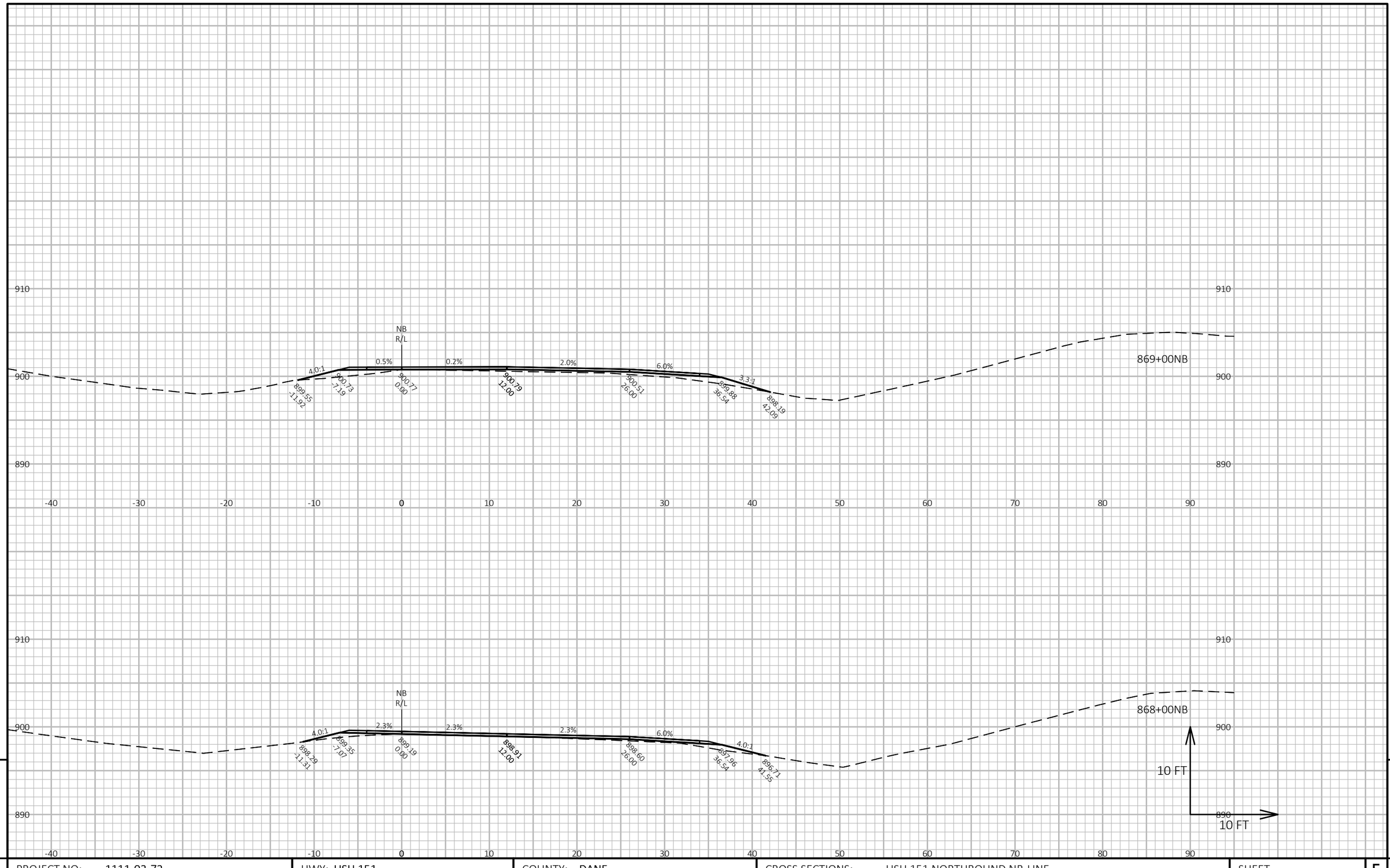
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 372	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090263_xs-NB

PLOT DATE : 4/24/2018 10:10 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 373	E

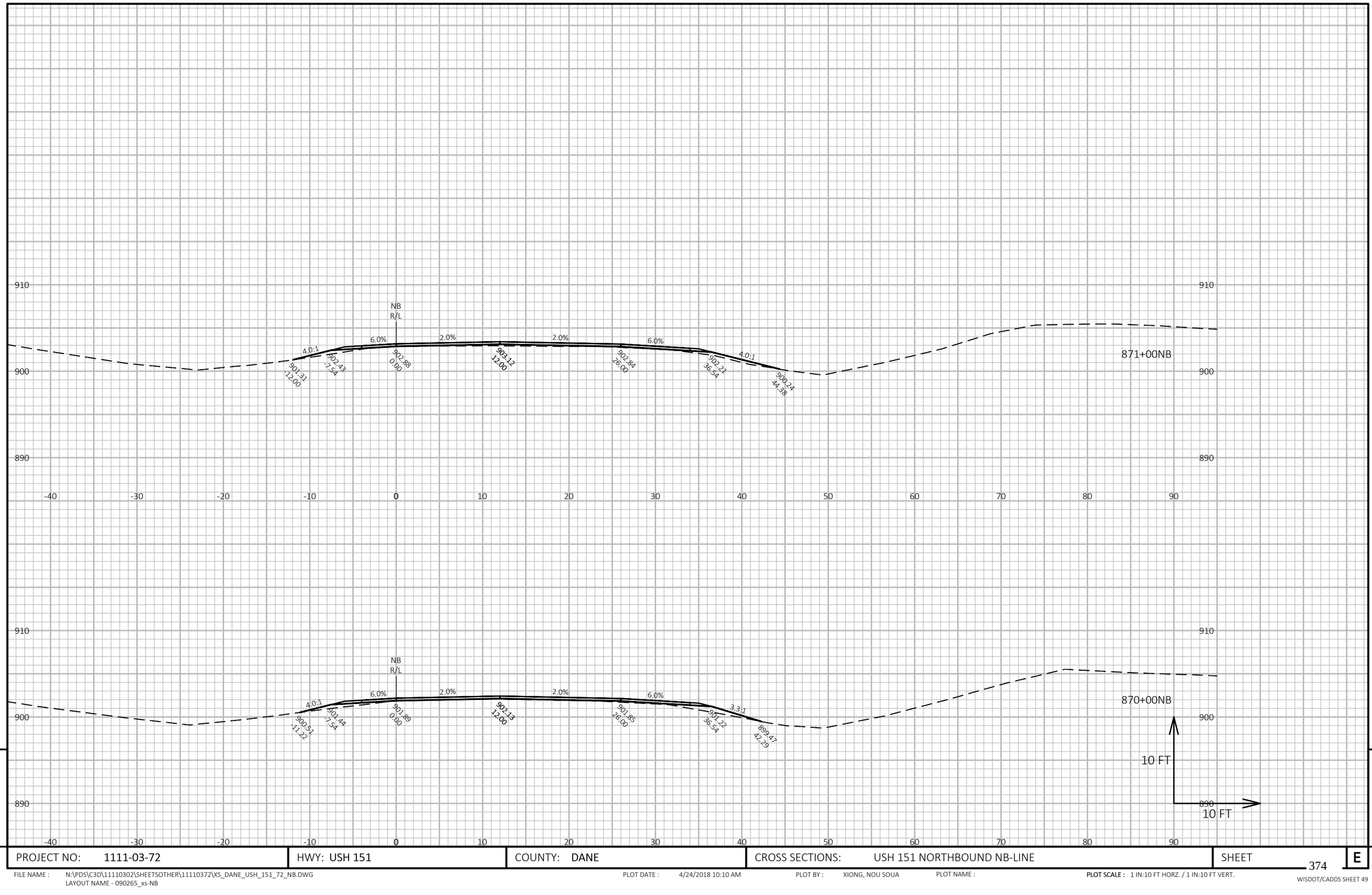
FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090264_xs-NB

PLOT DATE : 4/24/2018 10:10 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 374	E

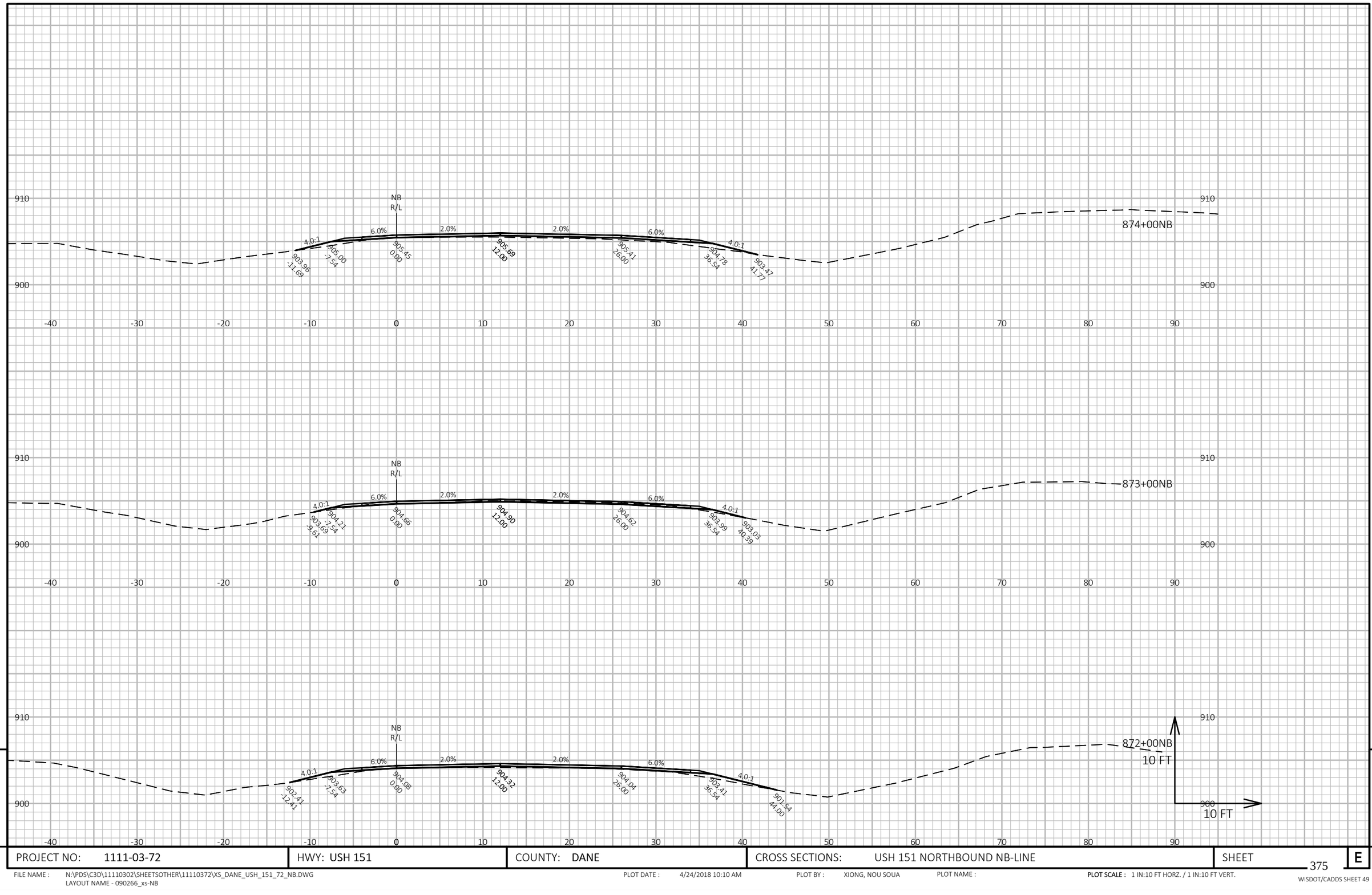
FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090265_xs-NB

PLOT DATE : 4/24/2018 10:10 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 375	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090266_xs-NB

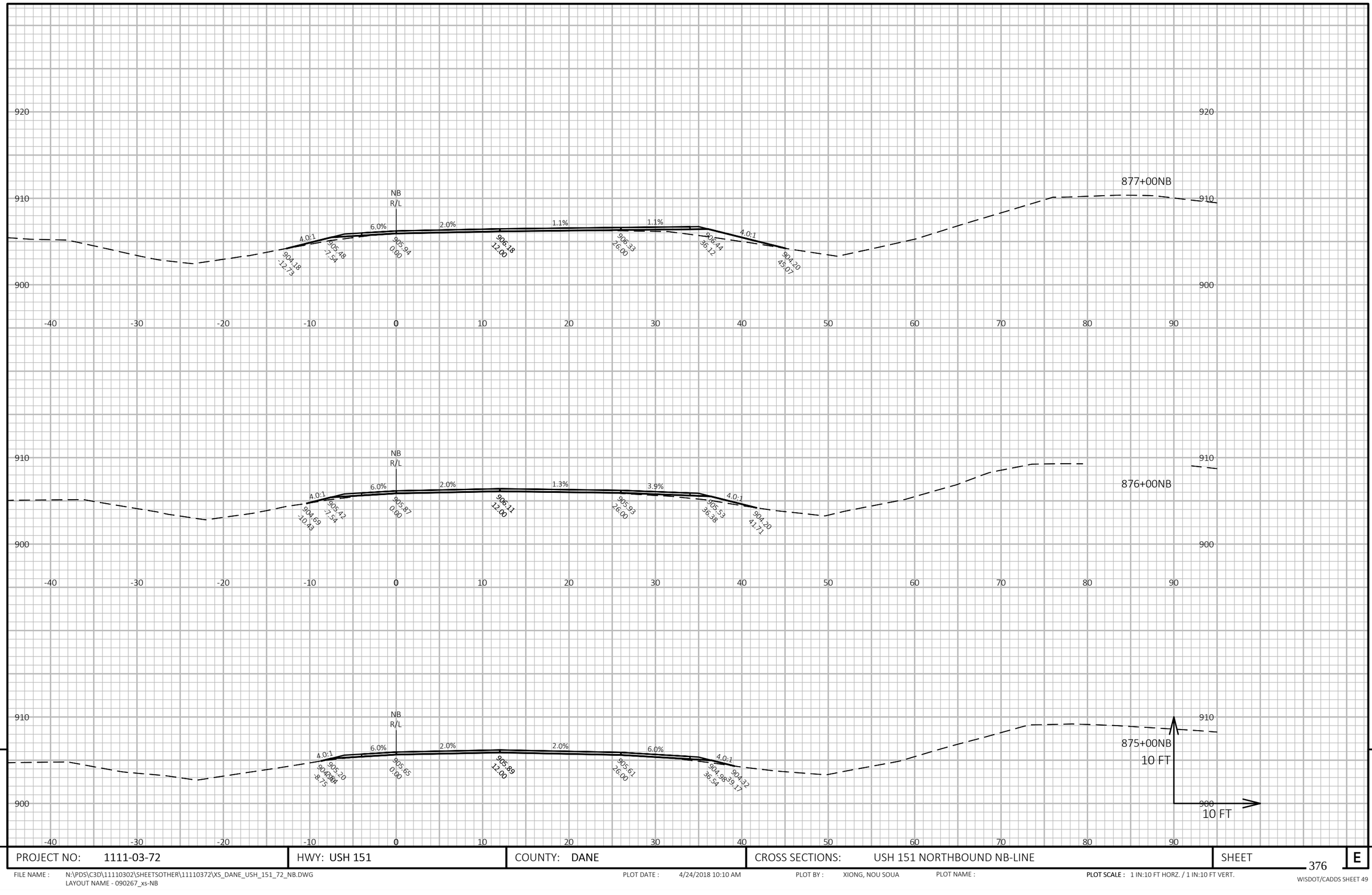
PLOT DATE : 4/24/2018 10:10 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 376	E

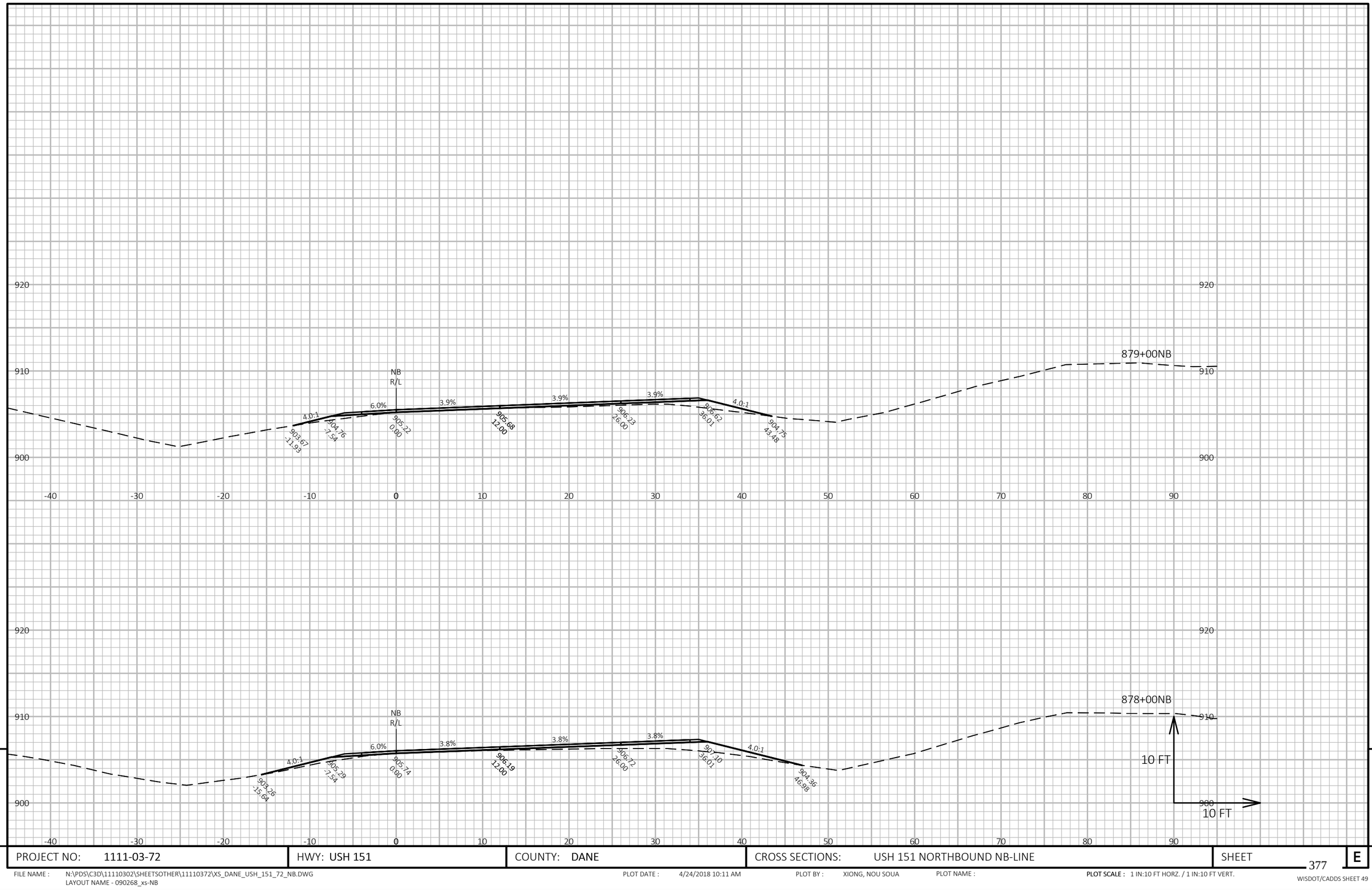
FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090267_xs-NB

PLOT DATE : 4/24/2018 10:10 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



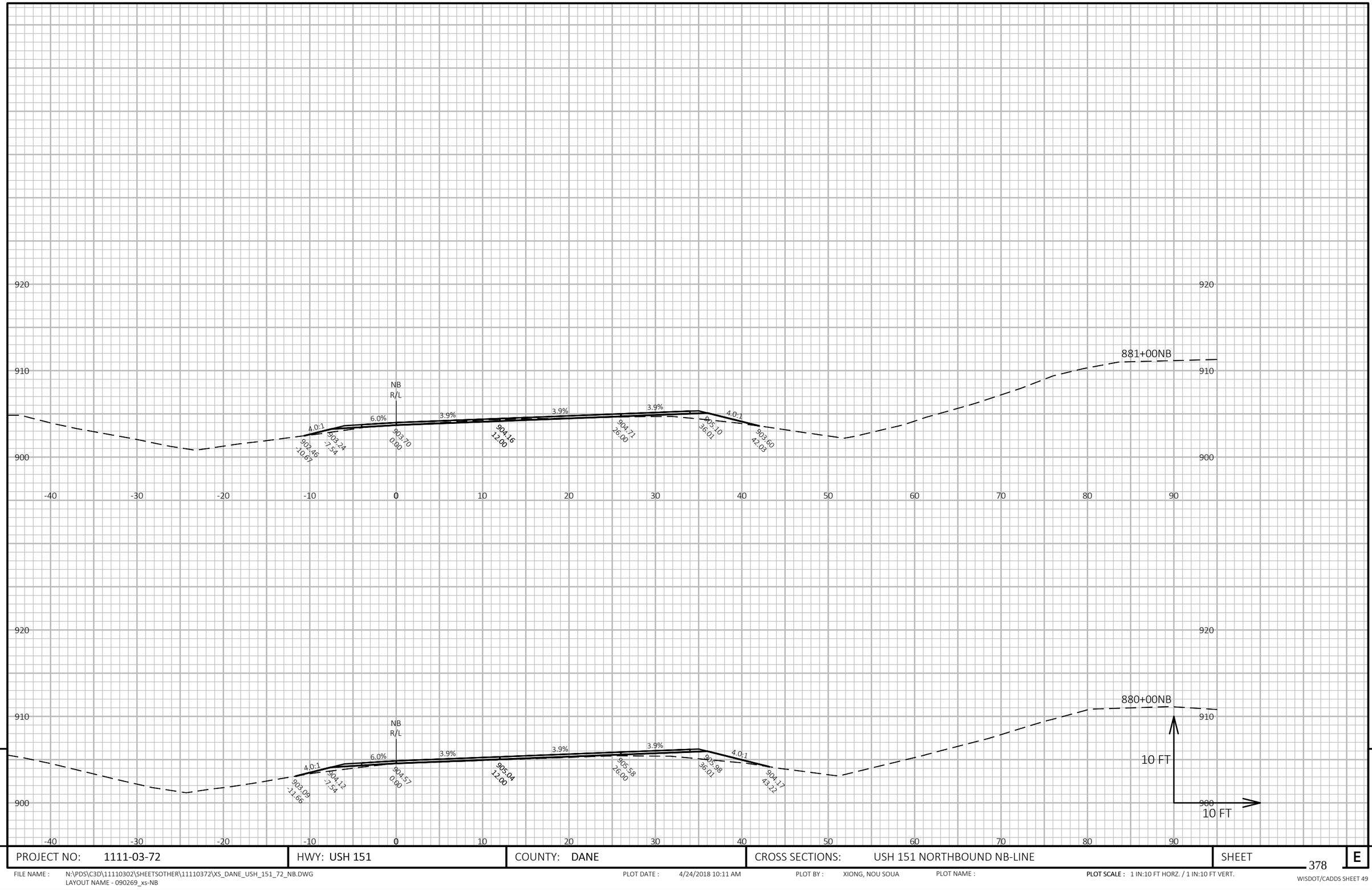
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 377	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090268_xs-NB

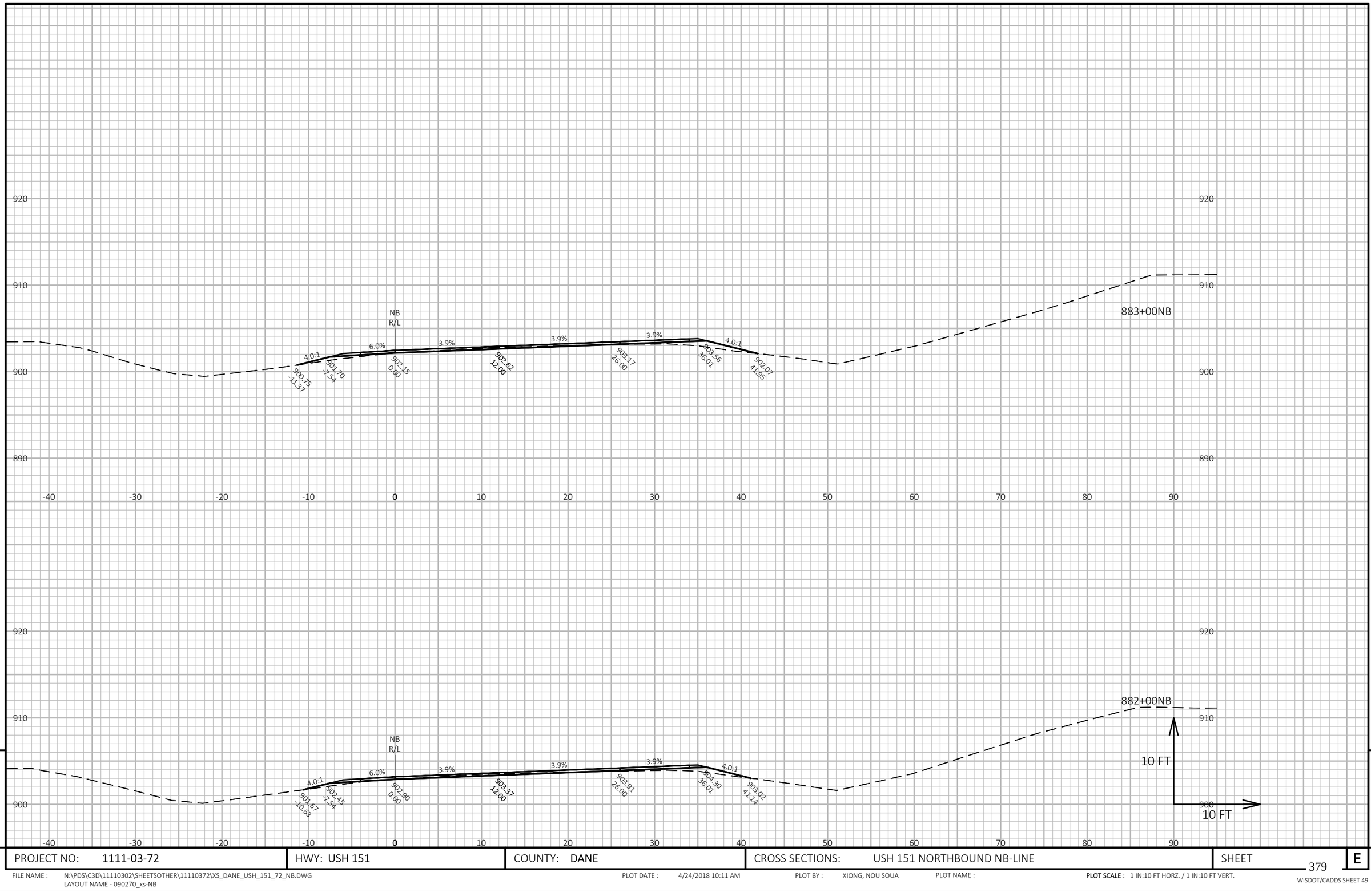
PLOT DATE : 4/24/2018 10:11 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 378	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090269_xs-NB

PLOT DATE : 4/24/2018 10:11 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 379	E

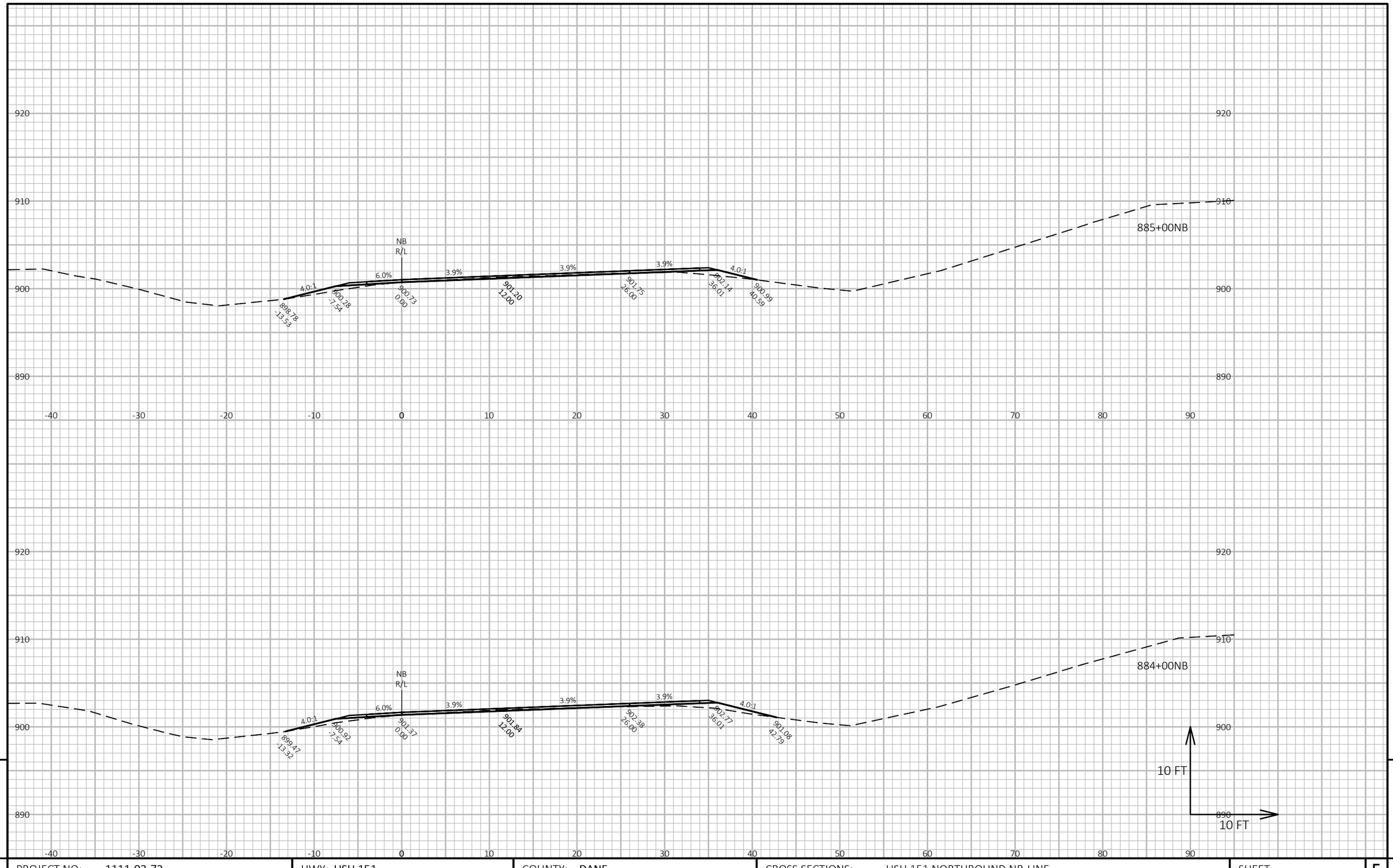
FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090270_xs-NB

PLOT DATE : 4/24/2018 10:11 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

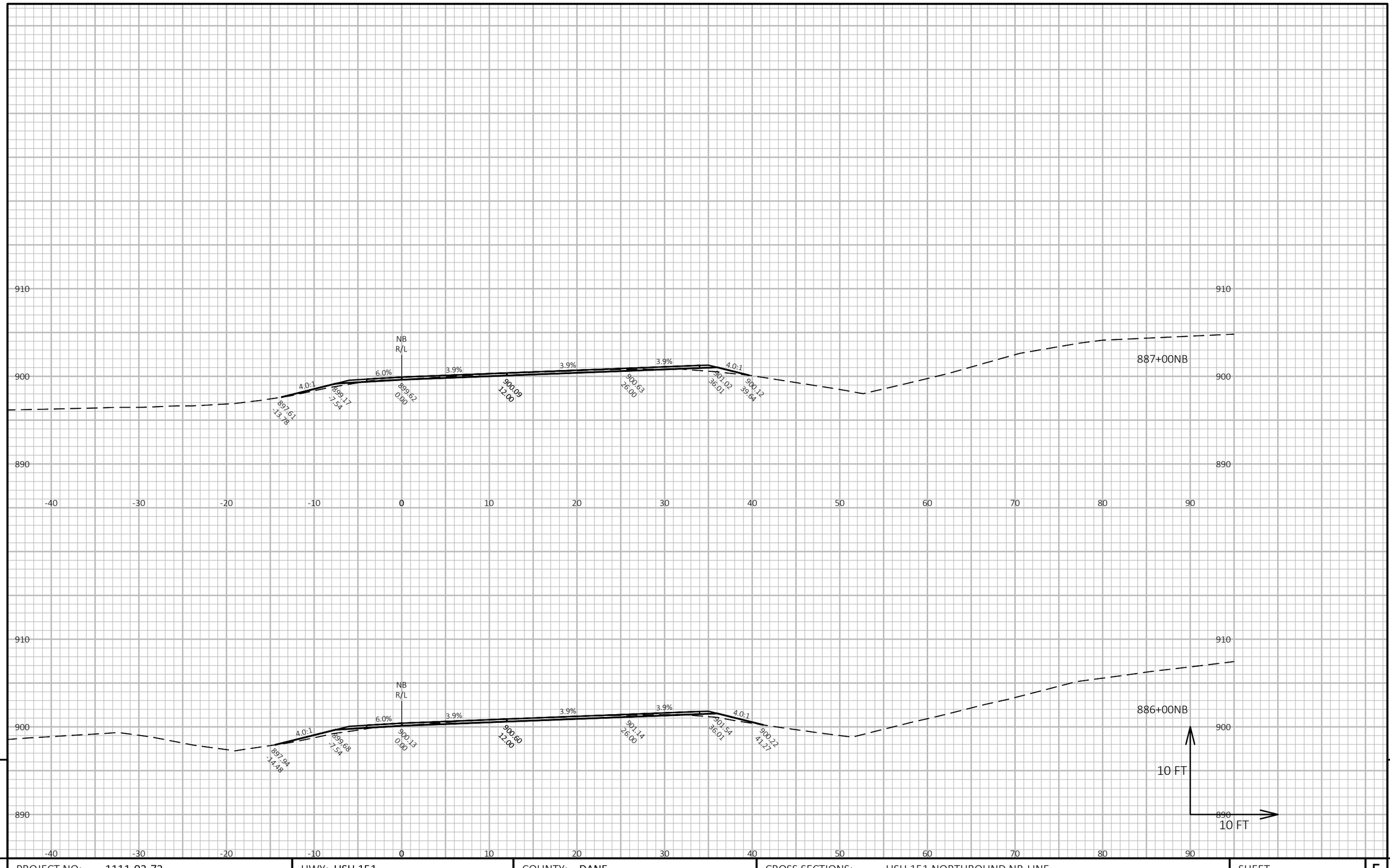


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 380 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090271_xs-NB

PLOT DATE : 4/24/2018 10:11 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

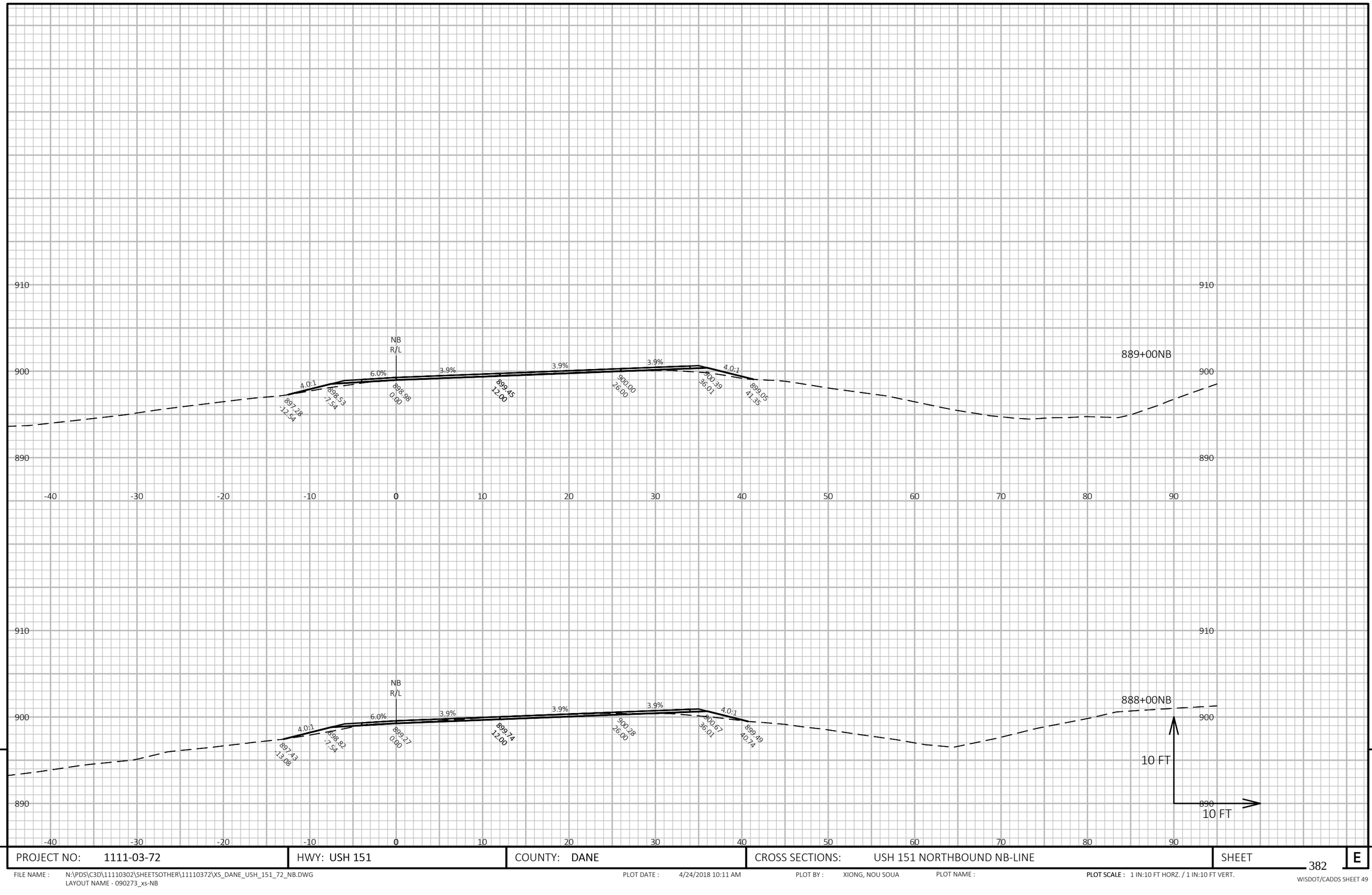


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 381 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090272_xs-NB

PLOT DATE : 4/24/2018 10:11 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

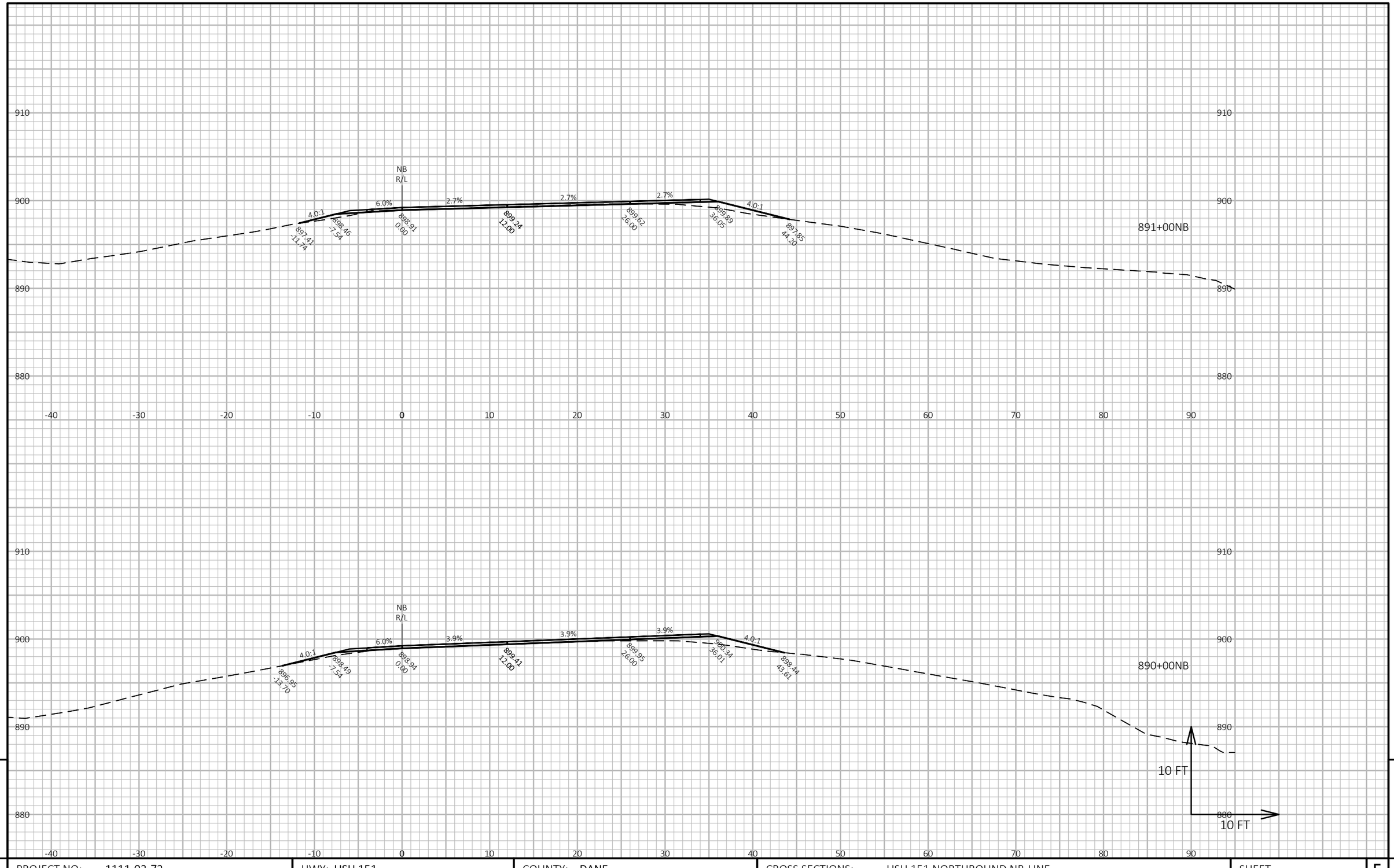


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 382 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090273_xs-NB

PLOT DATE : 4/24/2018 10:11 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

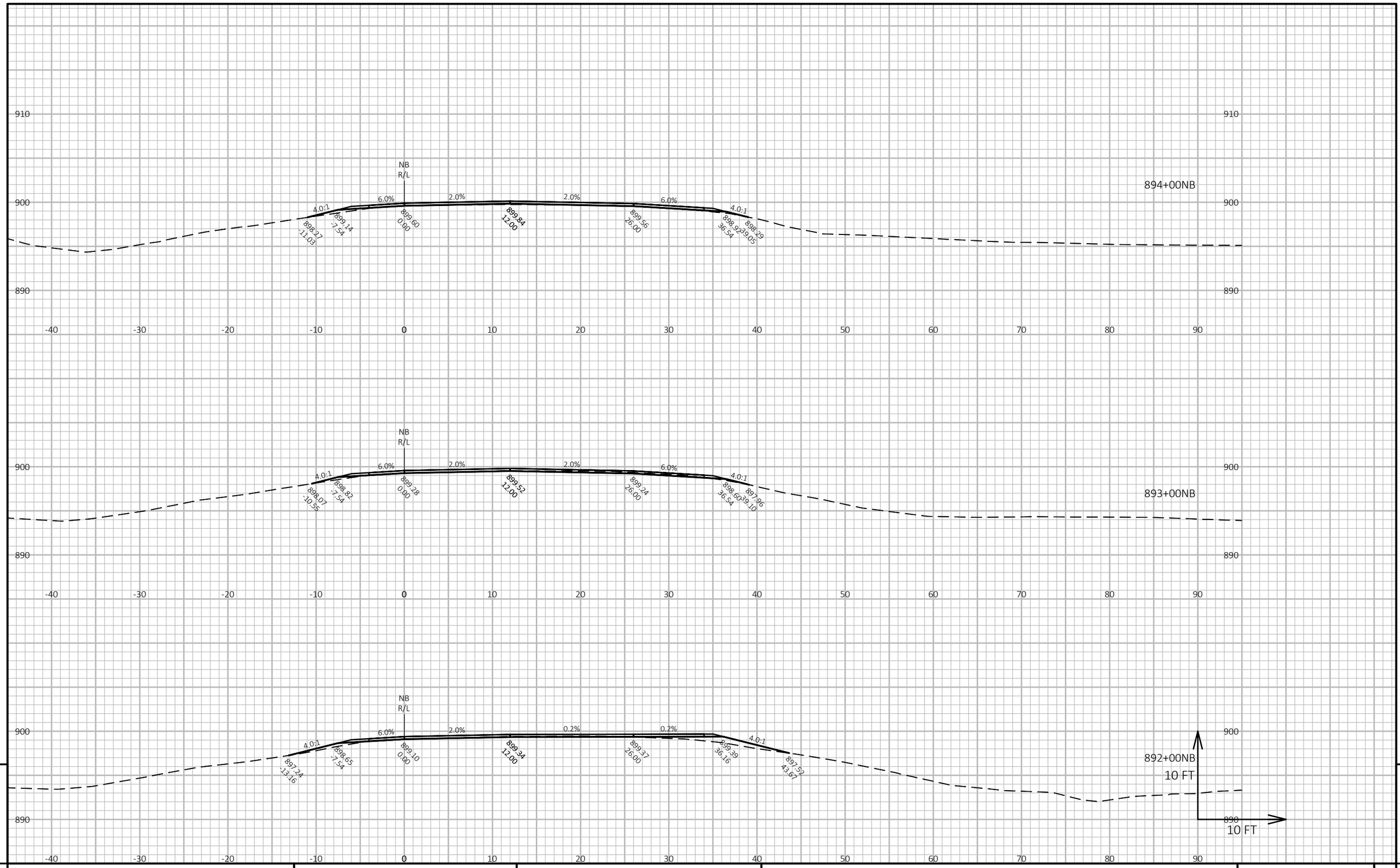


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 383 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090274_xs-NB

PLOT DATE : 4/24/2018 10:11 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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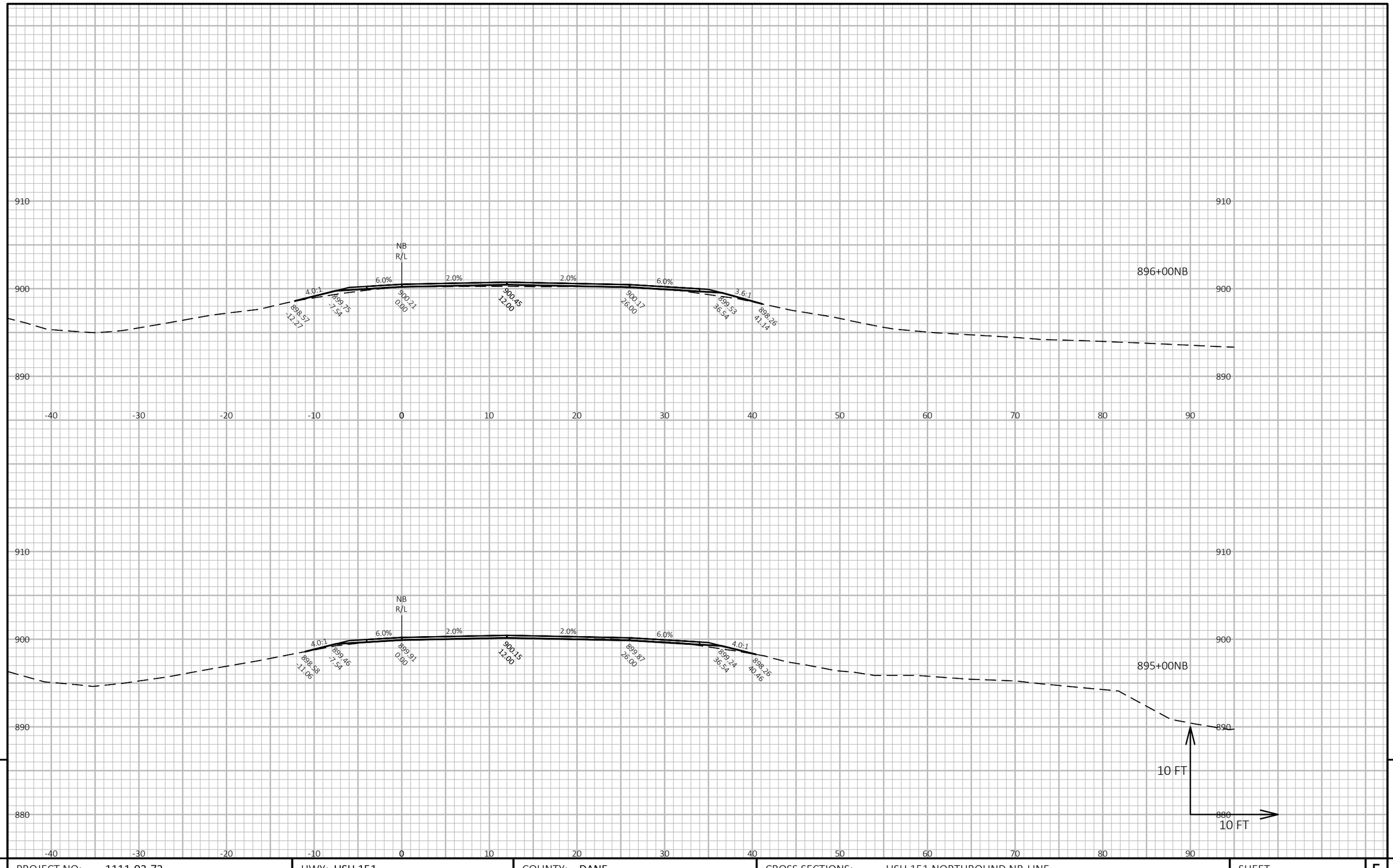
PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 384	E

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FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090275_xs-NB

PLOT DATE : 4/24/2018 10:12 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

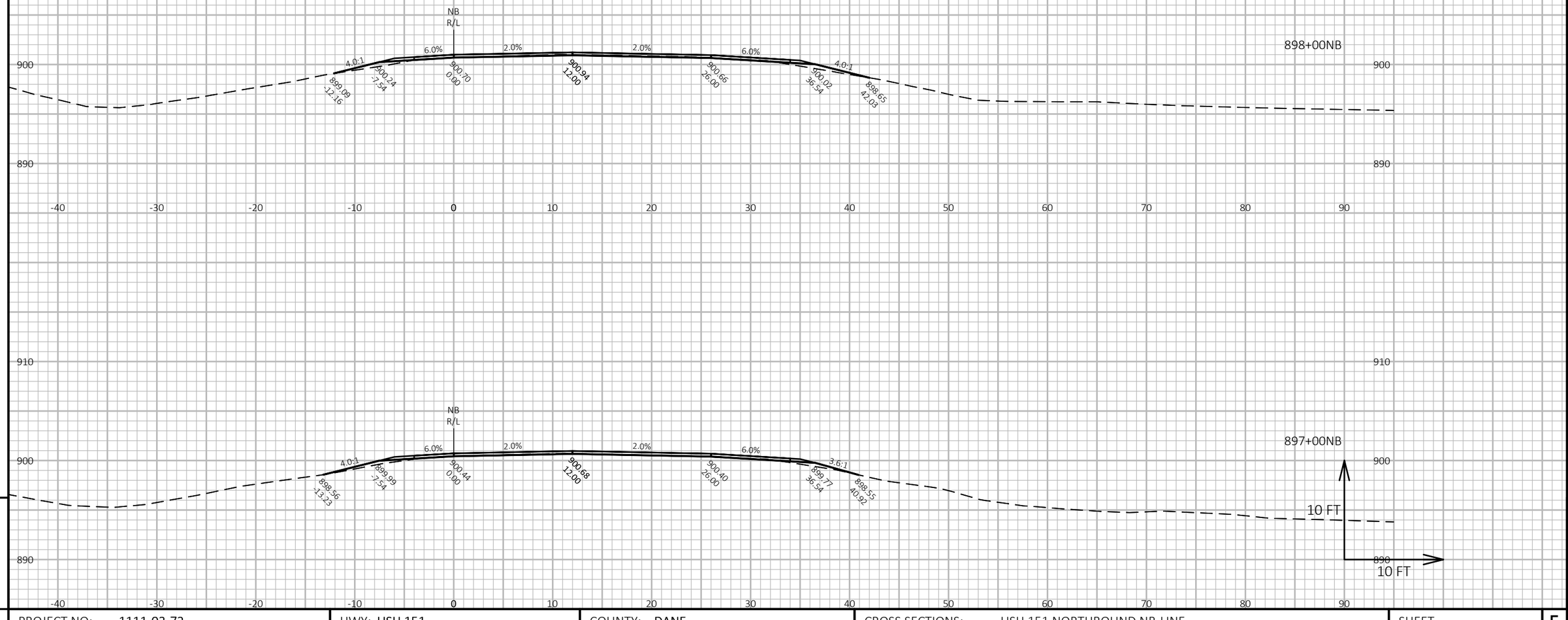
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 385	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090276_xs-NB

PLOT DATE : 4/24/2018 10:12 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 386	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090277_xs-NB

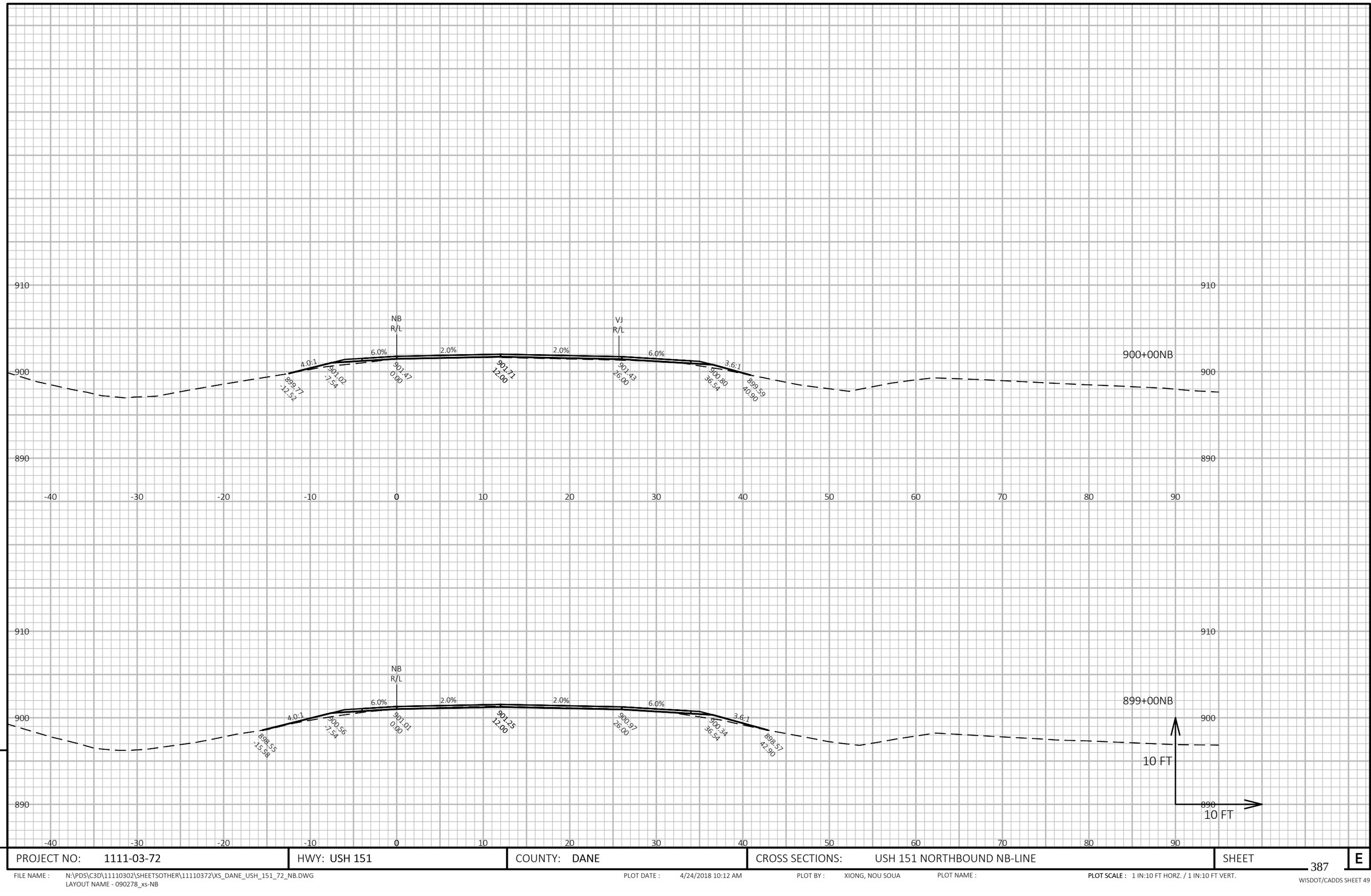
PLOT DATE : 4/24/2018 10:12 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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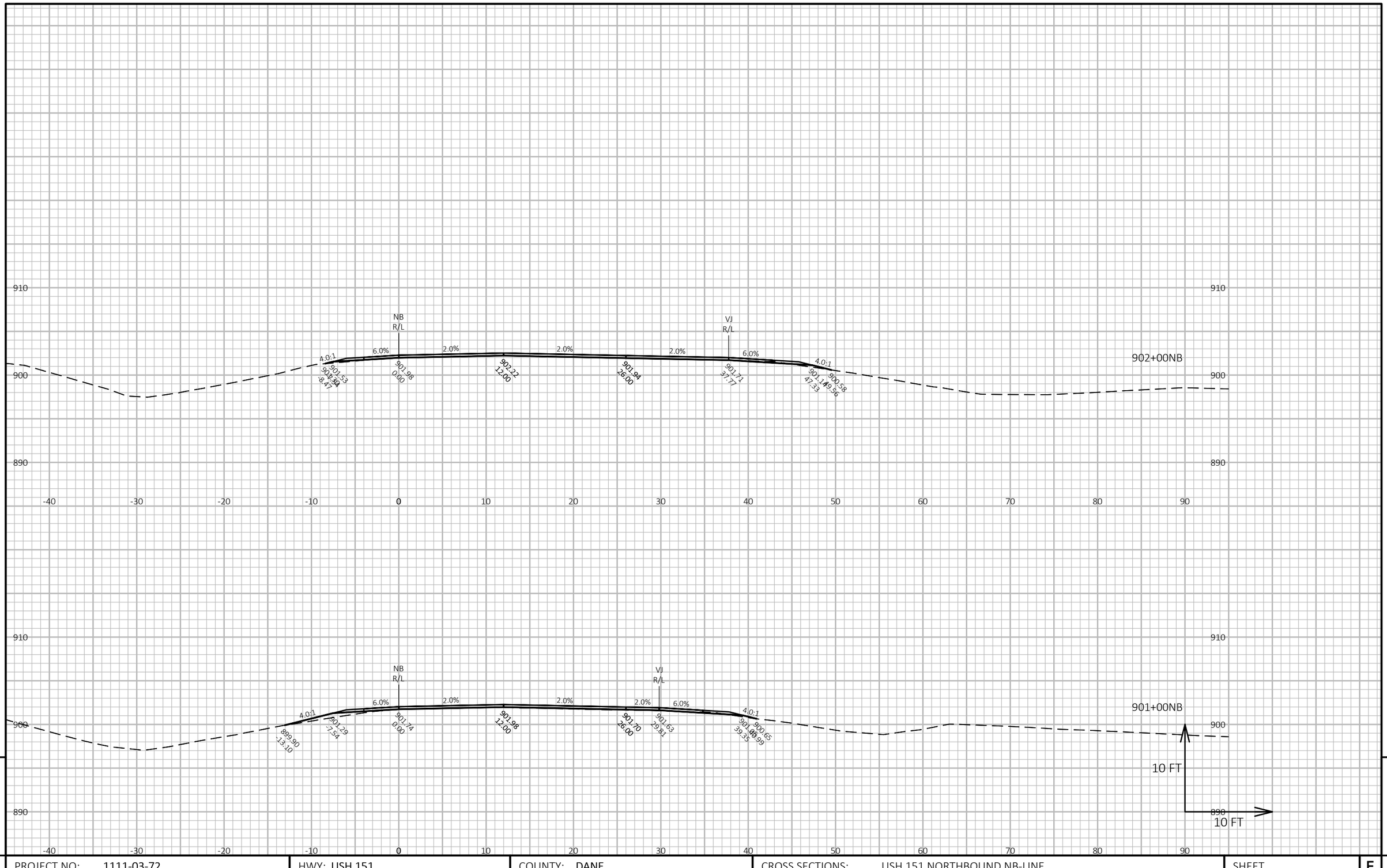
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 387	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090278_xs-NB

PLOT DATE : 4/24/2018 10:12 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

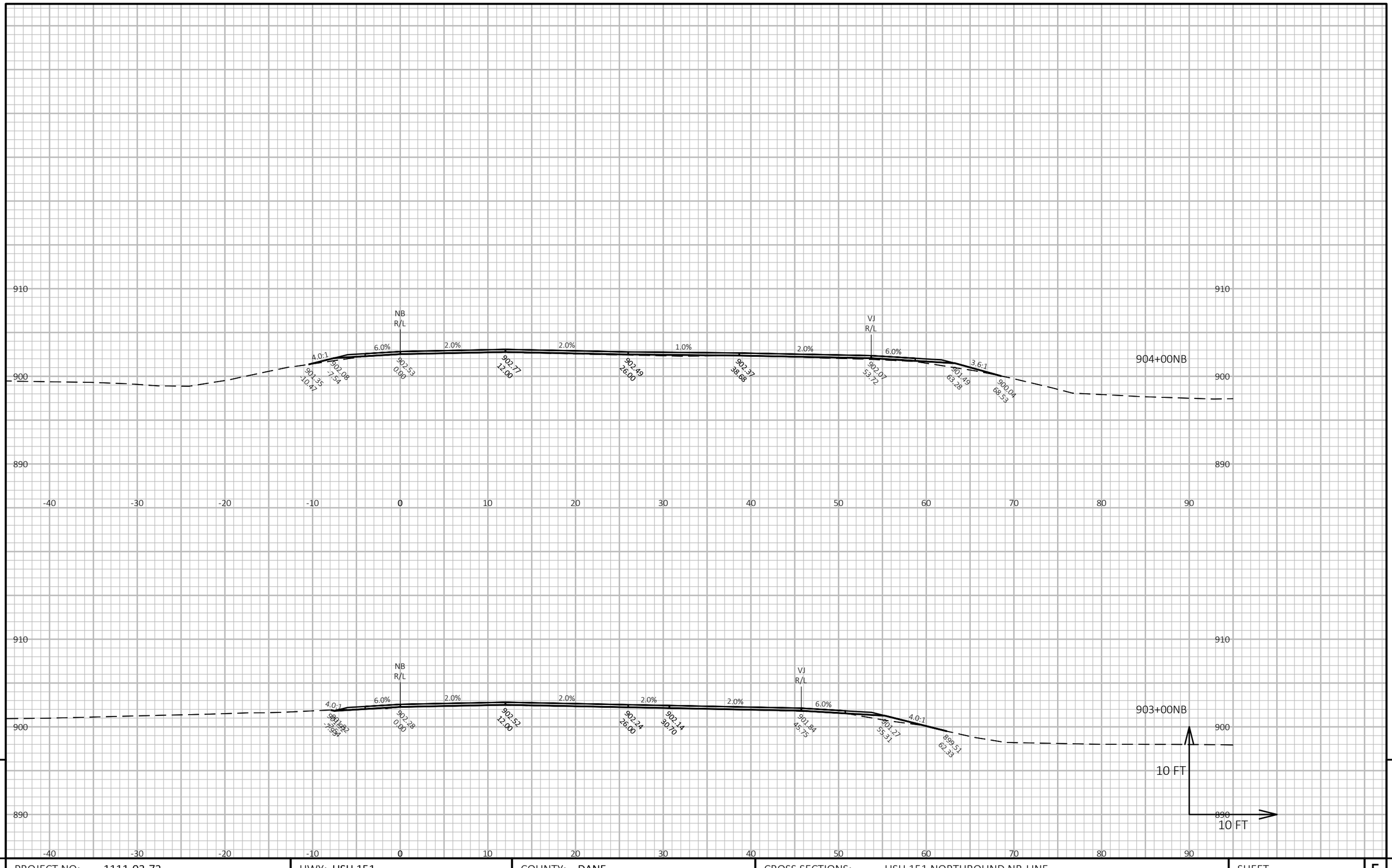


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 388 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090279_xs-NB

PLOT DATE : 4/24/2018 10:12 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

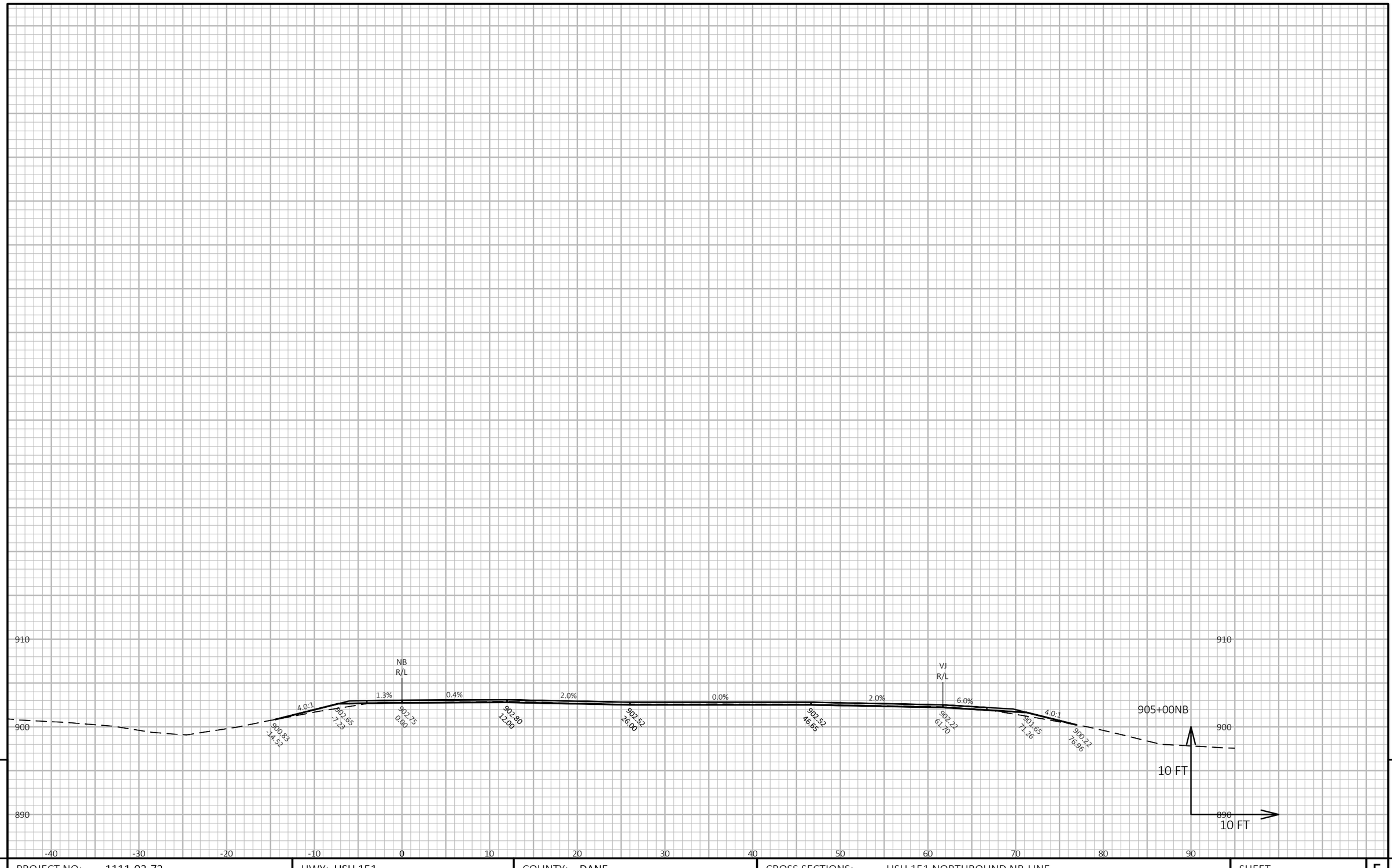


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 389 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090280_xs-NB

PLOT DATE : 4/24/2018 10:12 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

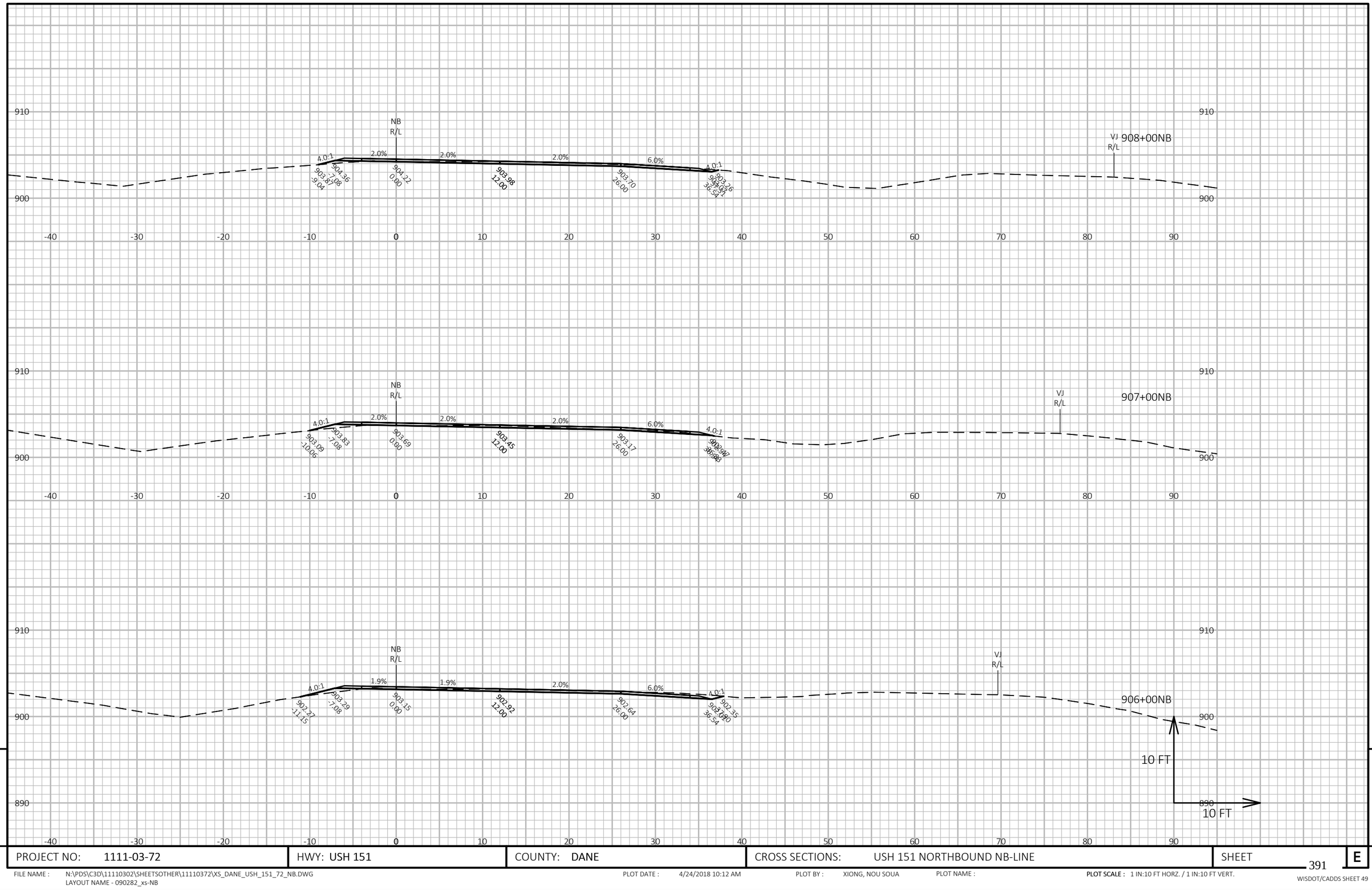


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 390 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090281_xs-NB

PLOT DATE : 4/24/2018 10:12 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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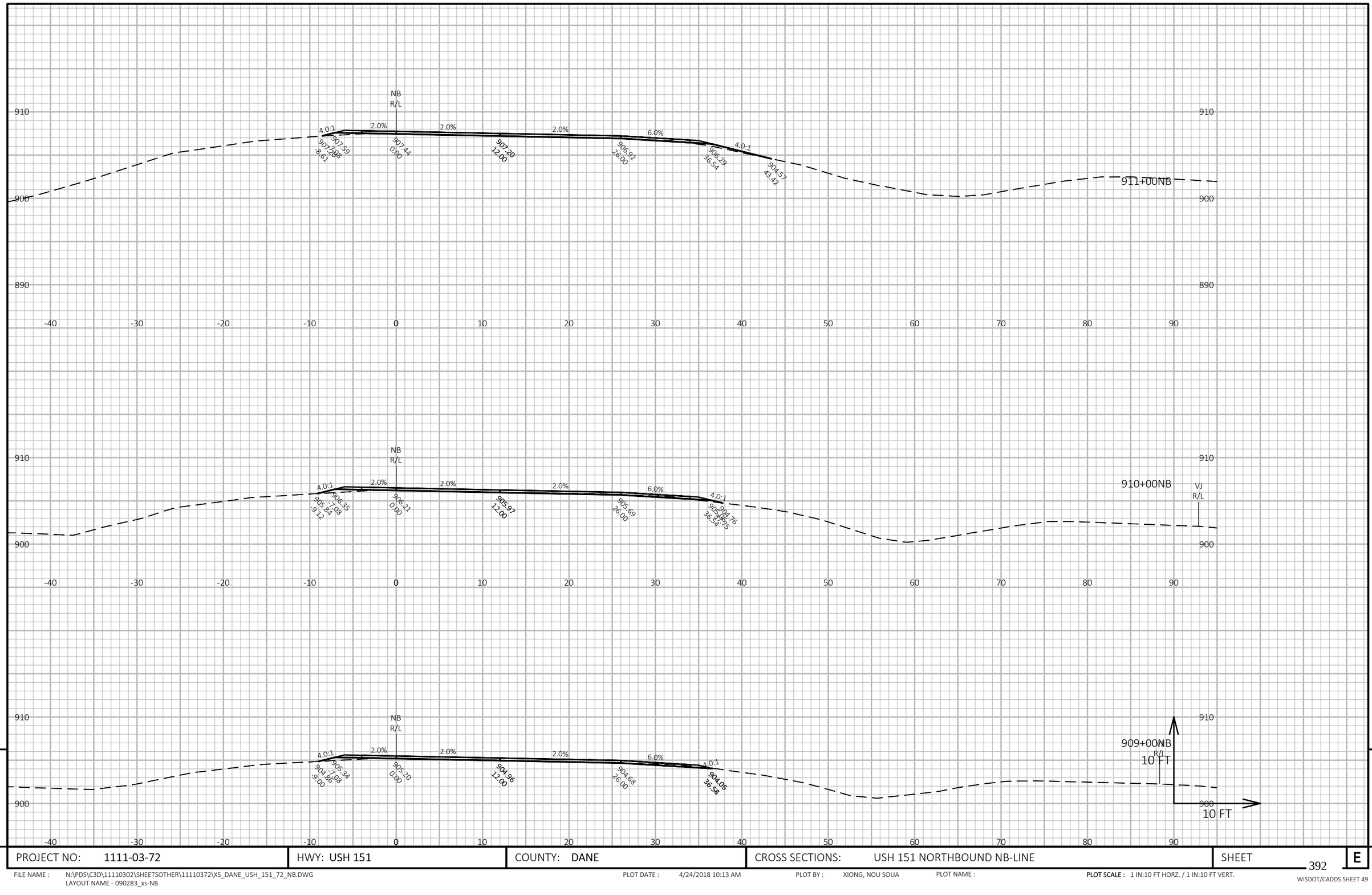
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 391	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090282_xs-NB

PLOT DATE : 4/24/2018 10:12 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

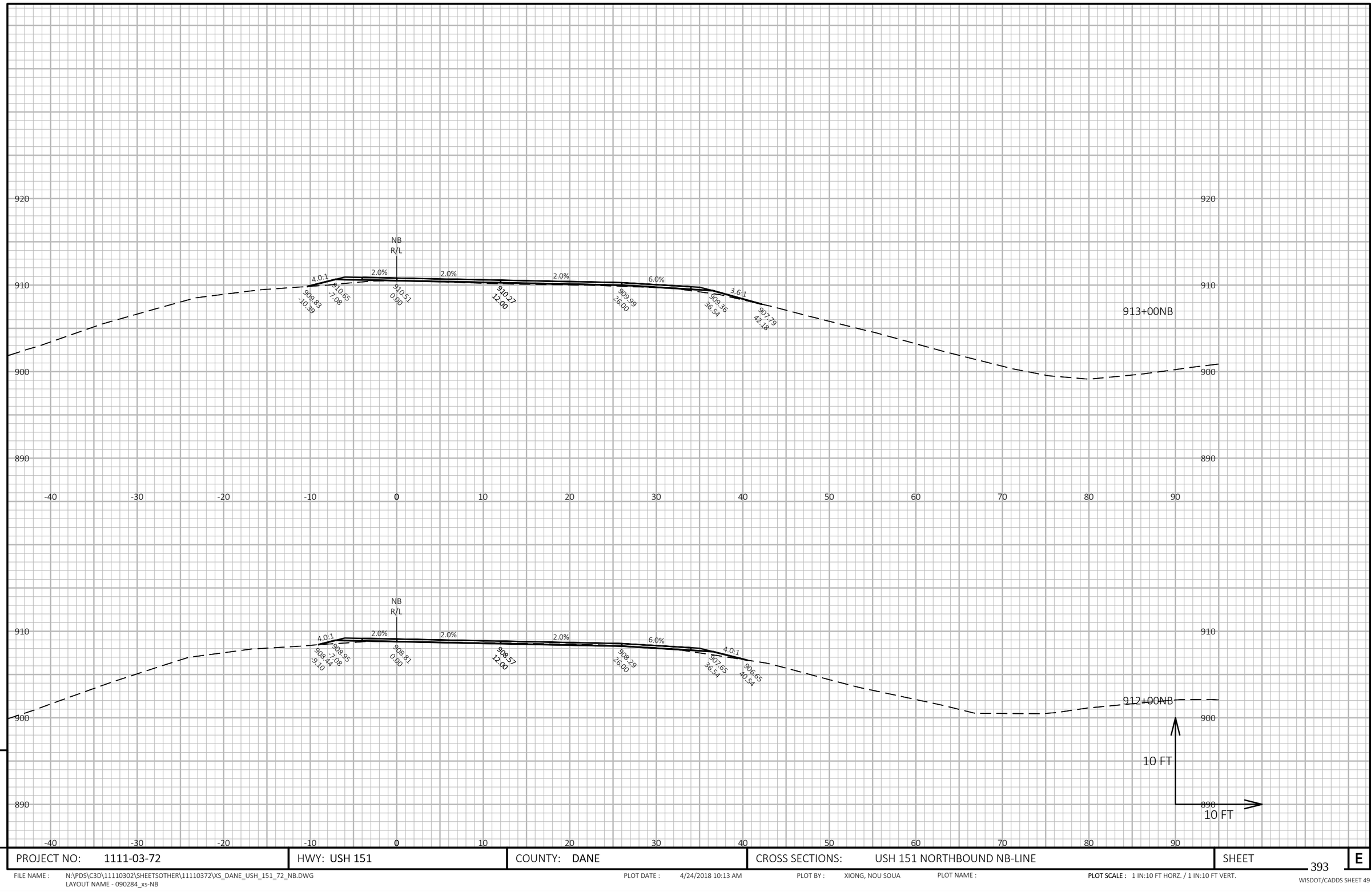


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 392 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090283_xs-NB

PLOT DATE : 4/24/2018 10:13 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

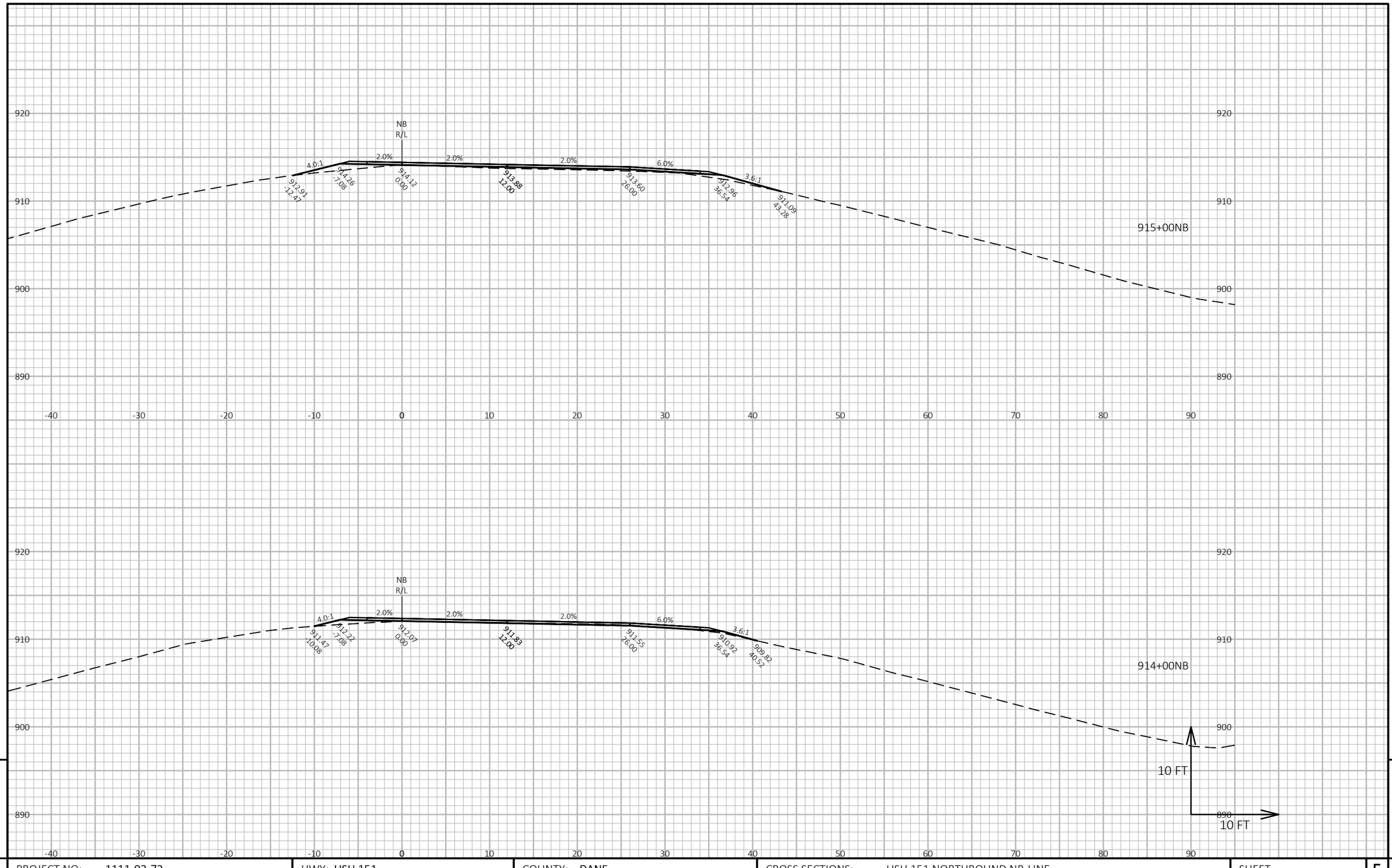


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 393 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090284_xs-NB

PLOT DATE : 4/24/2018 10:13 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 394	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090285_xs-NB

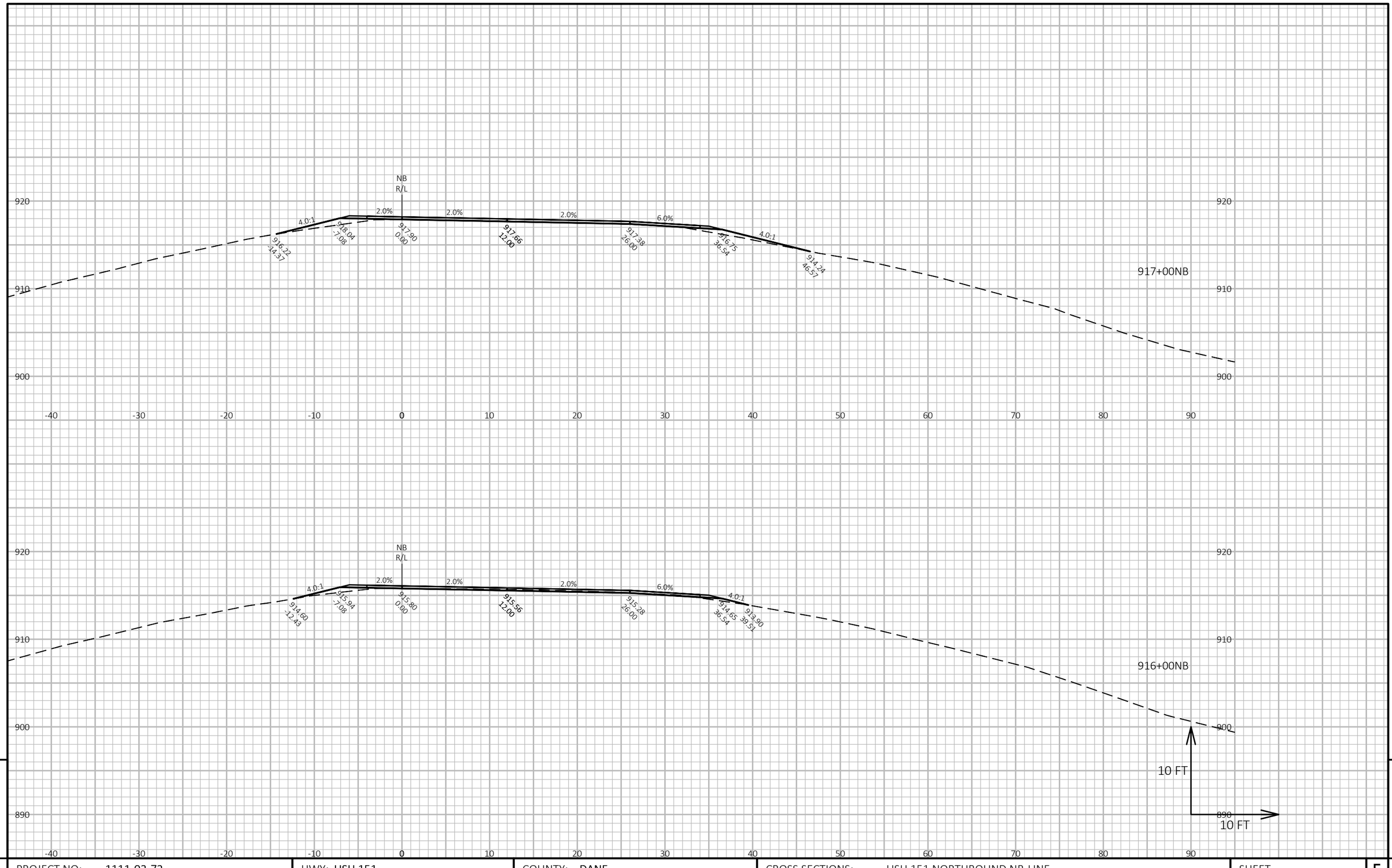
PLOT DATE : 4/24/2018 10:13 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 395	E

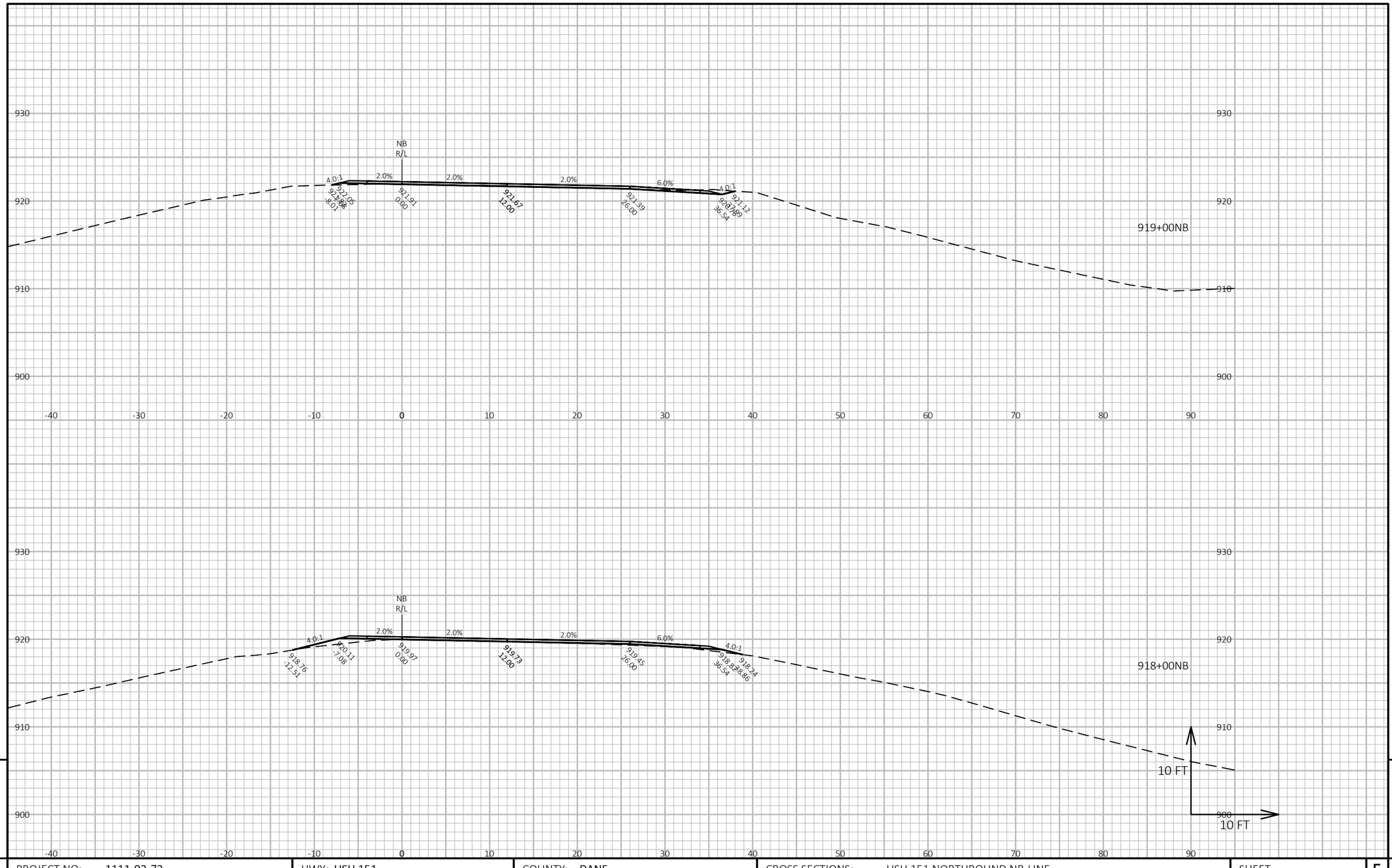
FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090286_xs-NB

PLOT DATE : 4/24/2018 10:13 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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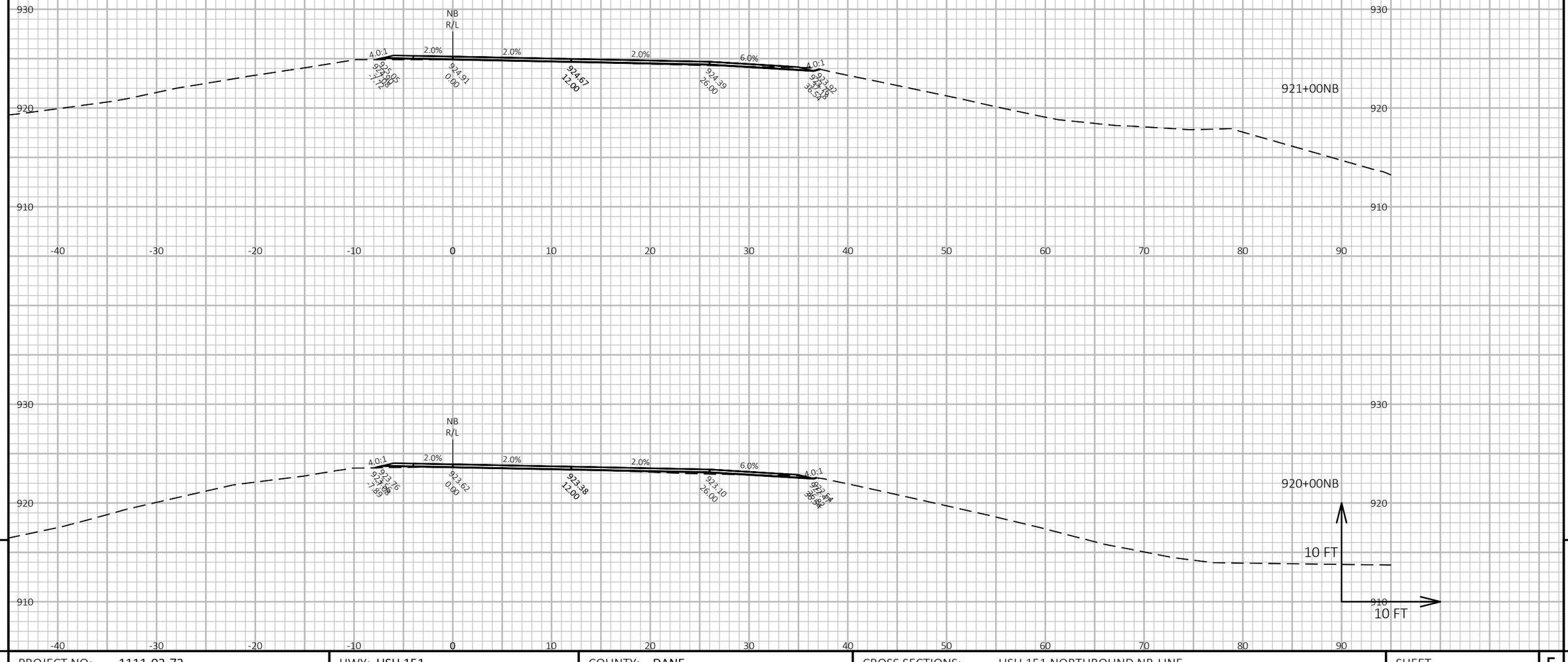
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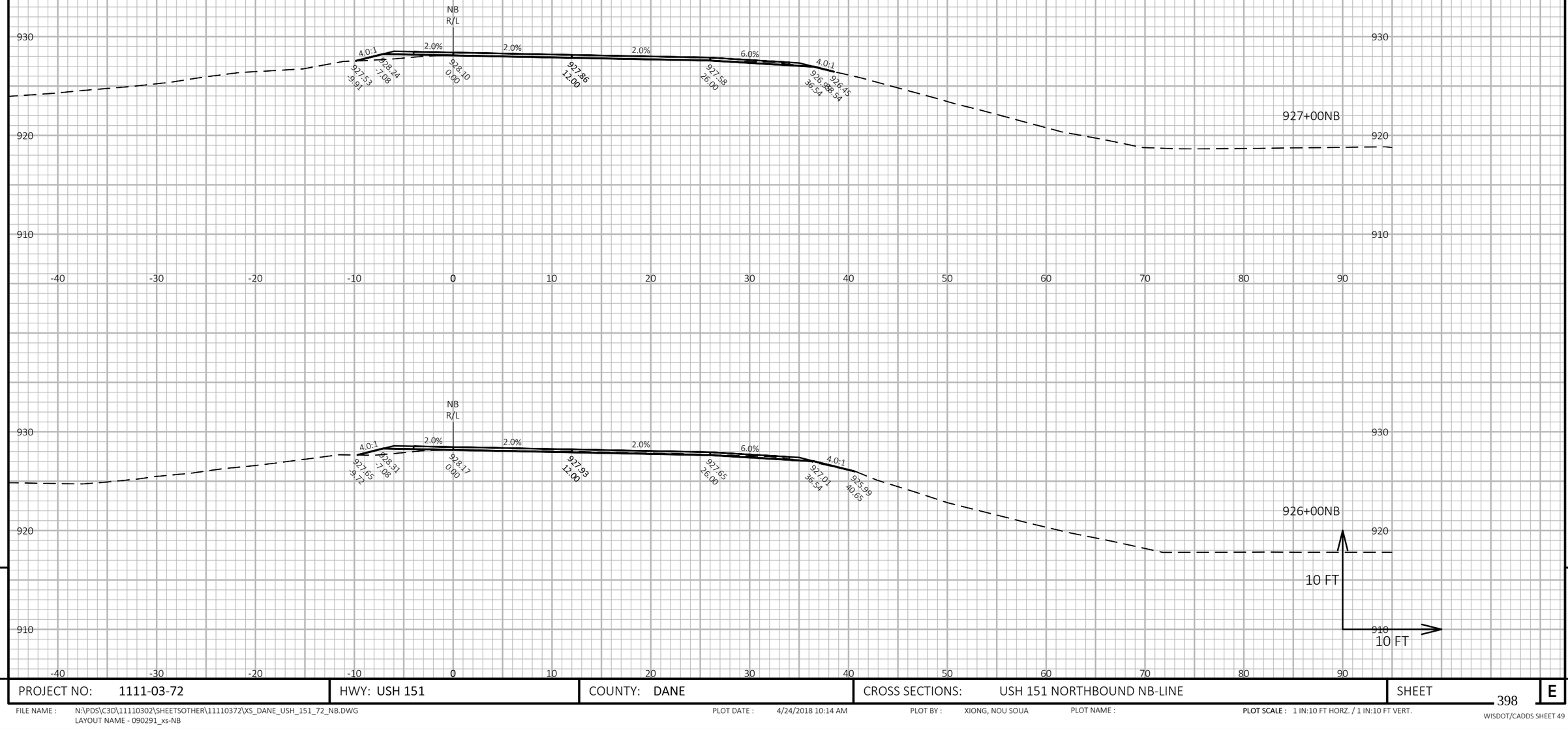
PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 396	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090287_xs-NB

PLOT DATE : 4/24/2018 10:13 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49


930
920
910
-40
-30
-20
-10
0
10
20
30
40
50
60
70
80
90
NB
R/L
4.0:1
2.0%
2.0%
2.0%
6.0%
4.0:1
924.76
7.89
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924.00

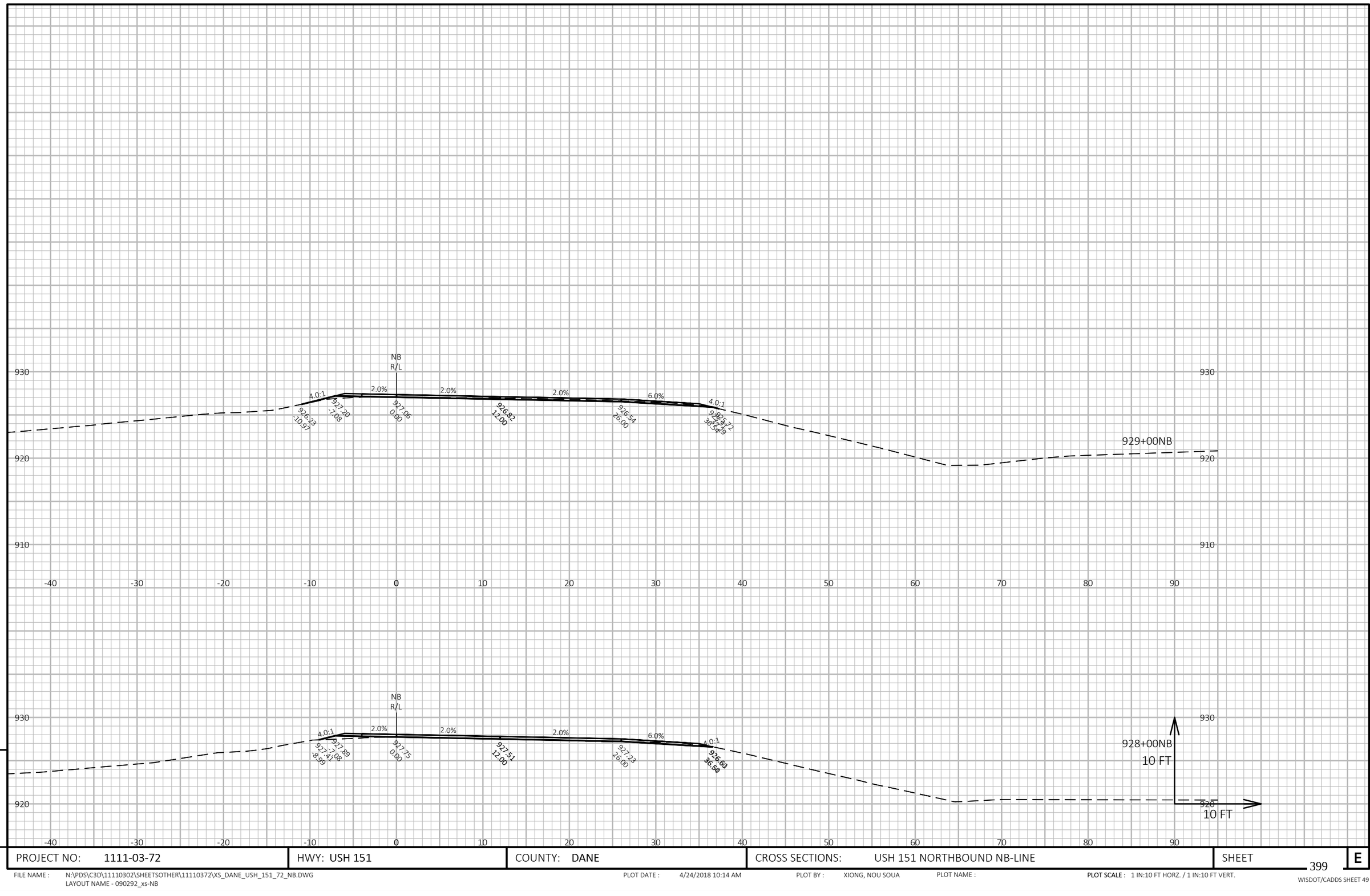


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 398

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090291_xs-NB

PLOT DATE : 4/24/2018 10:14 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



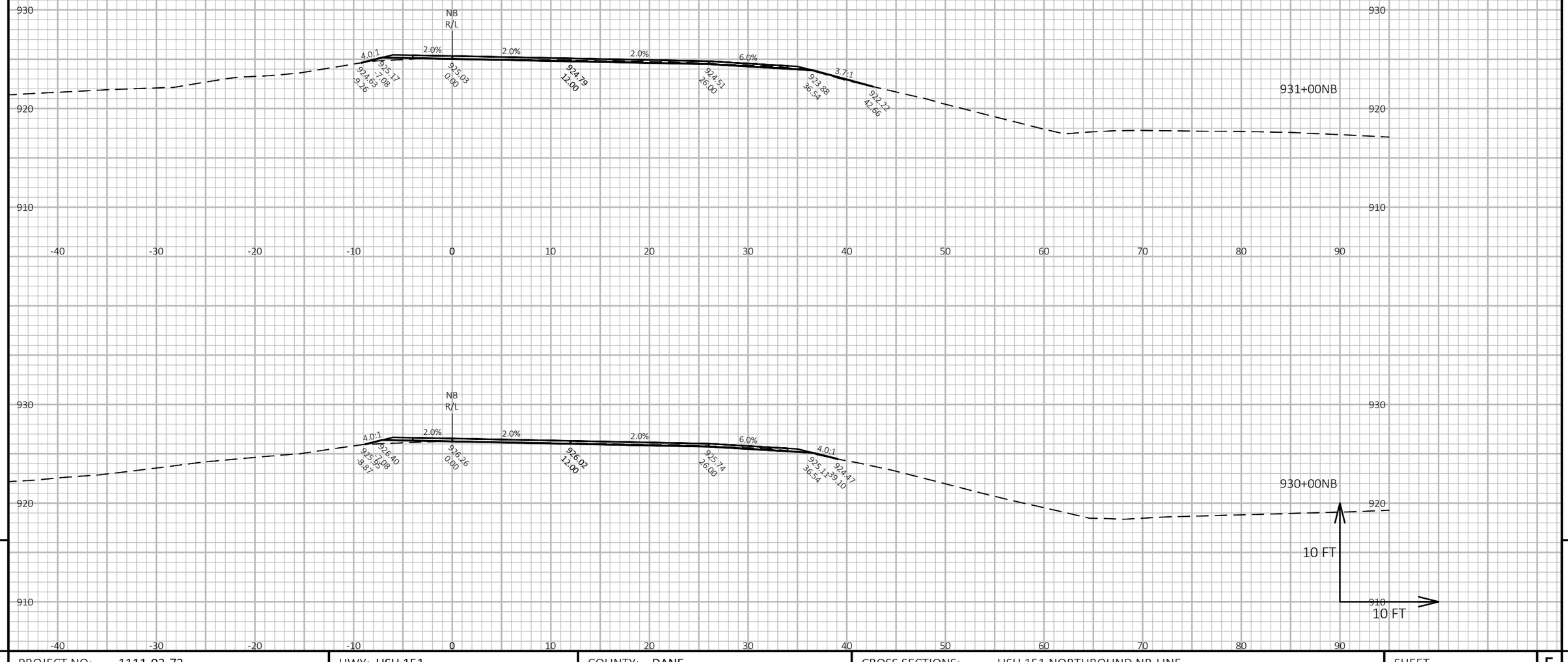
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 399	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090292_xs-NB

PLOT DATE : 4/24/2018 10:14 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 400	E

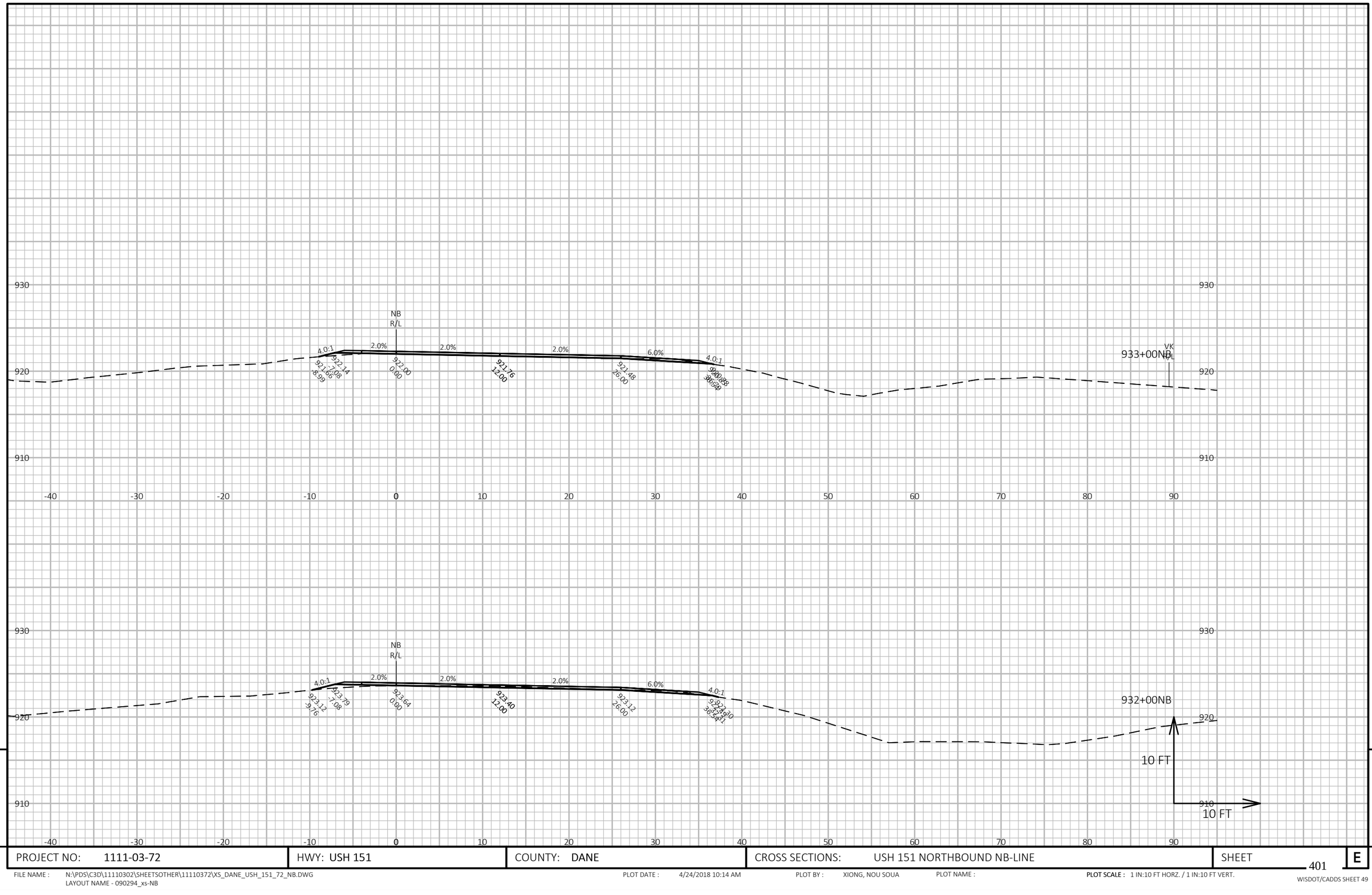
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LAYOUT NAME - 090293_xs-NB

PLOT DATE : 4/24/2018 10:14 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 401	E

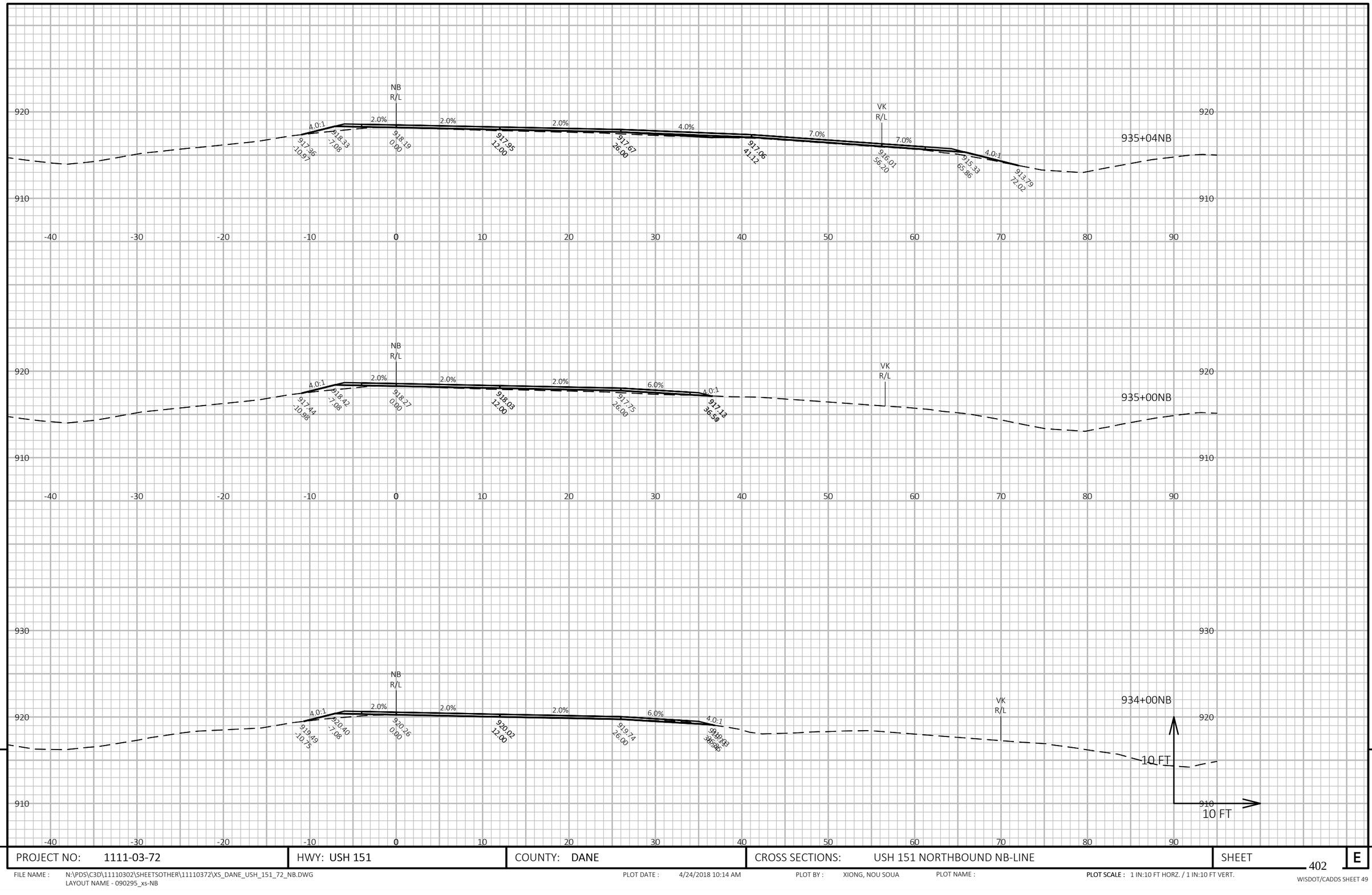
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LAYOUT NAME - 090294_xs-NB

PLOT DATE : 4/24/2018 10:14 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 402	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090295_xs-NB

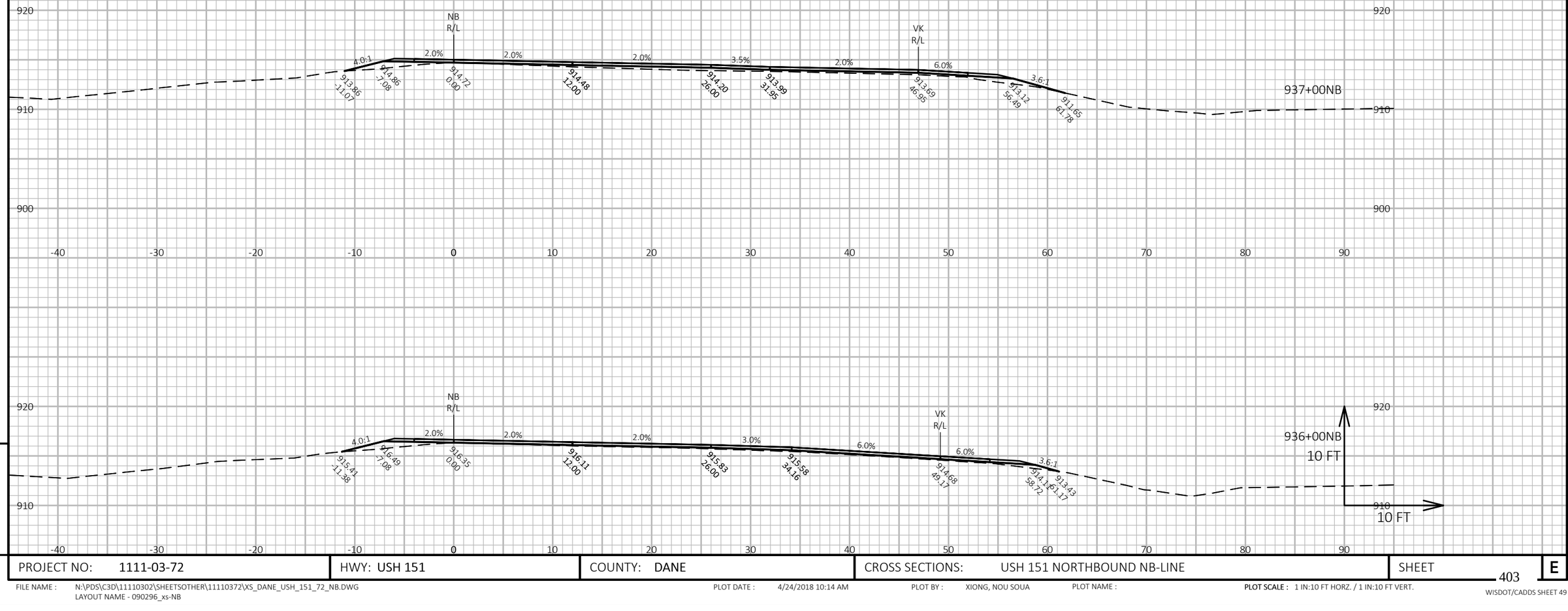
PLOT DATE : 4/24/2018 10:14 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

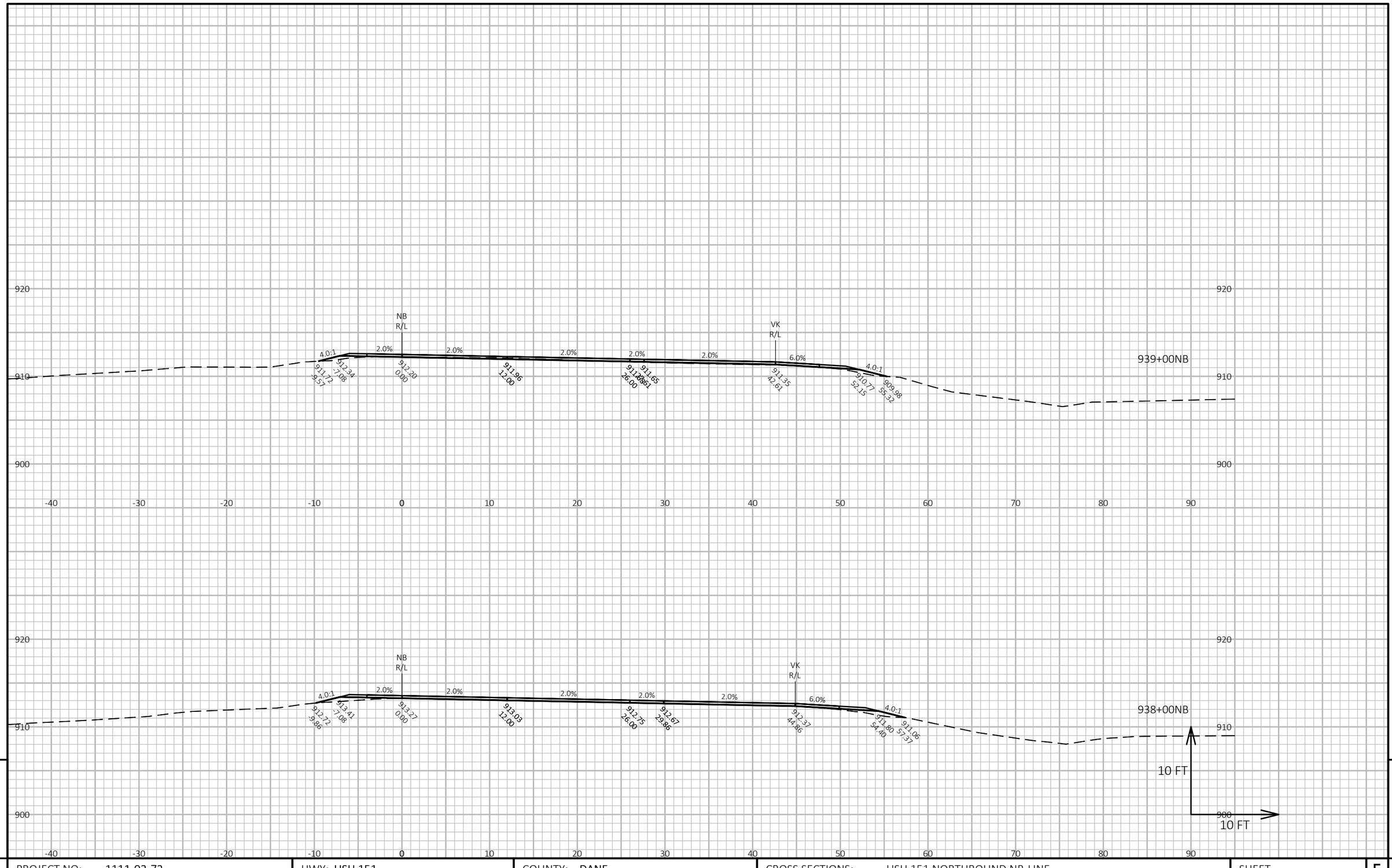


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 403	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090296_xs-NB

PLOT DATE : 4/24/2018 10:14 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

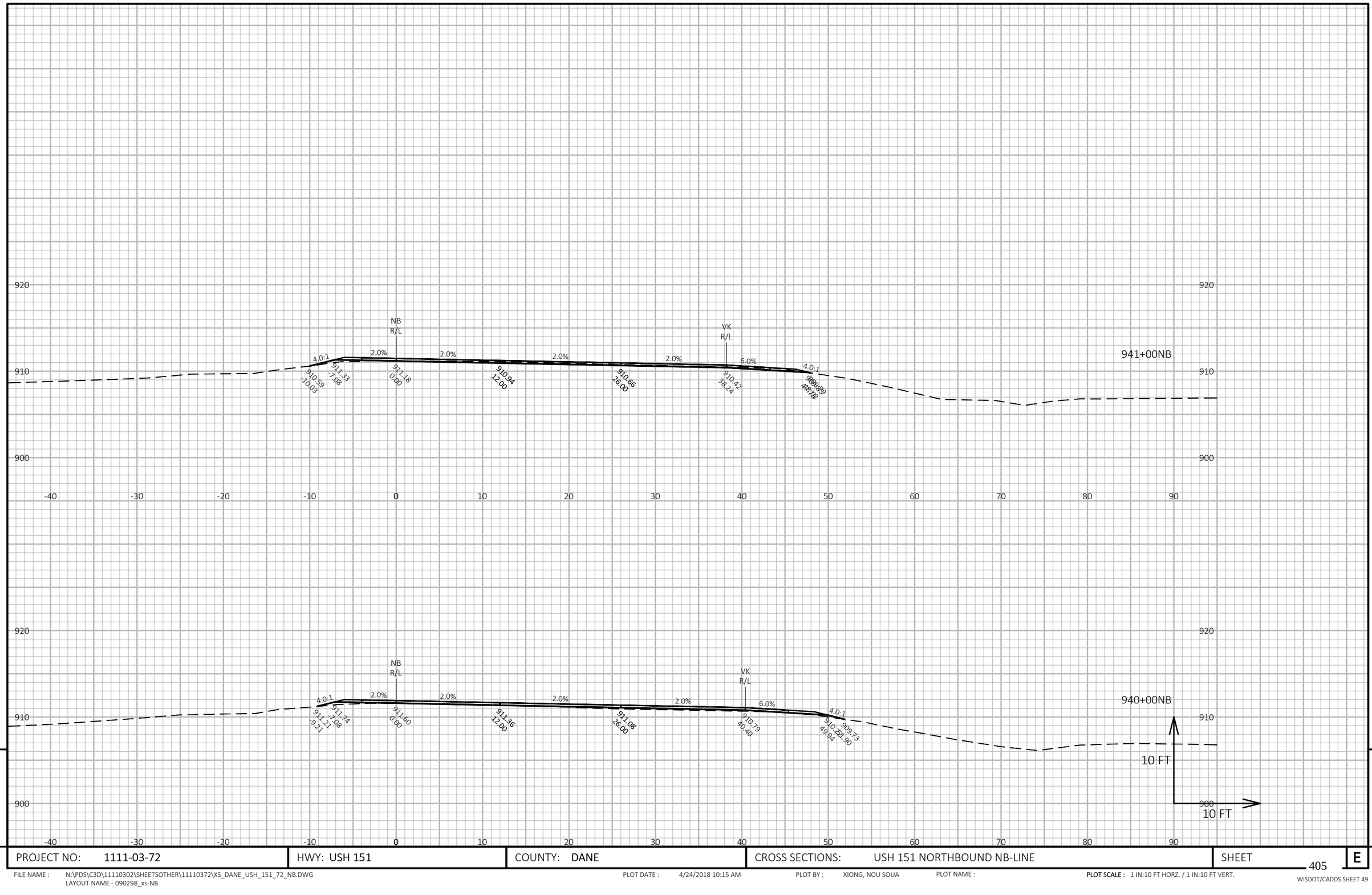


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 404 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090297_xs-NB

PLOT DATE : 4/24/2018 10:14 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



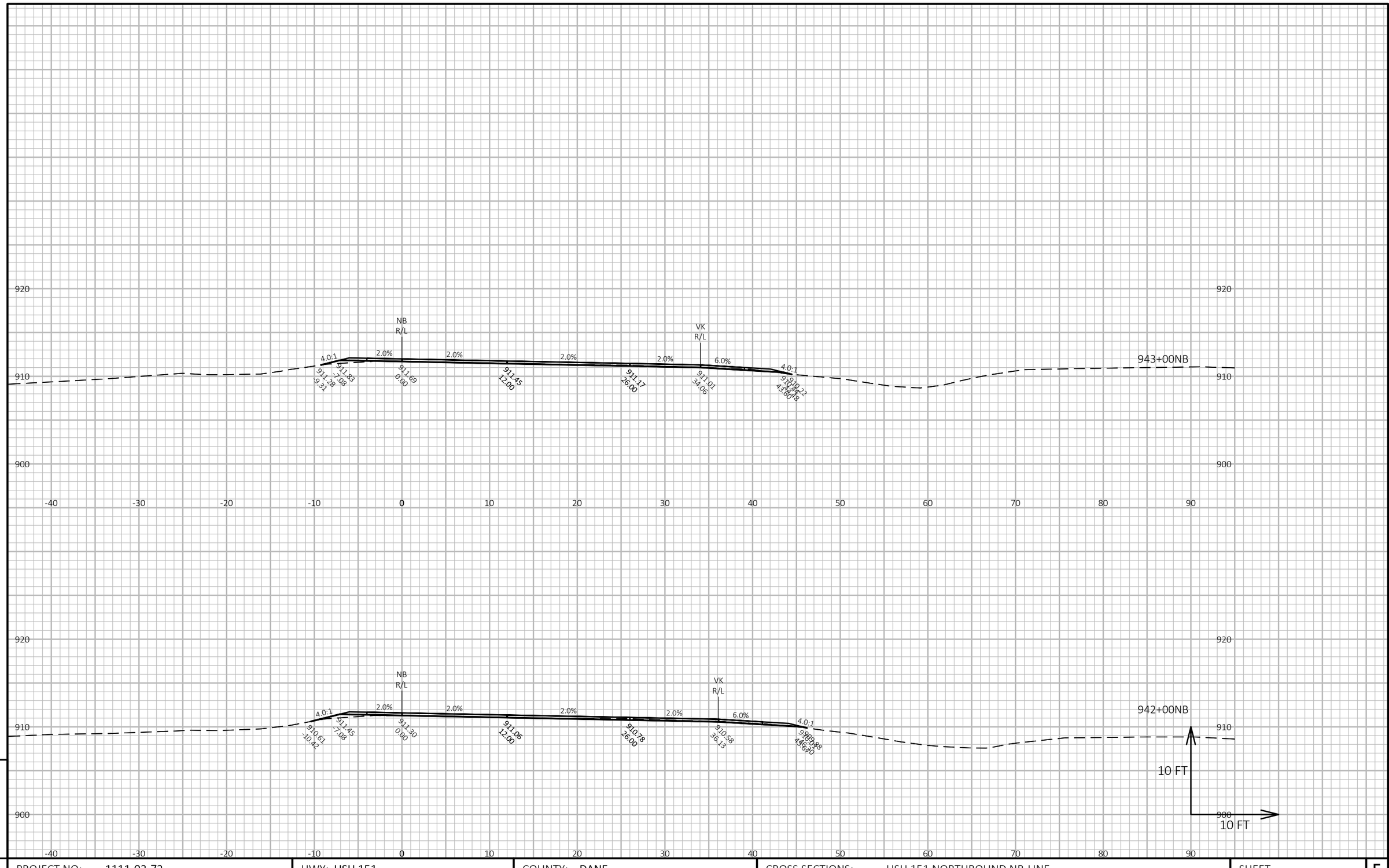
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 405 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090298_xs-NB

PLOT DATE : 4/24/2018 10:15 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

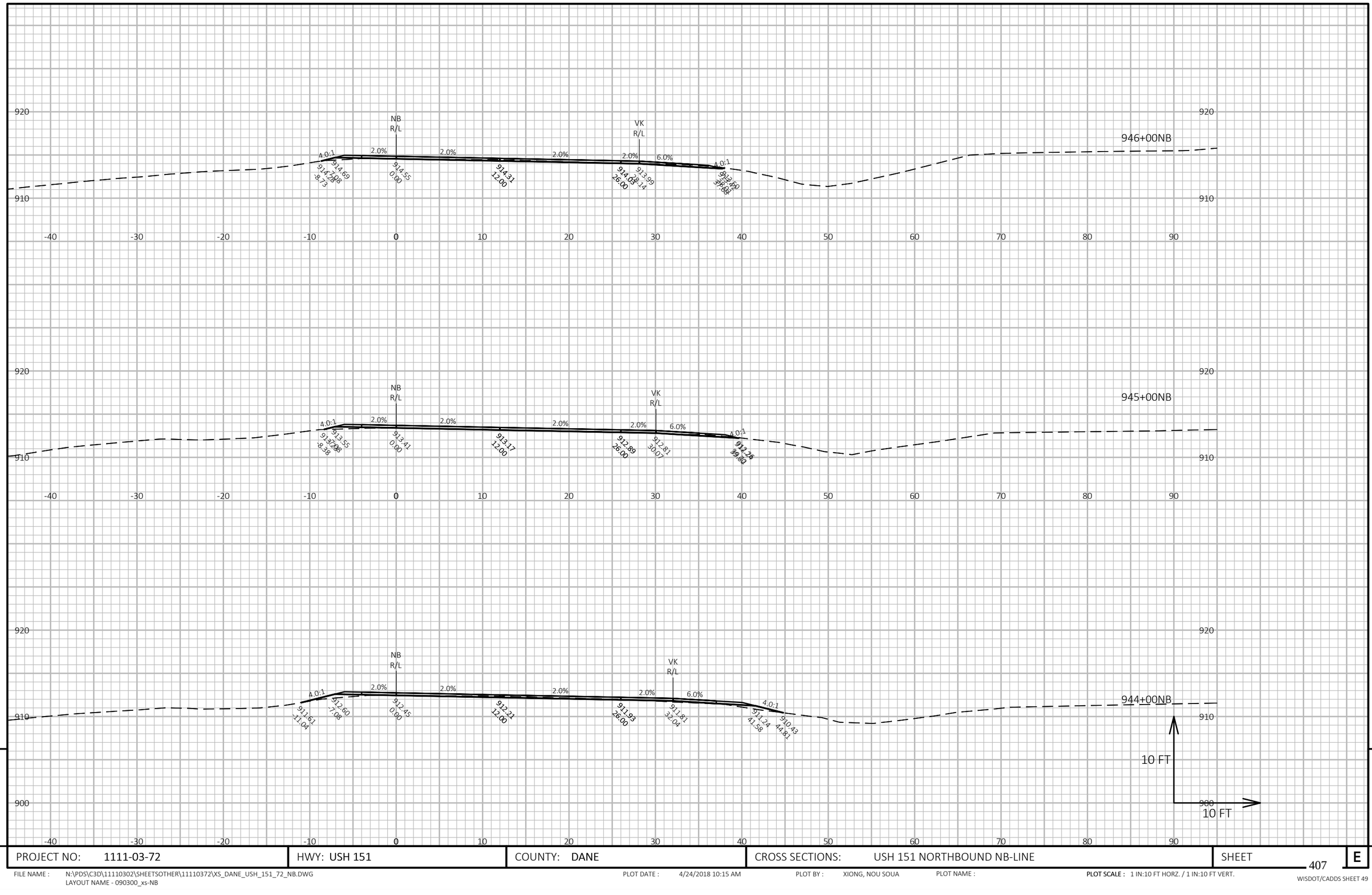


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 406 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090299_xs-NB

PLOT DATE : 4/24/2018 10:15 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



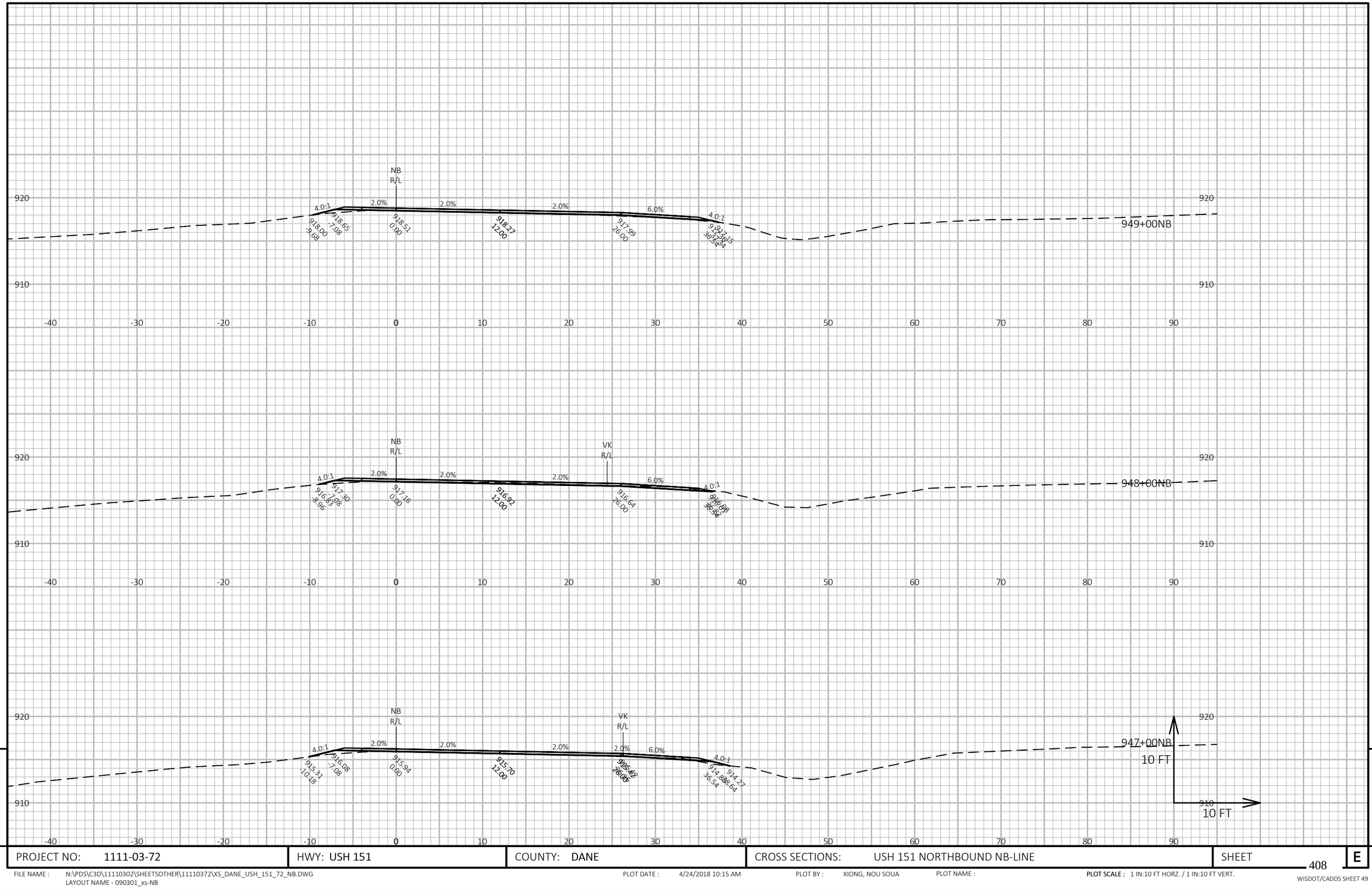
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 407	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090300_xs-NB

PLOT DATE : 4/24/2018 10:15 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

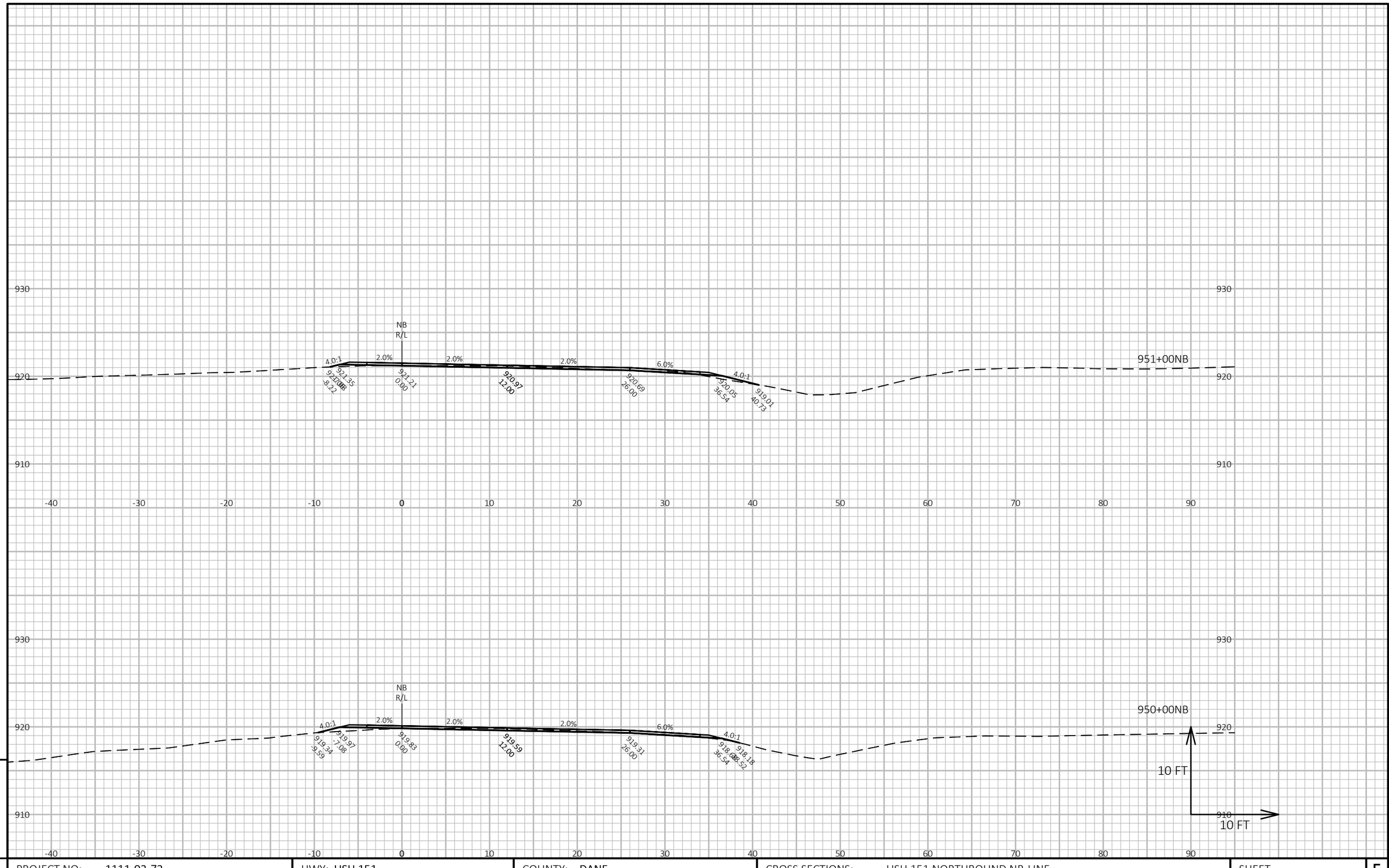


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 408	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090301_xs-NB

PLOT DATE : 4/24/2018 10:15 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



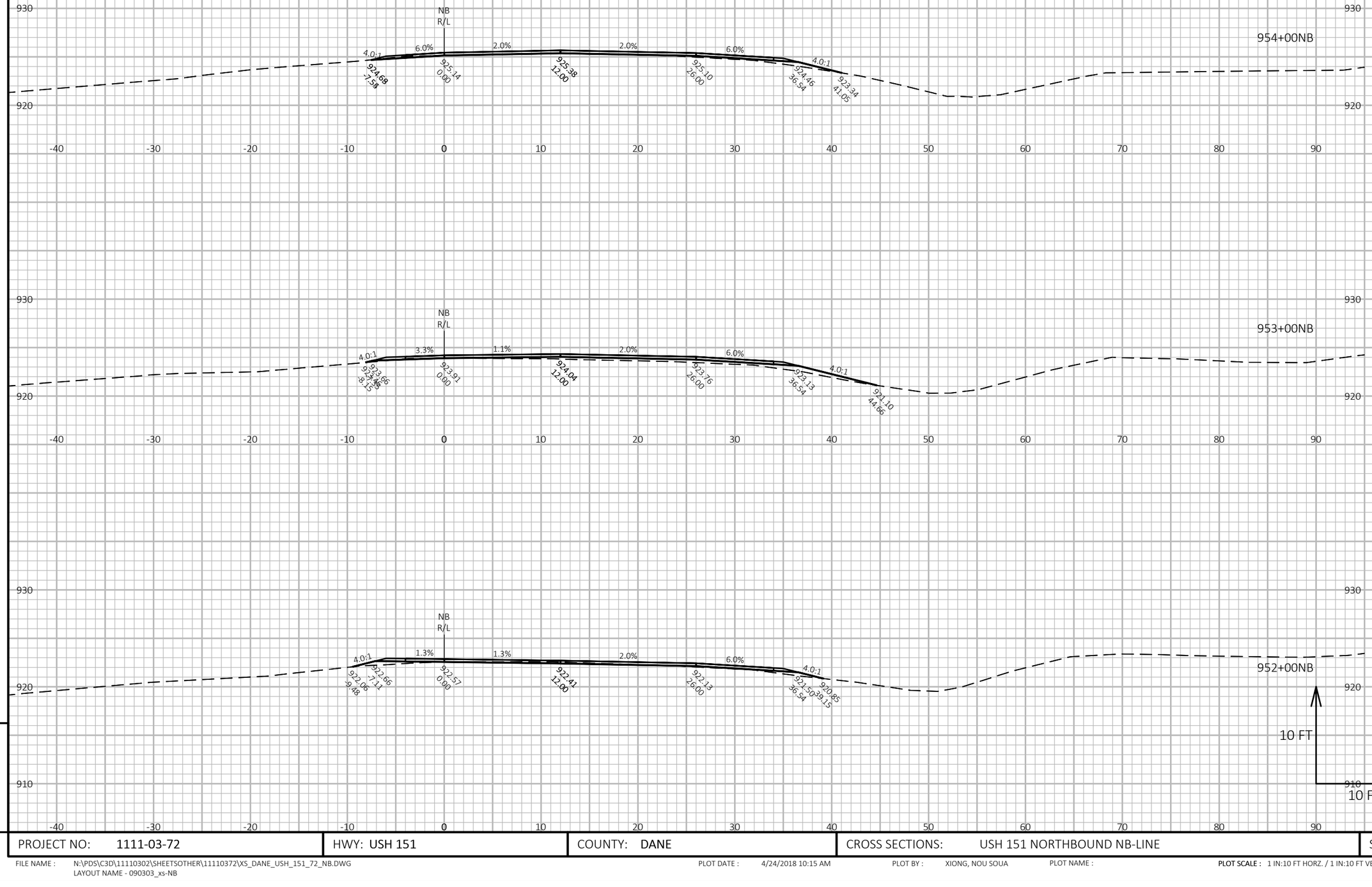
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 409 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090302_xs-NB

PLOT DATE : 4/24/2018 10:15 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

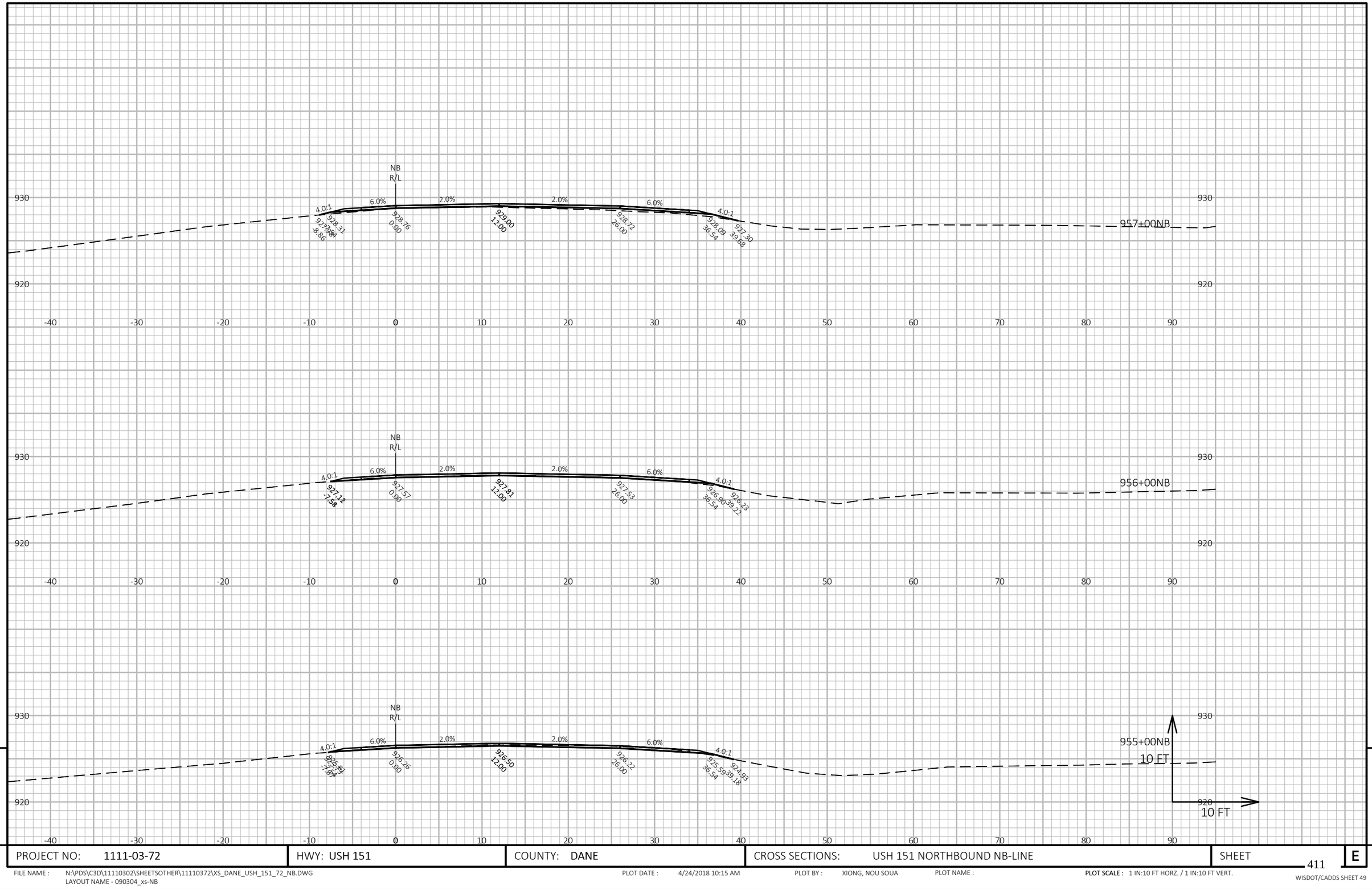


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 410	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090303_xs-NB

PLOT DATE : 4/24/2018 10:15 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

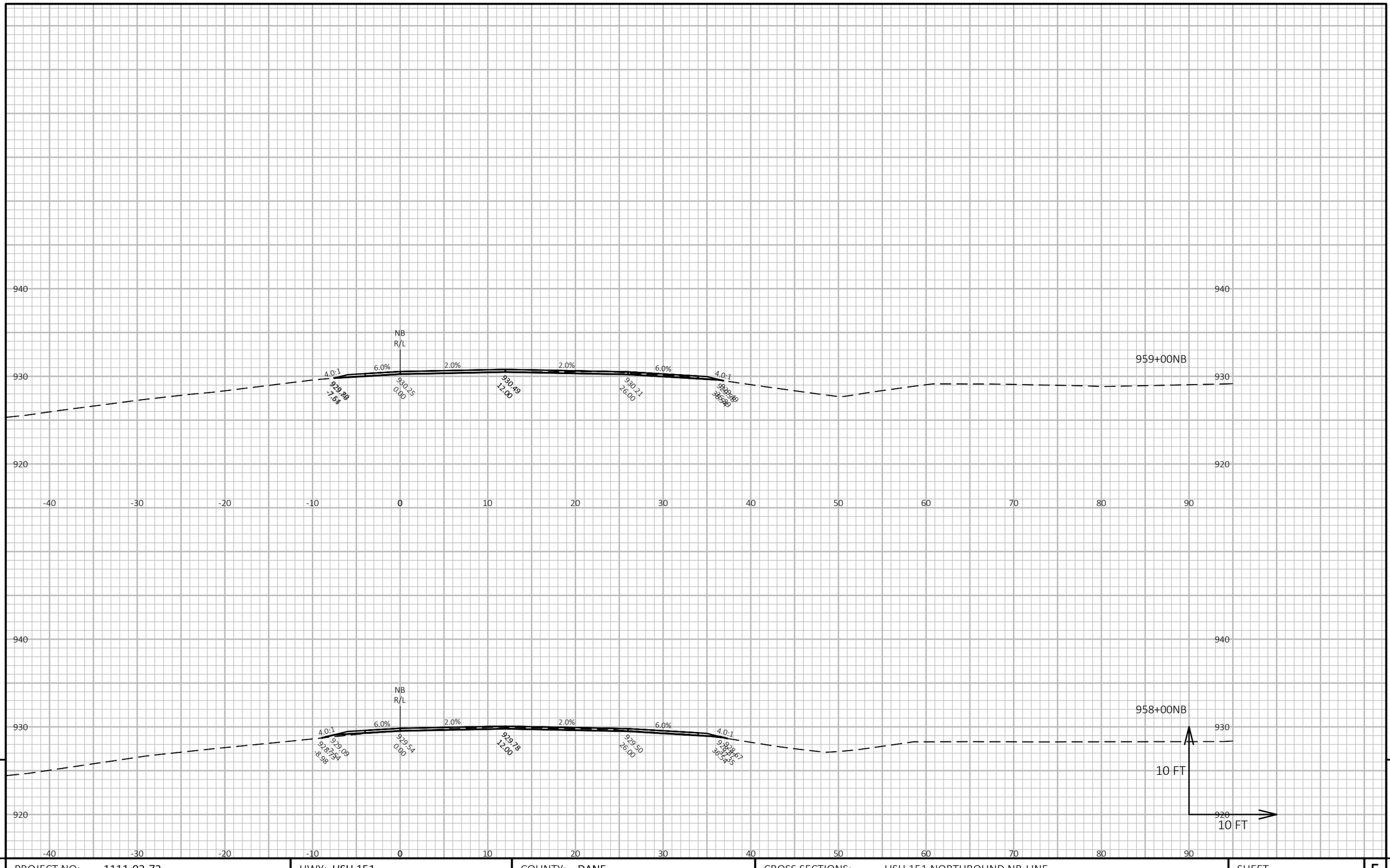


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 411	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090304_xs-NB

PLOT DATE : 4/24/2018 10:15 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 412	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090305_xs-NB

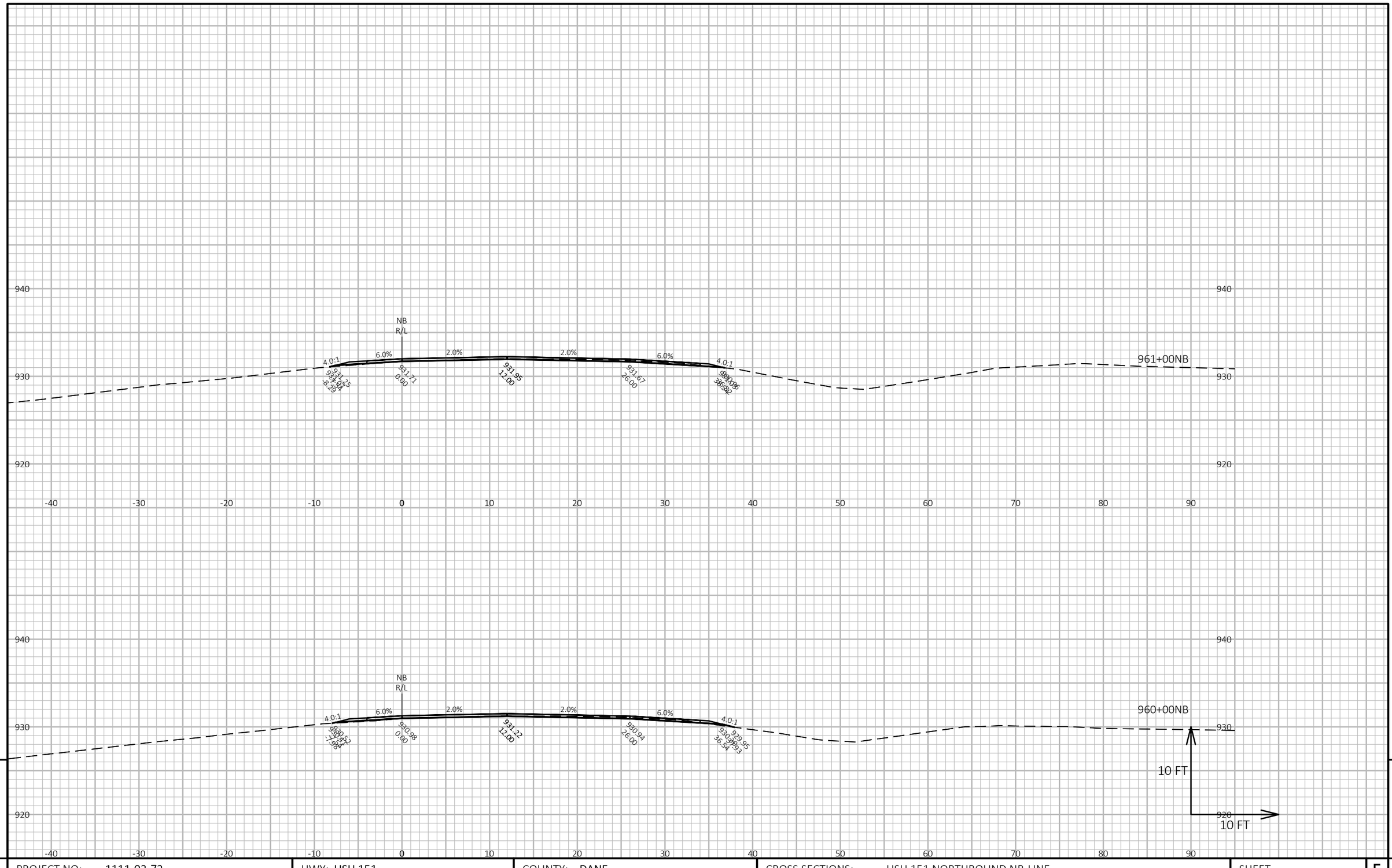
PLOT DATE : 4/24/2018 10:15 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

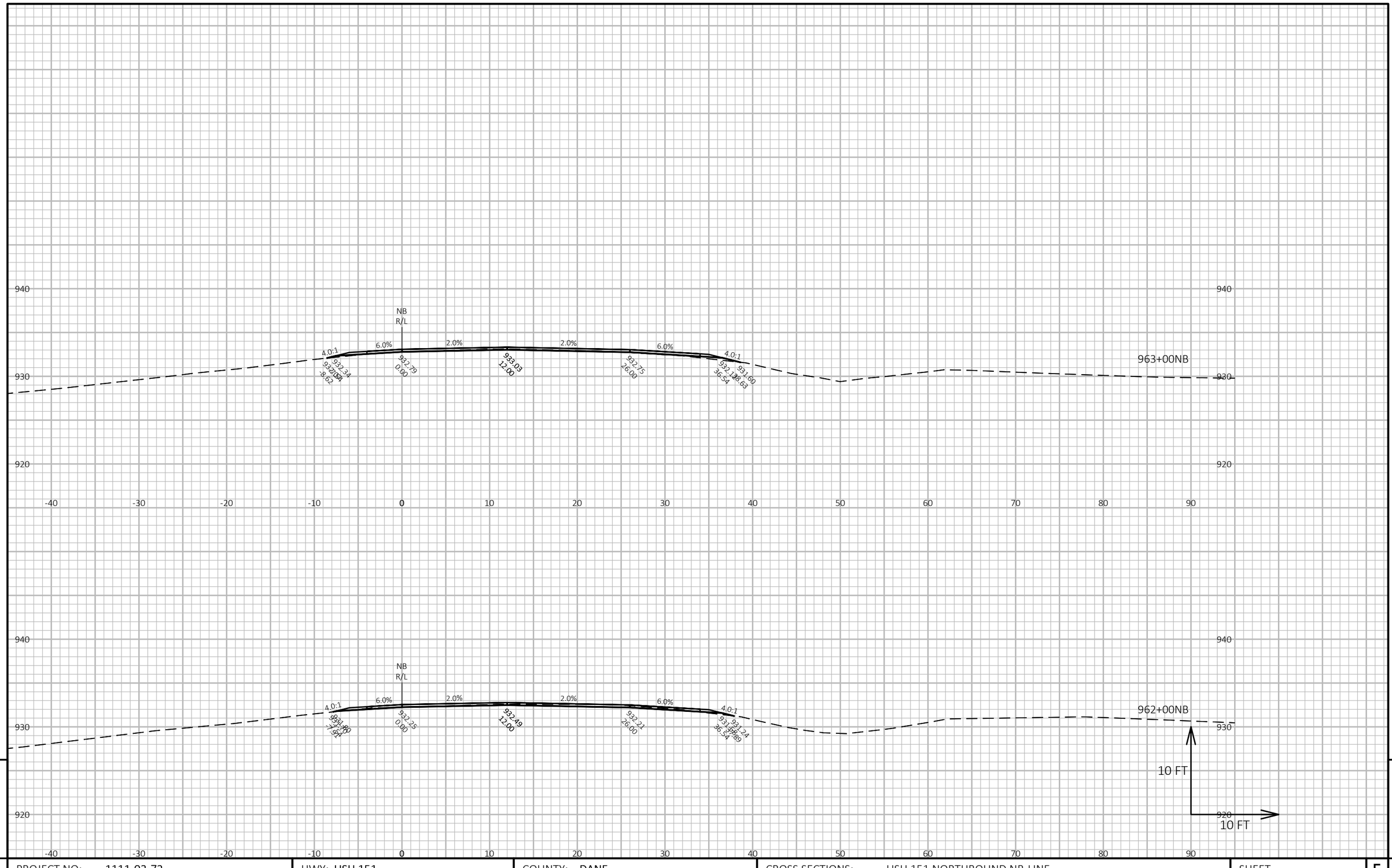


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 413 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090306_xs-NB

PLOT DATE : 4/24/2018 10:16 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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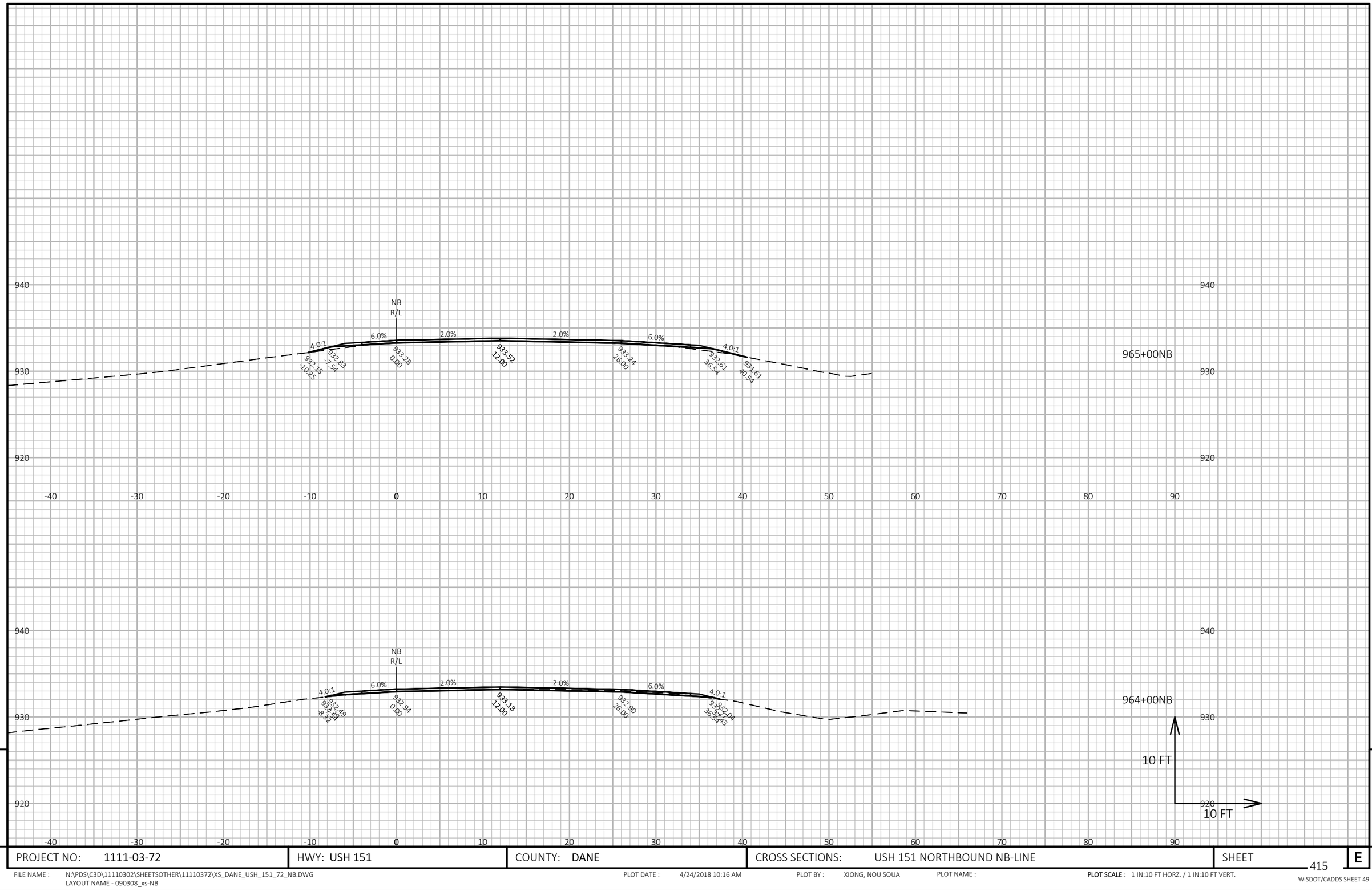
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 414	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090307_xs-NB

PLOT DATE : 4/24/2018 10:16 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



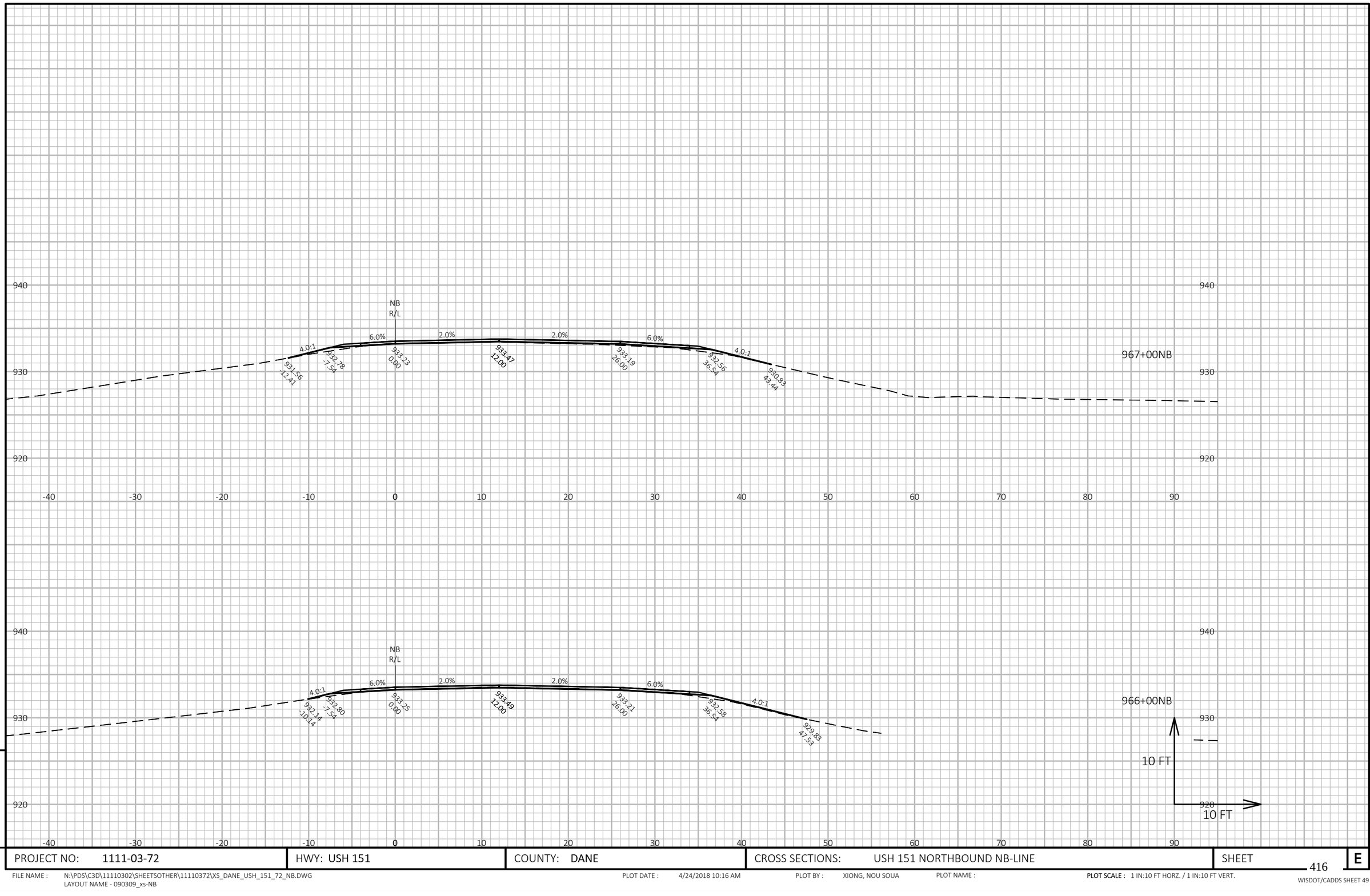
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 415 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090308_xs-NB

PLOT DATE : 4/24/2018 10:16 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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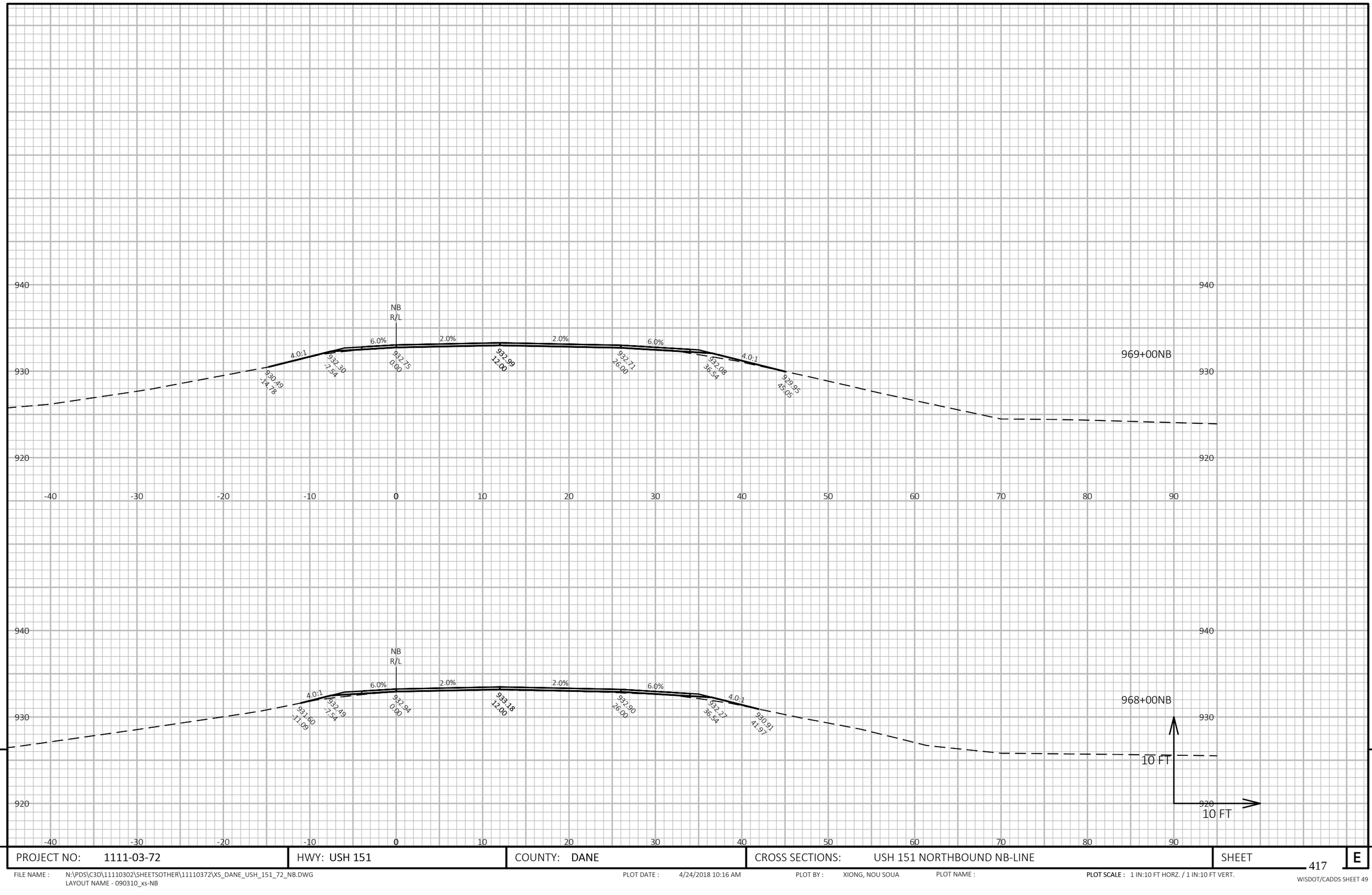
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 416 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090309_xs-NB

PLOT DATE : 4/24/2018 10:16 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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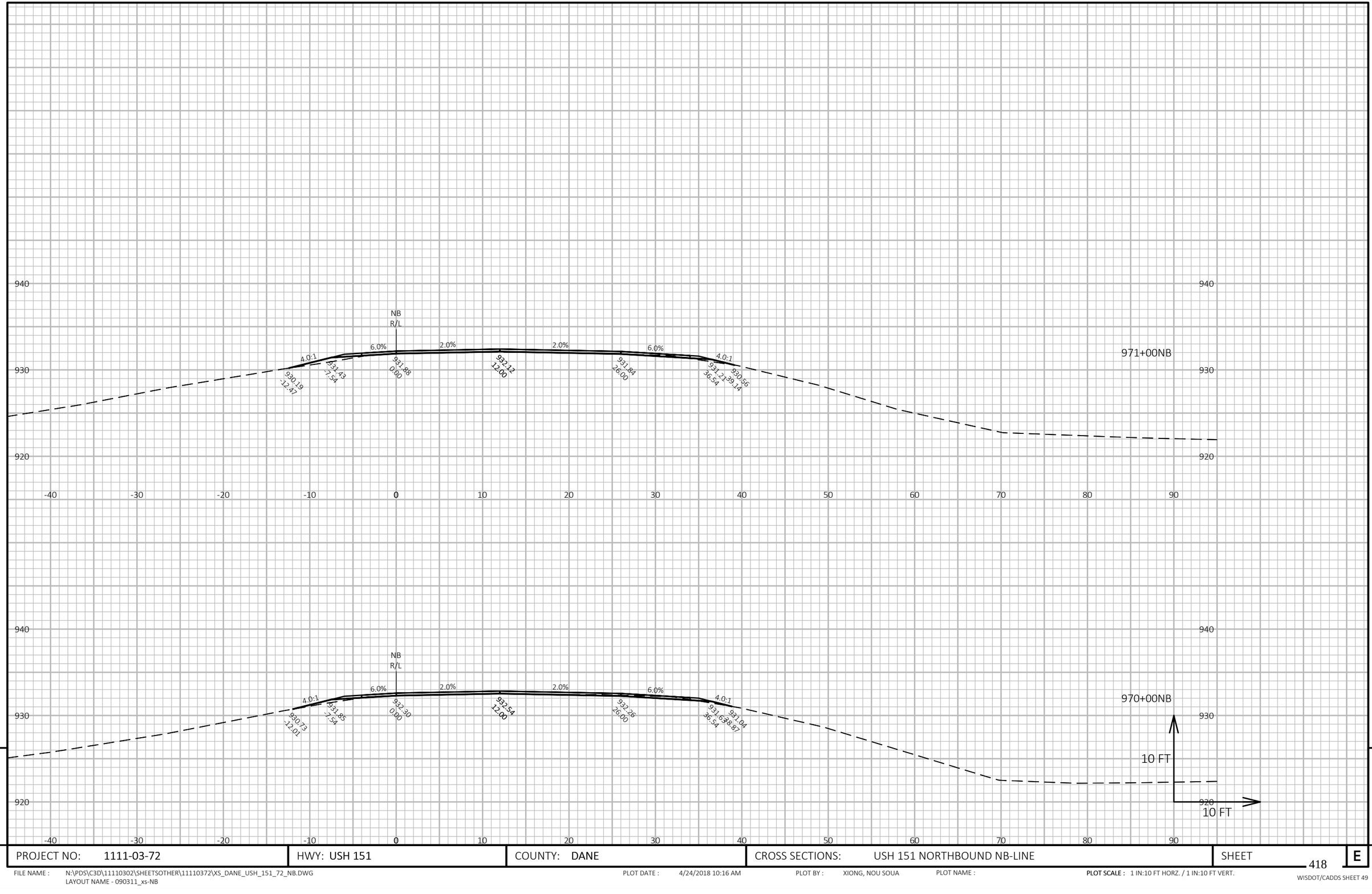
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 417	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090310_xs-NB

PLOT DATE : 4/24/2018 10:16 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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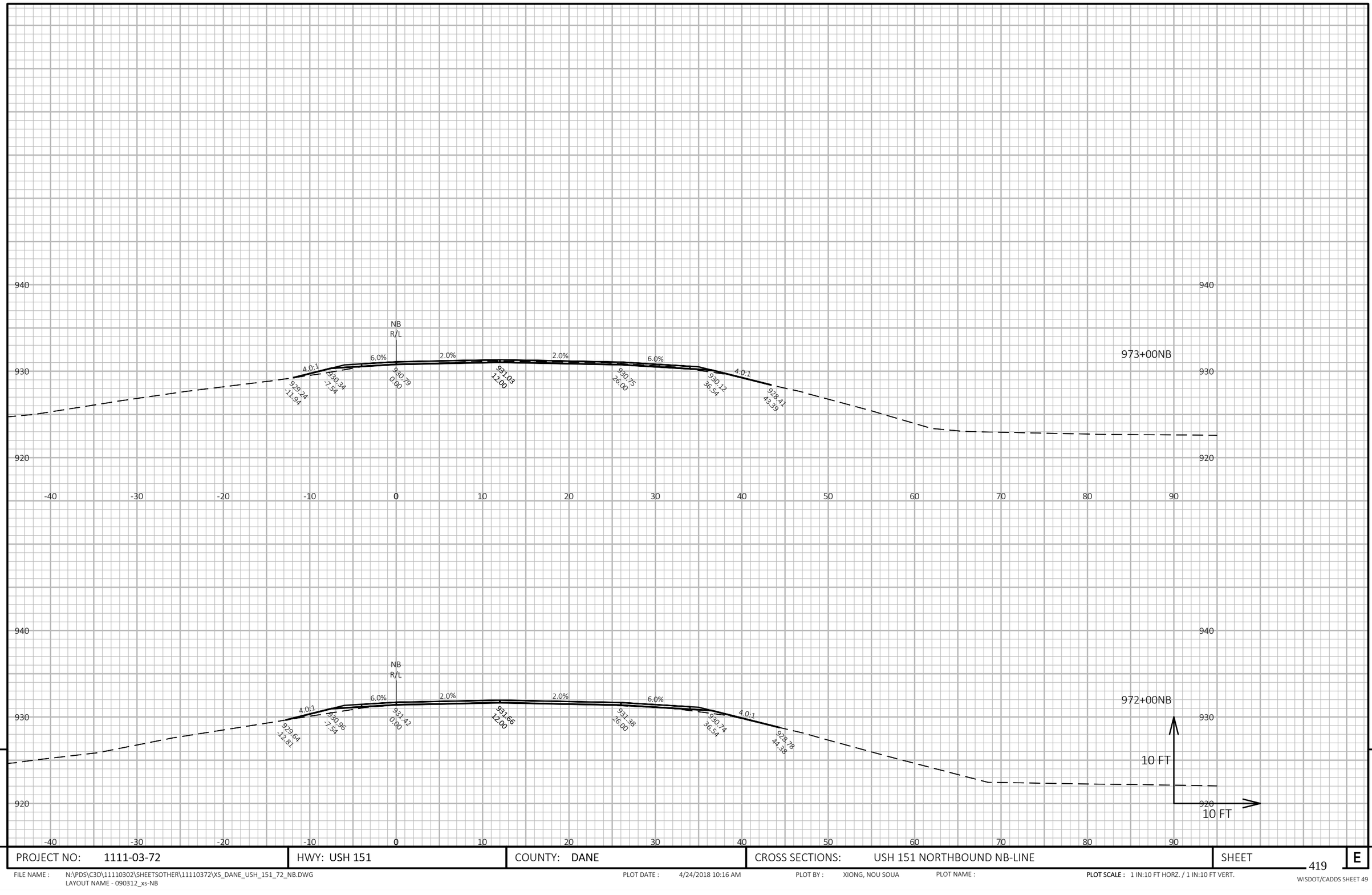
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 418	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090311_xs-NB

PLOT DATE : 4/24/2018 10:16 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



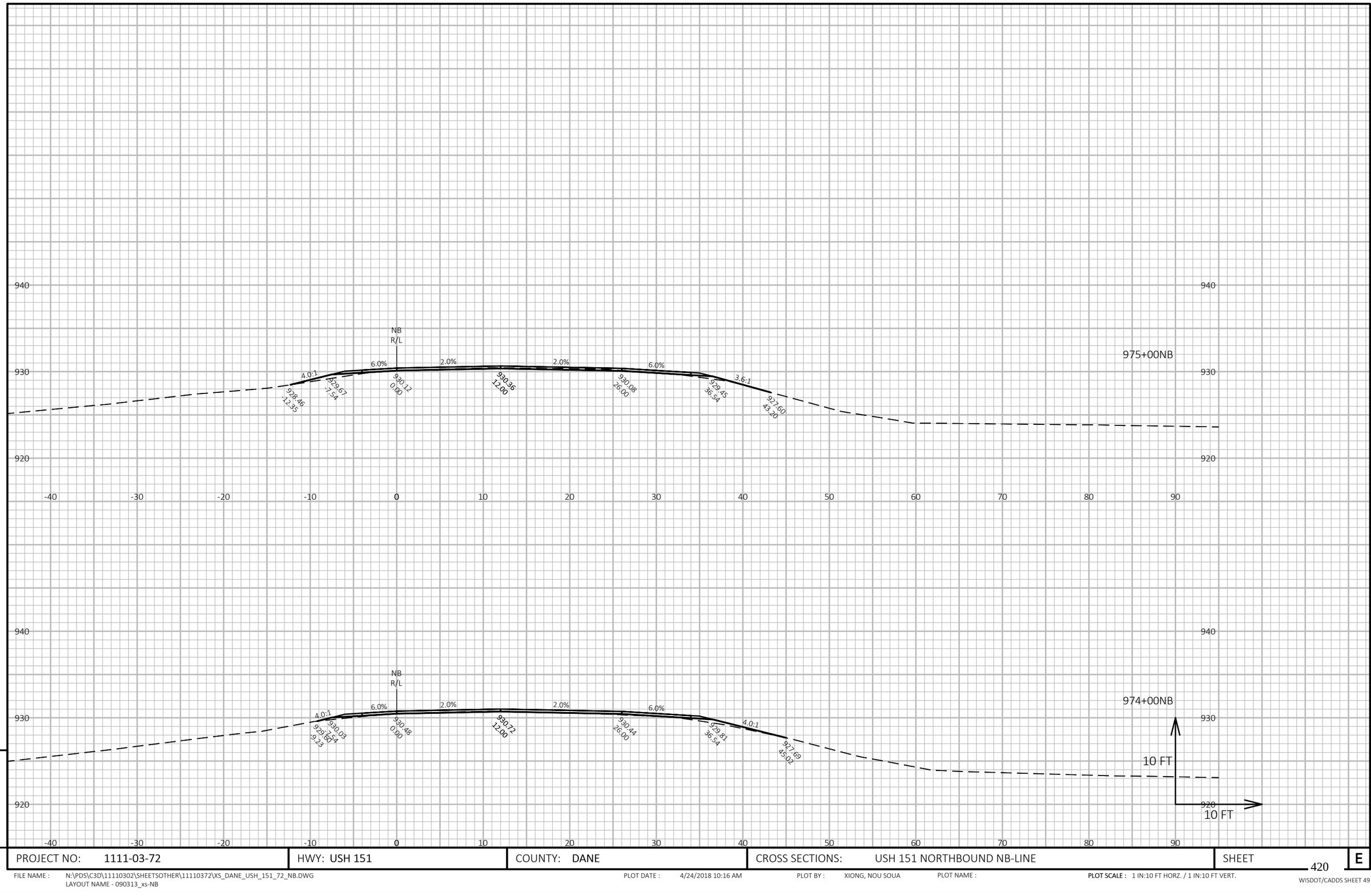
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 419 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090312_xs-NB

PLOT DATE : 4/24/2018 10:16 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



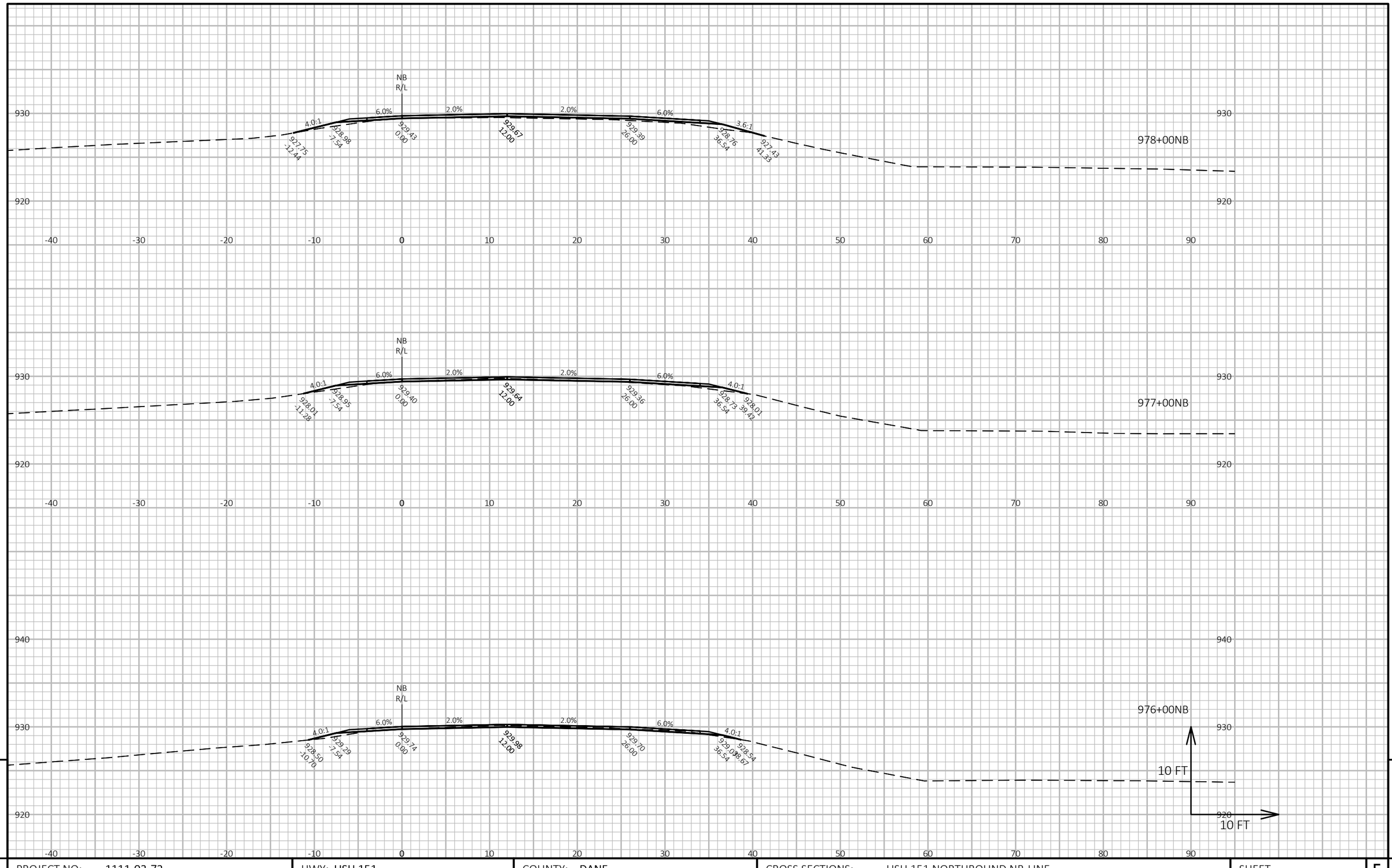
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 420 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090313_xs-NB

PLOT DATE : 4/24/2018 10:16 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

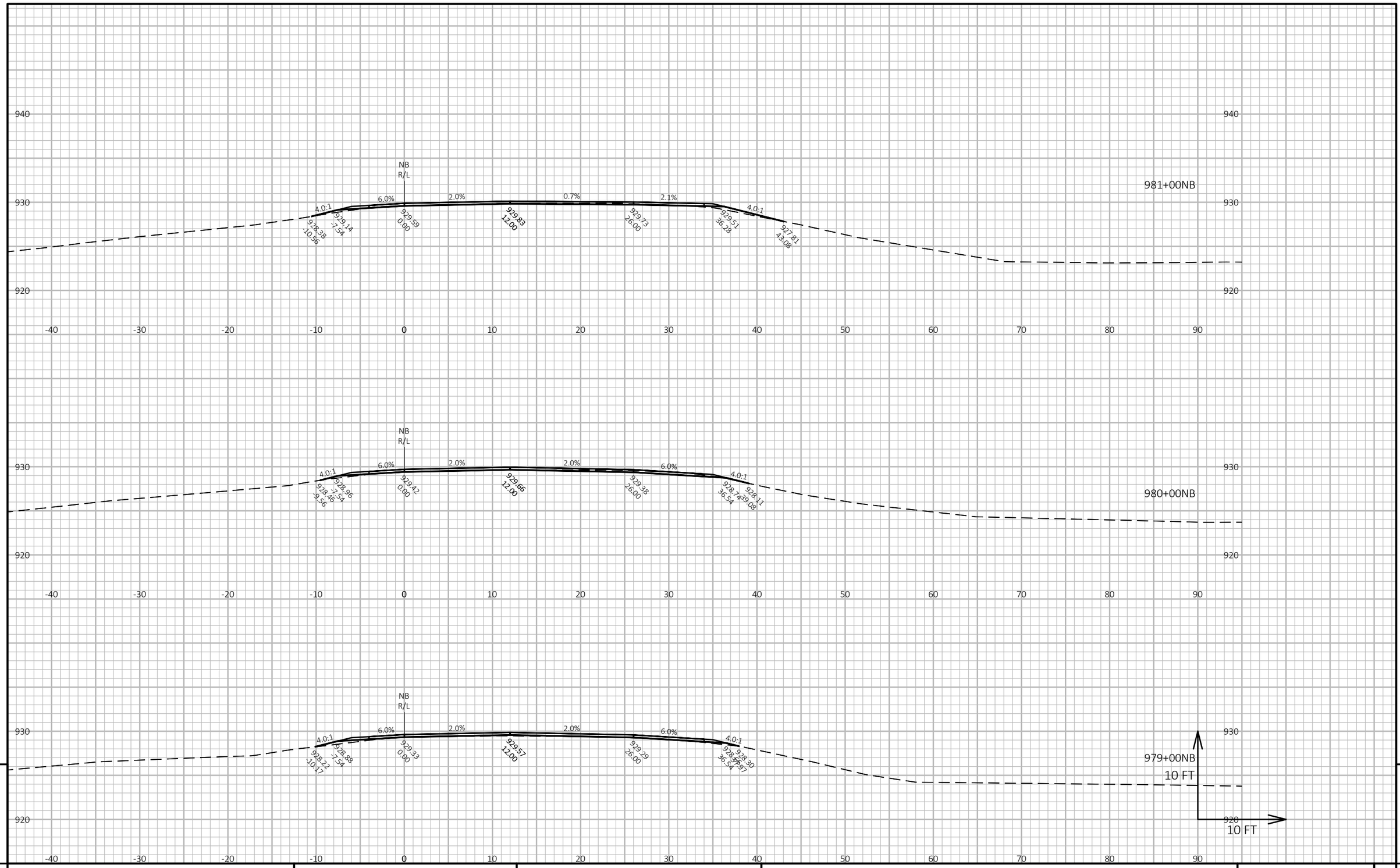


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 421

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090314_xs-NB

PLOT DATE : 4/24/2018 10:17 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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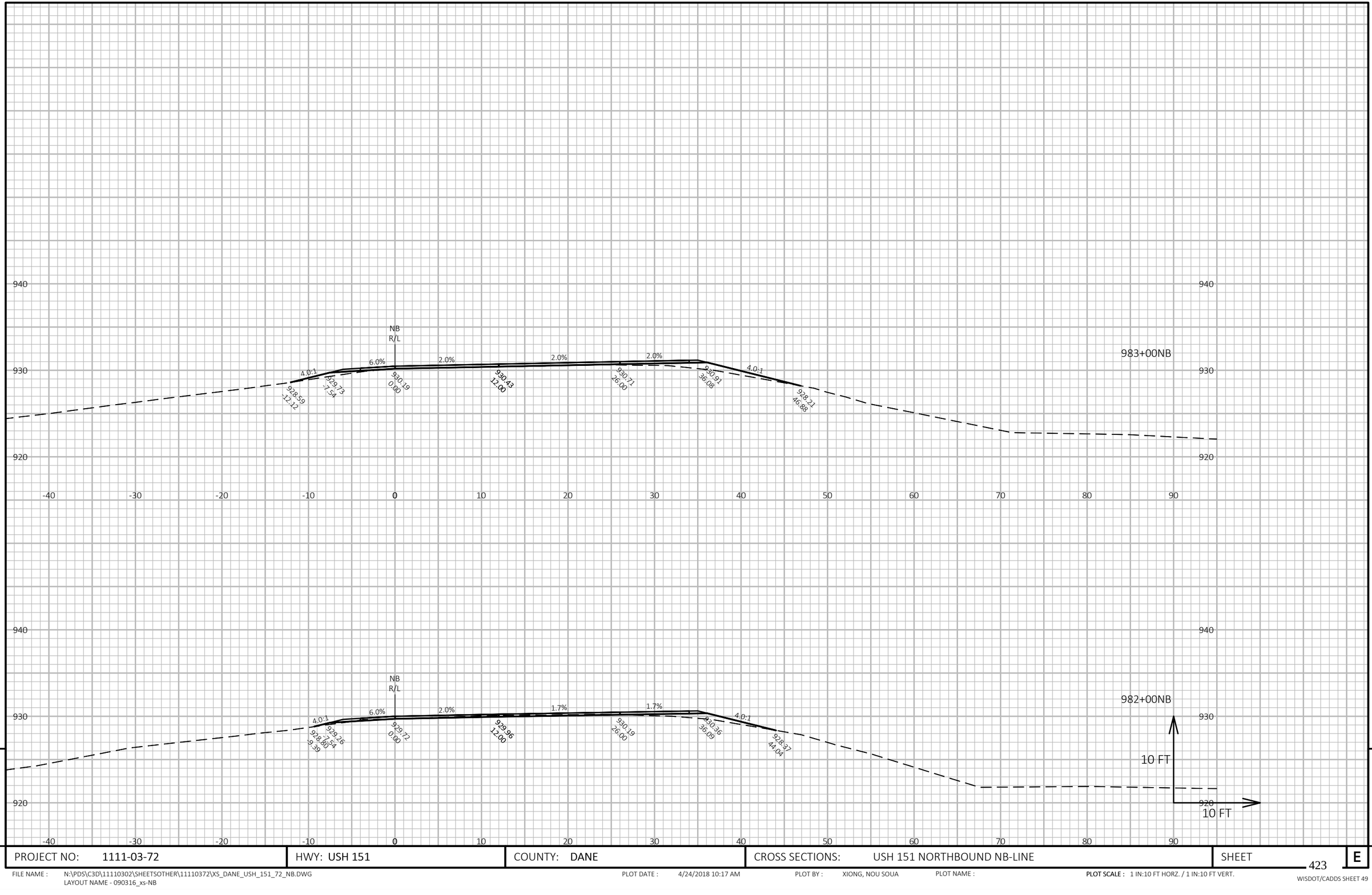
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 422	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090315_xs-NB

PLOT DATE : 4/24/2018 10:17 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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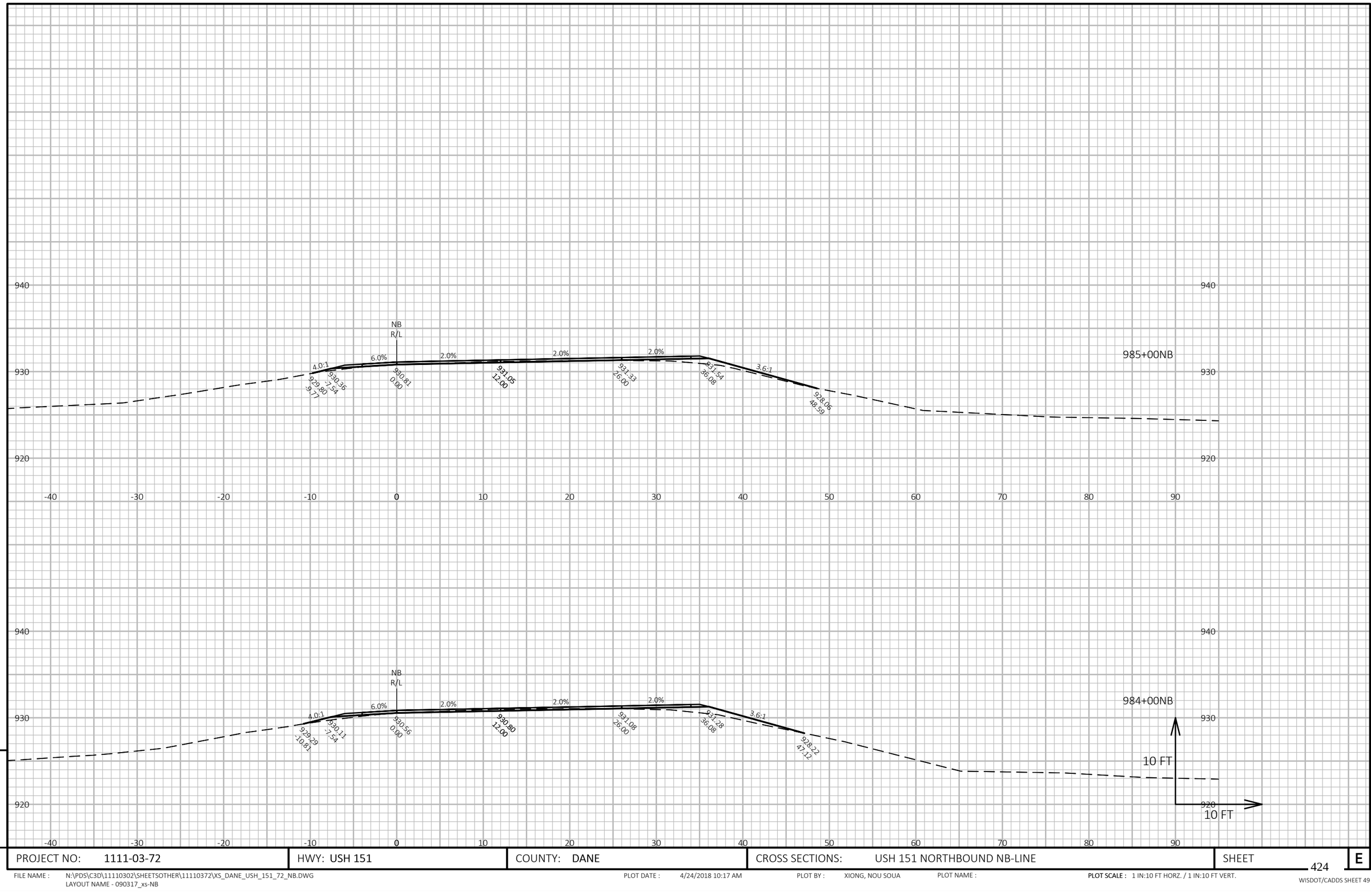
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 423	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090316_xs-NB

PLOT DATE : 4/24/2018 10:17 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



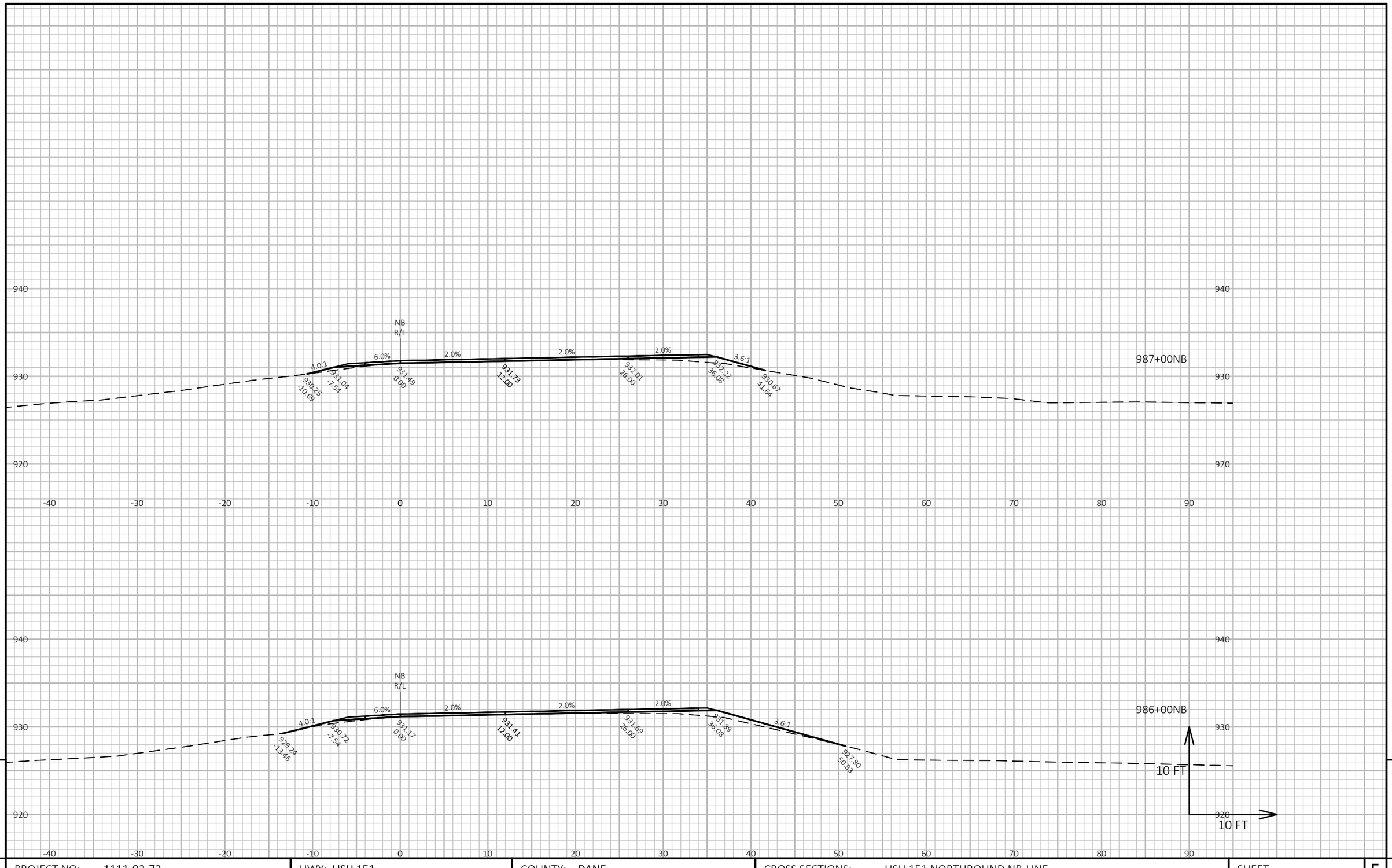
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 424	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090317_xs-NB

PLOT DATE : 4/24/2018 10:17 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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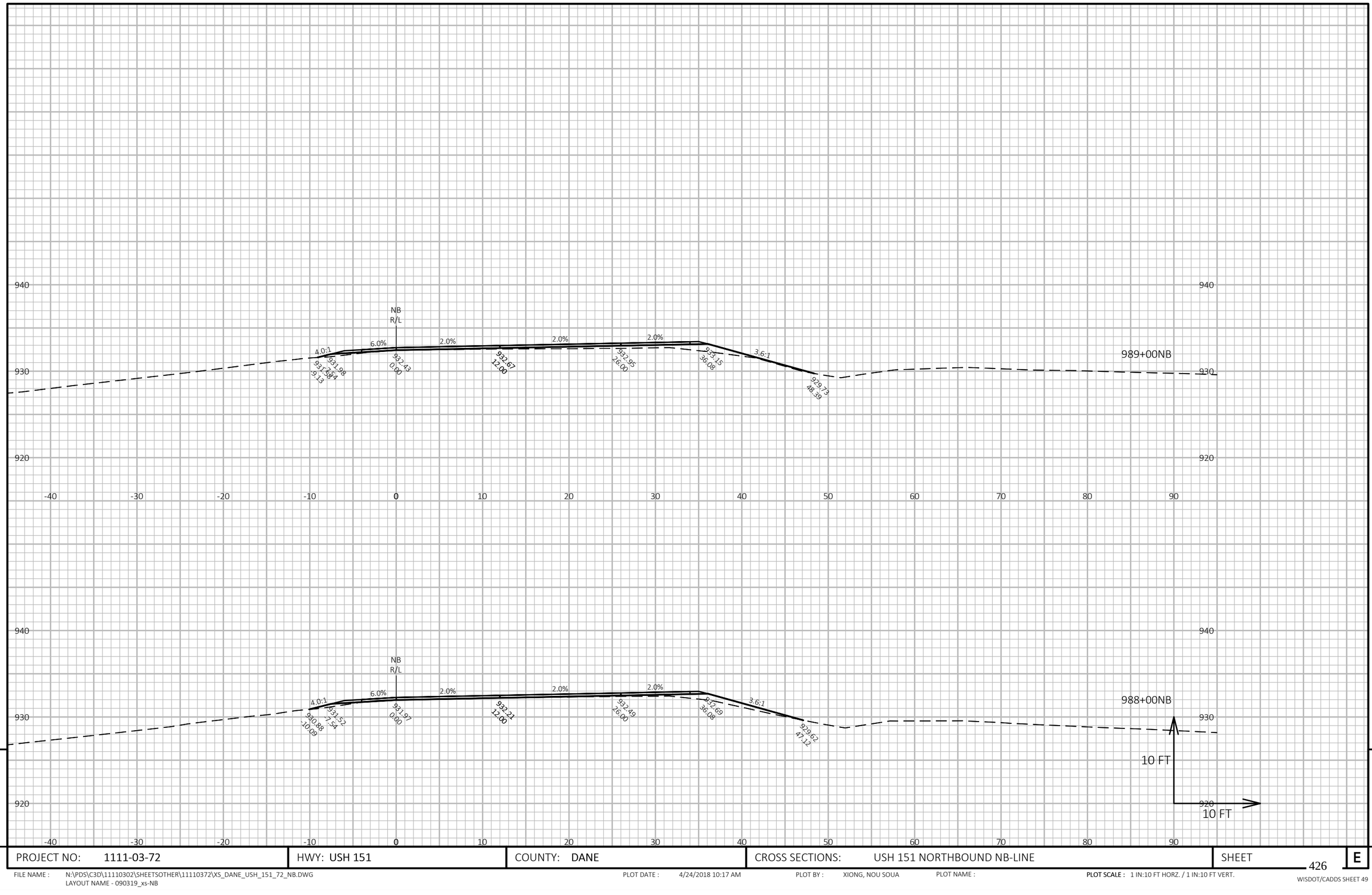
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 425 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090318_xs-NB

PLOT DATE : 4/24/2018 10:17 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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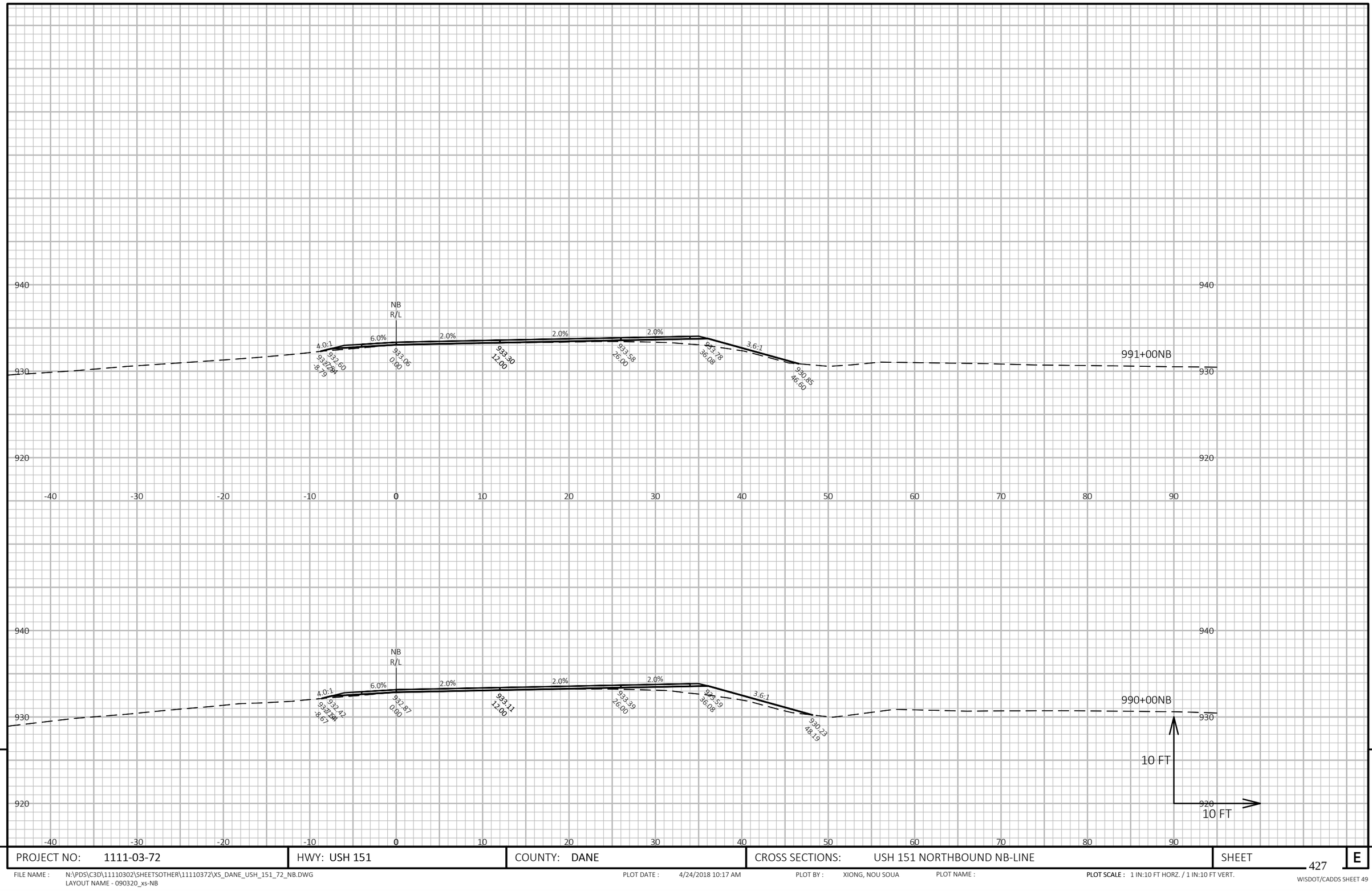
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 426 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090319_xs-NB

PLOT DATE : 4/24/2018 10:17 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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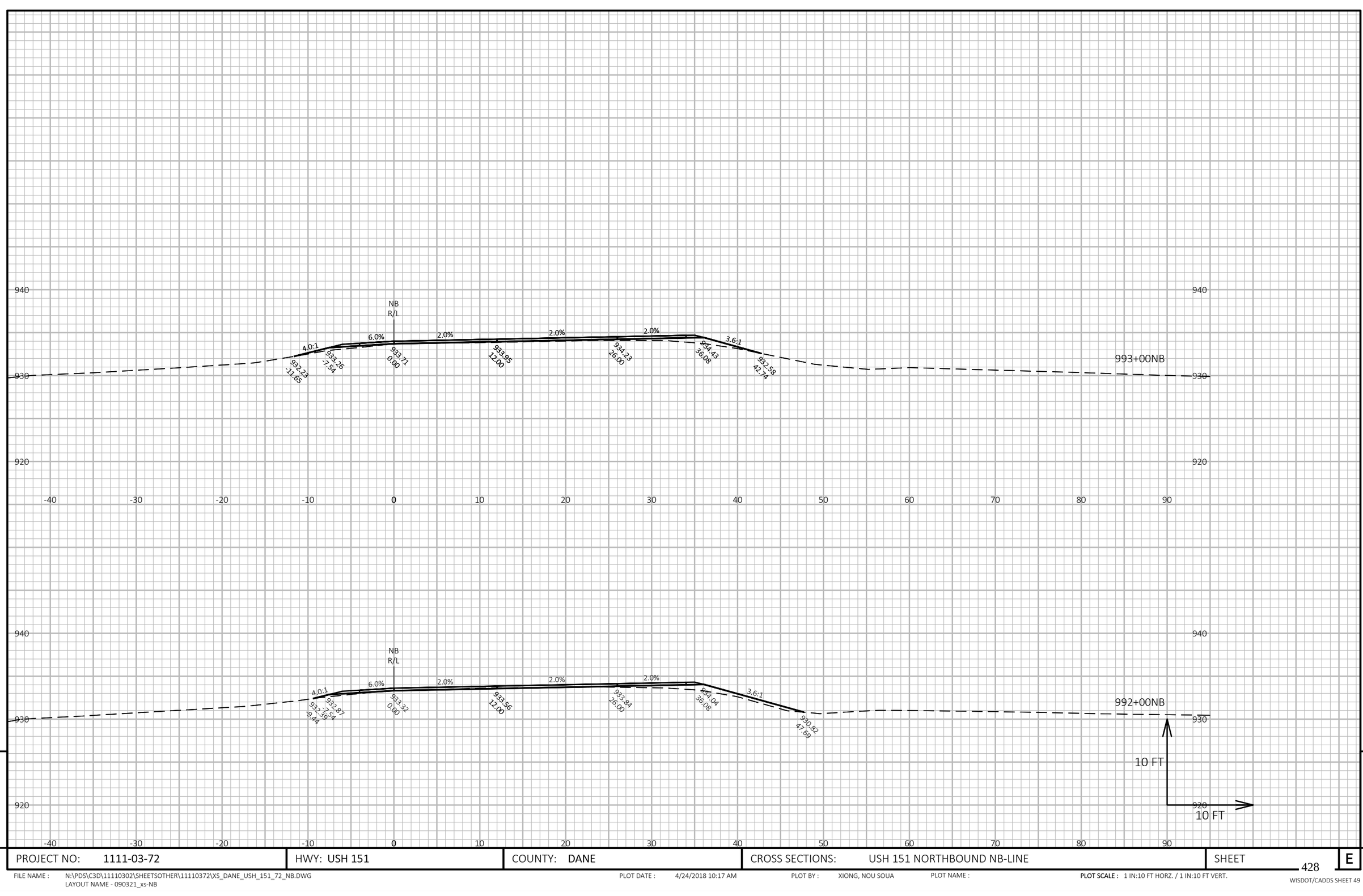
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 427 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090320_xs-NB

PLOT DATE : 4/24/2018 10:17 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 428 E

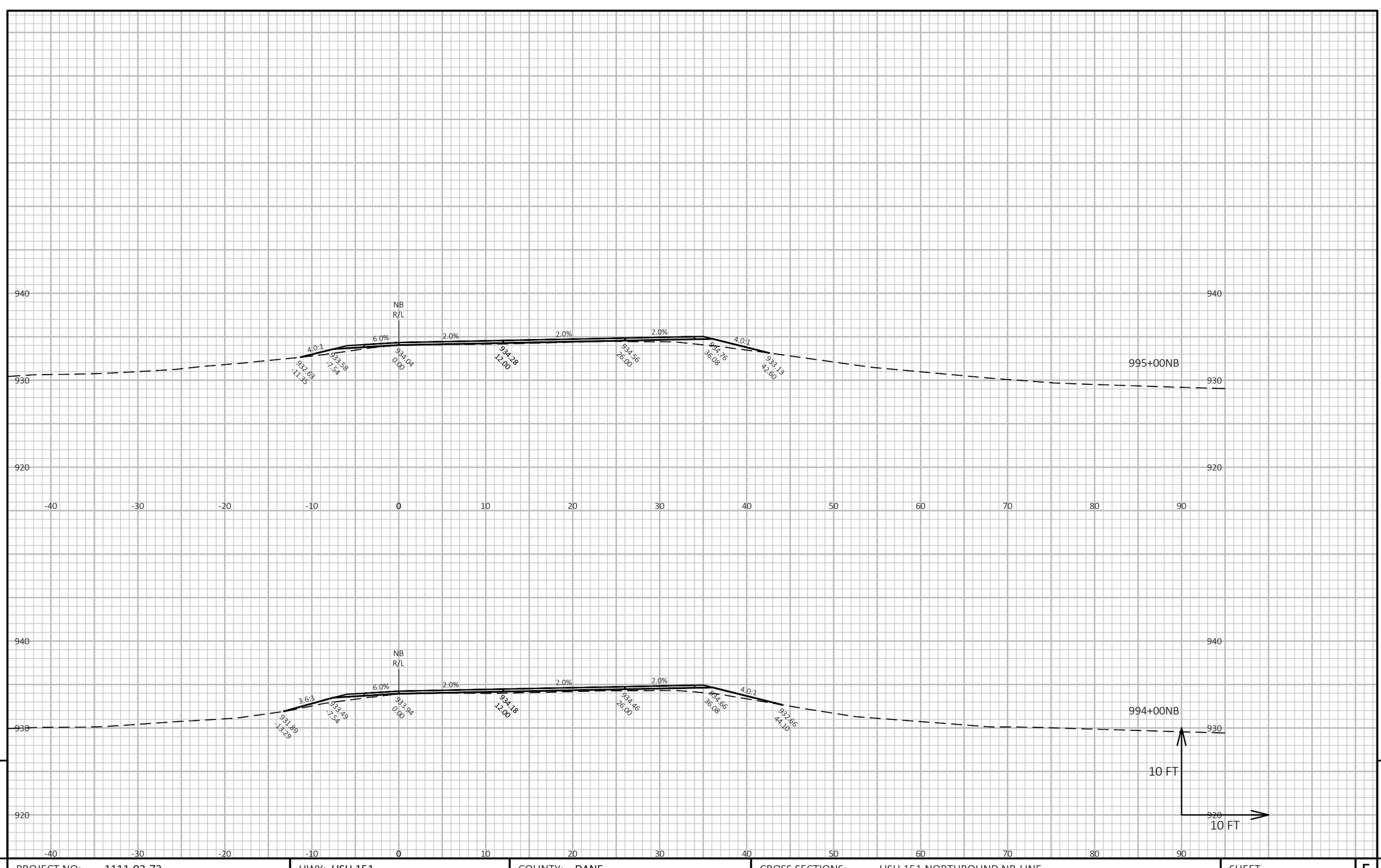
FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090321_xs-NB

PLOT DATE : 4/24/2018 10:17 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



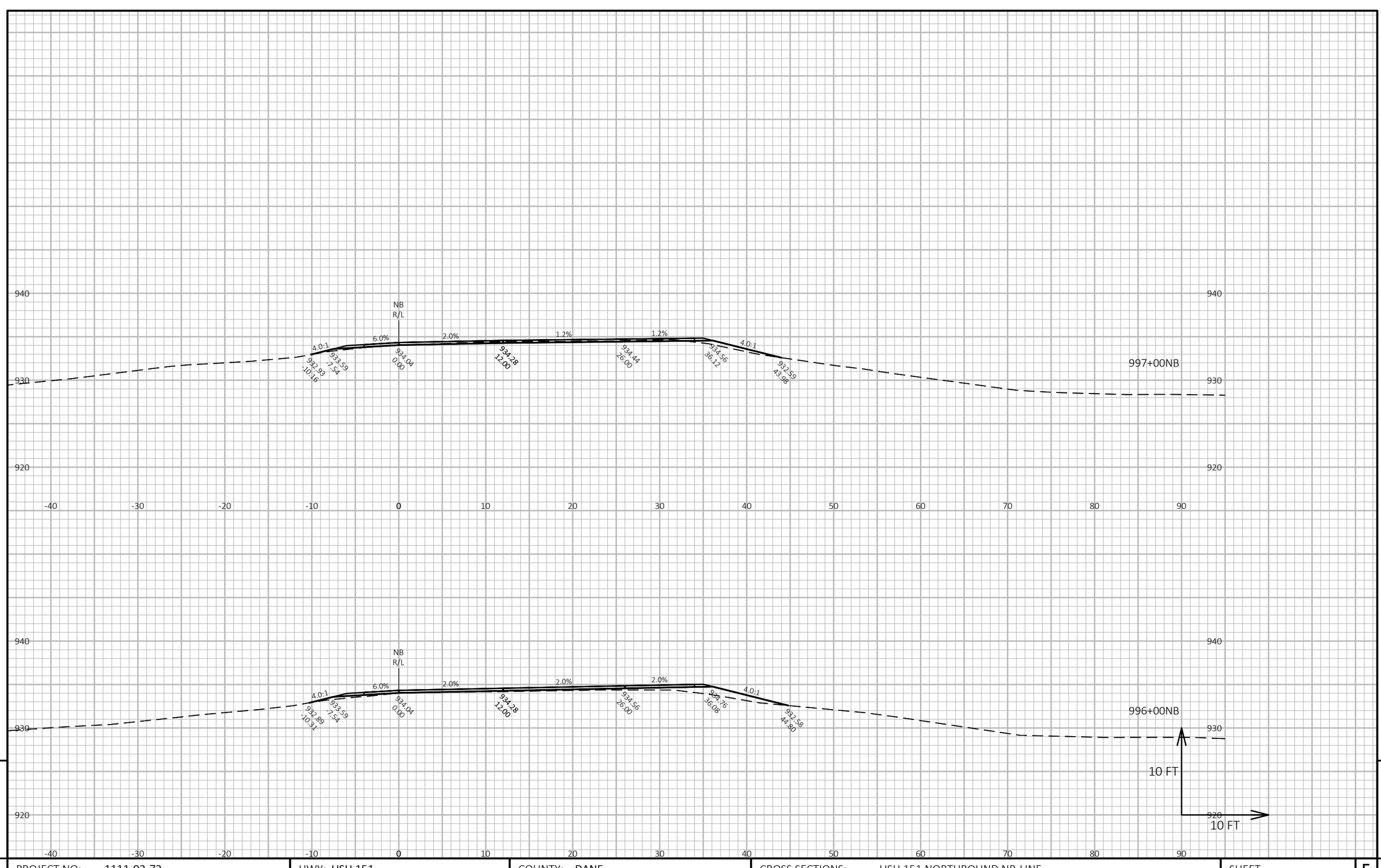
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 429	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090322_xs-NB

PLOT DATE : 4/24/2018 10:18 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



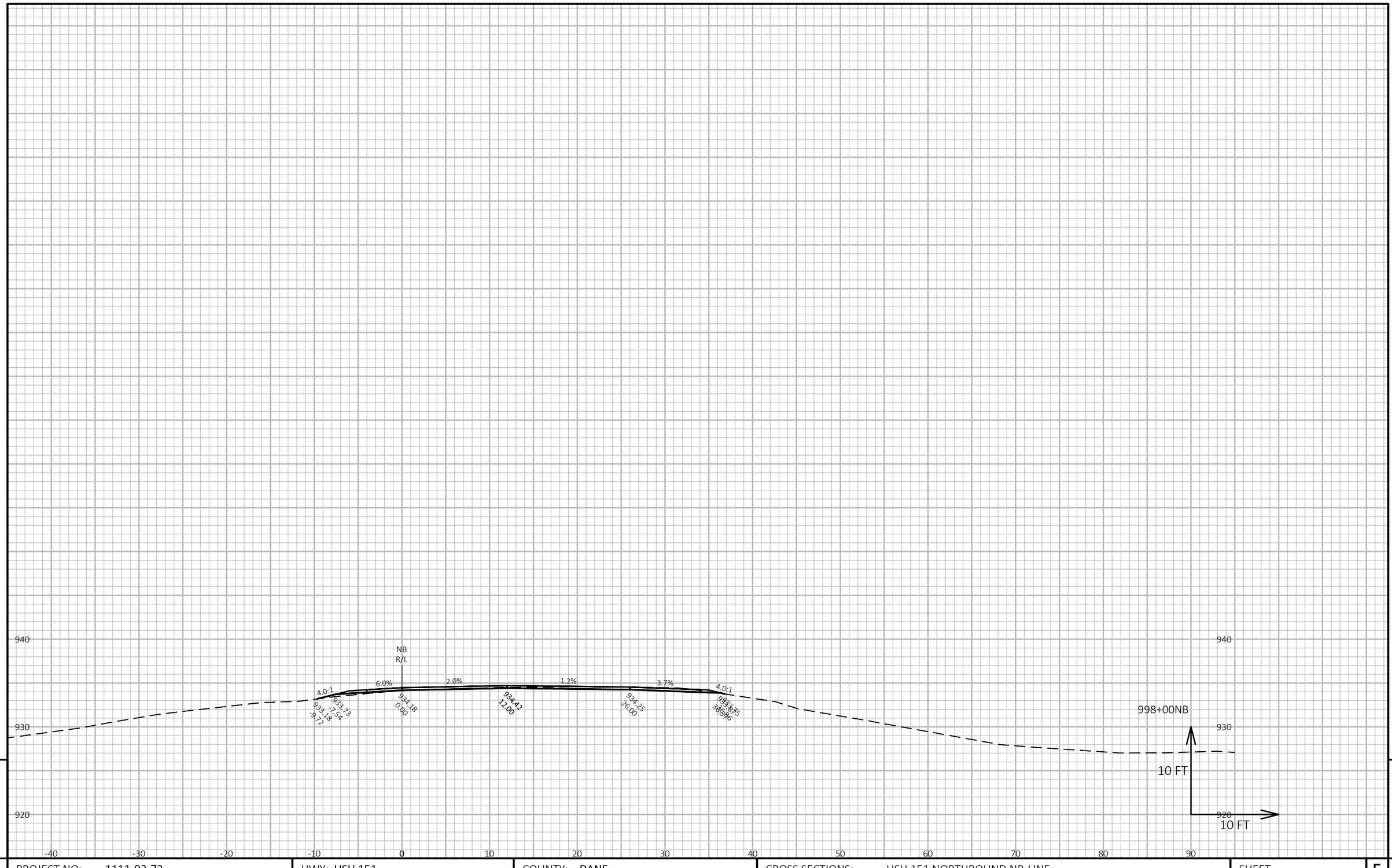
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 430	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090323_xs-NB

PLOT DATE : 4/24/2018 10:18 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



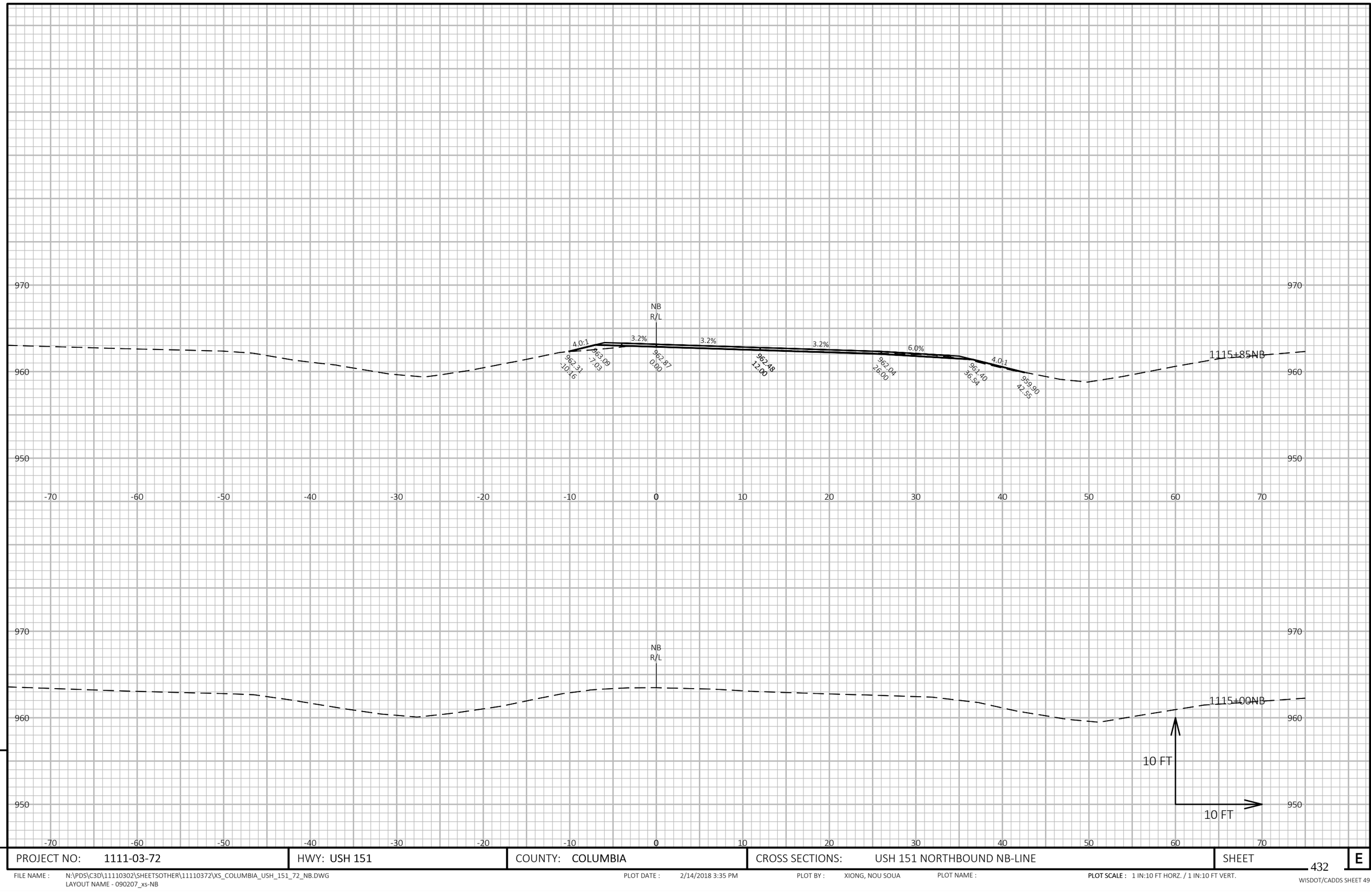
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 431	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_NB.DWG
LAYOUT NAME - 090324_xs-NB

PLOT DATE : 4/24/2018 10:18 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 432 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090207_xs-NB

PLOT DATE : 2/14/2018 3:35 PM

PLOT BY : XIONG, NOU SOUA

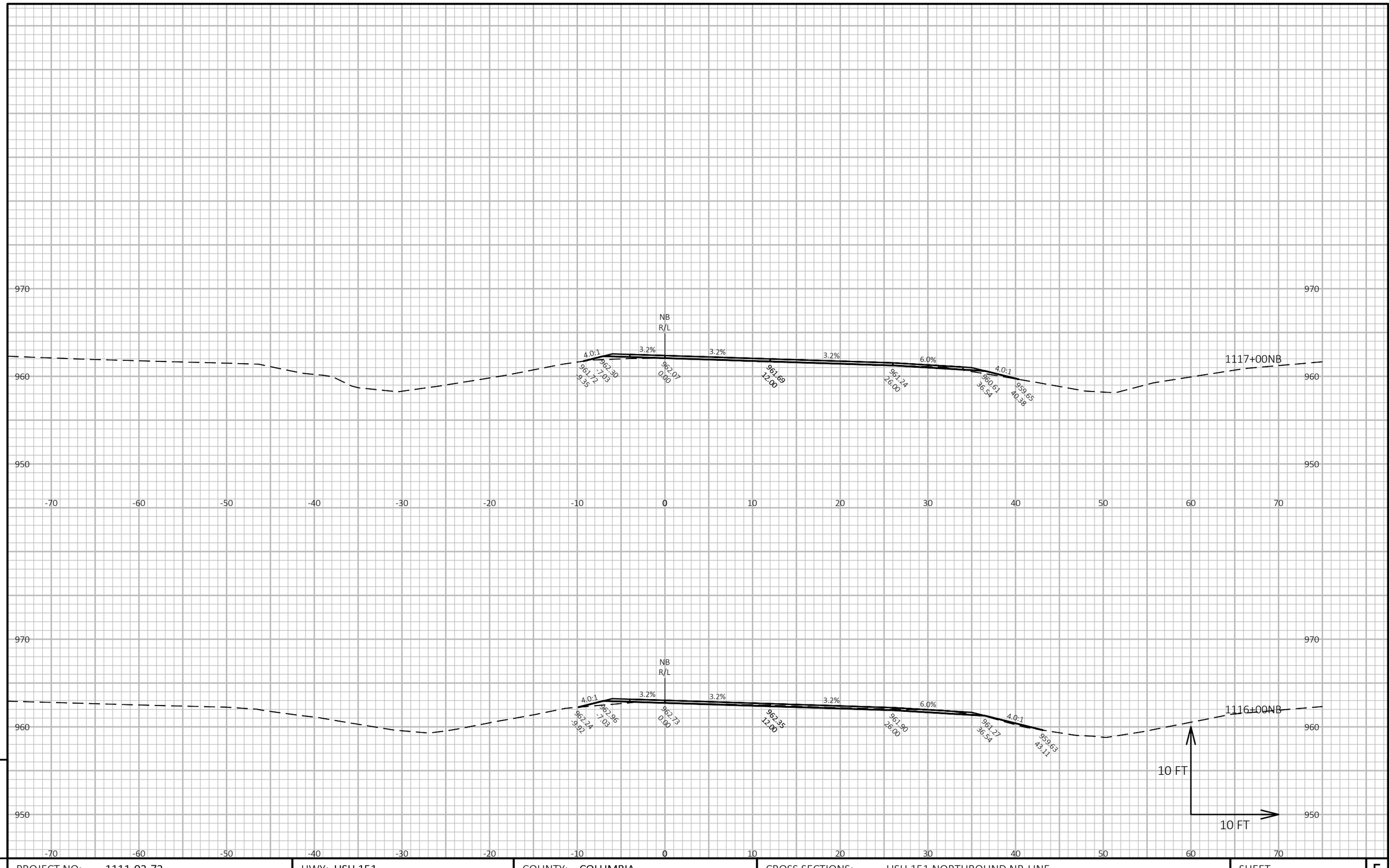
PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 433	E

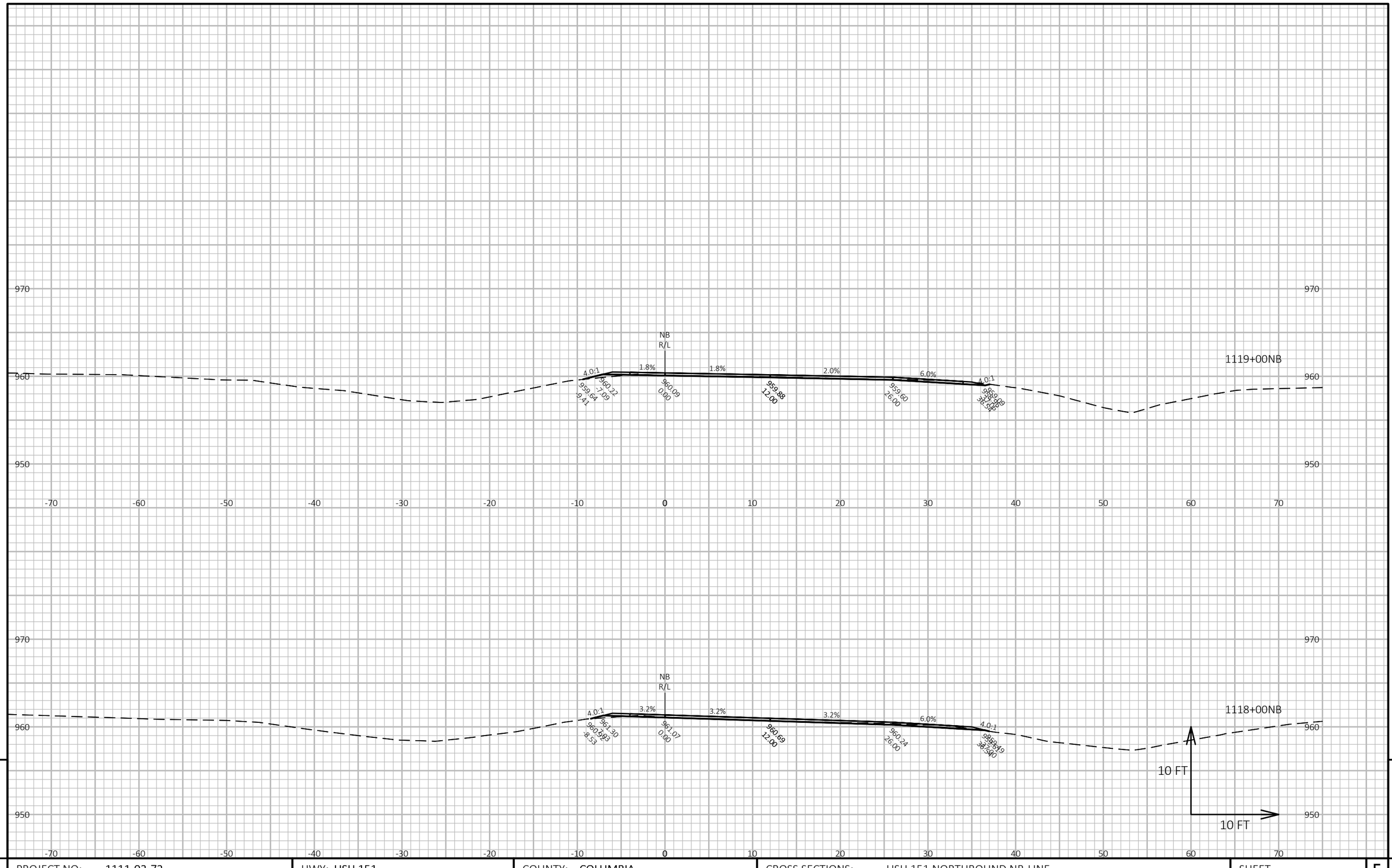
FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090208_xs-NB

PLOT DATE : 2/14/2018 3:35 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 434	E

9

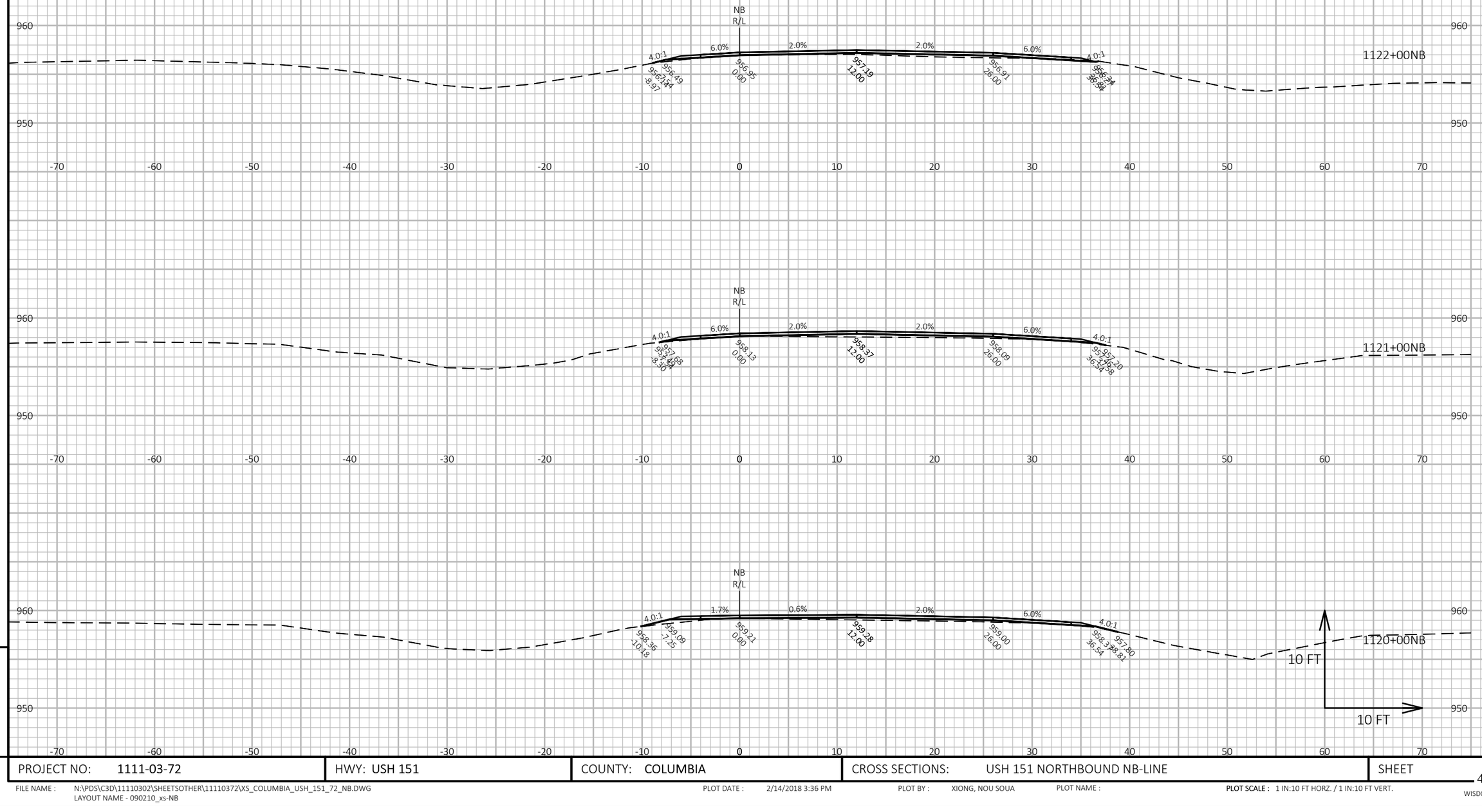
FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090209_xs-NB

PLOT DATE : 2/14/2018 3:35 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

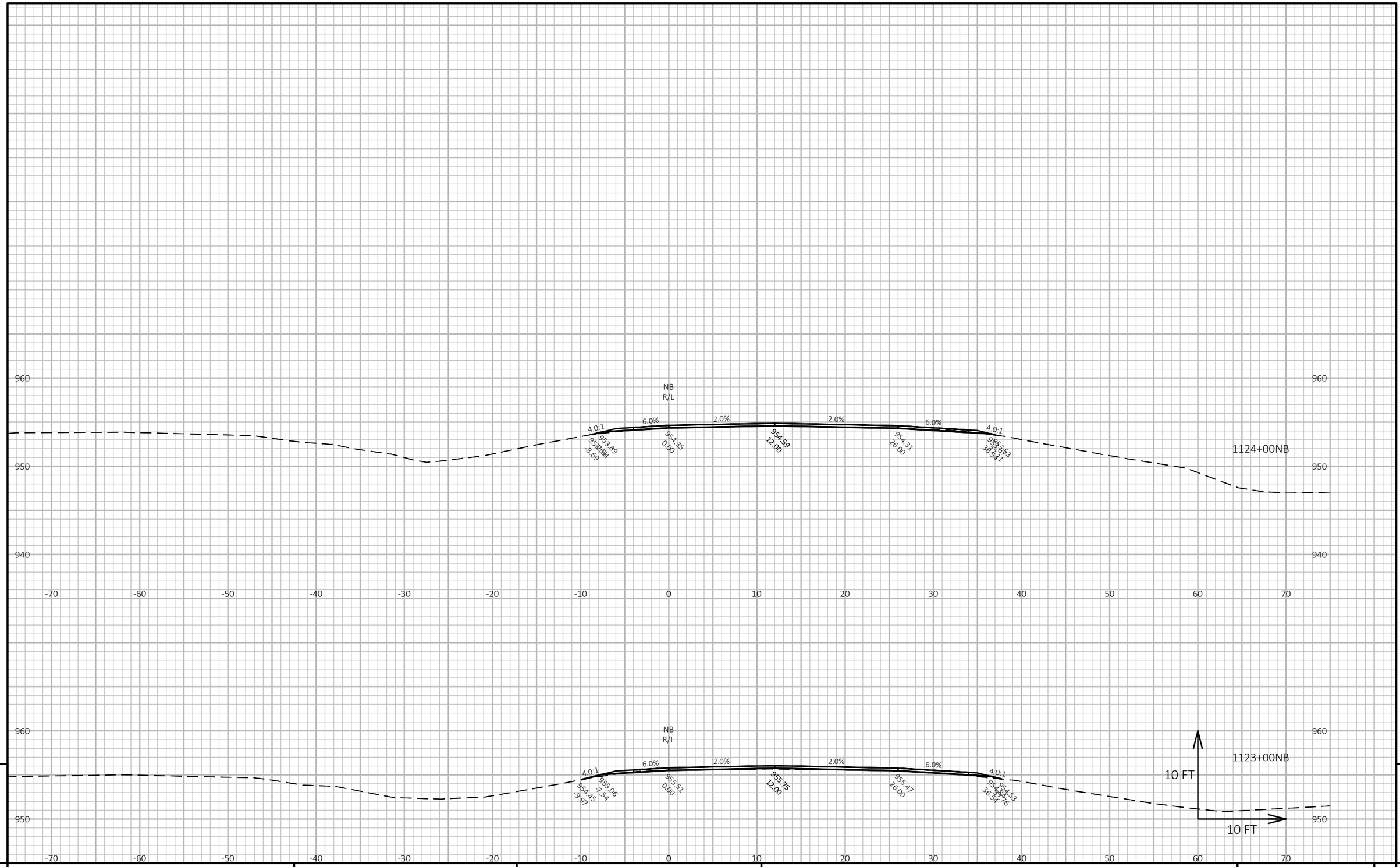


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 435 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090210_xs-NB

PLOT DATE : 2/14/2018 3:36 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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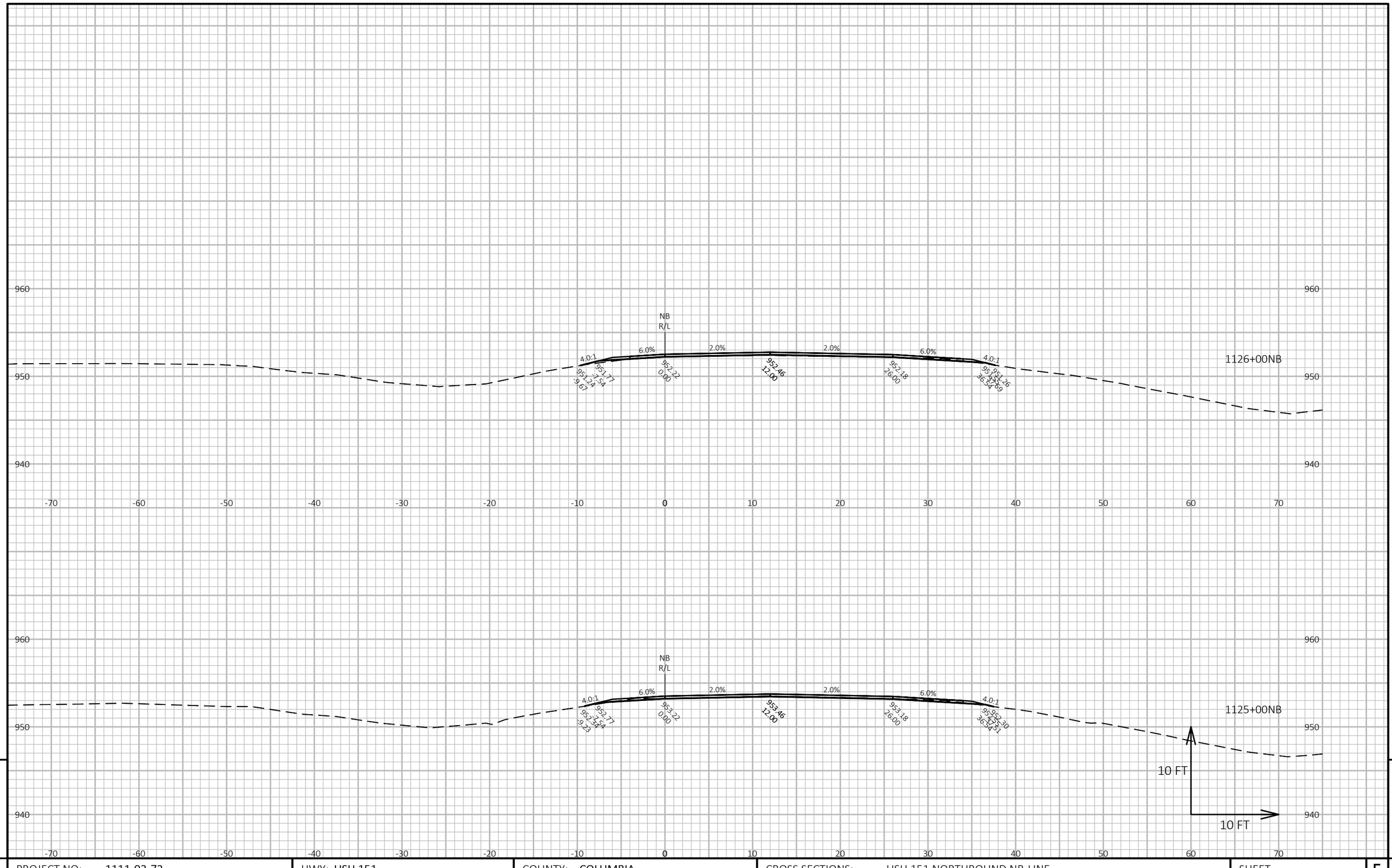
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 436	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090211_xs-NB

PLOT DATE : 2/14/2018 3:36 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

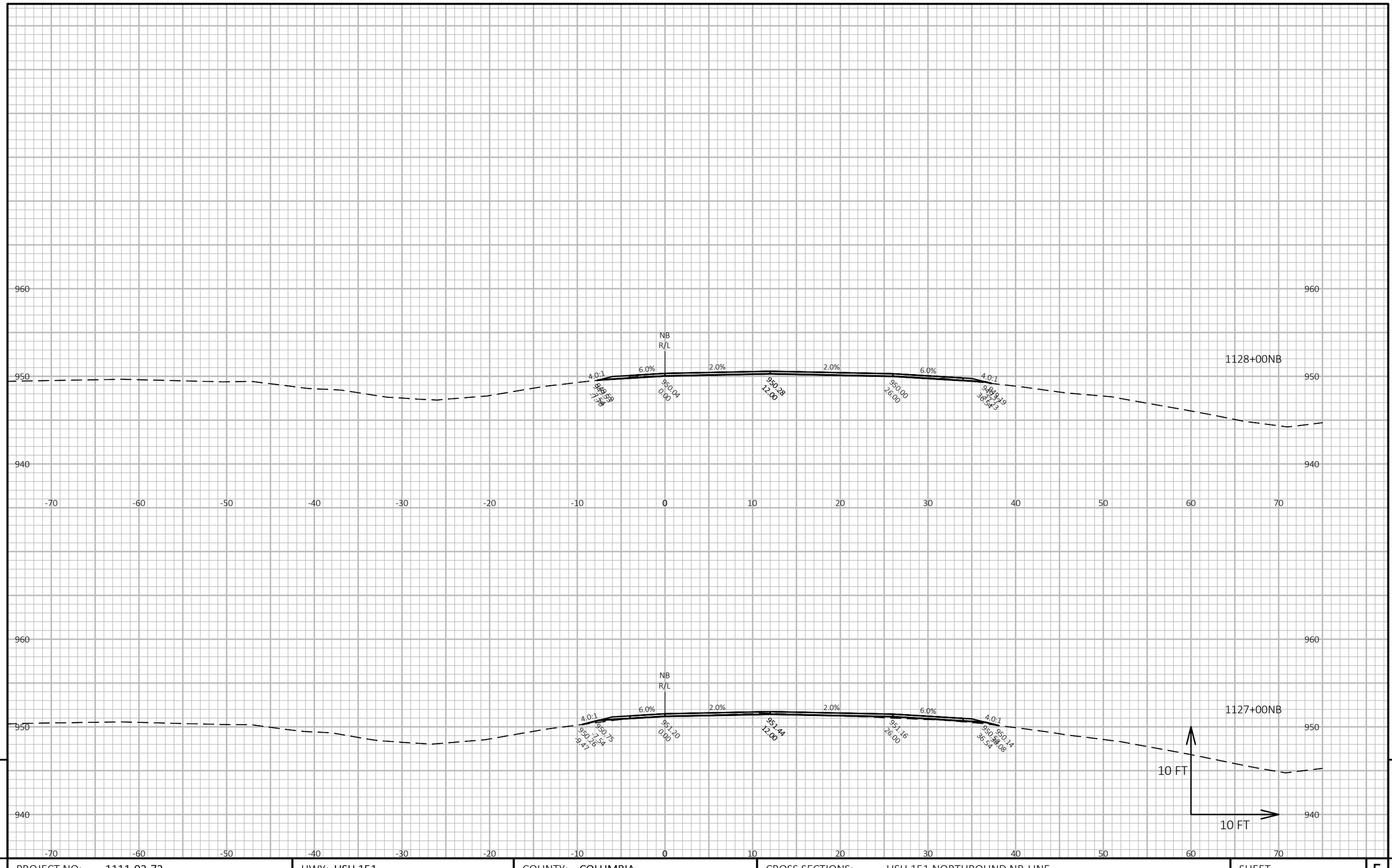


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 437 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090212_xs-NB

PLOT DATE : 2/14/2018 3:36 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 438	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090213_xs-NB

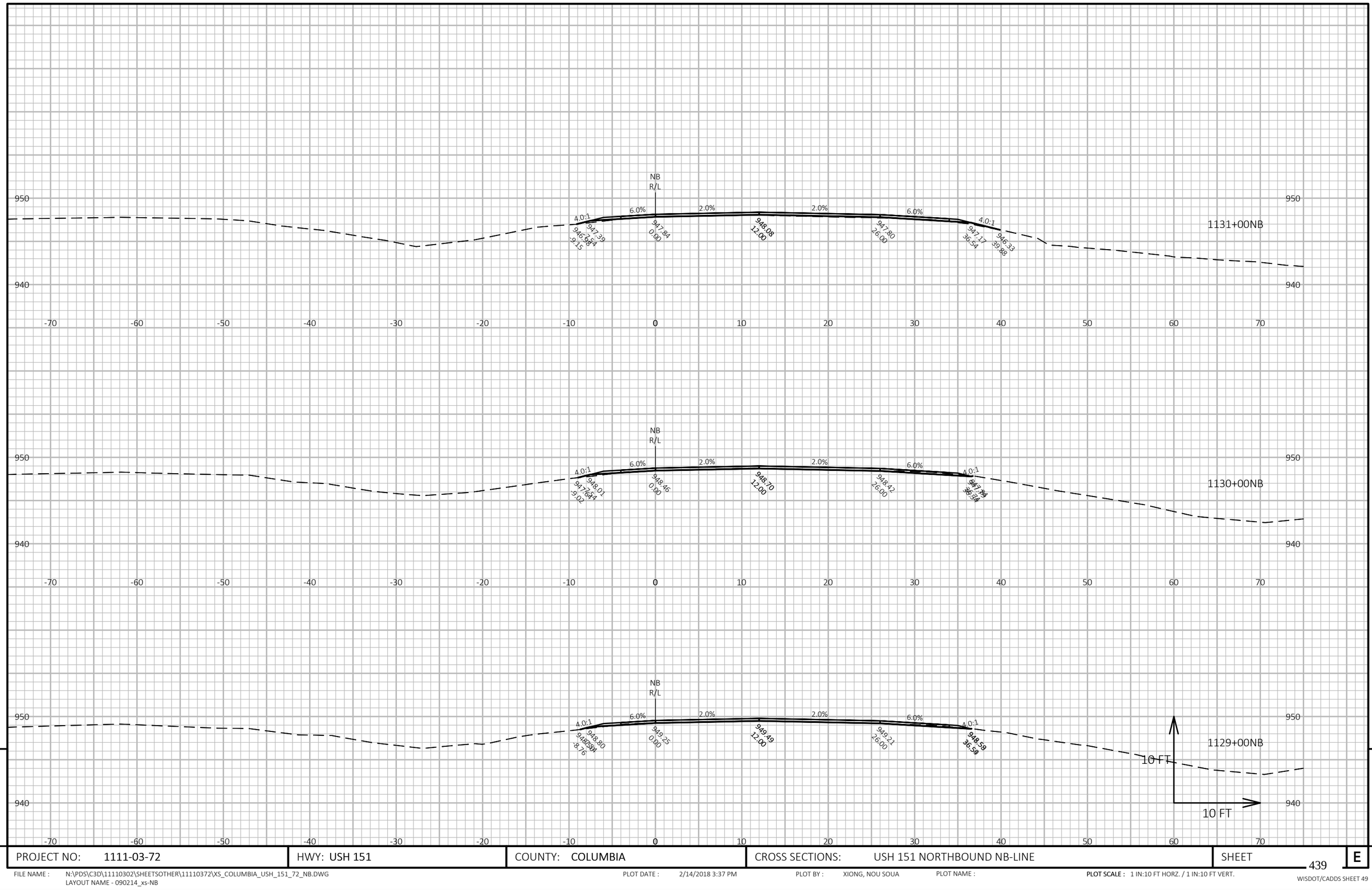
PLOT DATE : 2/14/2018 3:37 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 439	E

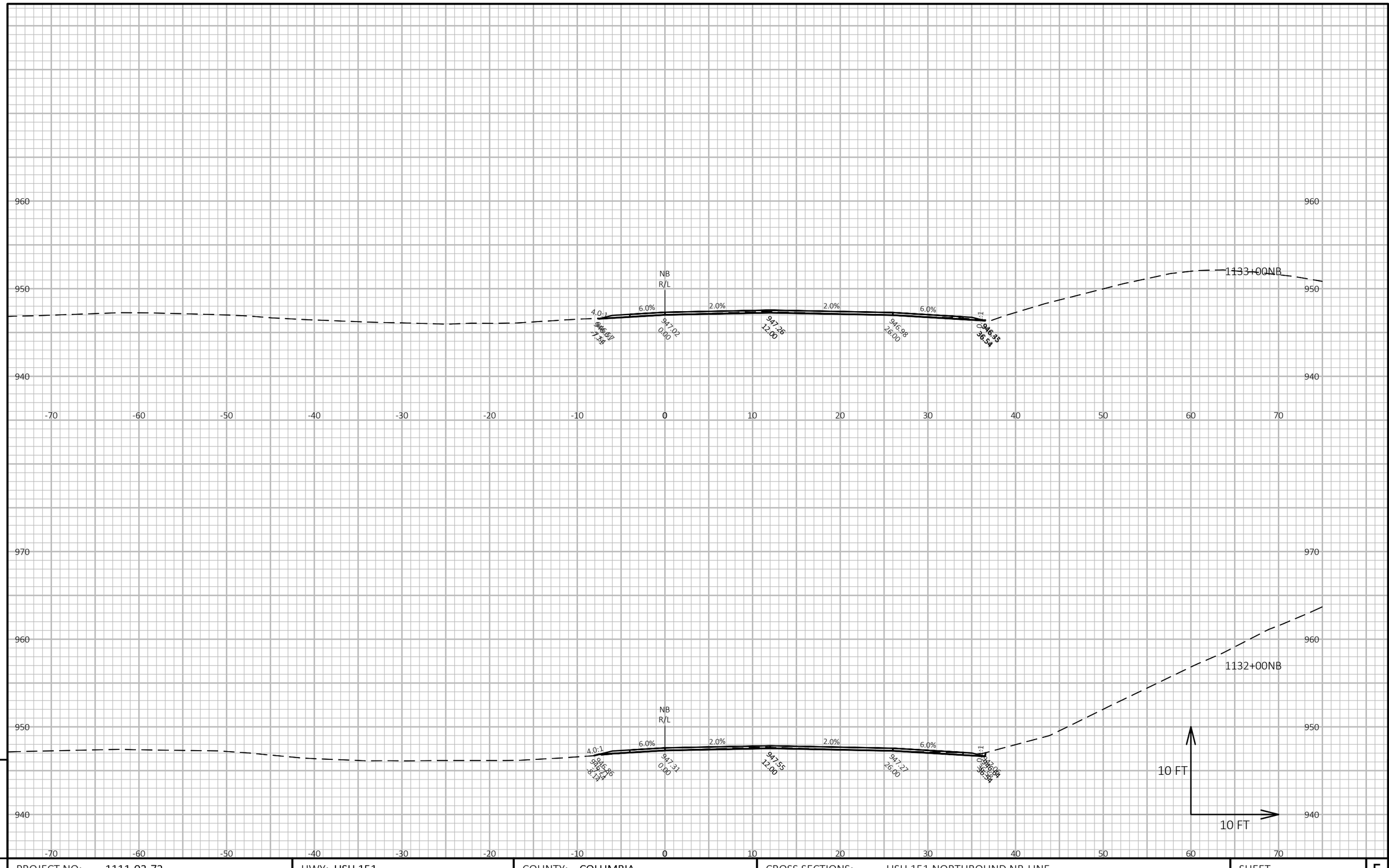
FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090214_xs-NB

PLOT DATE : 2/14/2018 3:37 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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9

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 440	E

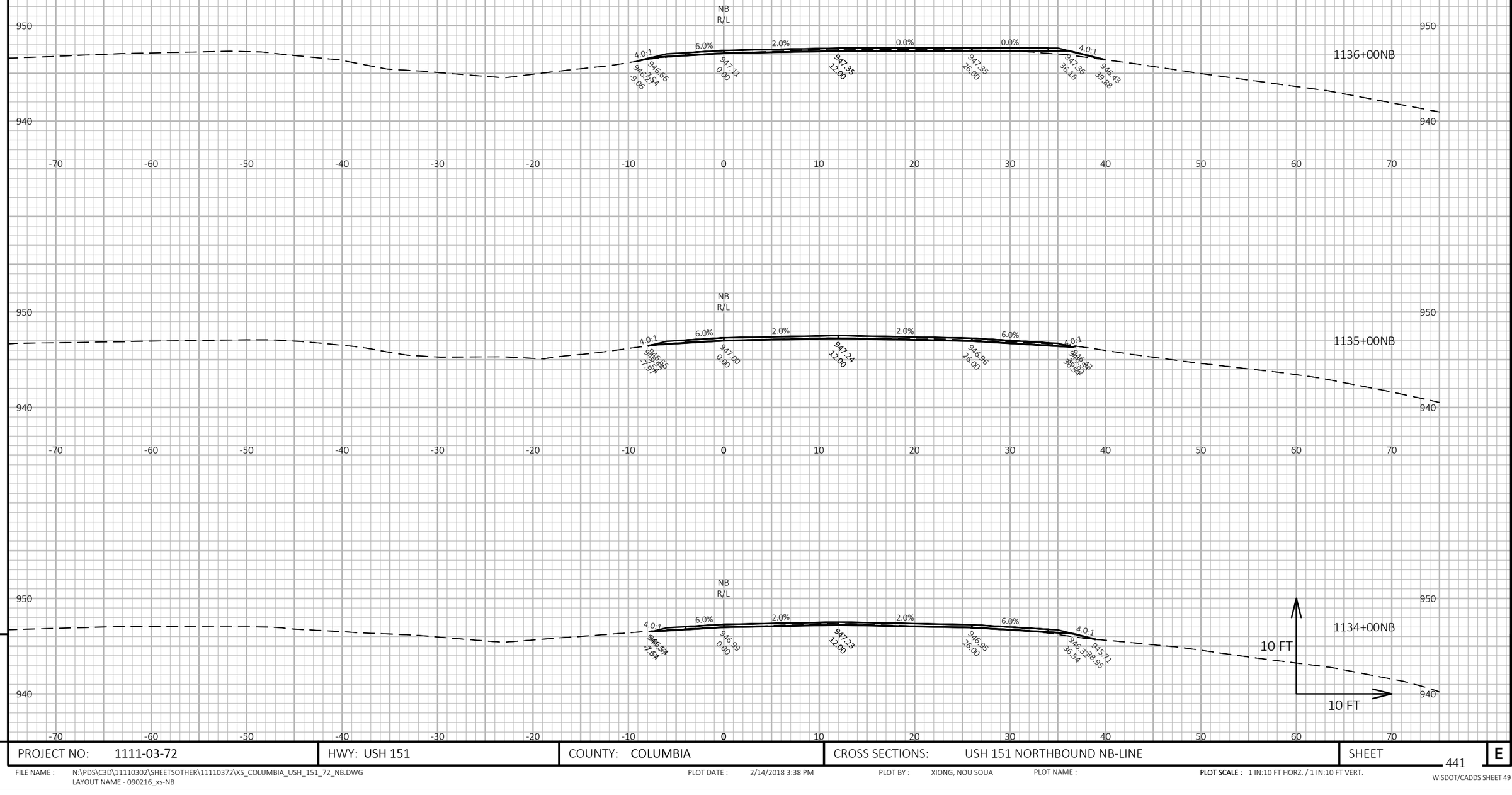
FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090215_xs-NB

PLOT DATE : 2/14/2018 3:38 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 441

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090216_xs-NB

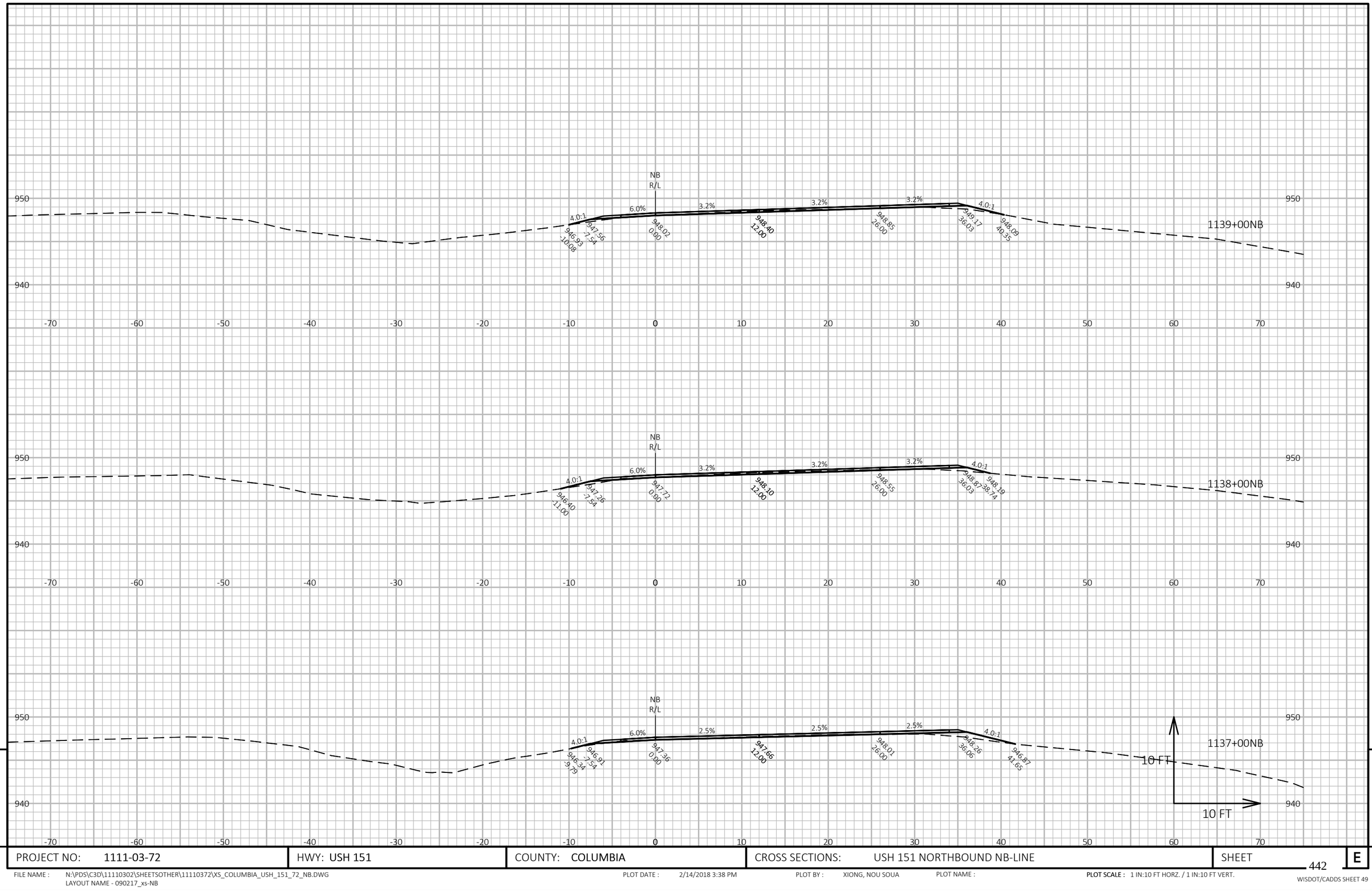
PLOT DATE : 2/14/2018 3:38 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

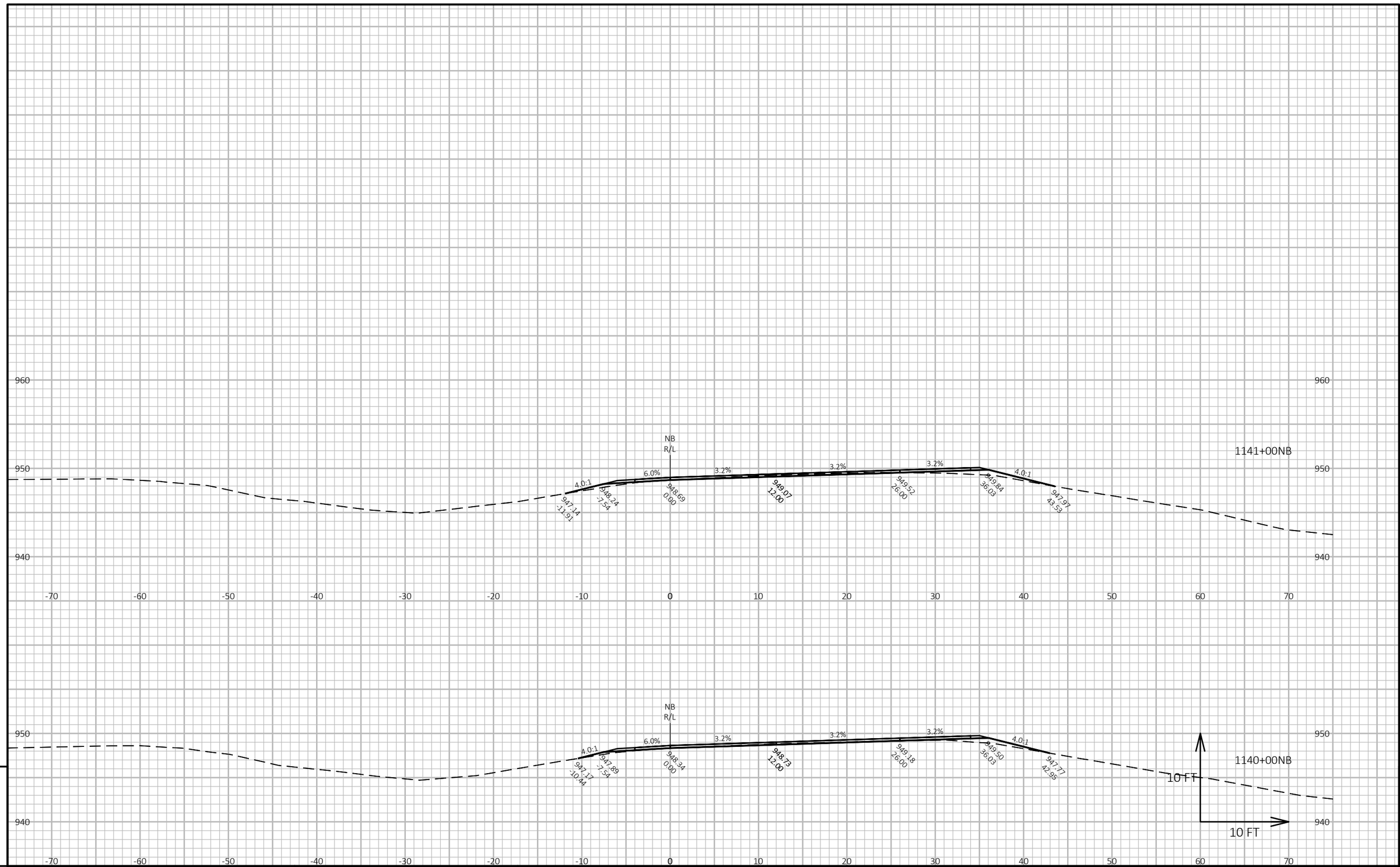


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 442 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090217_xs-NB

PLOT DATE : 2/14/2018 3:38 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 443	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090218_xs-NB

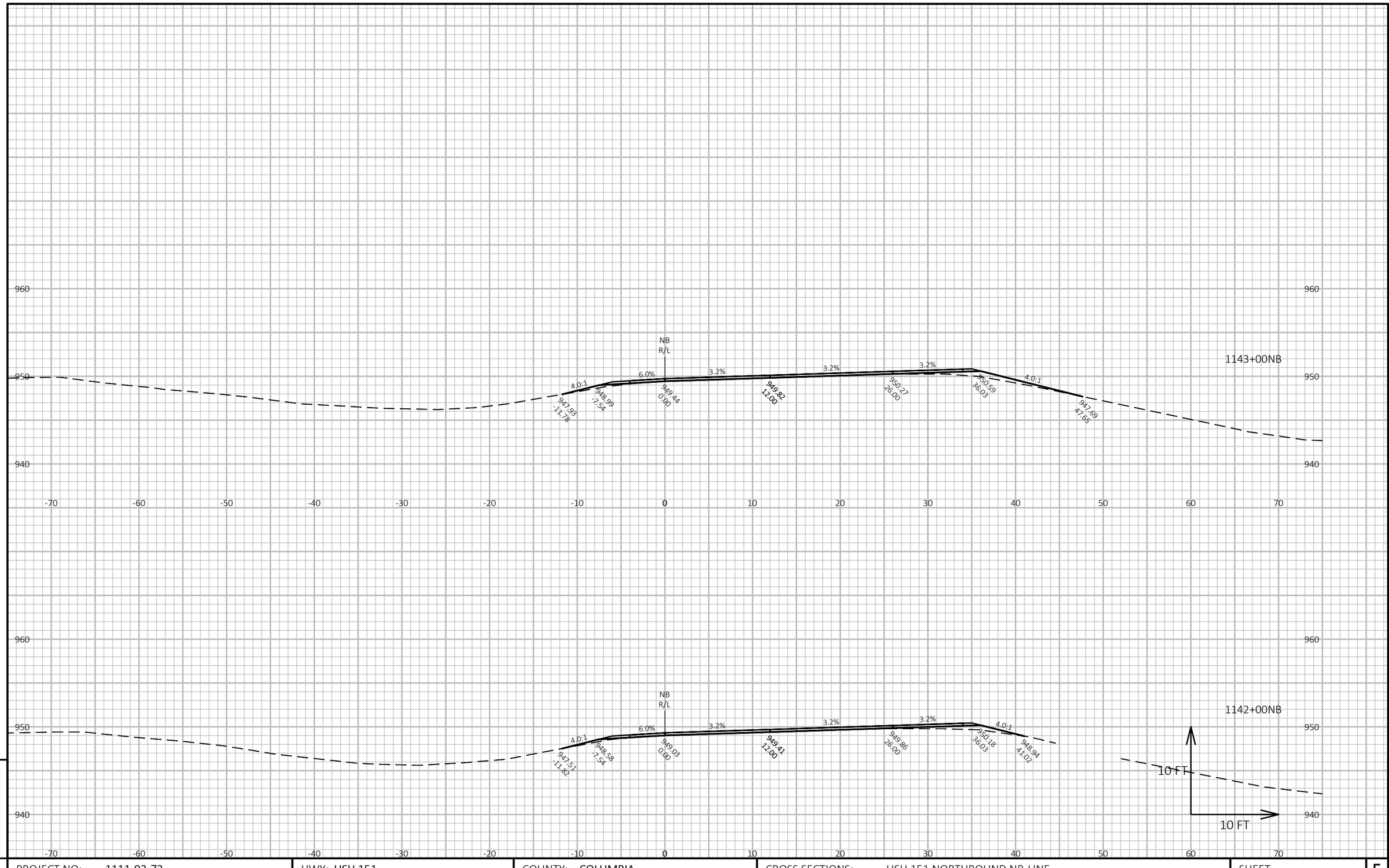
PLOT DATE : 2/14/2018 3:39 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

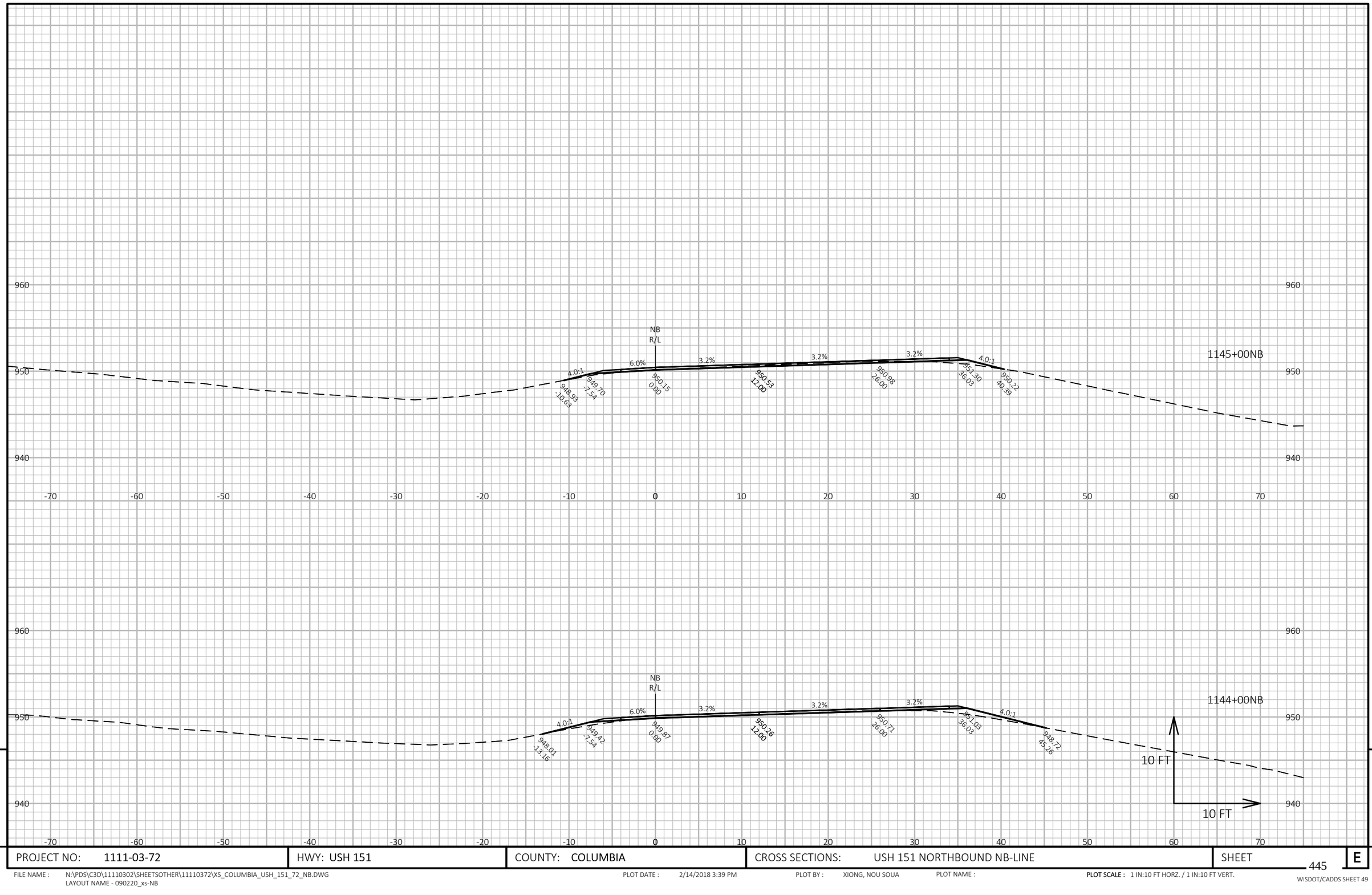


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 444 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090219_xs-NB

PLOT DATE : 2/14/2018 3:39 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 445 E

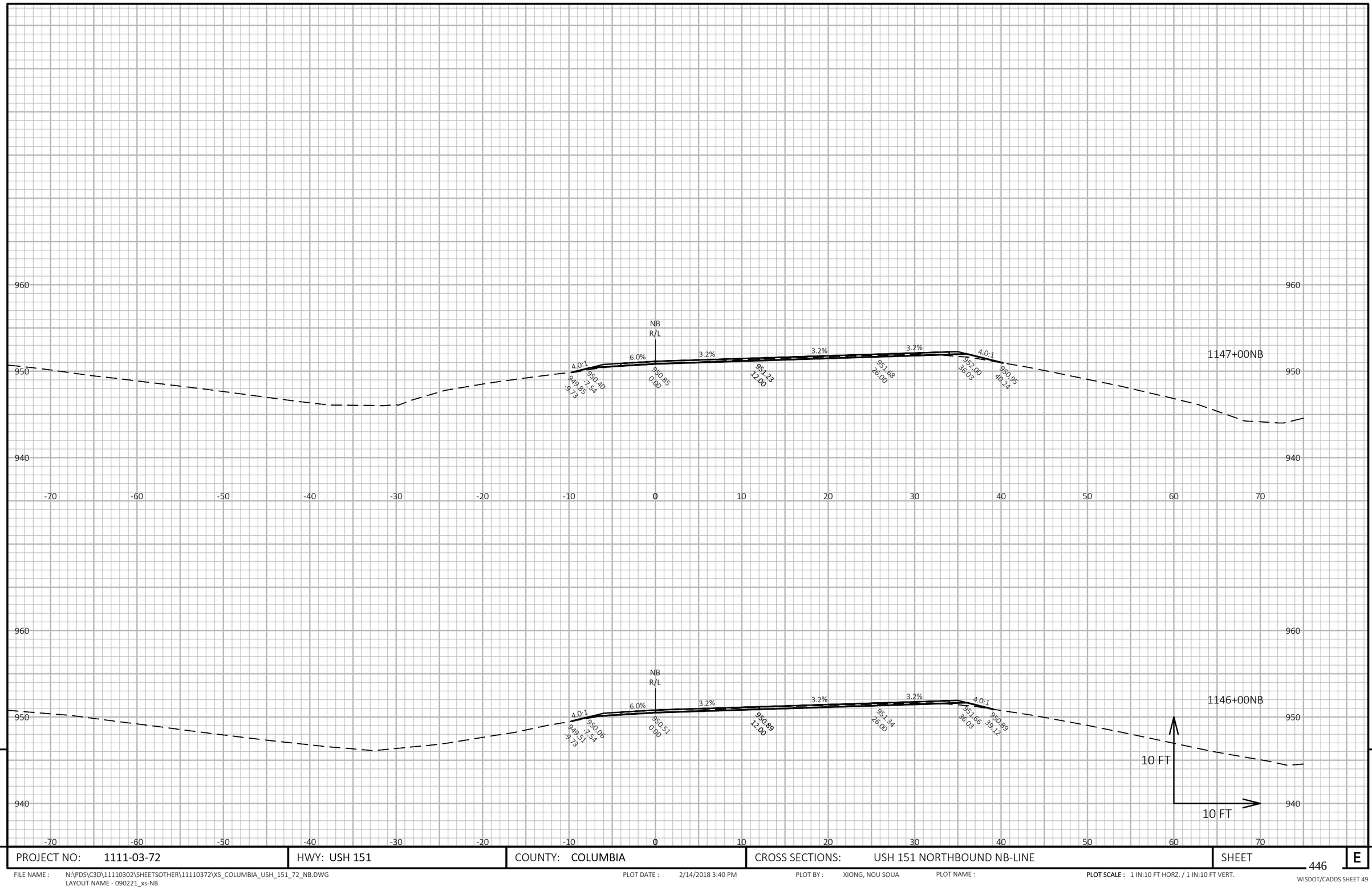
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LAYOUT NAME - 090220_xs-NB

PLOT DATE : 2/14/2018 3:39 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

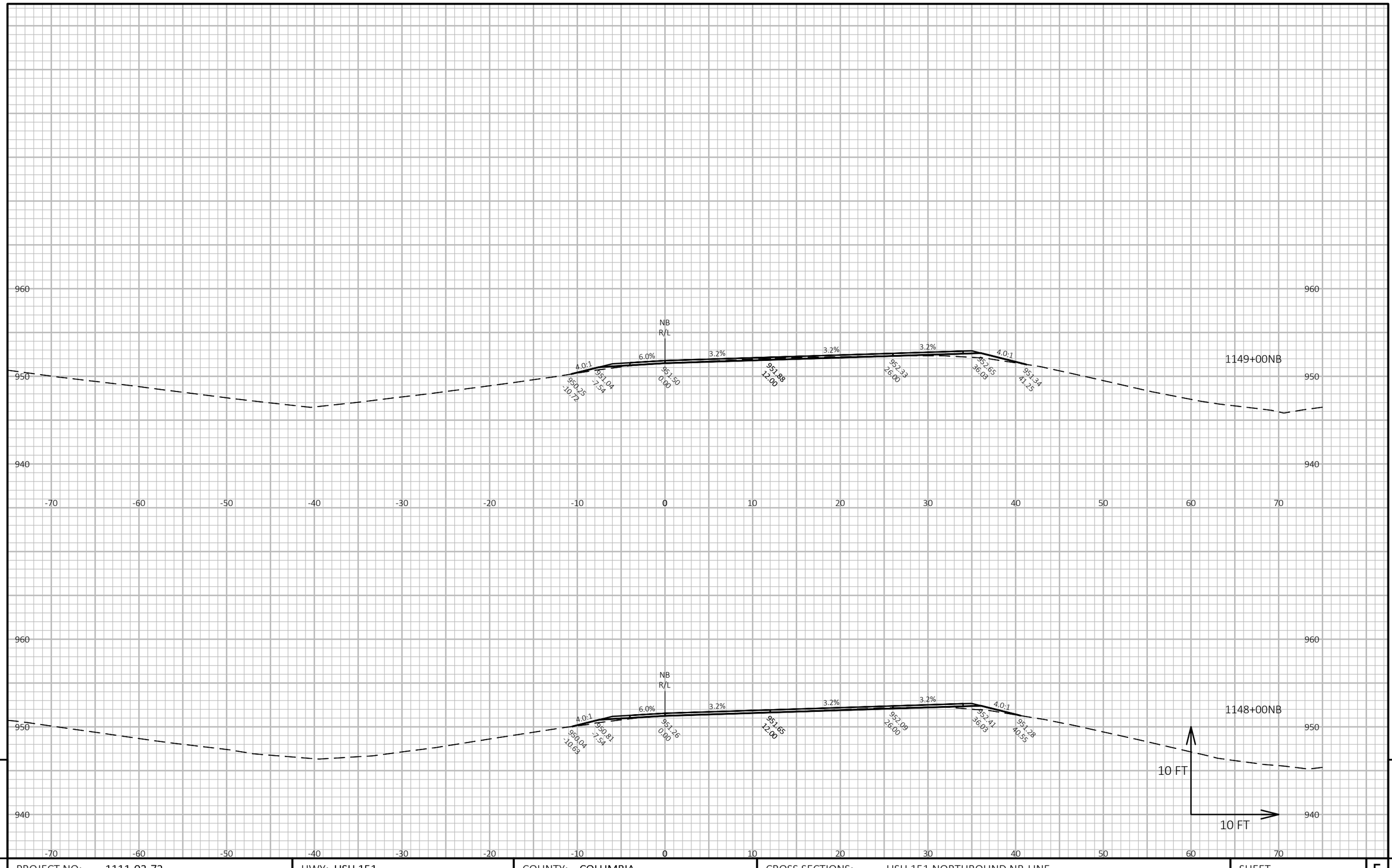


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 446 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090221_xs-NB

PLOT DATE : 2/14/2018 3:40 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

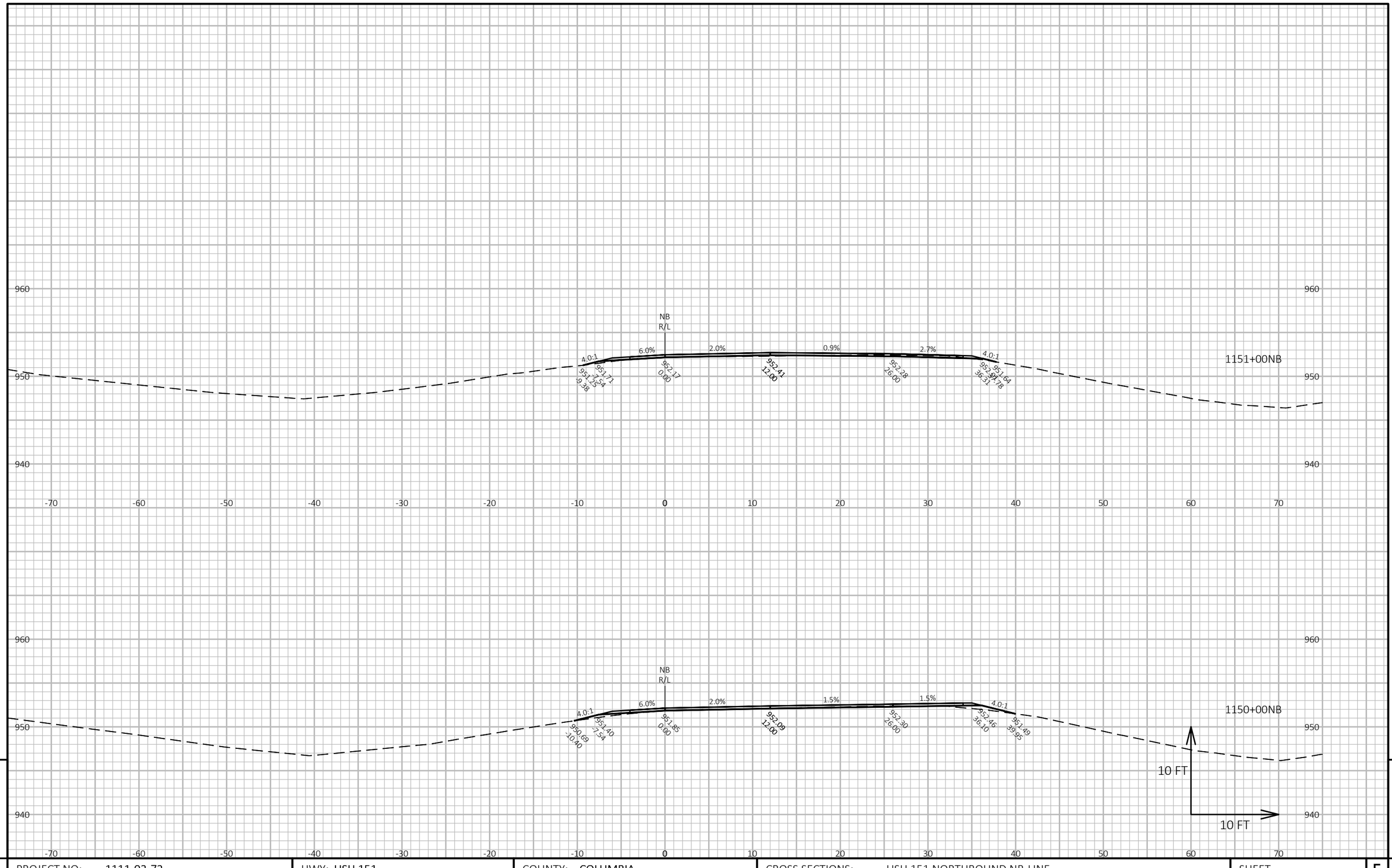


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 447 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090222_xs-NB

PLOT DATE : 2/14/2018 3:40 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 448	E

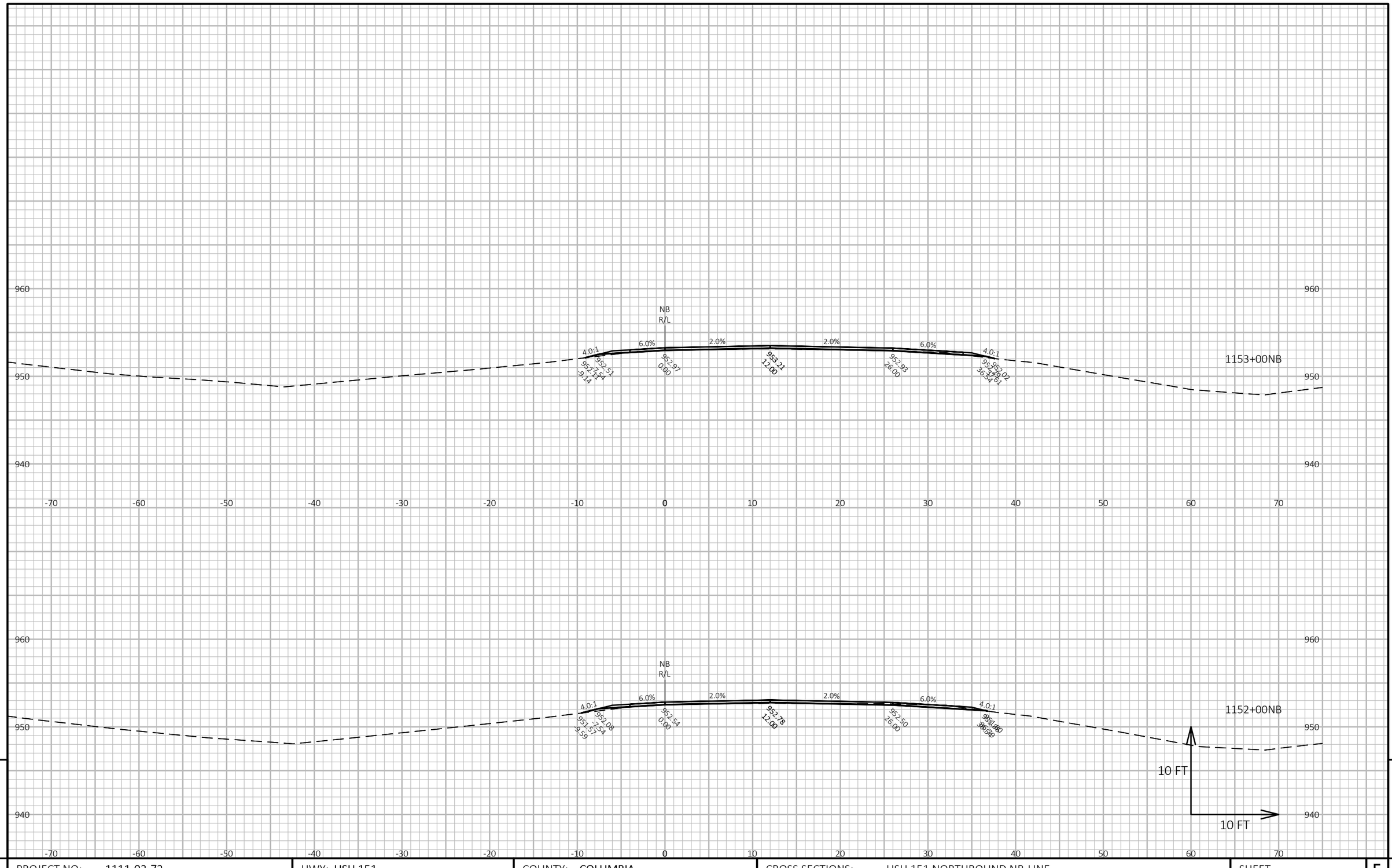
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LAYOUT NAME - 090223_xs-NB

PLOT DATE : 2/14/2018 3:40 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

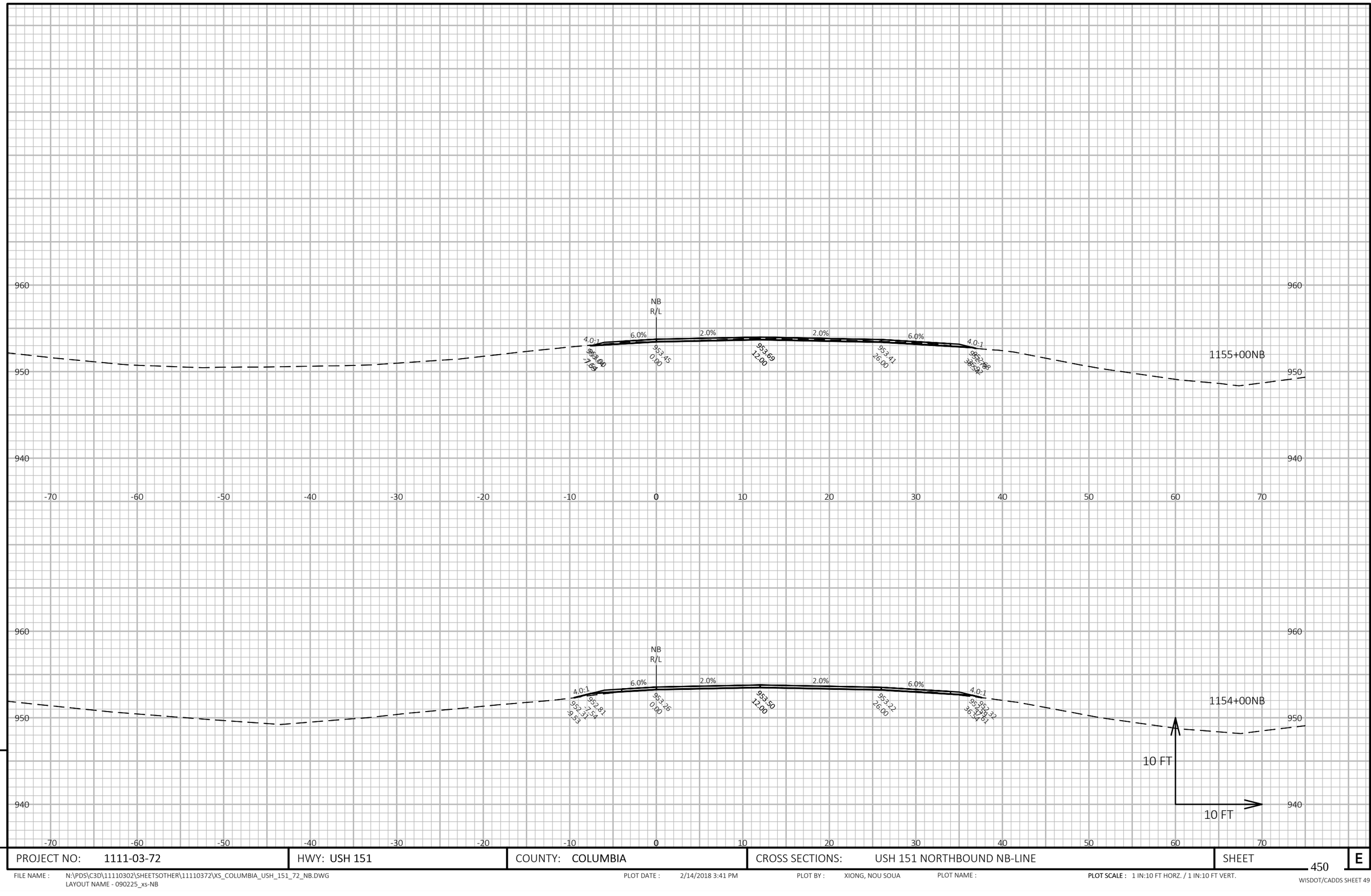
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 449 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090224_xs-NB

PLOT DATE : 2/14/2018 3:41 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 450 E

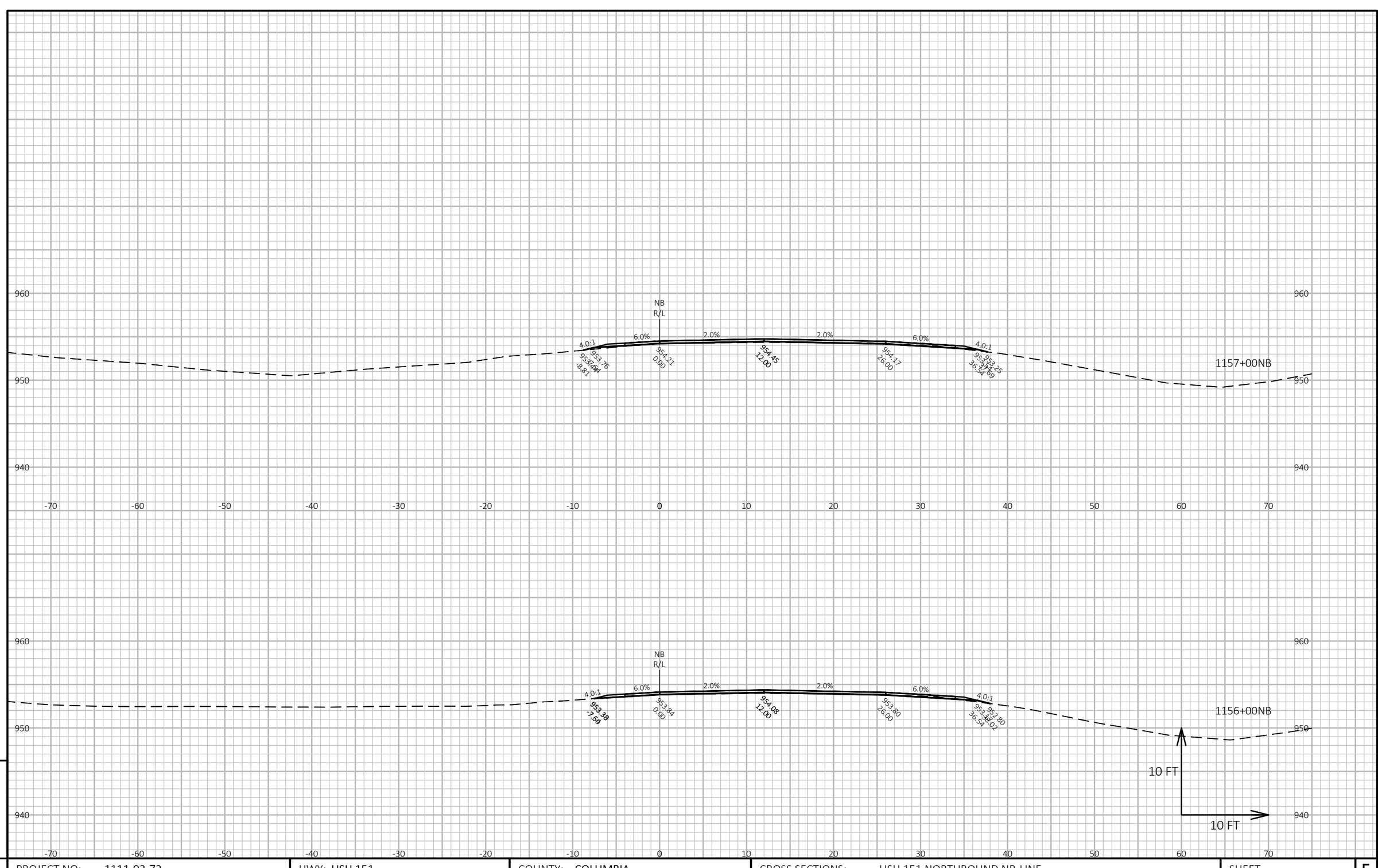
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LAYOUT NAME - 090225_xs-NB

PLOT DATE : 2/14/2018 3:41 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 451	E

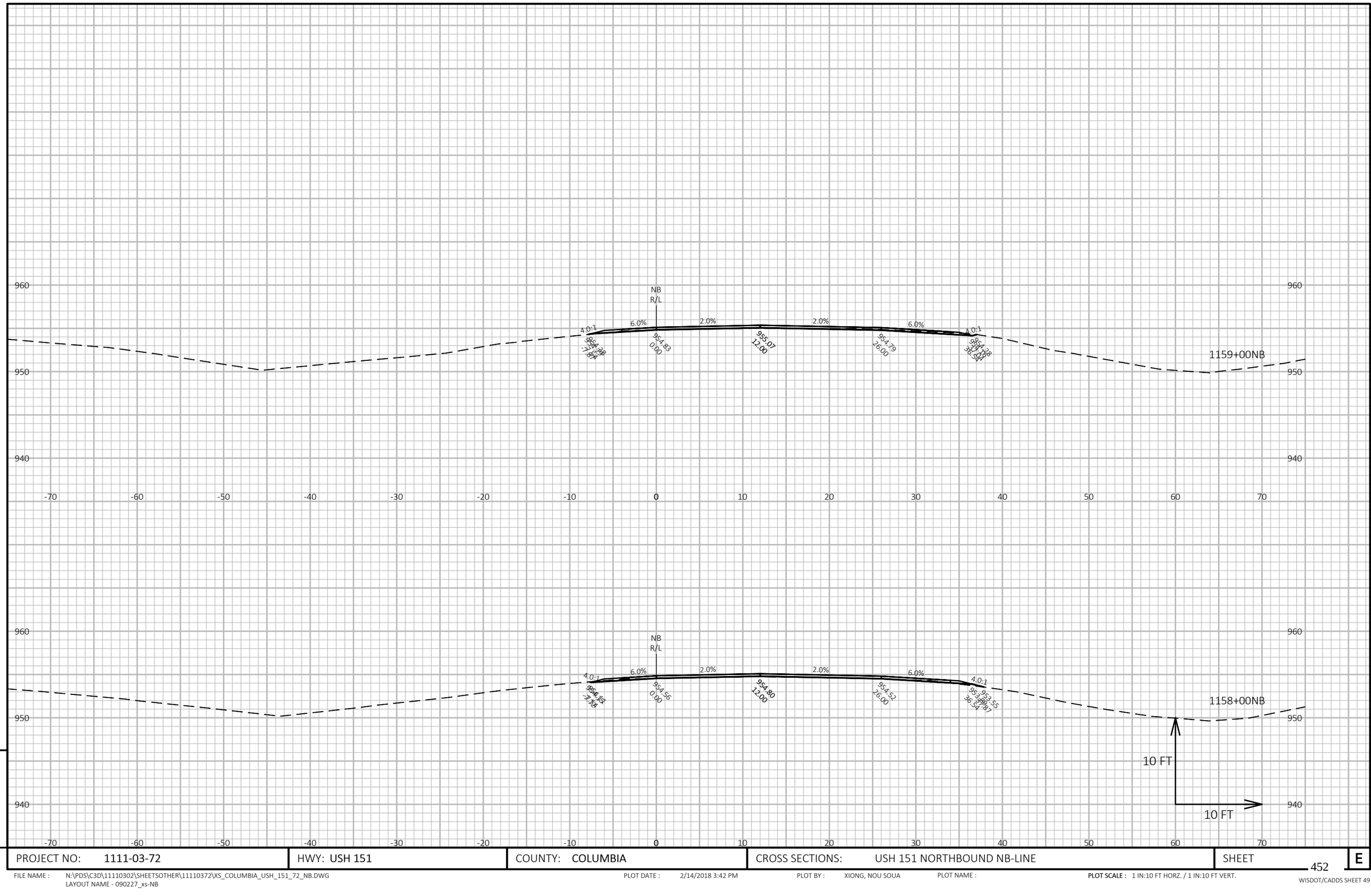
FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090226_xs-NB

PLOT DATE : 2/14/2018 3:41 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 452	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090227_xs-NB

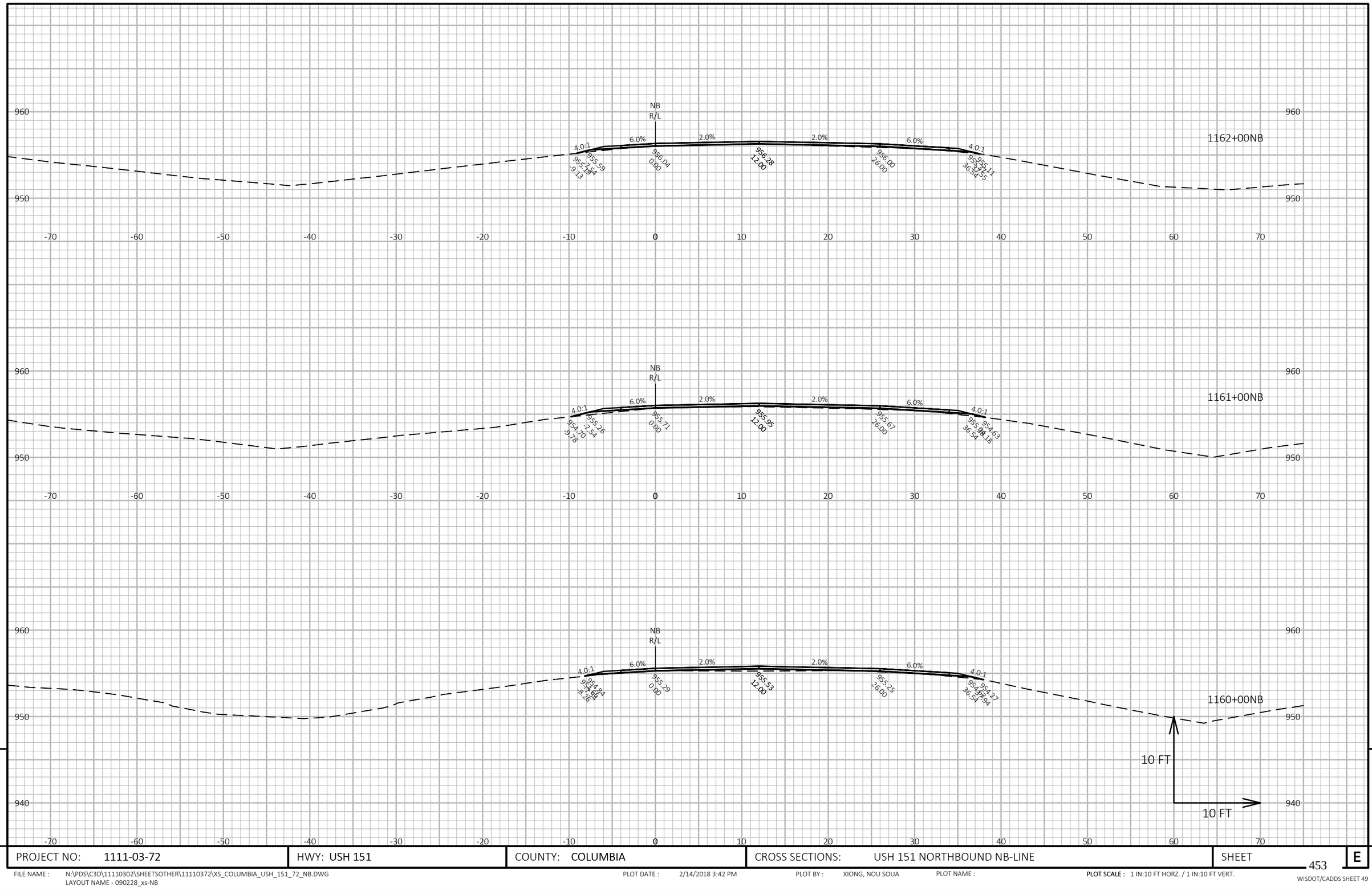
PLOT DATE : 2/14/2018 3:42 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



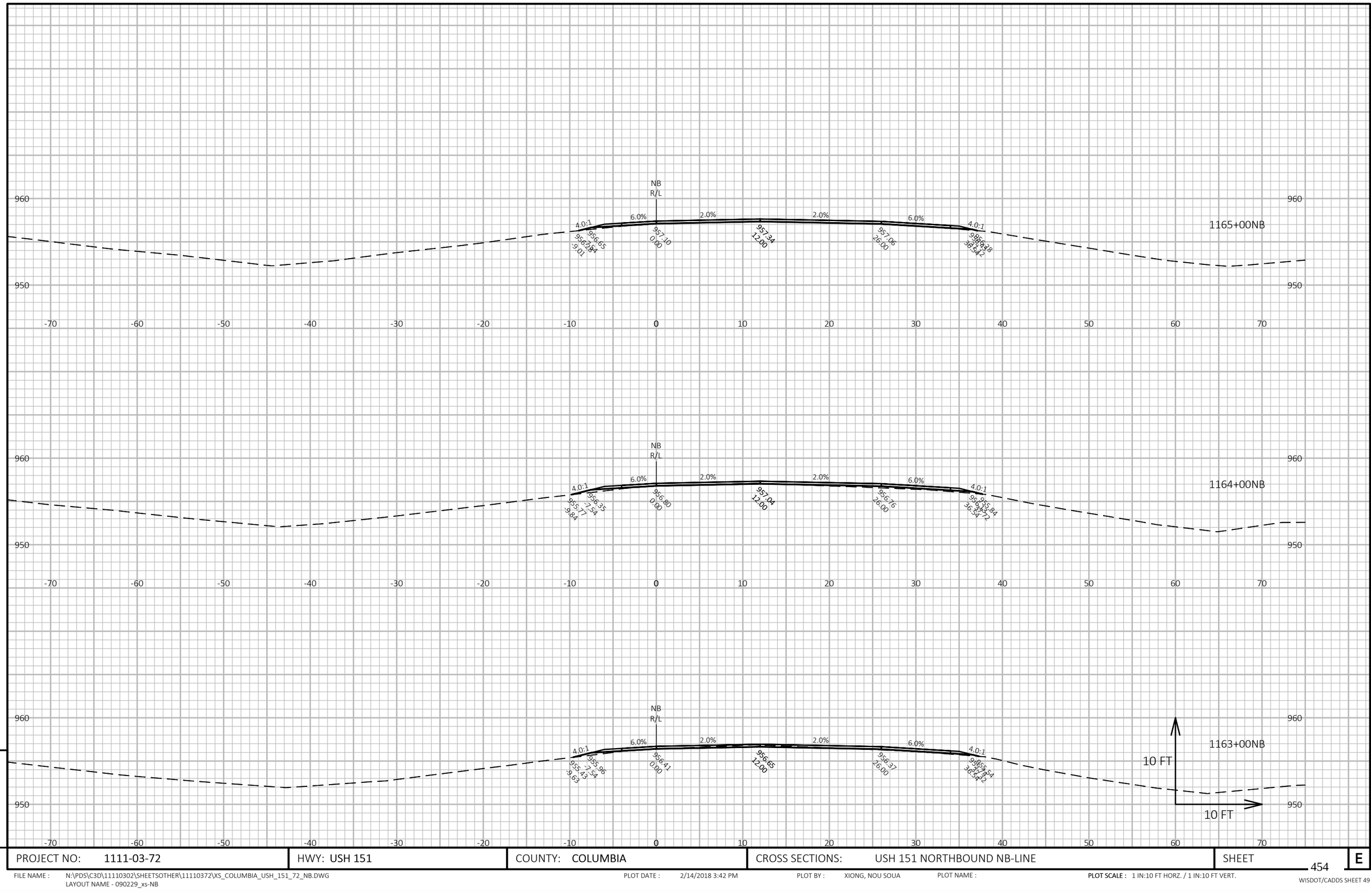
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 453	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090228_xs-NB

PLOT DATE : 2/14/2018 3:42 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 454 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090229_xs-NB

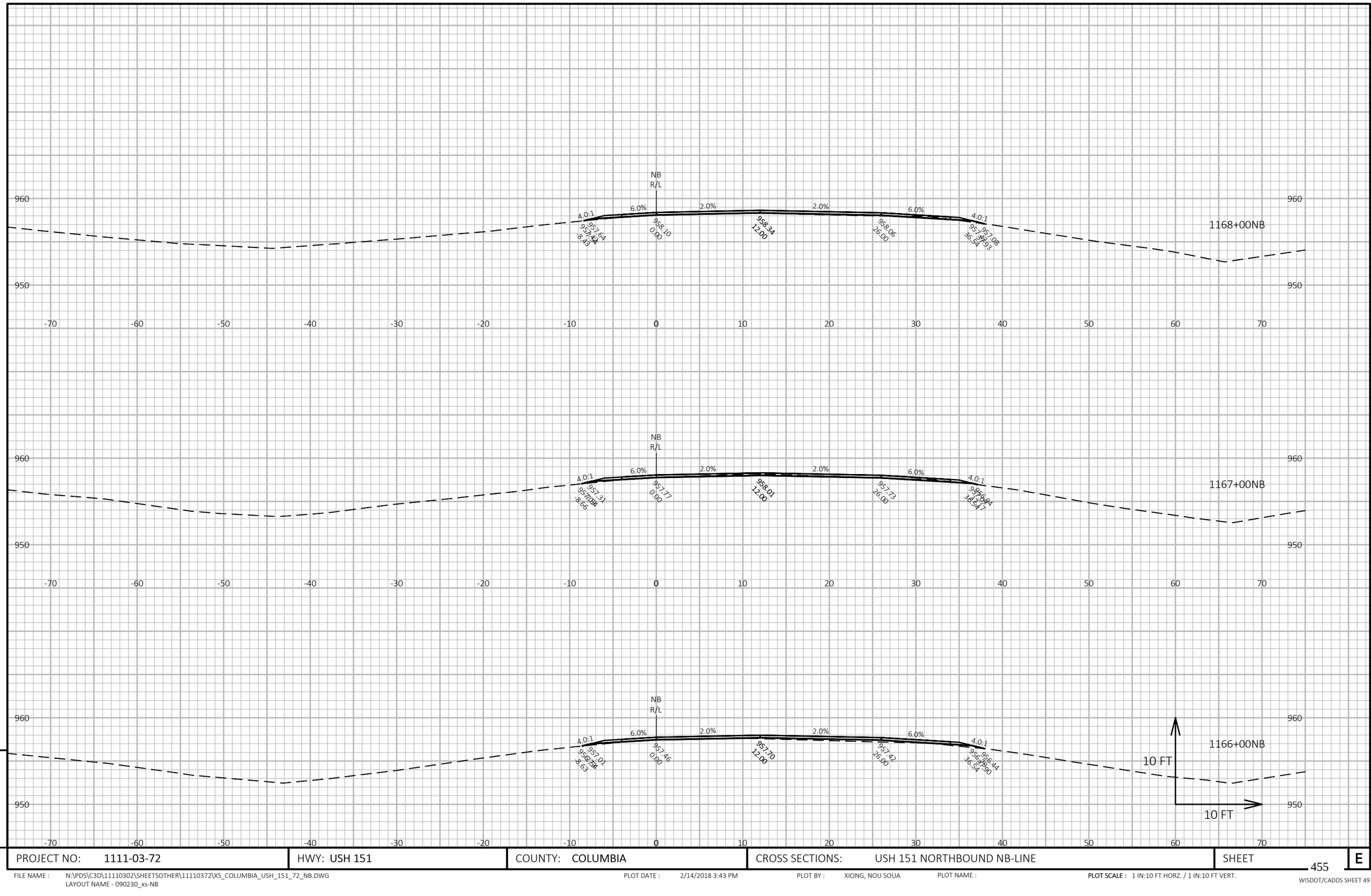
PLOT DATE : 2/14/2018 3:42 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 455	E

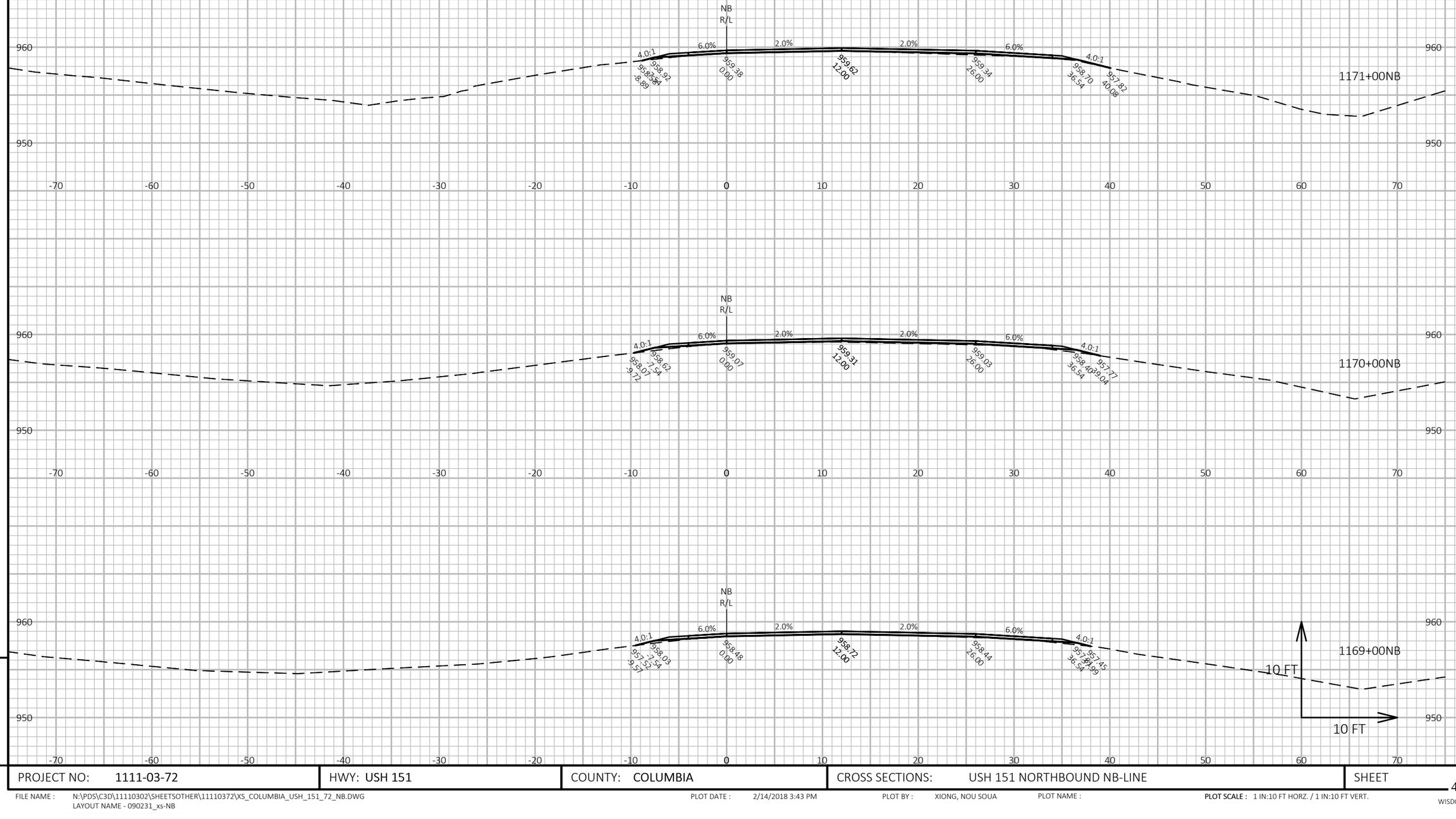
FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090230_xs-NB

PLOT DATE : 2/14/2018 3:43 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

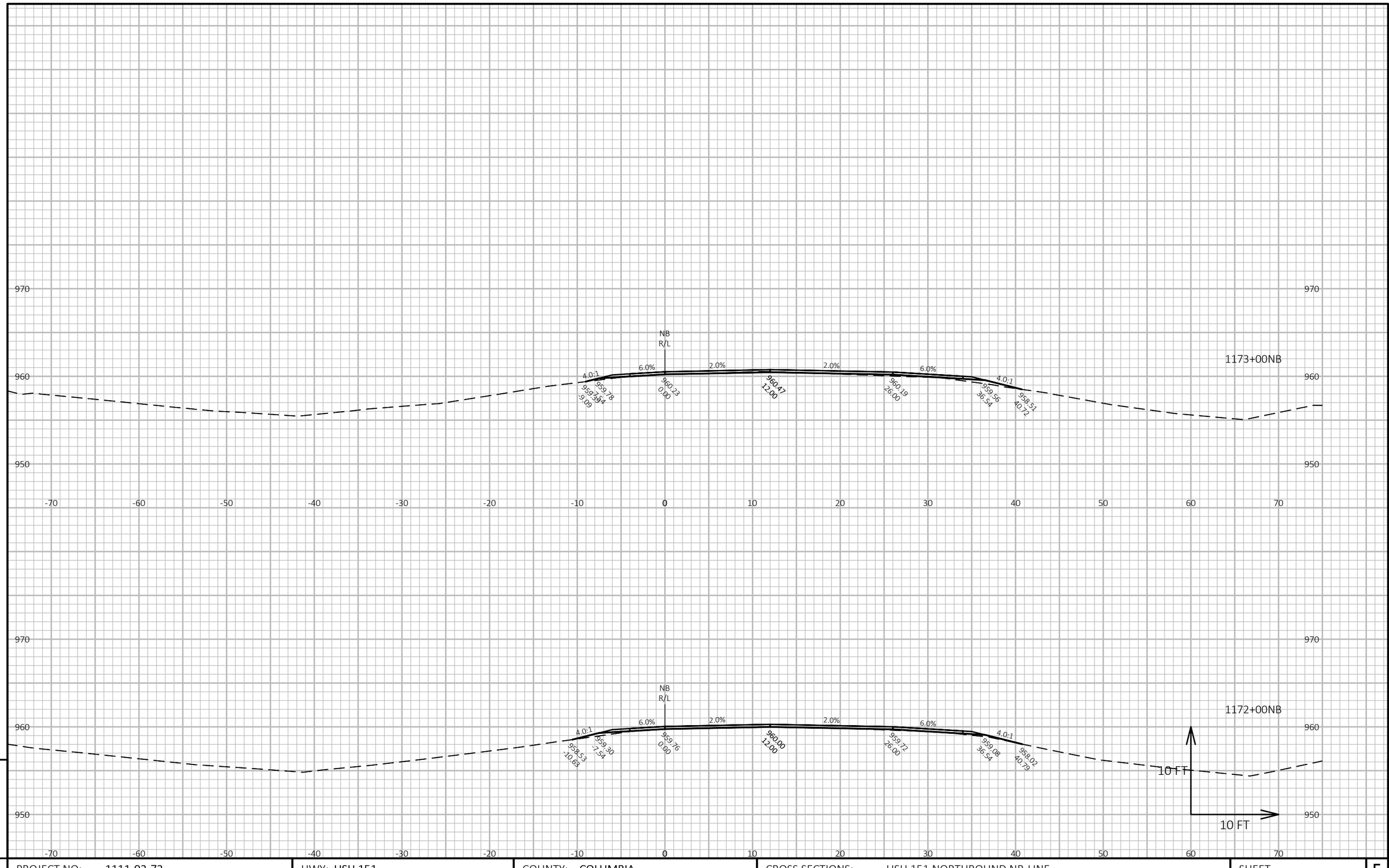


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 456 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090231_xs-NB

PLOT DATE : 2/14/2018 3:43 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 457	E

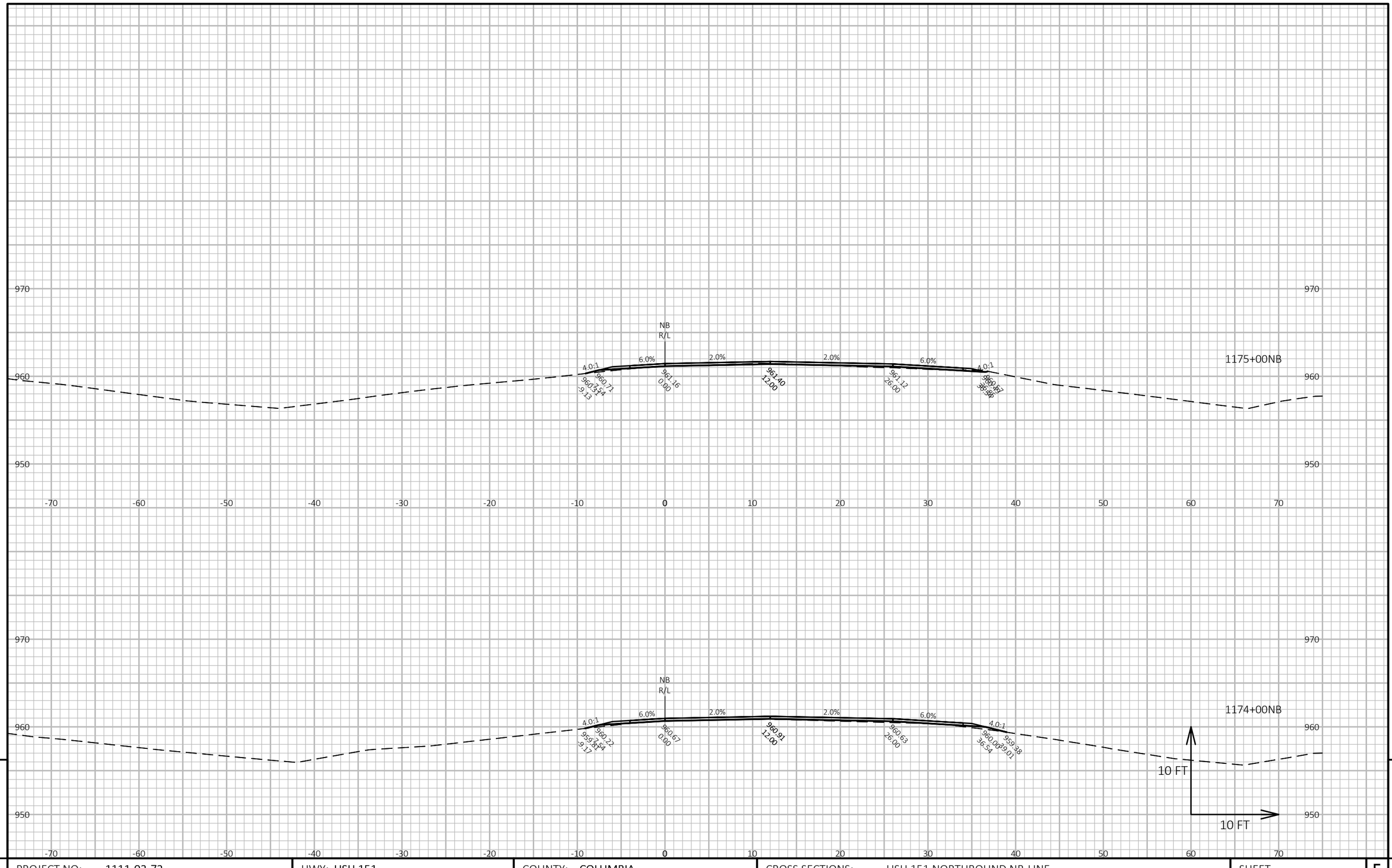
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LAYOUT NAME - 090232_xs-NB

PLOT DATE : 2/14/2018 3:43 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 458 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090233_xs-NB

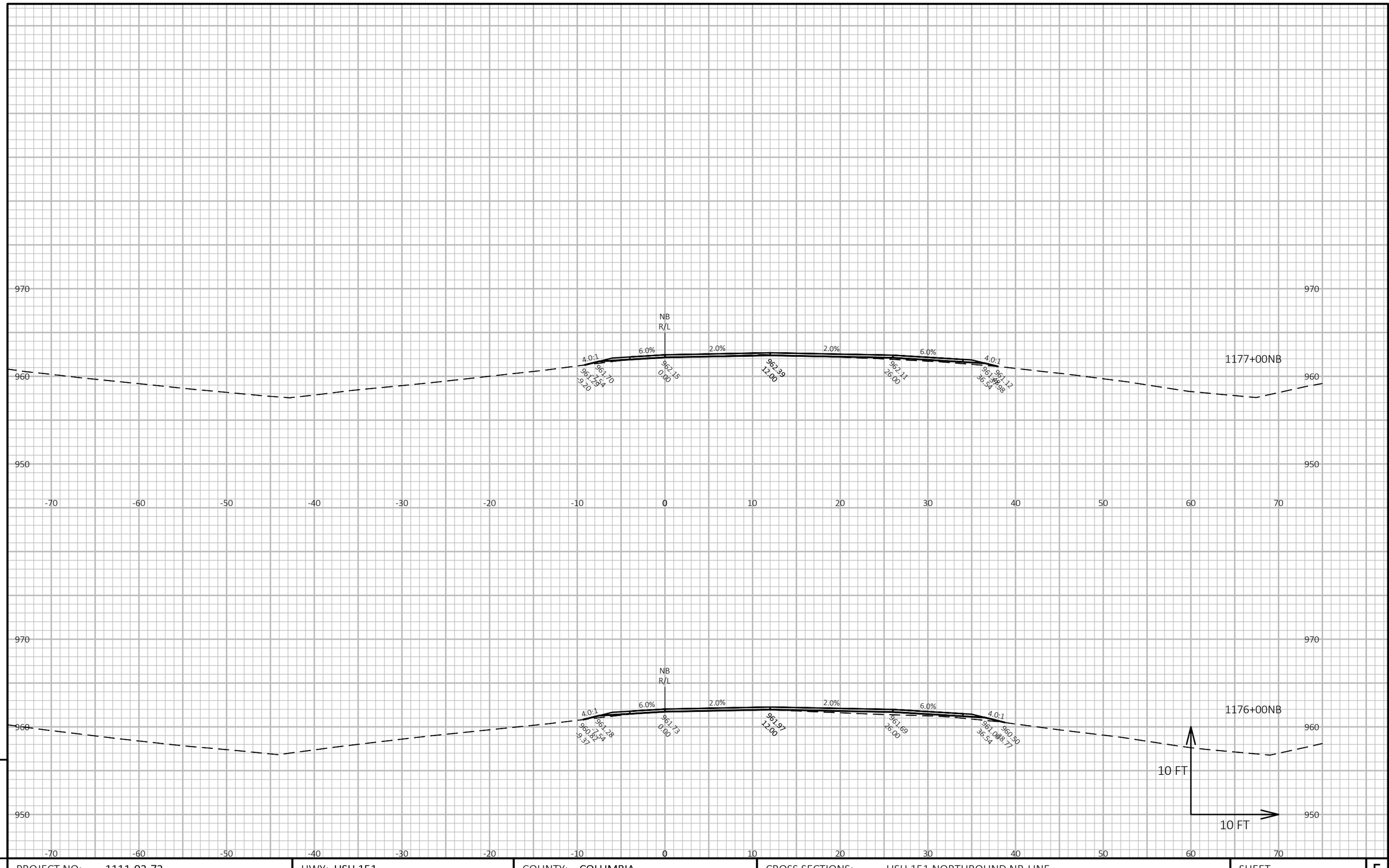
PLOT DATE : 2/14/2018 3:44 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

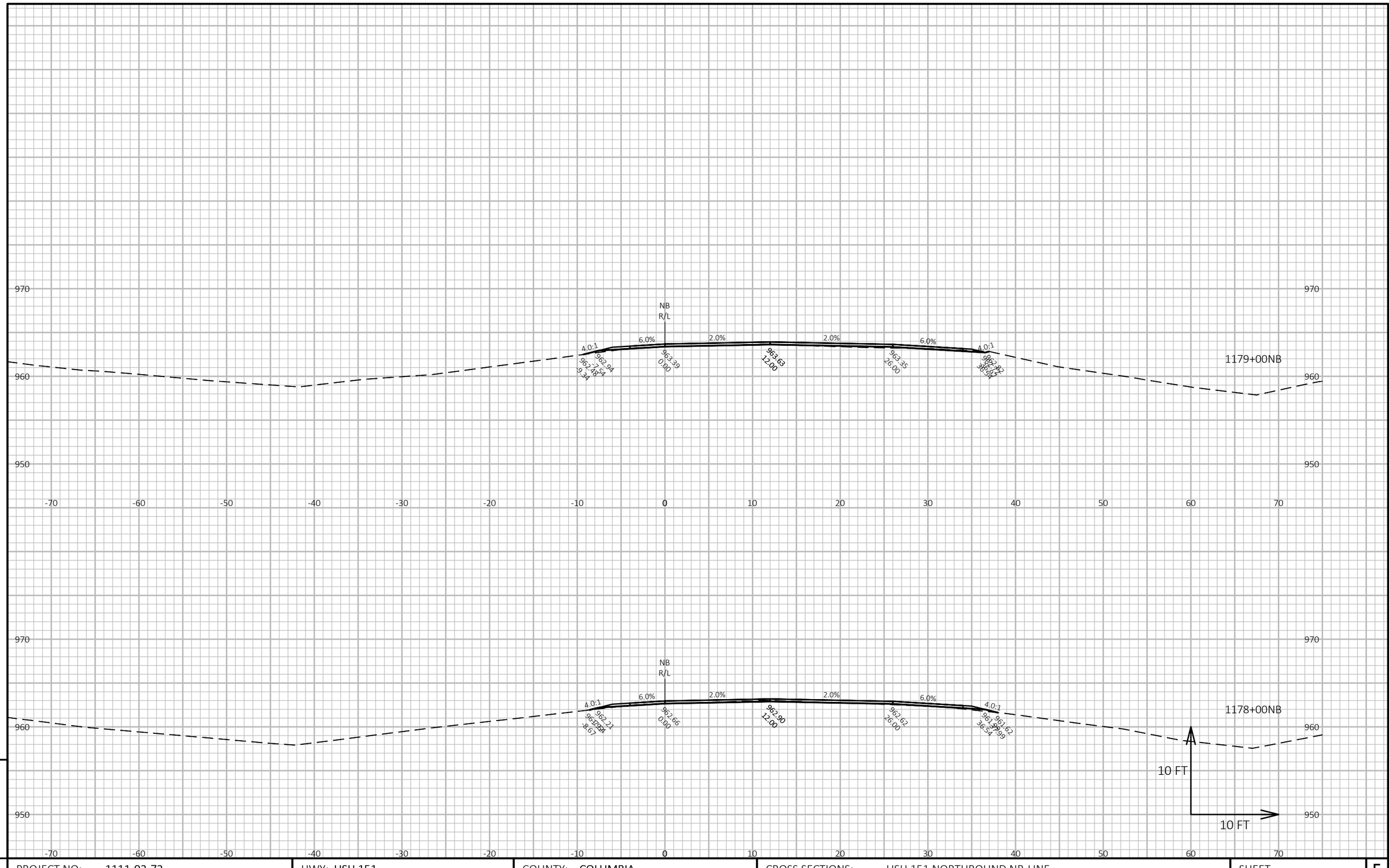
WISDOT/CADDS SHEET 49



PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 459 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090234_xs-NB

PLOT DATE : 2/14/2018 3:44 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 460	E

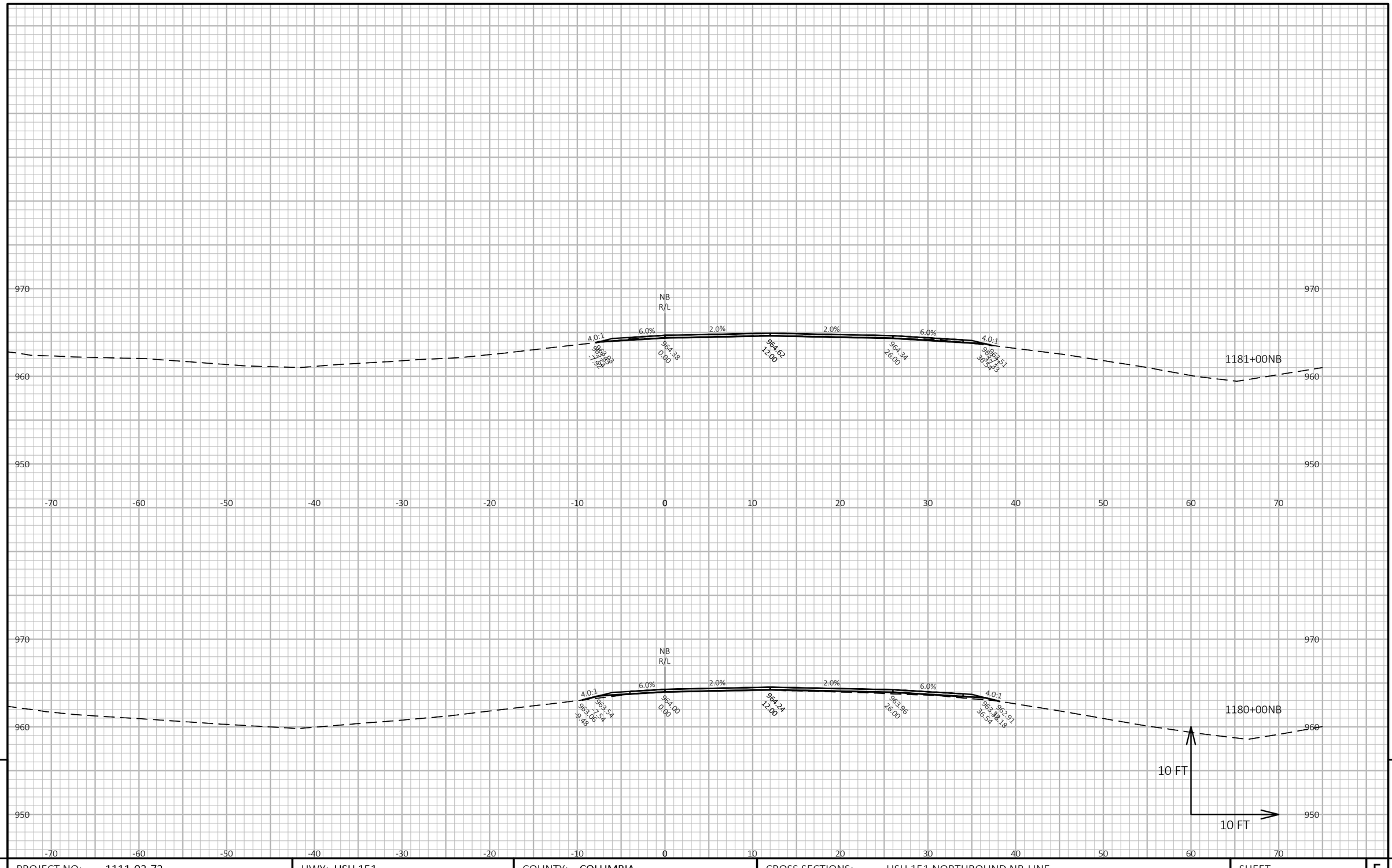
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LAYOUT NAME - 090235_xs-NB

PLOT DATE : 2/14/2018 3:44 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

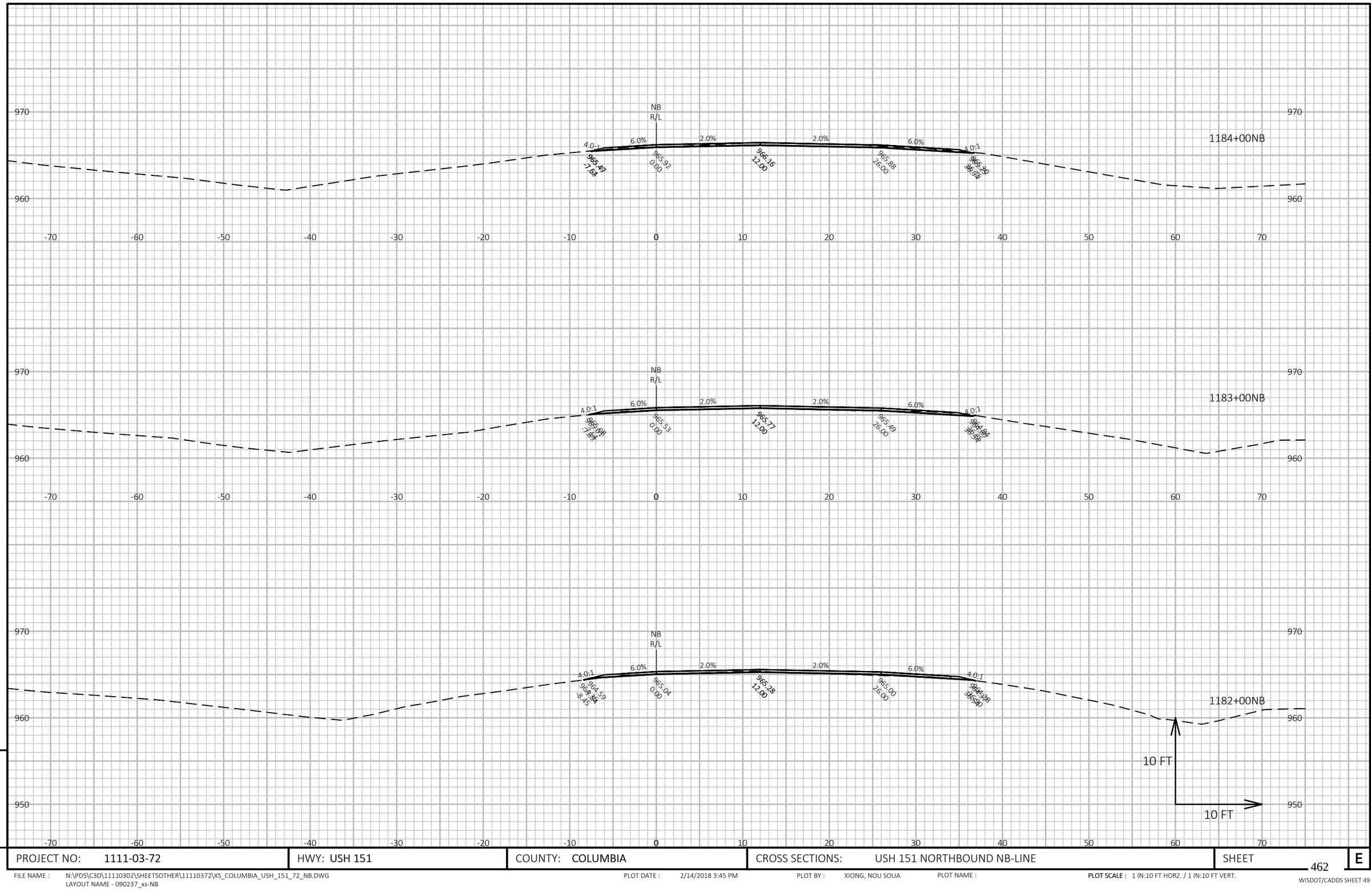
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 461 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090236_xs-NB

PLOT DATE : 2/14/2018 3:45 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



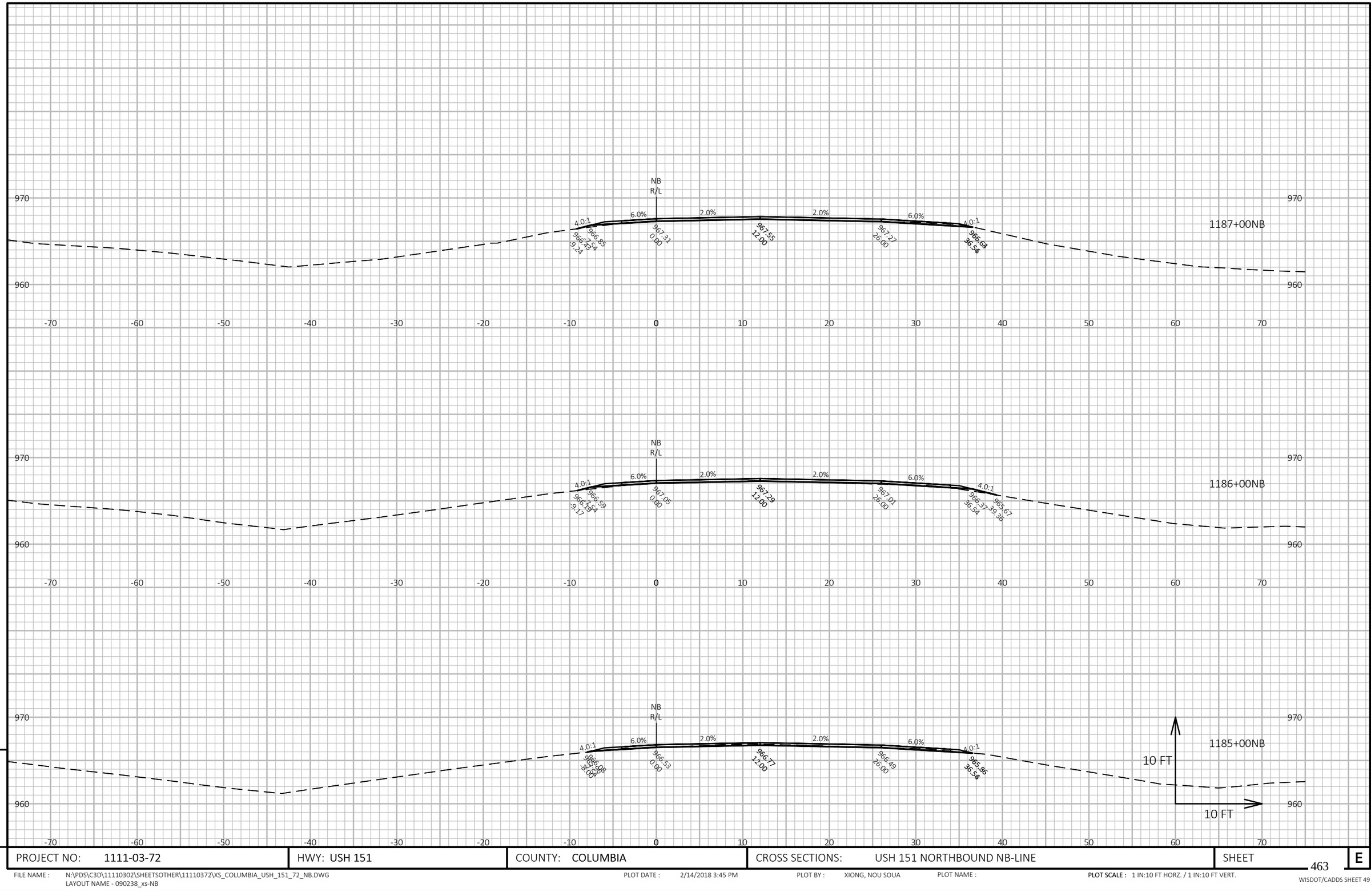
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 462	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090237_xs-NB

PLOT DATE : 2/14/2018 3:45 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 463 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090238_xs-NB

PLOT DATE : 2/14/2018 3:45 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 464	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090239_xs-NB

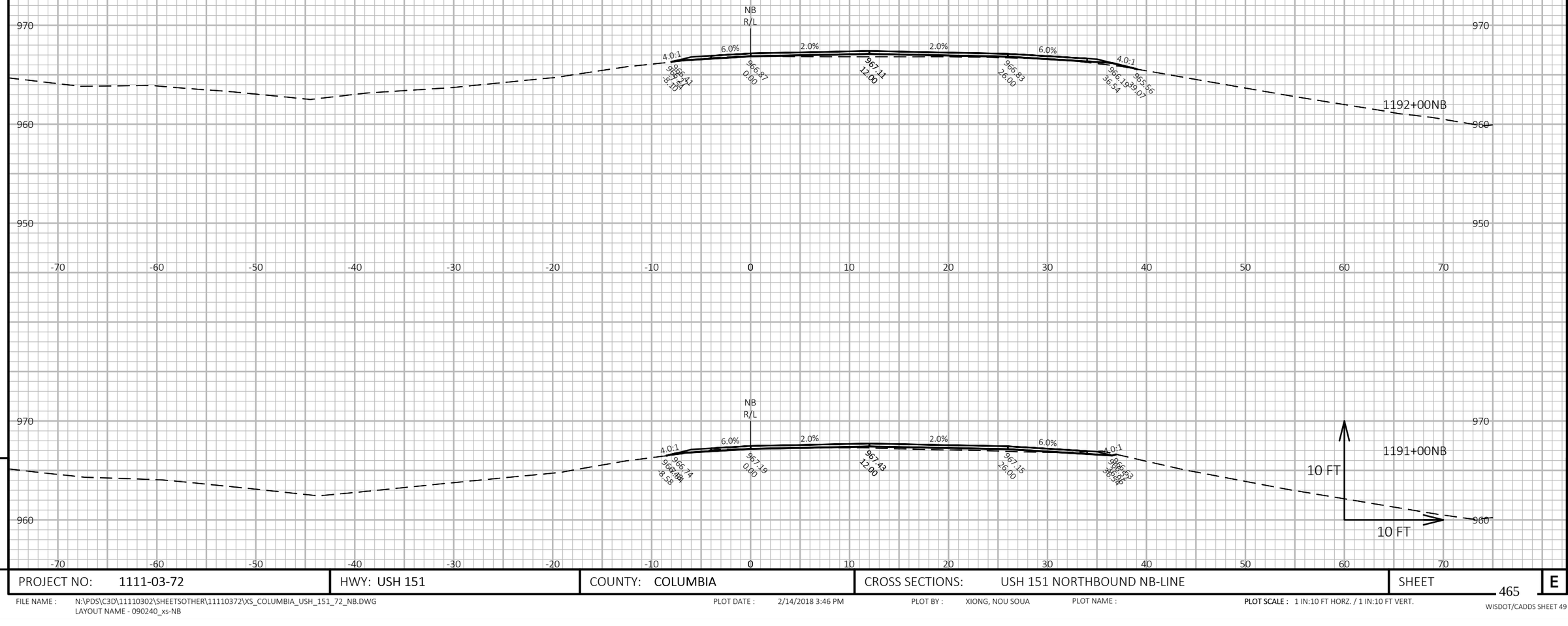
PLOT DATE : 2/14/2018 3:46 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



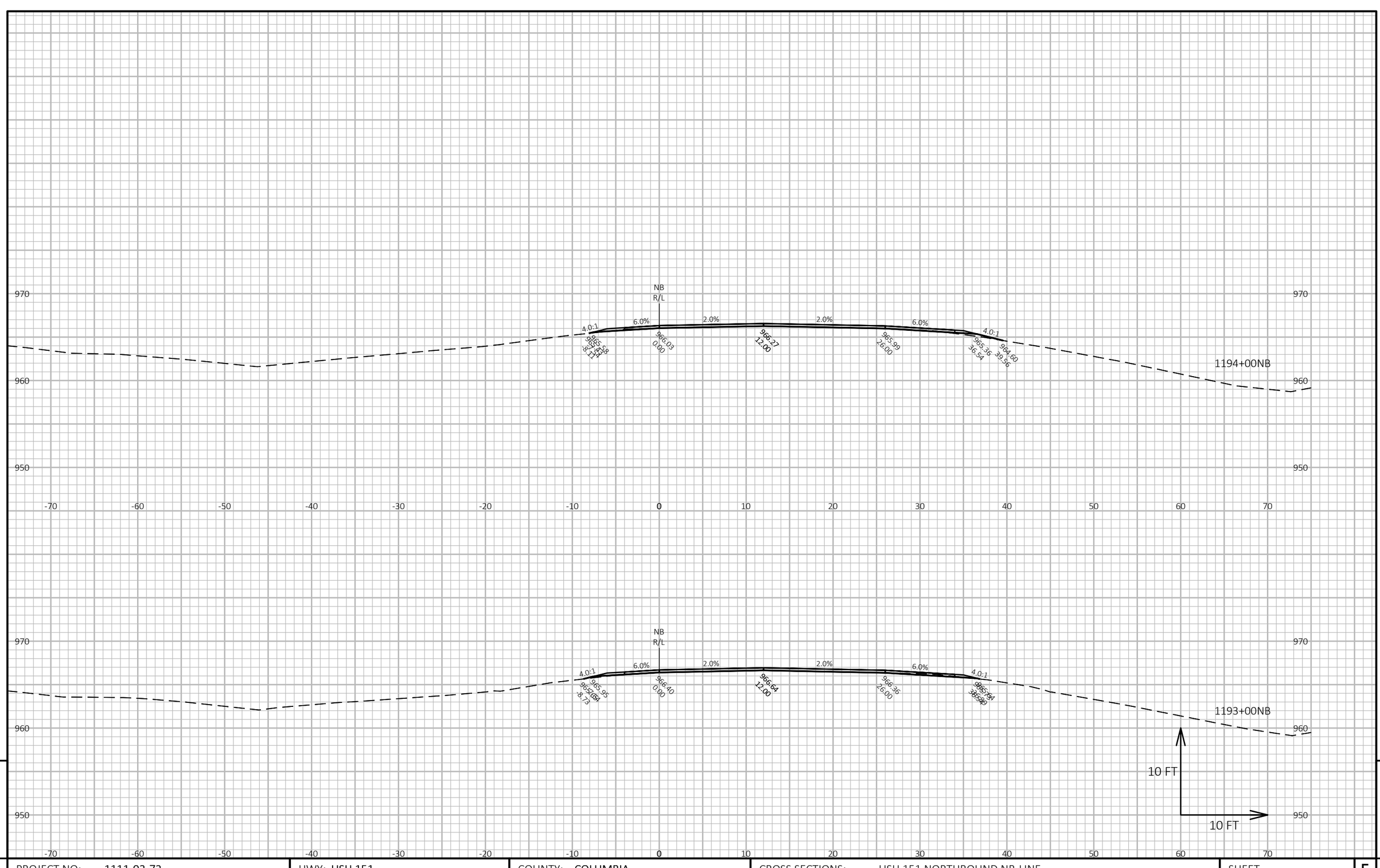
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 465	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090240_xs-NB

PLOT DATE : 2/14/2018 3:46 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 466	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090241_xs-NB

PLOT DATE : 2/14/2018 3:46 PM

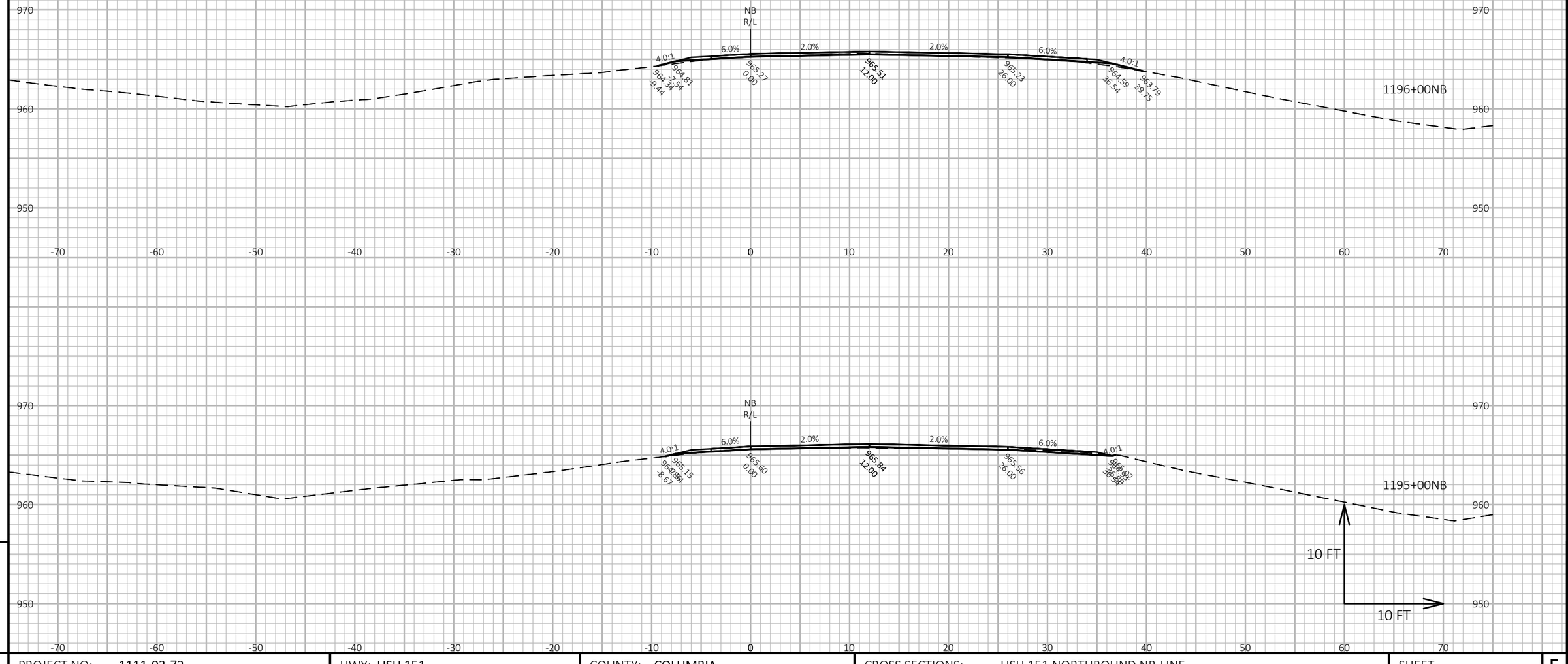
PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 467	E

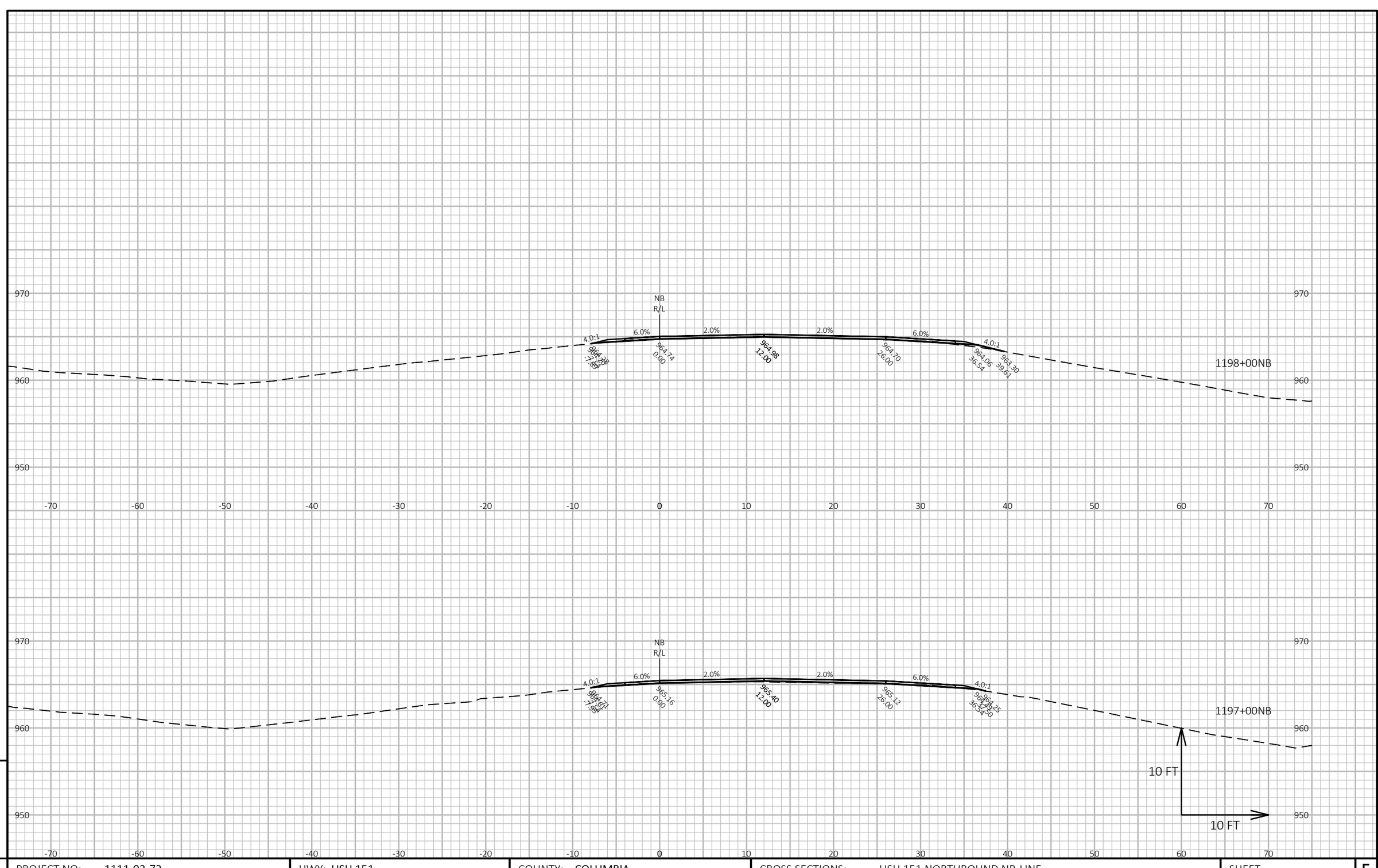
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LAYOUT NAME - 090242_xs-NB

PLOT DATE : 2/14/2018 3:47 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 468	E

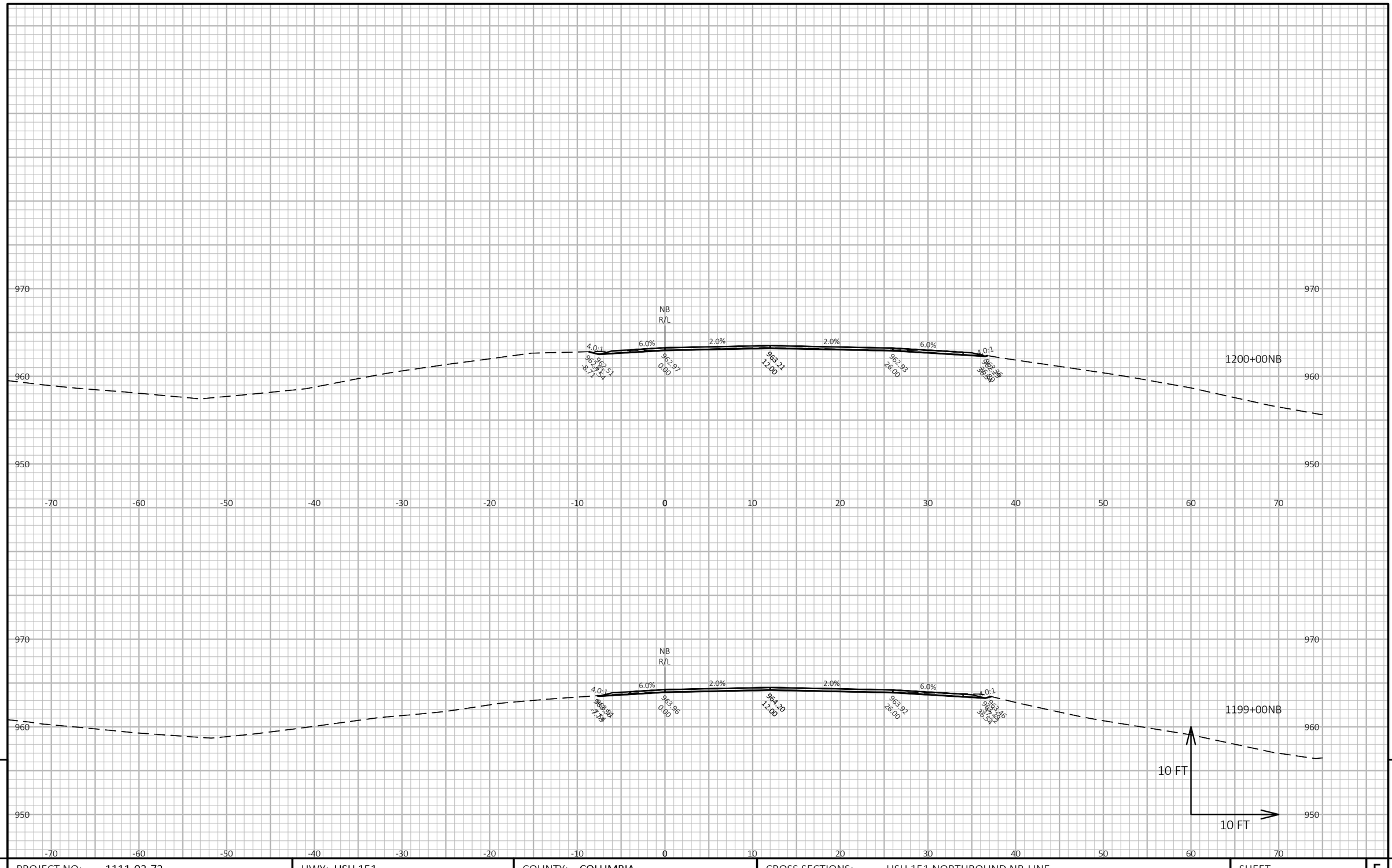
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LAYOUT NAME - 090243_xs-NB

PLOT DATE : 2/14/2018 3:47 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 469	E

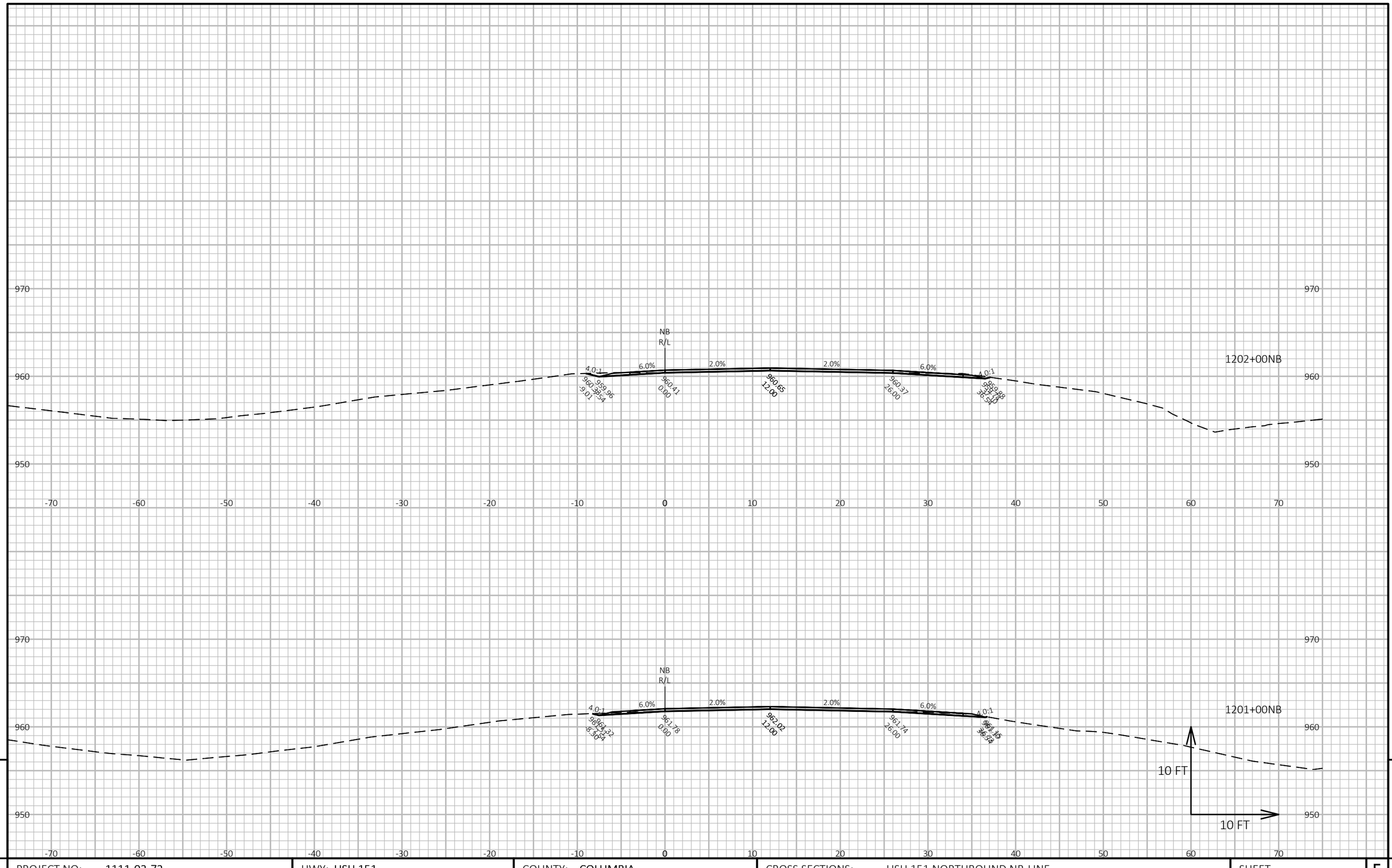
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LAYOUT NAME - 090244_xs-NB

PLOT DATE : 2/14/2018 3:48 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 470	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090245_xs-NB

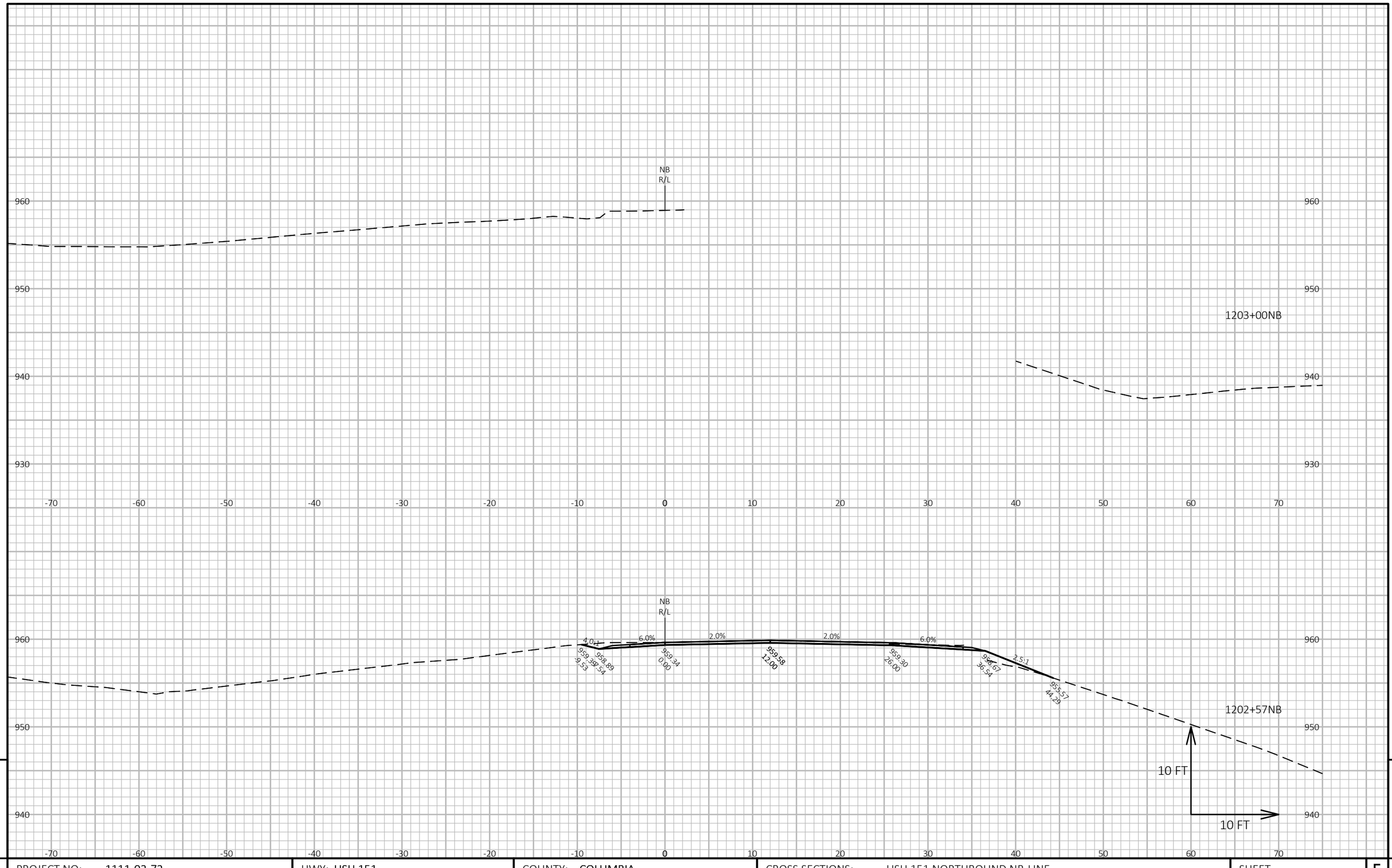
PLOT DATE : 2/14/2018 3:48 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

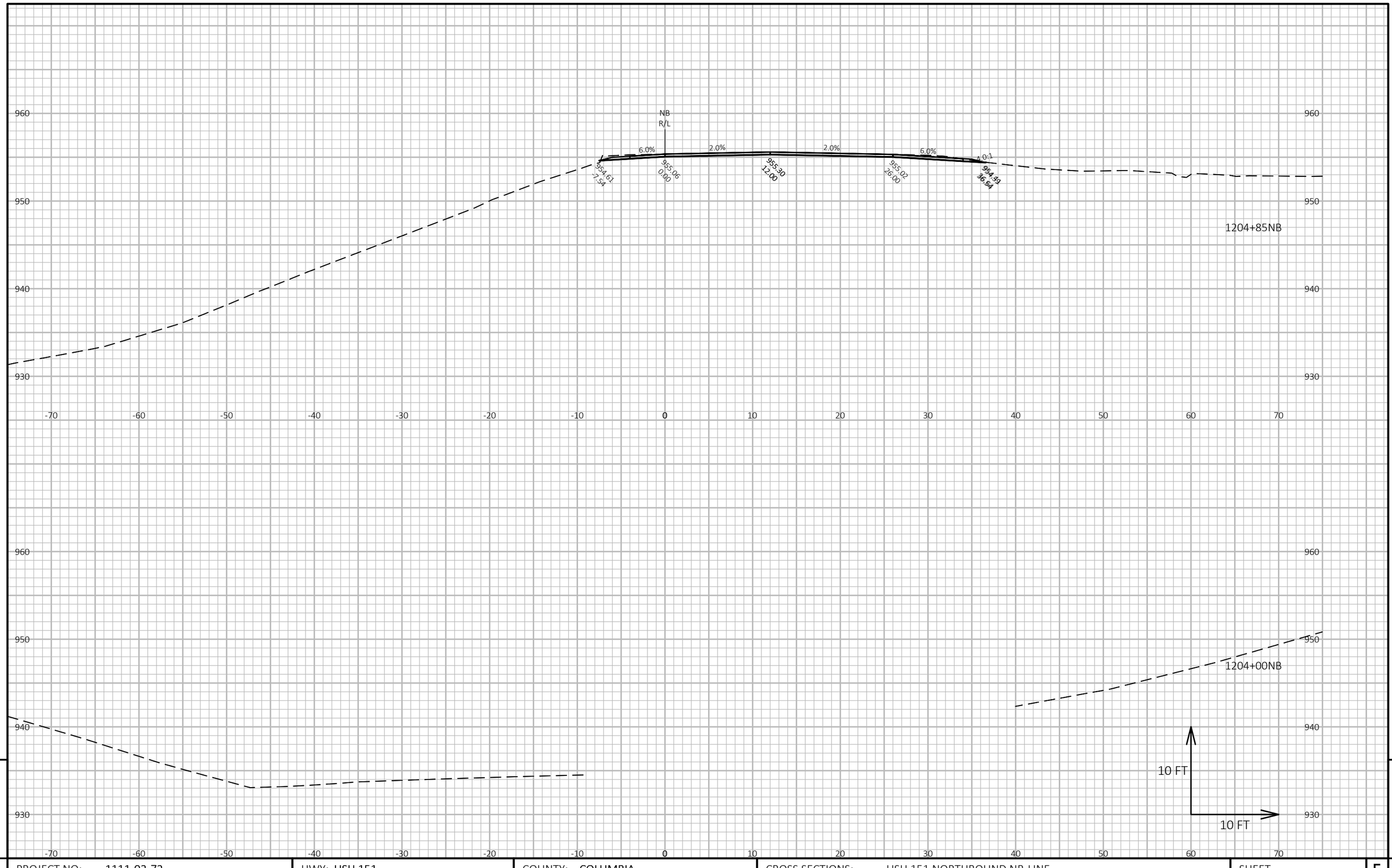
WISDOT/CADDS SHEET 49



PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 471

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090246_xs-NB

PLOT DATE : 2/14/2018 3:48 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



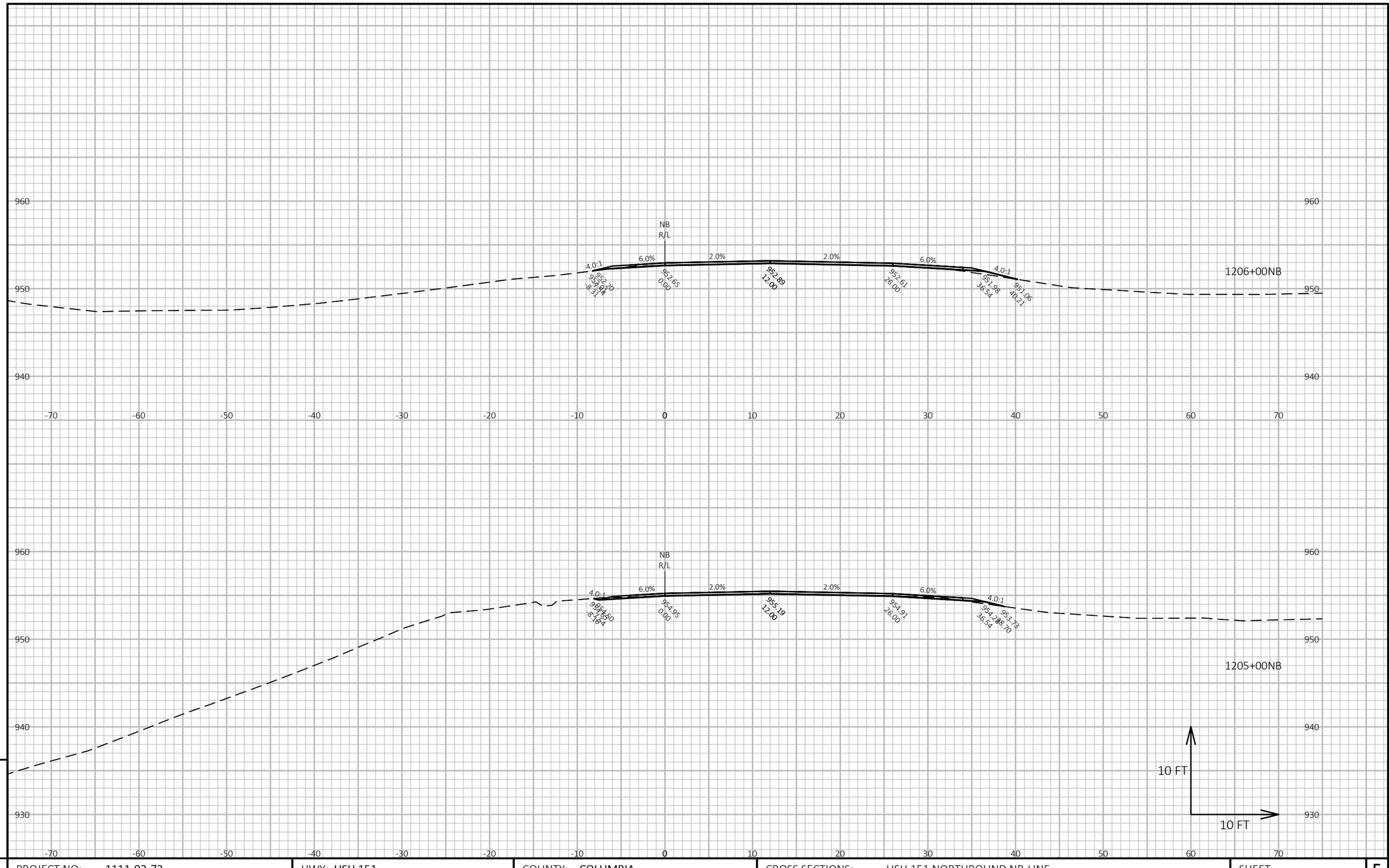
PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 472 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090247_xs-NB

PLOT DATE : 2/14/2018 3:49 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 473	E

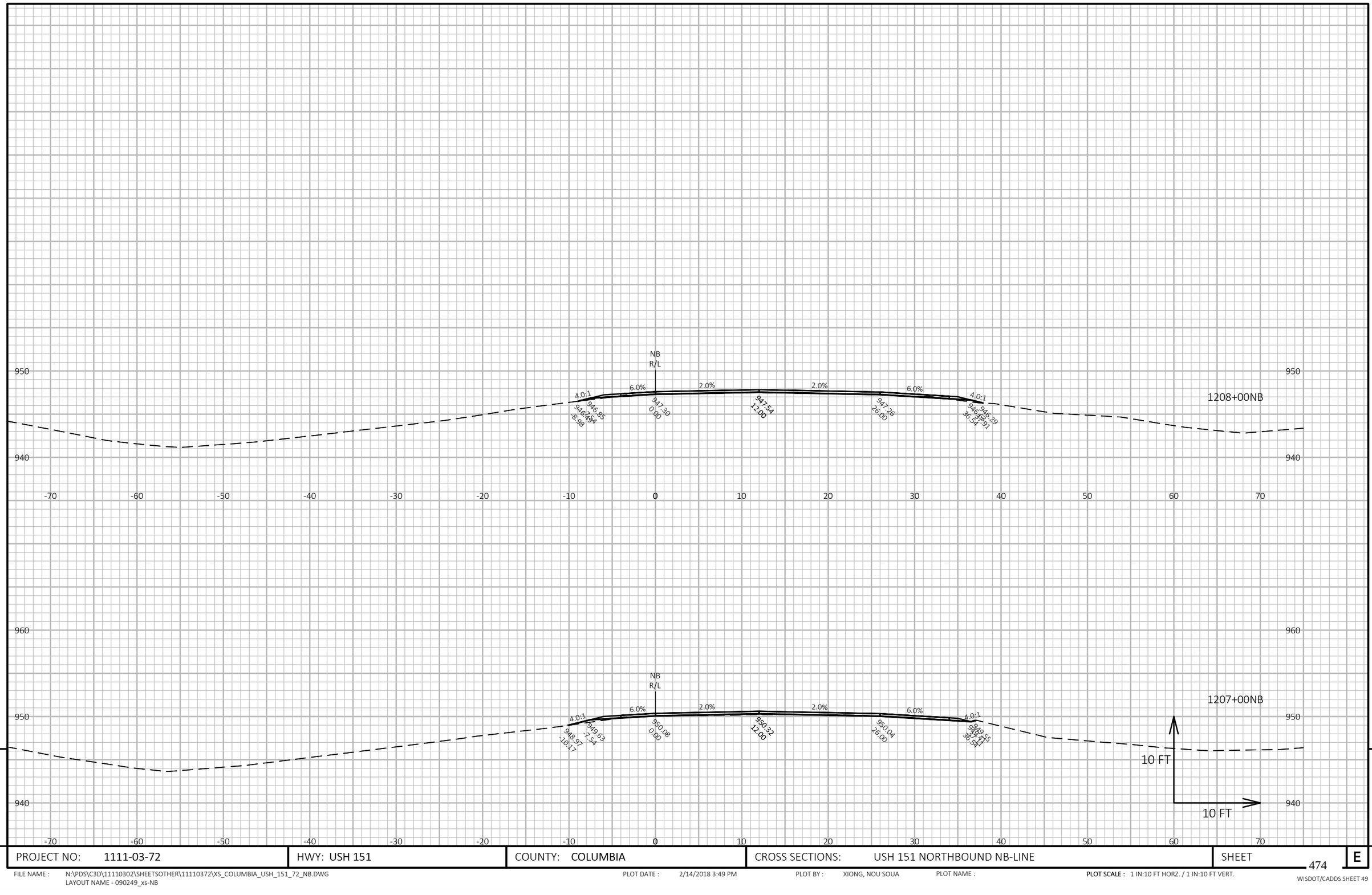
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LAYOUT NAME - 090248_xs-NB

PLOT DATE : 2/14/2018 3:49 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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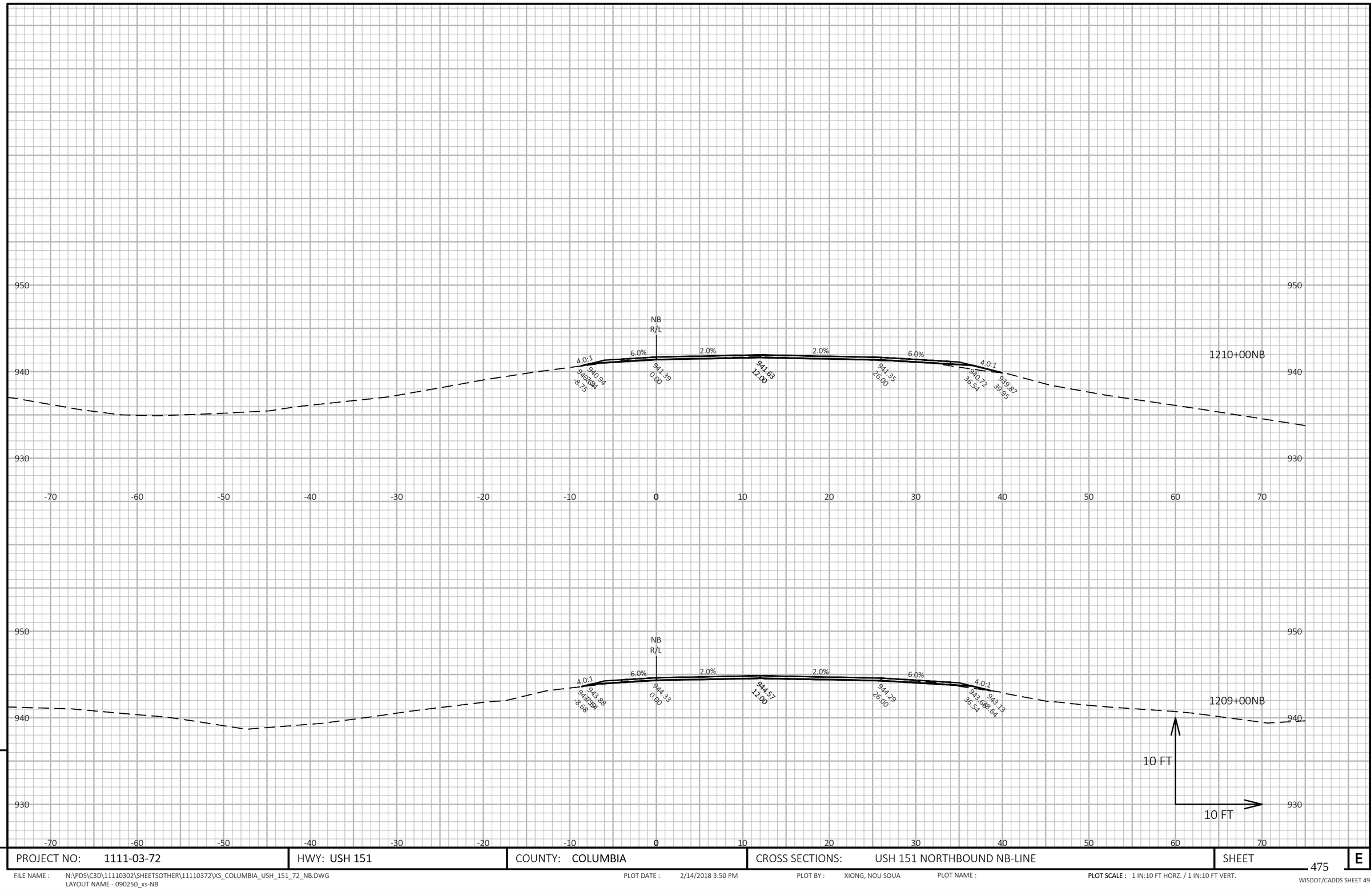
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 474	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090249_xs-NB

PLOT DATE : 2/14/2018 3:49 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

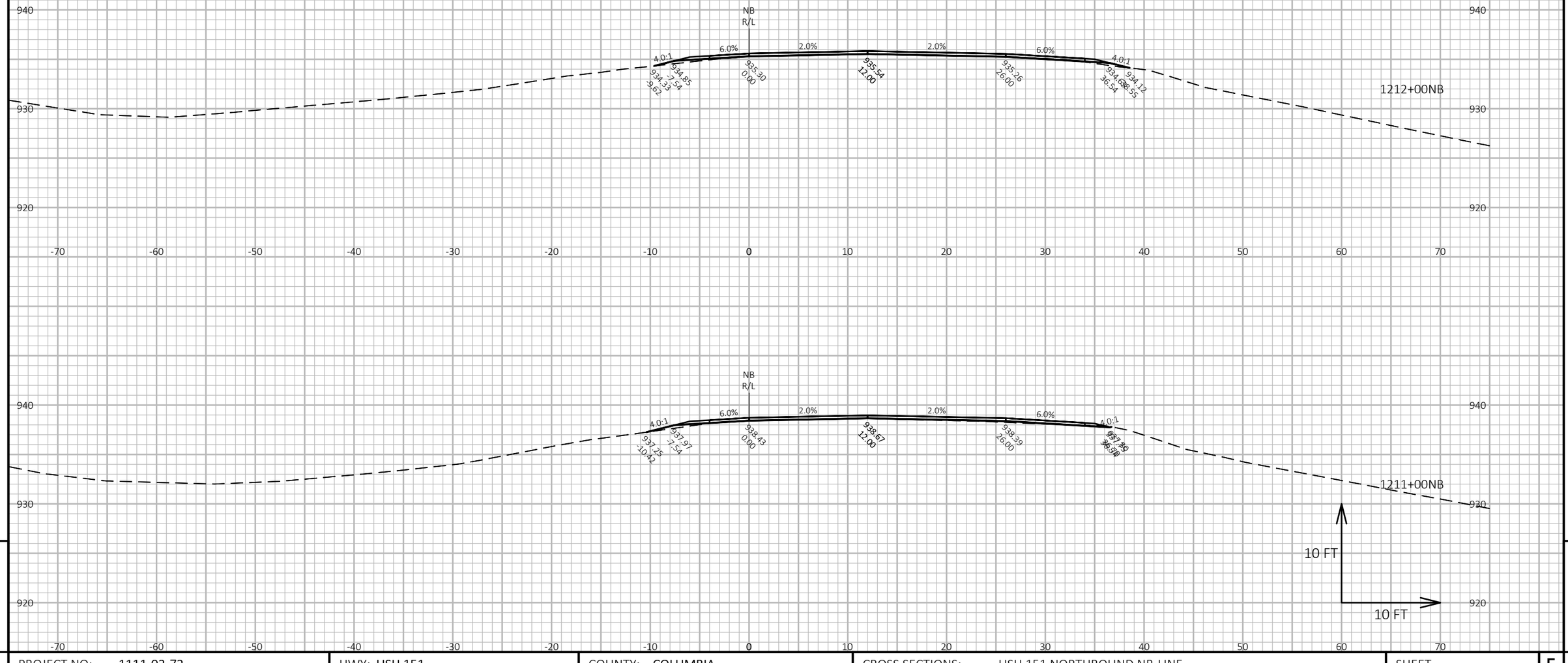
WISDOT/CADDS SHEET 49



PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 475 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090250_xs-NB

PLOT DATE : 2/14/2018 3:50 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 476	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090251_xs-NB

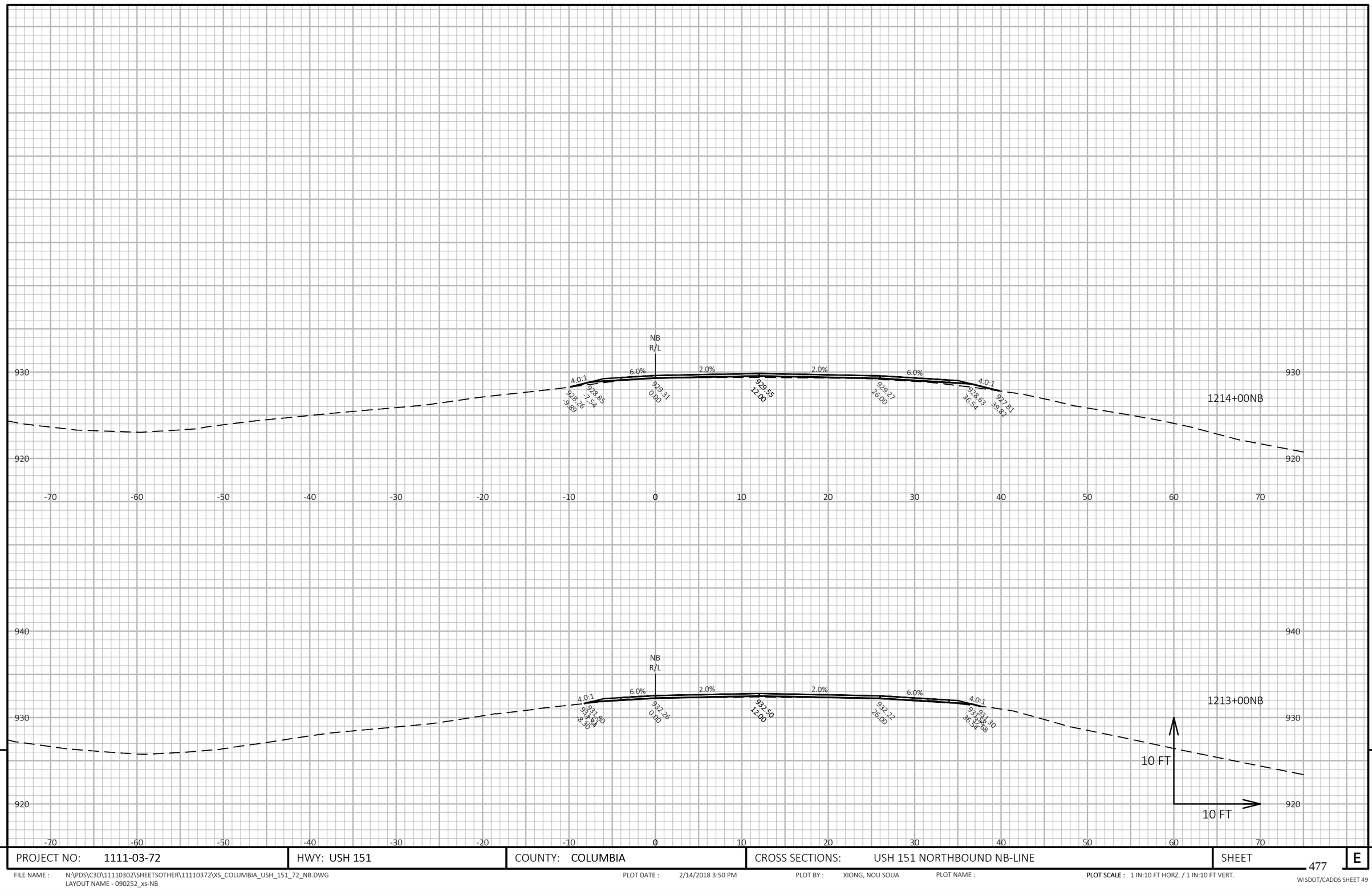
PLOT DATE : 2/14/2018 3:50 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



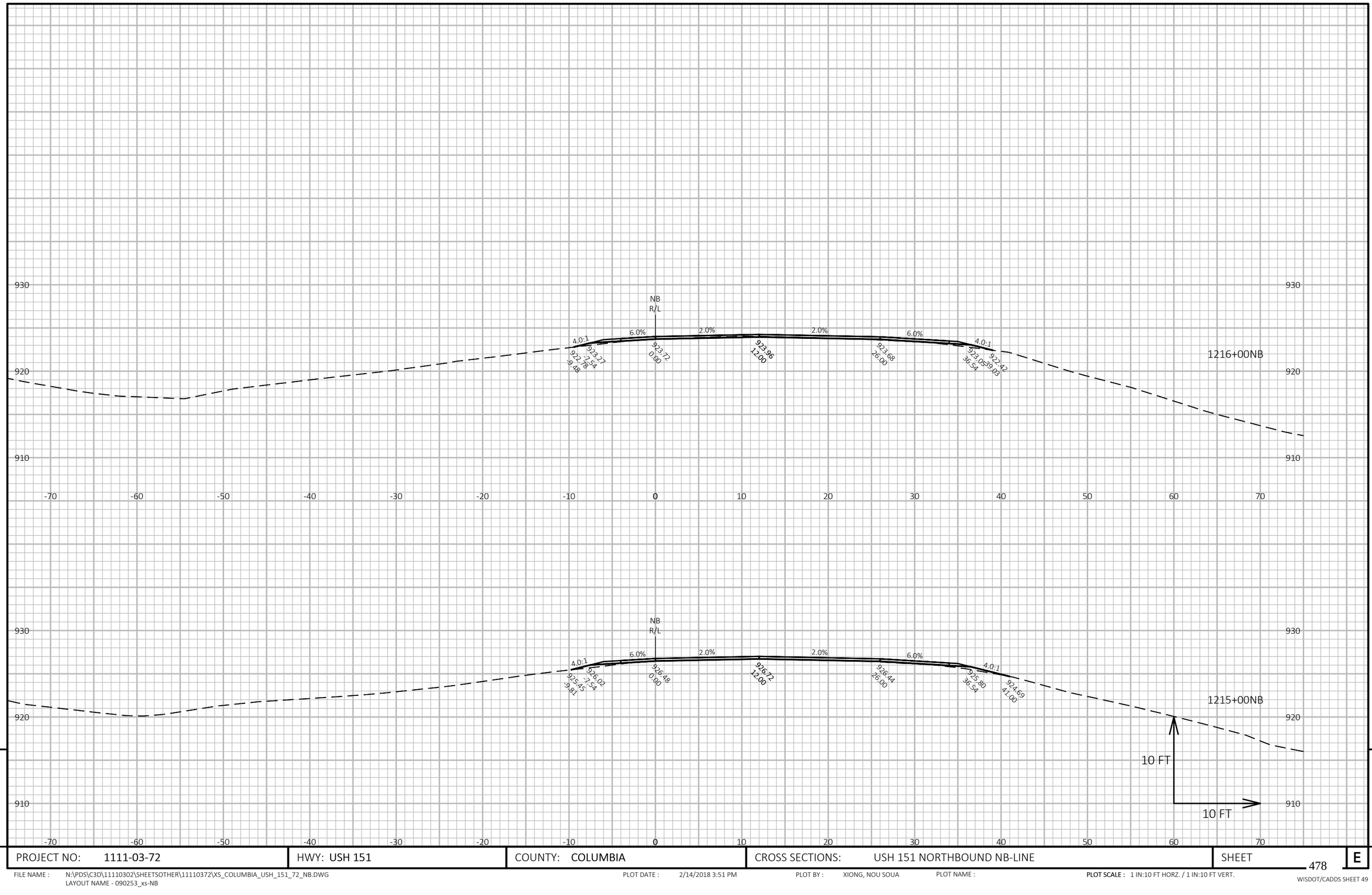
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 477	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090252_xs-NB

PLOT DATE : 2/14/2018 3:50 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 478	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090253_xs-NB

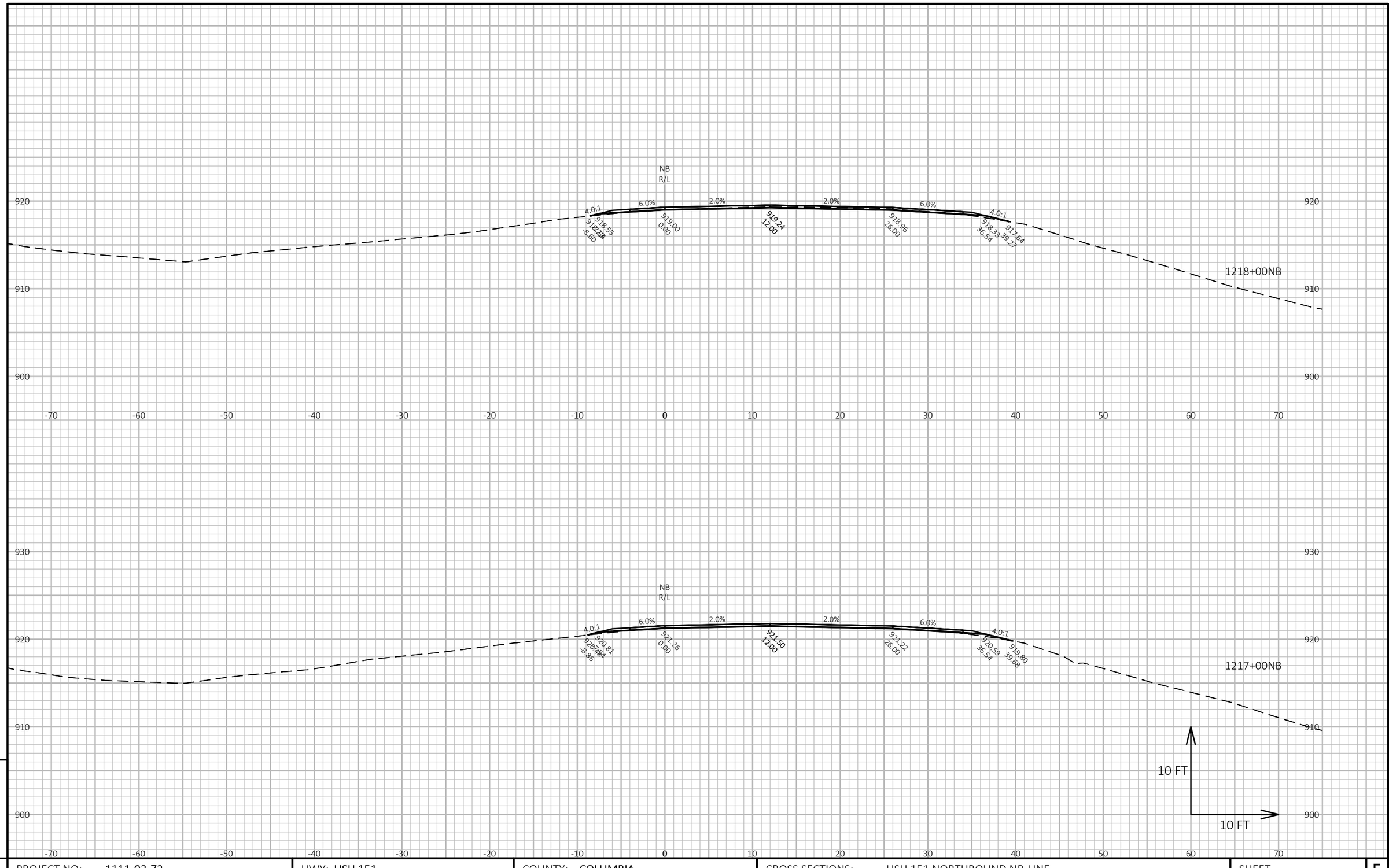
PLOT DATE : 2/14/2018 3:51 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 479	E

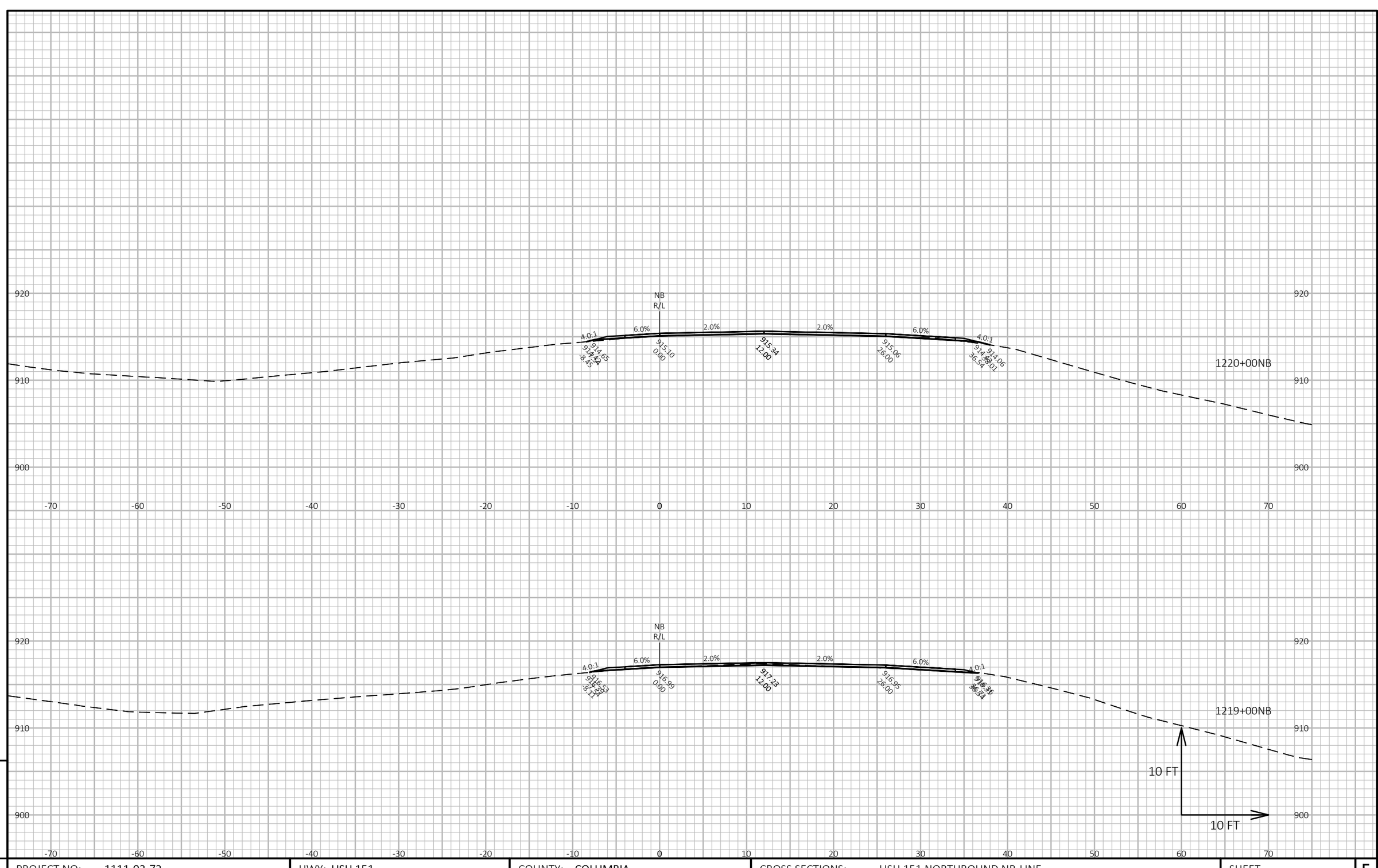
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LAYOUT NAME - 090254_xs-NB

PLOT DATE : 2/14/2018 3:51 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 480	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090255_xs-NB

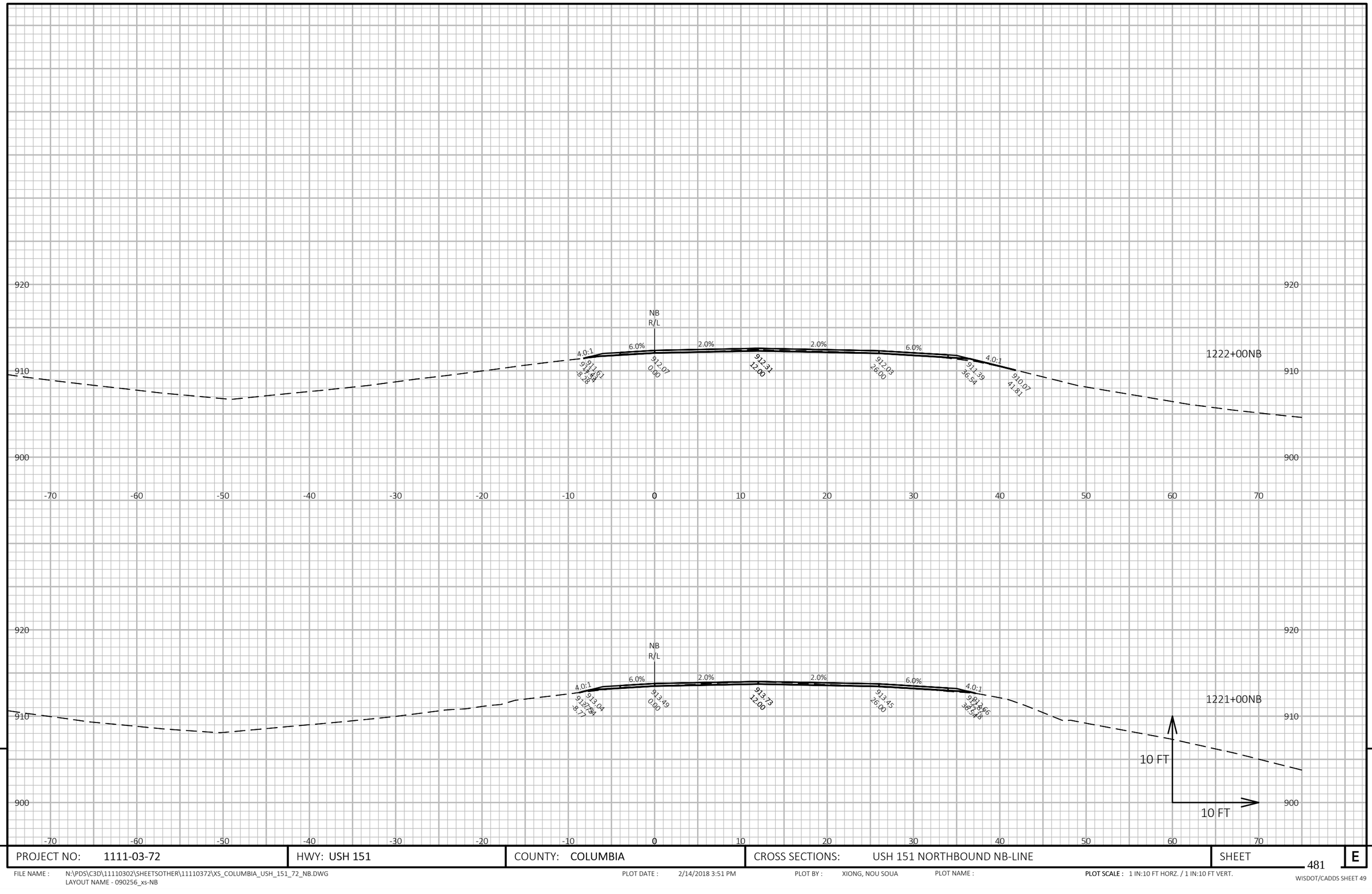
PLOT DATE : 2/14/2018 3:51 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 481	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090256_xs-NB

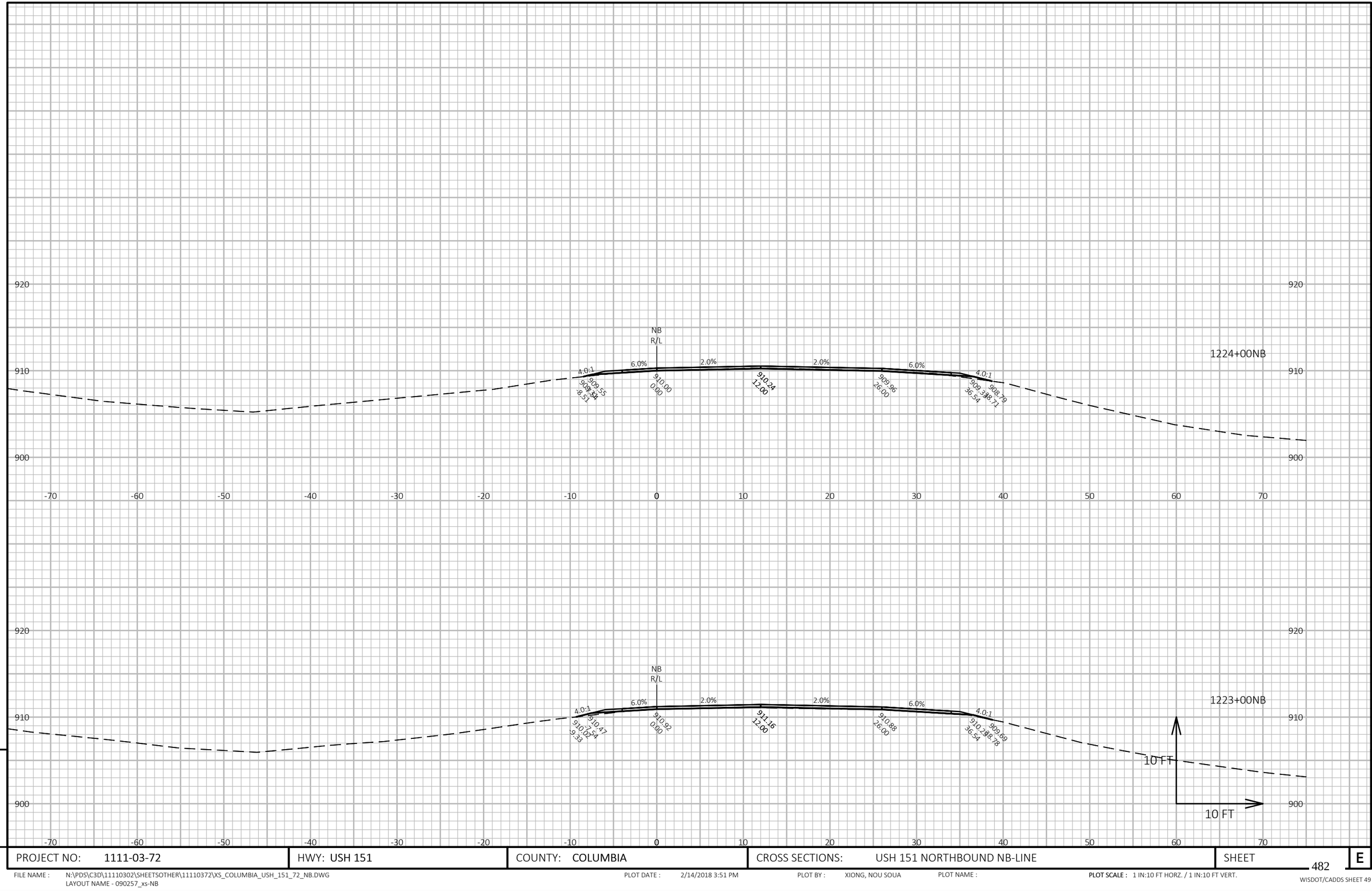
PLOT DATE : 2/14/2018 3:51 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 482	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090257_xs-NB

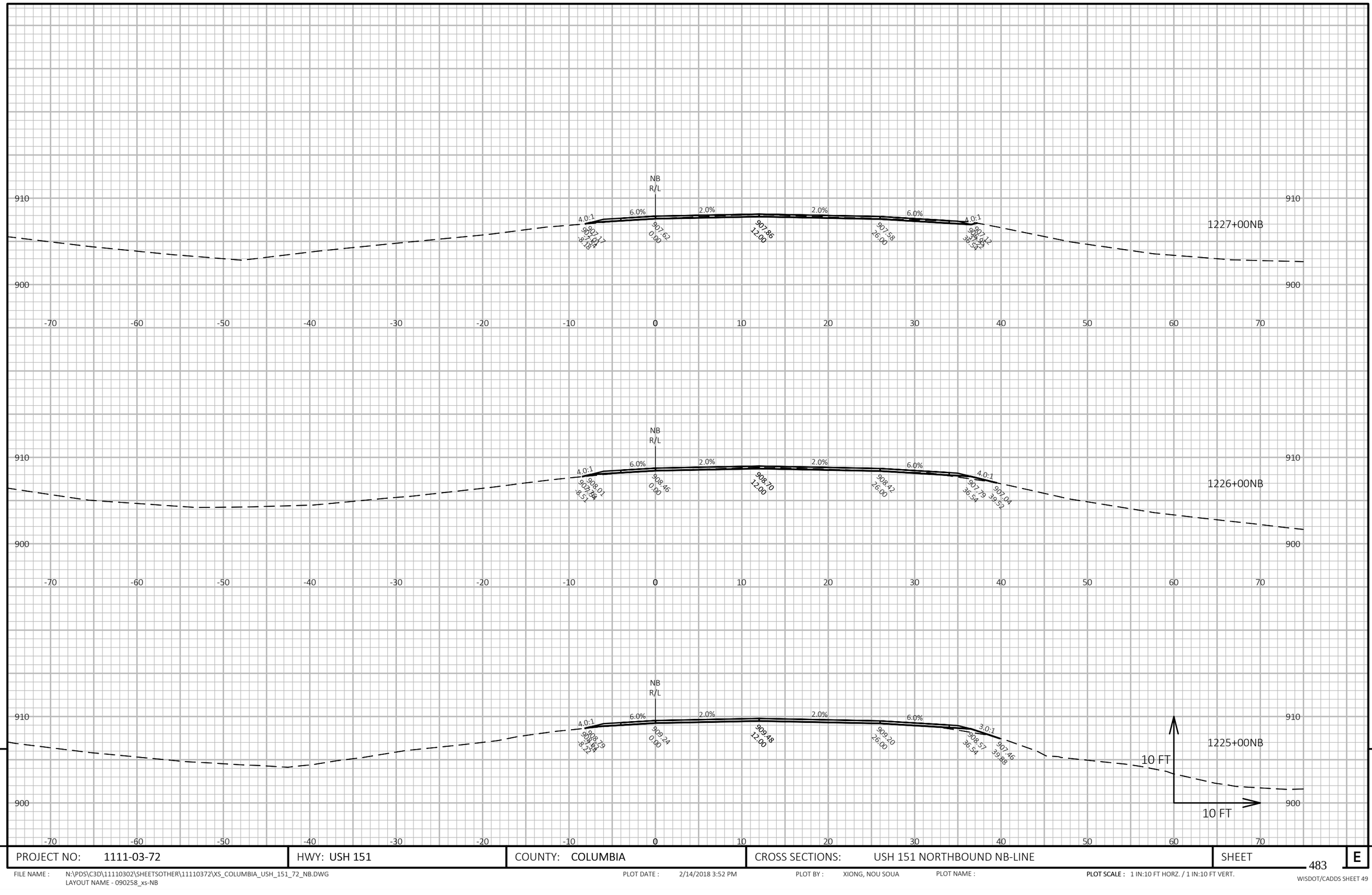
PLOT DATE : 2/14/2018 3:51 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 483	E

9

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090258_xs-NB

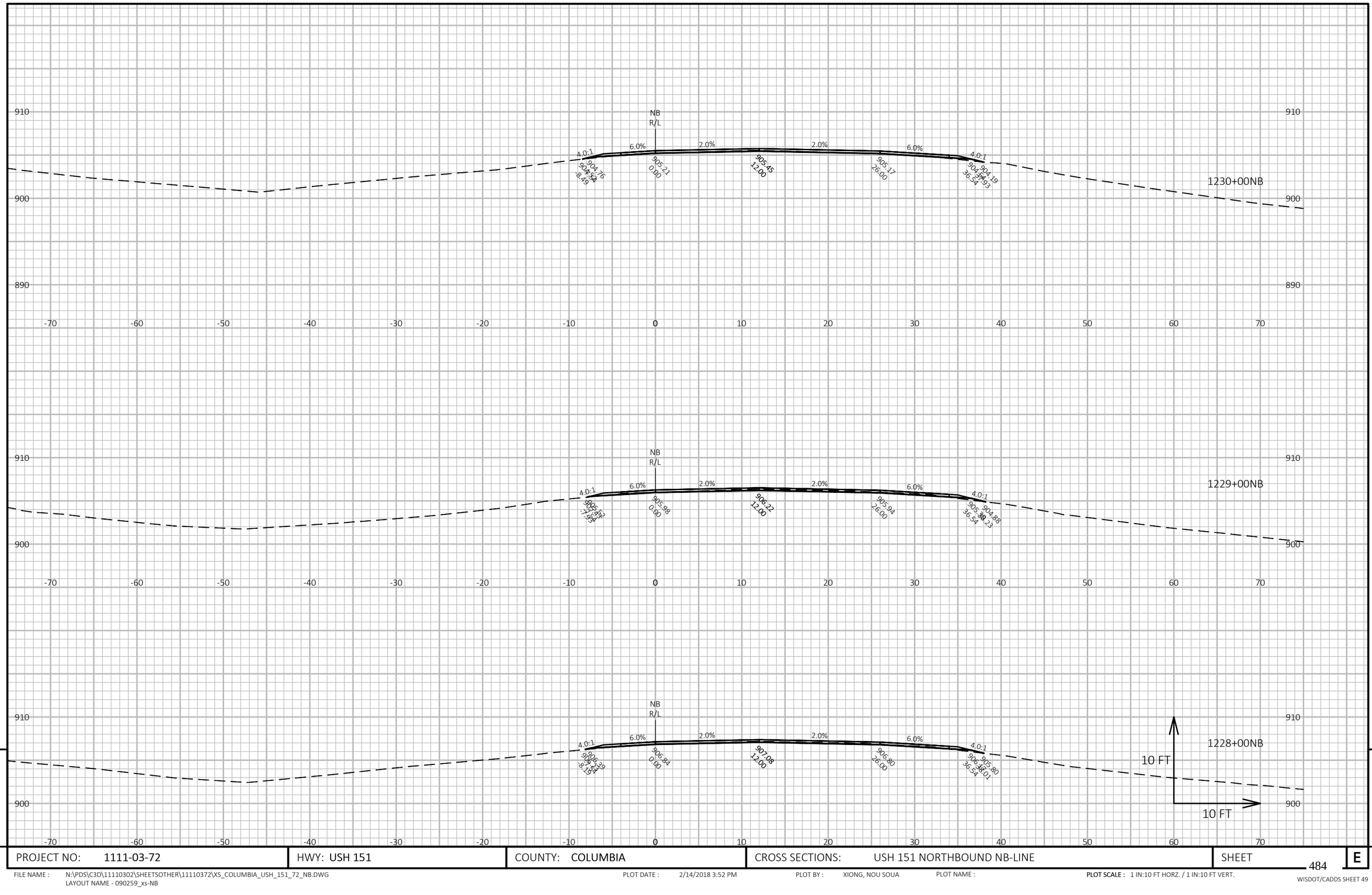
PLOT DATE : 2/14/2018 3:52 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

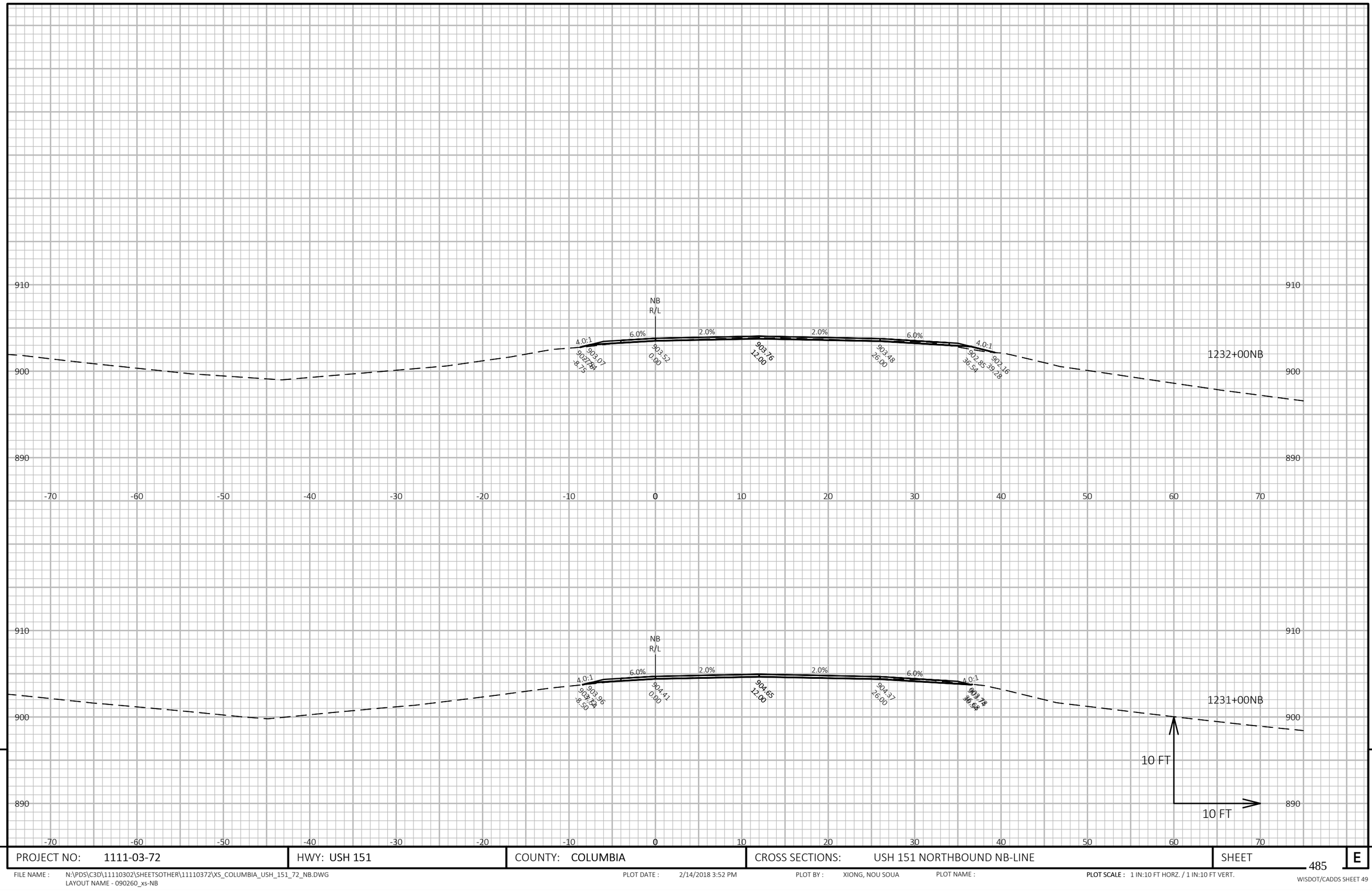
WISDOT/CADDS SHEET 49



PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 484 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090259_xs-NB

PLOT DATE : 2/14/2018 3:52 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 485	E

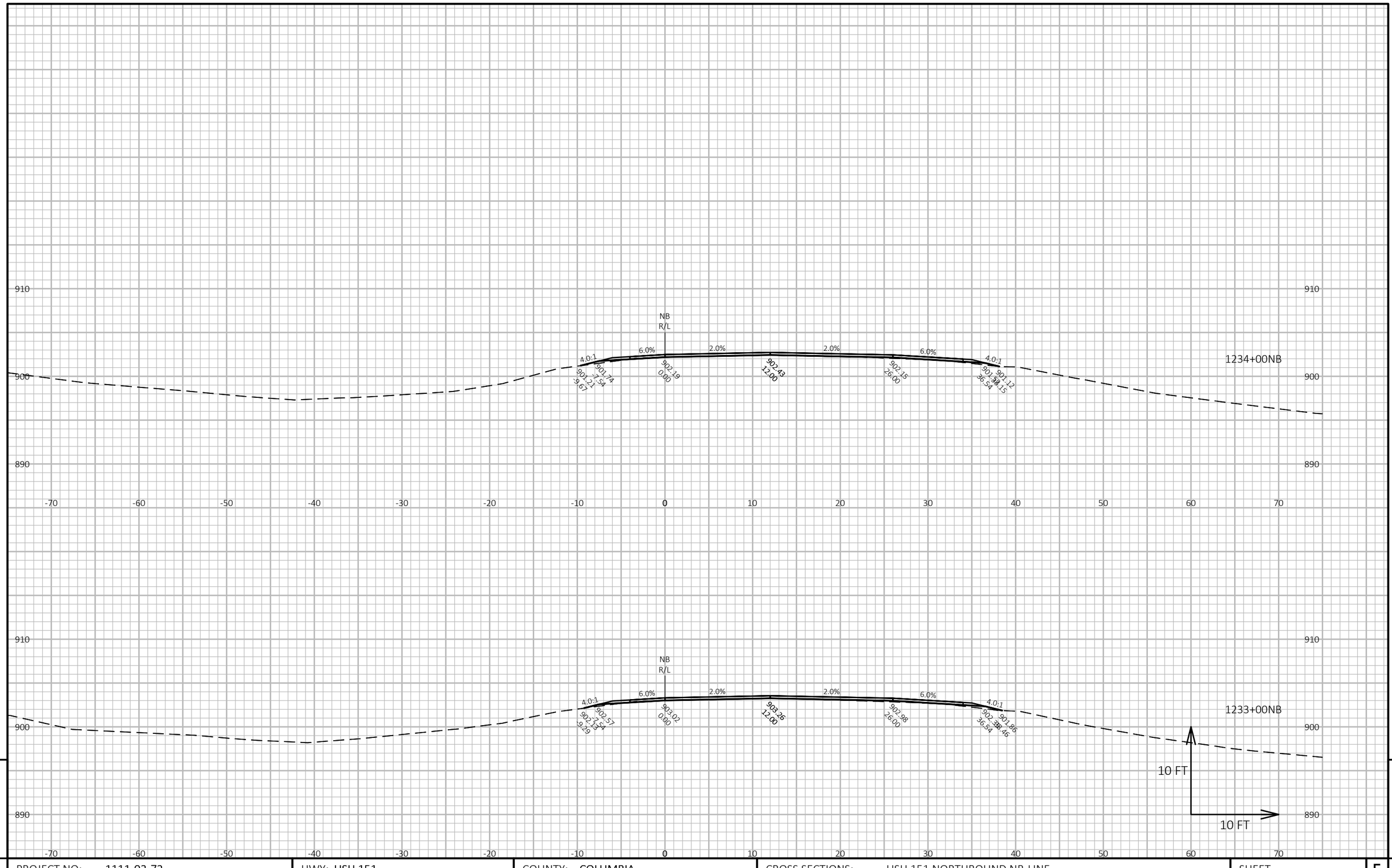
FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090260_xs-NB

PLOT DATE : 2/14/2018 3:52 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 486	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090261_xs-NB

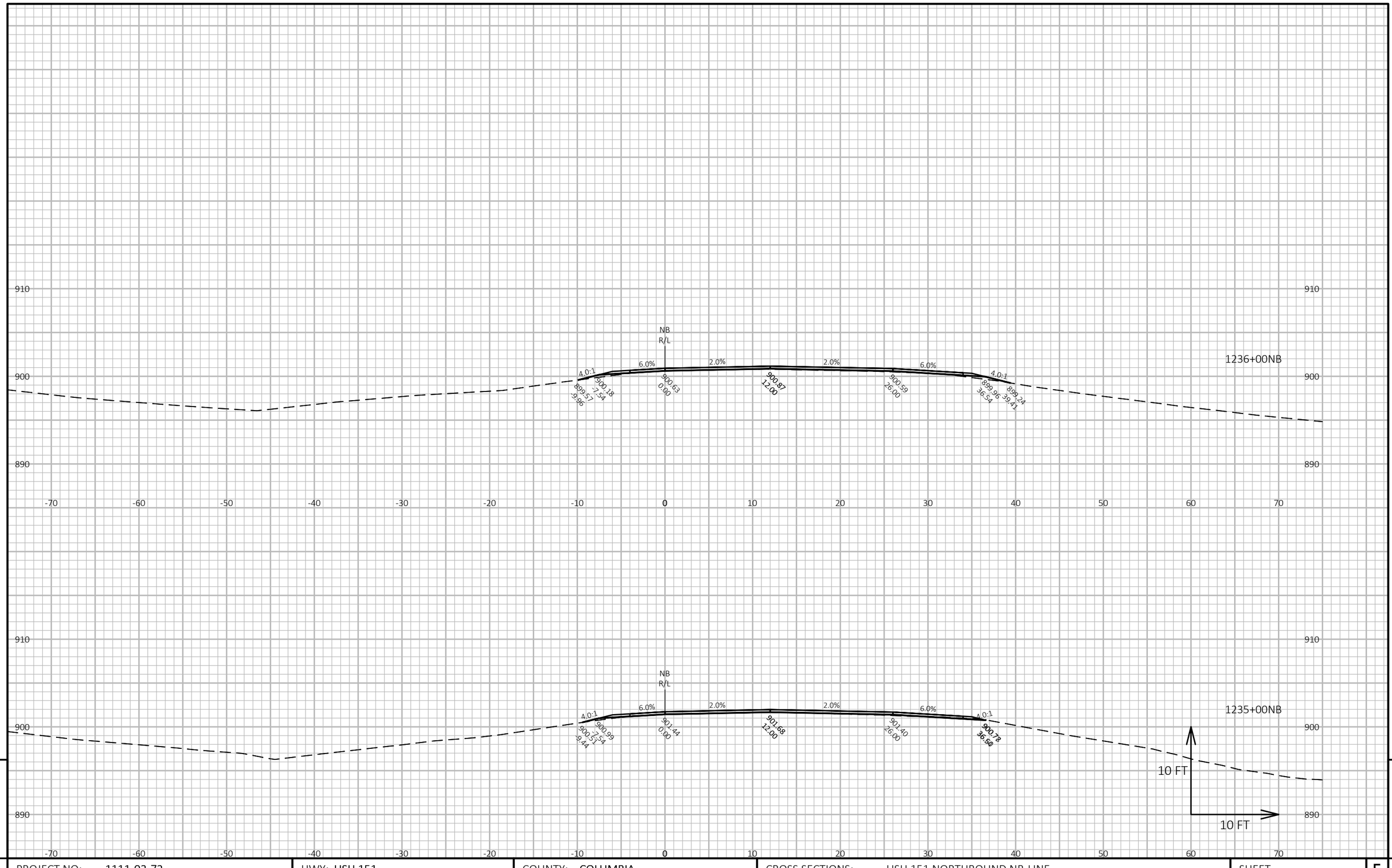
PLOT DATE : 2/14/2018 3:52 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

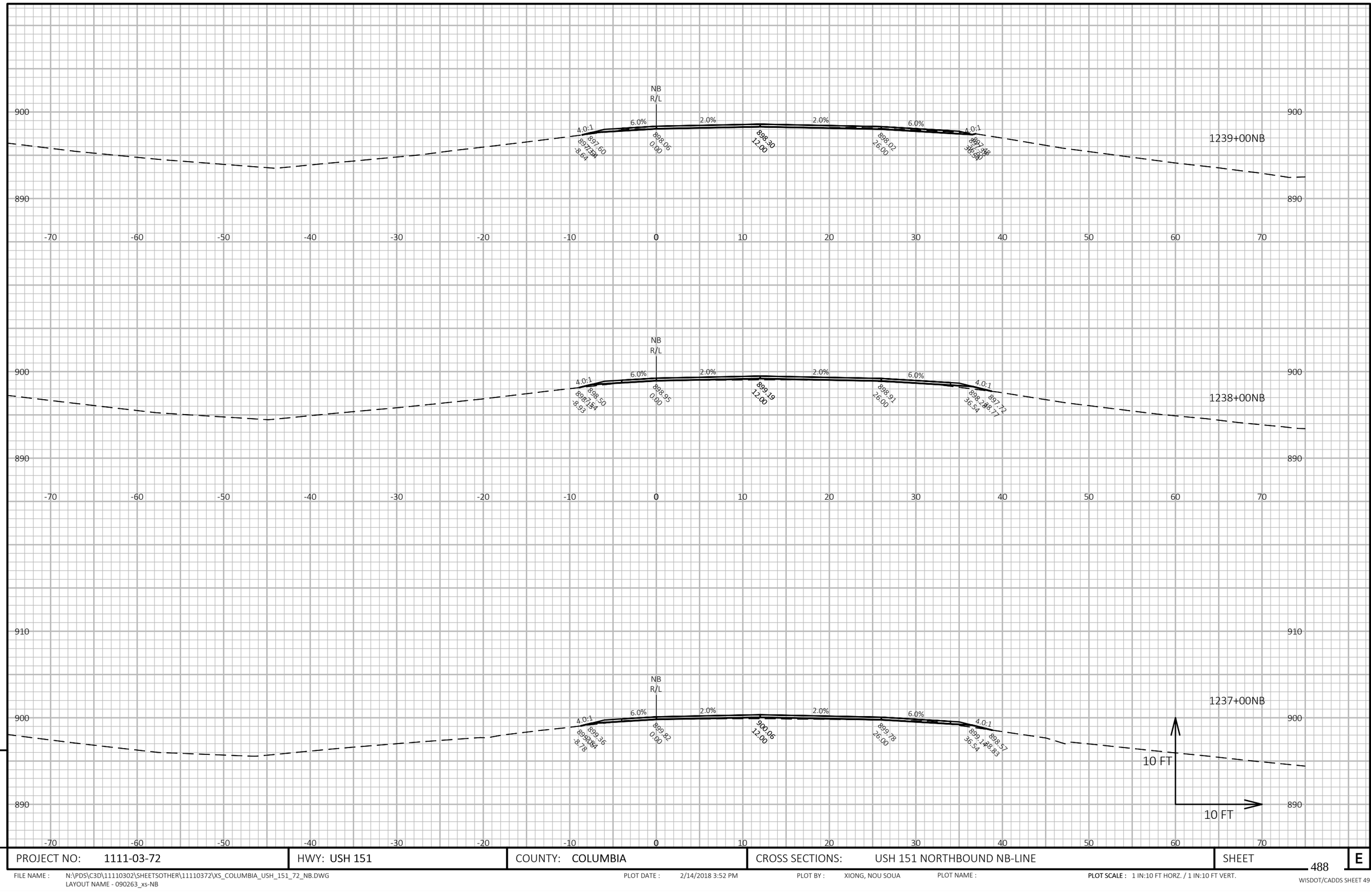


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 487 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090262_xs-NB

PLOT DATE : 2/14/2018 3:52 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 488	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090263_xs-NB

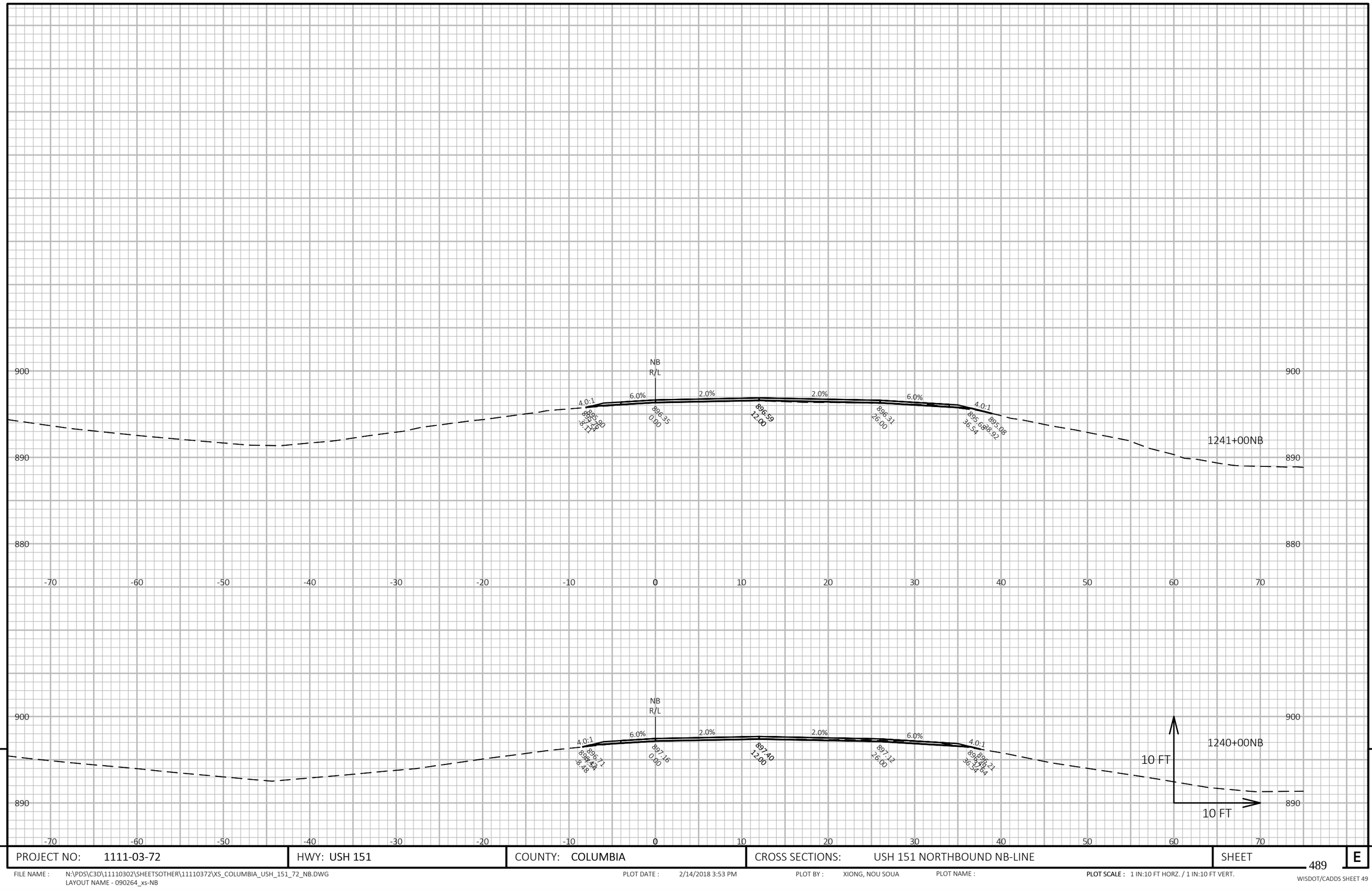
PLOT DATE : 2/14/2018 3:52 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

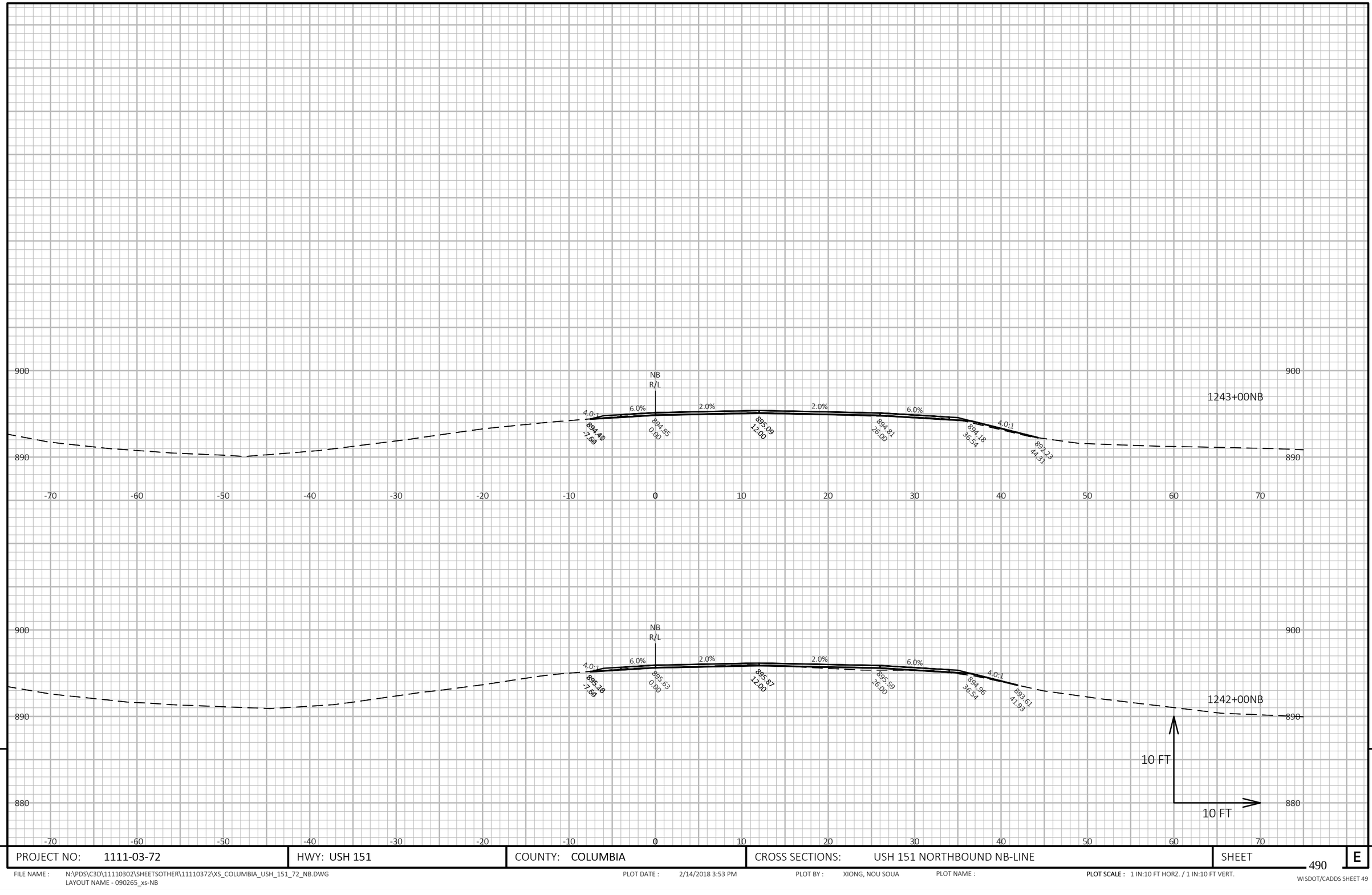


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 489 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090264_xs-NB

PLOT DATE : 2/14/2018 3:53 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

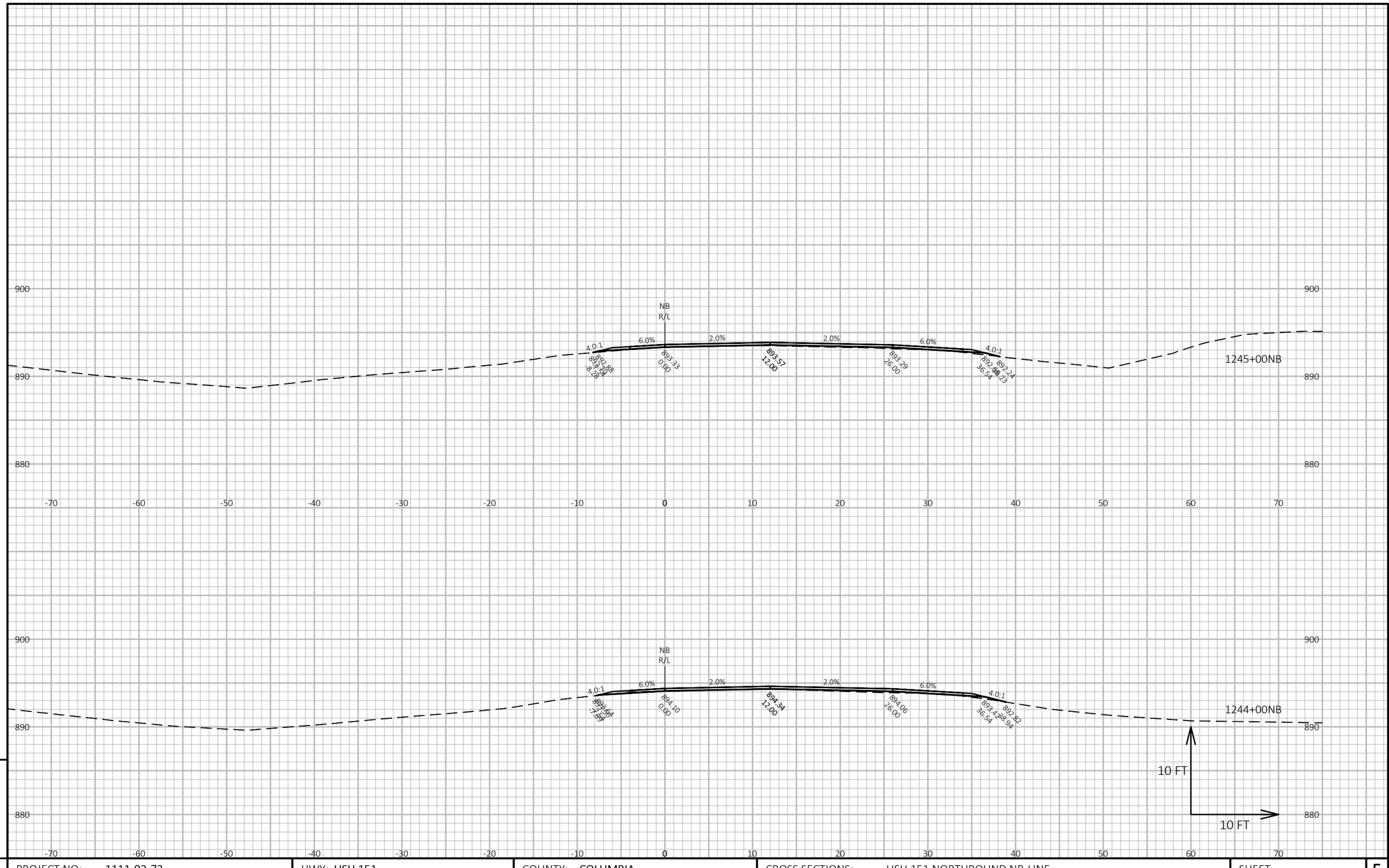
WISDOT/CADDS SHEET 49



PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 490 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090265_xs-NB

PLOT DATE : 2/14/2018 3:53 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 491	E

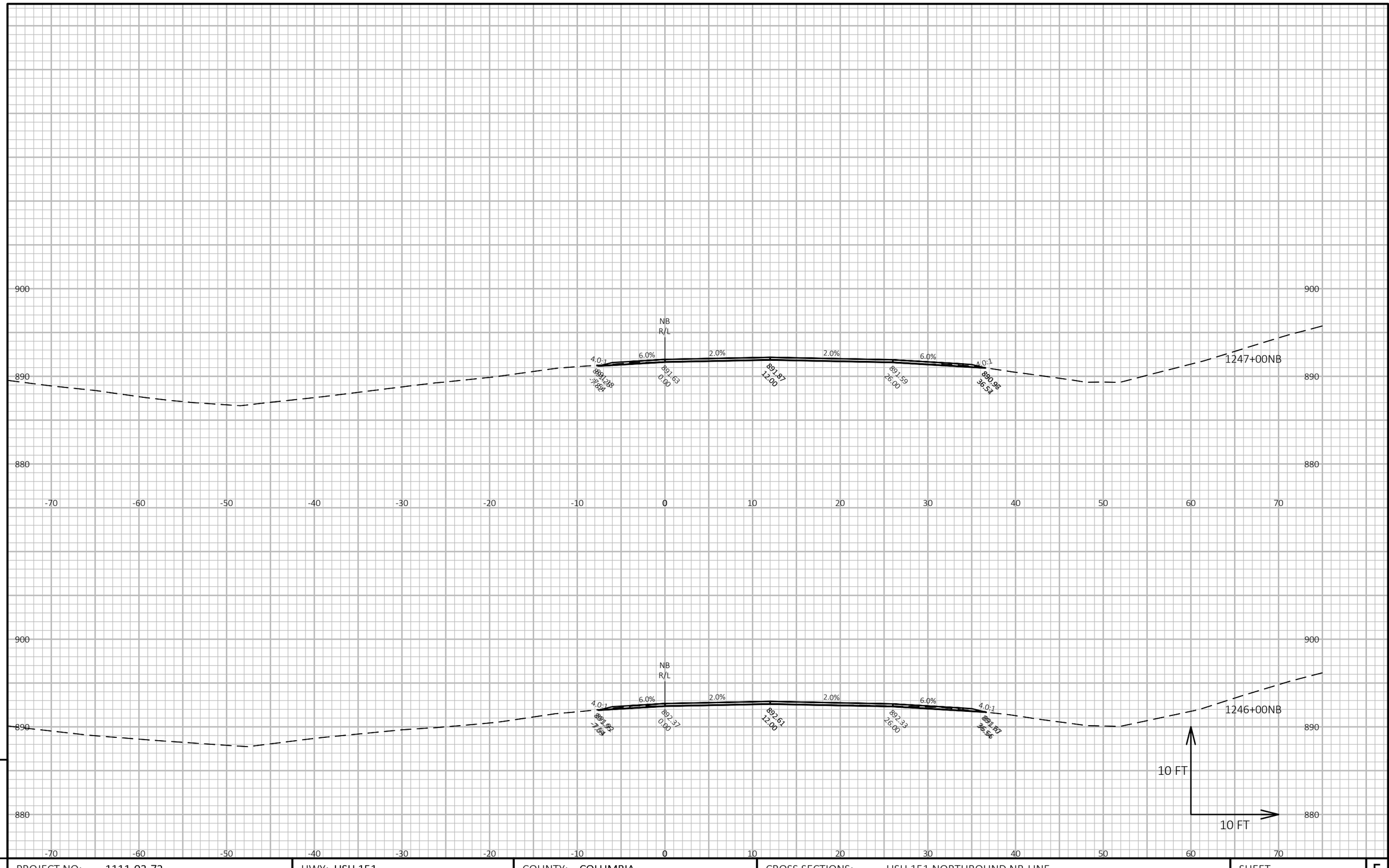
FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090266_xs-NB

PLOT DATE : 2/14/2018 3:53 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

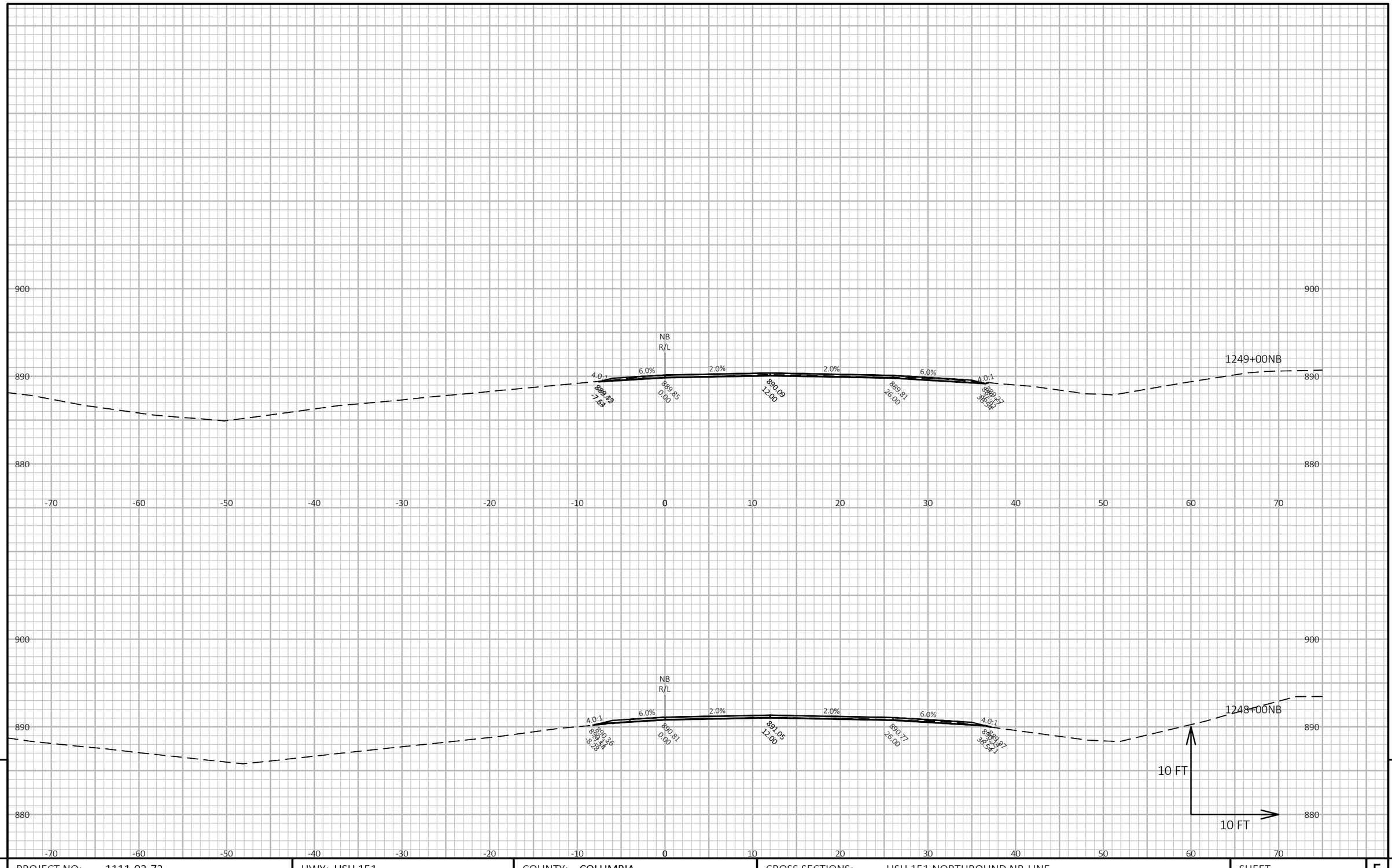


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 492 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090267_xs-NB

PLOT DATE : 2/14/2018 3:53 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 493	E

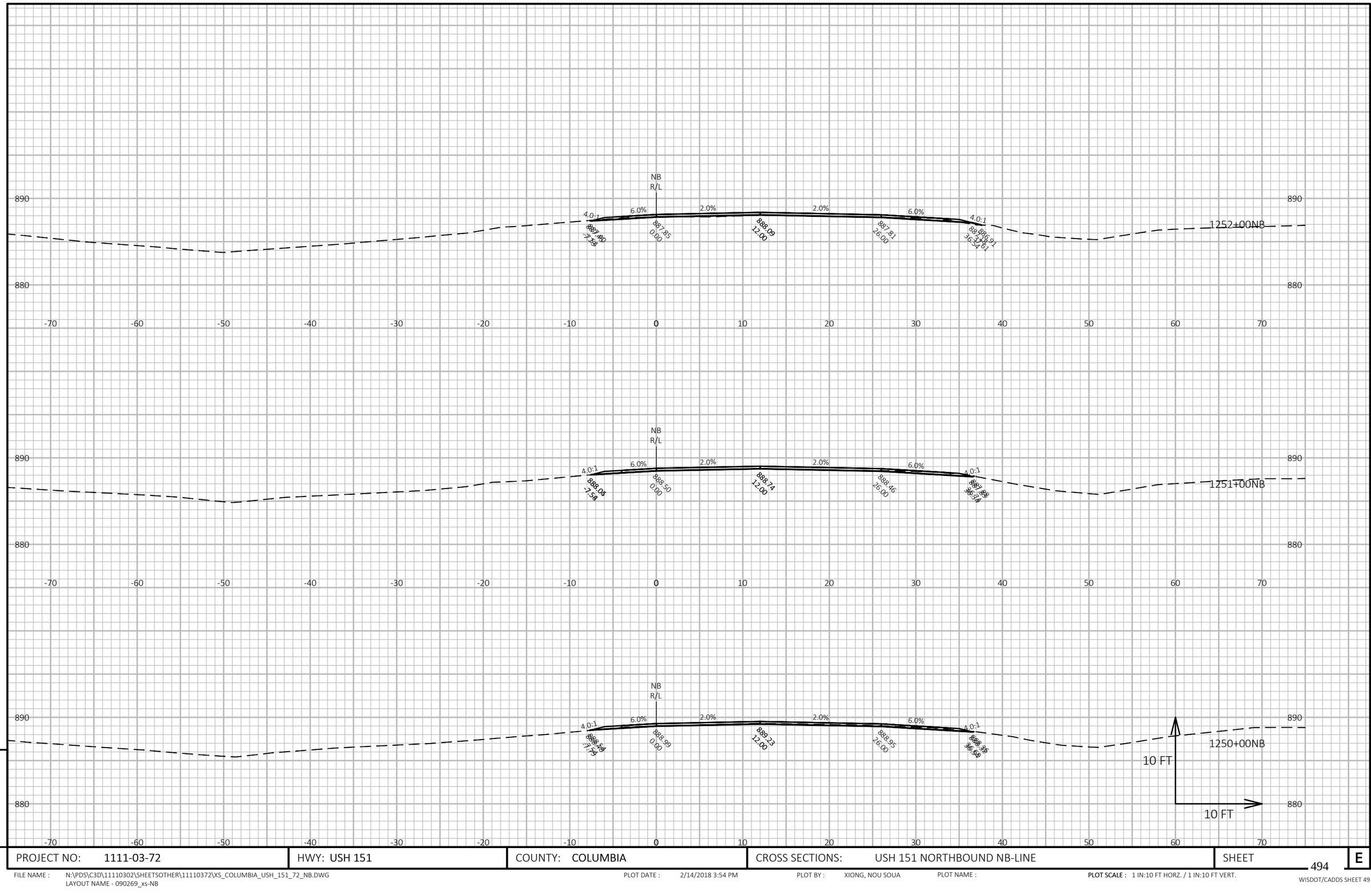
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LAYOUT NAME - 090268_xs-NB

PLOT DATE : 2/14/2018 3:53 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



9

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 494	E

9

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090269_xs-NB

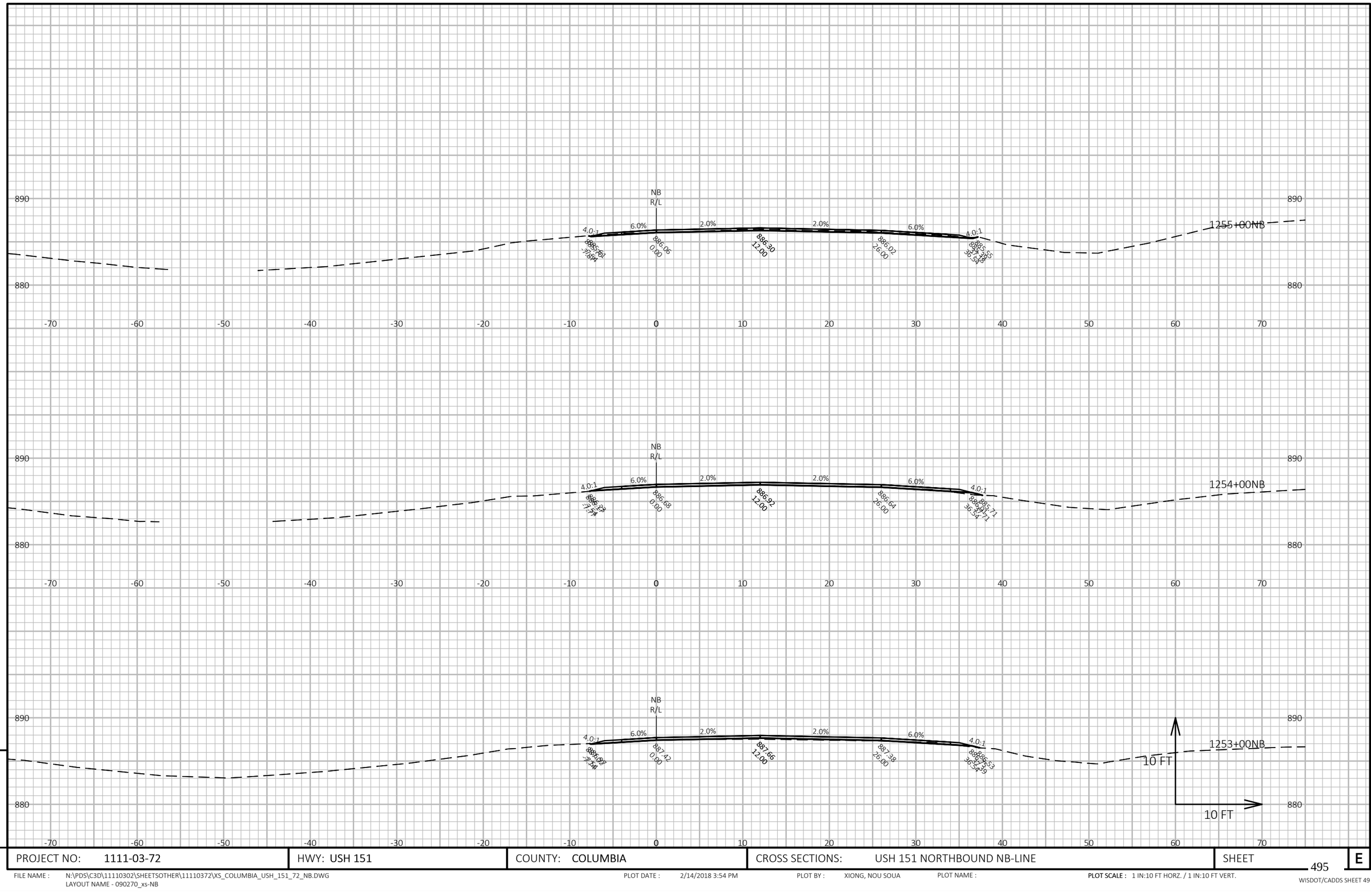
PLOT DATE : 2/14/2018 3:54 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

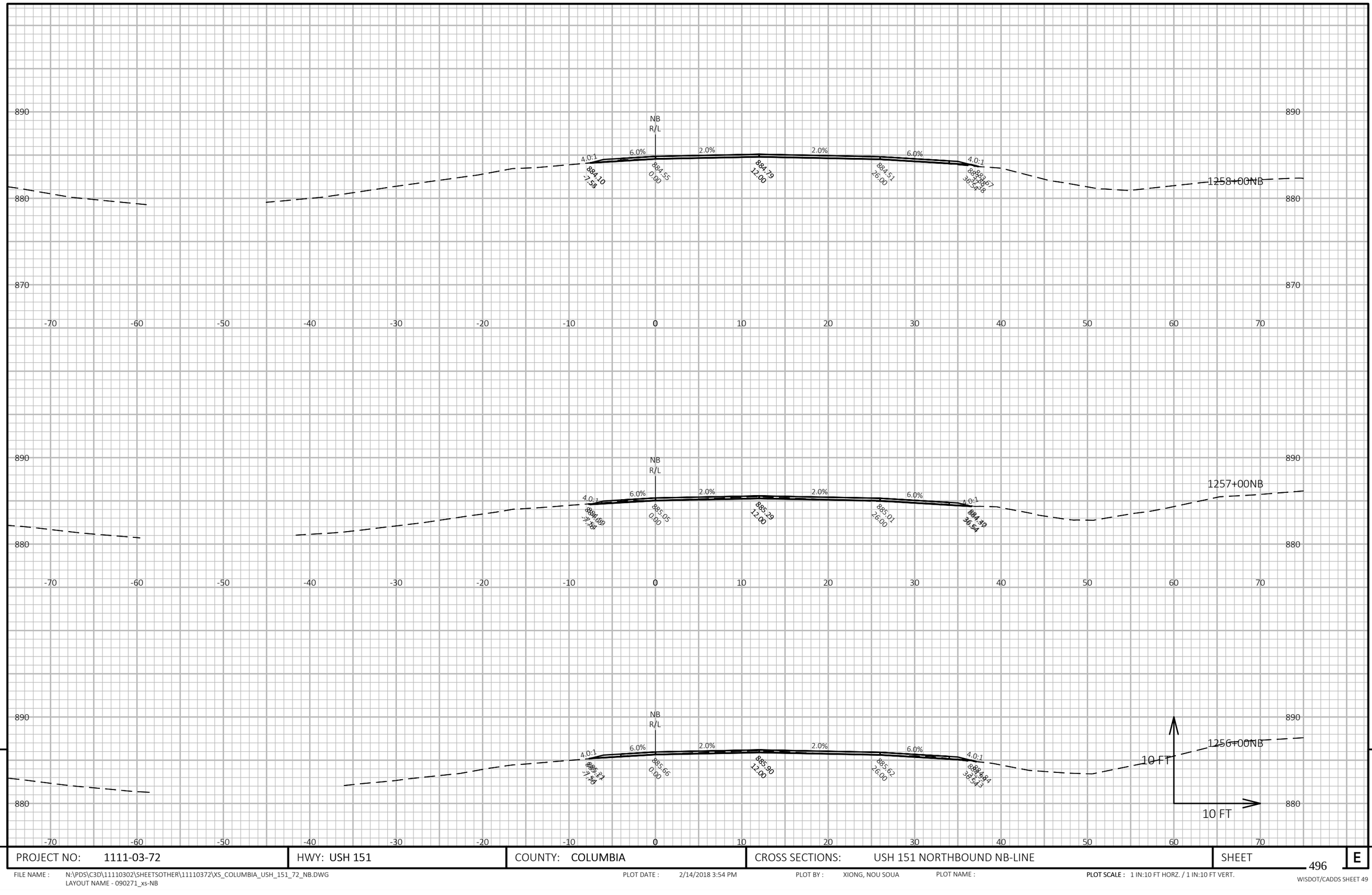


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 495 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090270_xs-NB

PLOT DATE : 2/14/2018 3:54 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

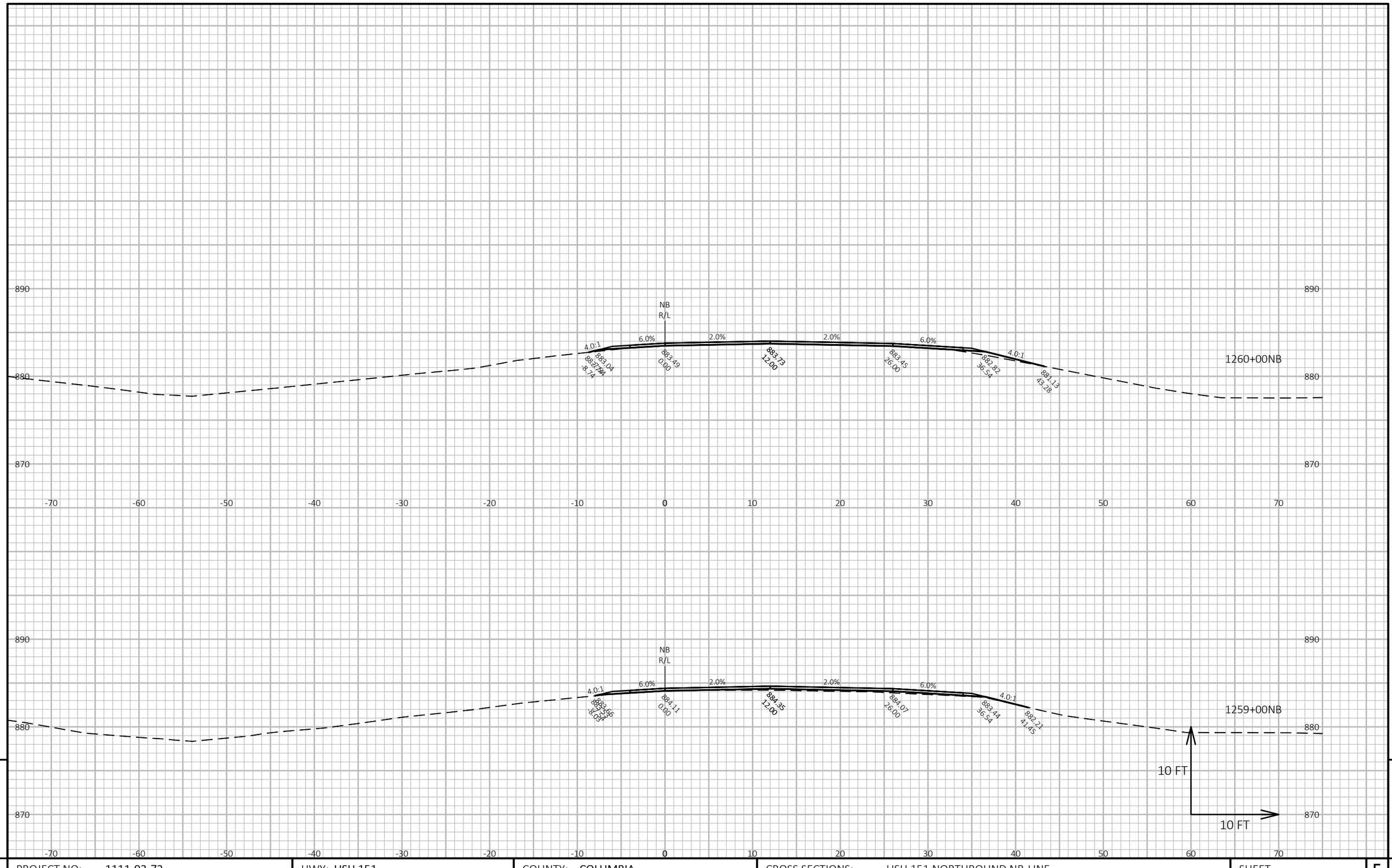
WISDOT/CADDS SHEET 49



PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 496 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090271_xs-NB

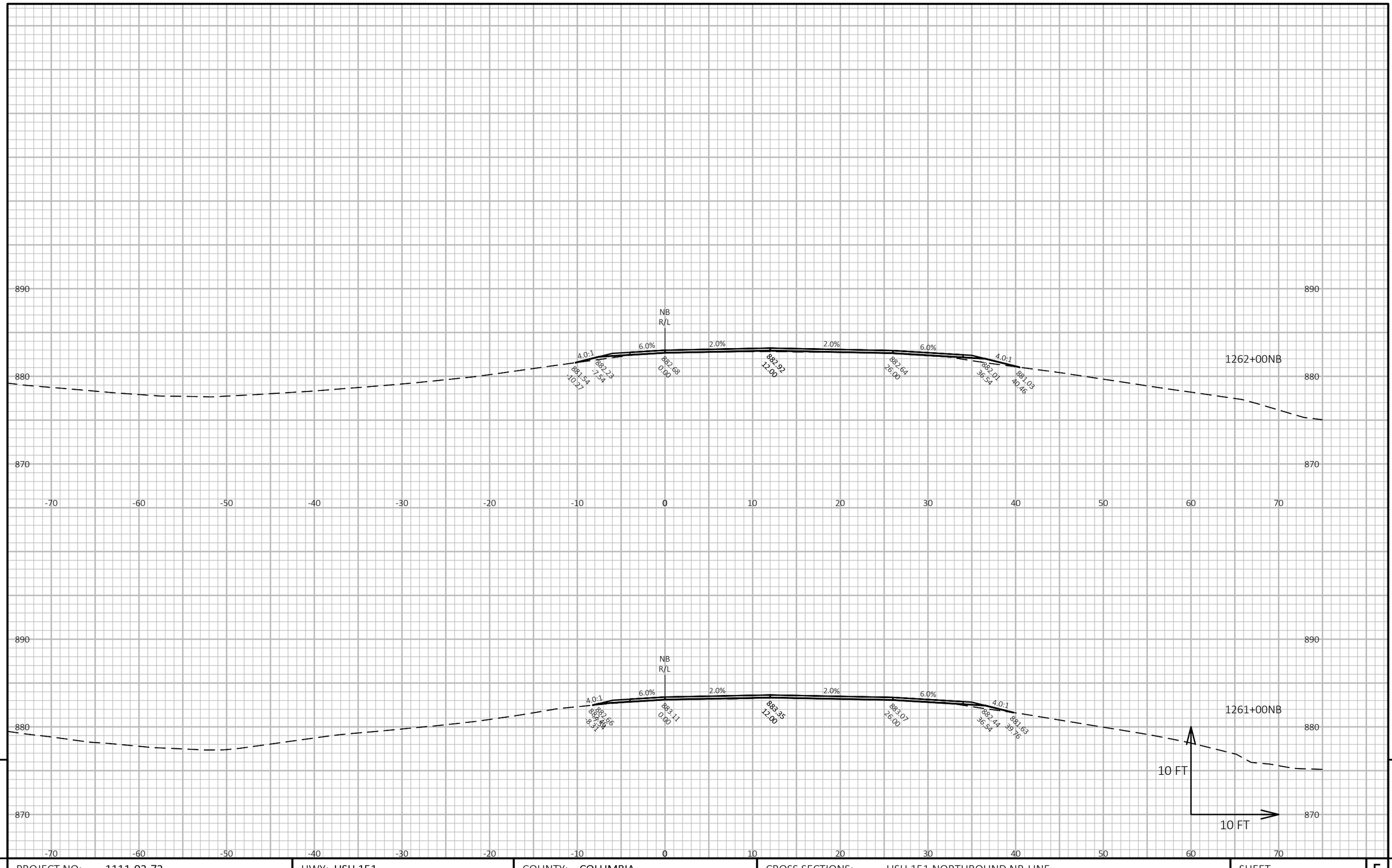
PLOT DATE : 2/14/2018 3:54 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 497 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090272_xs-NB

PLOT DATE : 2/14/2018 3:54 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 498	E

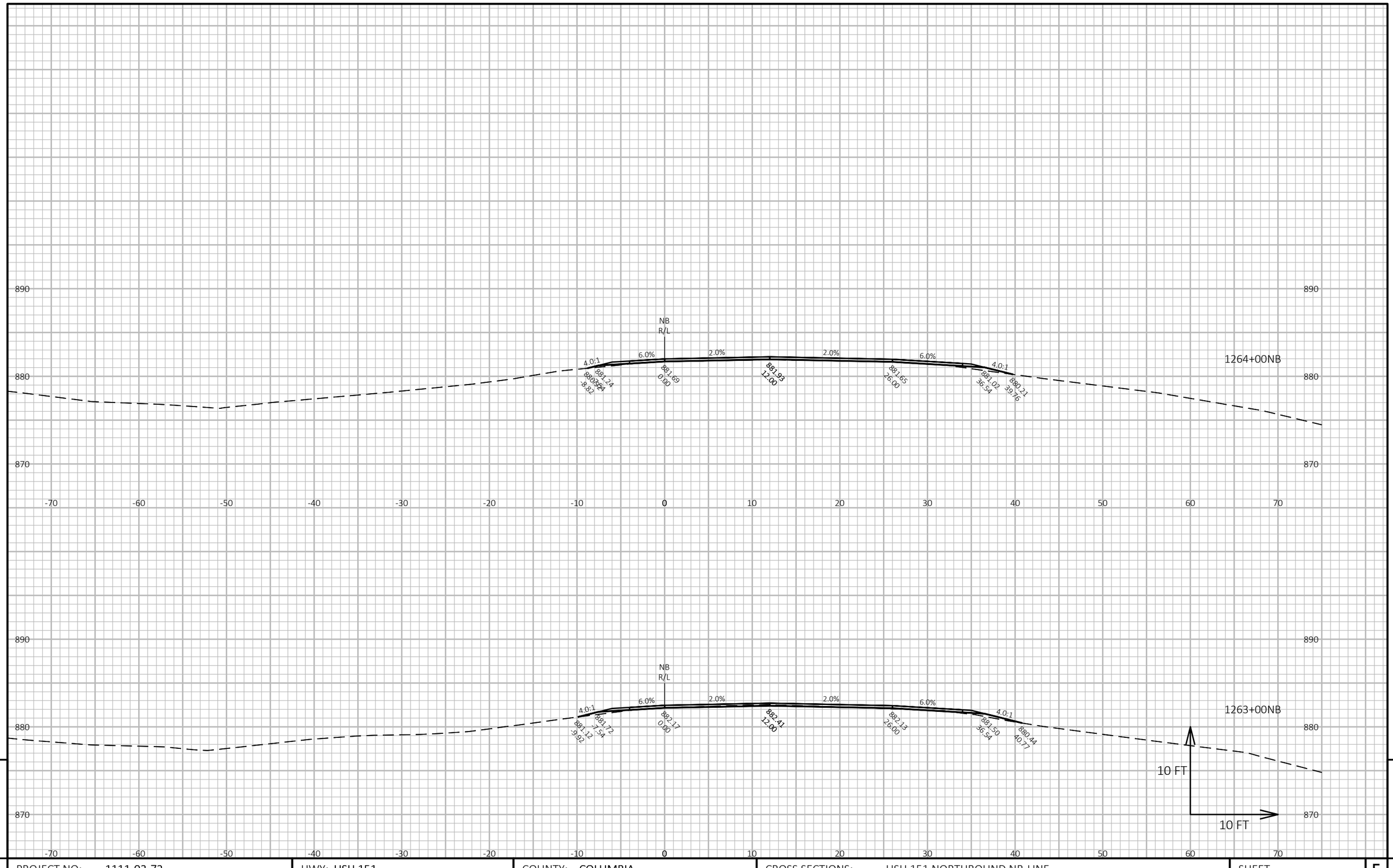
FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090273_xs-NB

PLOT DATE : 2/14/2018 3:54 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 499	E

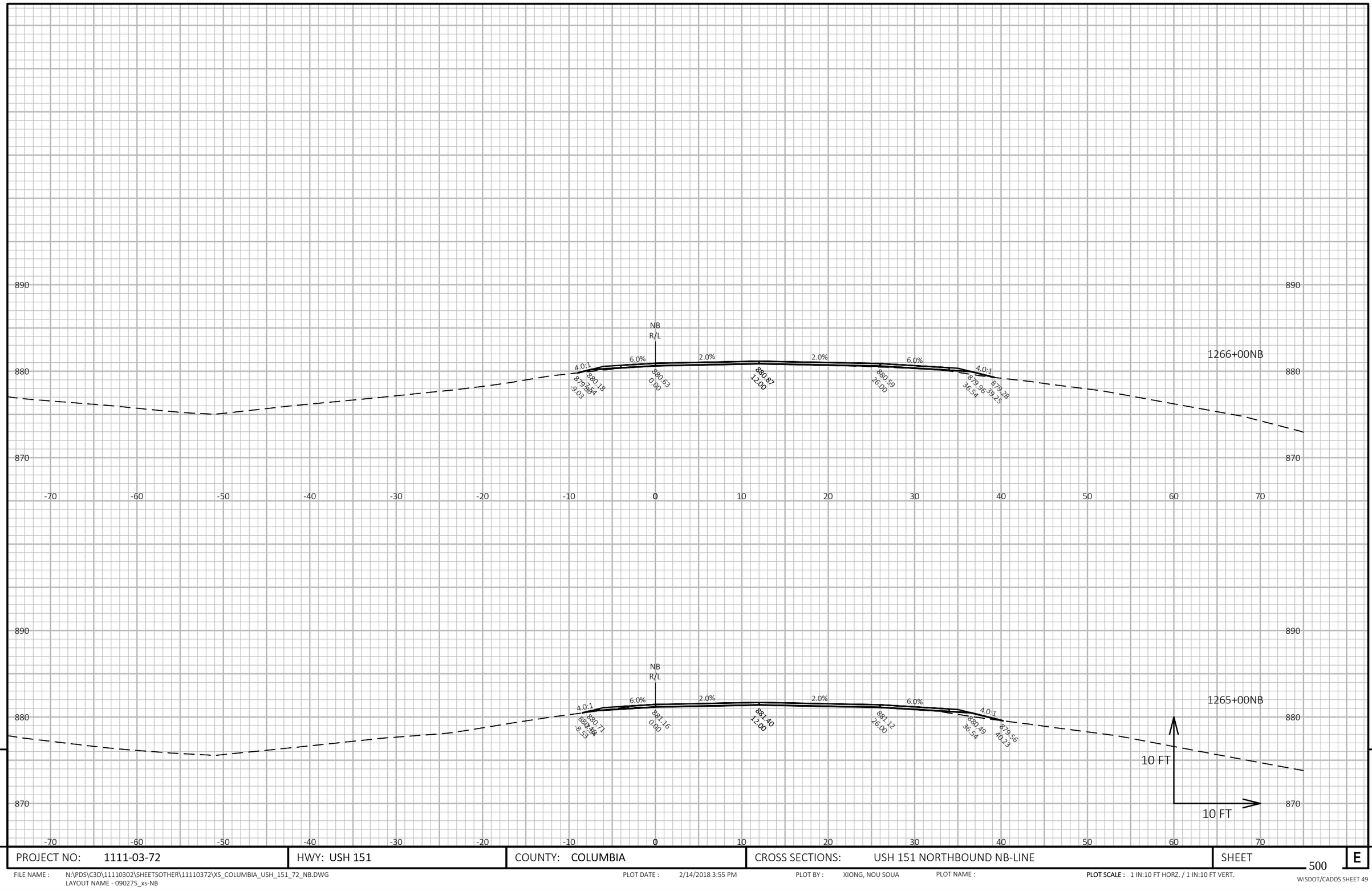
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LAYOUT NAME - 090274_xs-NB

PLOT DATE : 2/14/2018 3:55 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 500	E

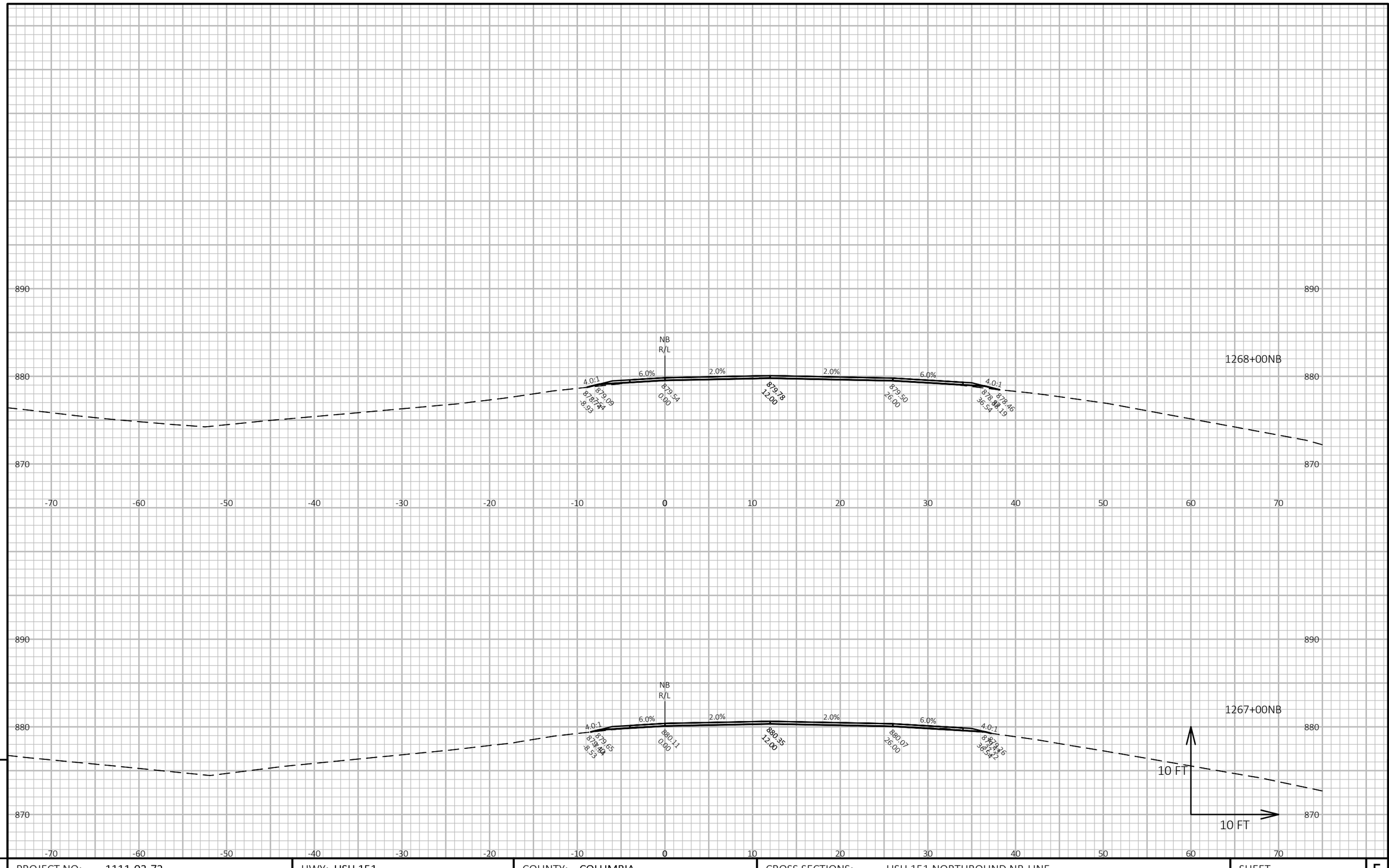
FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090275_xs-NB

PLOT DATE : 2/14/2018 3:55 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 501	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090276_xs-NB

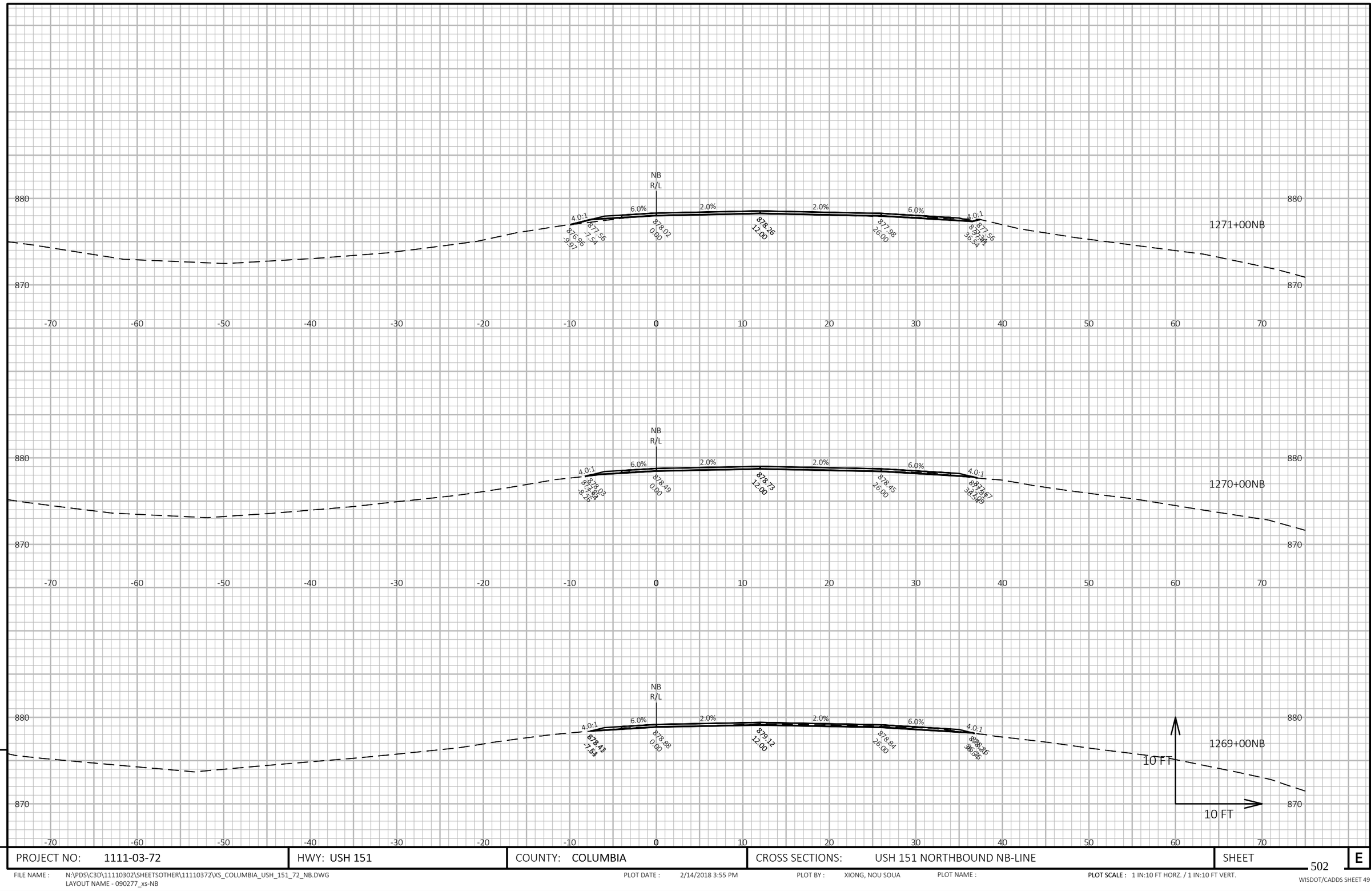
PLOT DATE : 2/14/2018 3:55 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

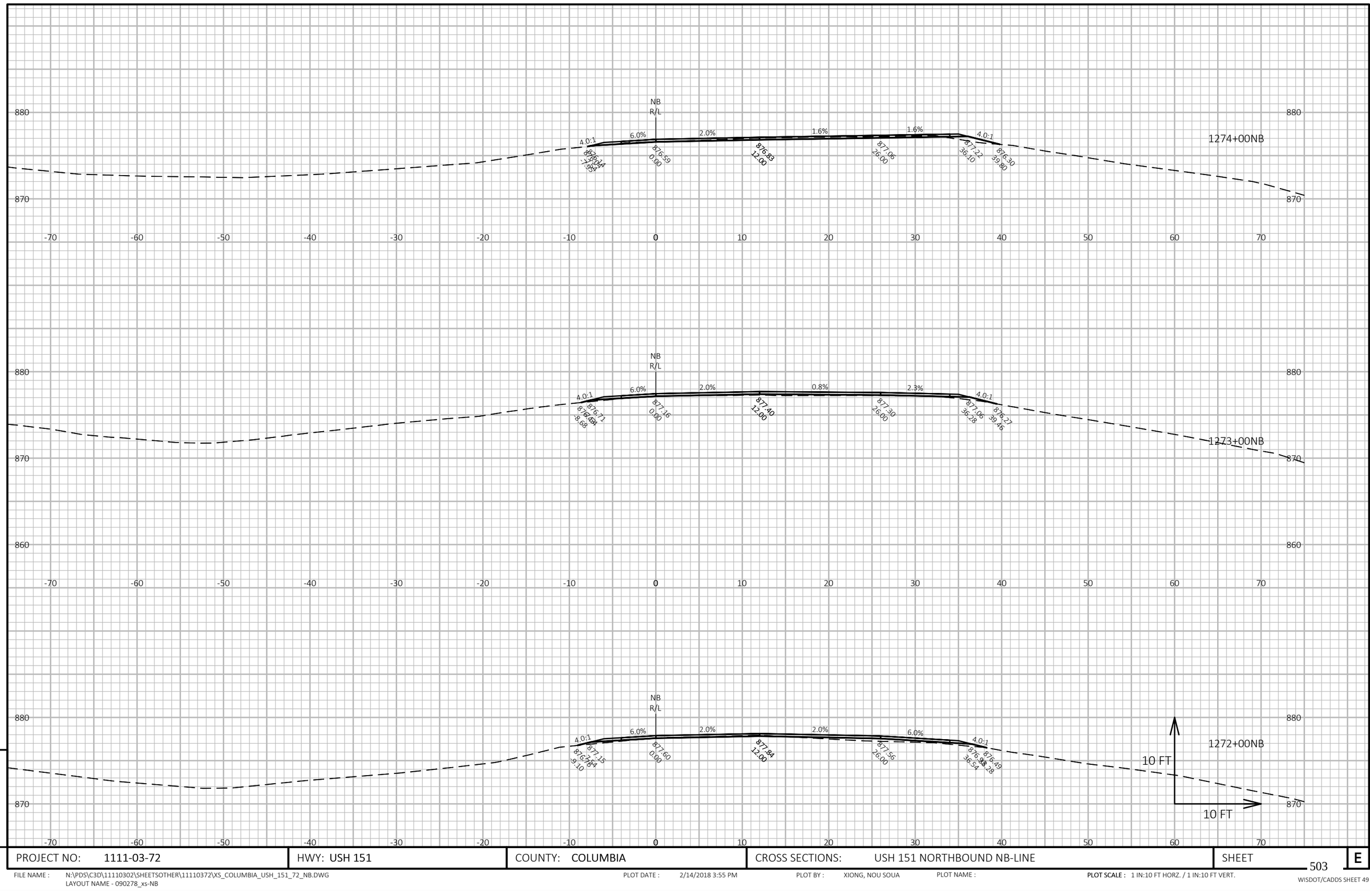


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 502 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090277_xs-NB

PLOT DATE : 2/14/2018 3:55 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



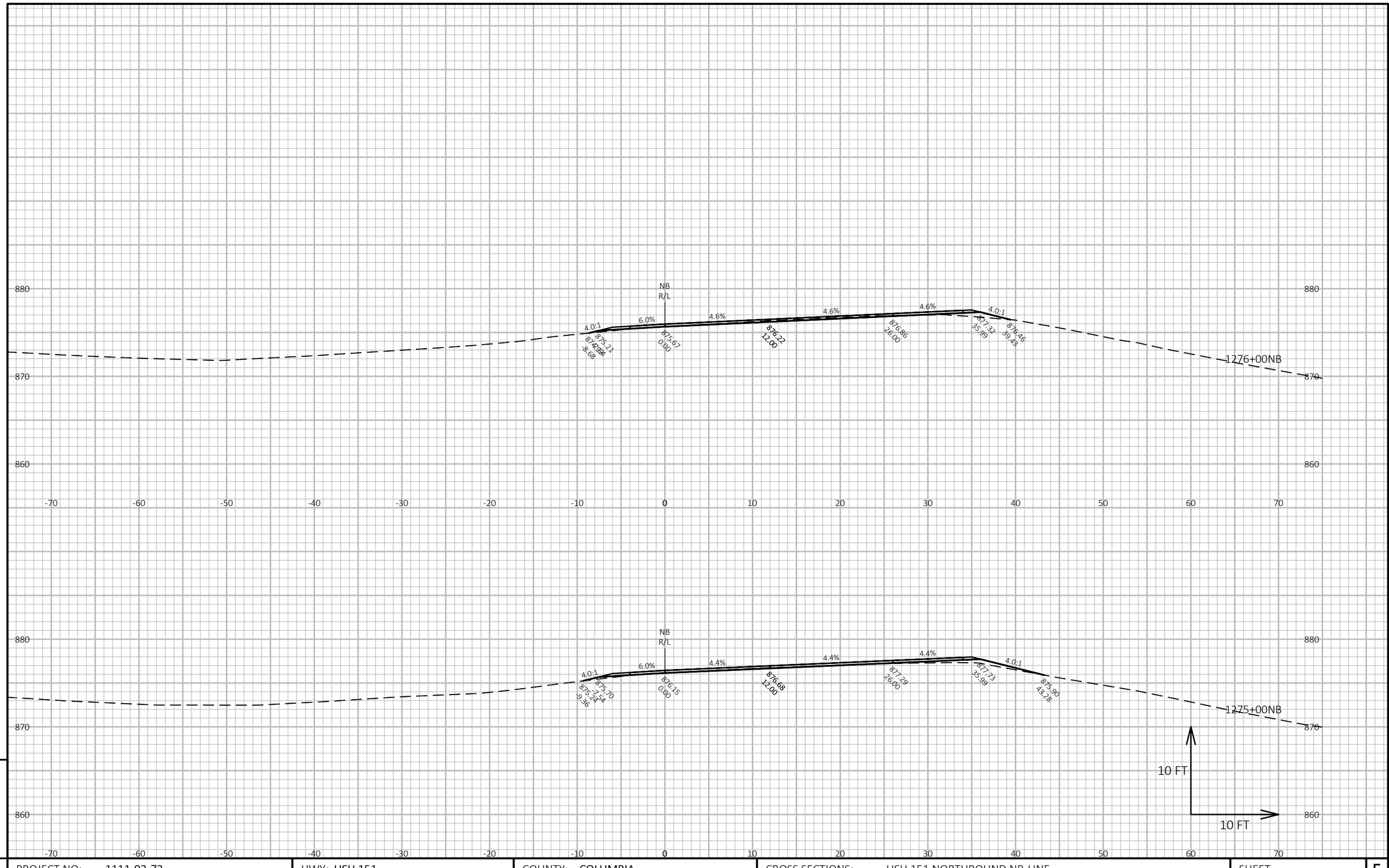
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 503	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090278_xs-NB

PLOT DATE : 2/14/2018 3:55 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 504	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090279_xs-NB

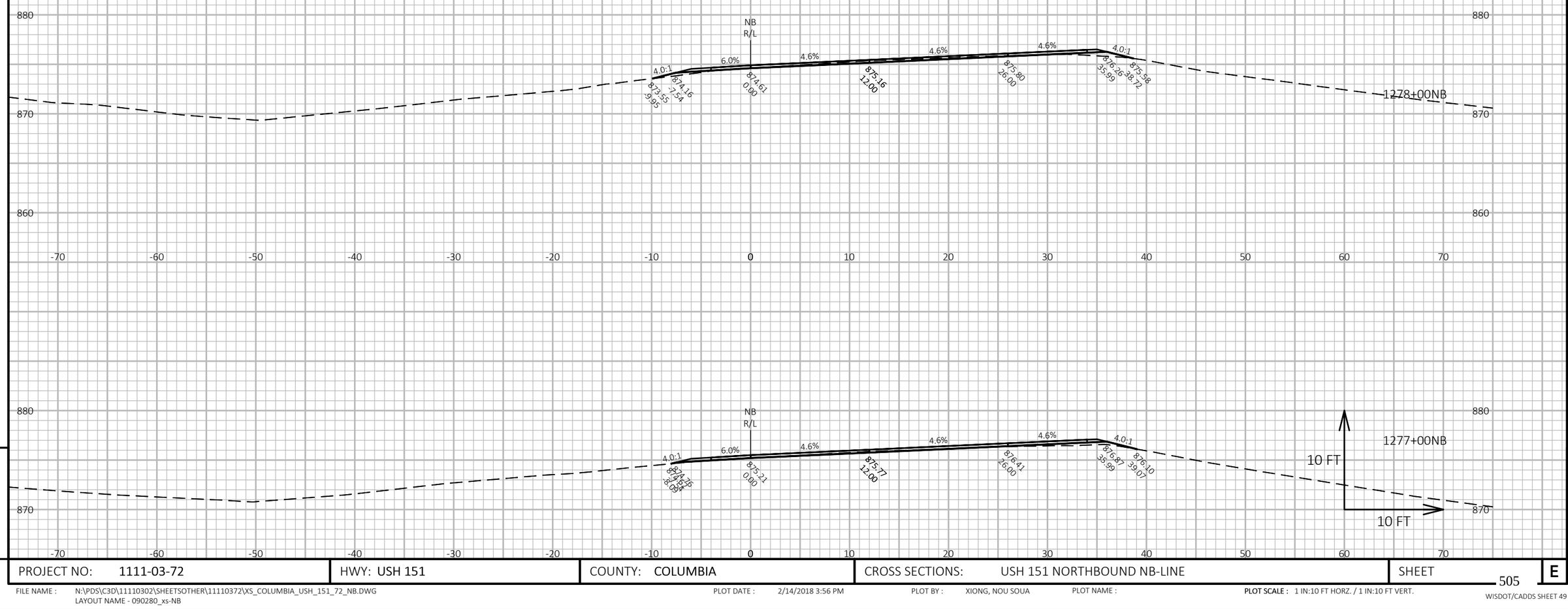
PLOT DATE : 2/14/2018 3:55 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

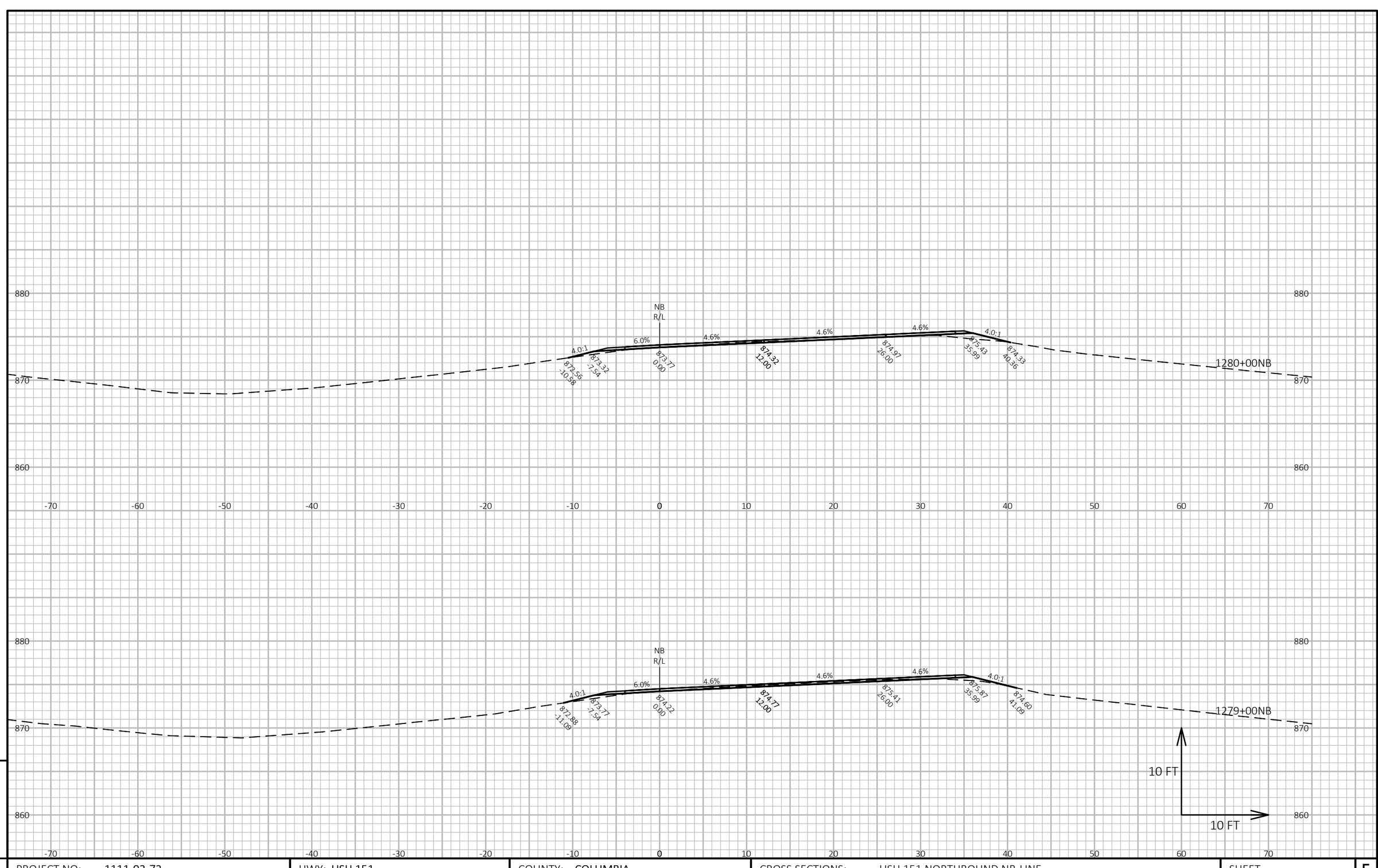
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 505	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090280_xs-NB

PLOT DATE : 2/14/2018 3:56 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



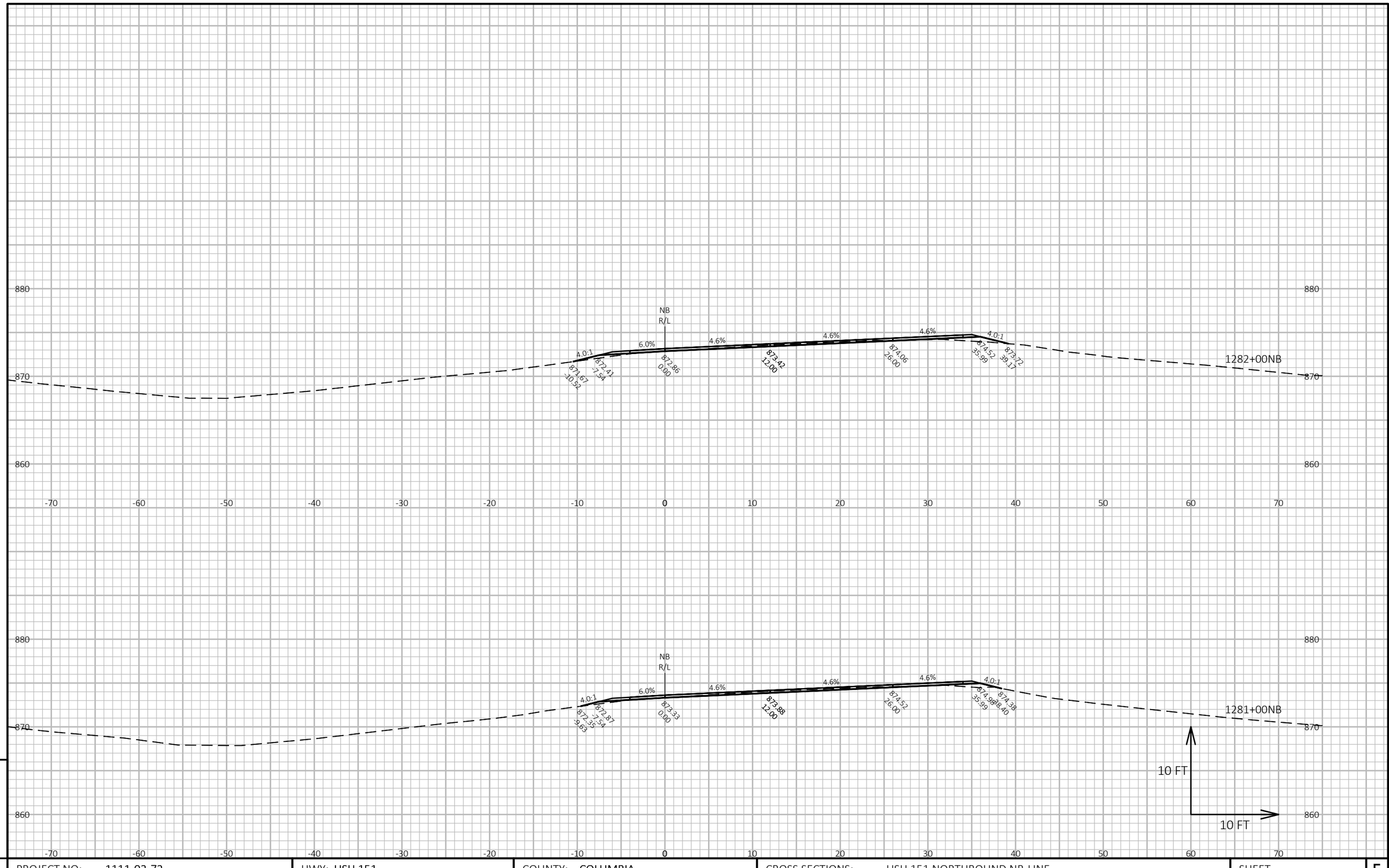
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 506 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090281_xs-NB

PLOT DATE : 2/14/2018 3:56 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 507	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090282_xs-NB

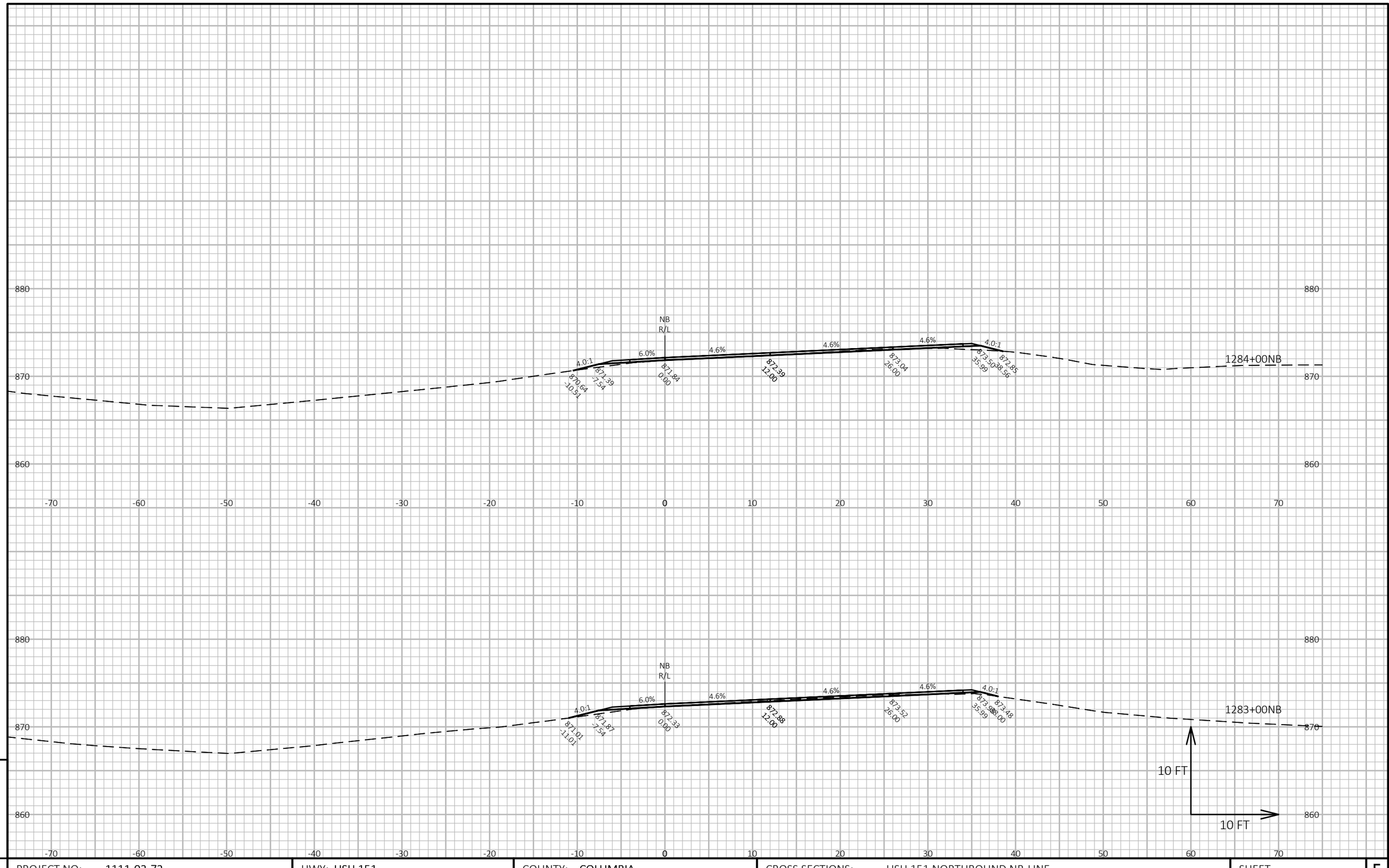
PLOT DATE : 2/14/2018 3:56 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 508	E

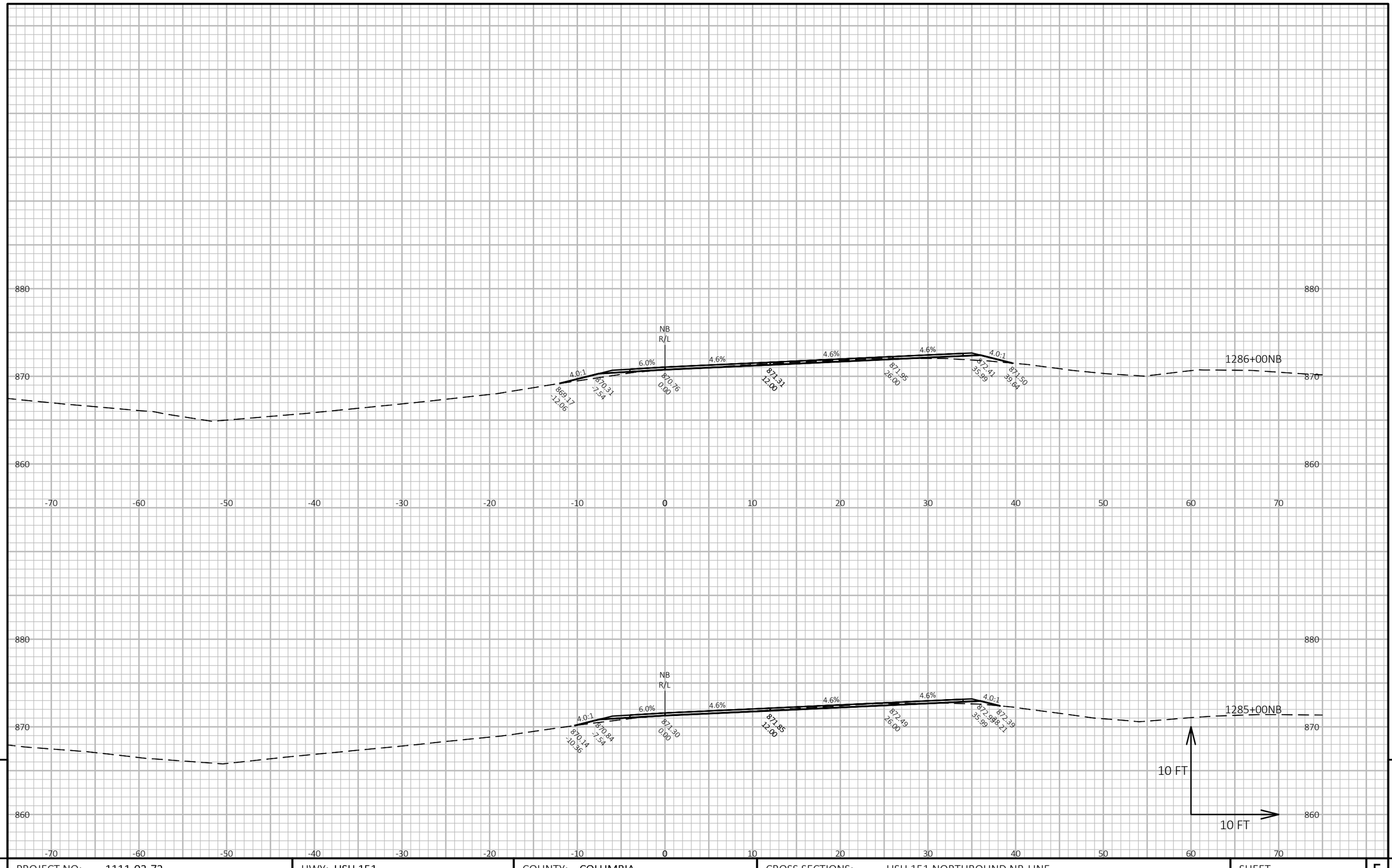
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LAYOUT NAME - 090283_xs-NB

PLOT DATE : 2/14/2018 3:56 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 509	E

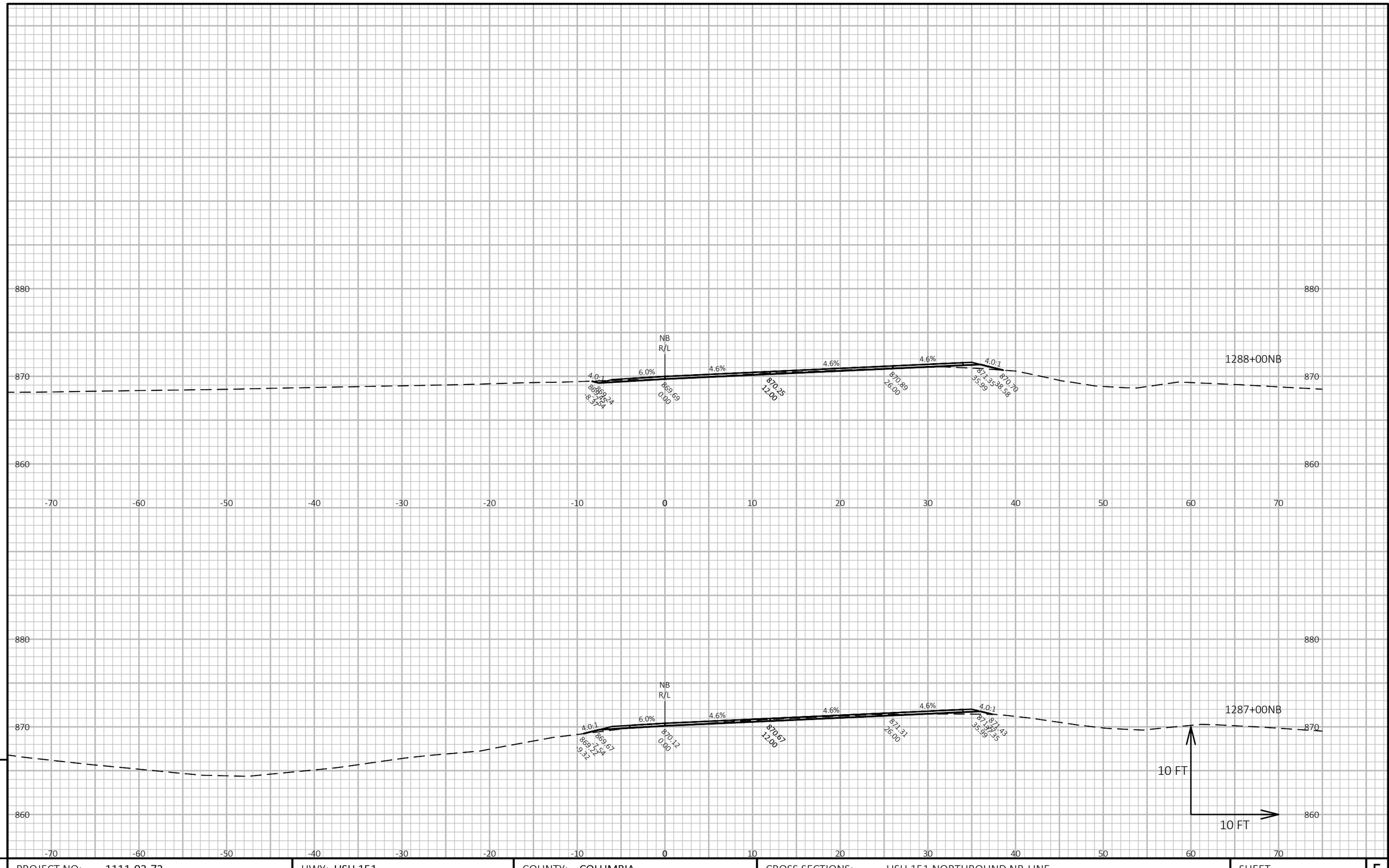
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LAYOUT NAME - 090284_xs-NB

PLOT DATE : 2/14/2018 3:56 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 510	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090285_xs-NB

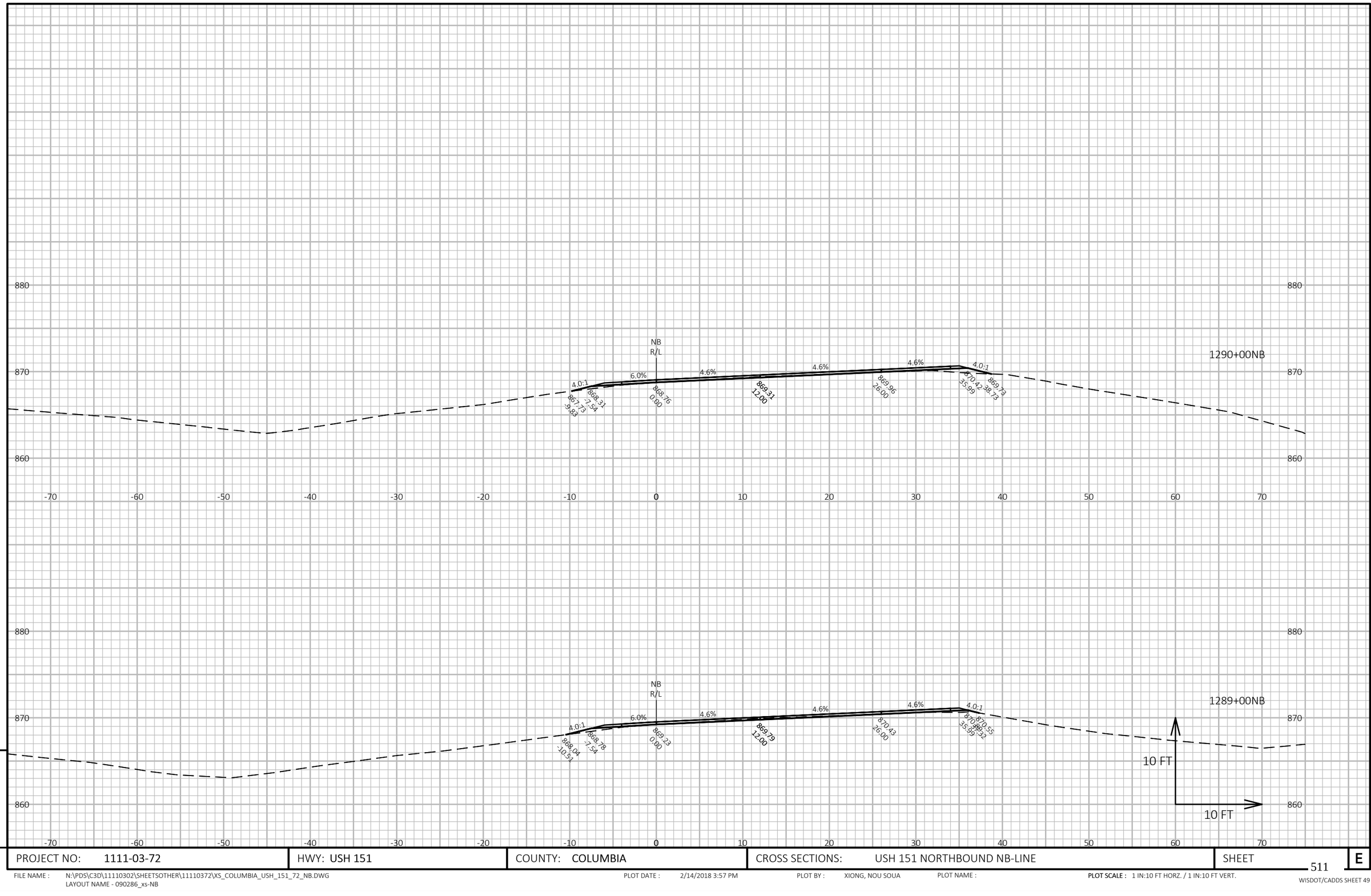
PLOT DATE : 2/14/2018 3:57 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 511	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090286_xs-NB

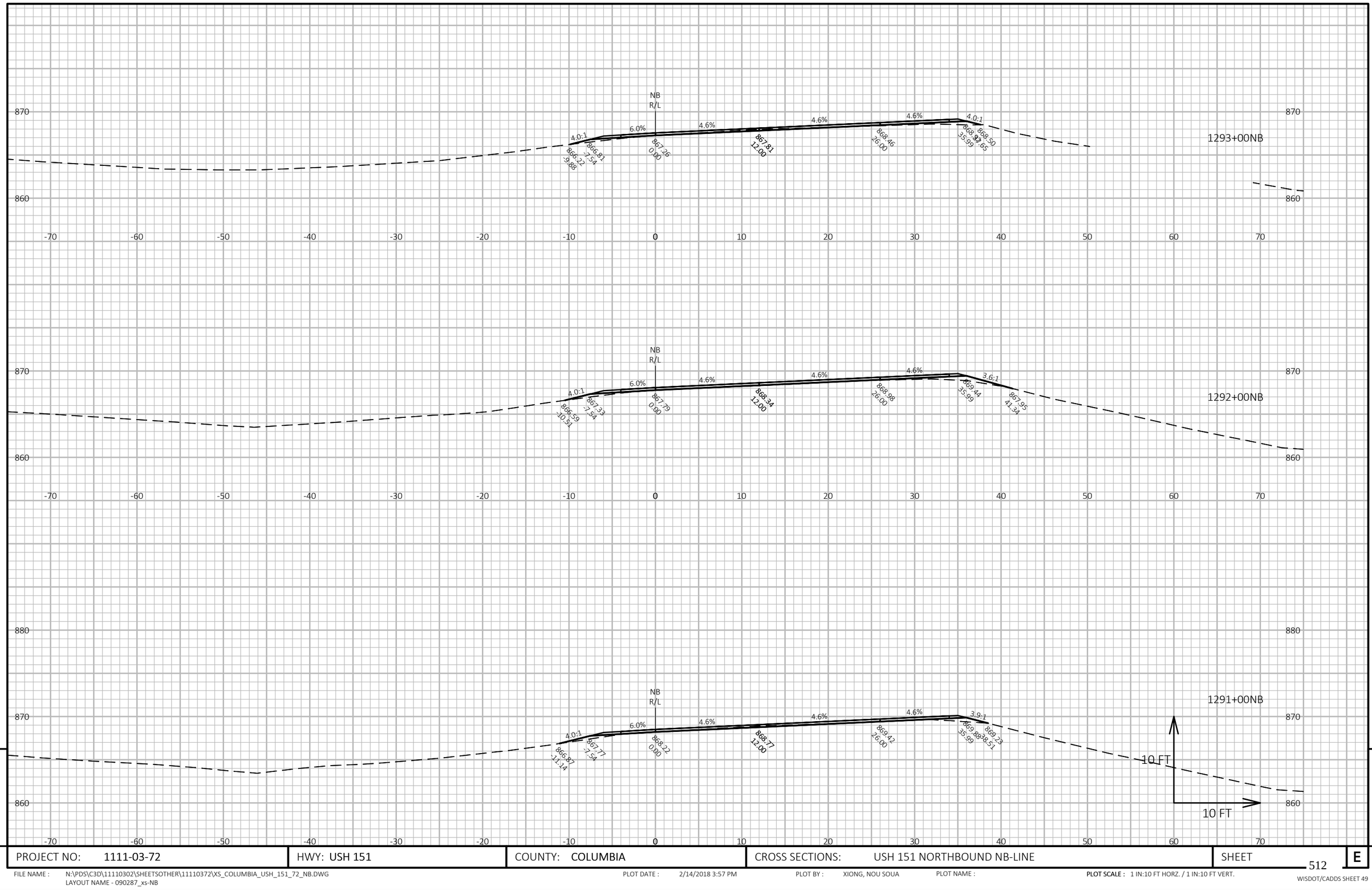
PLOT DATE : 2/14/2018 3:57 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

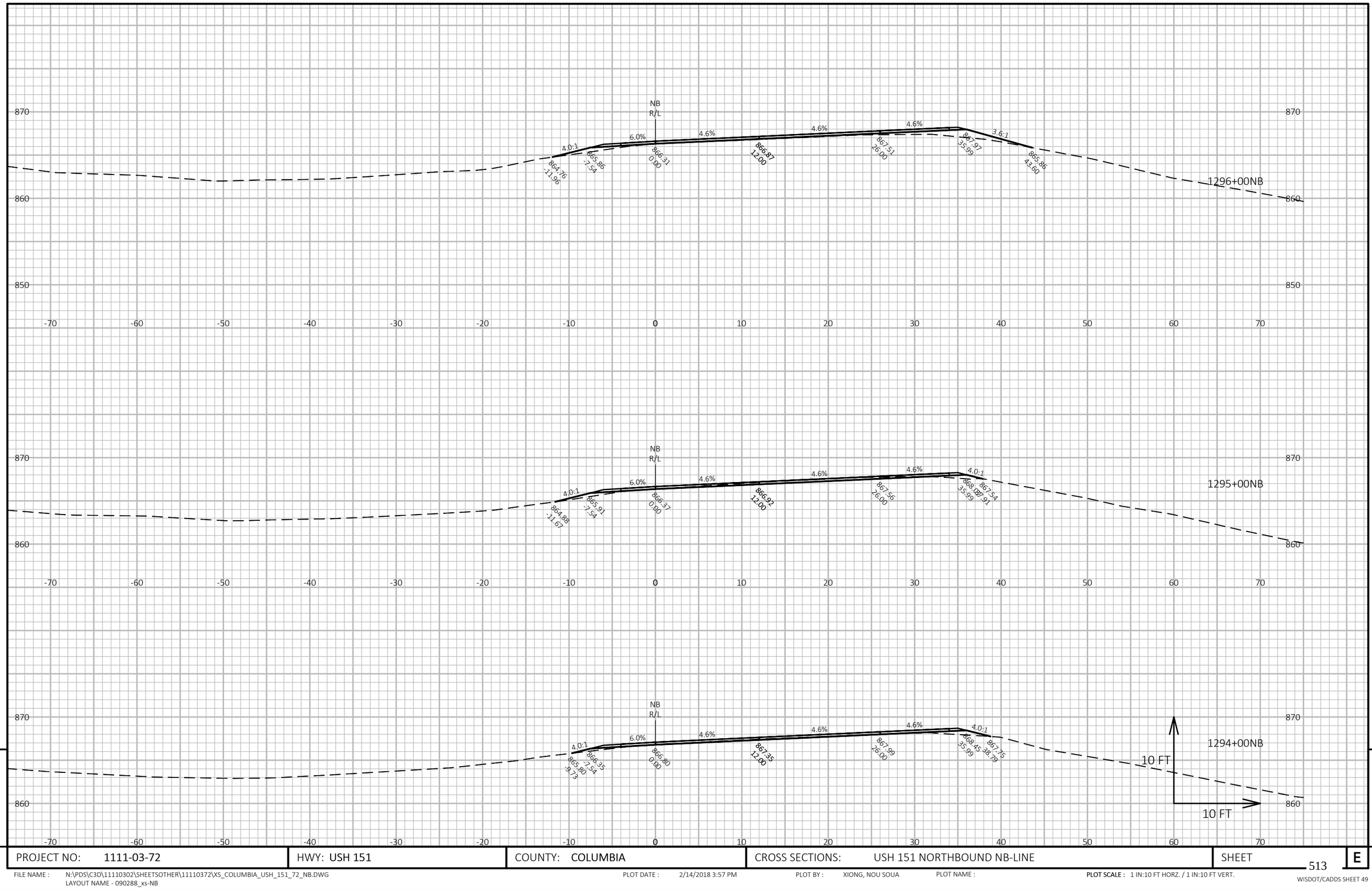


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 512 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090287_xs-NB

PLOT DATE : 2/14/2018 3:57 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 513	E

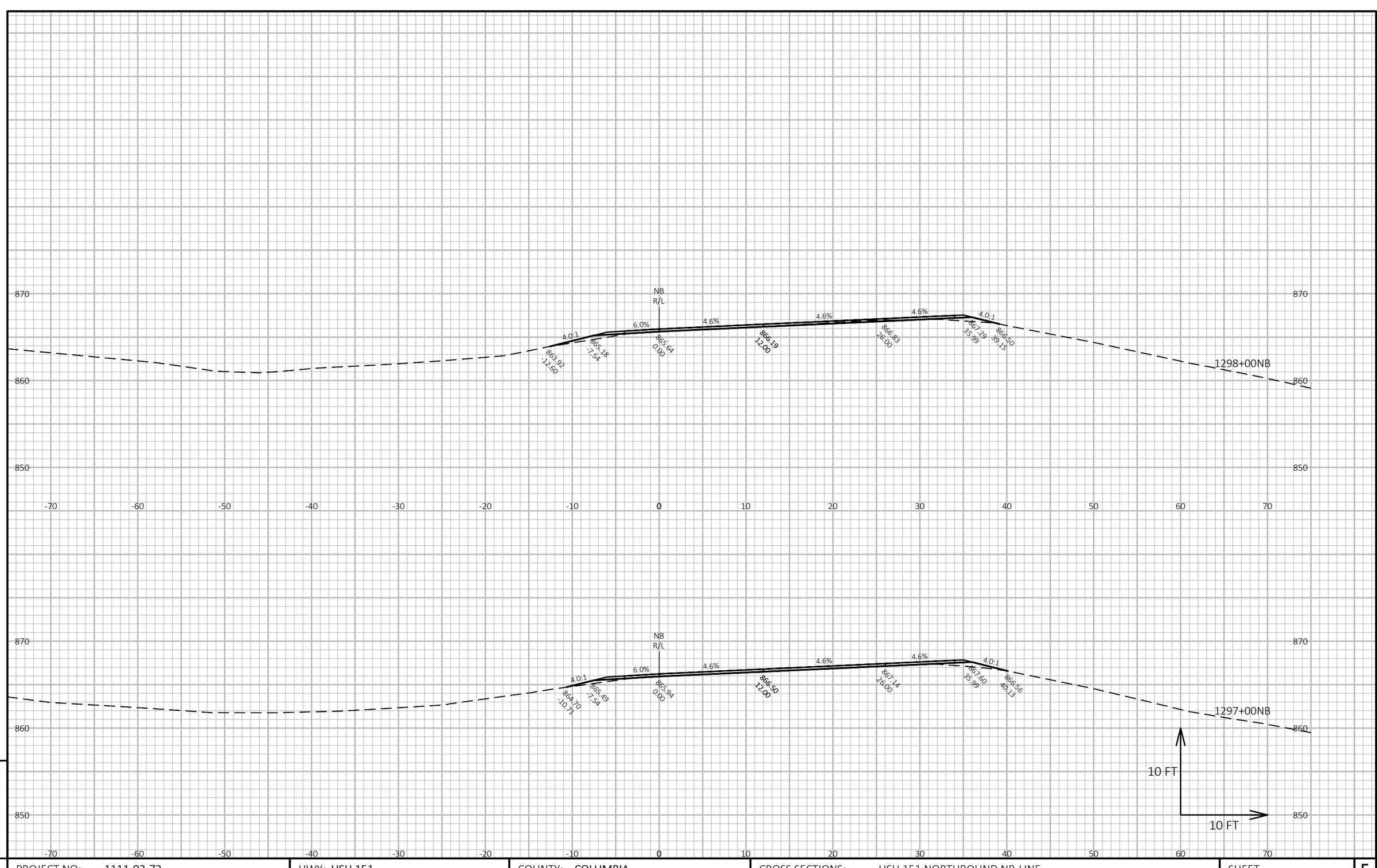
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LAYOUT NAME - 090288_xs-NB

PLOT DATE : 2/14/2018 3:57 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 514	E

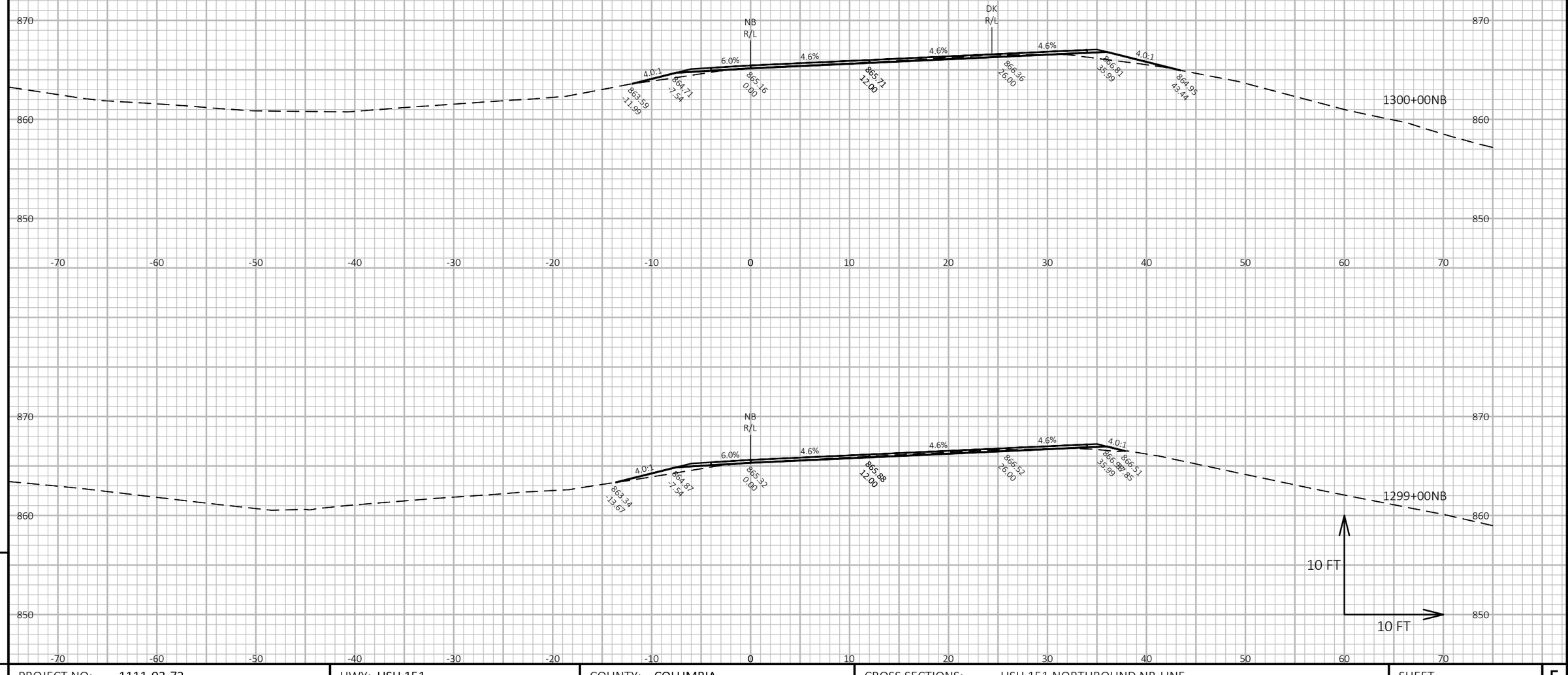
FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090289_xs-NB

PLOT DATE : 2/14/2018 3:57 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



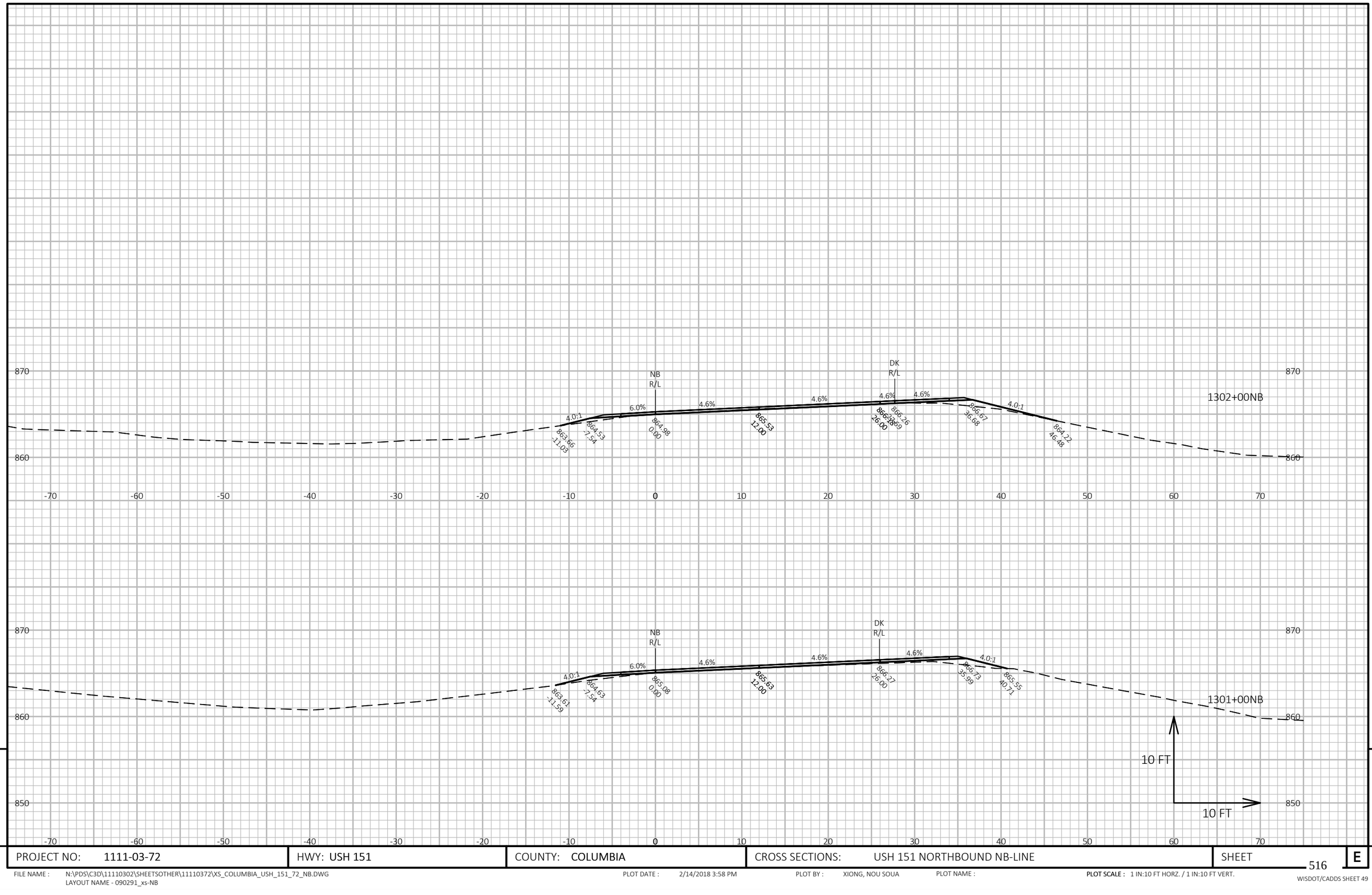
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 515 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090290_xs-NB

PLOT DATE : 2/14/2018 3:58 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



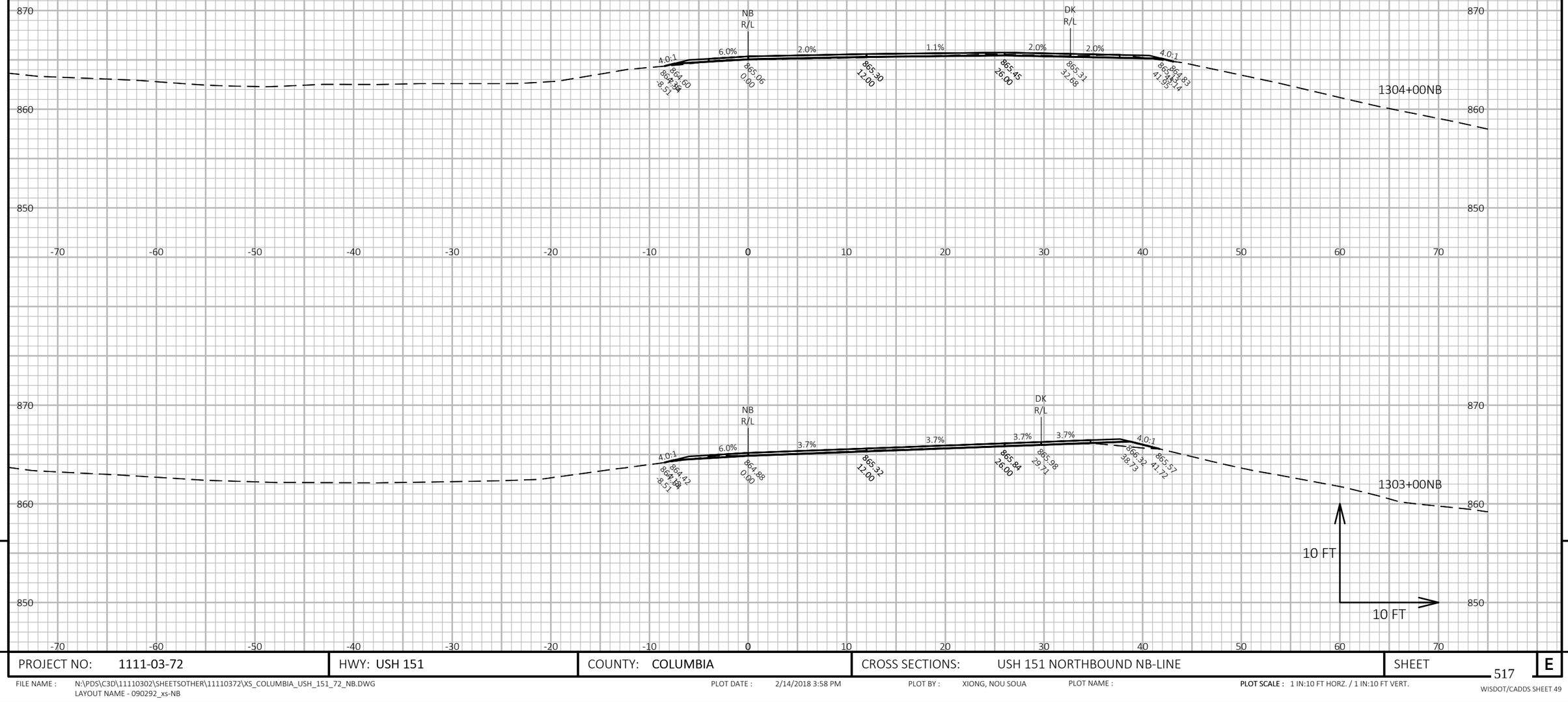
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 516	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090291_xs-NB

PLOT DATE : 2/14/2018 3:58 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

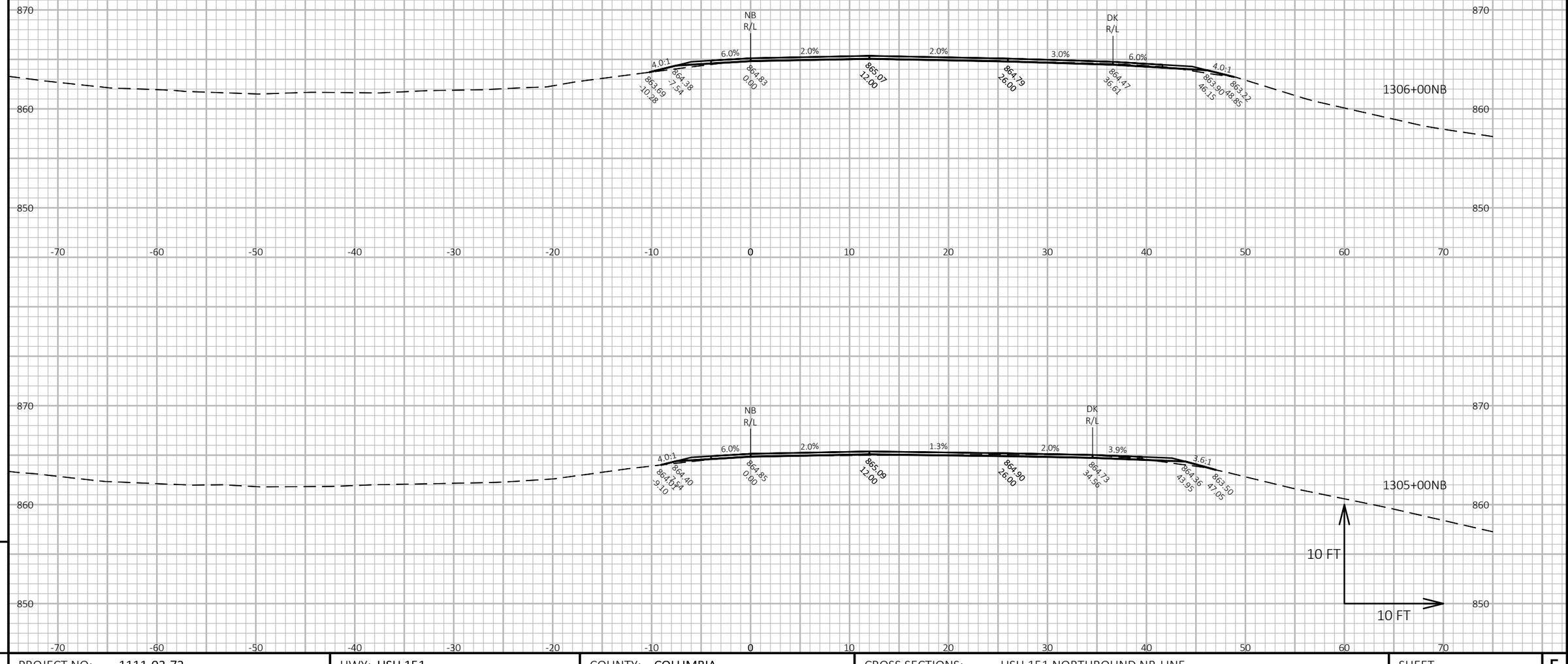


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 517 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090292_xs-NB

PLOT DATE : 2/14/2018 3:58 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

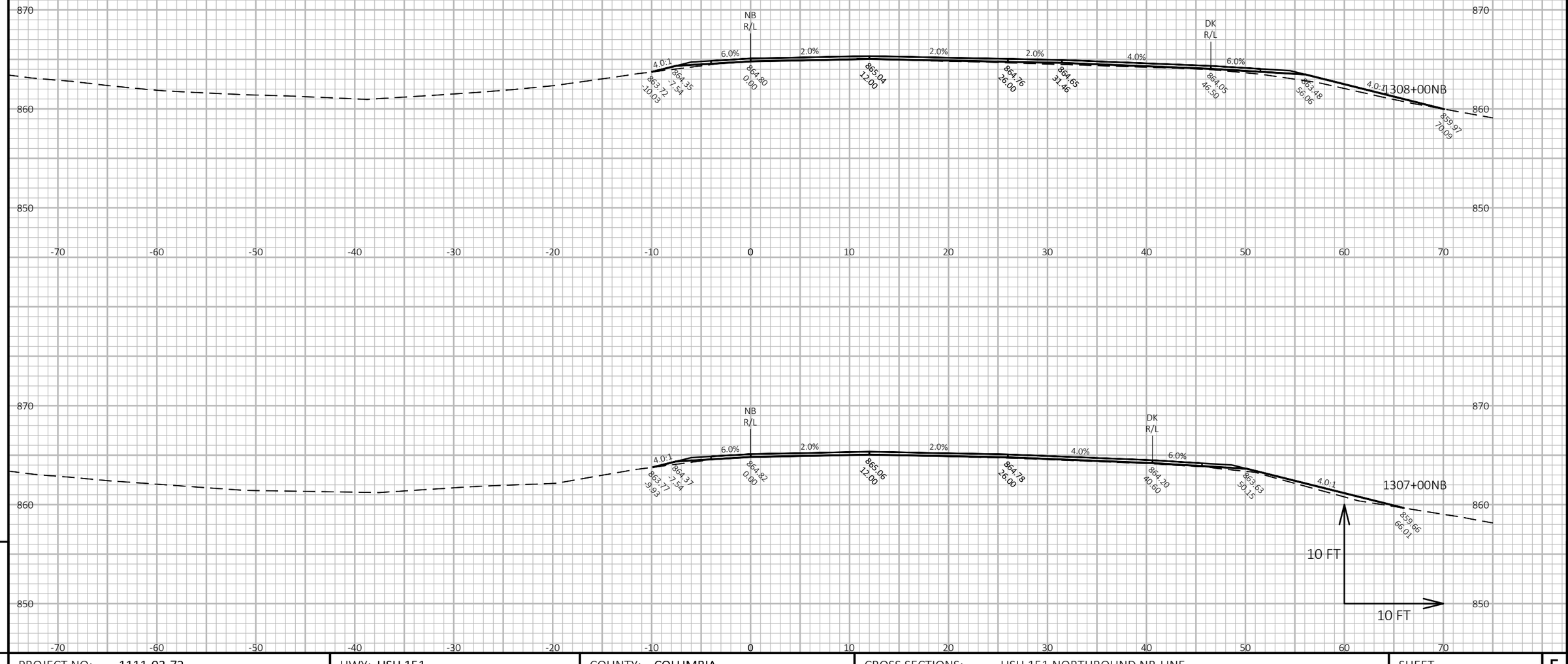


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 518 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090293_xs-NB

PLOT DATE : 2/14/2018 3:58 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 519	E

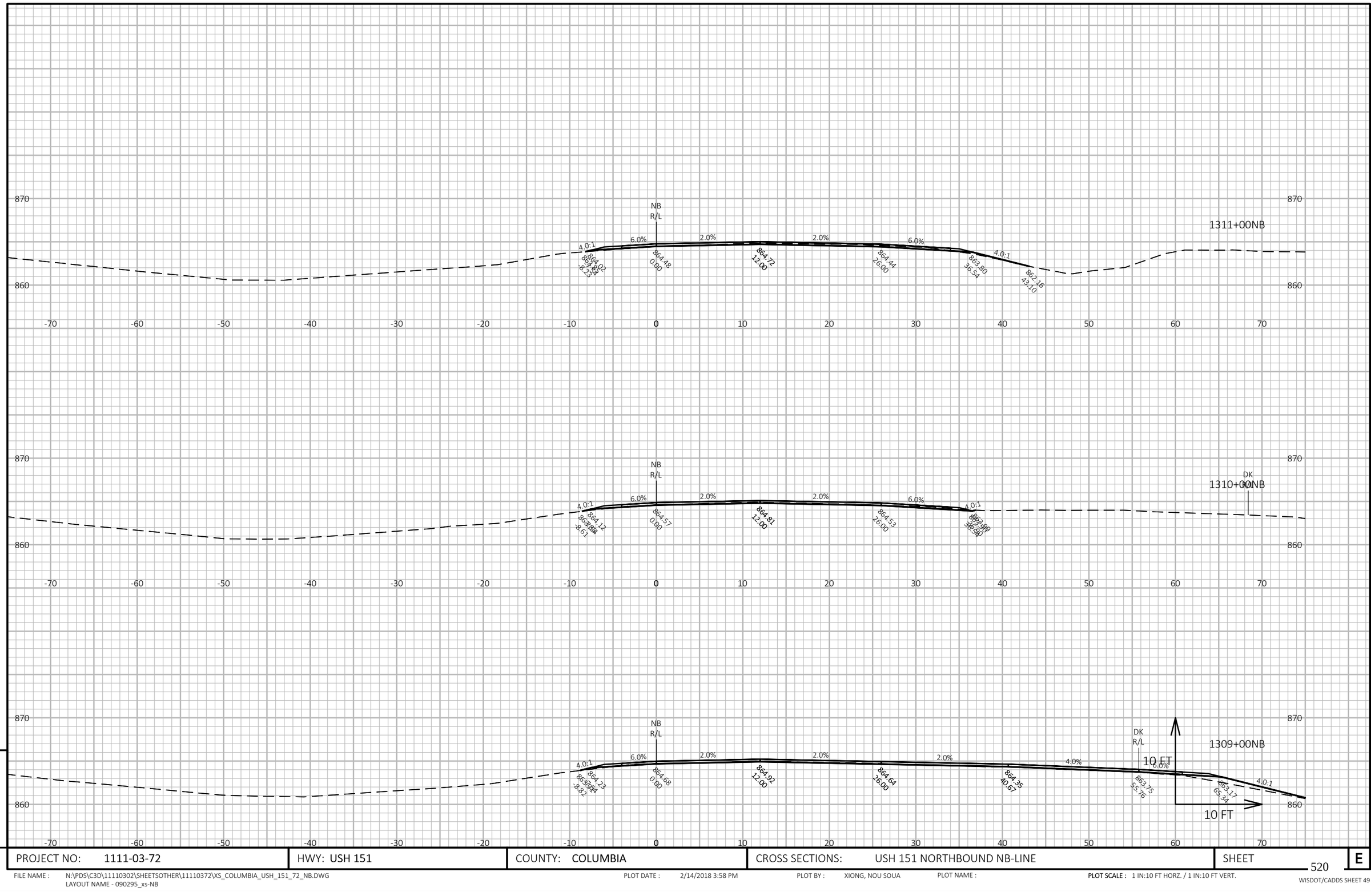
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LAYOUT NAME - 090294_xs-NB

PLOT DATE : 2/14/2018 3:58 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 520	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
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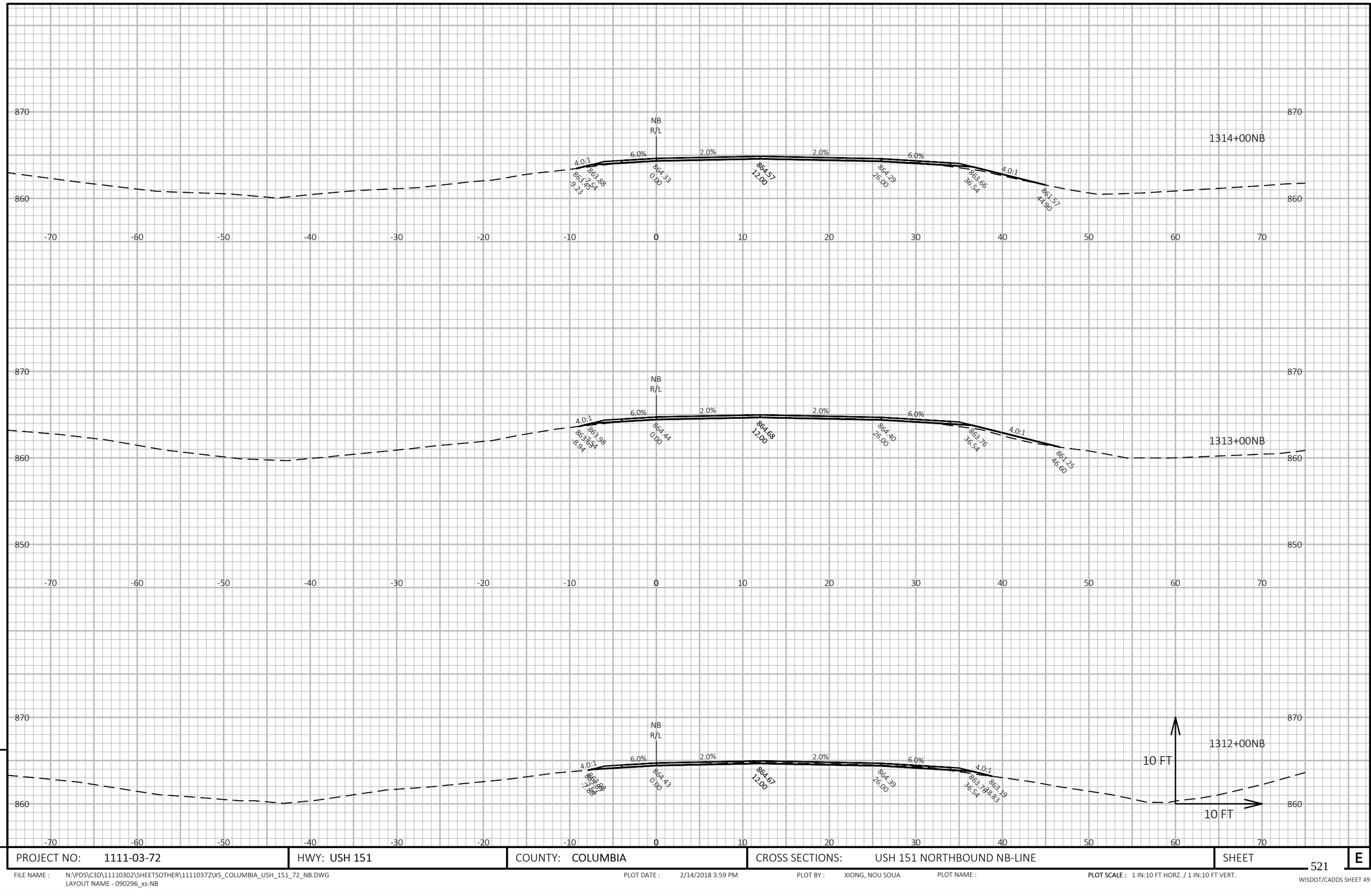
PLOT DATE : 2/14/2018 3:58 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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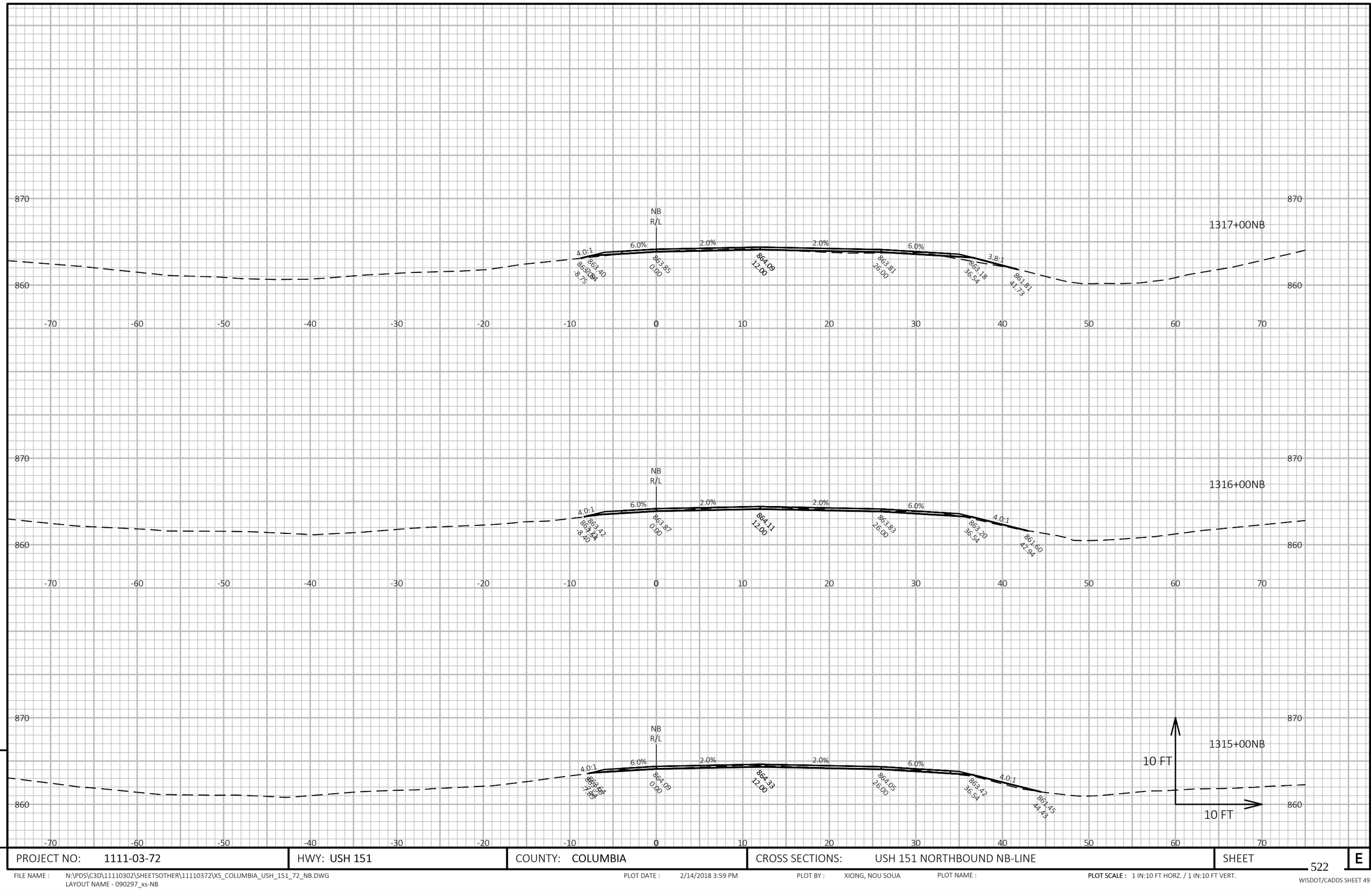
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 521	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090296_xs-NB

PLOT DATE : 2/14/2018 3:59 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 522	E

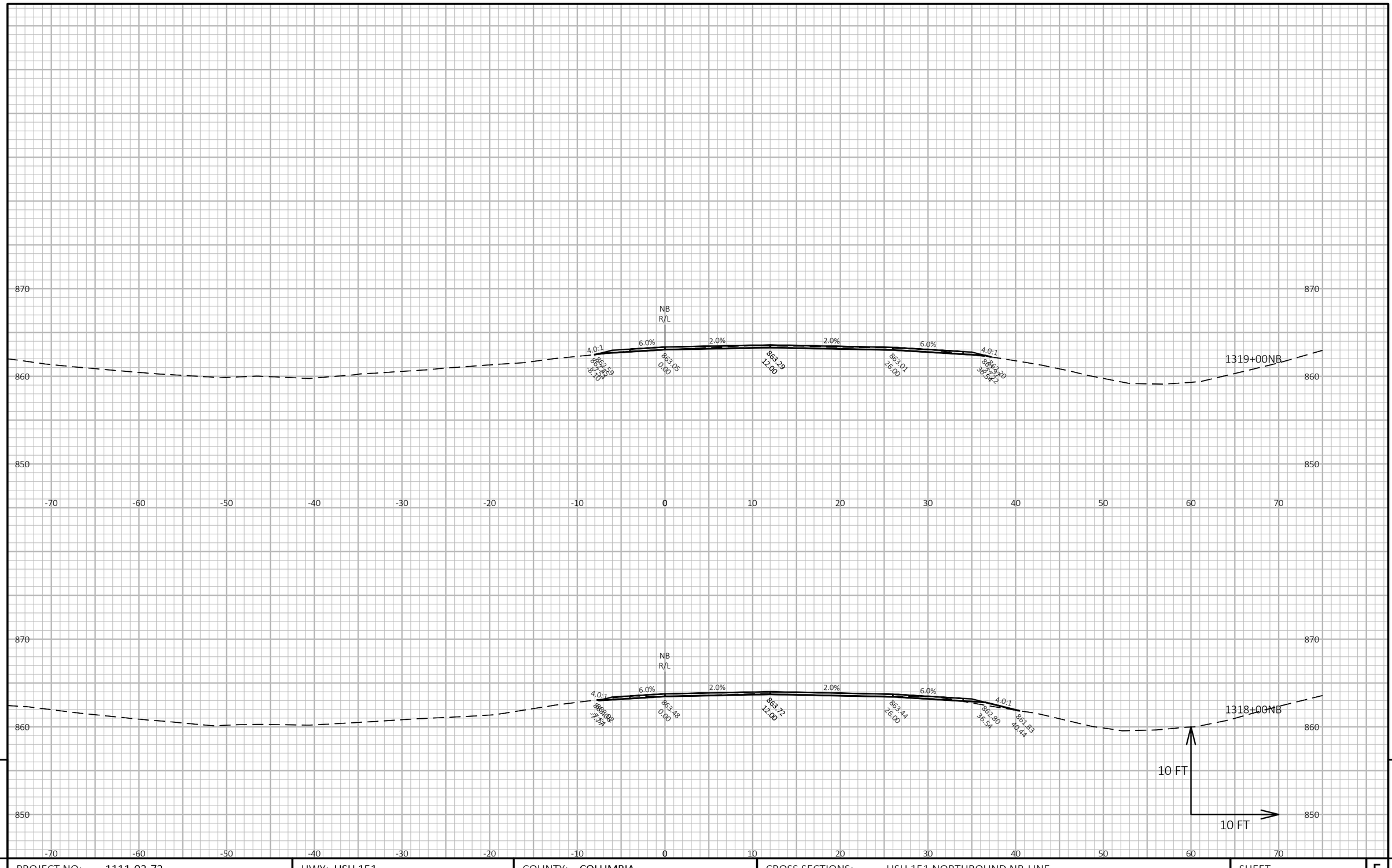
FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090297_xs-NB

PLOT DATE : 2/14/2018 3:59 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 523	E

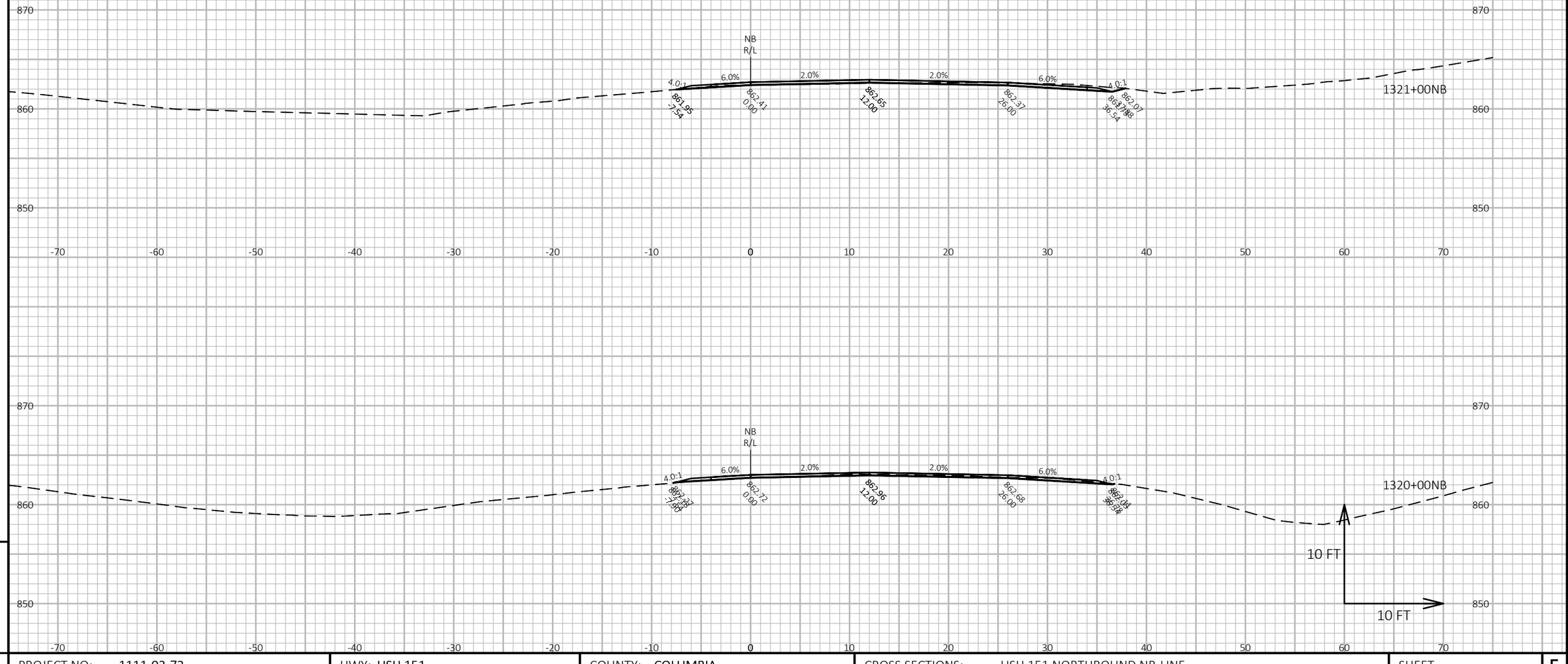
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LAYOUT NAME - 090298_xs-NB

PLOT DATE : 2/14/2018 3:59 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 524	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090299_xs-NB

PLOT DATE : 2/14/2018 3:59 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 525	E

9

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090300_xs-NB

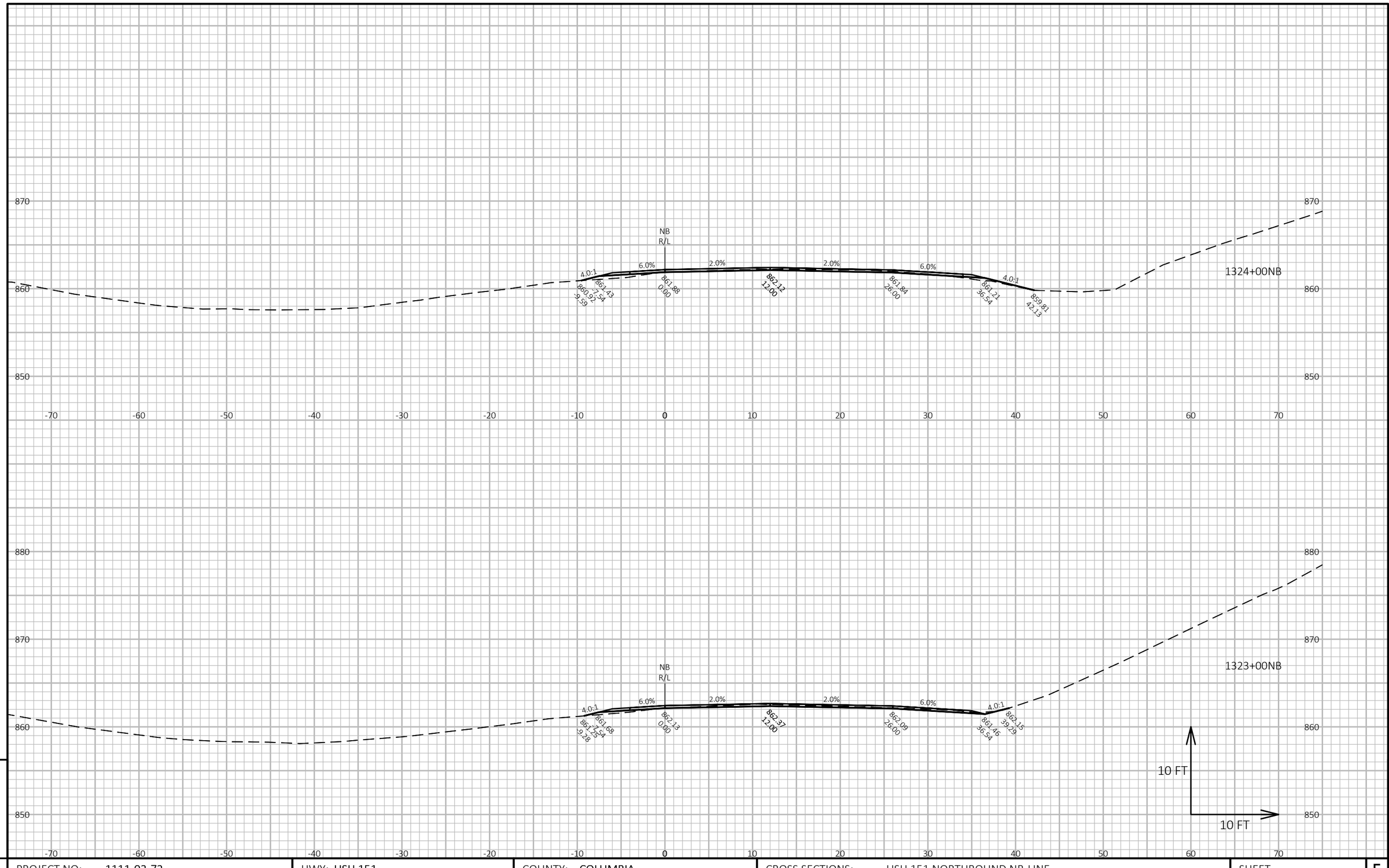
PLOT DATE : 2/14/2018 3:59 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET

526

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090301_xs-NB

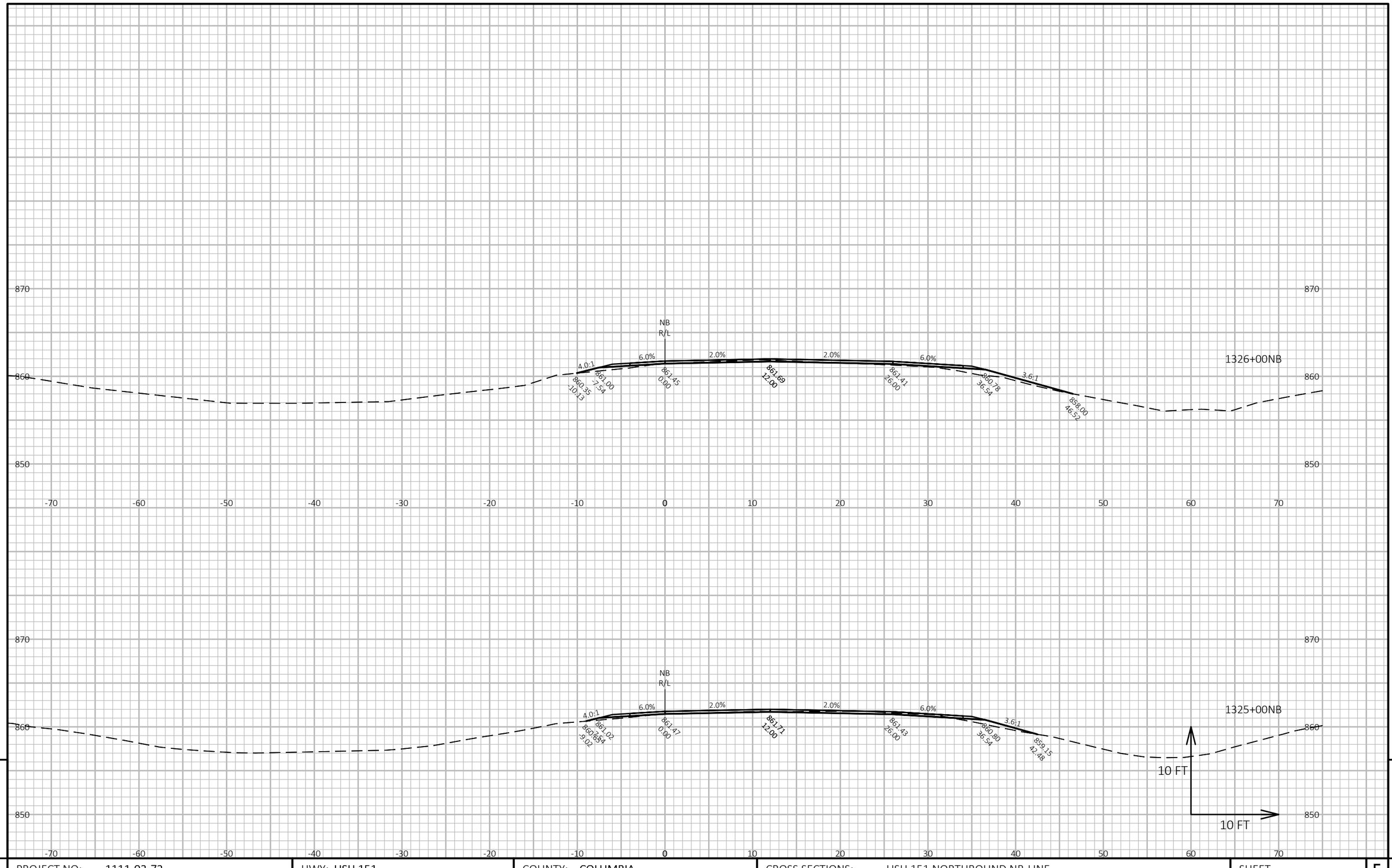
PLOT DATE : 2/14/2018 4:00 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

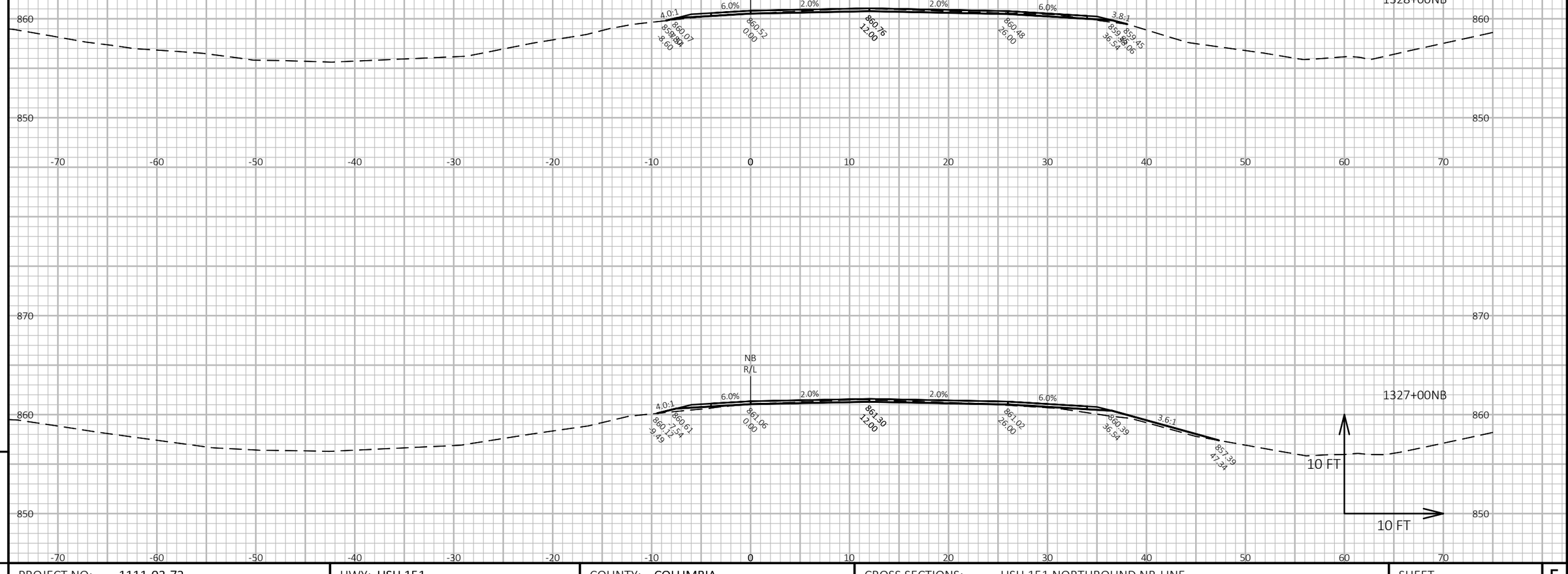


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 527 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090302_xs-NB

PLOT DATE : 2/14/2018 4:00 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 528	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090303_xs-NB

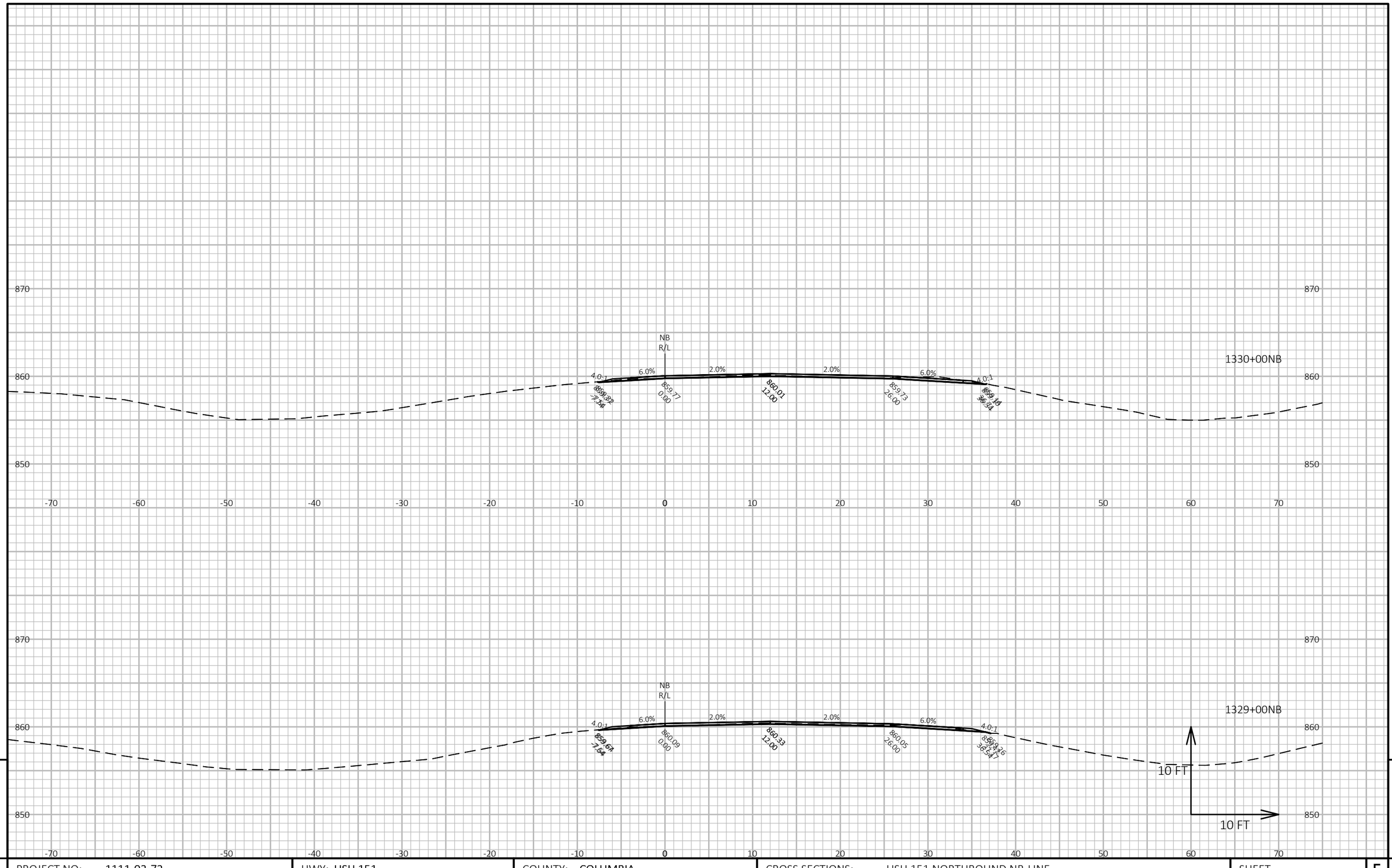
PLOT DATE : 2/14/2018 4:00 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 529	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090304_xs-NB

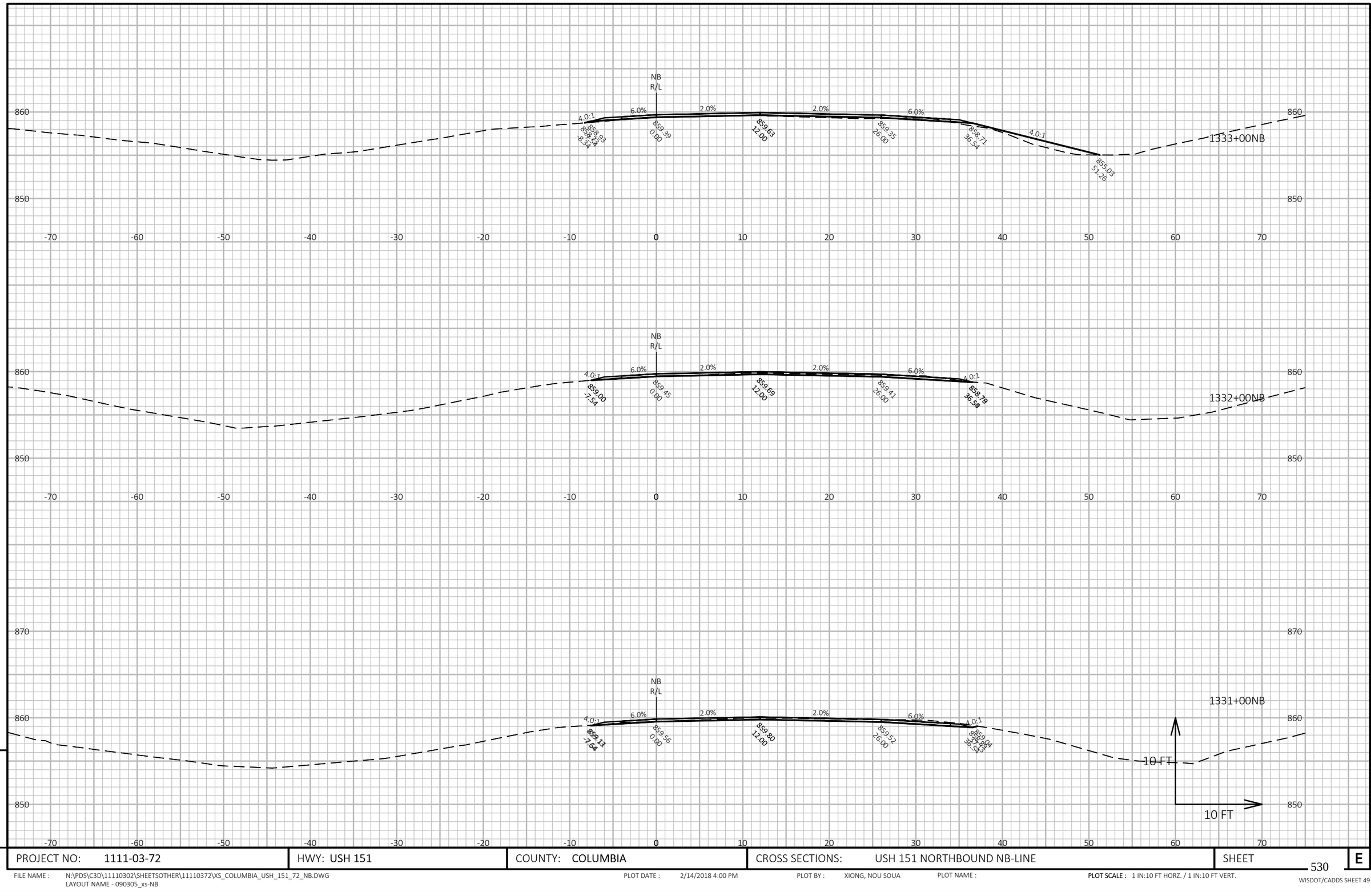
PLOT DATE : 2/14/2018 4:00 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

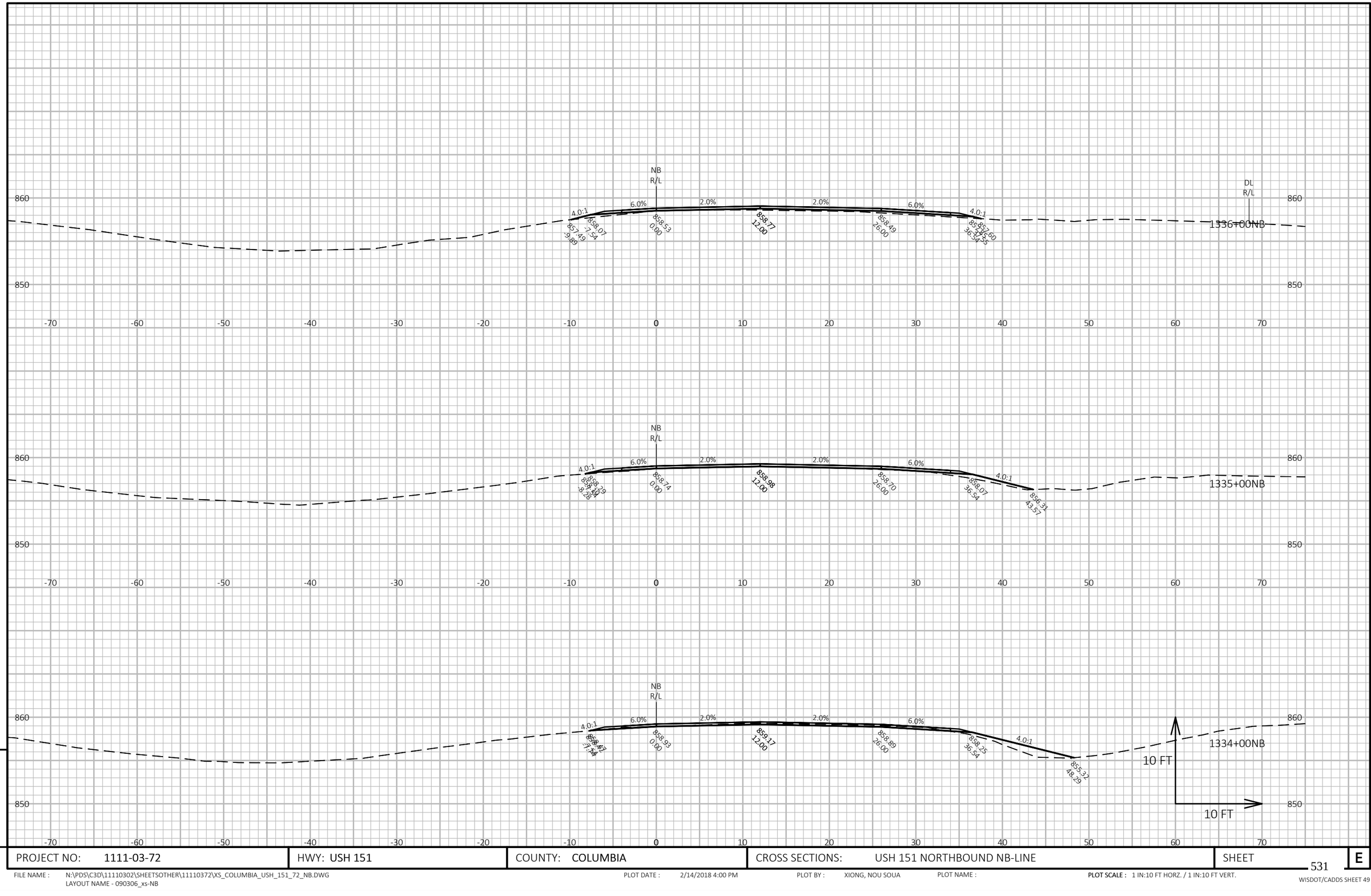


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 530

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090305_xs-NB

PLOT DATE : 2/14/2018 4:00 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

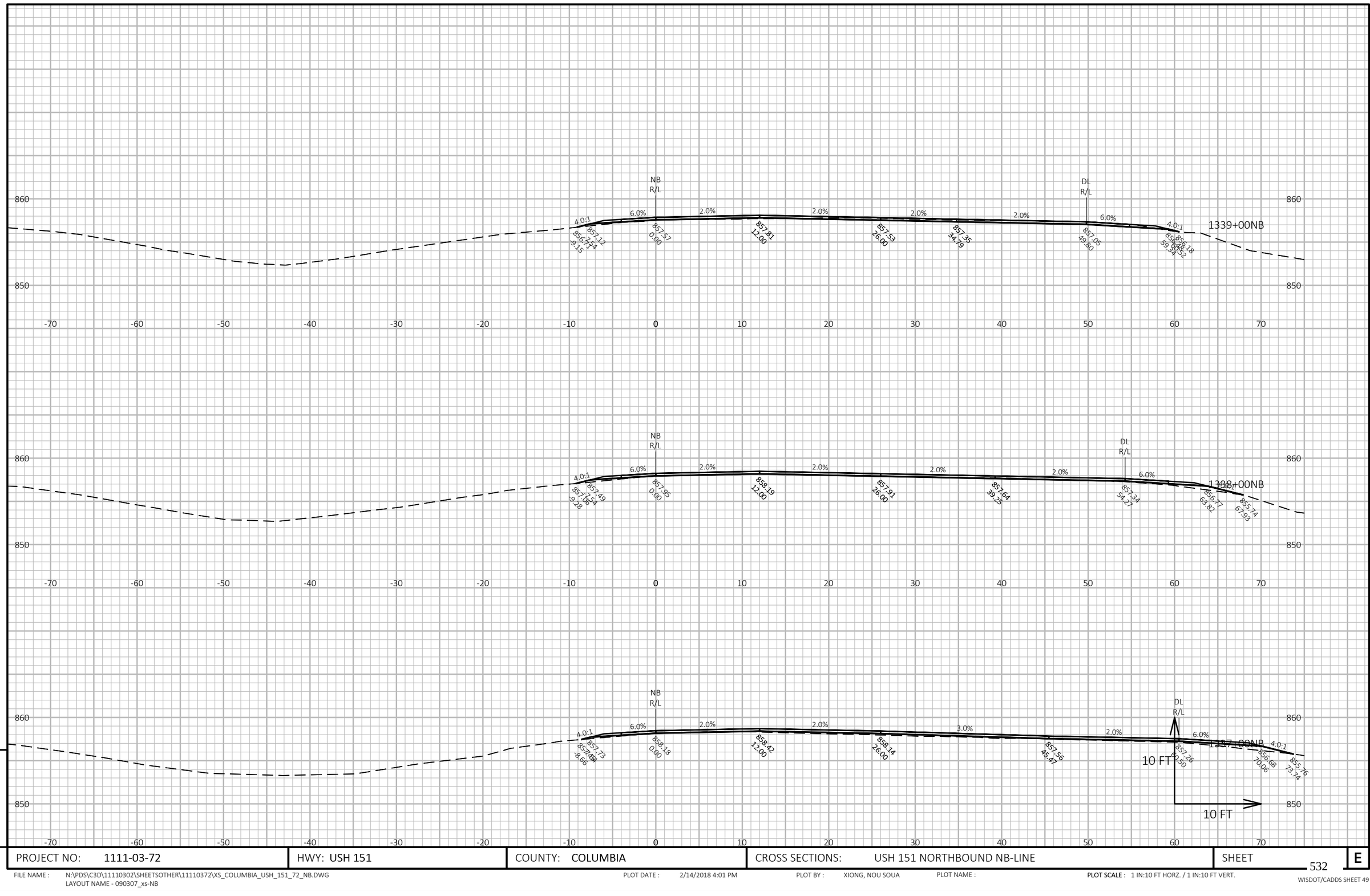


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 531 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090306_xs-NB

PLOT DATE : 2/14/2018 4:00 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



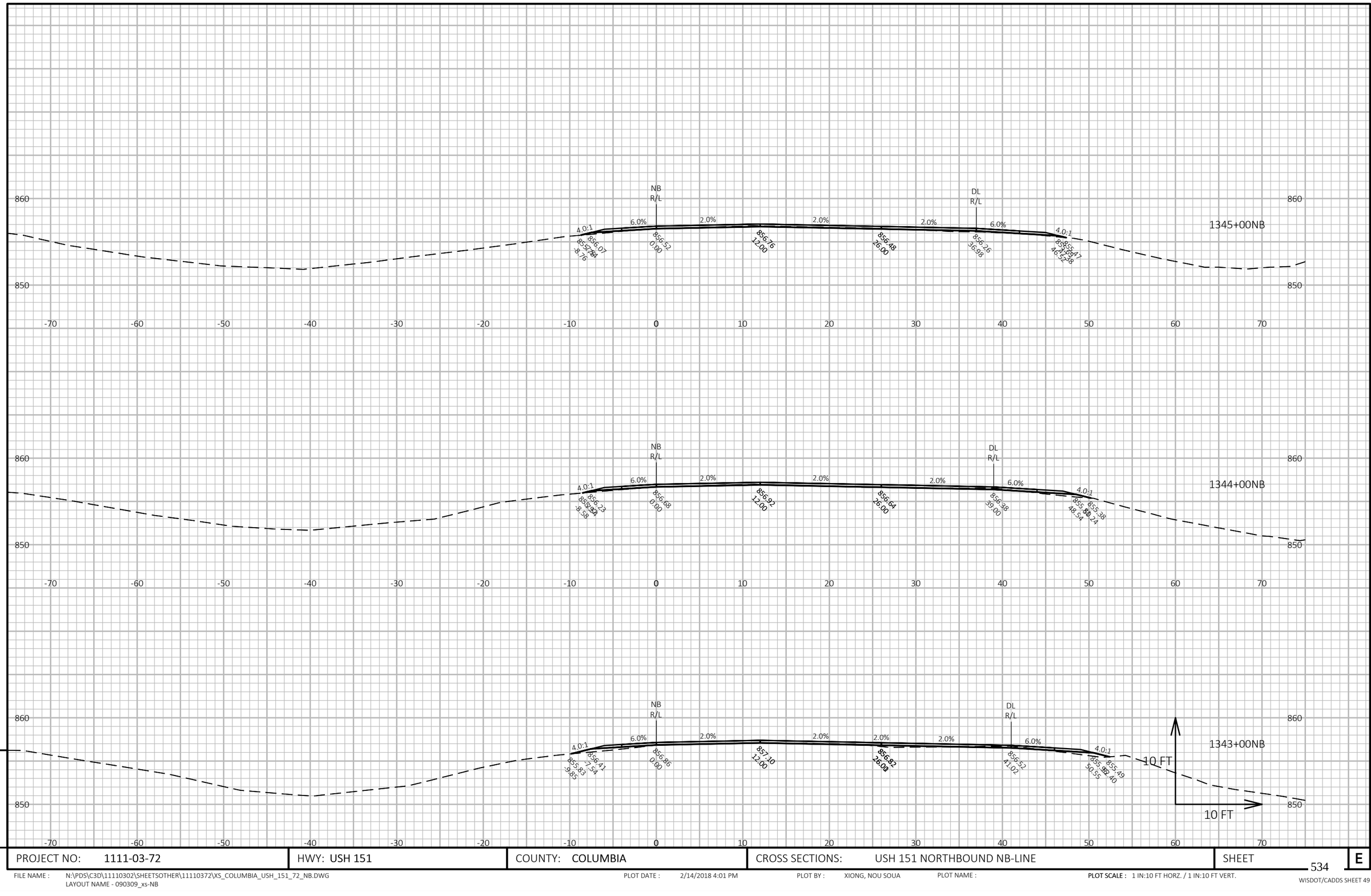
PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 532 E

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 533 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090308_xs-NB

PLOT DATE : 2/14/2018 4:01 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 534	E

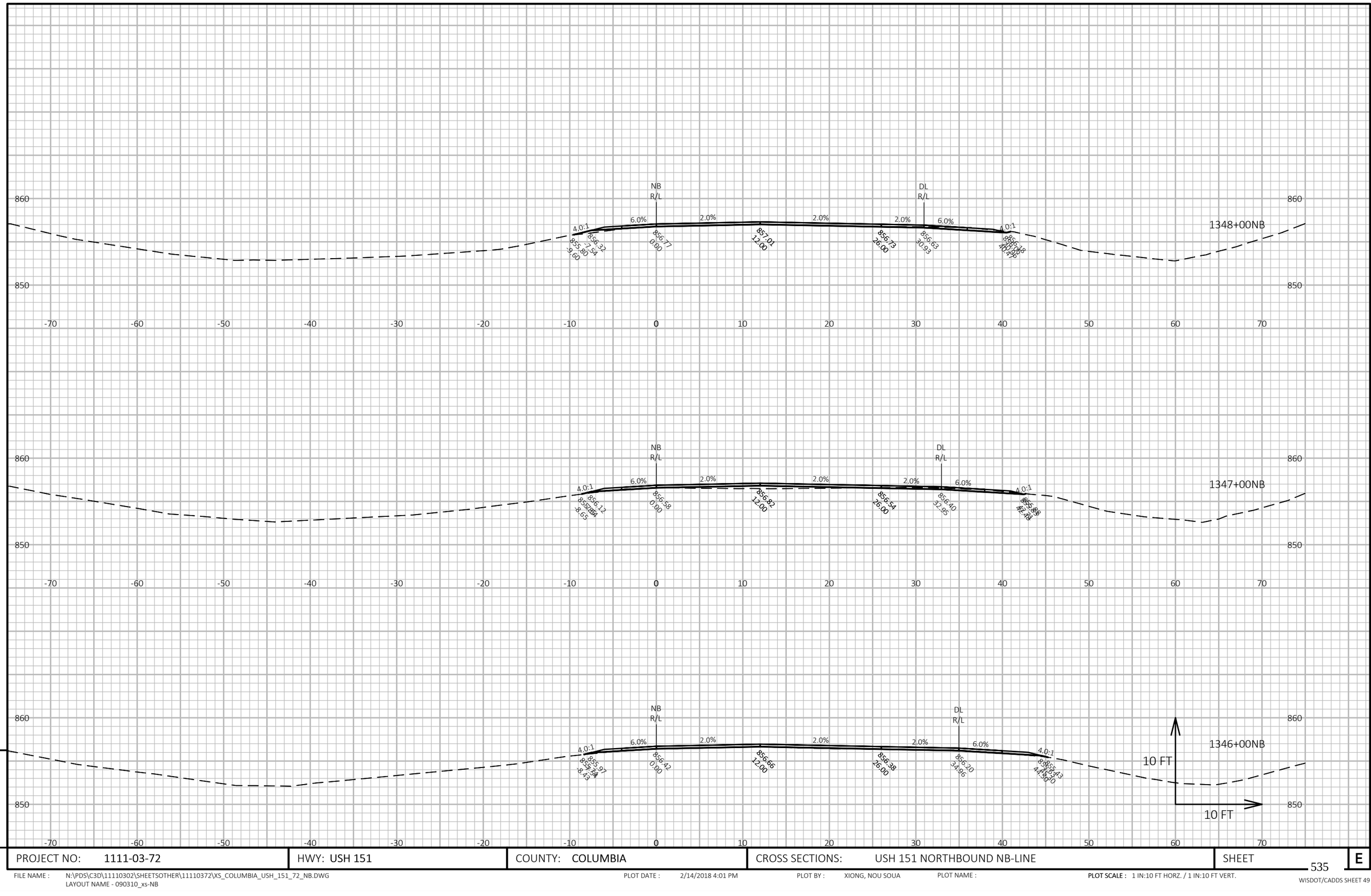
FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090309_xs-NB

PLOT DATE : 2/14/2018 4:01 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 535 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090310_xs-NB

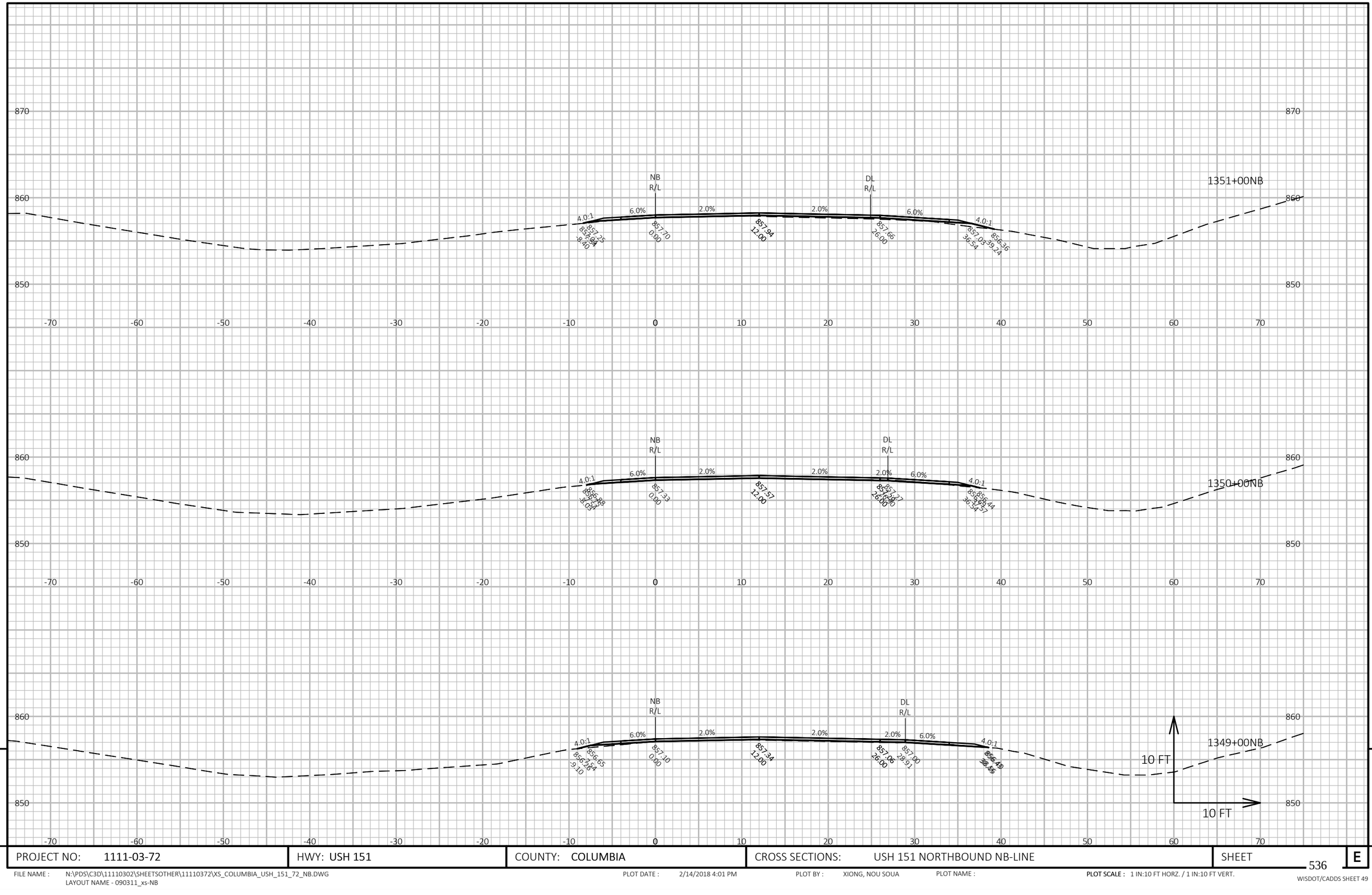
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PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

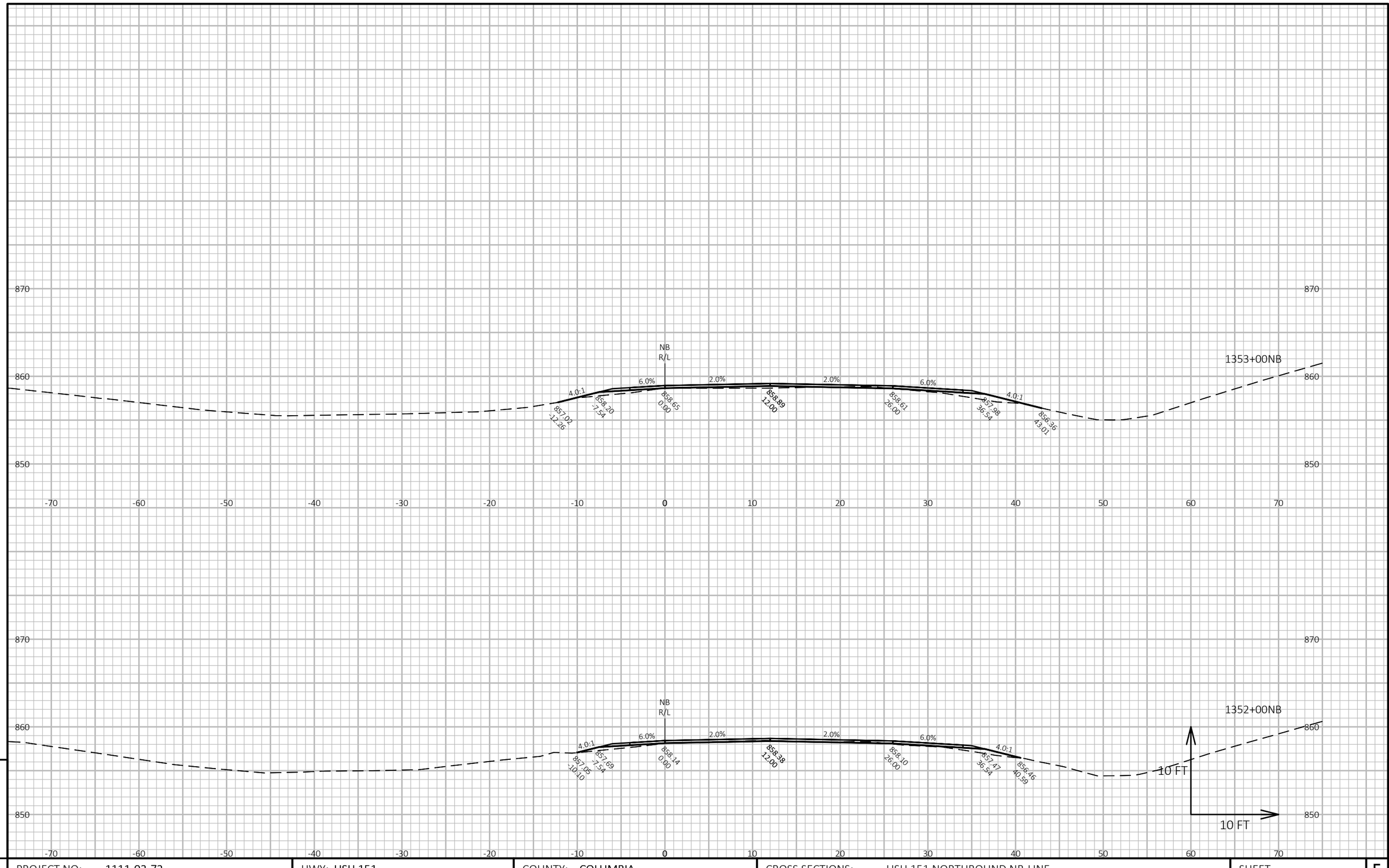


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 536 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090311_xs-NB

PLOT DATE : 2/14/2018 4:01 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

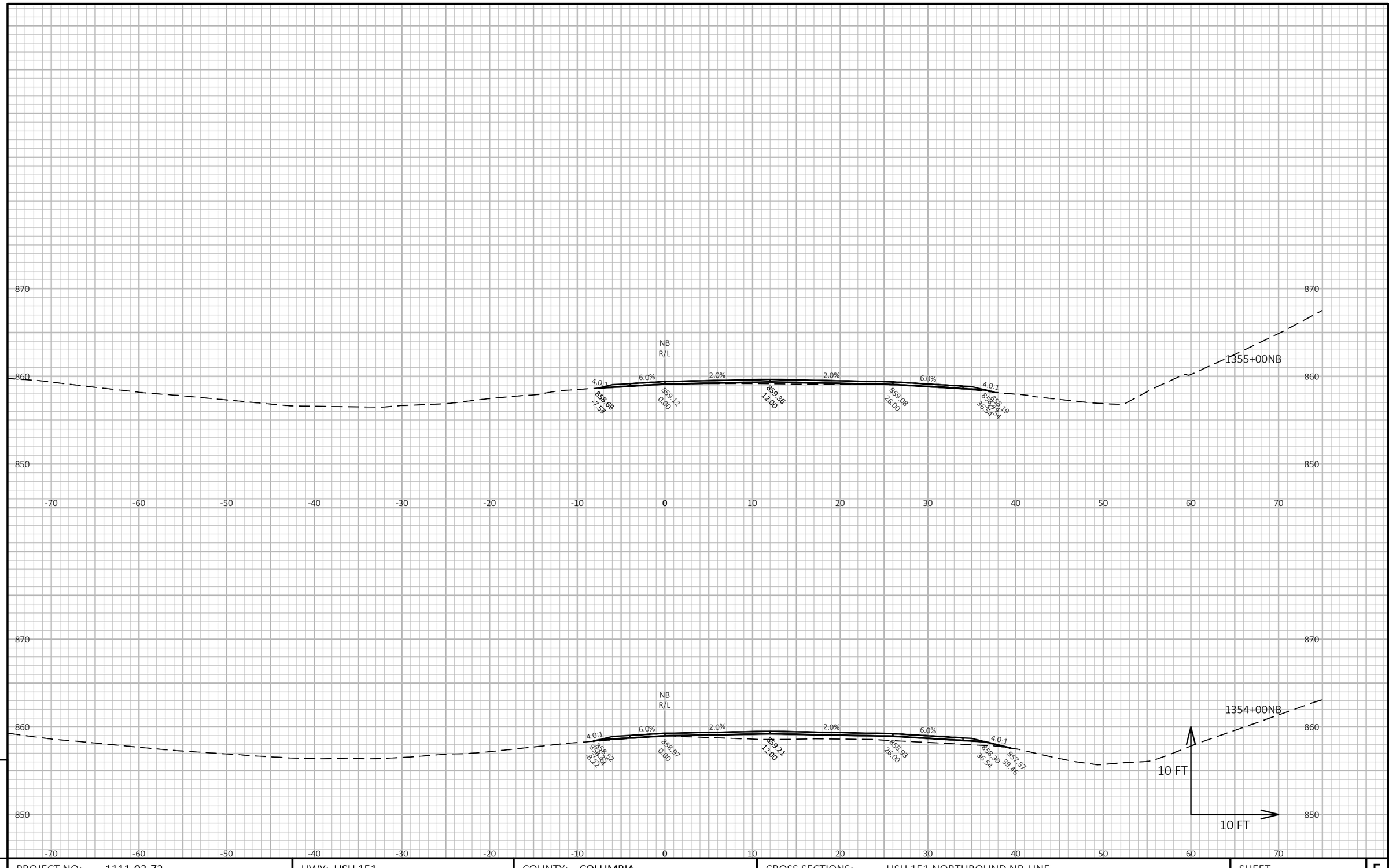


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 537 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090312_xs-NB

PLOT DATE : 2/14/2018 4:02 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 538	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090313_xs-NB

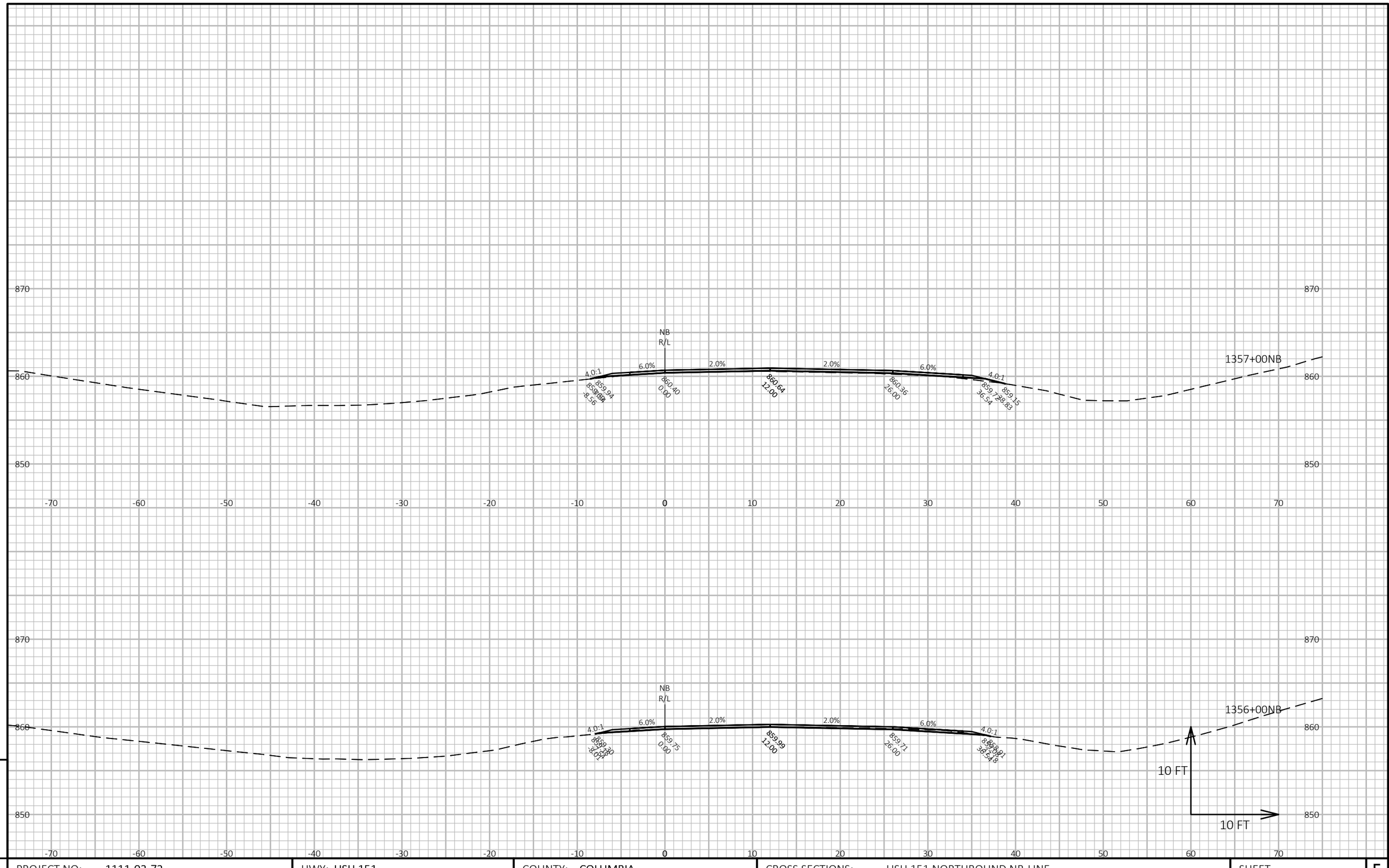
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PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 539	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
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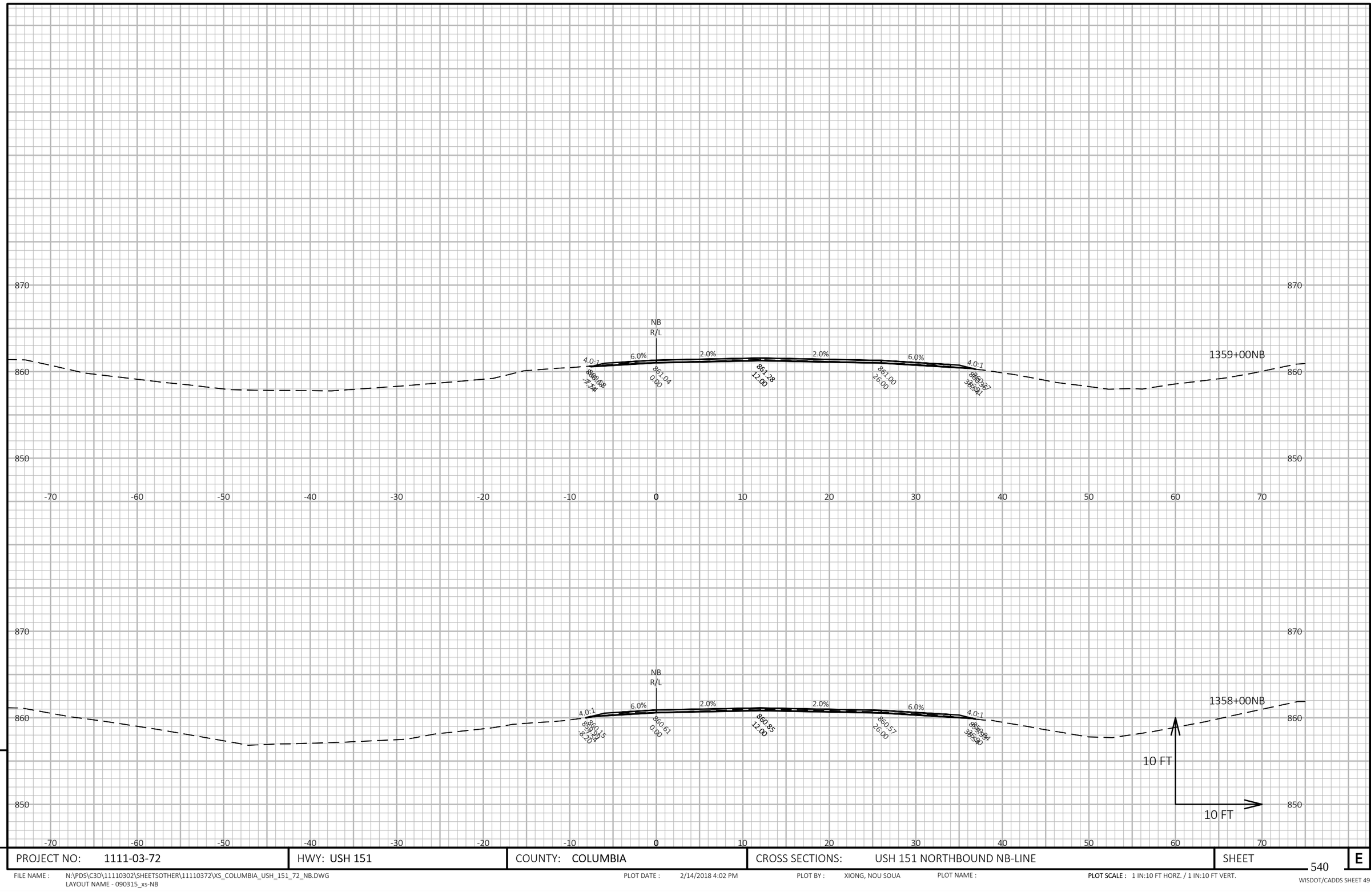
PLOT DATE : 2/14/2018 4:02 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 540	E

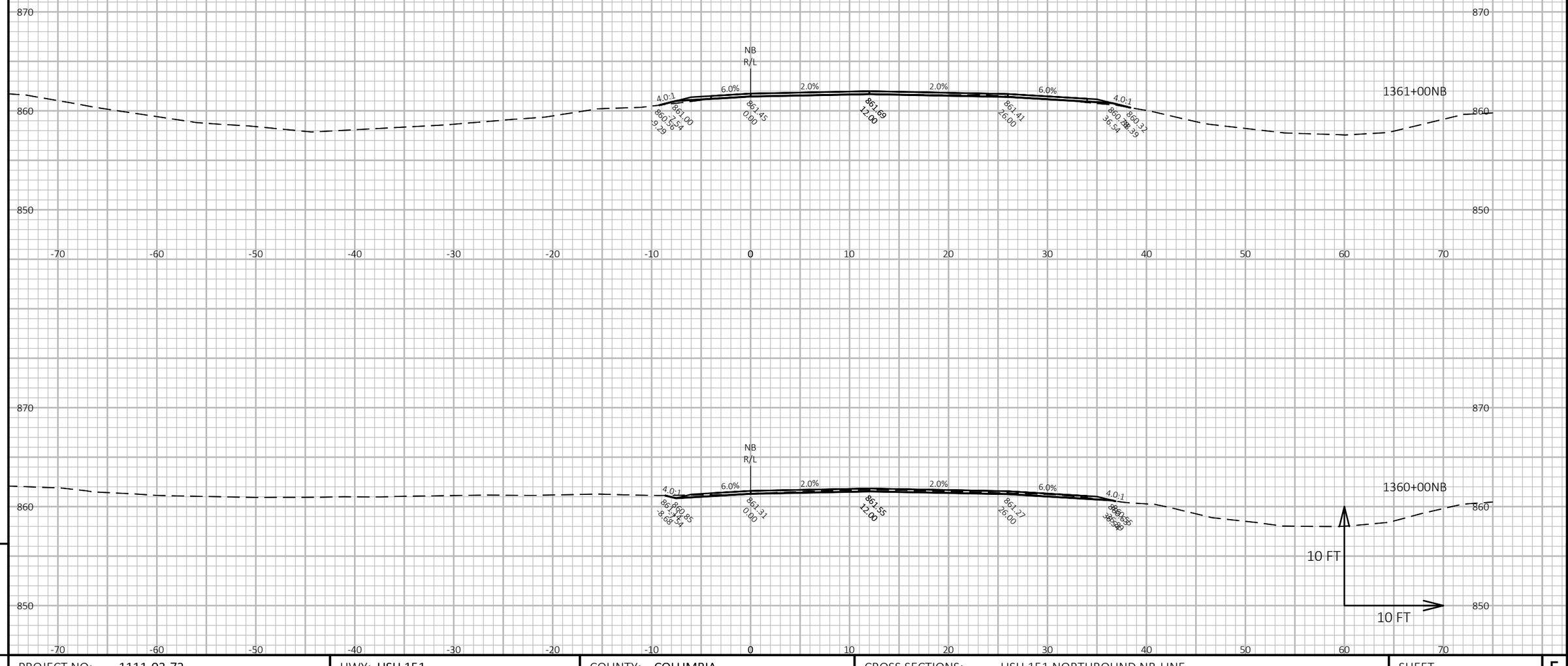
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LAYOUT NAME - 090315_xs-NB

PLOT DATE : 2/14/2018 4:02 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 541	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090316_xs-NB

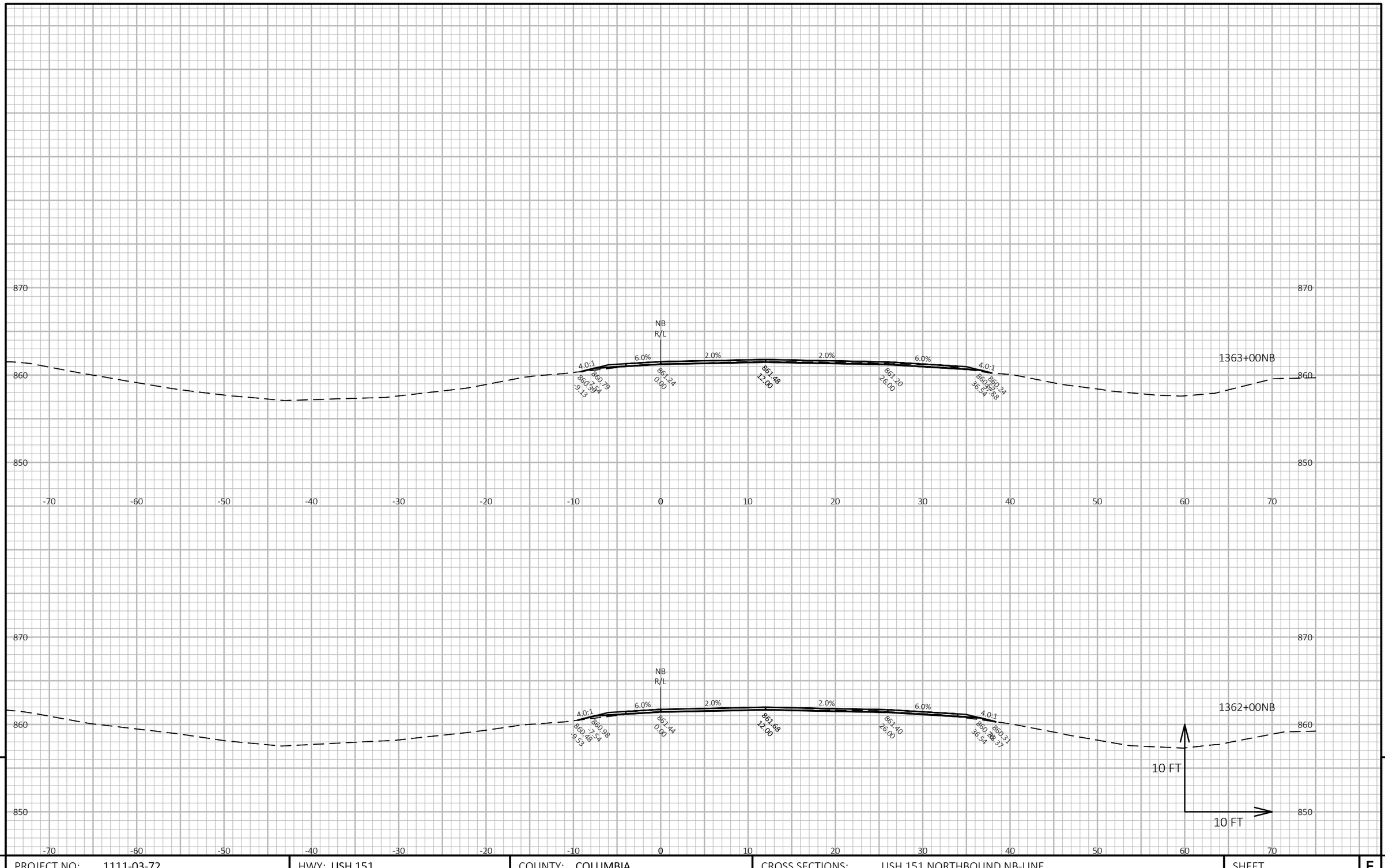
PLOT DATE : 2/14/2018 4:02 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 542	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090317_xs-NB

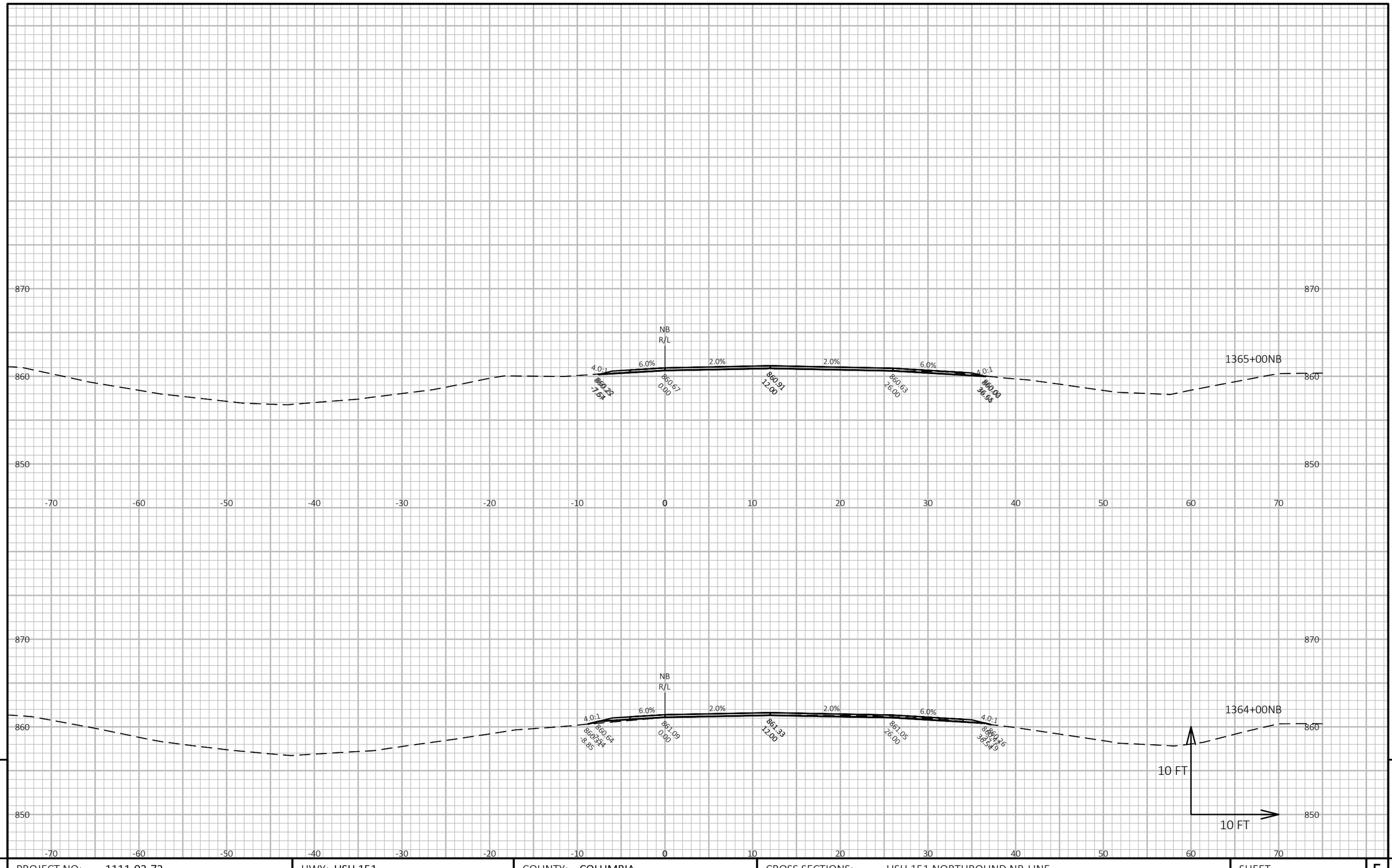
PLOT DATE : 2/14/2018 4:03 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 543	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090318_xs-NB

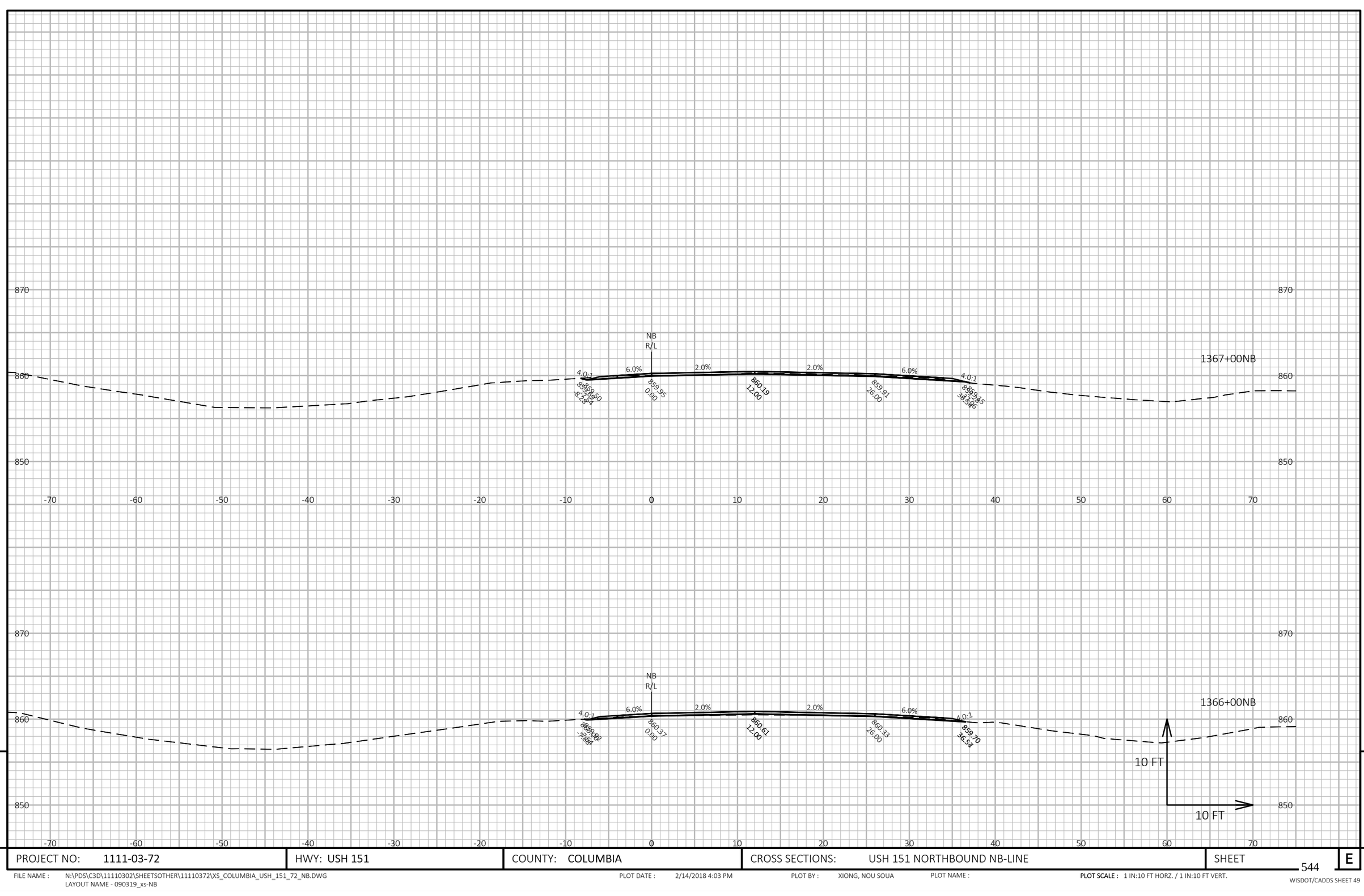
PLOT DATE : 2/14/2018 4:03 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 544	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090319_xs-NB

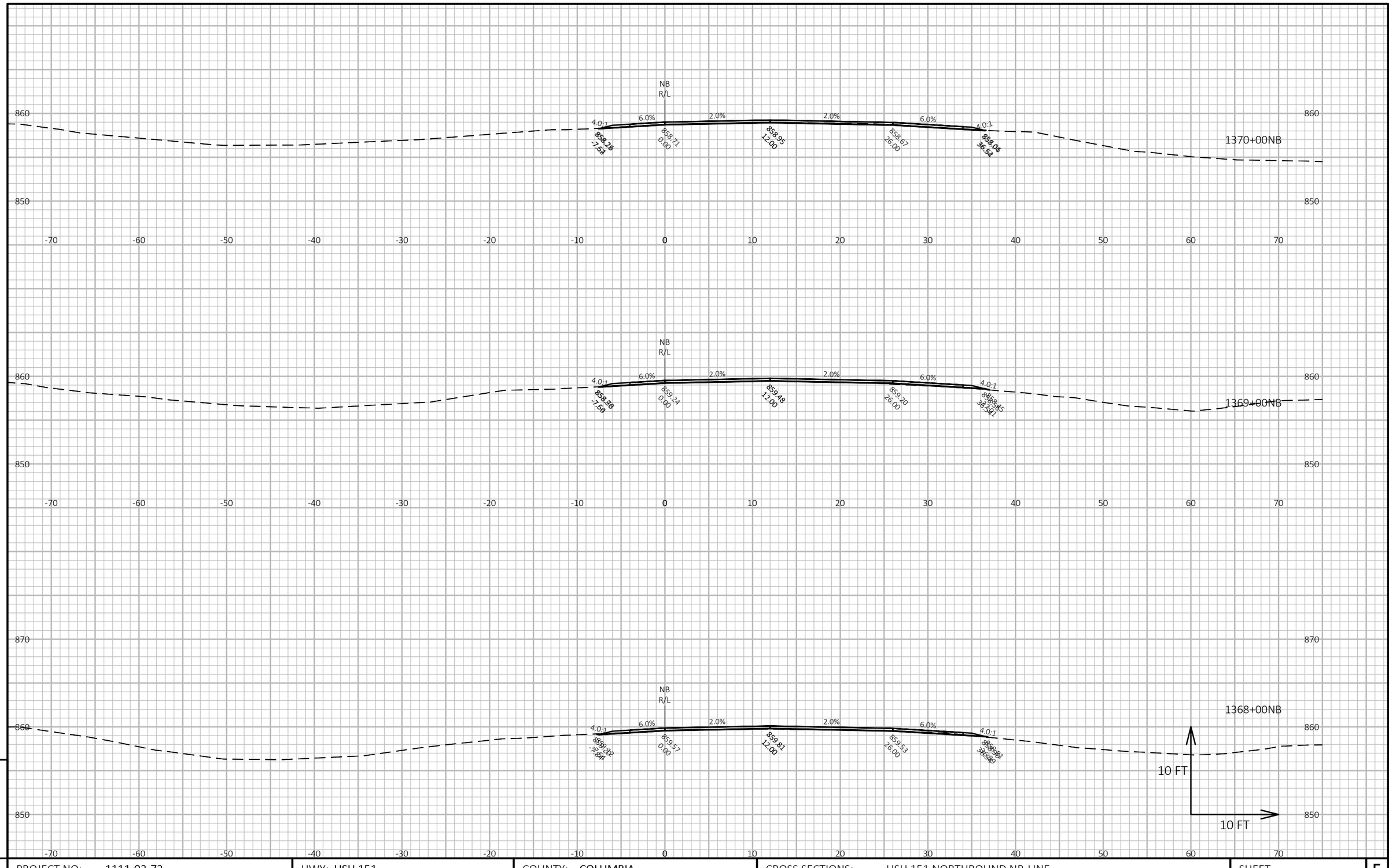
PLOT DATE : 2/14/2018 4:03 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 545	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090320_xs-NB

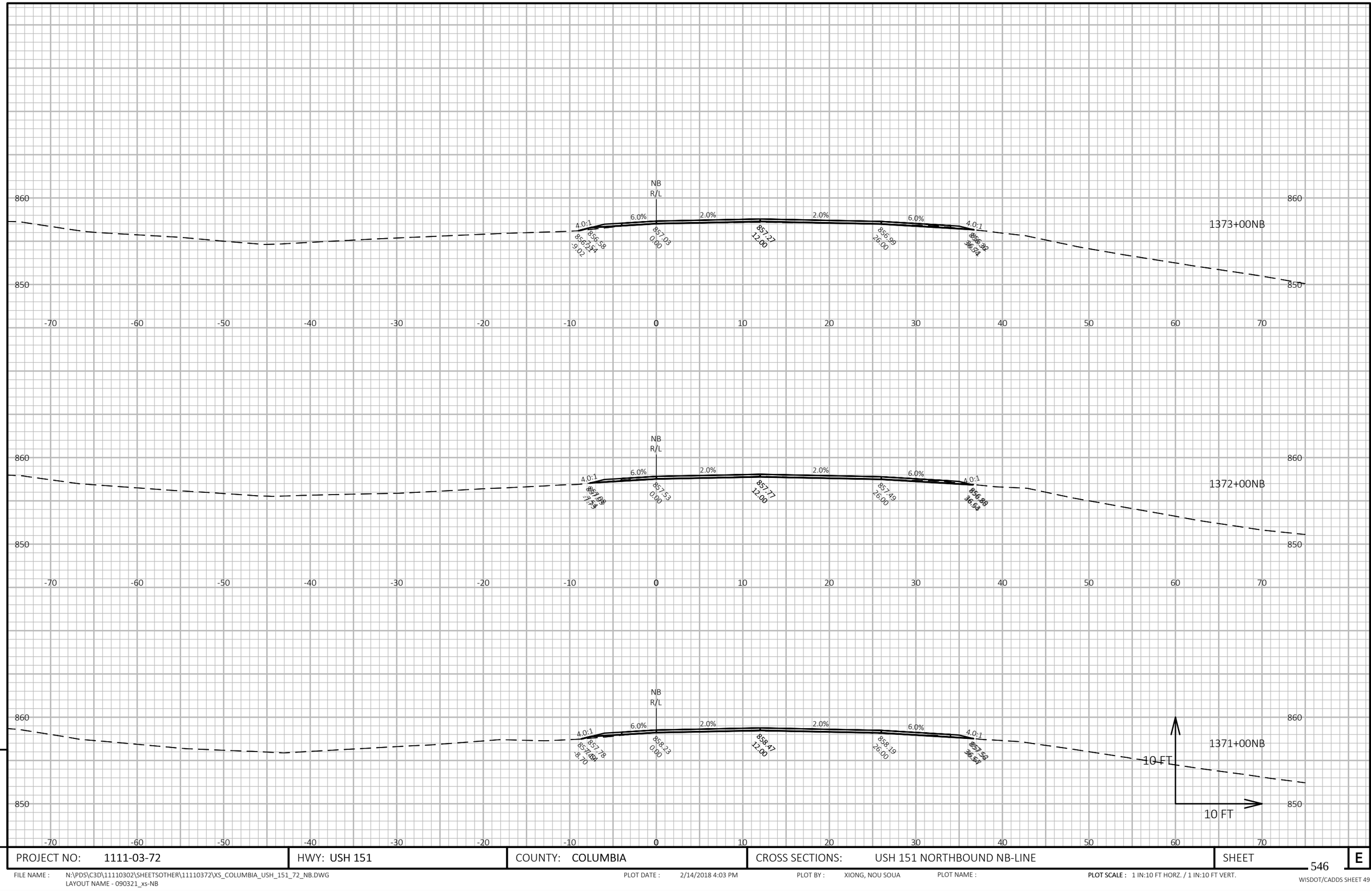
PLOT DATE : 2/14/2018 4:03 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 546 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090321_xs-NB

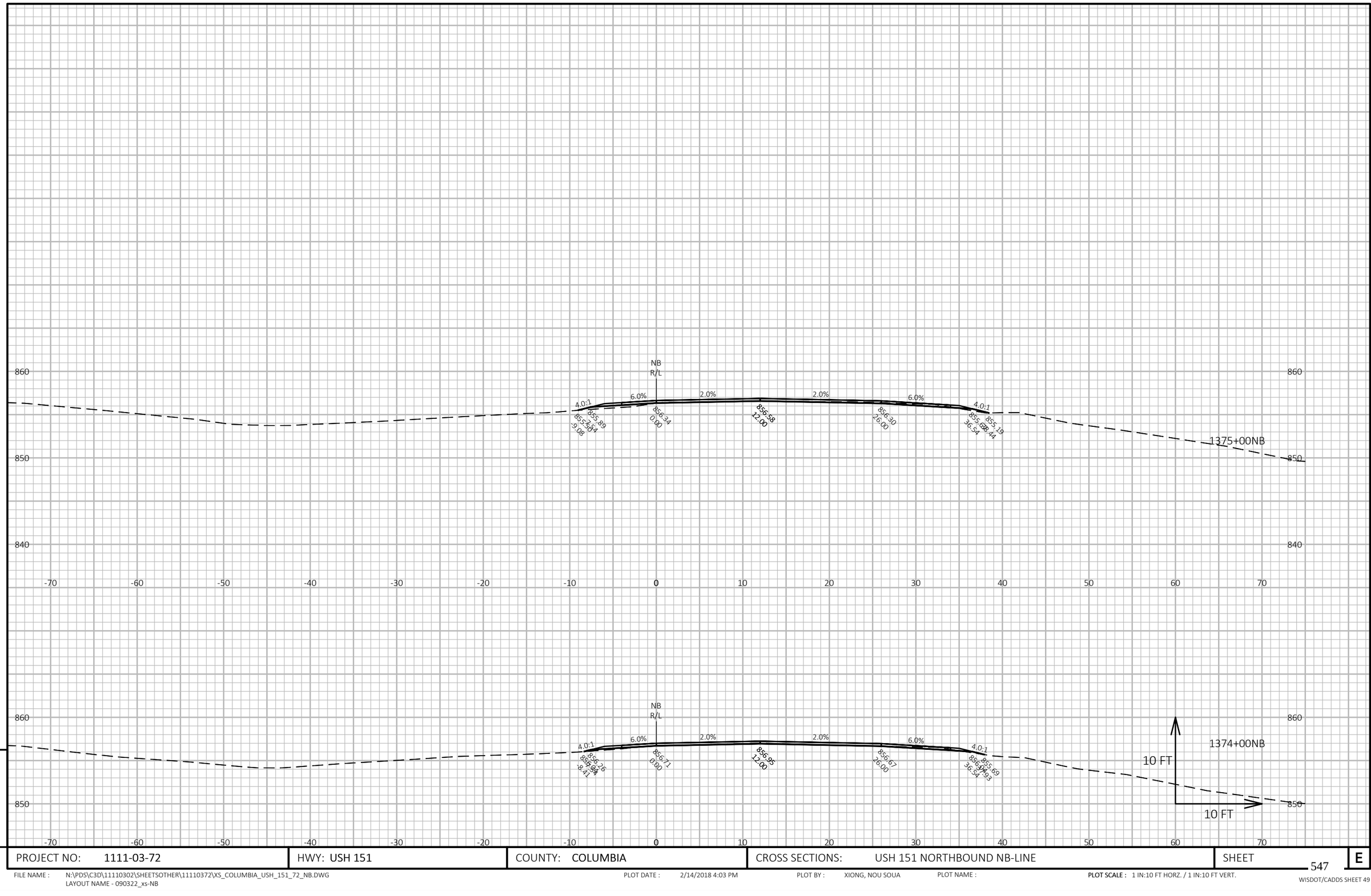
PLOT DATE : 2/14/2018 4:03 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



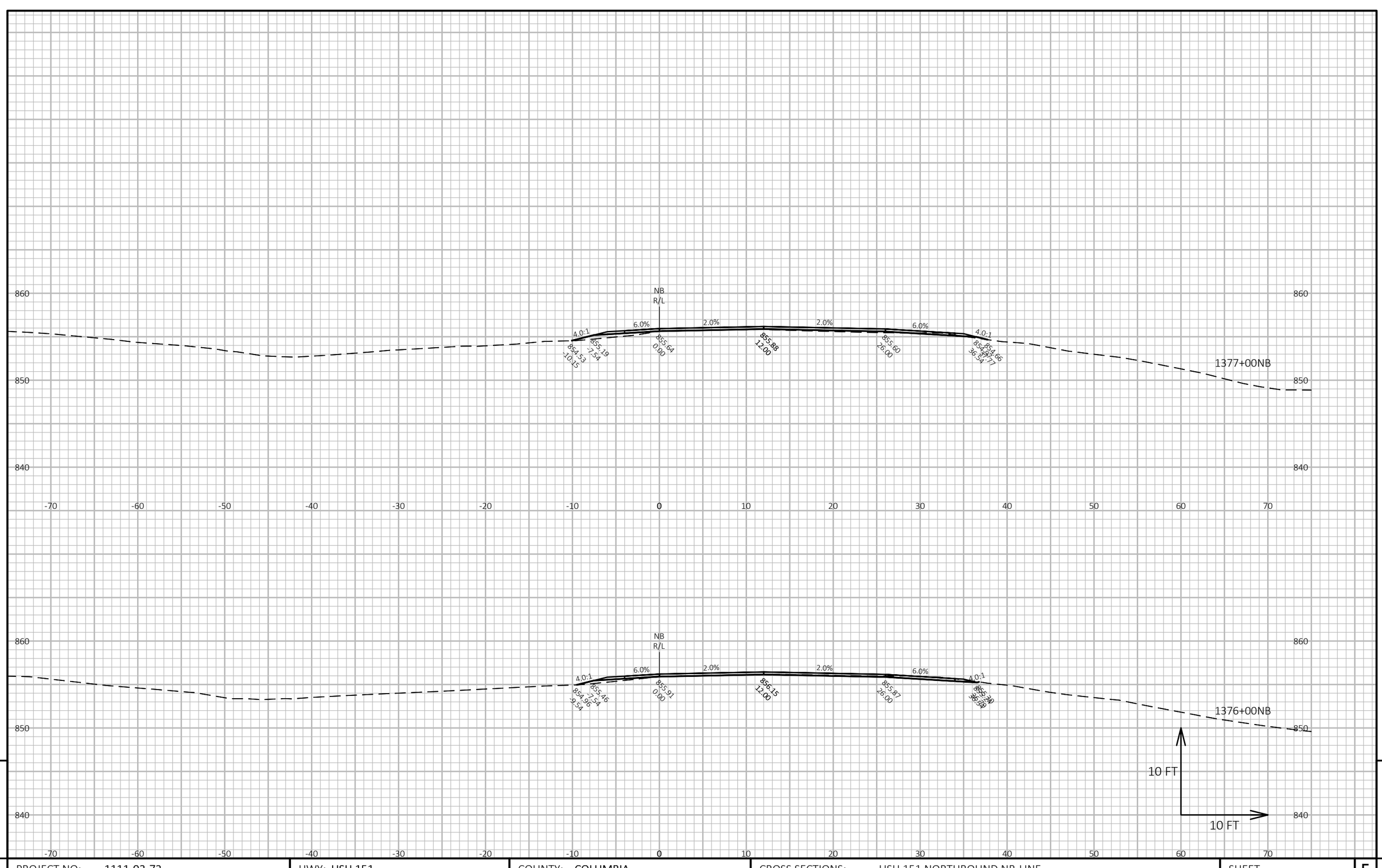
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9

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 547	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090322_xs-NB

PLOT DATE : 2/14/2018 4:03 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 548	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090323_xs-NB

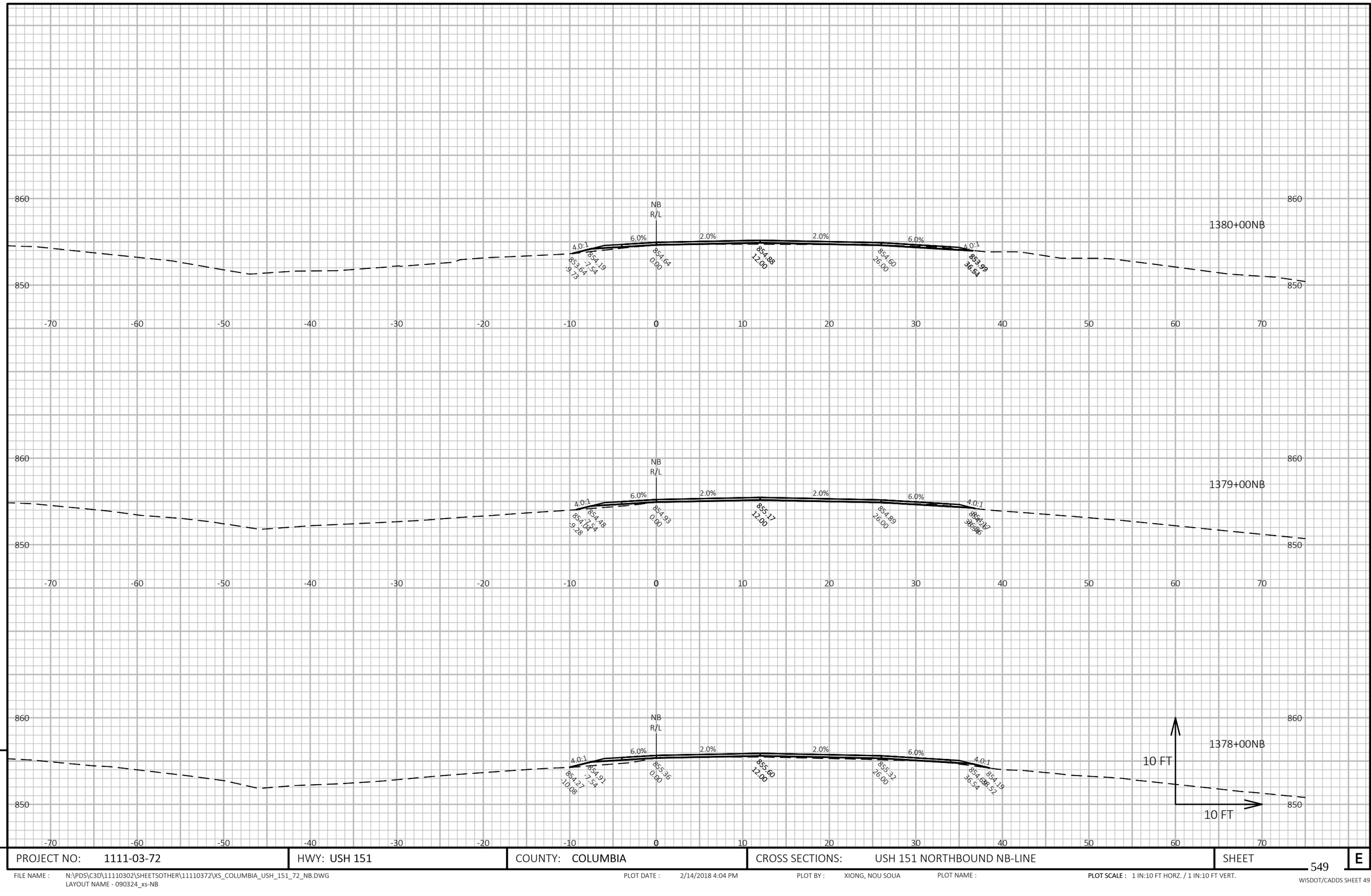
PLOT DATE : 2/14/2018 4:04 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

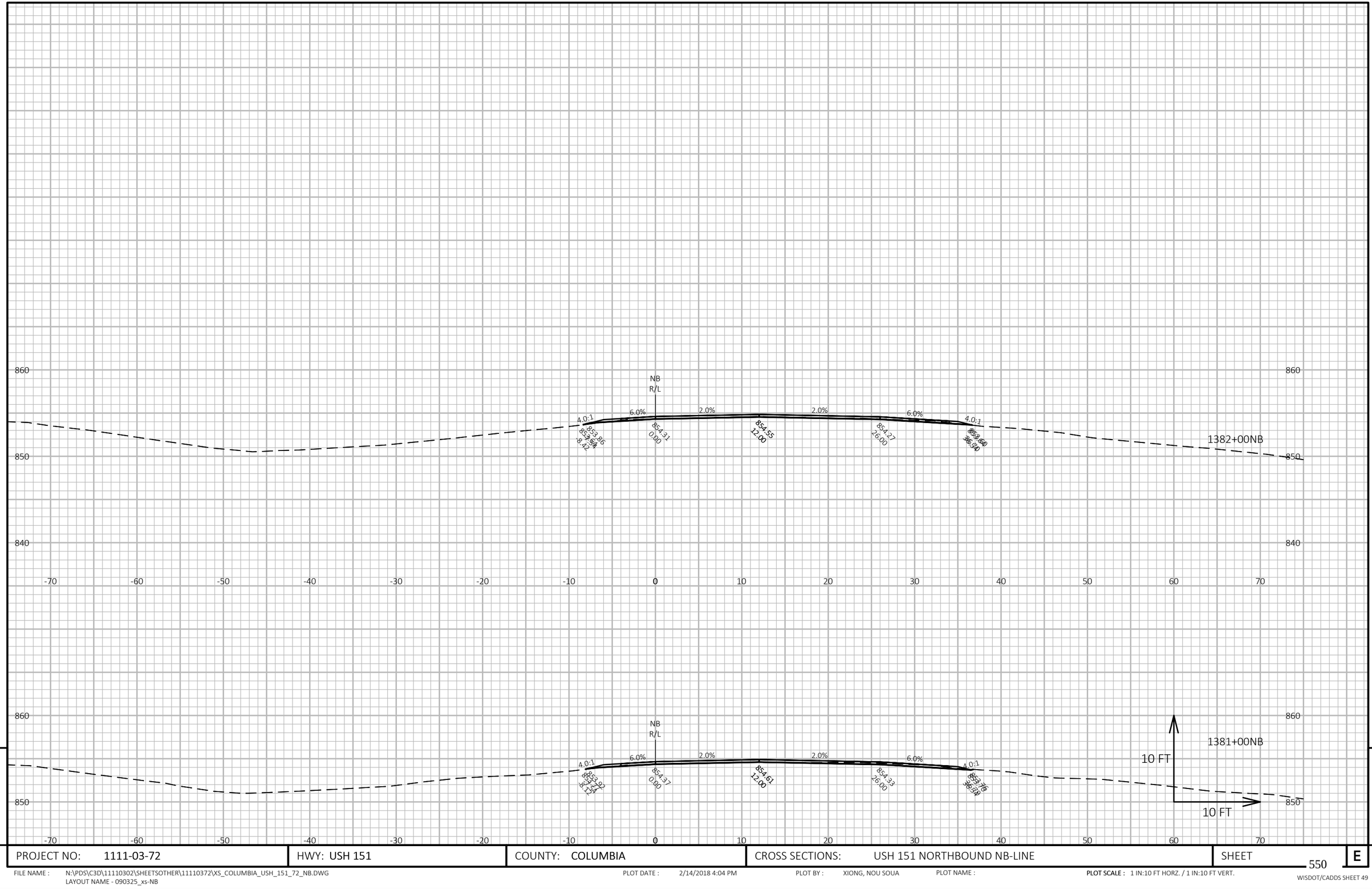
WISDOT/CADDS SHEET 49



PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 549 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090324_xs-NB

PLOT DATE : 2/14/2018 4:04 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



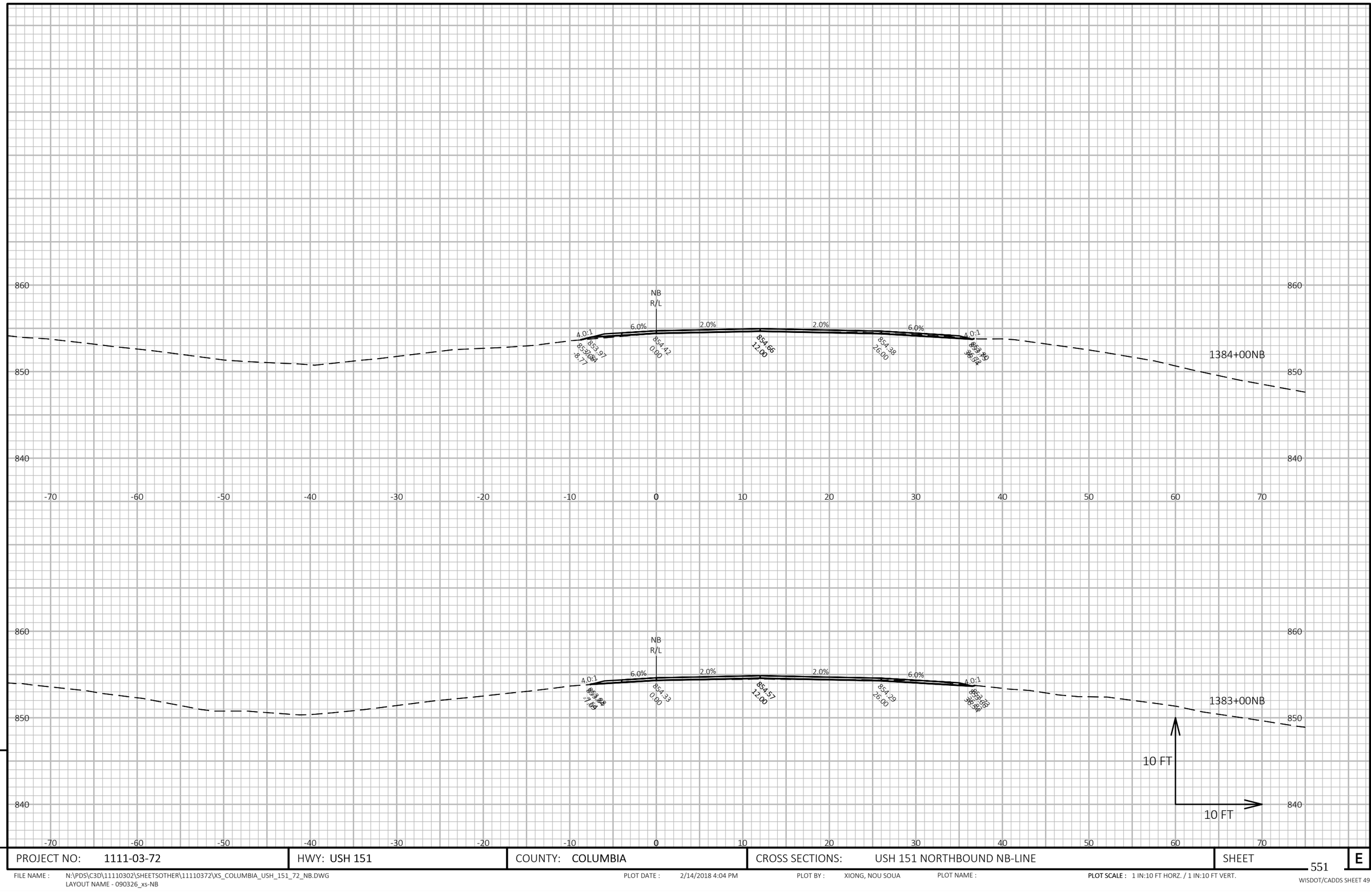
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 550	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090325_xs-NB

PLOT DATE : 2/14/2018 4:04 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 551	E

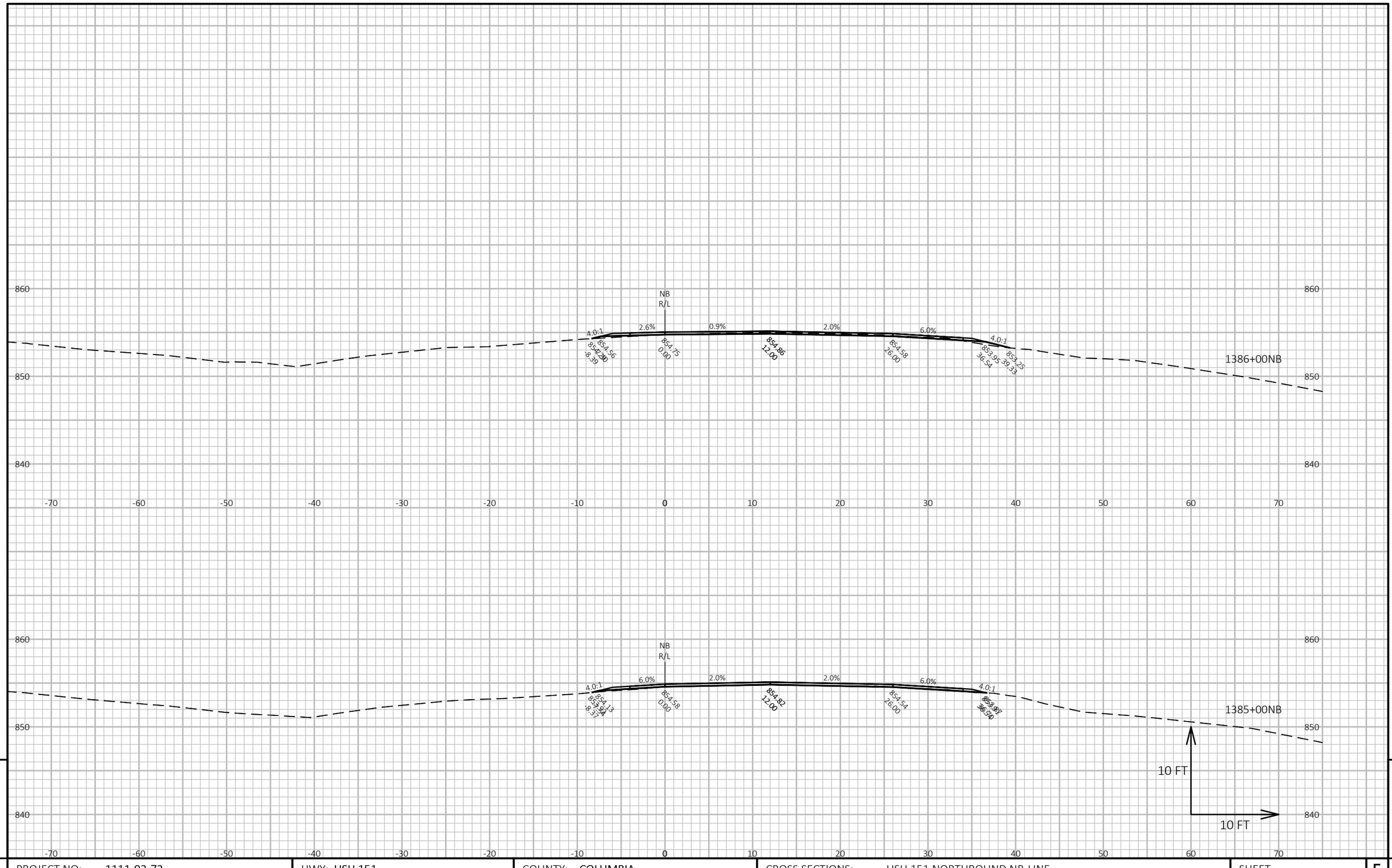
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LAYOUT NAME - 090326_xs-NB

PLOT DATE : 2/14/2018 4:04 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

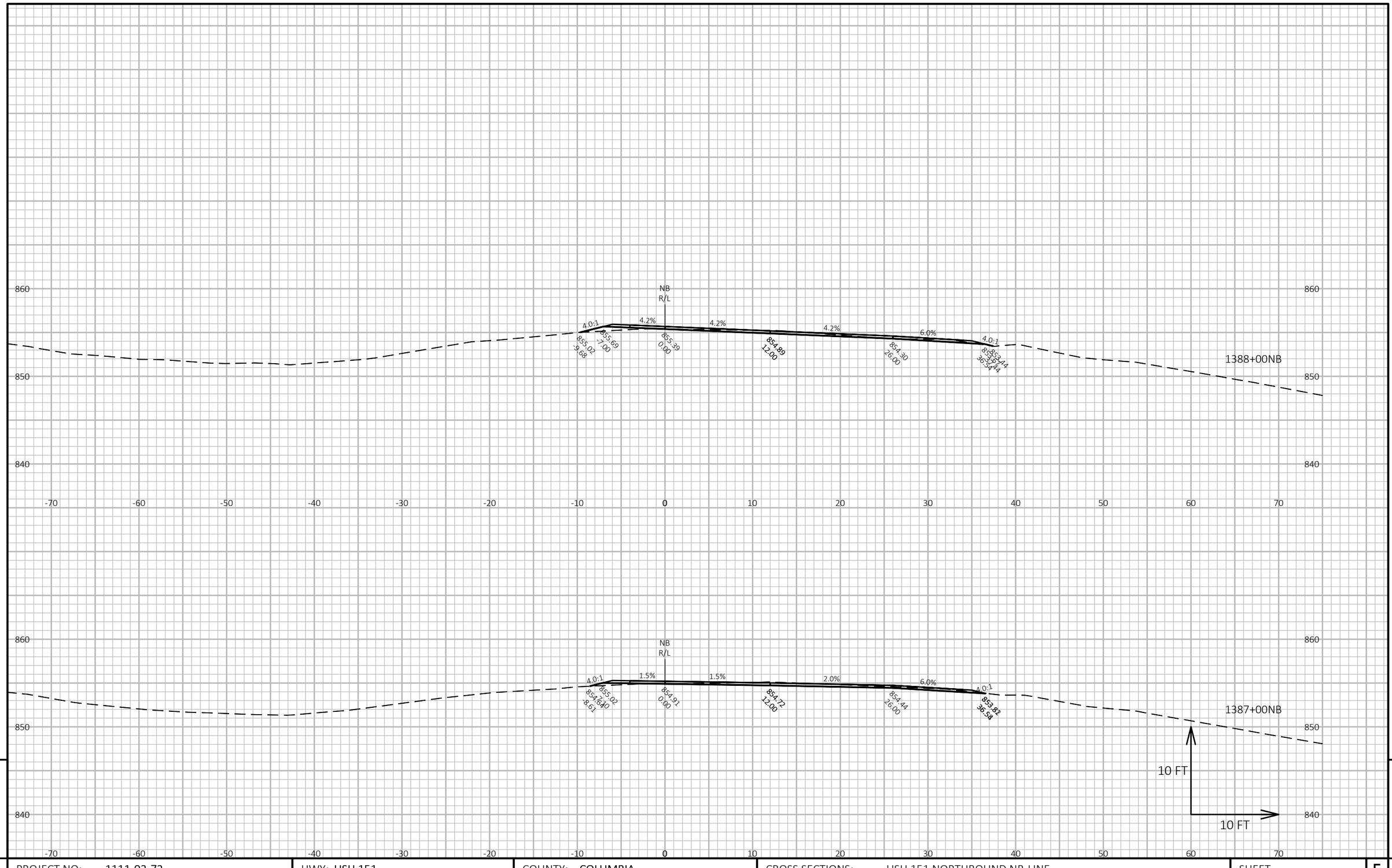


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 552 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090327_xs-NB

PLOT DATE : 2/14/2018 4:04 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

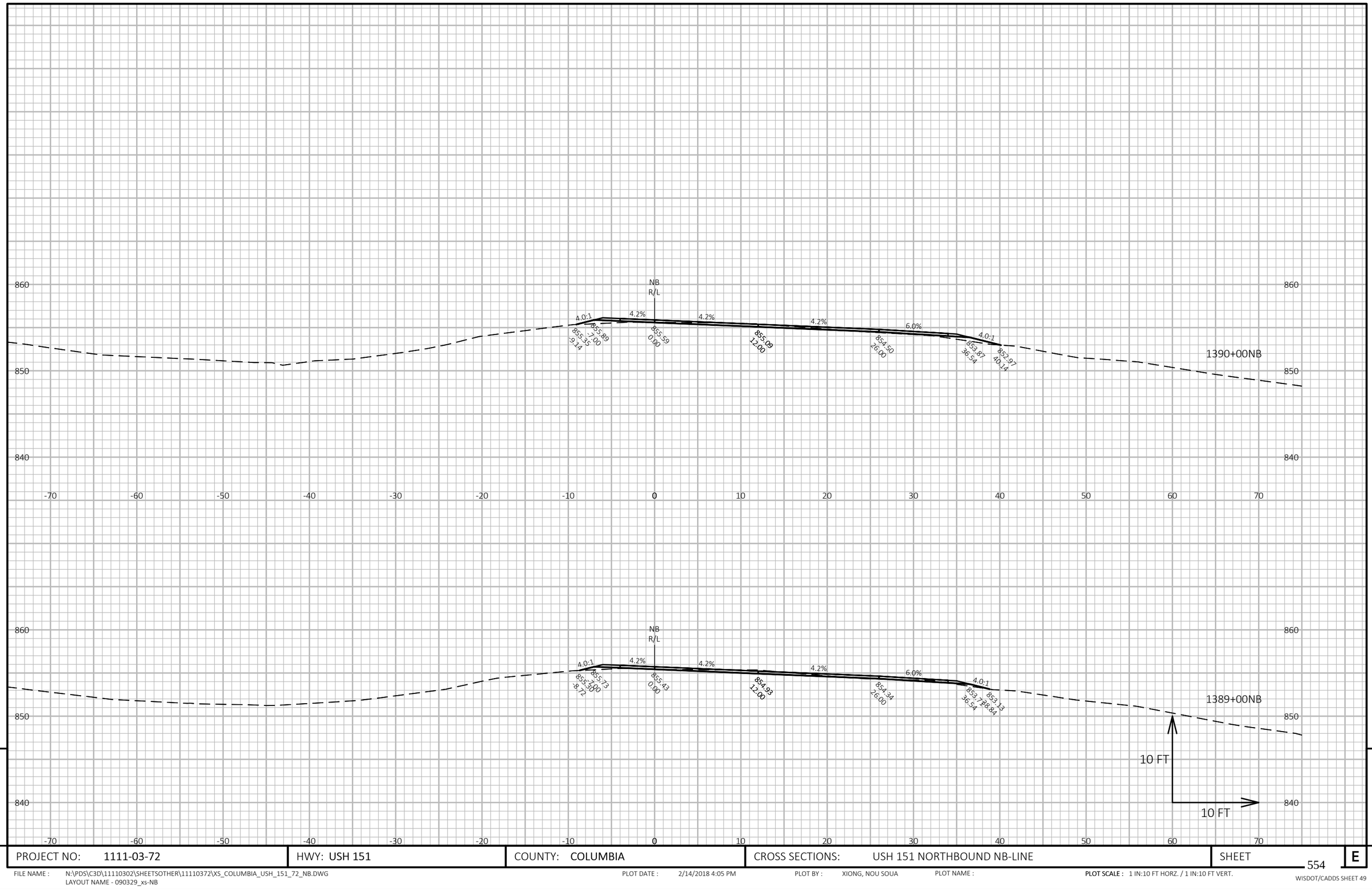


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 553 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090328_xs-NB

PLOT DATE : 2/14/2018 4:05 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

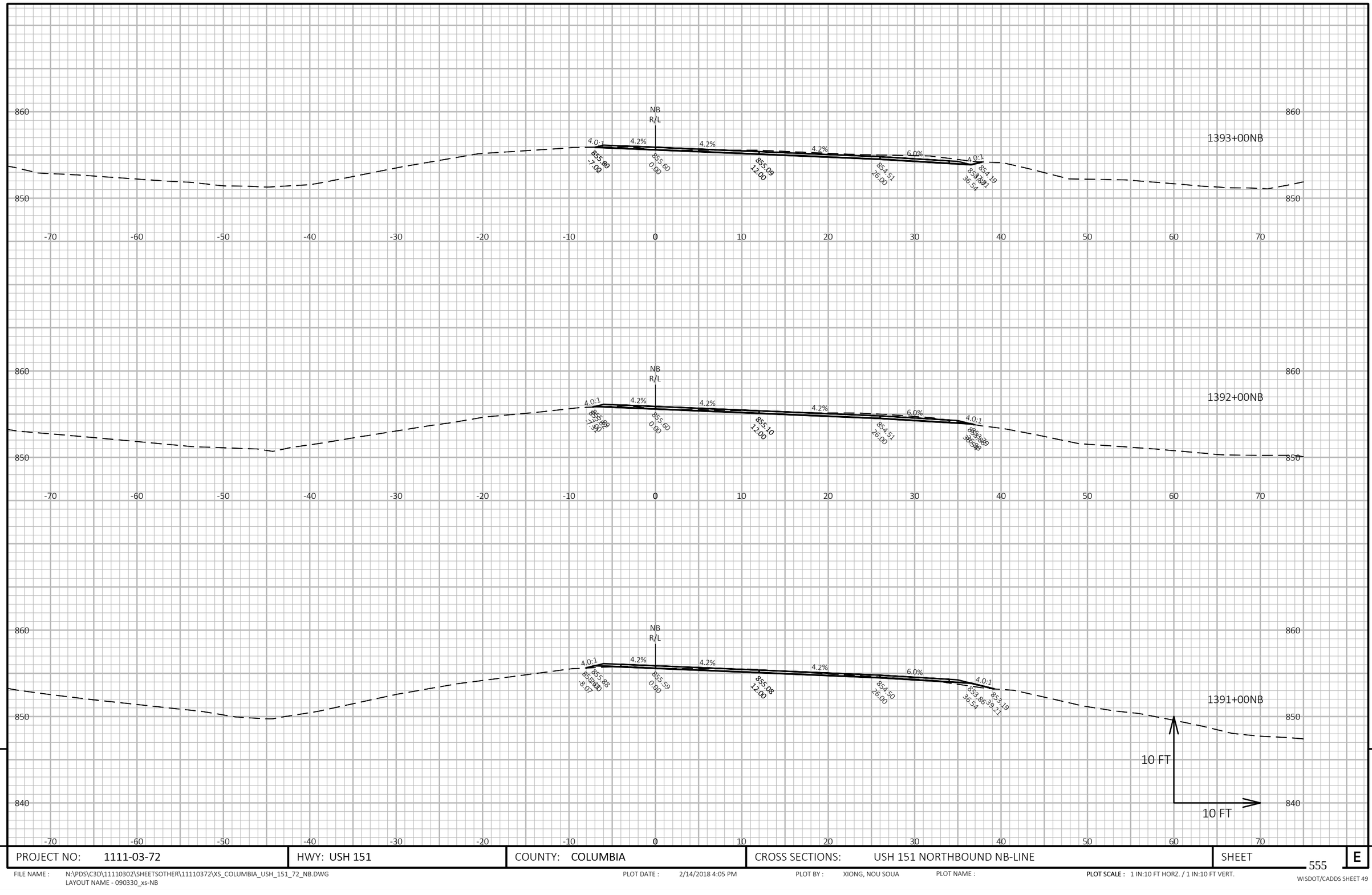


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 554 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090329_xs-NB

PLOT DATE : 2/14/2018 4:05 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



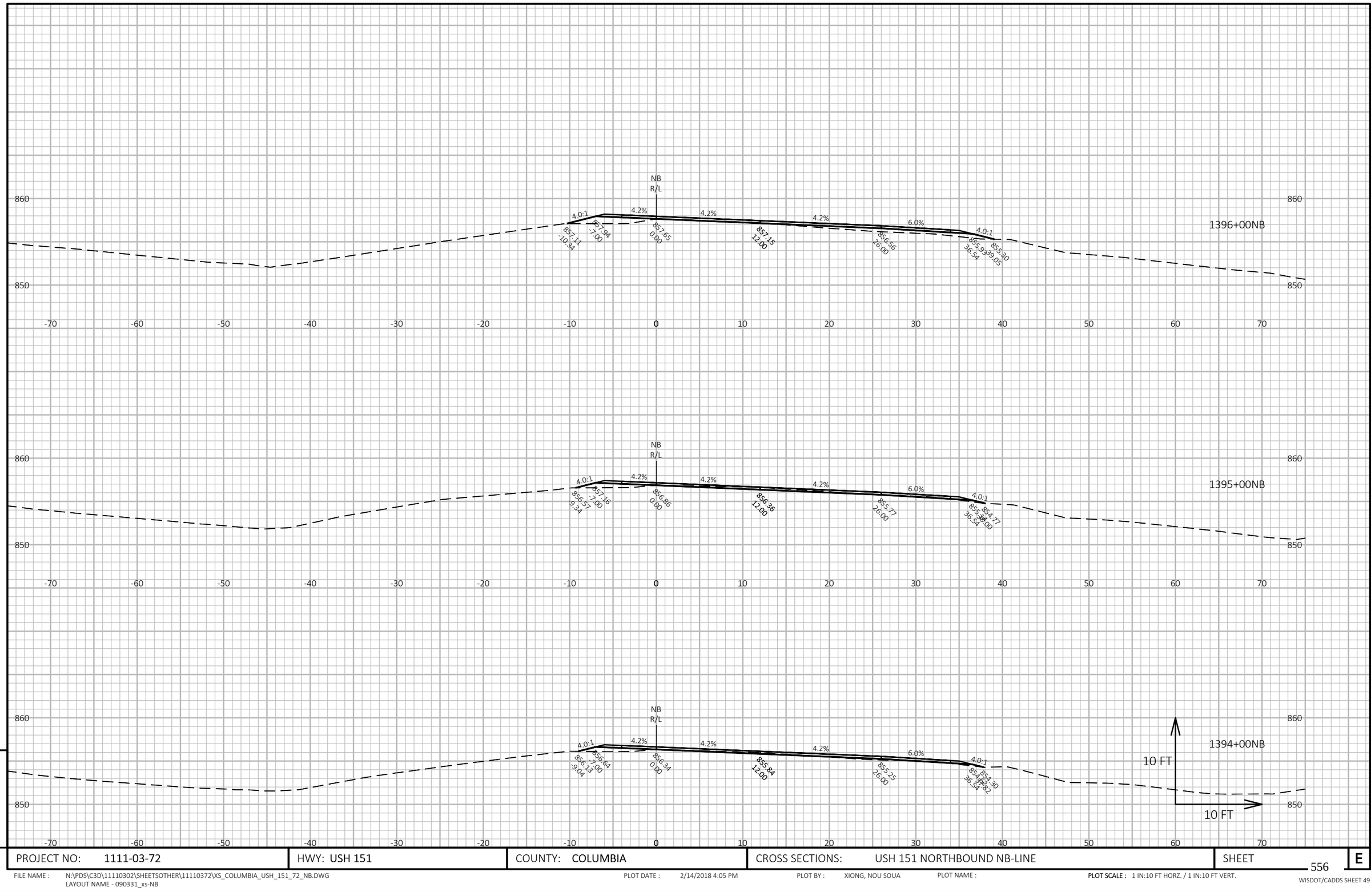
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 555	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090330_xs-NB

PLOT DATE : 2/14/2018 4:05 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 556	E

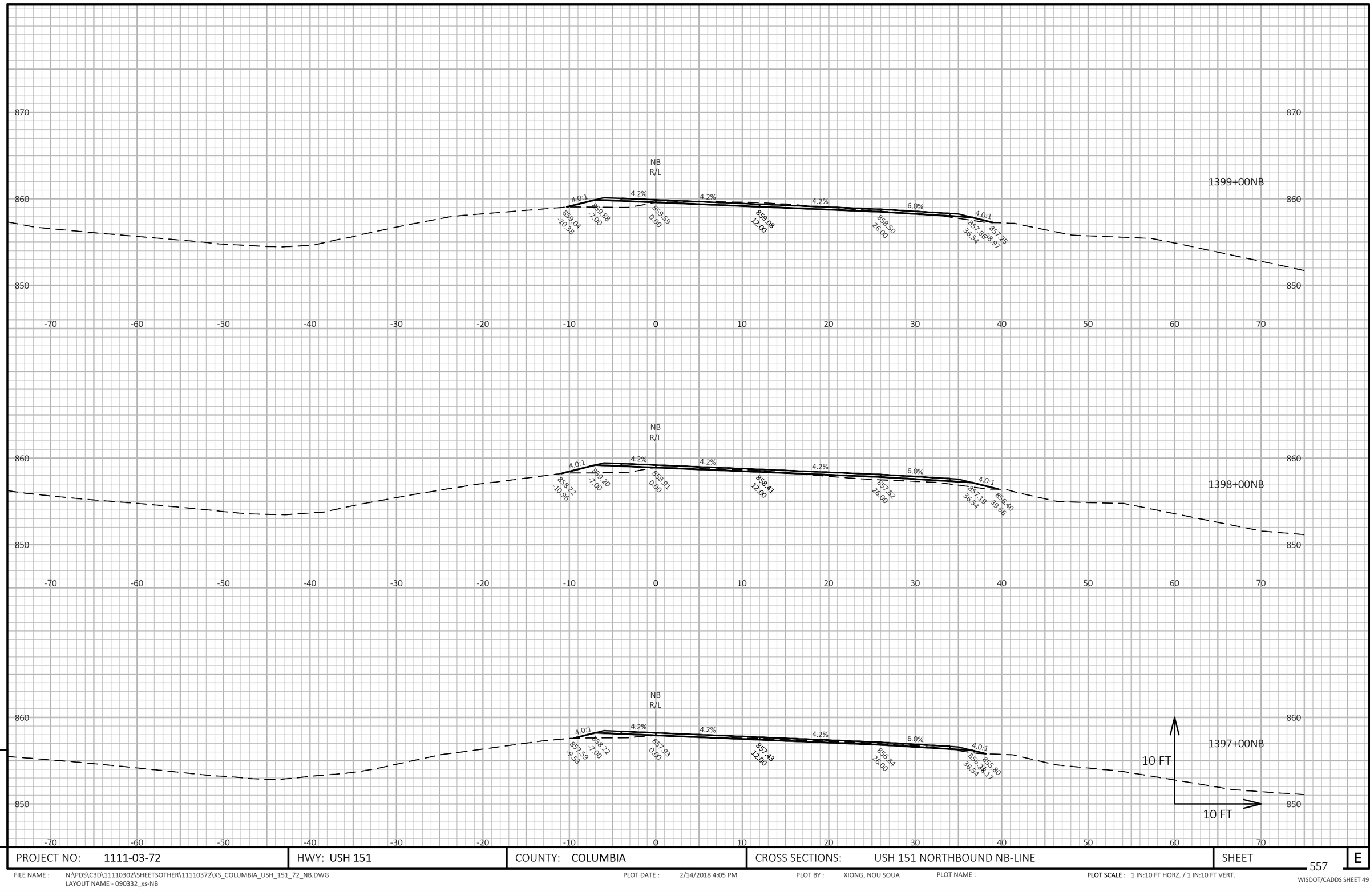
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LAYOUT NAME - 090331_xs-NB

PLOT DATE : 2/14/2018 4:05 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 557	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090332_xs-NB

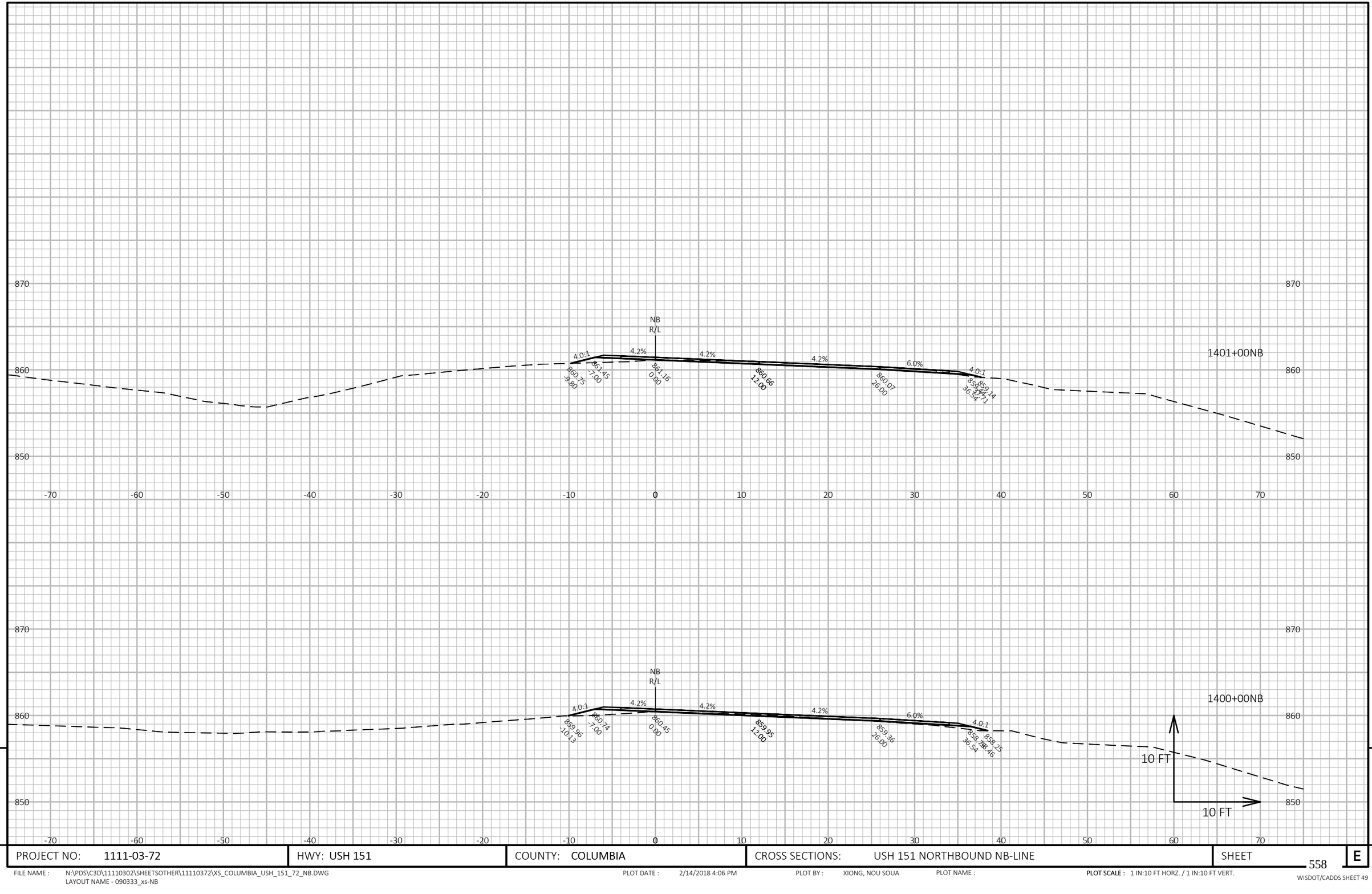
PLOT DATE : 2/14/2018 4:05 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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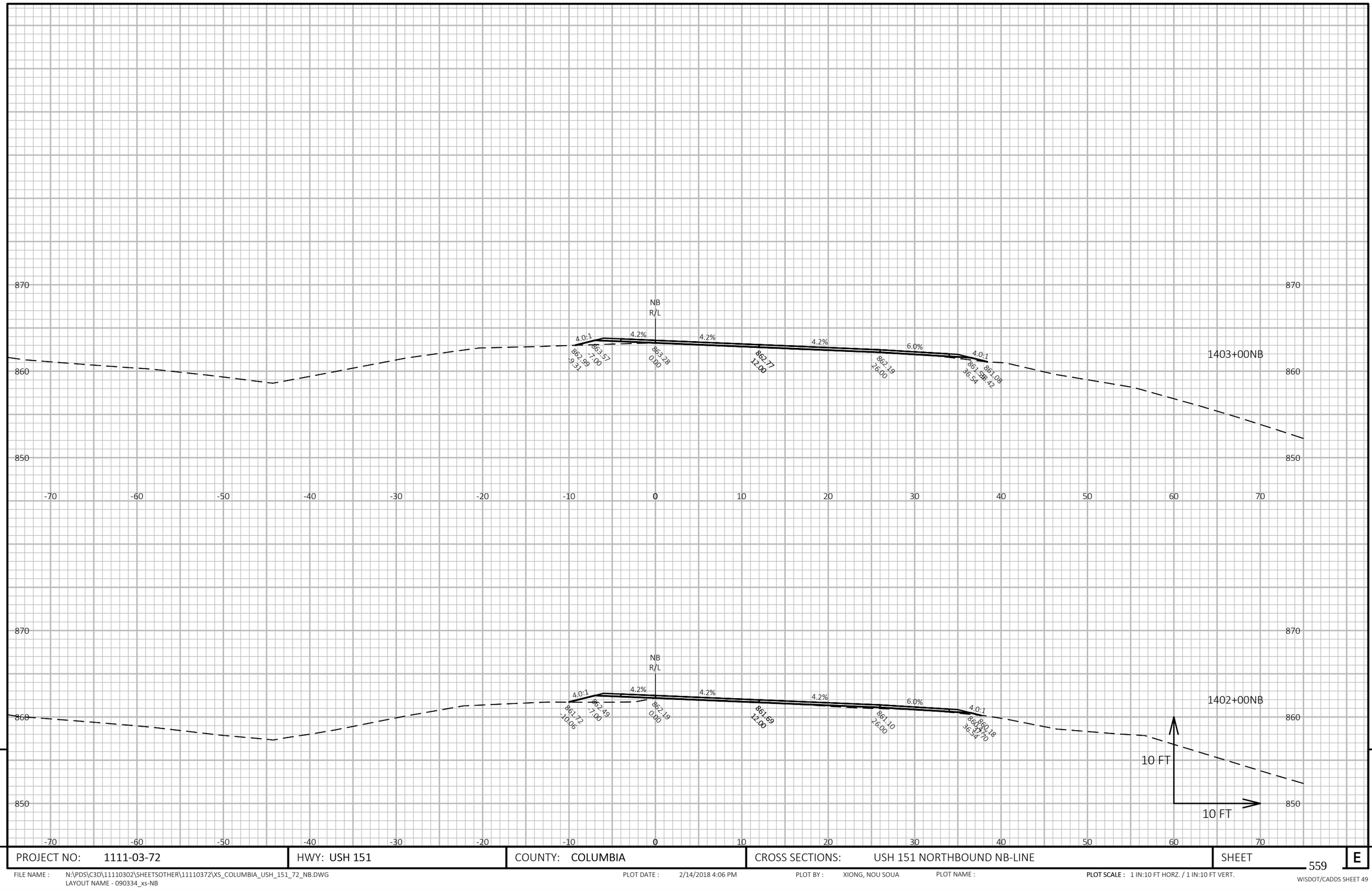
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 558	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090333_xs-NB

PLOT DATE : 2/14/2018 4:06 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 559 E

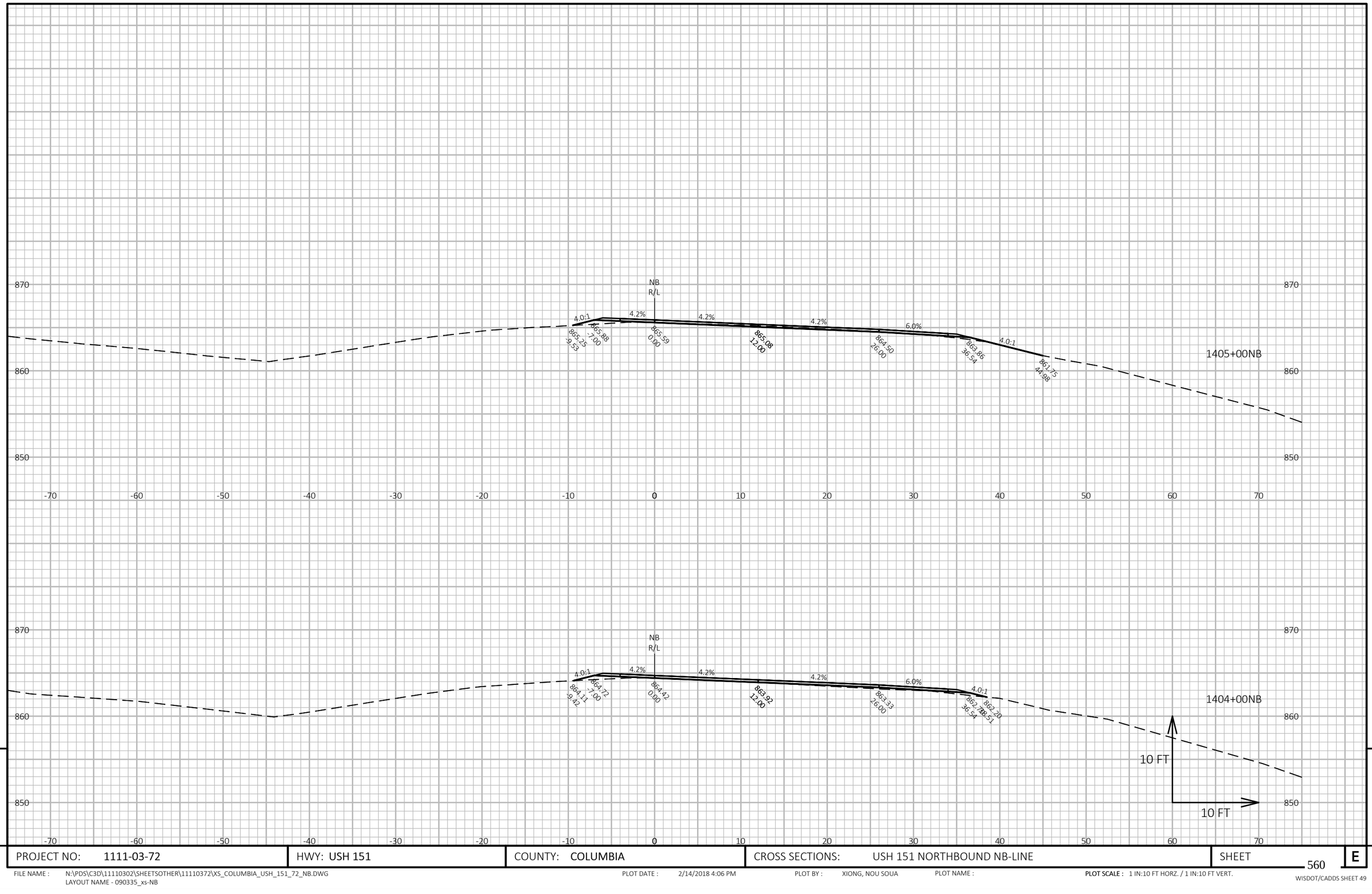
FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090334_xs-NB

PLOT DATE : 2/14/2018 4:06 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 560	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090335_xs-NB

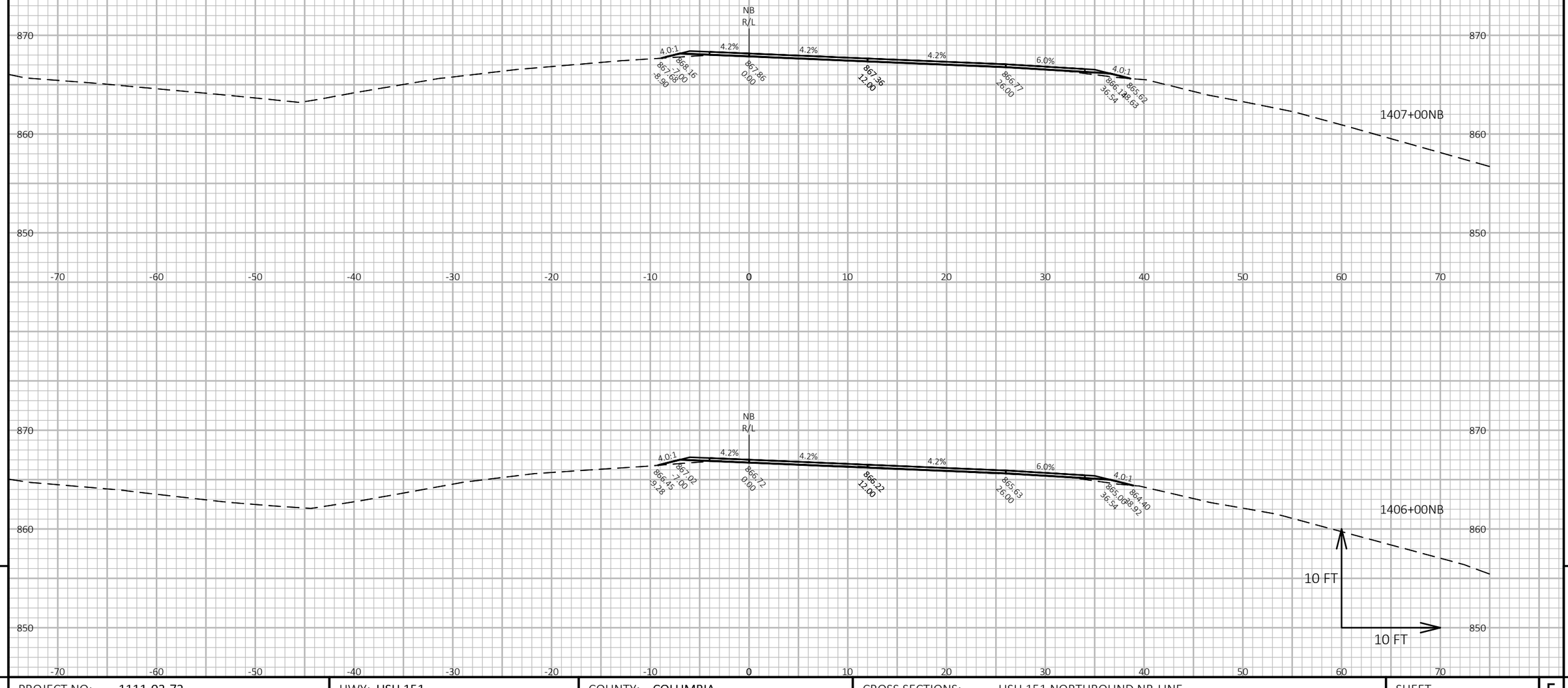
PLOT DATE : 2/14/2018 4:06 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 561	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090336_xs-NB

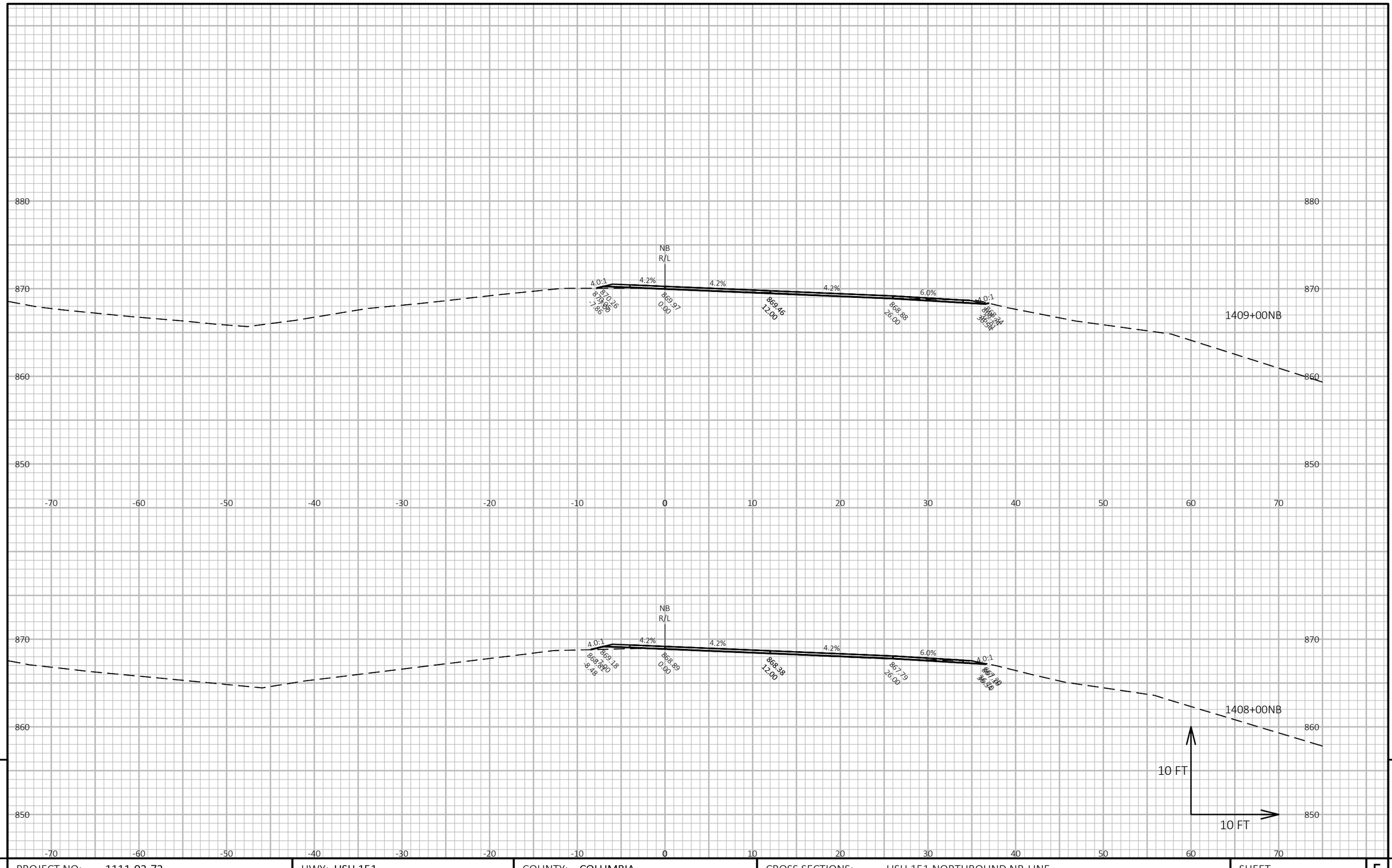
PLOT DATE : 2/14/2018 4:06 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 562	E

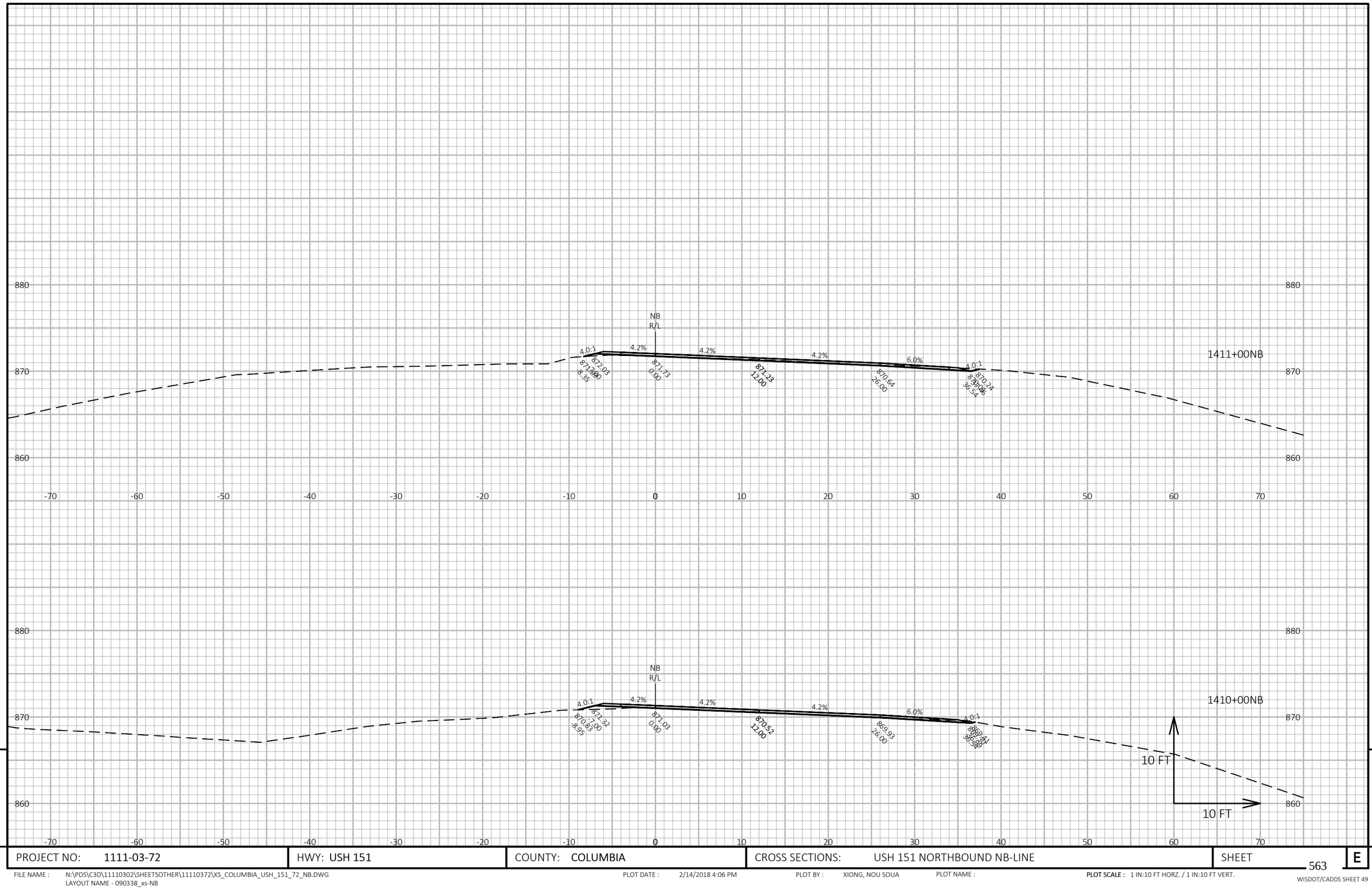
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LAYOUT NAME - 090337_xs-NB

PLOT DATE : 2/14/2018 4:06 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 563	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090338_xs-NB

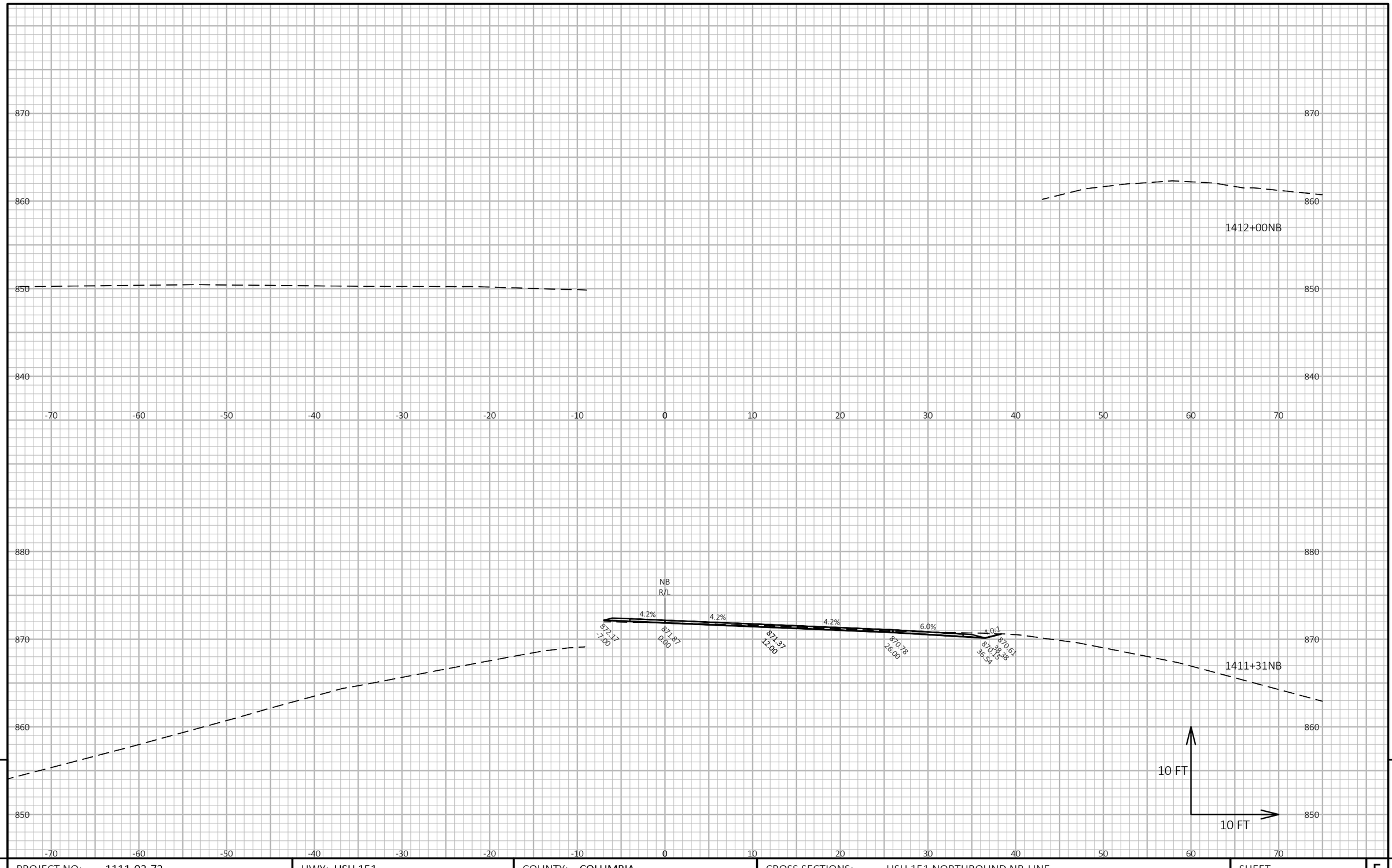
PLOT DATE : 2/14/2018 4:06 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 564	E

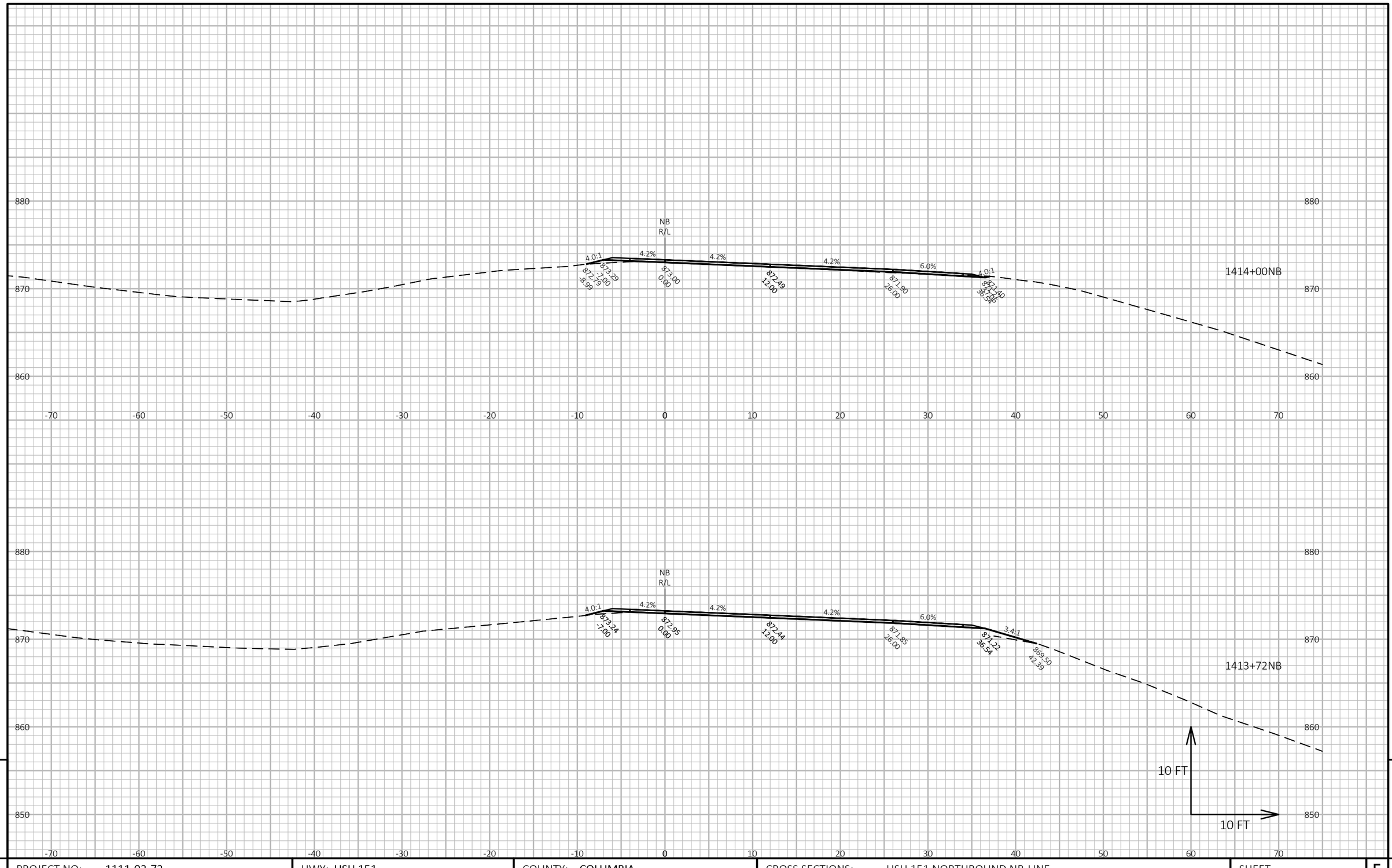
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LAYOUT NAME - 090339_xs-NB

PLOT DATE : 2/14/2018 4:07 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 565	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090341_xs-NB

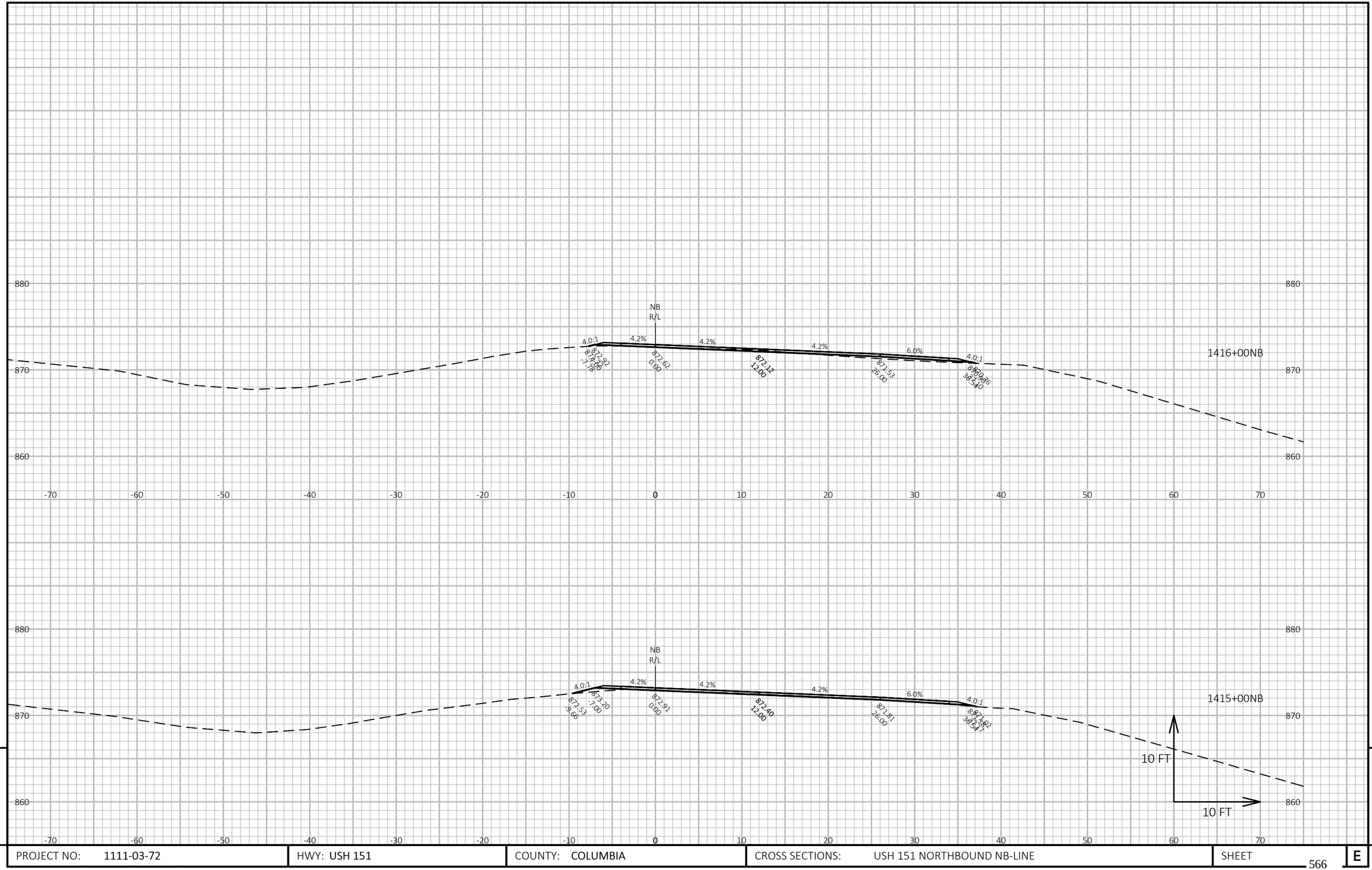
PLOT DATE : 2/14/2018 4:07 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 566	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090342_xs-NB

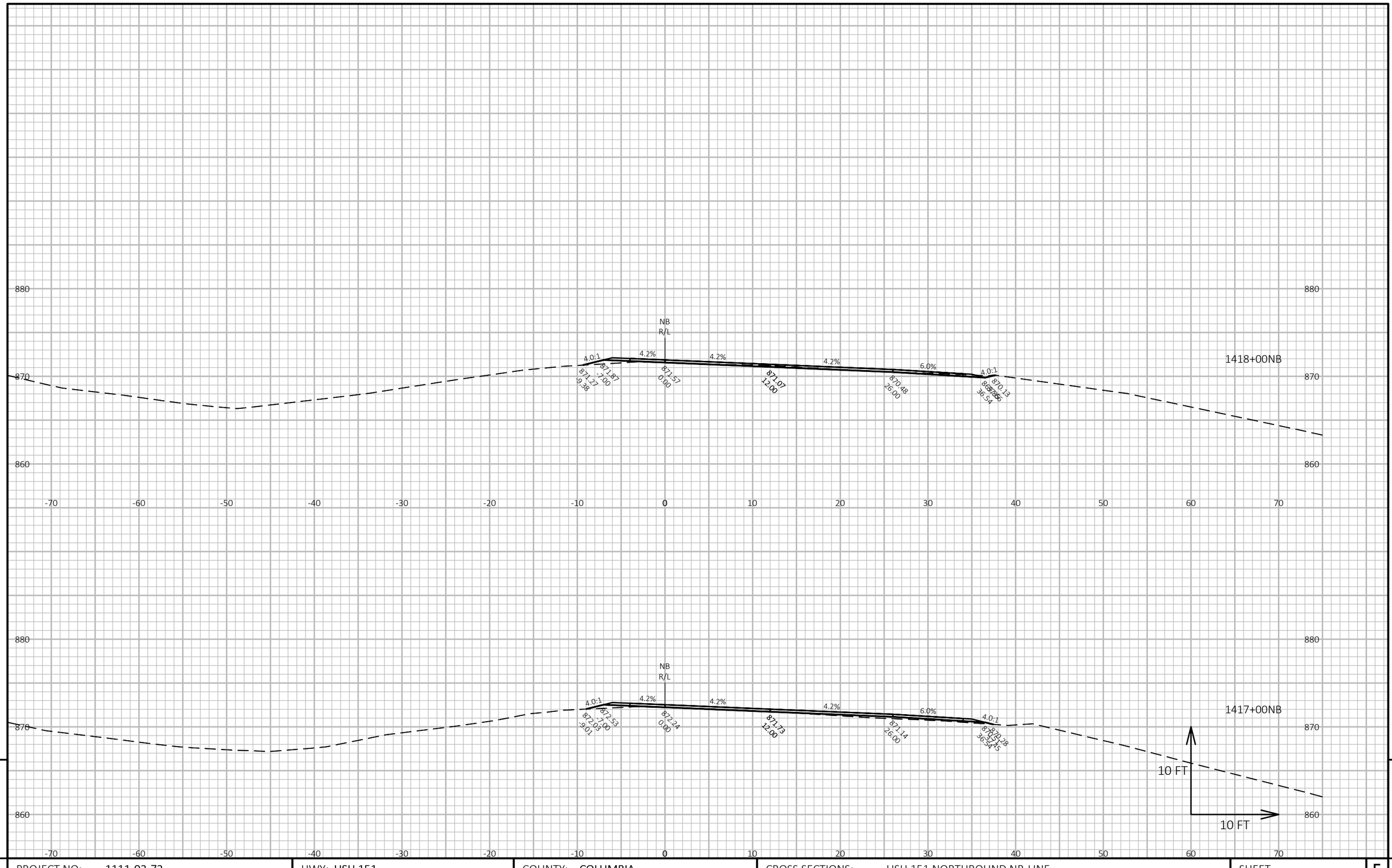
PLOT DATE : 2/14/2018 4:07 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 567	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090343_xs-NB

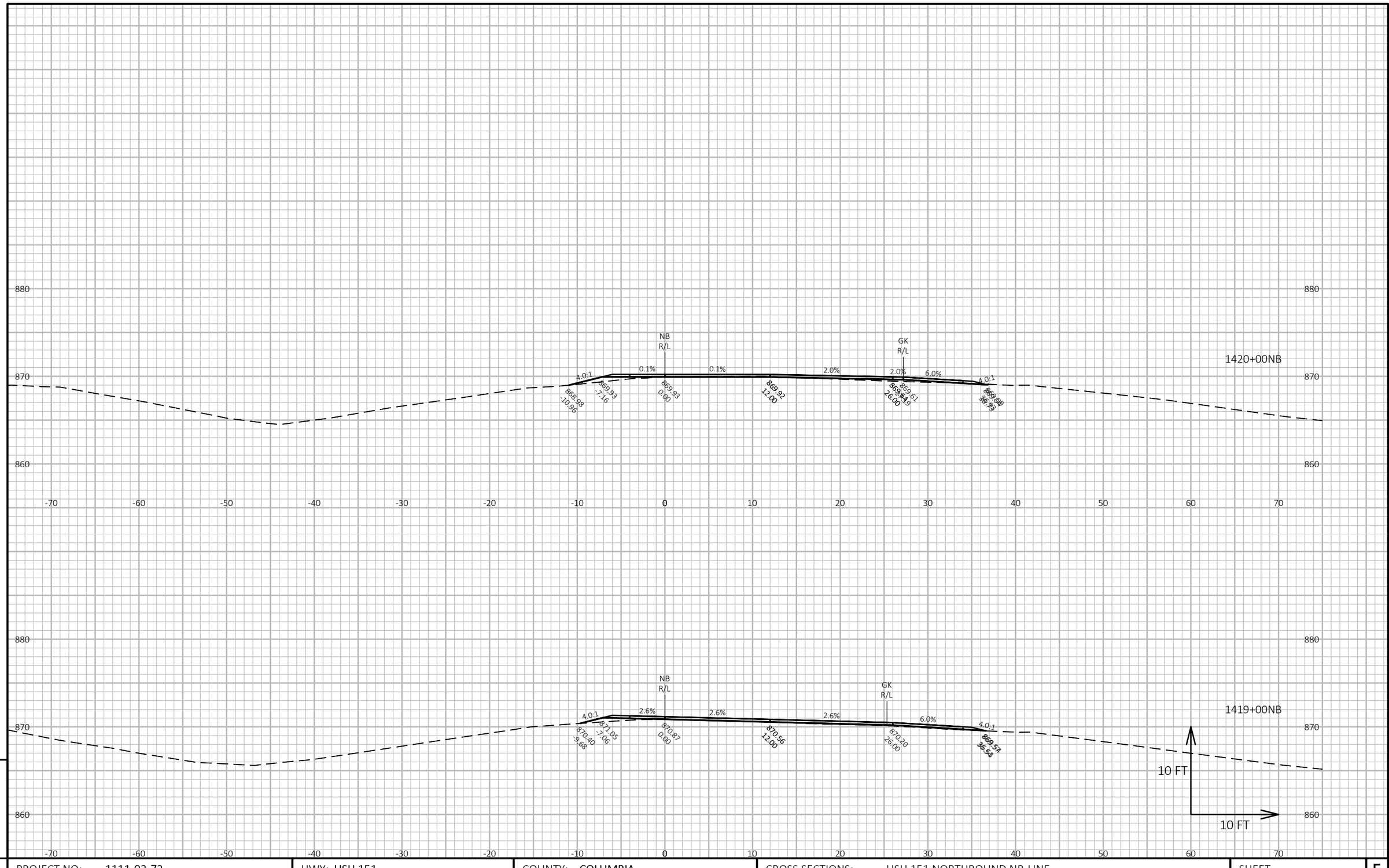
PLOT DATE : 2/14/2018 4:07 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 568	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090344_xs-NB

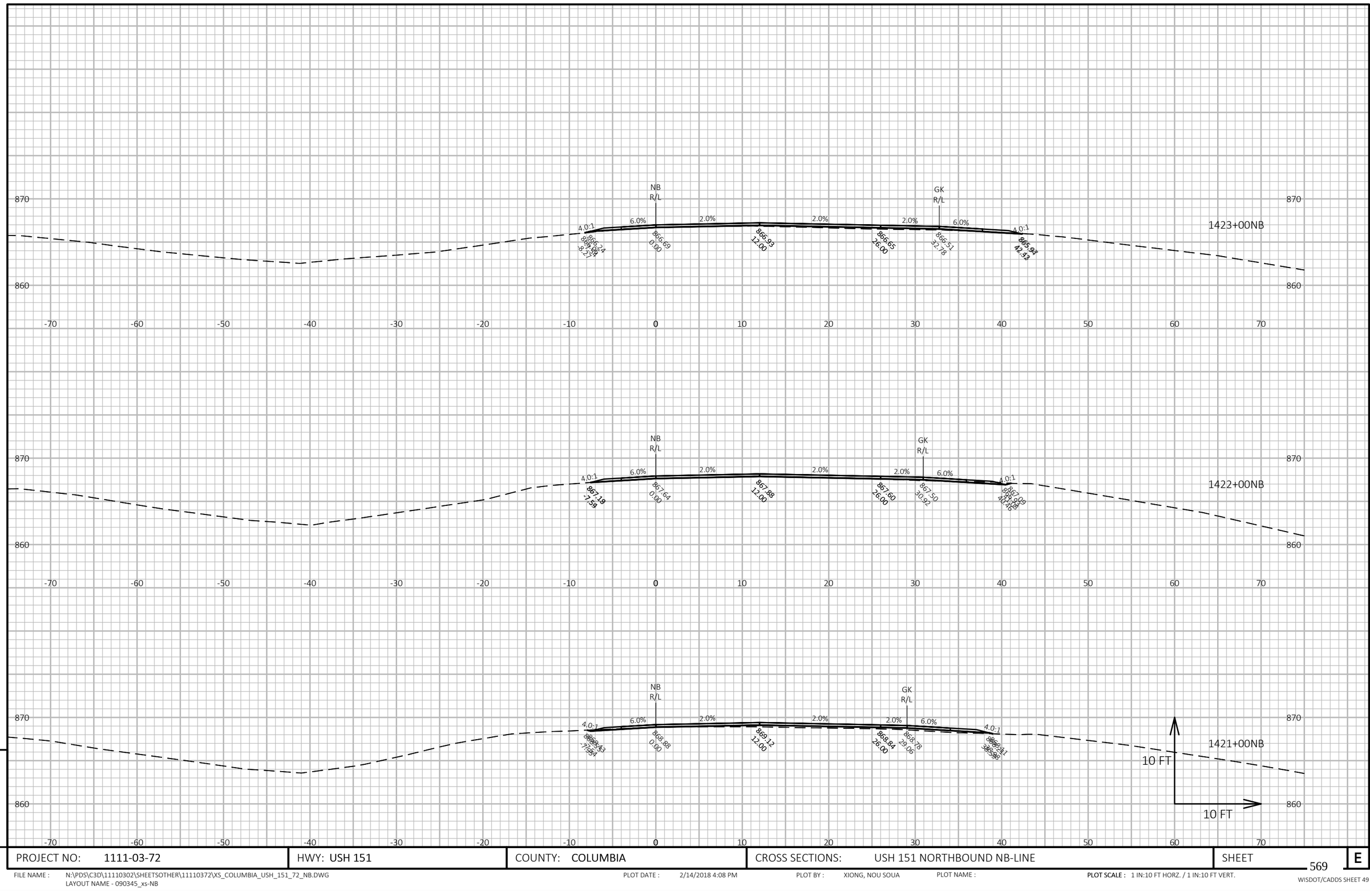
PLOT DATE : 2/14/2018 4:08 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 569	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090345_xs-NB

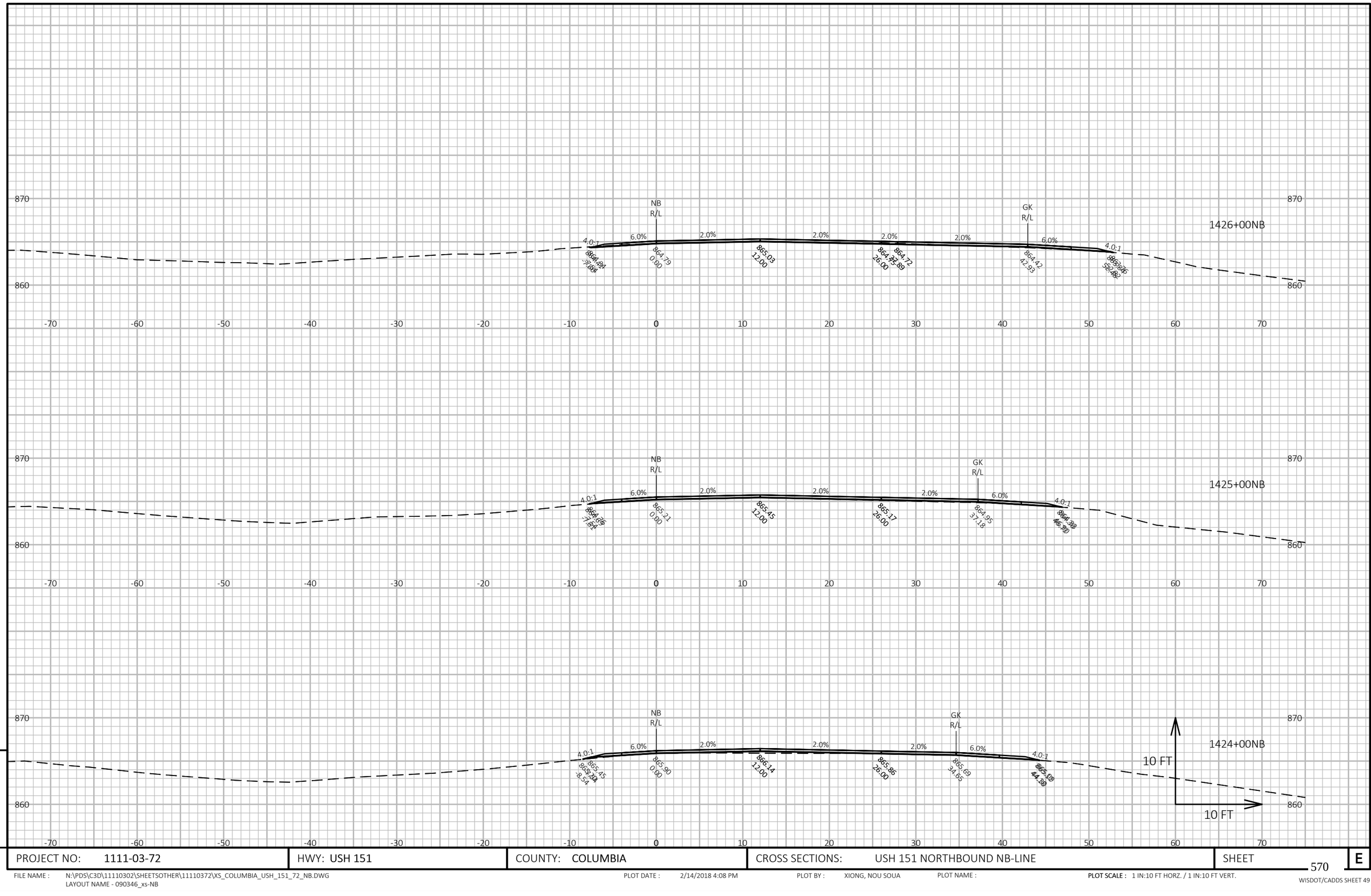
PLOT DATE : 2/14/2018 4:08 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

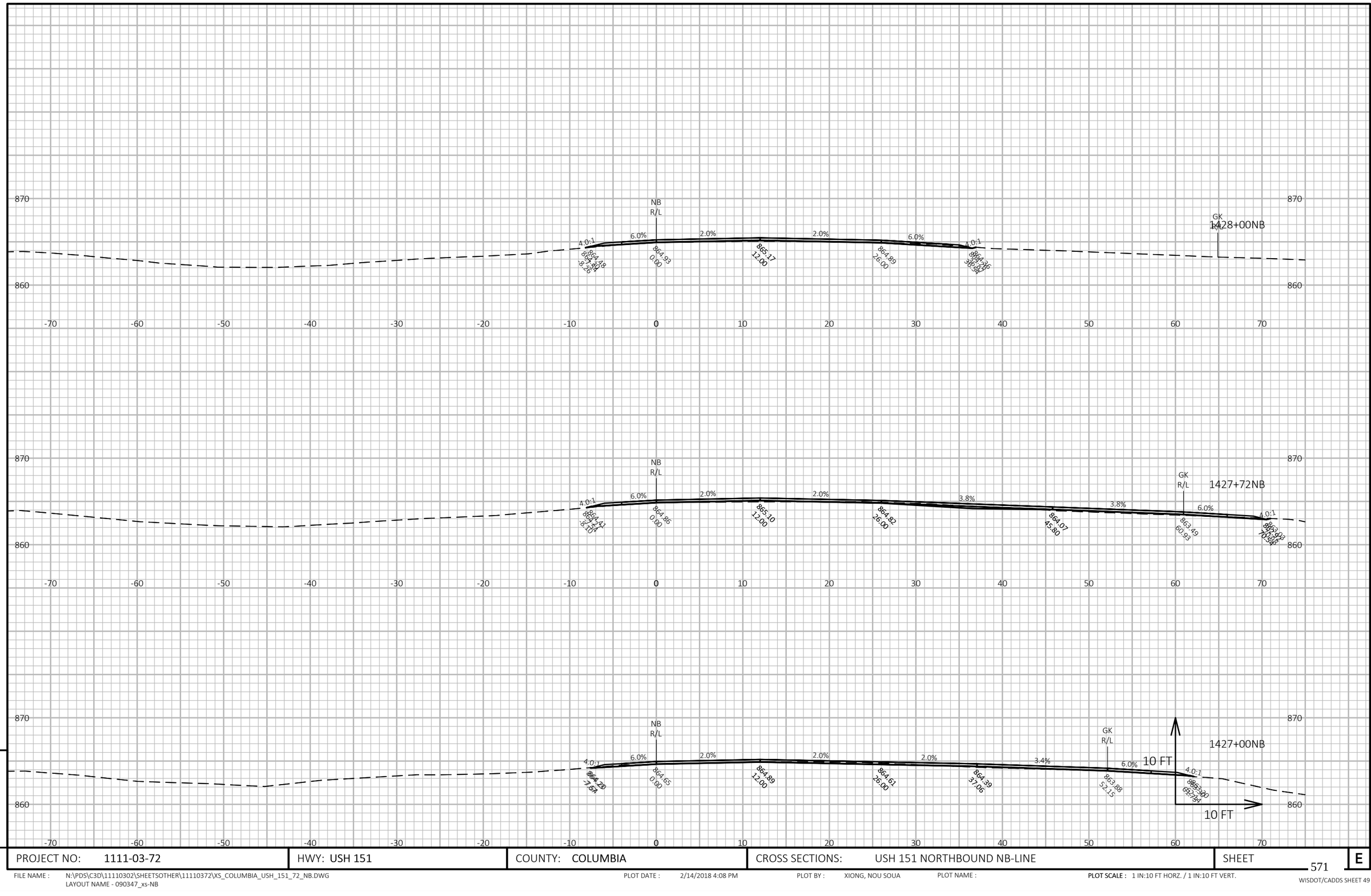


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 570 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090346_xs-NB

PLOT DATE : 2/14/2018 4:08 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 571 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090347_xs-NB

PLOT DATE : 2/14/2018 4:08 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 572 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090348_xs-NB

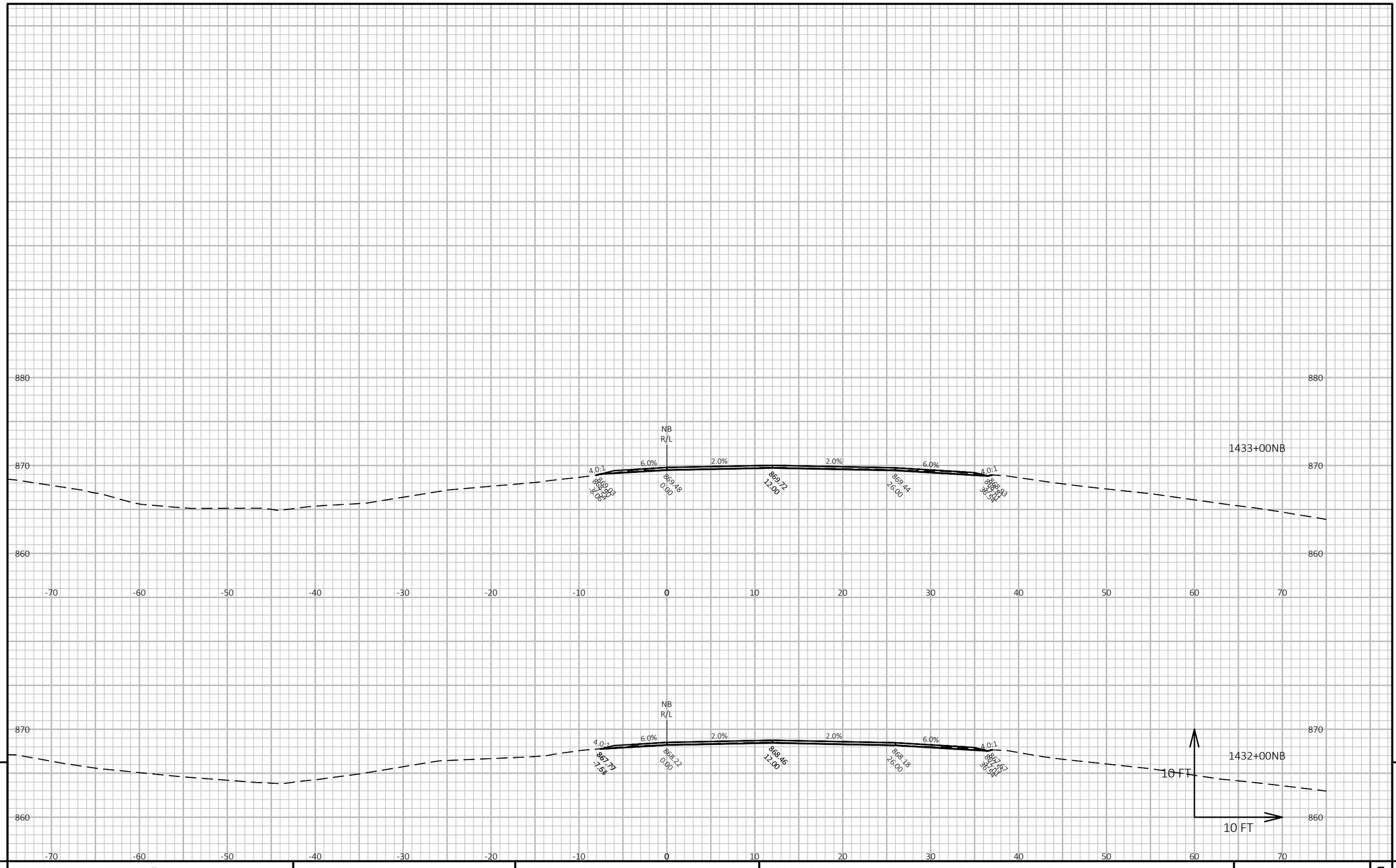
PLOT DATE : 2/14/2018 4:08 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 573	E

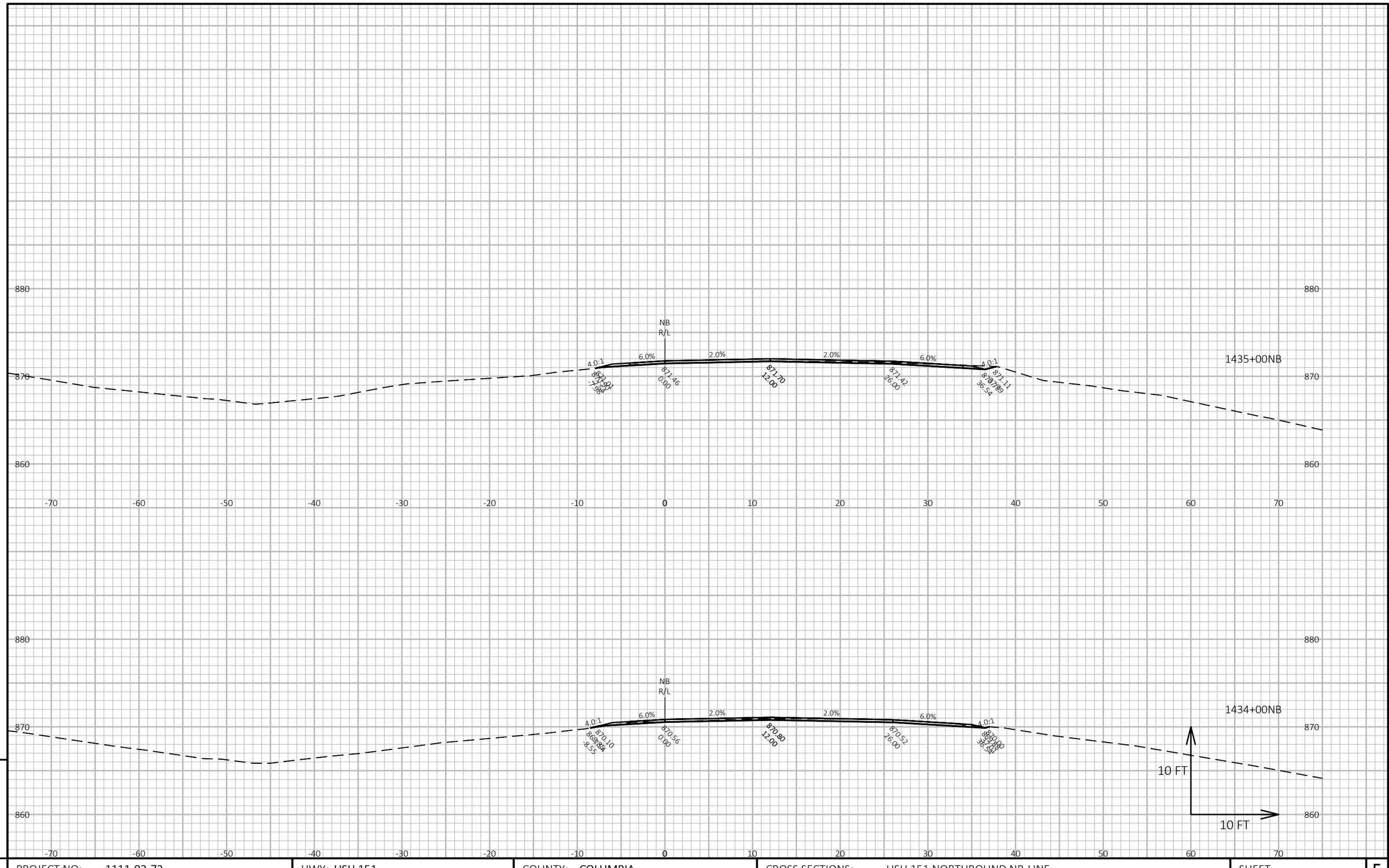
FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090349_xs-NB

PLOT DATE : 2/14/2018 4:08 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 574	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090350_xs-NB

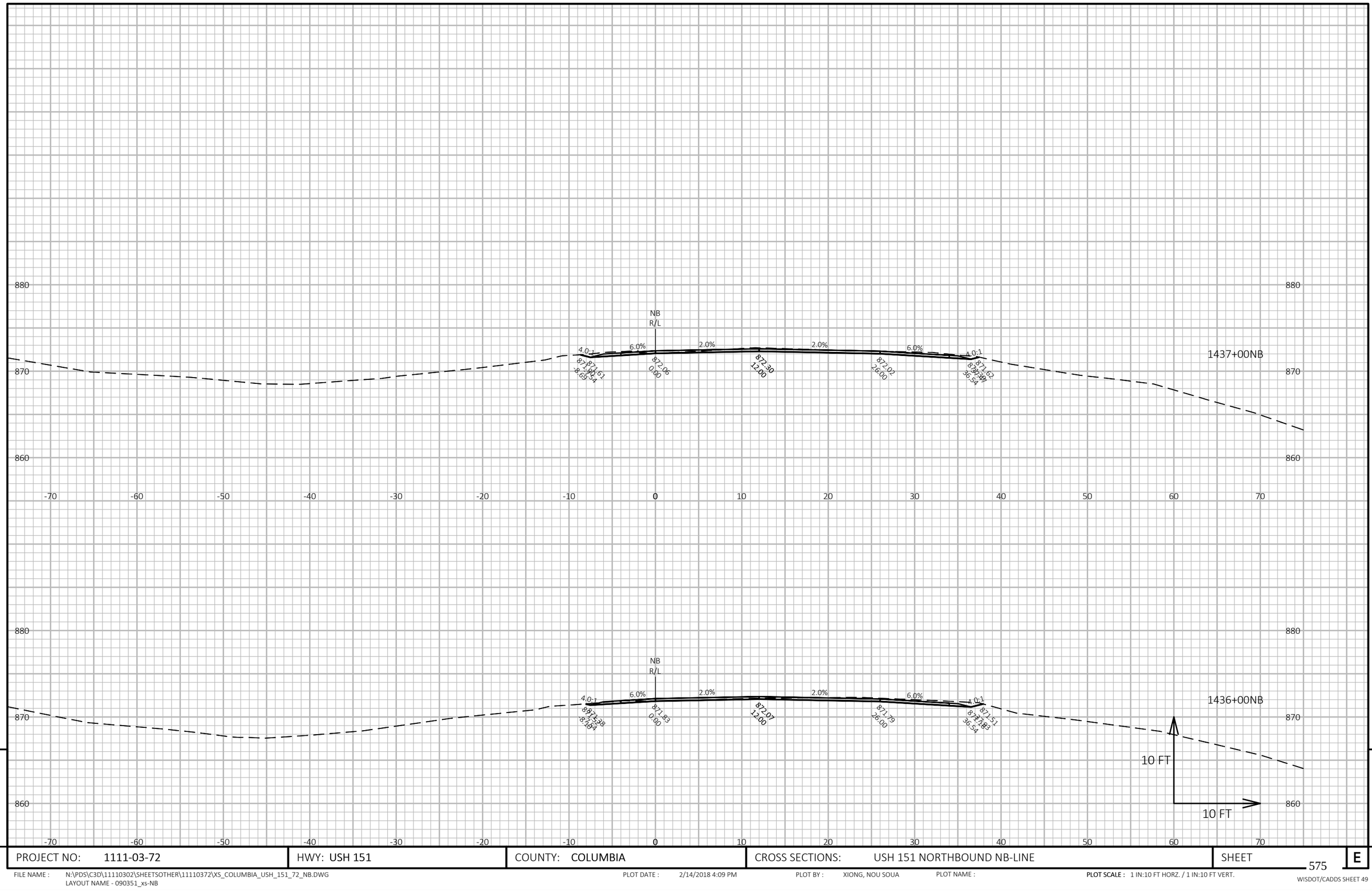
PLOT DATE : 2/14/2018 4:09 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



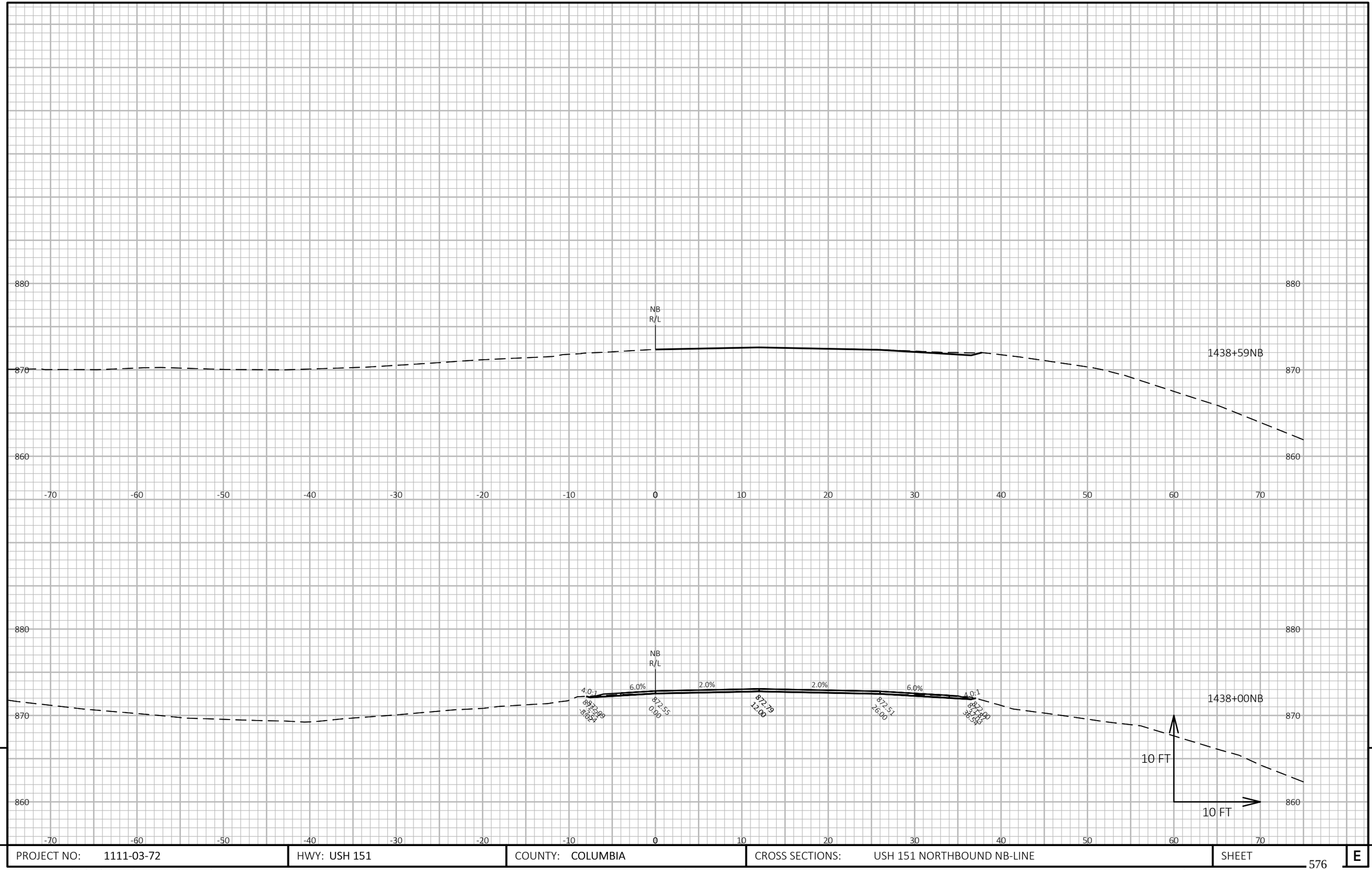
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 575	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090351_xs-NB

PLOT DATE : 2/14/2018 4:09 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 576	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090352_xs-NB

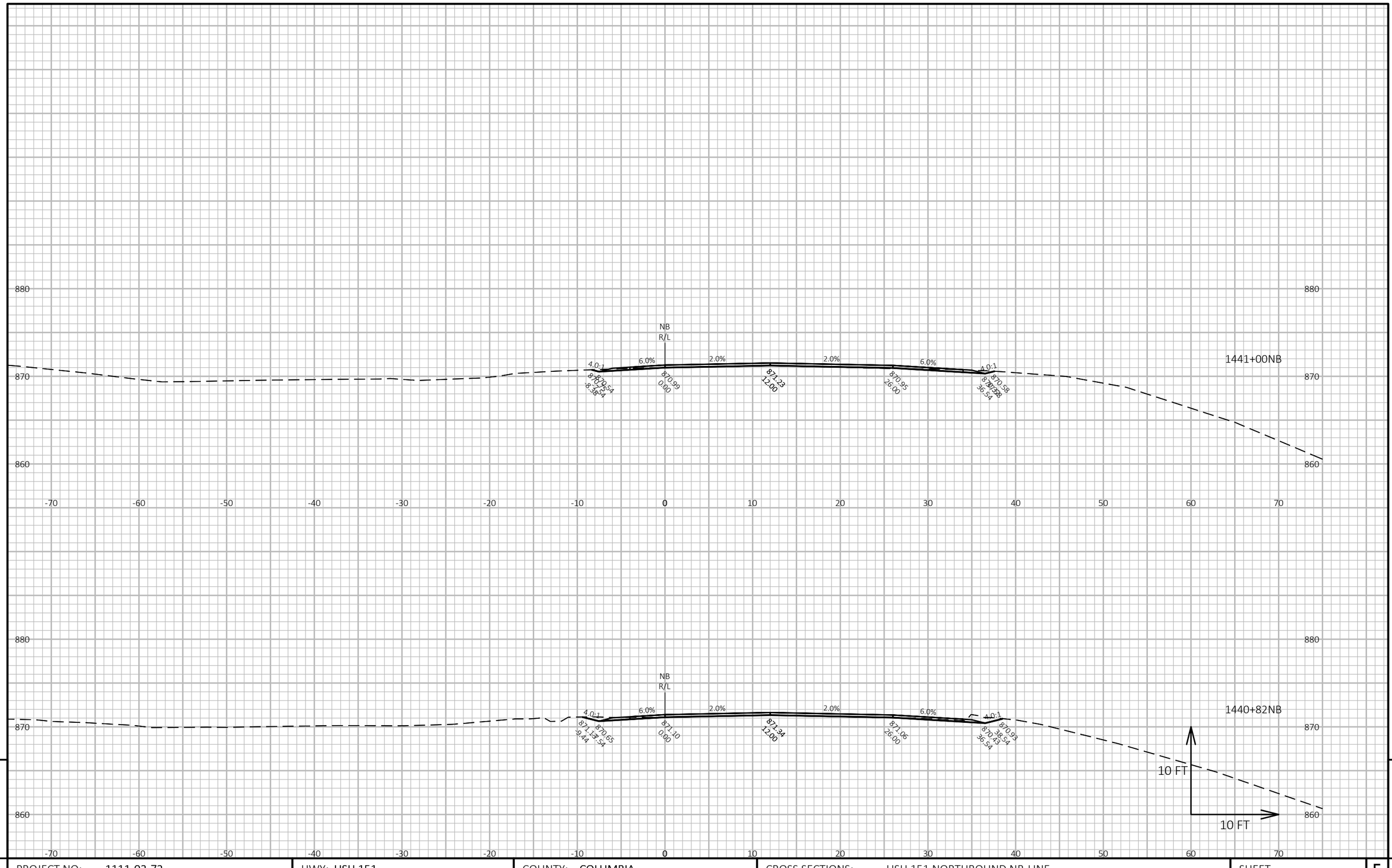
PLOT DATE : 2/14/2018 4:09 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 577	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090354_xs-NB

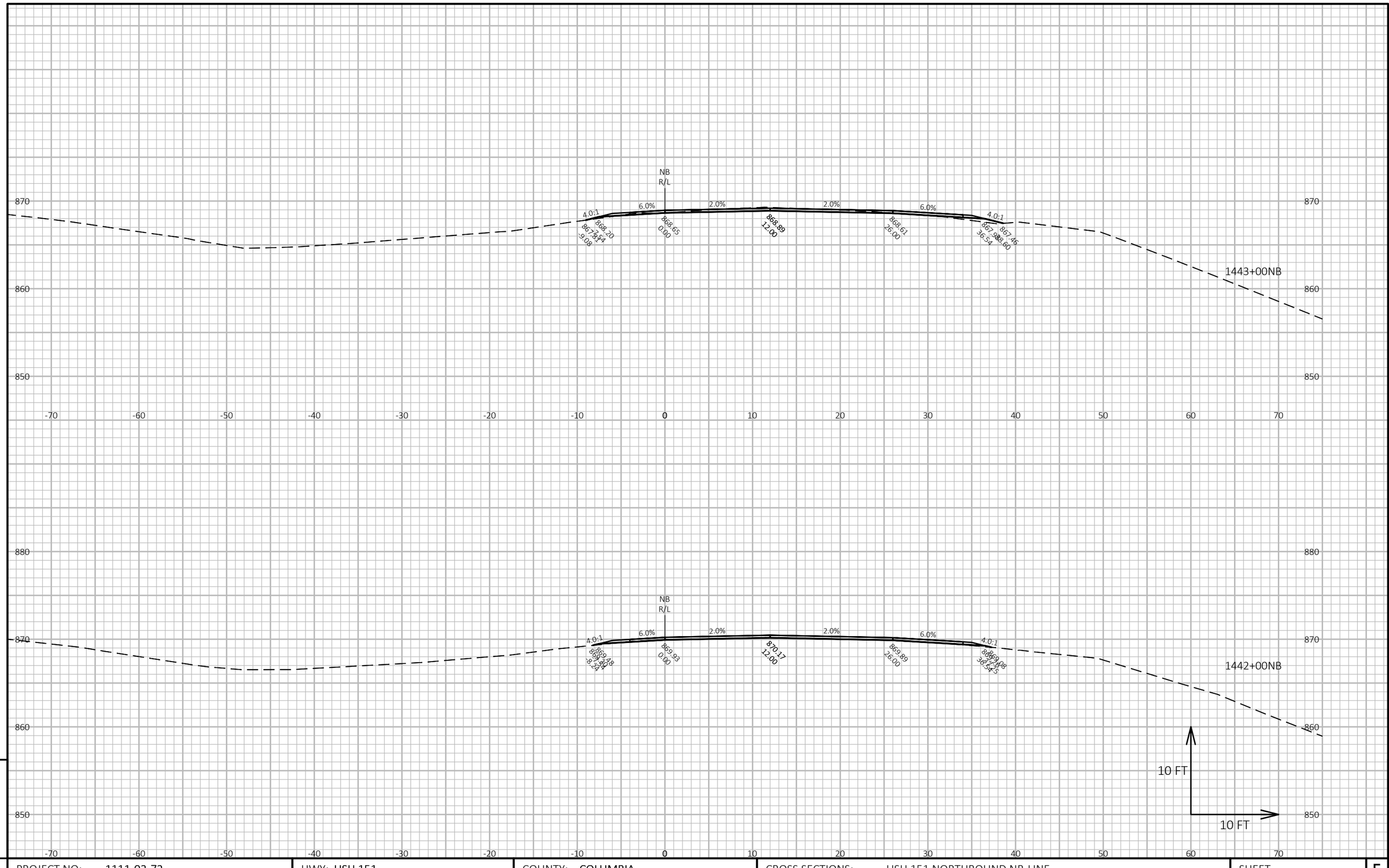
PLOT DATE : 2/14/2018 4:09 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 578	E

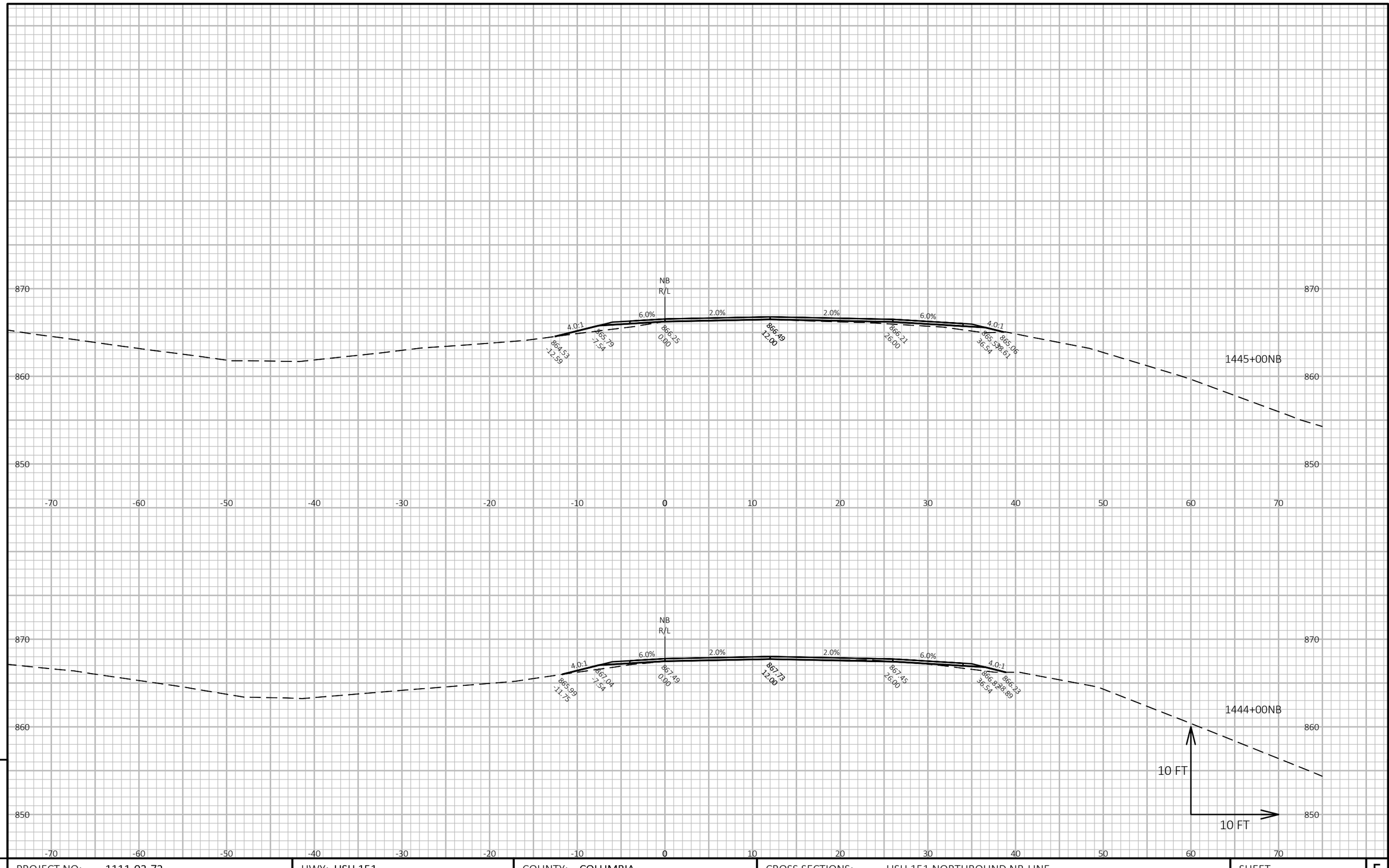
FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090355_xs-NB

PLOT DATE : 2/14/2018 4:10 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 579	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090356_xs-NB

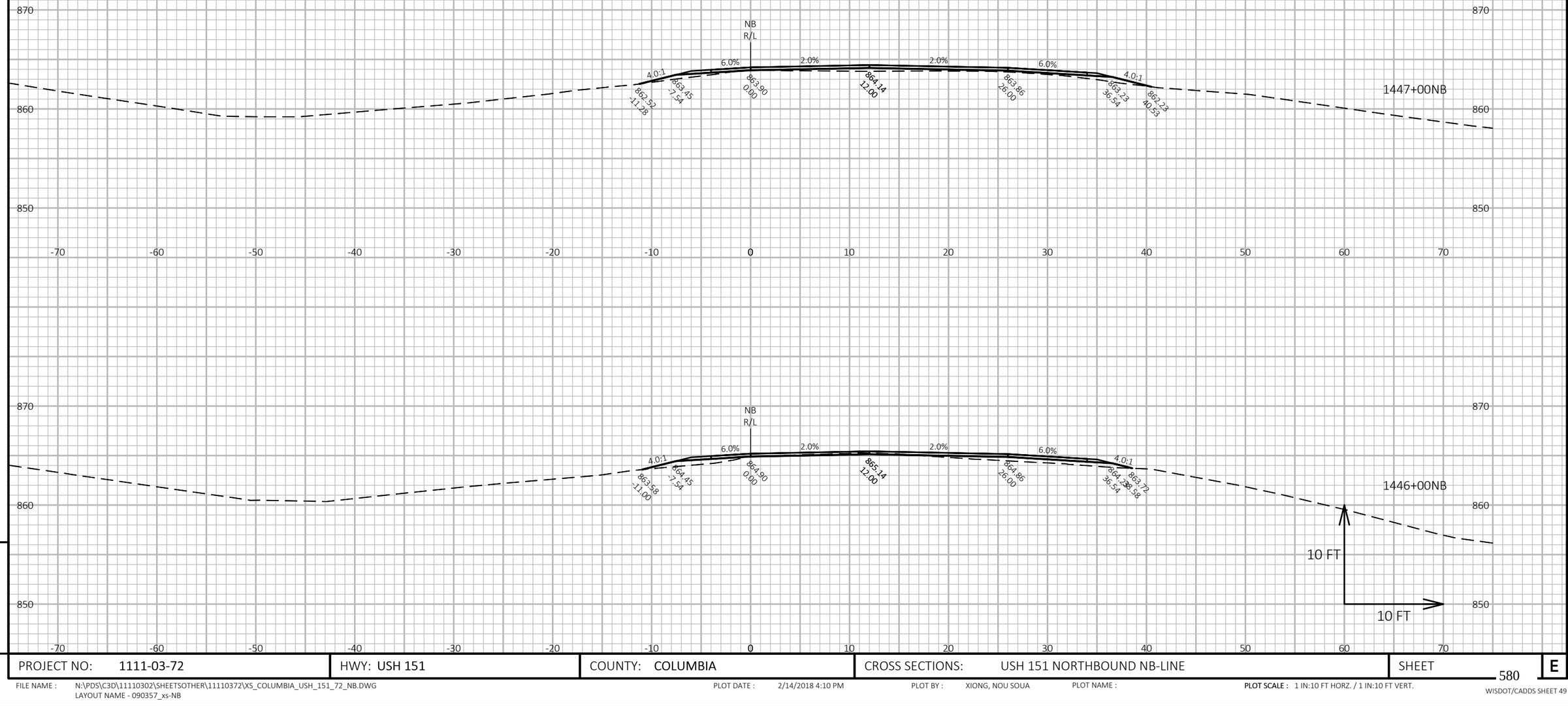
PLOT DATE : 2/14/2018 4:10 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 580	E

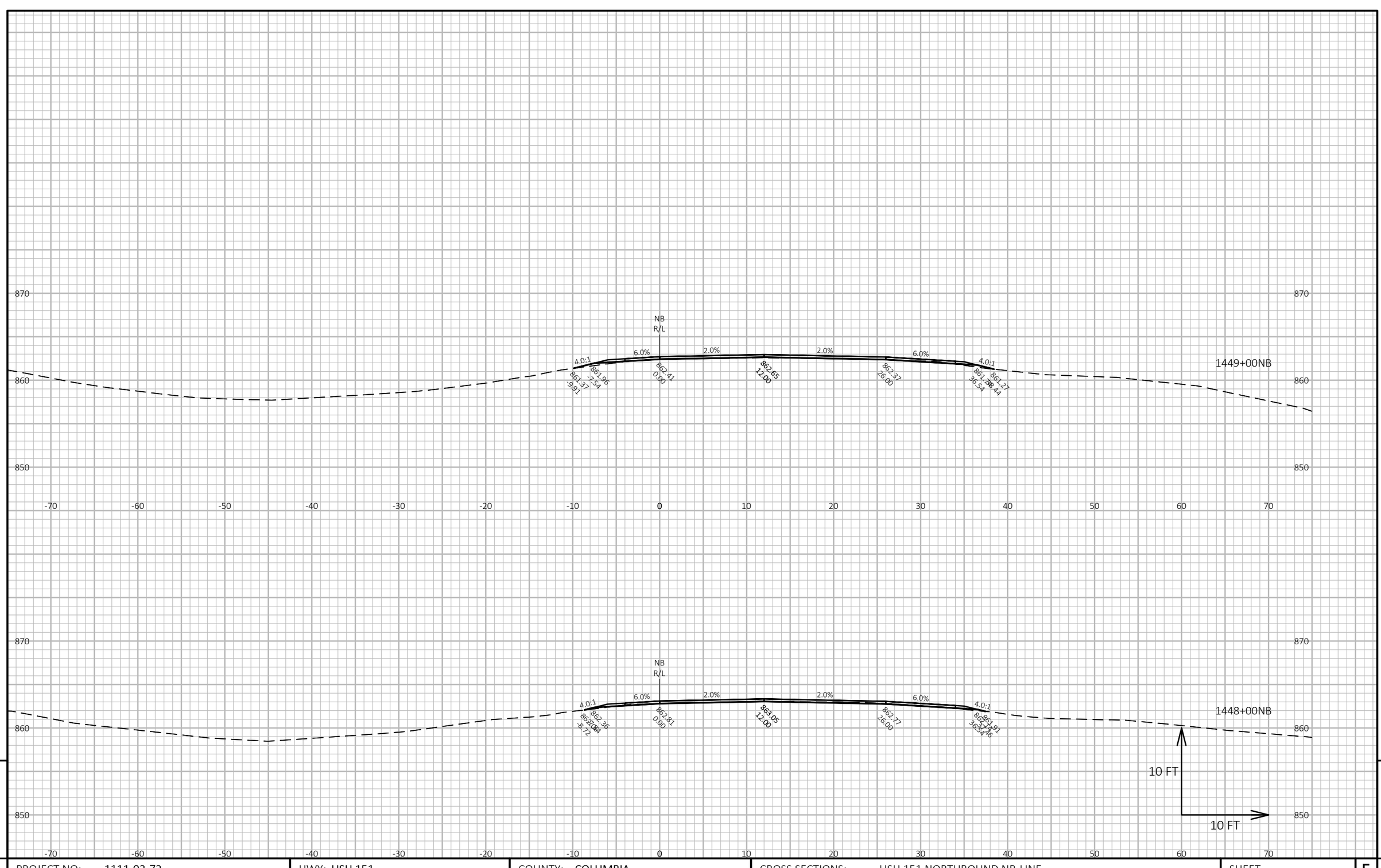
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LAYOUT NAME - 090357_xs-NB

PLOT DATE : 2/14/2018 4:10 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 581	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090358_xs-NB

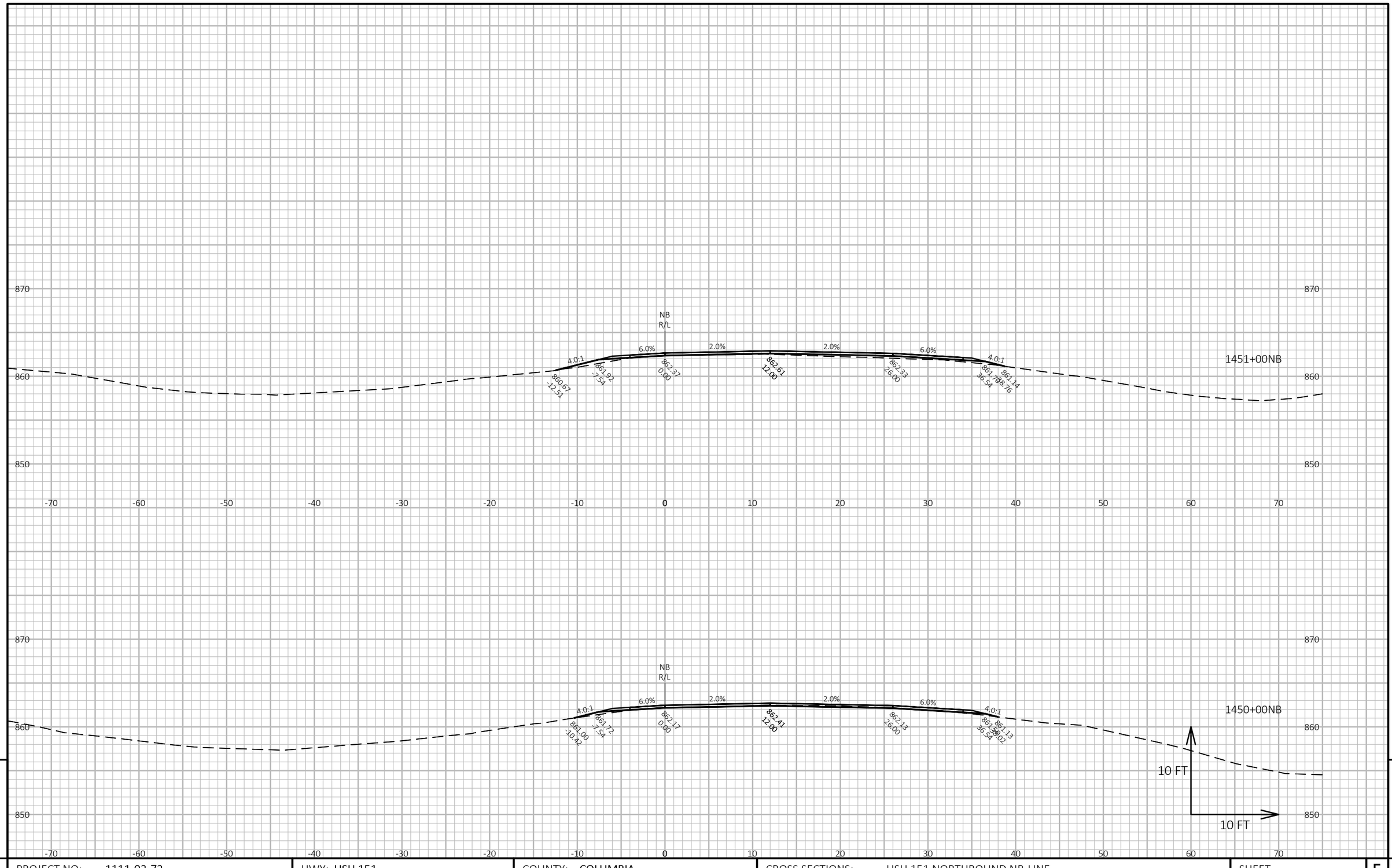
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PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 582	E

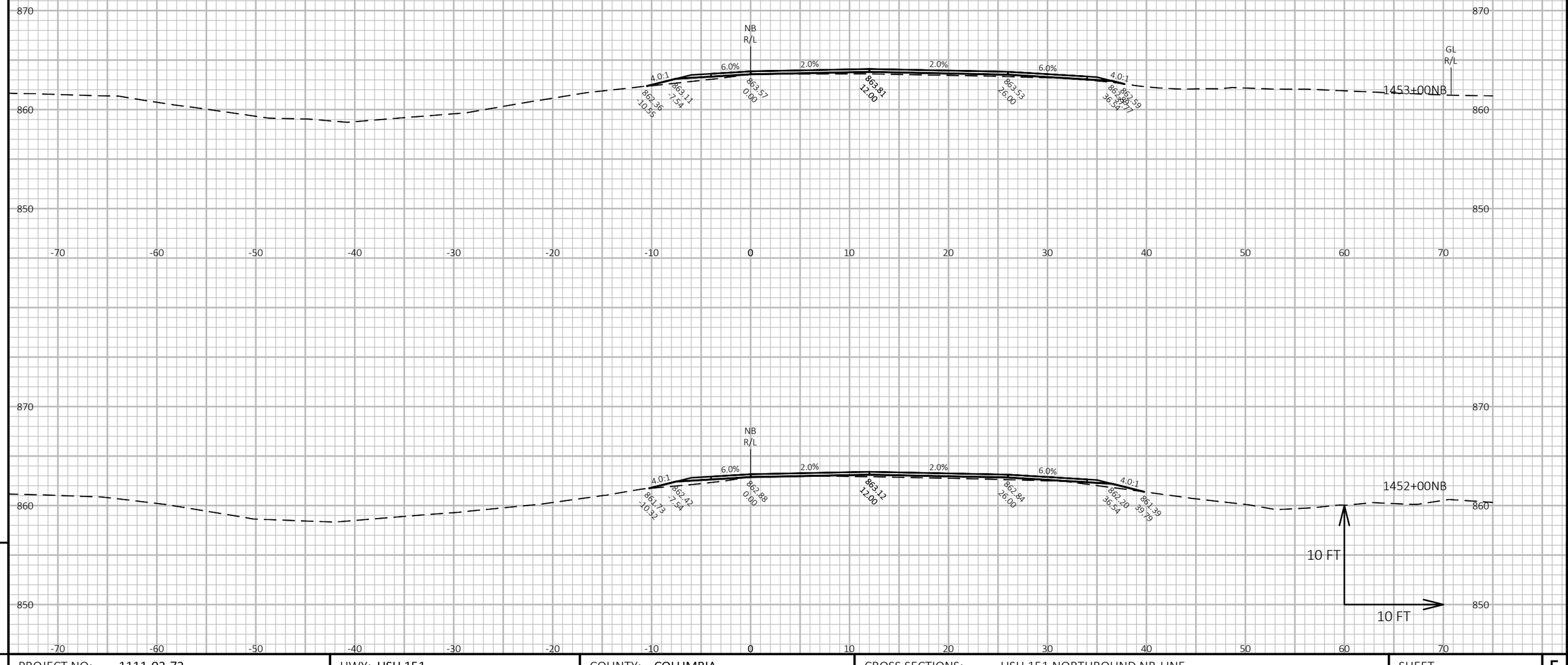
FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090359_xs-NB

PLOT DATE : 2/14/2018 4:10 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 583	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090360_xs-NB

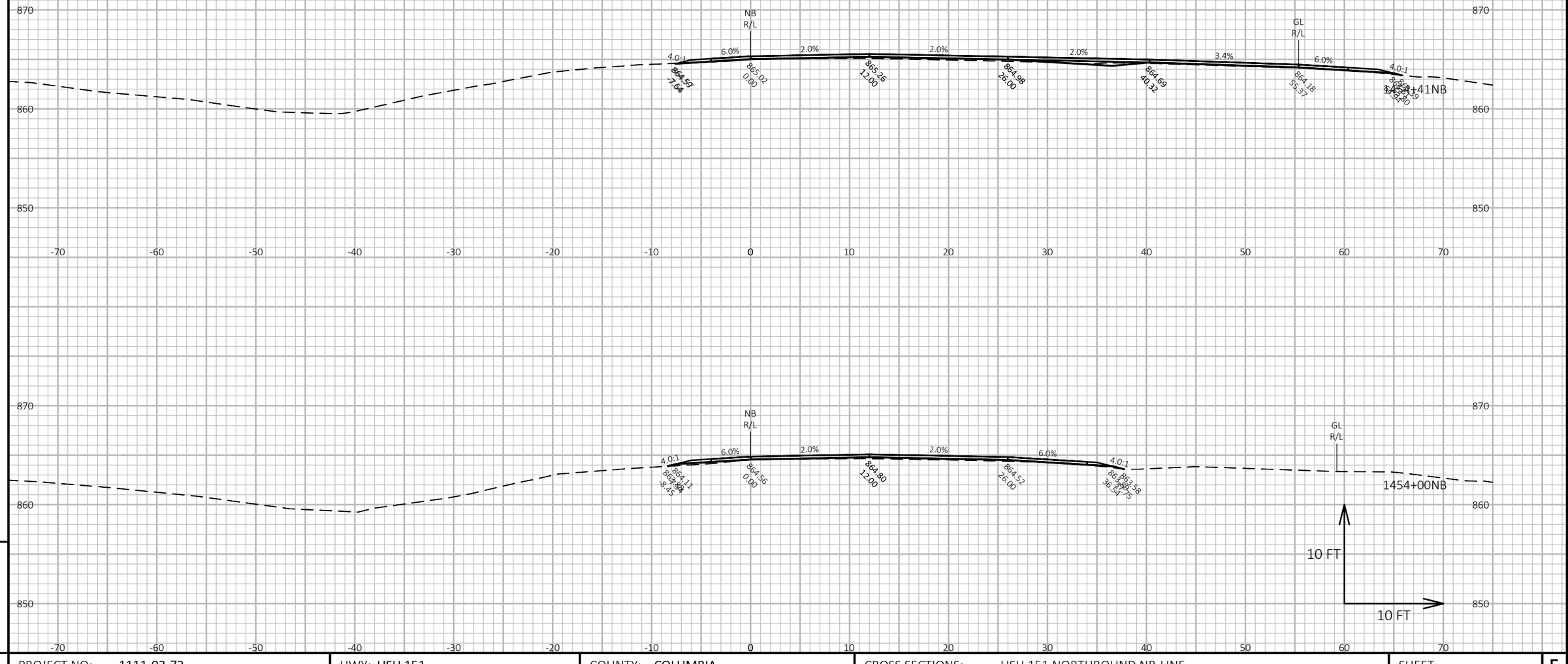
PLOT DATE : 2/14/2018 4:11 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

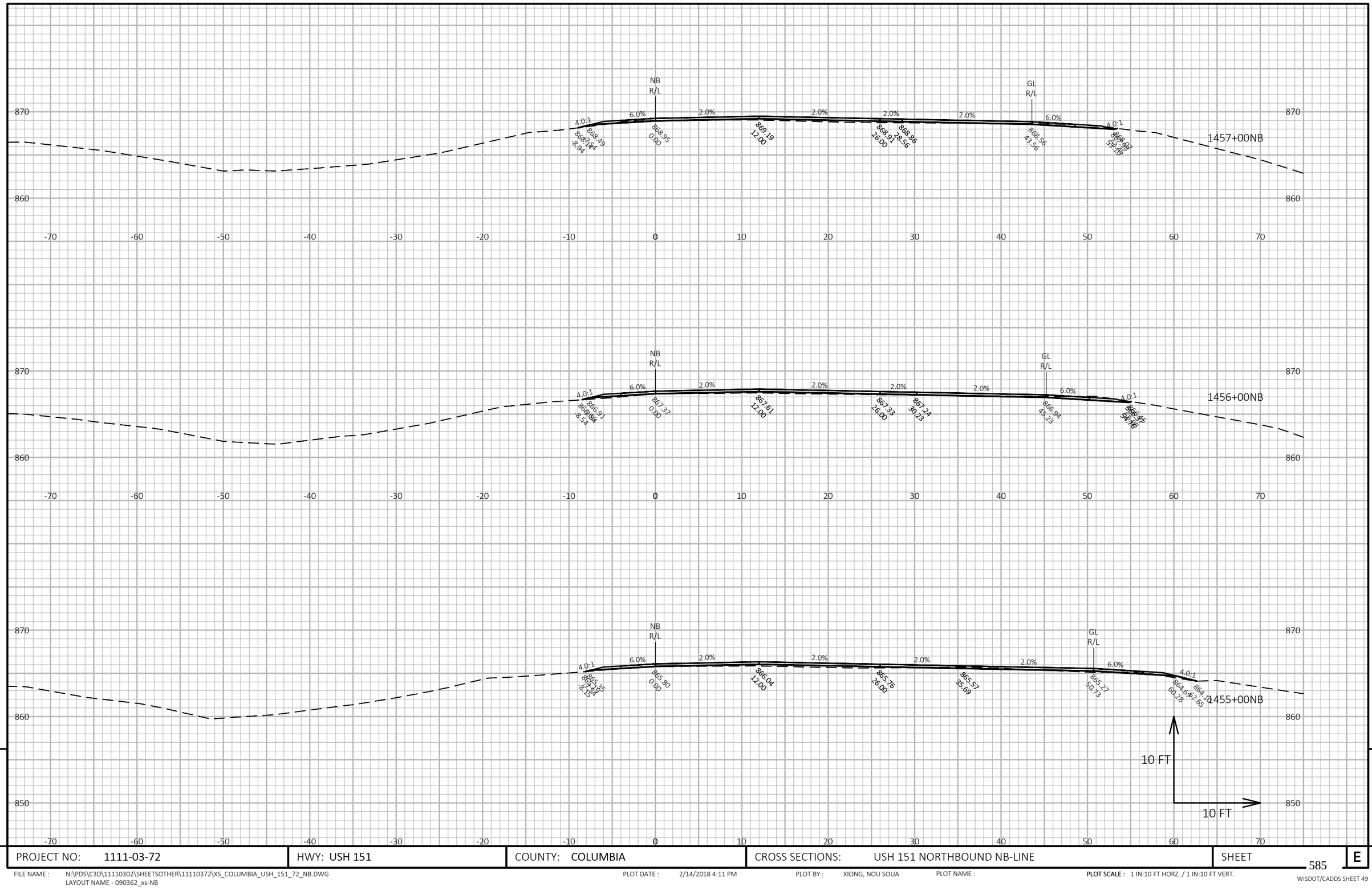
WISDOT/CADDS SHEET 49



PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 584 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090361_xs-NB

PLOT DATE : 2/14/2018 4:11 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 585	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090362_xs-NB

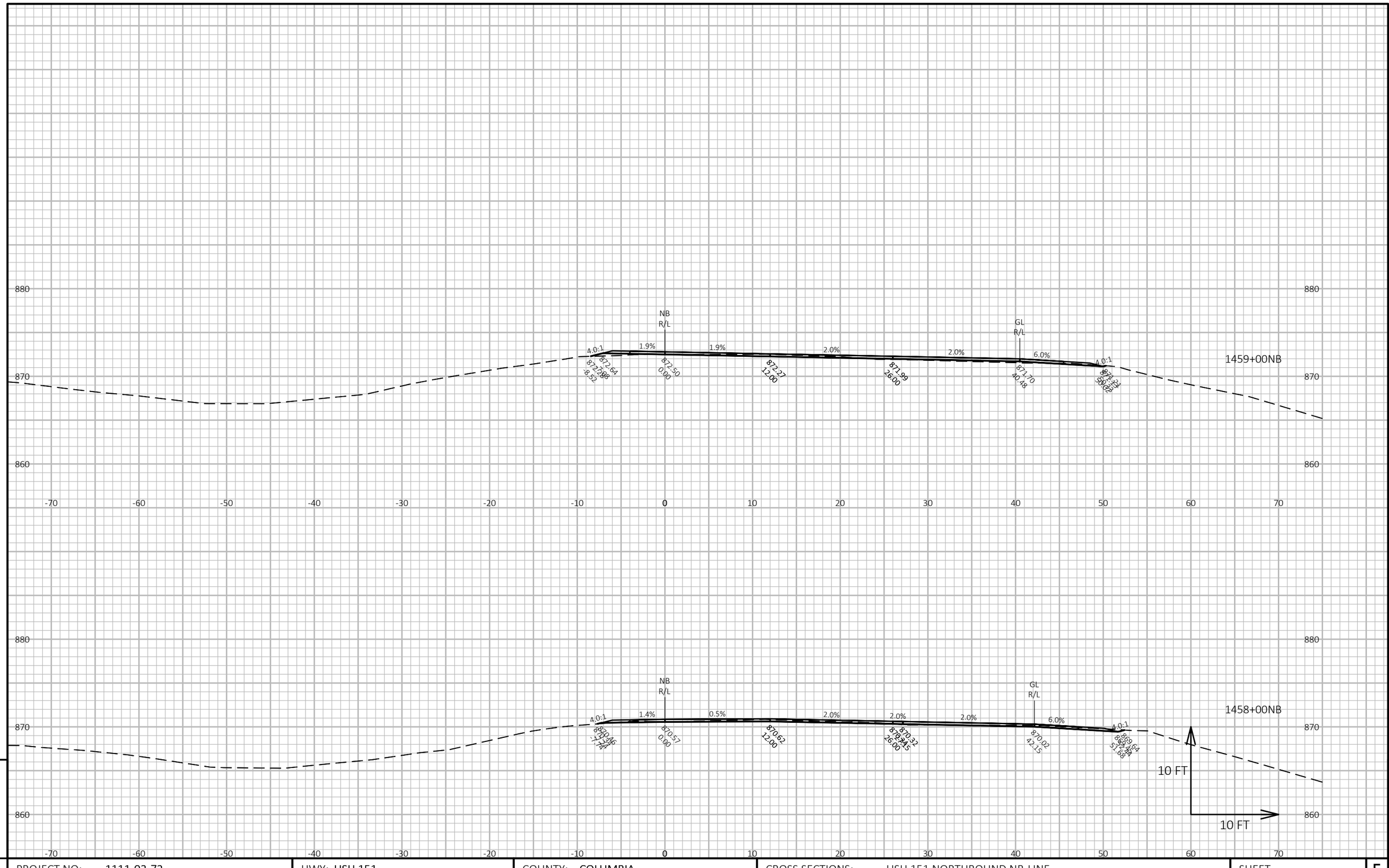
PLOT DATE : 2/14/2018 4:11 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 586 E

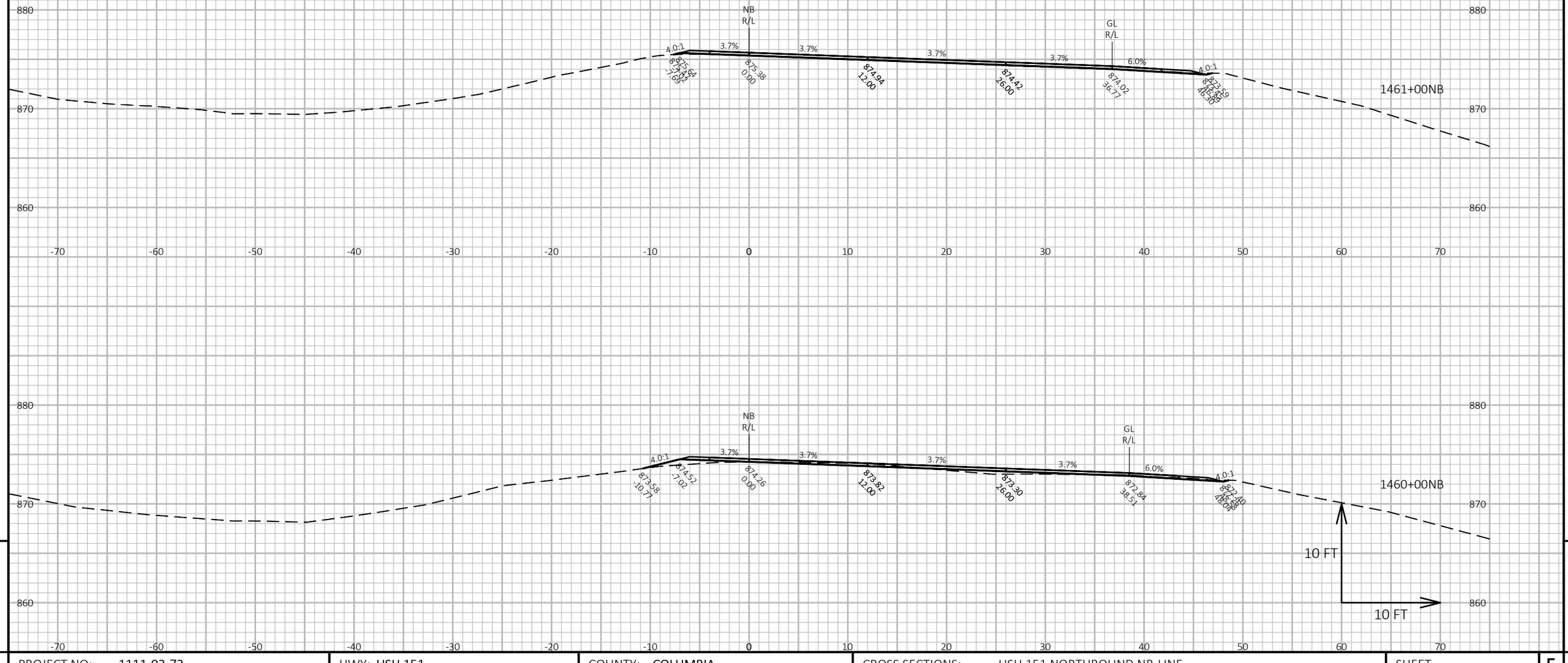
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PLOT DATE : 2/14/2018 4:11 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 587	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090364_xs-NB

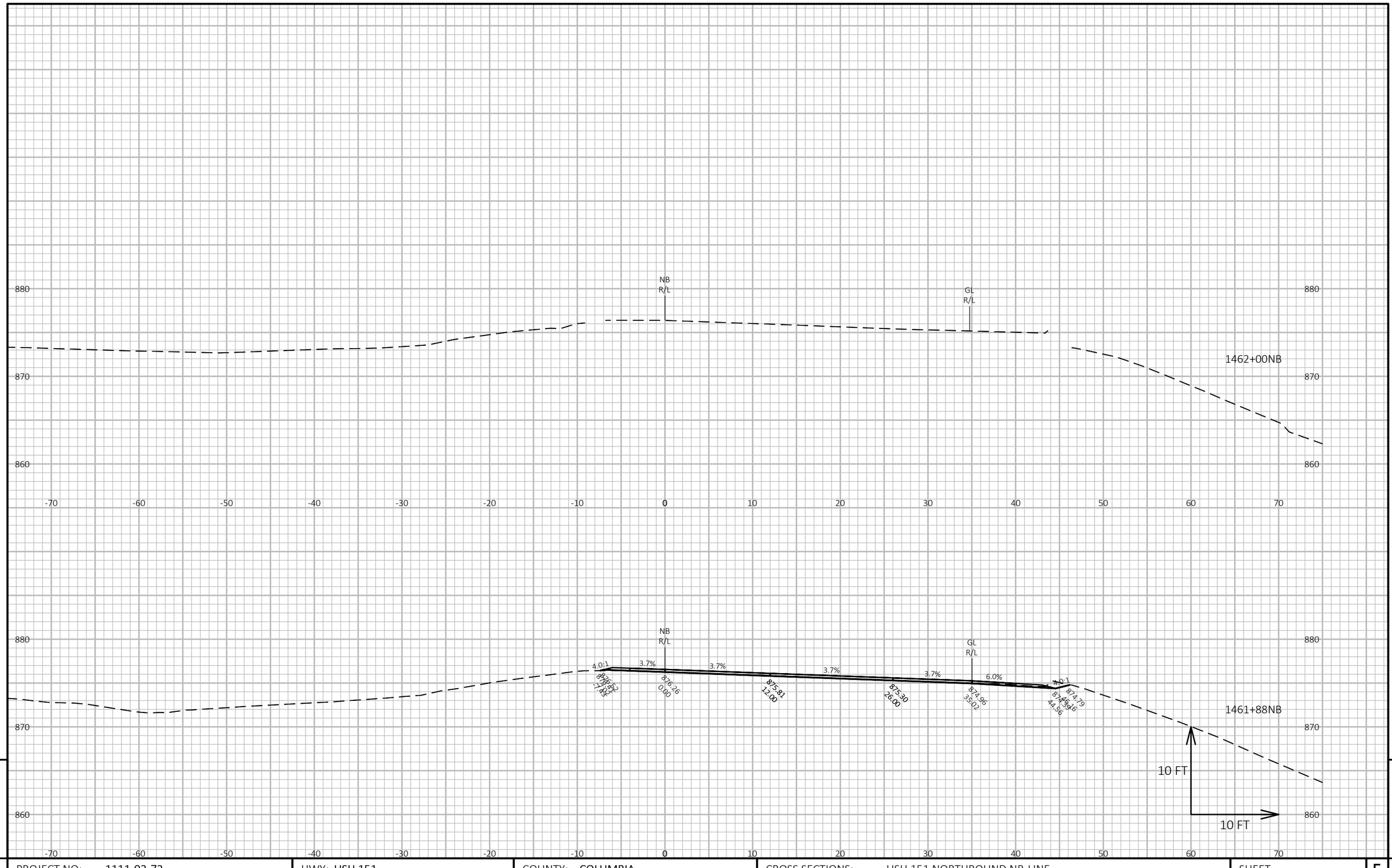
PLOT DATE : 2/14/2018 4:11 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 588	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090365_xs-NB

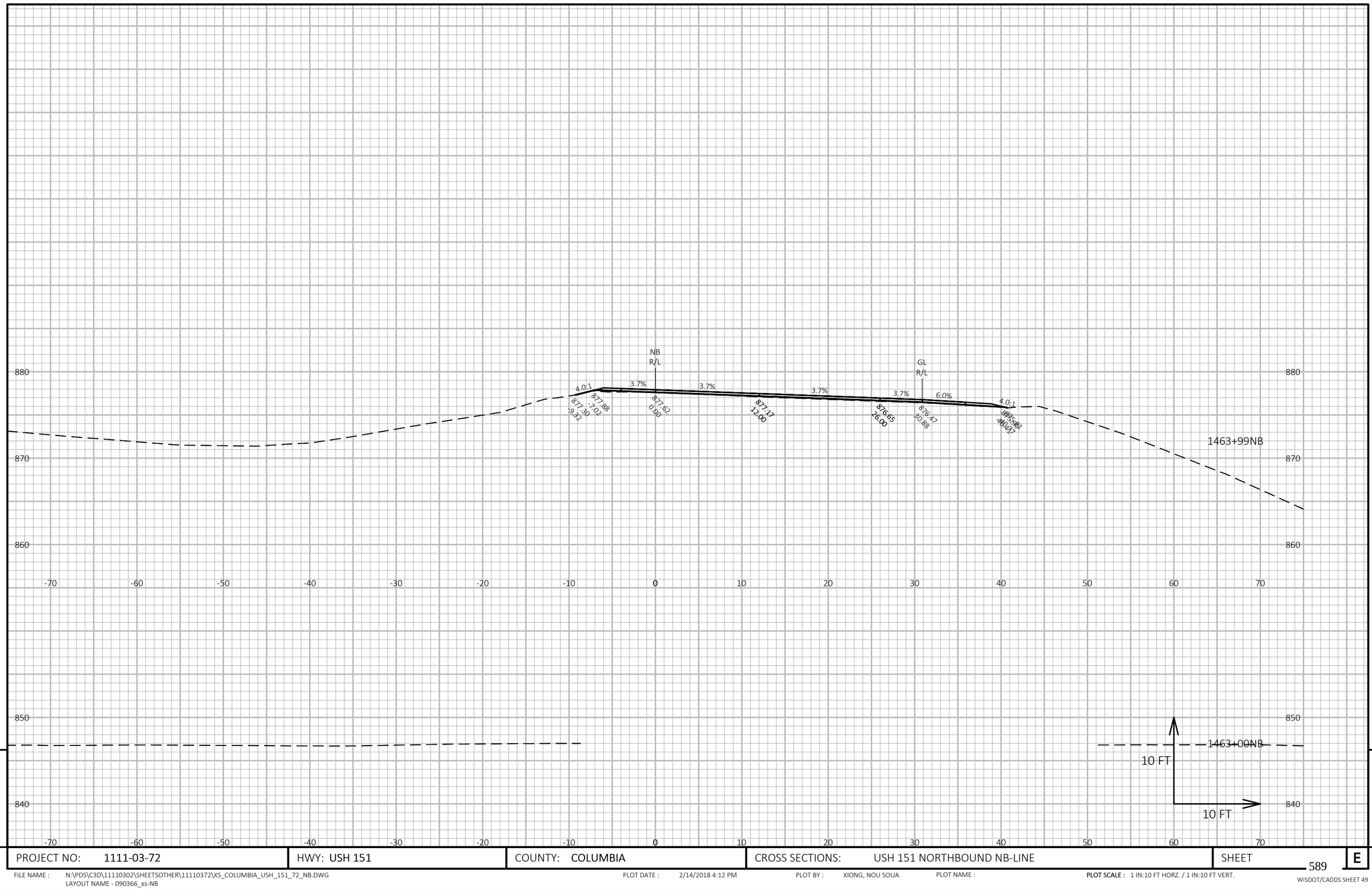
PLOT DATE : 2/14/2018 4:11 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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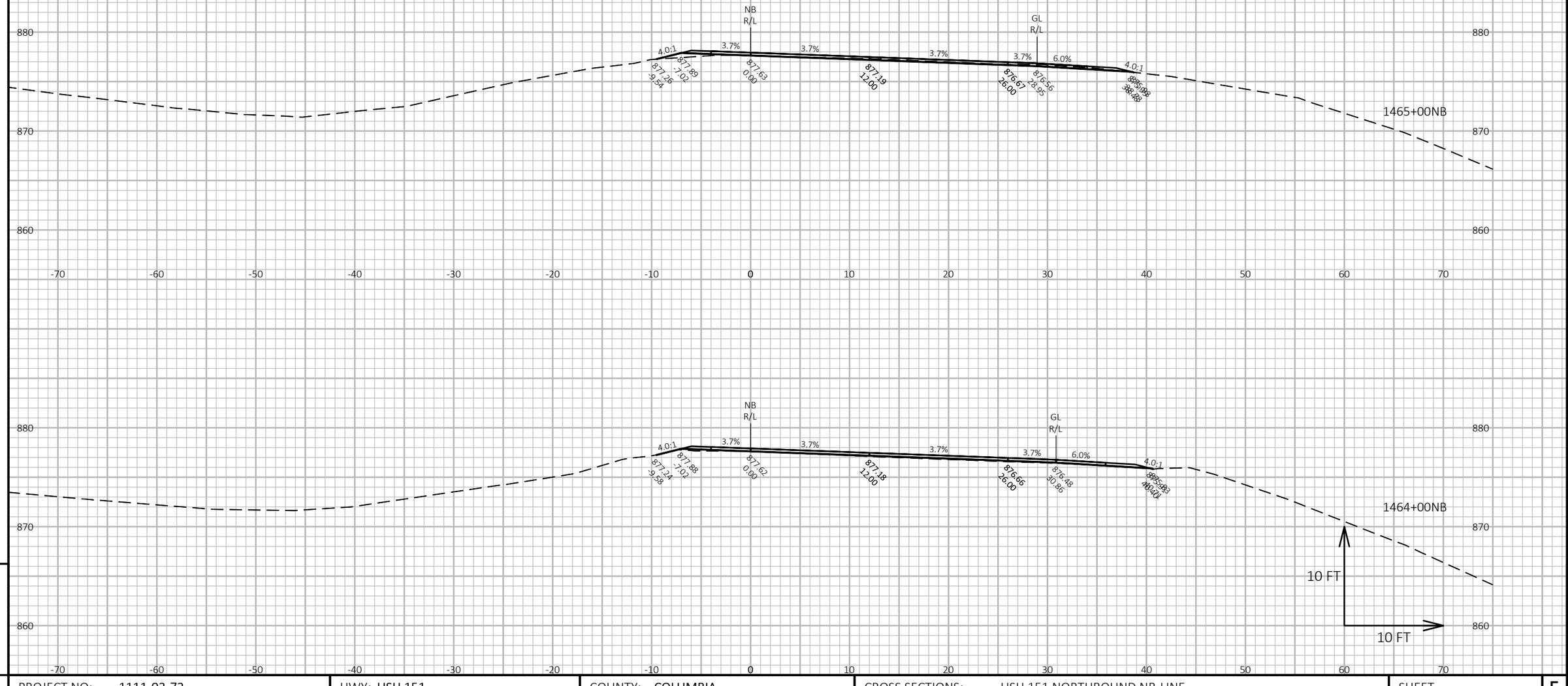
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 589	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090366_xs-NB

PLOT DATE : 2/14/2018 4:12 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

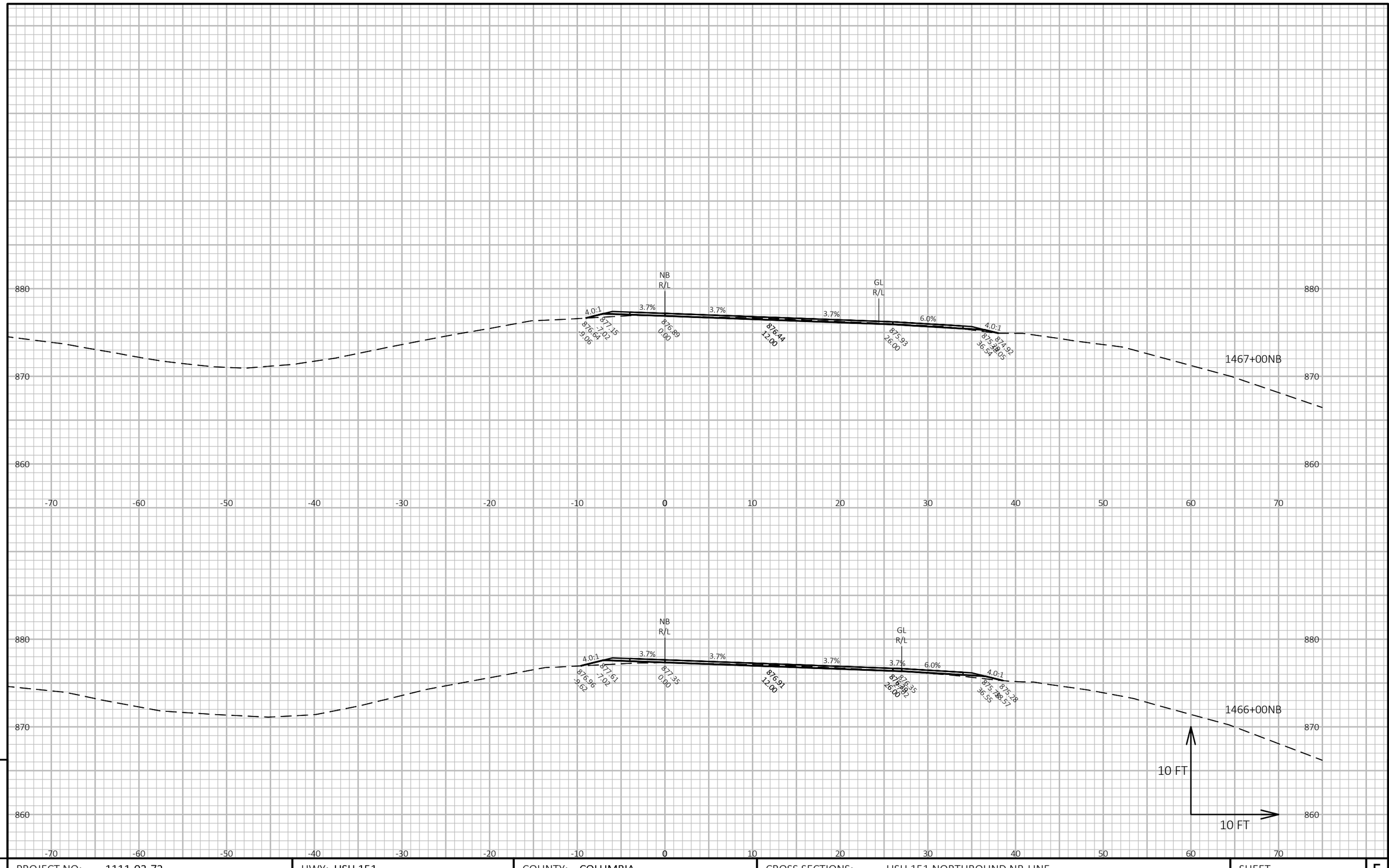


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 590 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090367_xs-NB

PLOT DATE : 2/14/2018 4:12 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

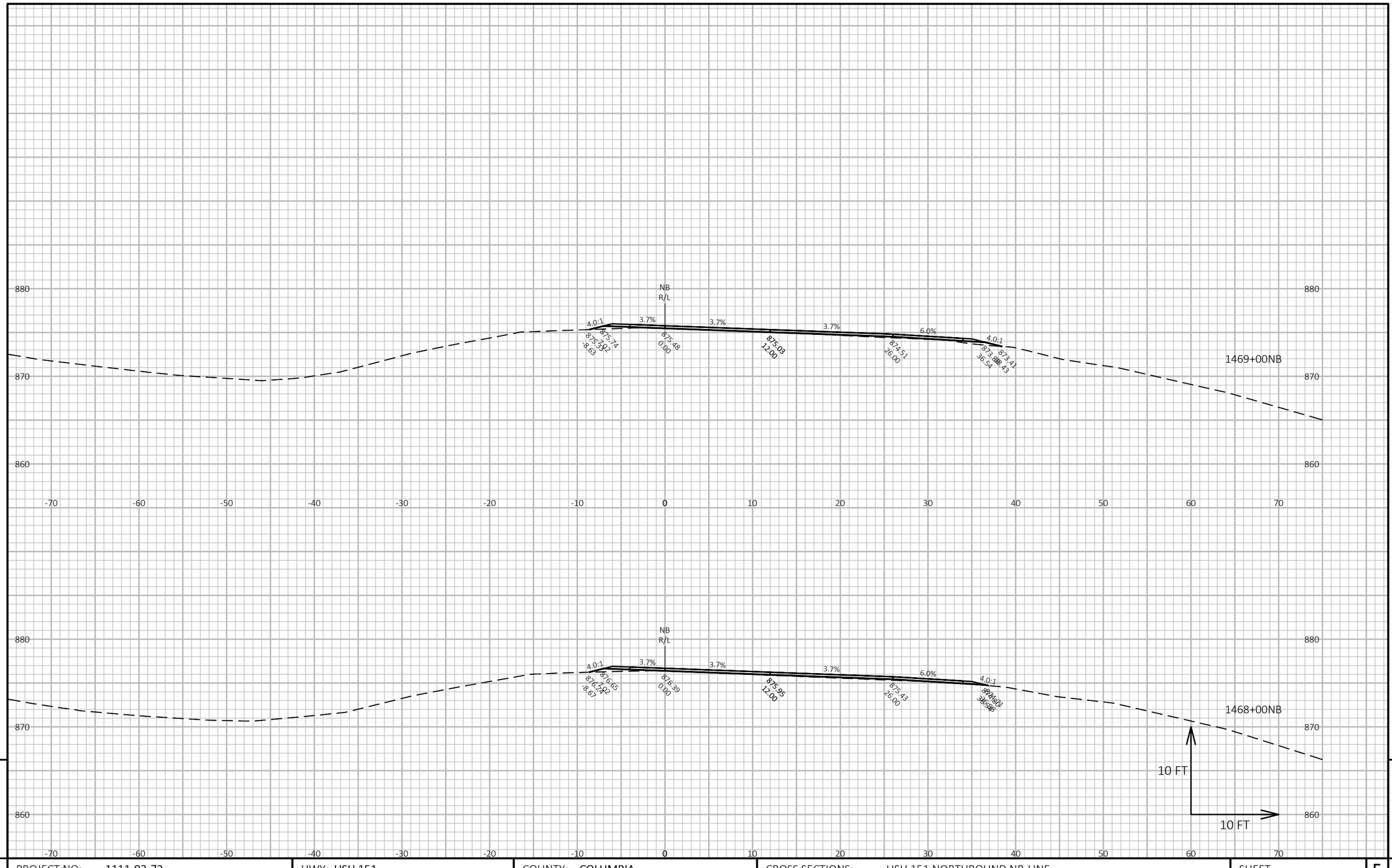


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 591 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090368_xs-NB

PLOT DATE : 2/14/2018 4:12 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 592	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090369_xs-NB

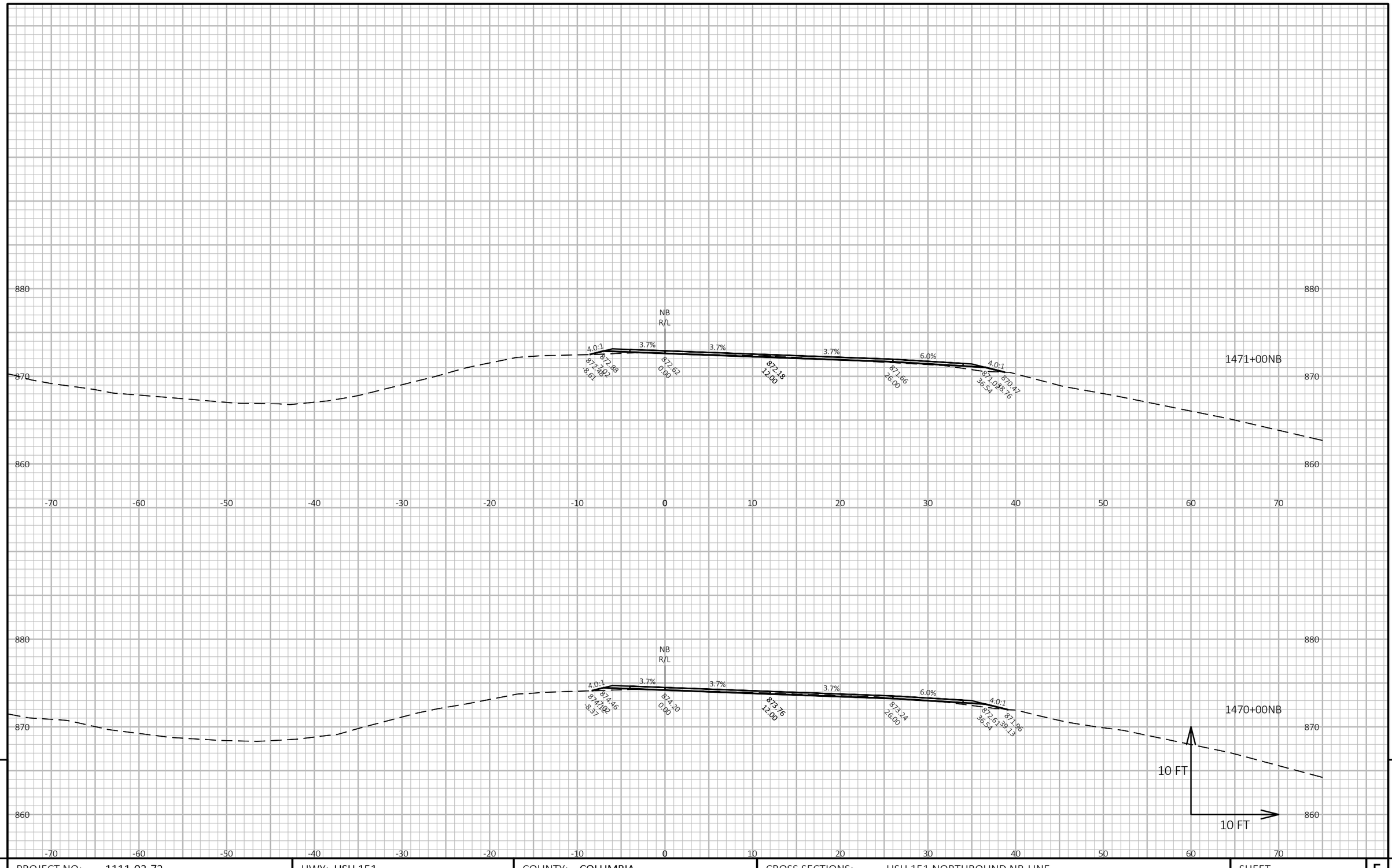
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PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 593	E

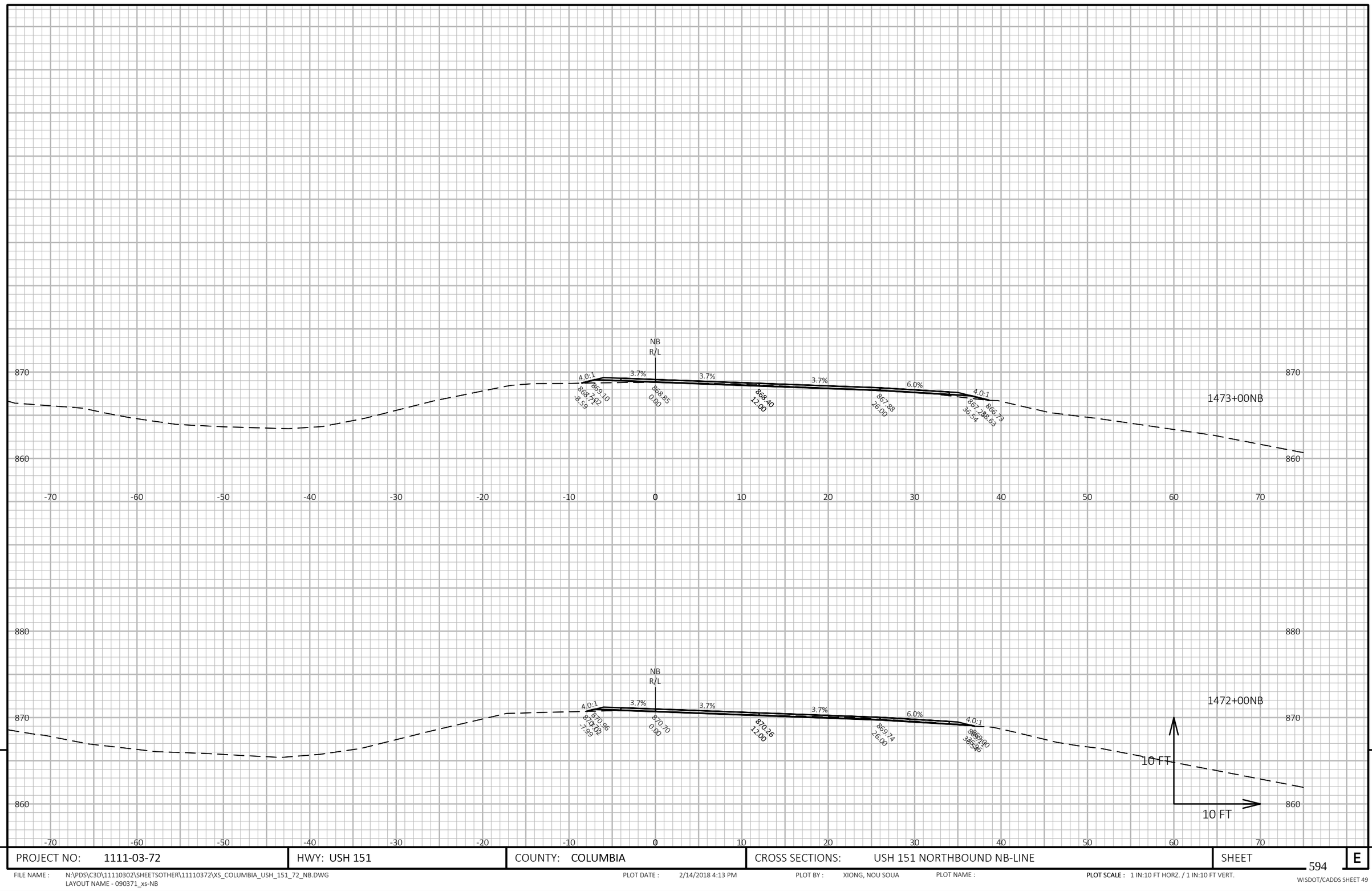
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LAYOUT NAME - 090370_xs-NB

PLOT DATE : 2/14/2018 4:12 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

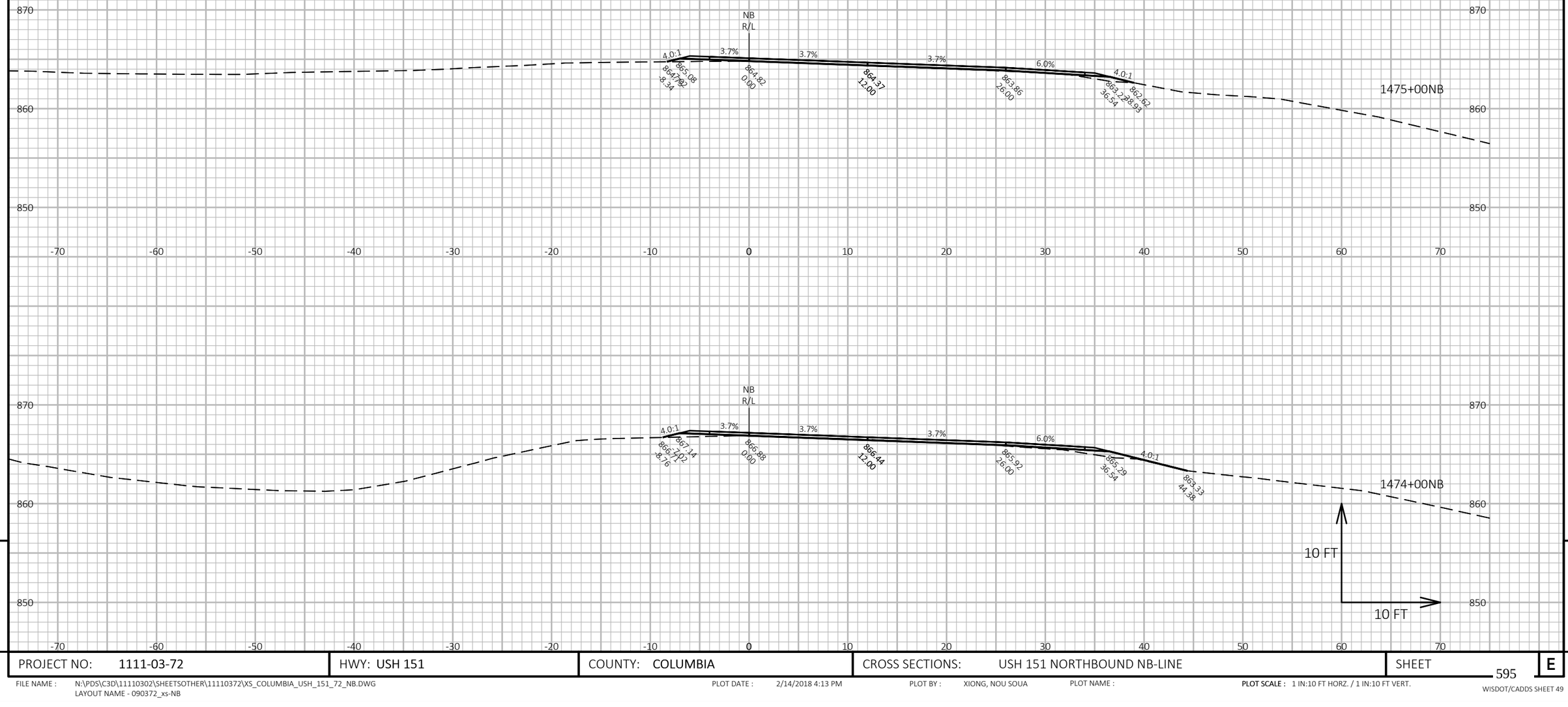


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 594 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090371_xs-NB

PLOT DATE : 2/14/2018 4:13 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 595	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
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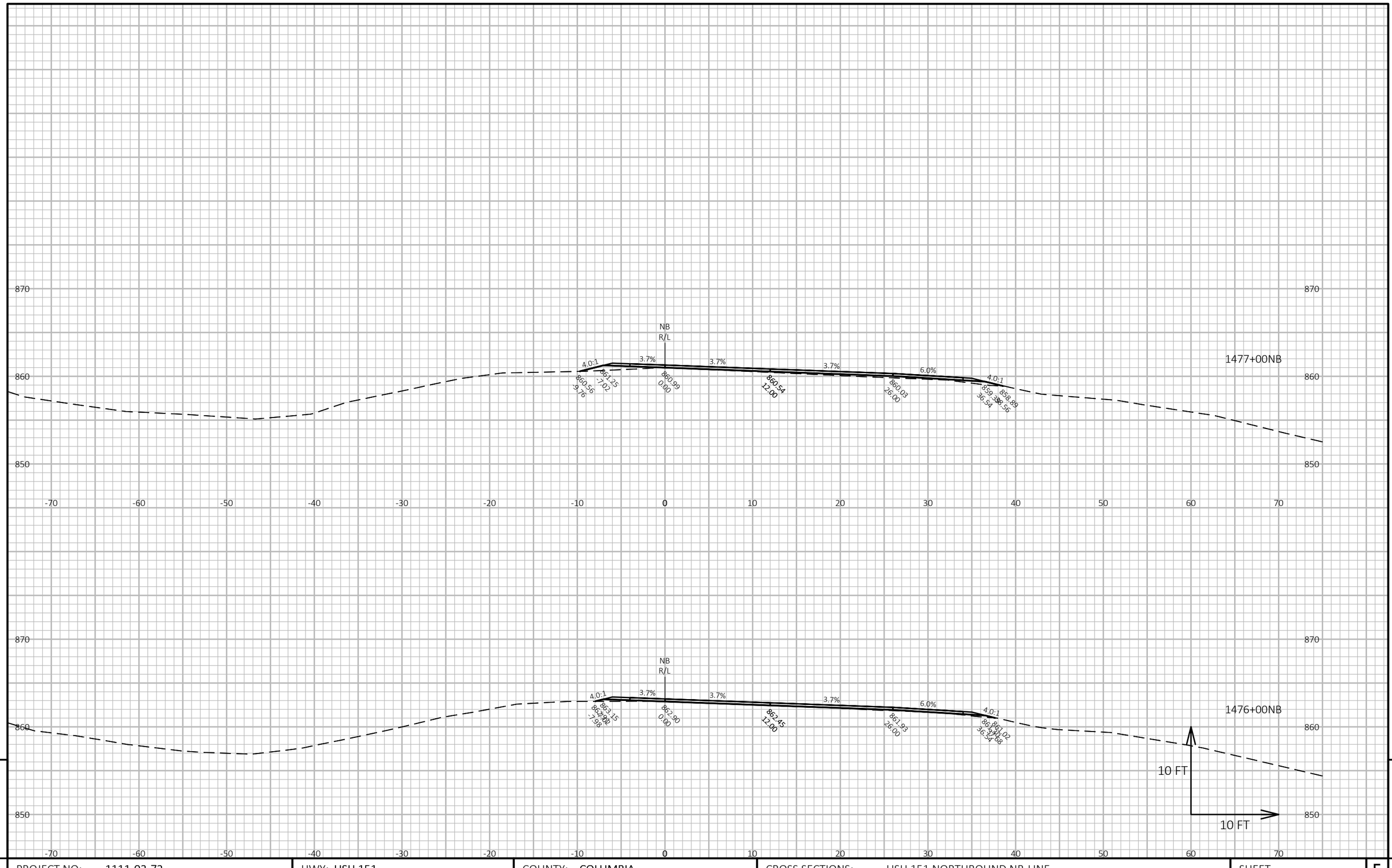
PLOT DATE : 2/14/2018 4:13 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

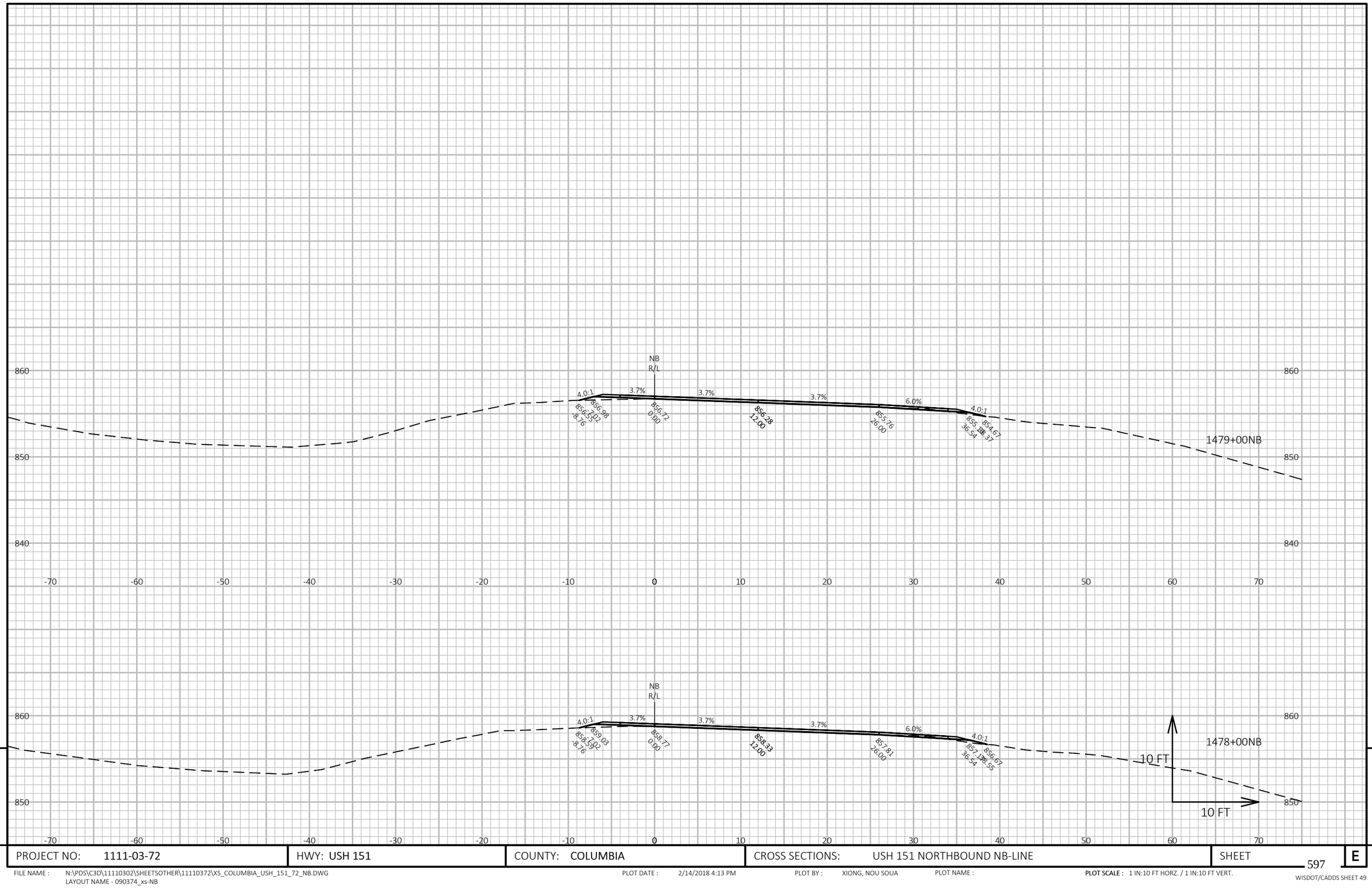


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 596 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090373_xs-NB

PLOT DATE : 2/14/2018 4:13 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

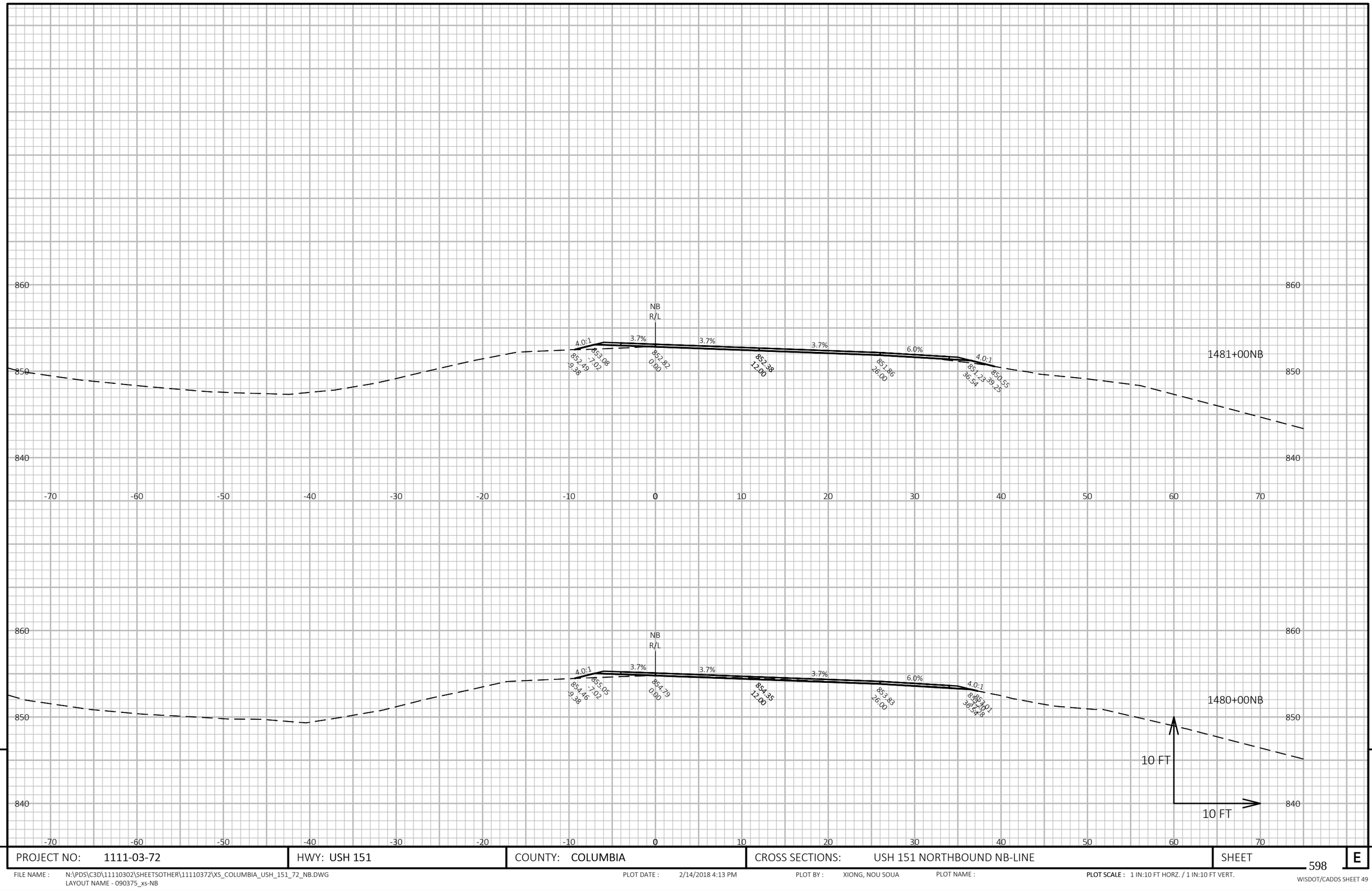


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 597 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090374_xs-NB

PLOT DATE : 2/14/2018 4:13 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 598	E

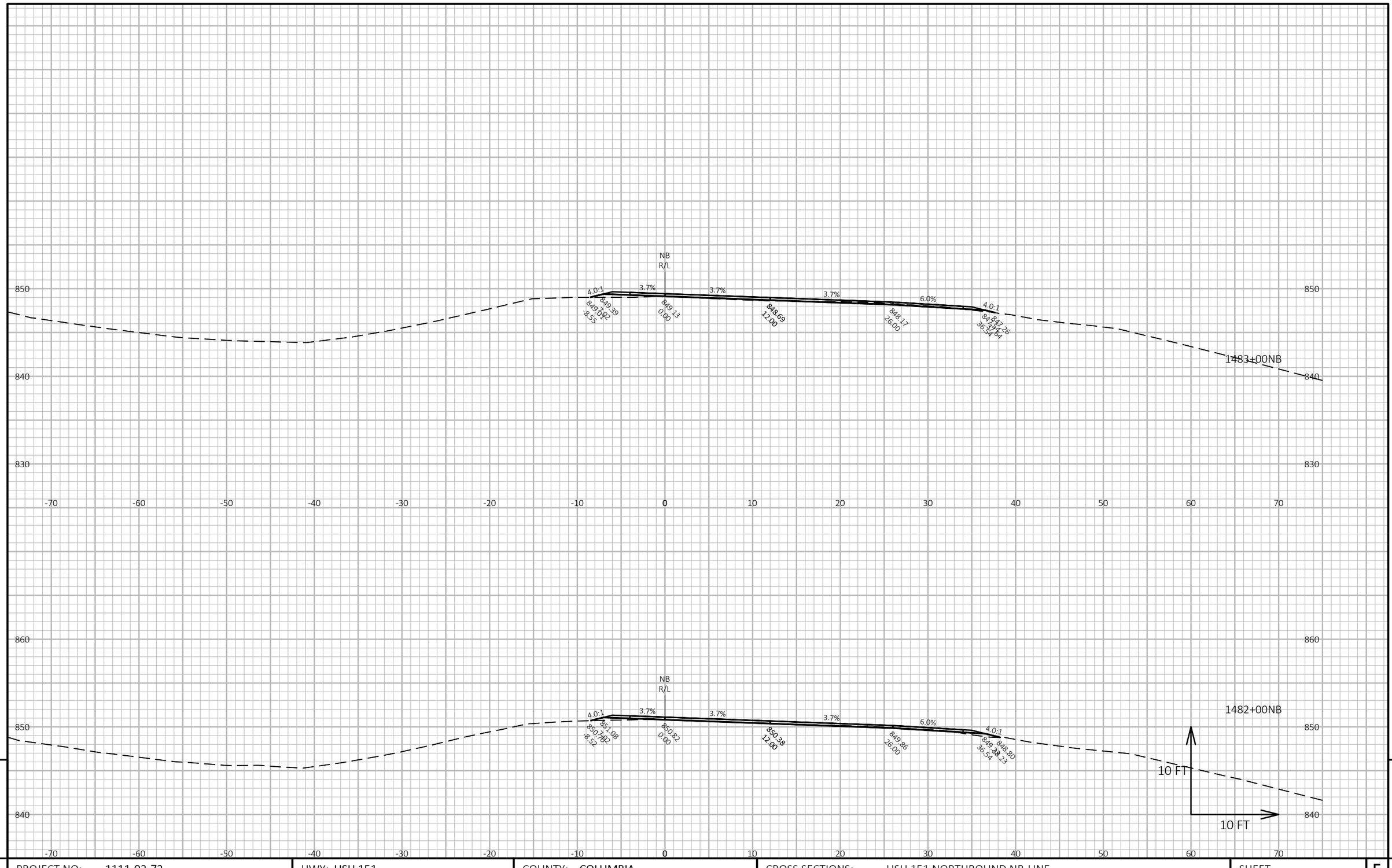
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LAYOUT NAME - 090375_xs-NB

PLOT DATE : 2/14/2018 4:13 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 599	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090376_xs-NB

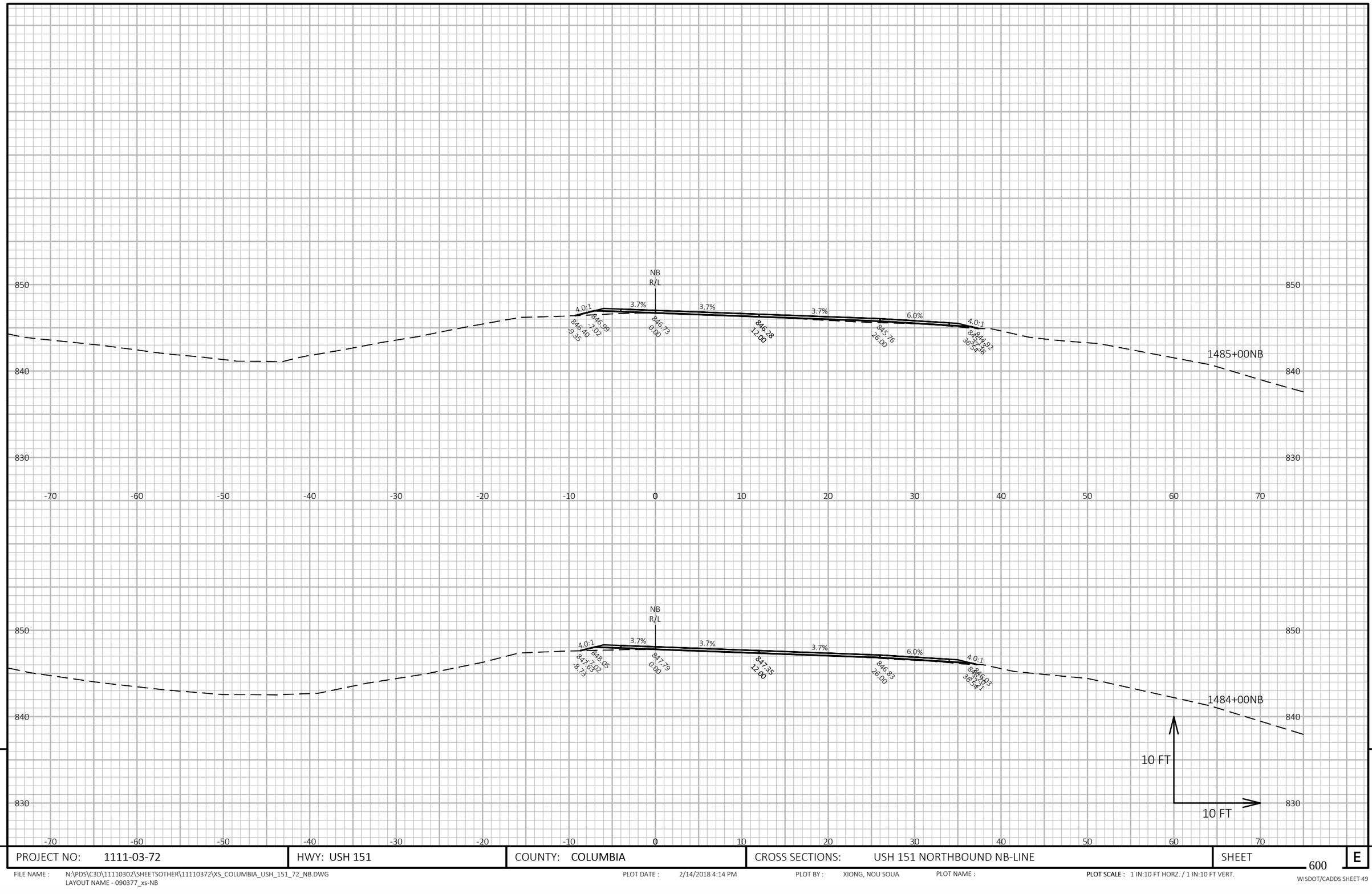
PLOT DATE : 2/14/2018 4:14 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 600	E

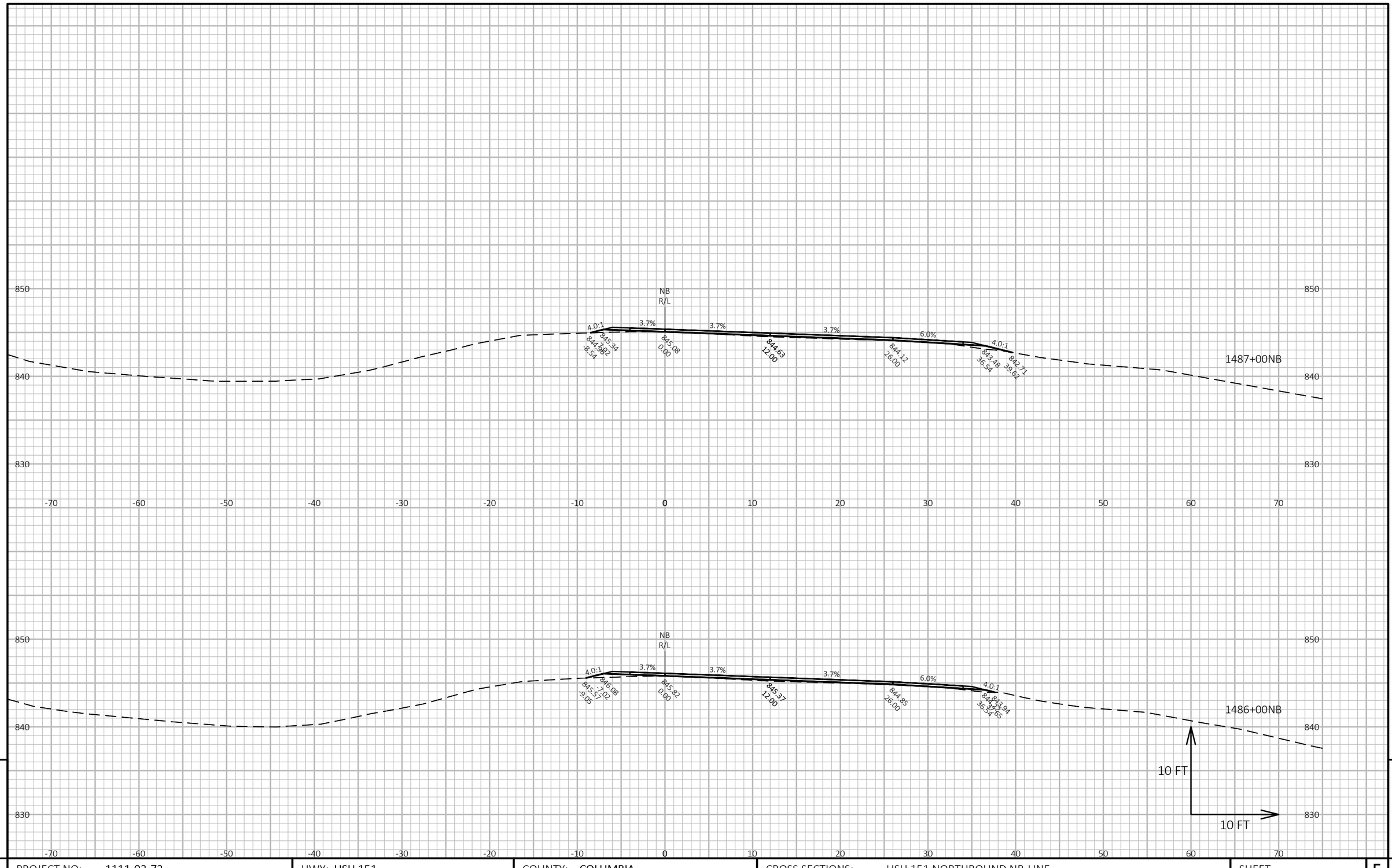
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LAYOUT NAME - 090377_xs-NB

PLOT DATE : 2/14/2018 4:14 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 601	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090378_xs-NB

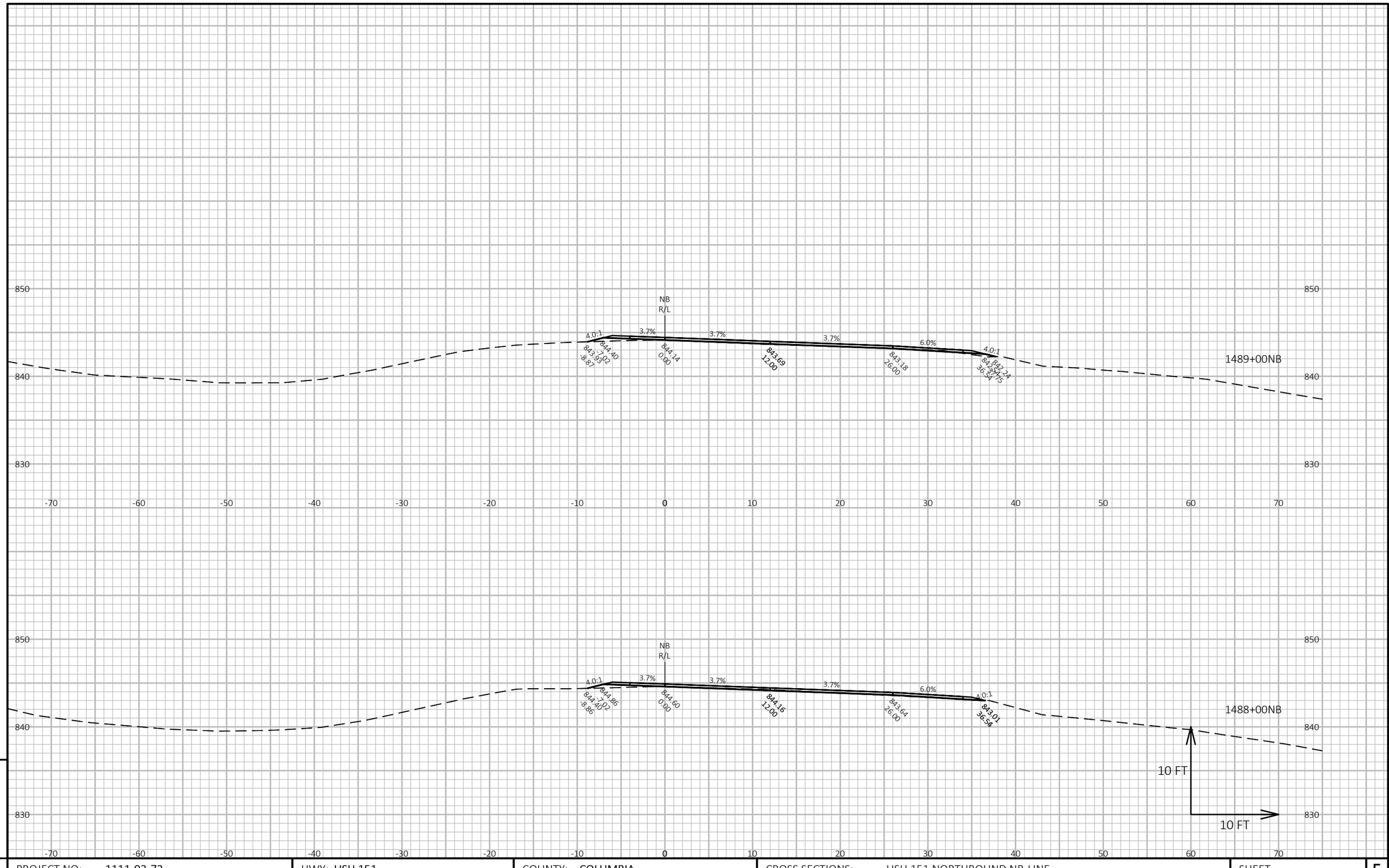
PLOT DATE : 2/14/2018 4:14 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



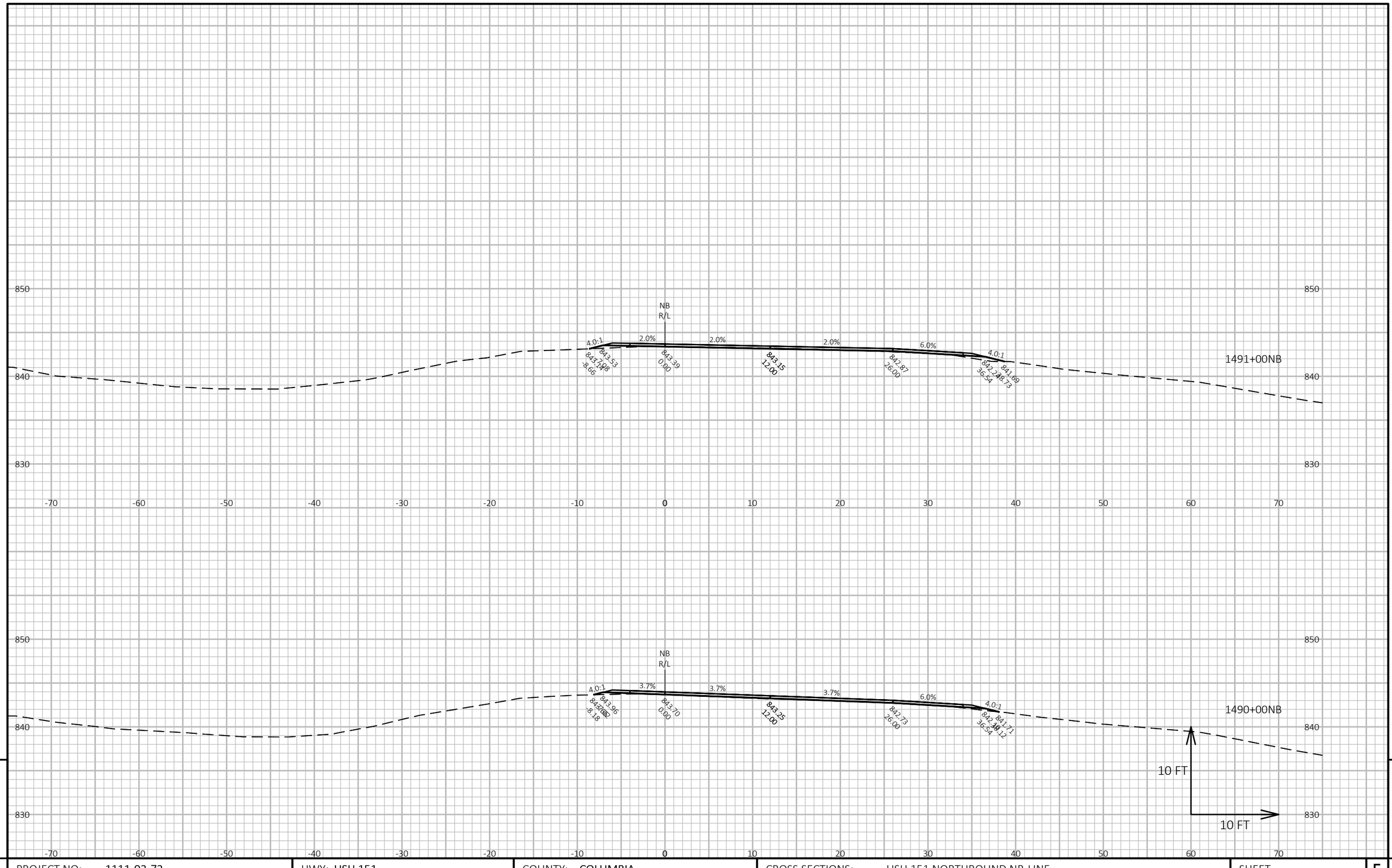
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 602	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090379_xs-NB

PLOT DATE : 2/14/2018 4:14 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 603	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090380_xs-NB

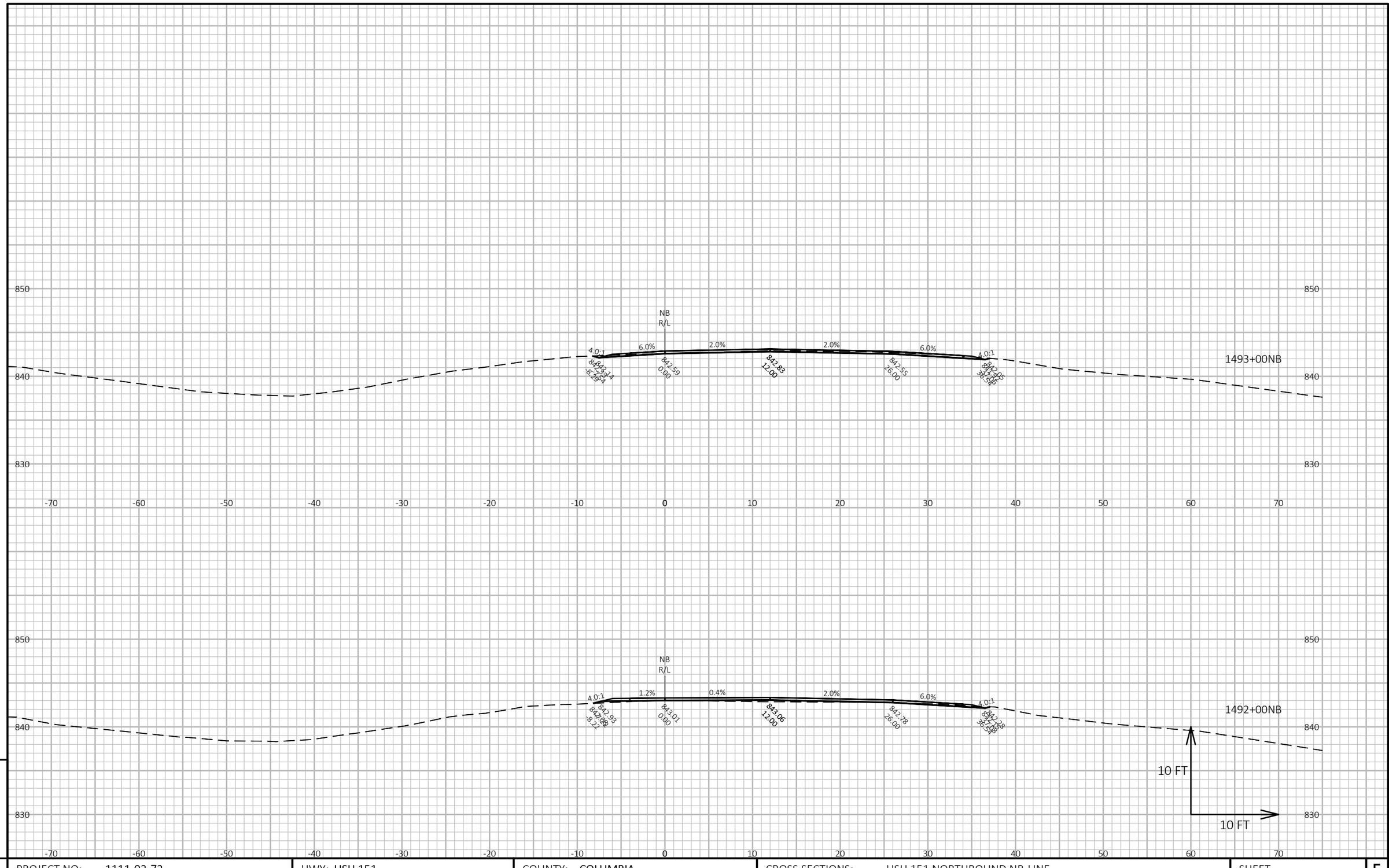
PLOT DATE : 2/14/2018 4:14 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 604	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090381_xs-NB

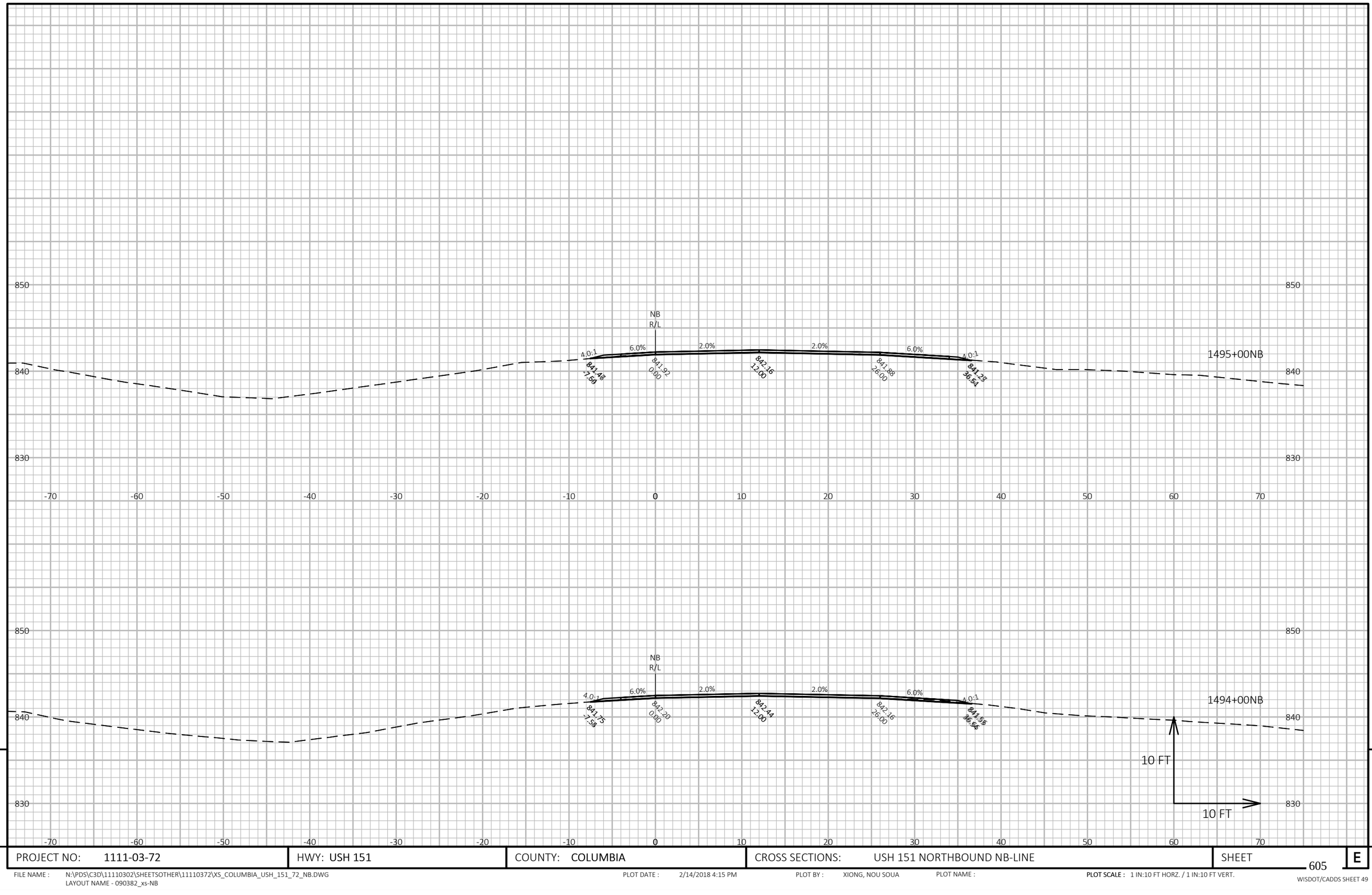
PLOT DATE : 2/14/2018 4:14 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



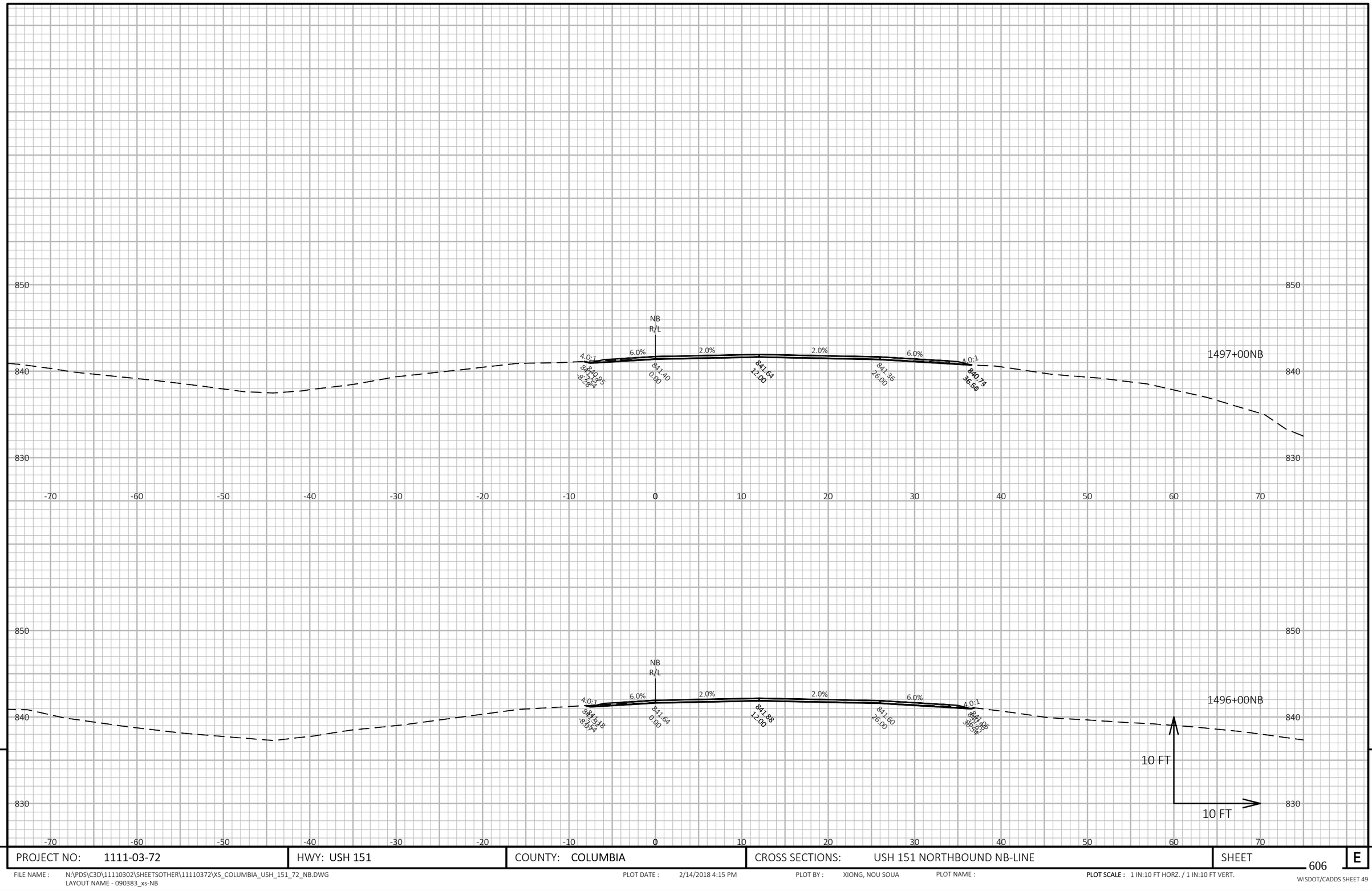
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 605	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090382_xs-NB

PLOT DATE : 2/14/2018 4:15 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 606	E

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LAYOUT NAME - 090383_xs-NB

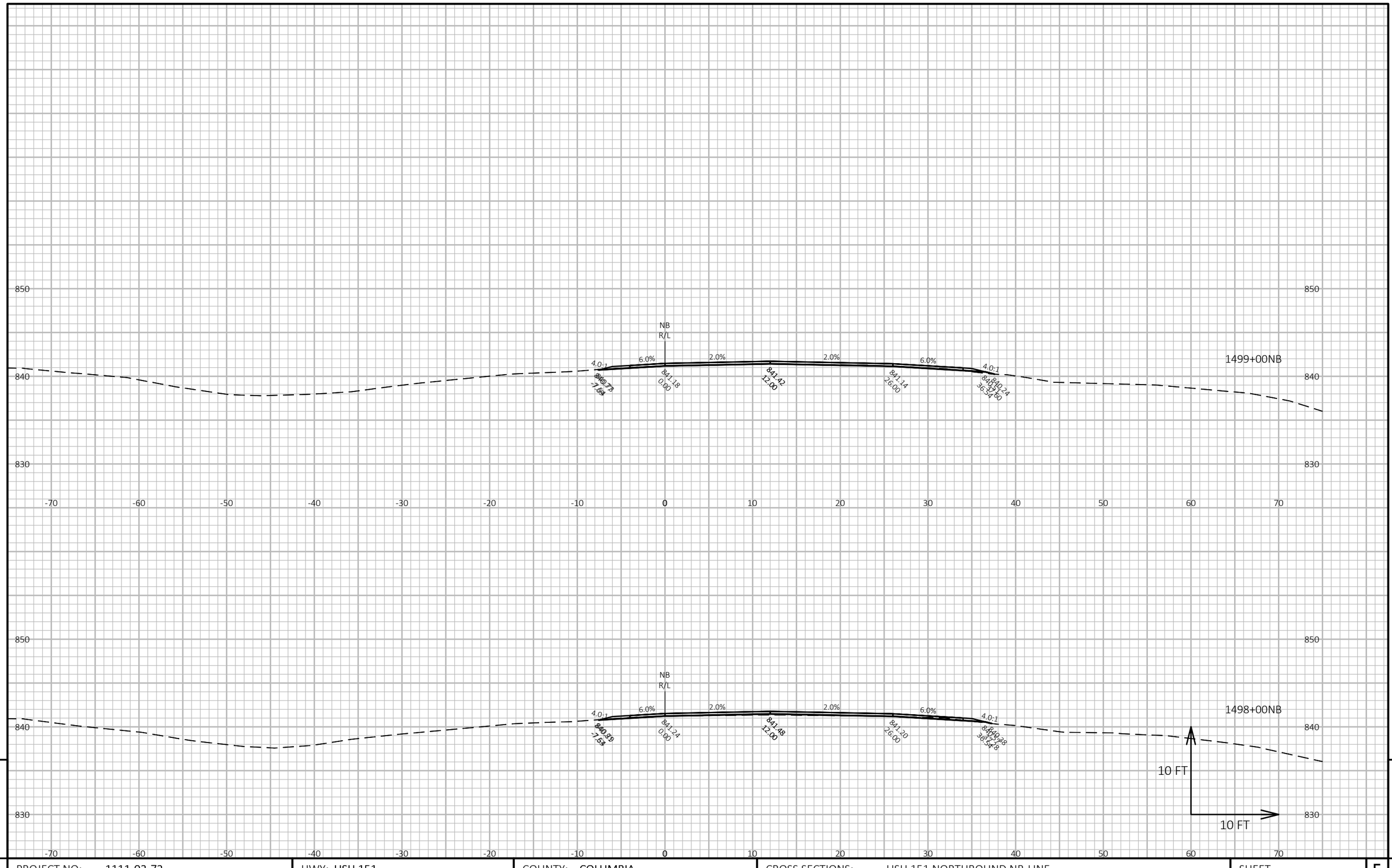
PLOT DATE : 2/14/2018 4:15 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

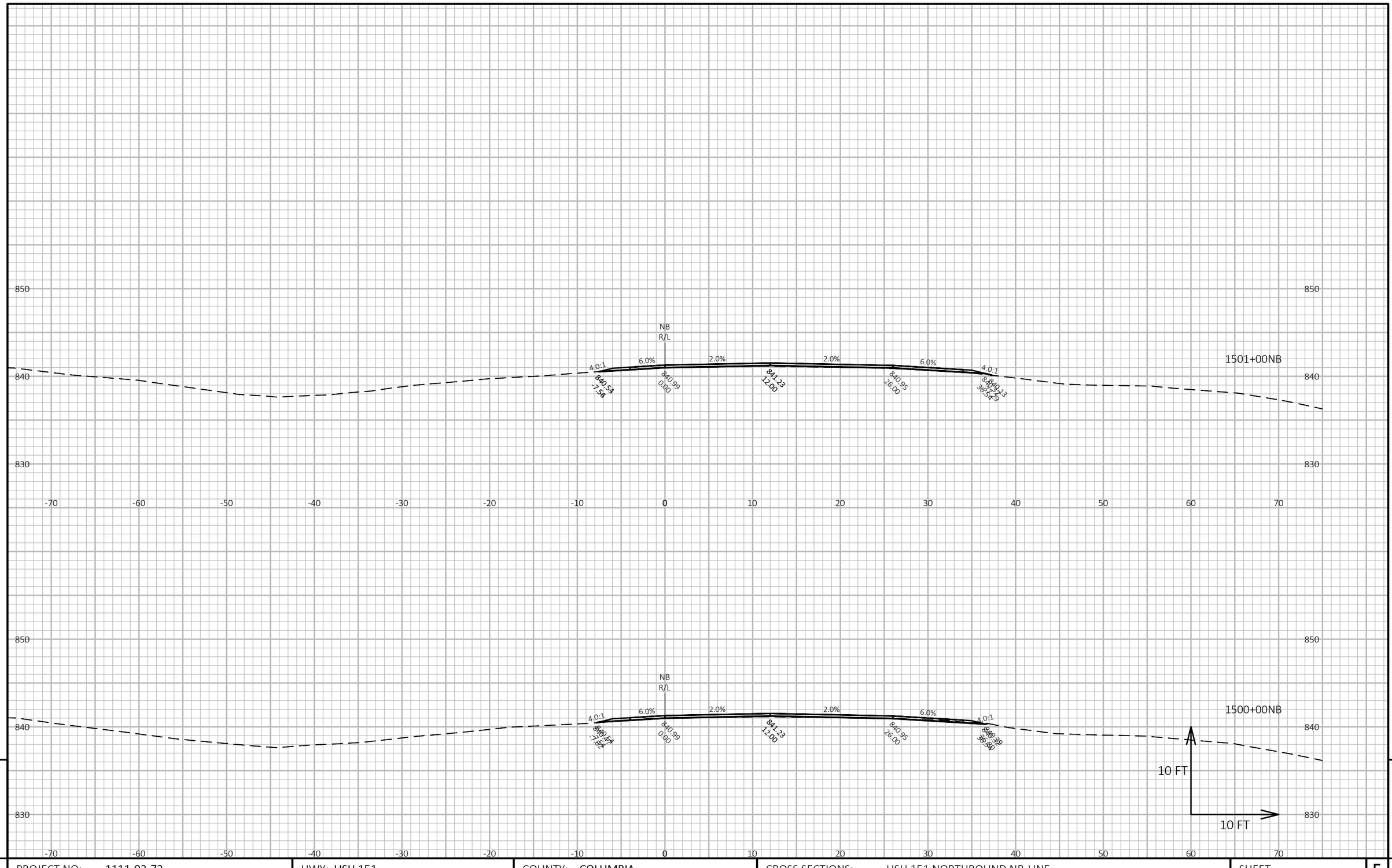


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 607 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090384_xs-NB

PLOT DATE : 2/14/2018 4:15 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 608	E

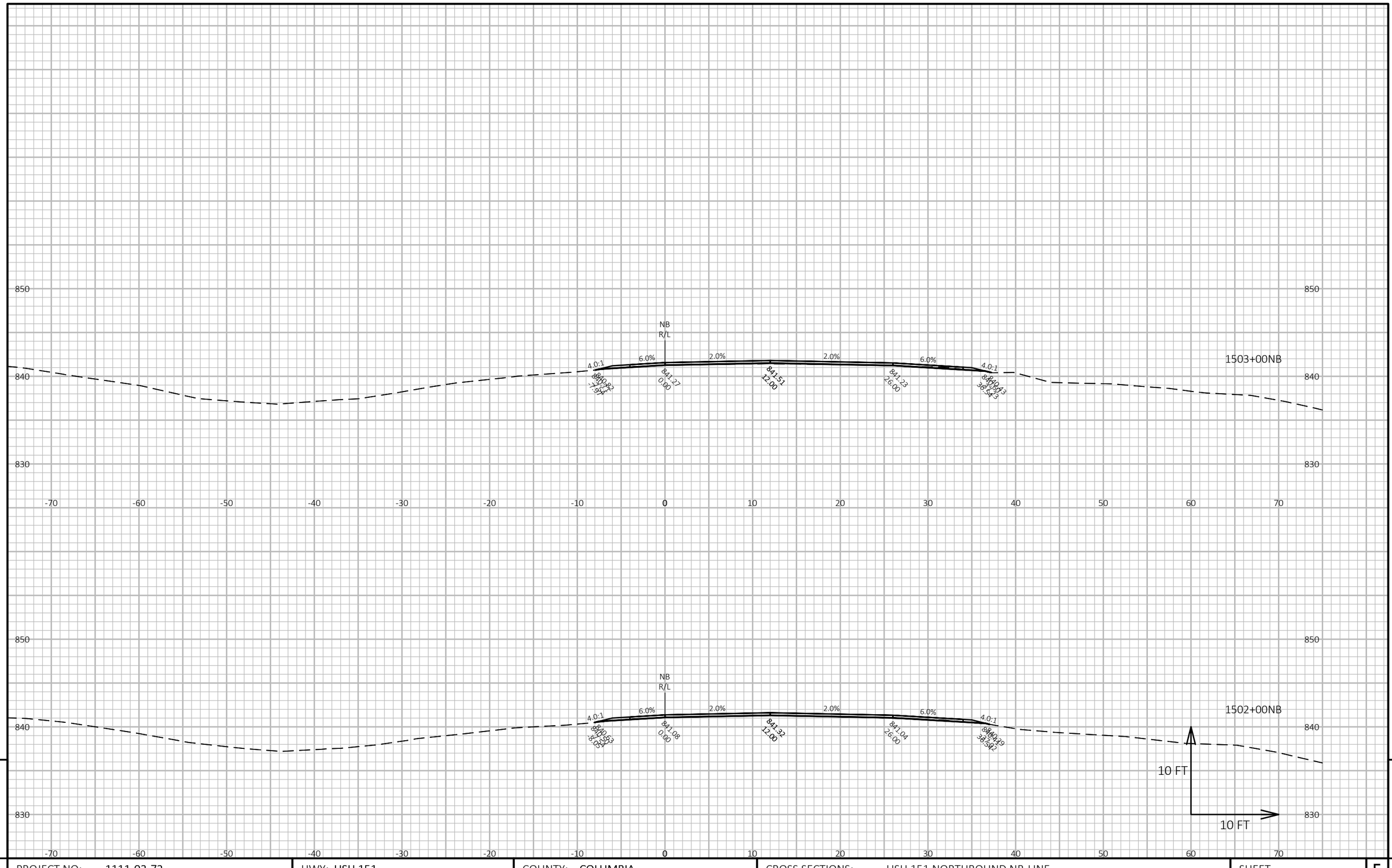
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LAYOUT NAME - 090385_xs-NB

PLOT DATE : 2/14/2018 4:15 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

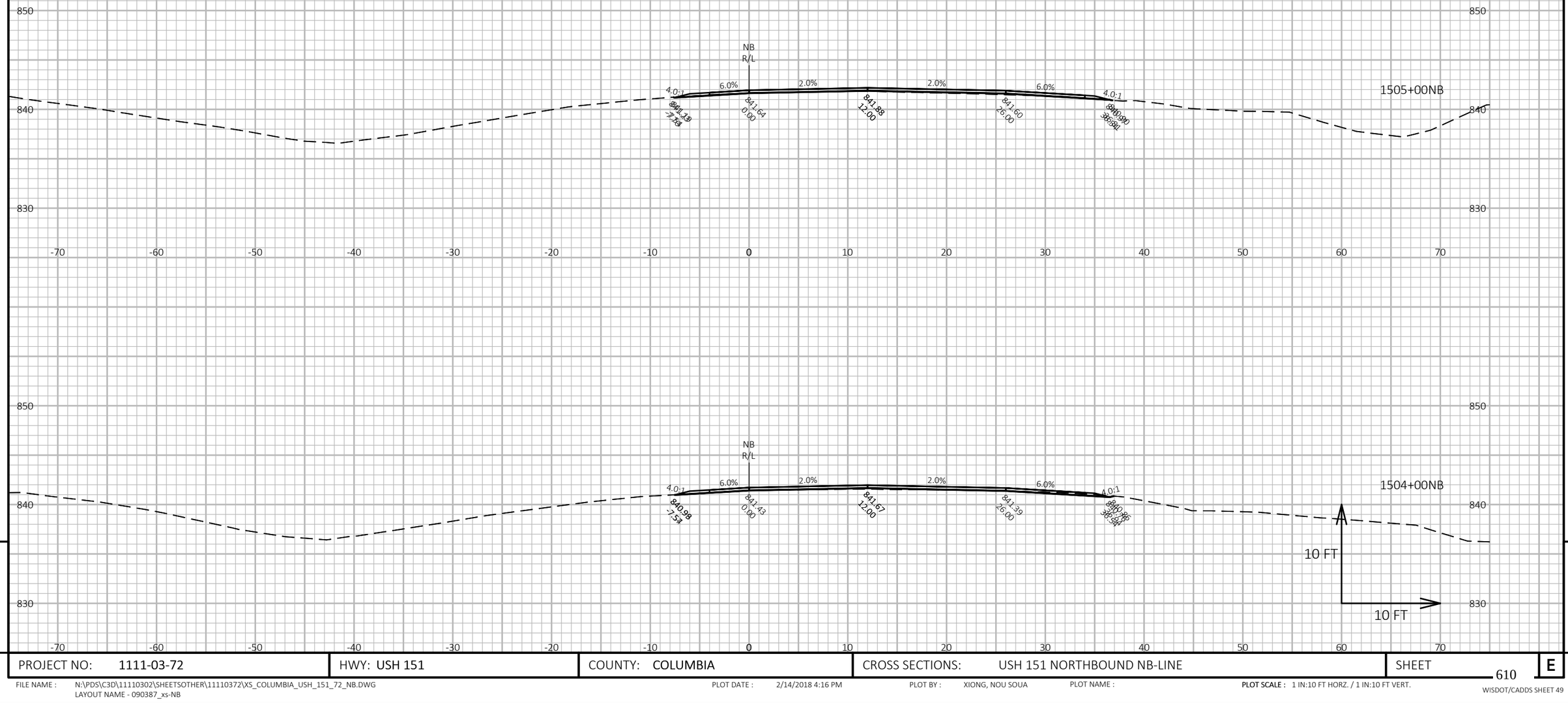


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 609 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090386_xs-NB

PLOT DATE : 2/14/2018 4:15 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



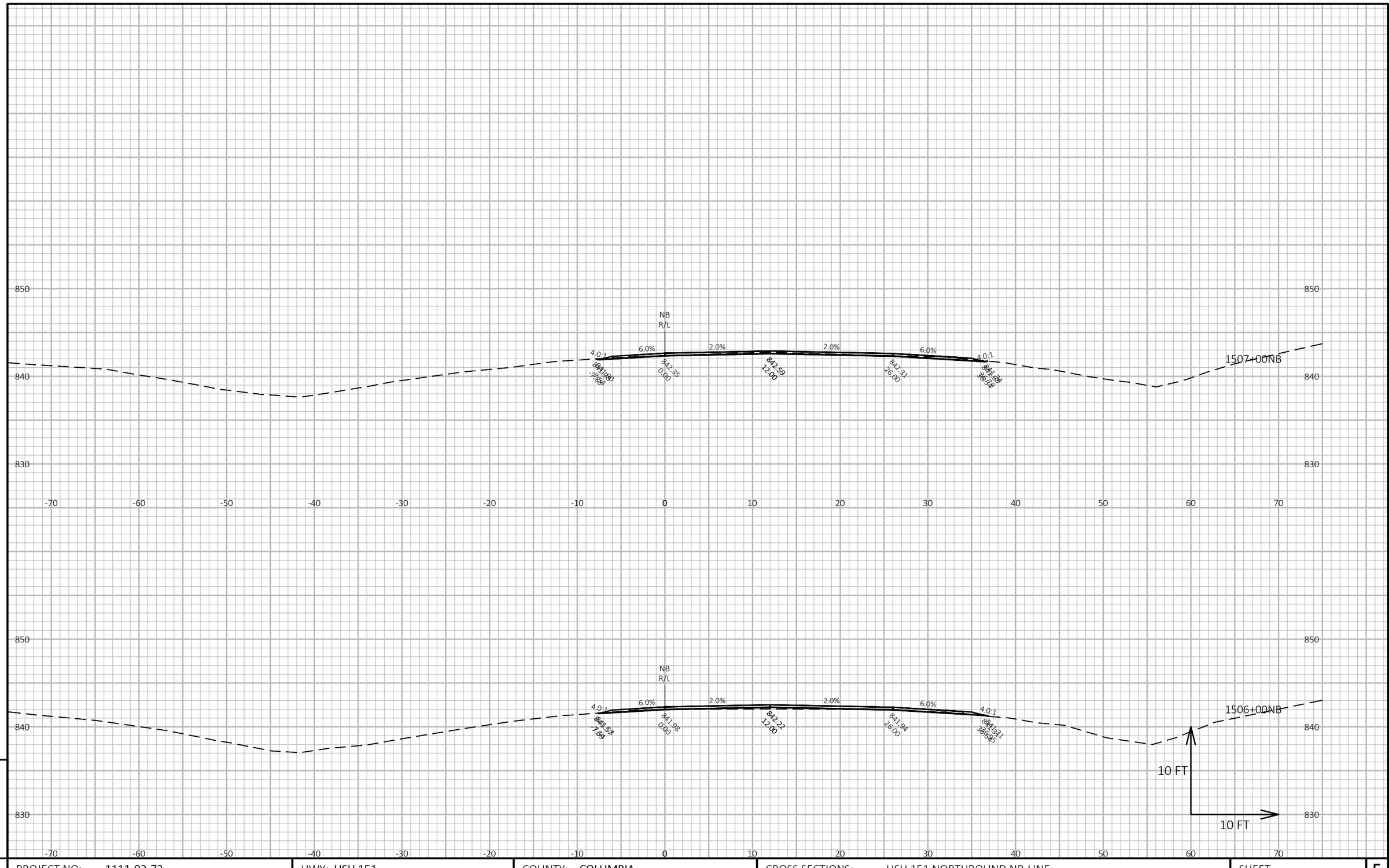
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FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090387_xs-NB

PLOT DATE : 2/14/2018 4:16 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 611	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090388_xs-NB

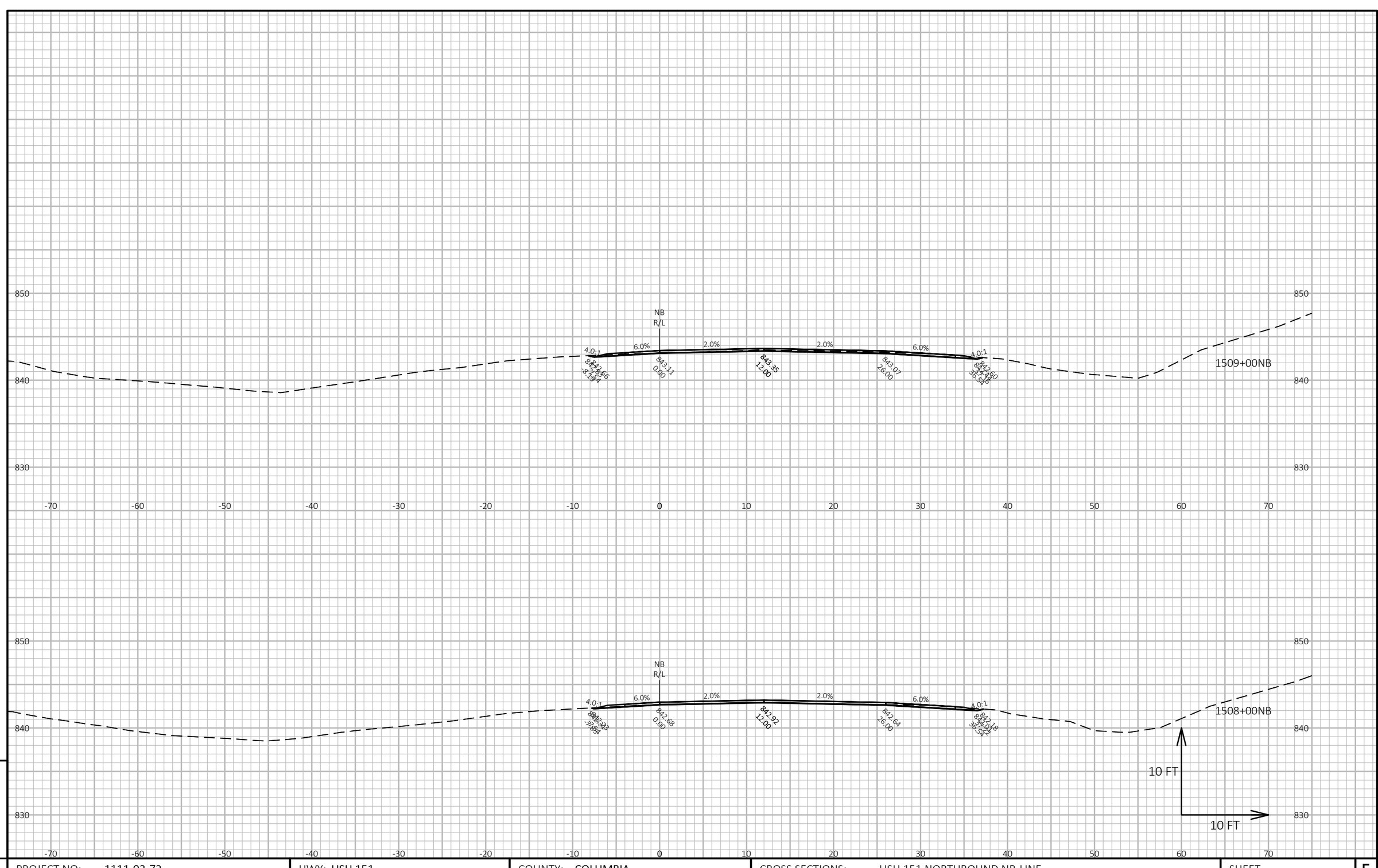
PLOT DATE : 2/14/2018 4:16 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

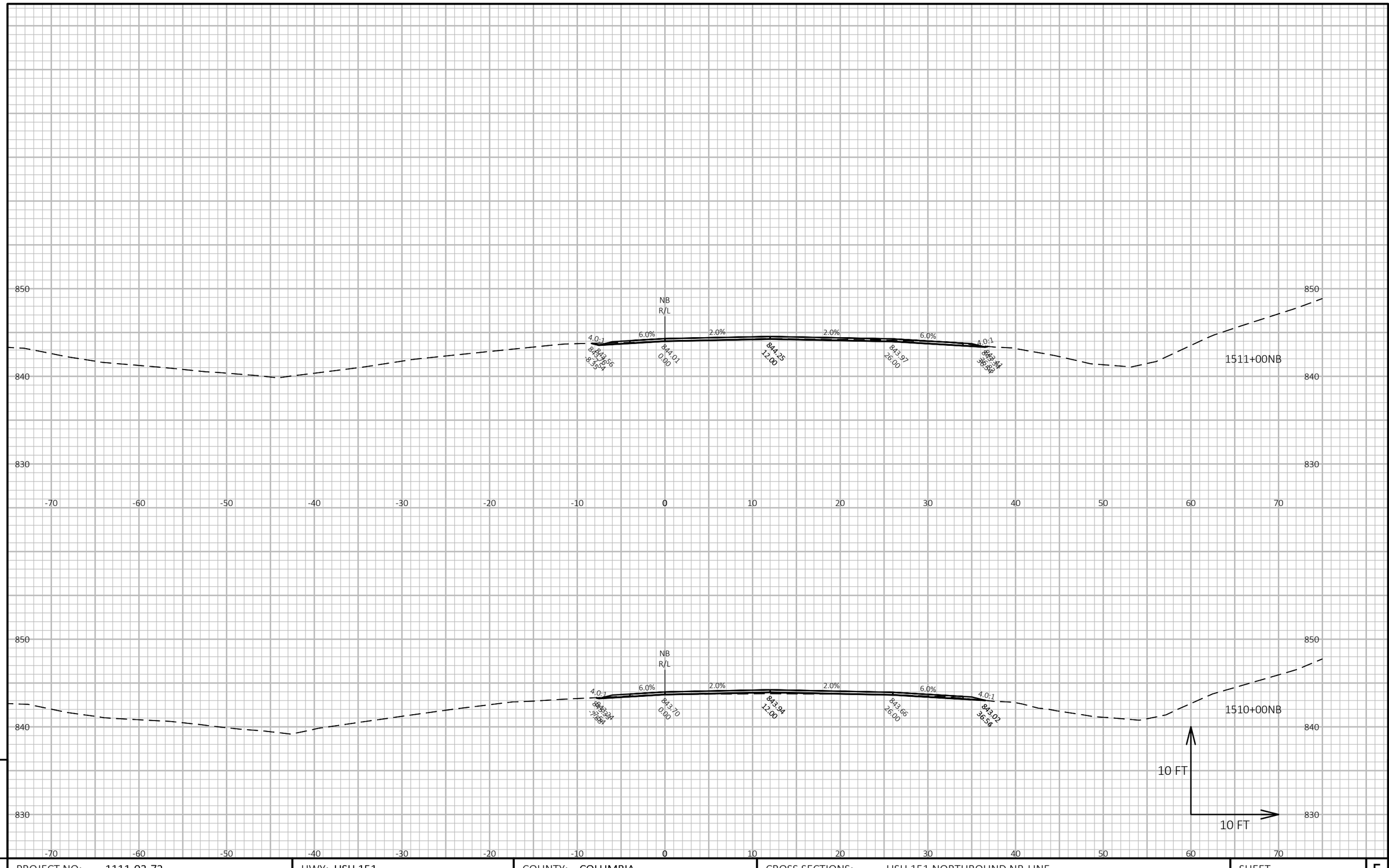


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 612

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090389_xs-NB

PLOT DATE : 2/14/2018 4:16 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 613	E

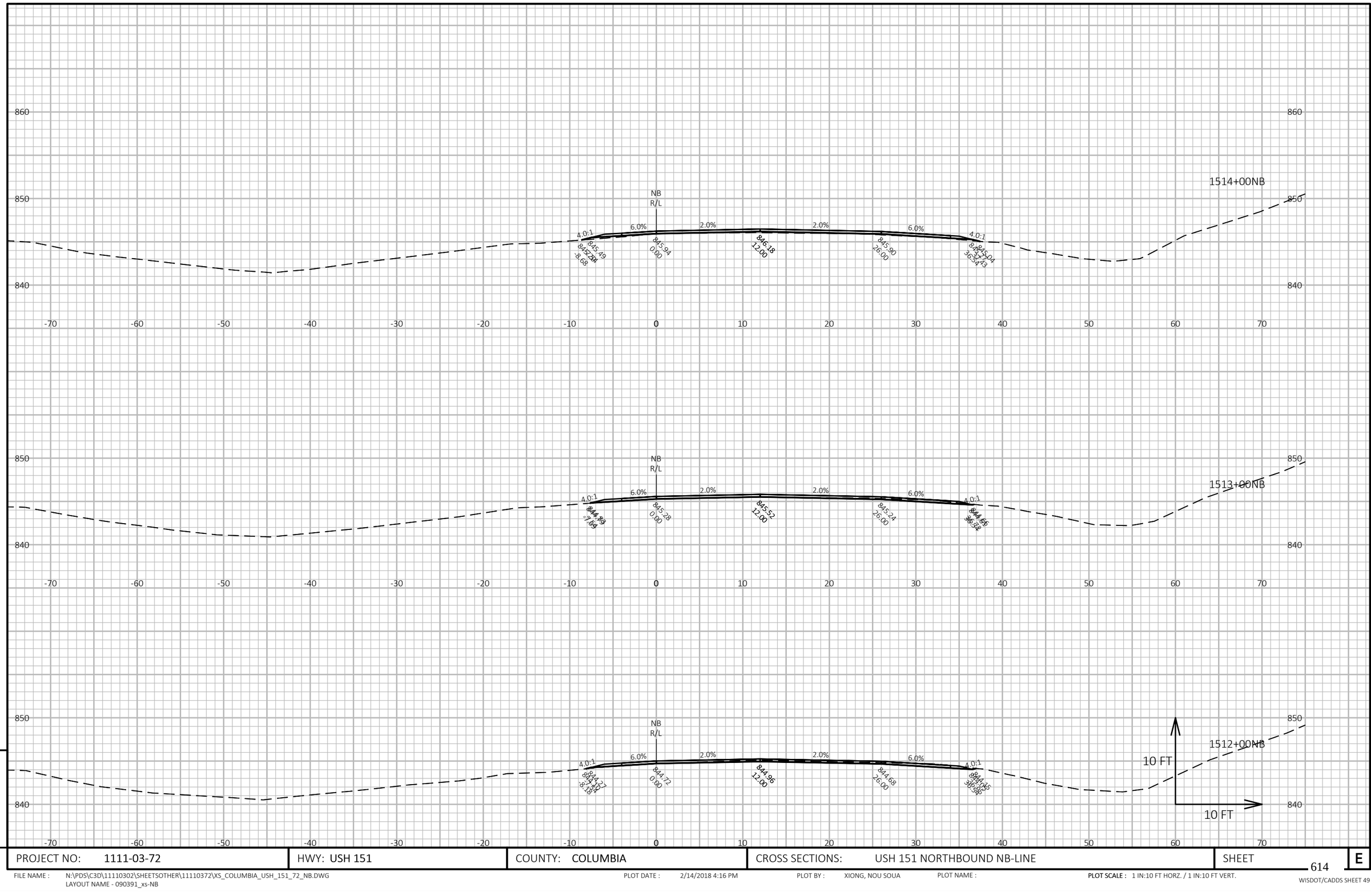
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LAYOUT NAME - 090390_xs-NB

PLOT DATE : 2/14/2018 4:16 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

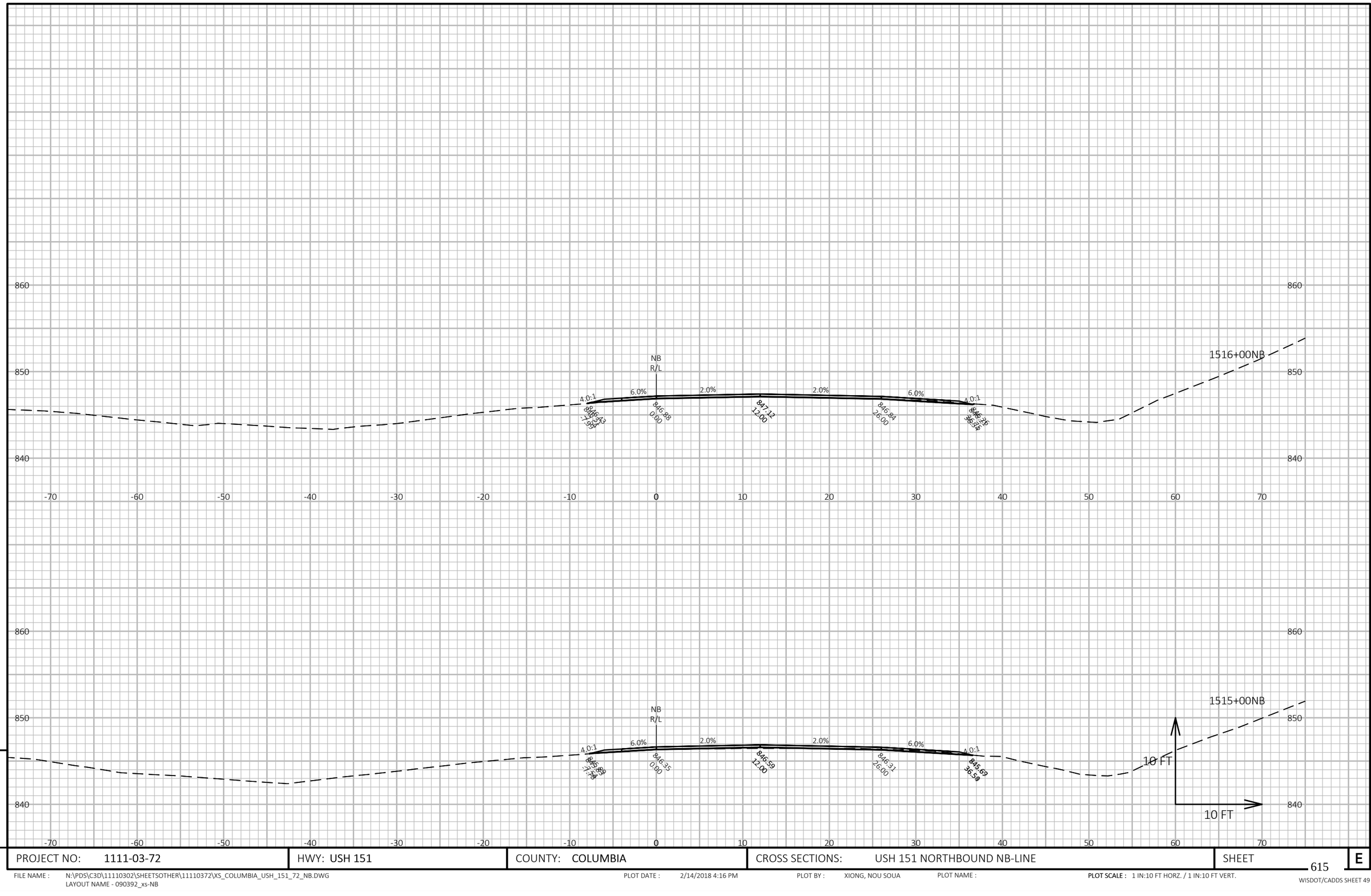


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 614	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090391_xs-NB

PLOT DATE : 2/14/2018 4:16 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 615	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090392_xs-NB

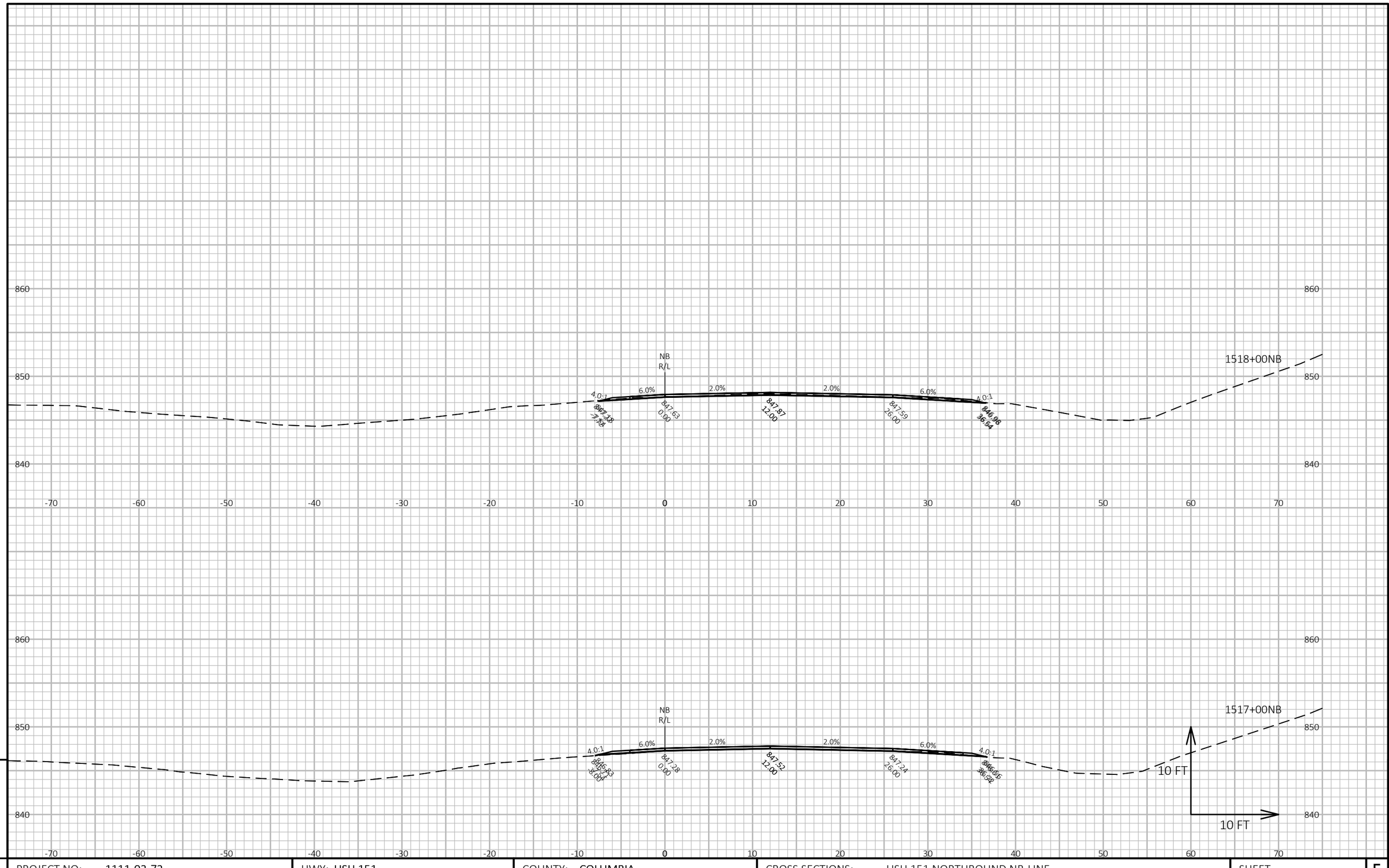
PLOT DATE : 2/14/2018 4:16 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 616	E

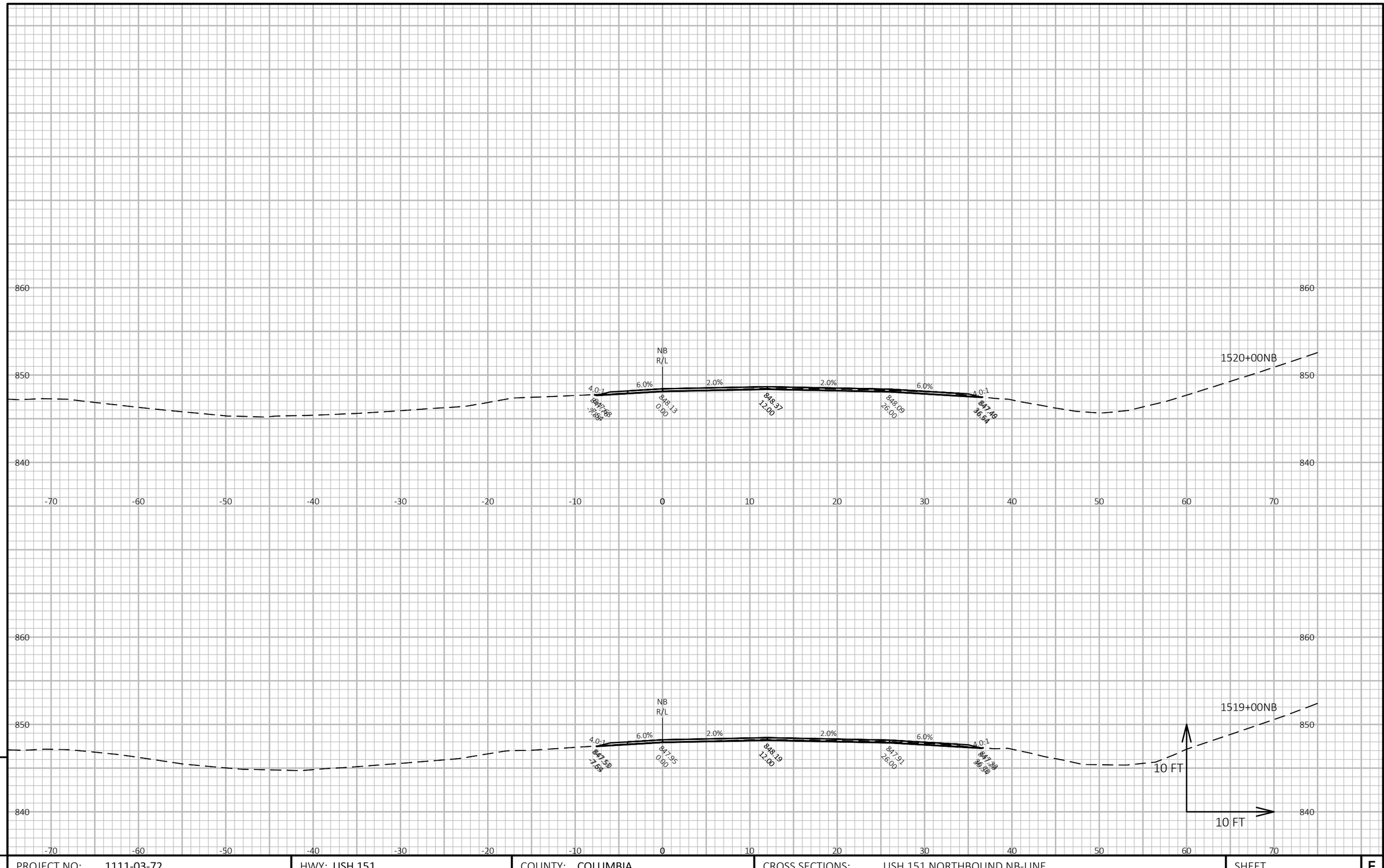
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LAYOUT NAME - 090393_xs-NB

PLOT DATE : 2/14/2018 4:17 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 617	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090394_xs-NB

PLOT DATE : 2/14/2018 4:17 PM

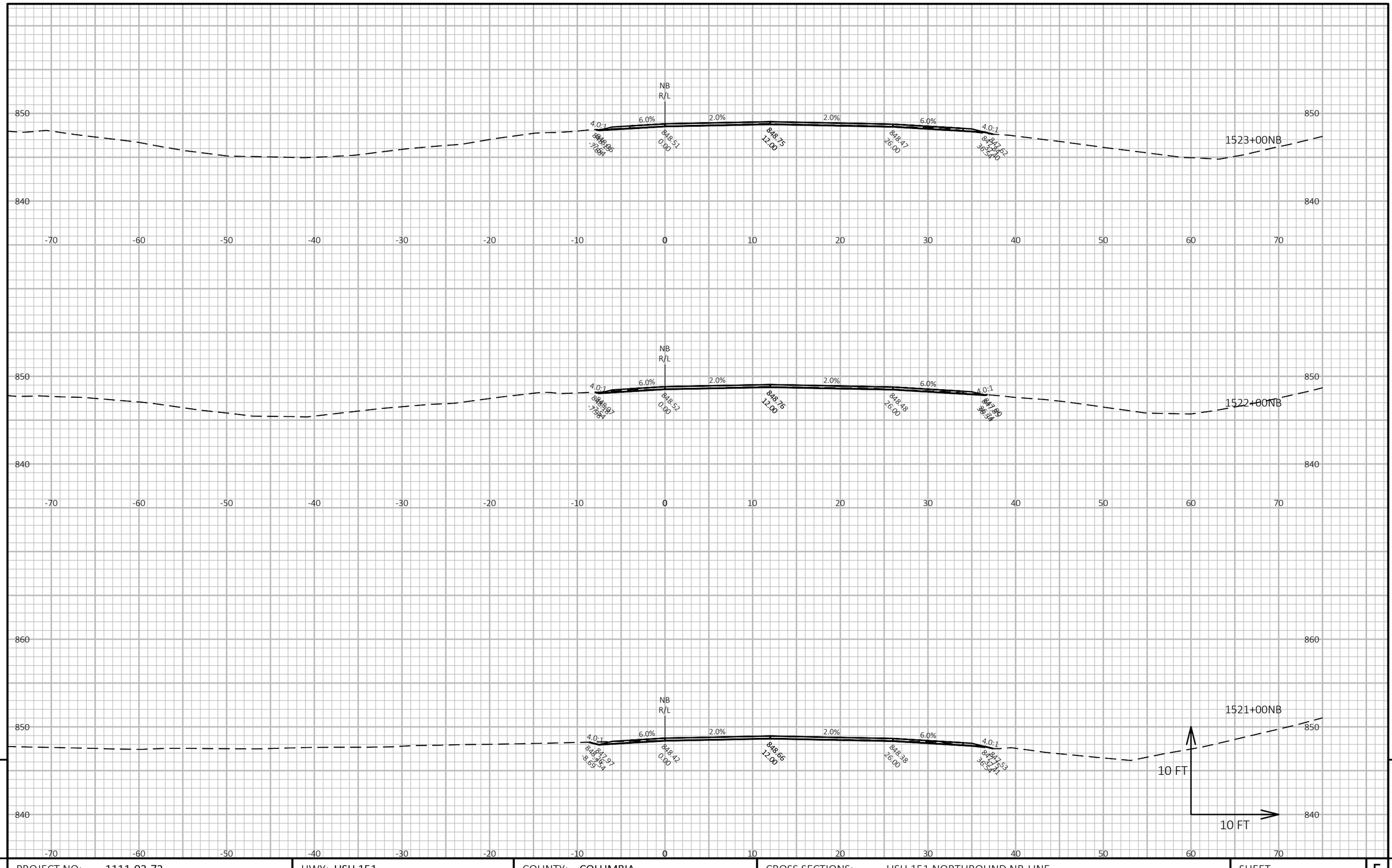
PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 618	E

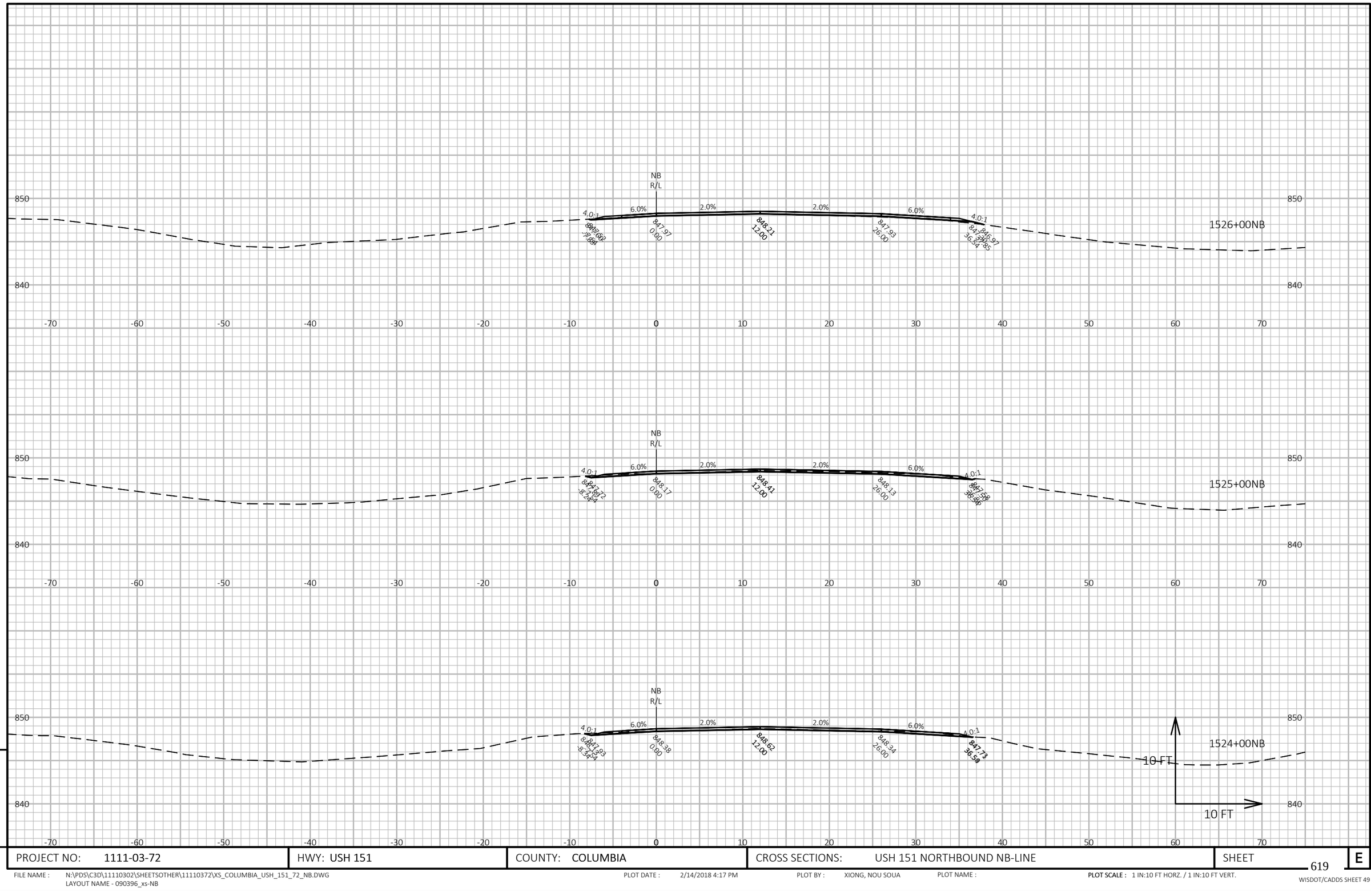
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LAYOUT NAME - 090395_xs-NB

PLOT DATE : 2/14/2018 4:17 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



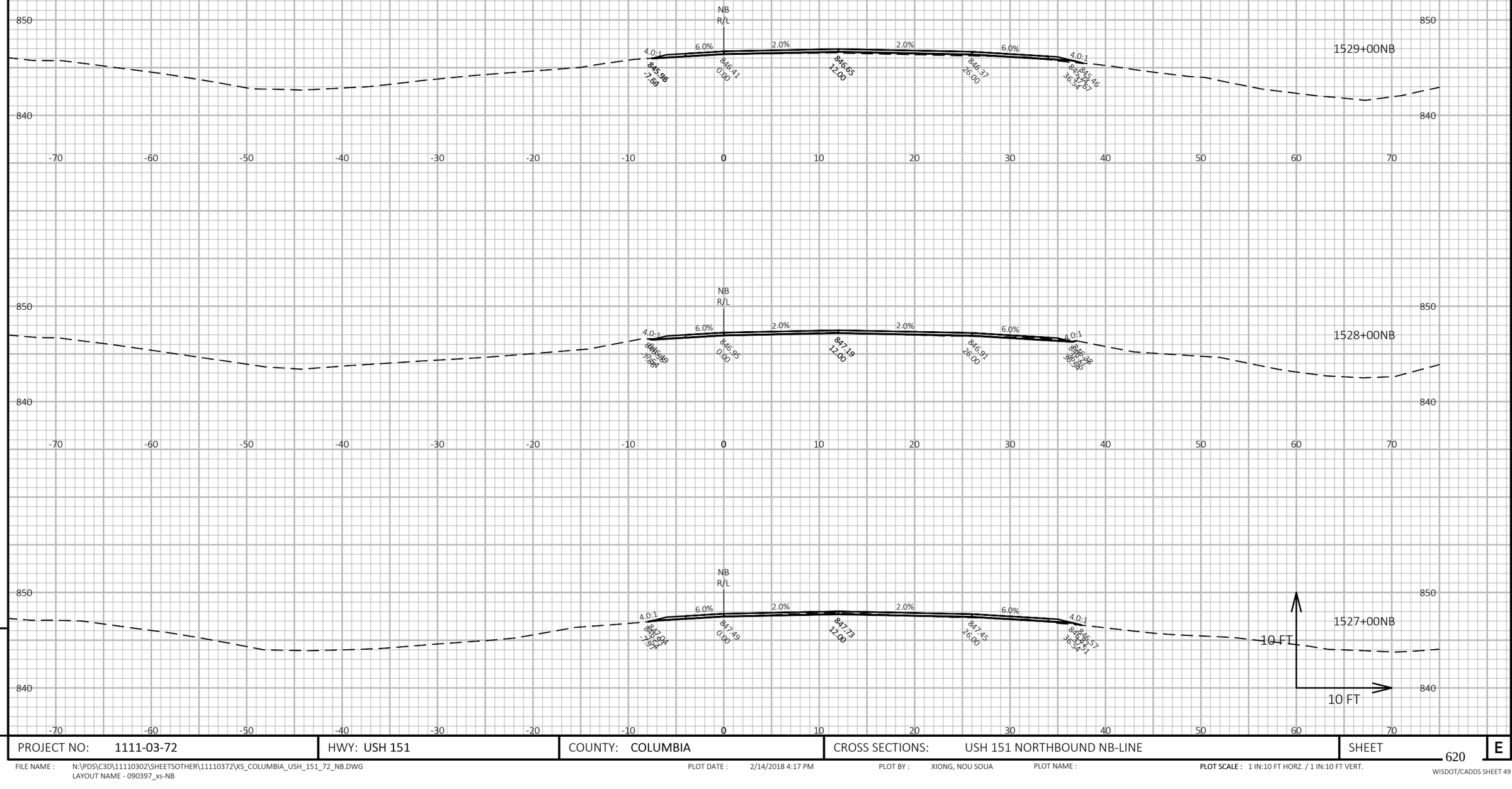
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 619	E

9

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090396_xs-NB

PLOT DATE : 2/14/2018 4:17 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 620	E

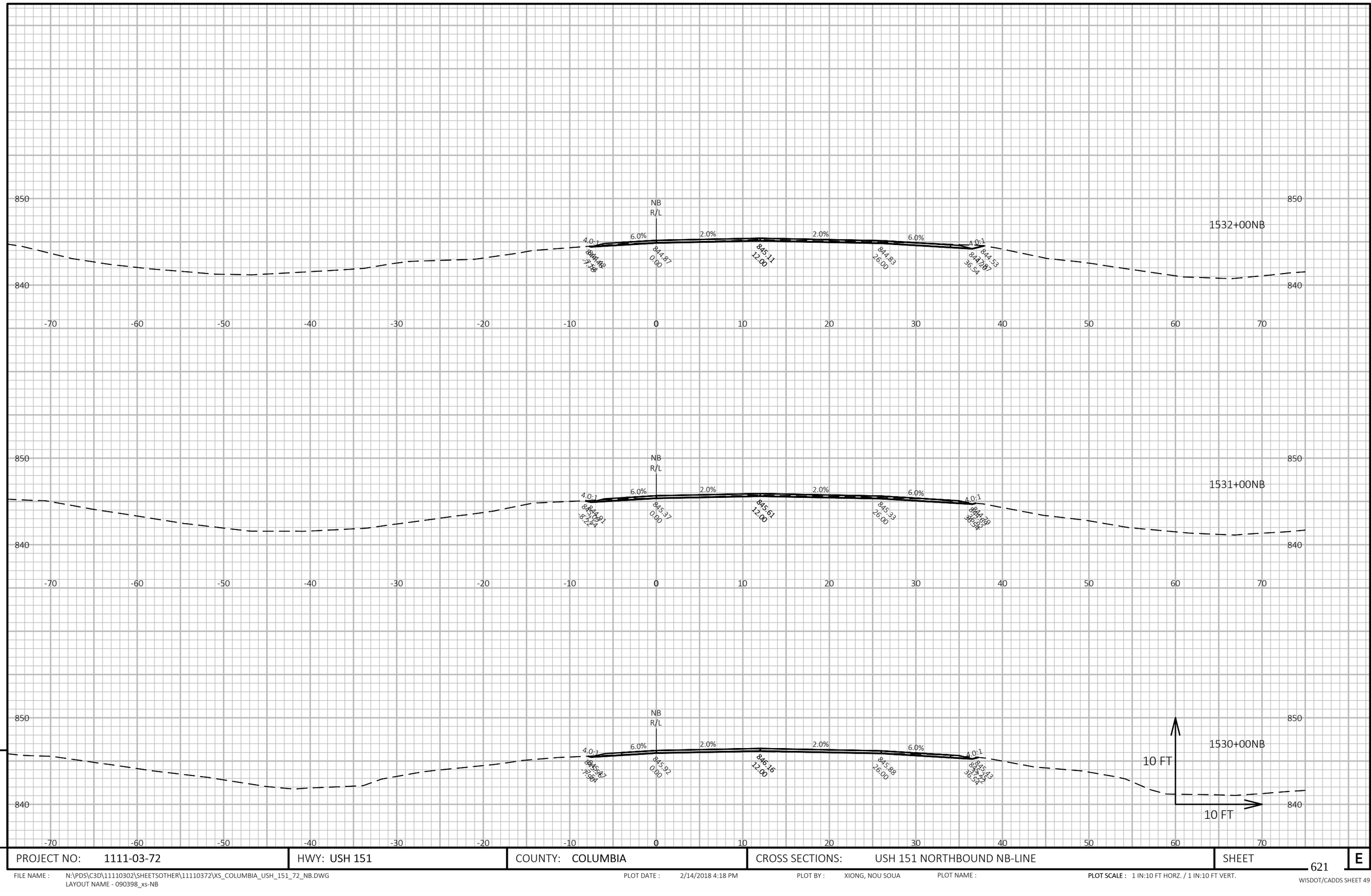
FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090397_xs-NB

PLOT DATE : 2/14/2018 4:17 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 621	E

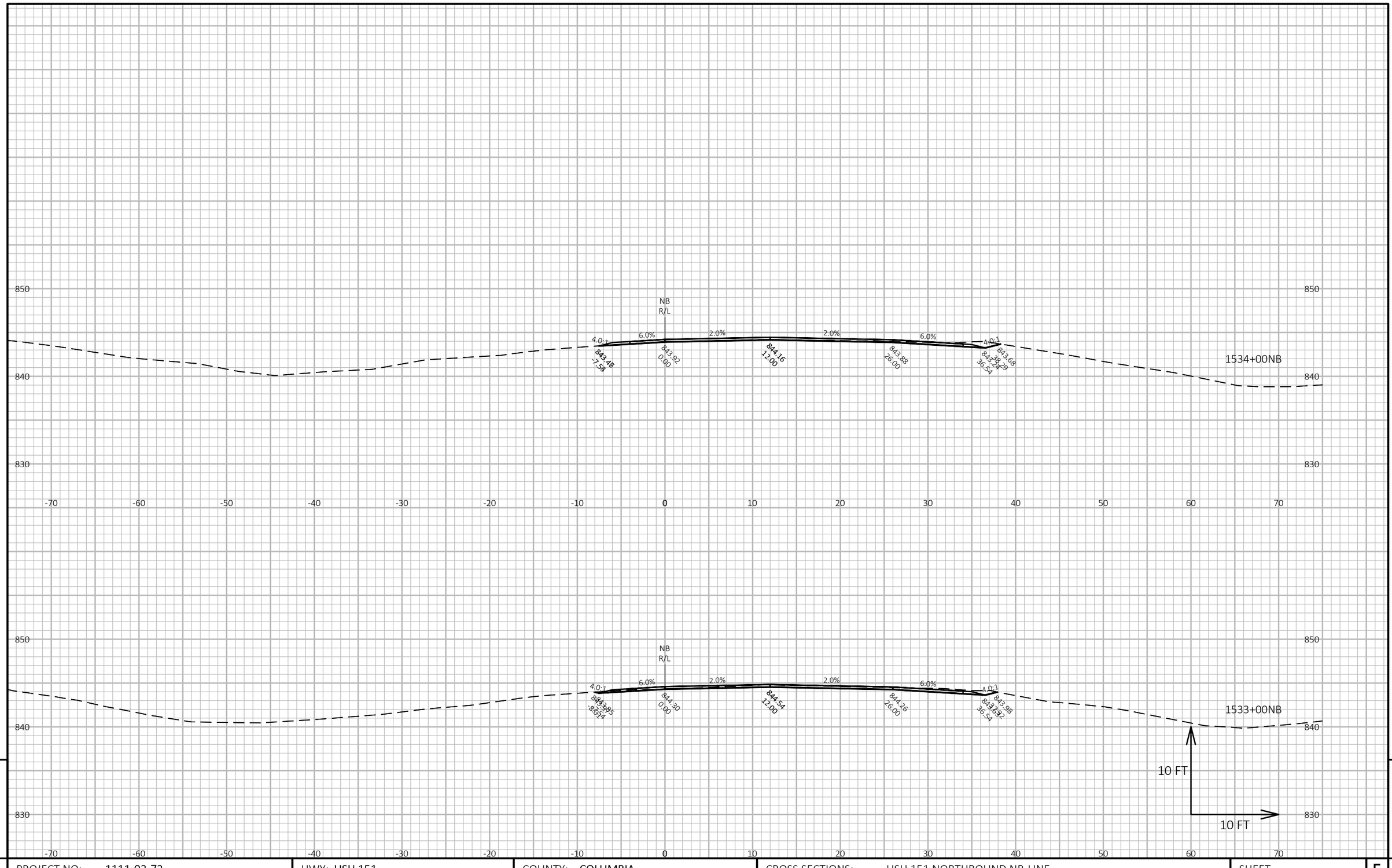
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LAYOUT NAME - 090398_xs-NB

PLOT DATE : 2/14/2018 4:18 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 622	E

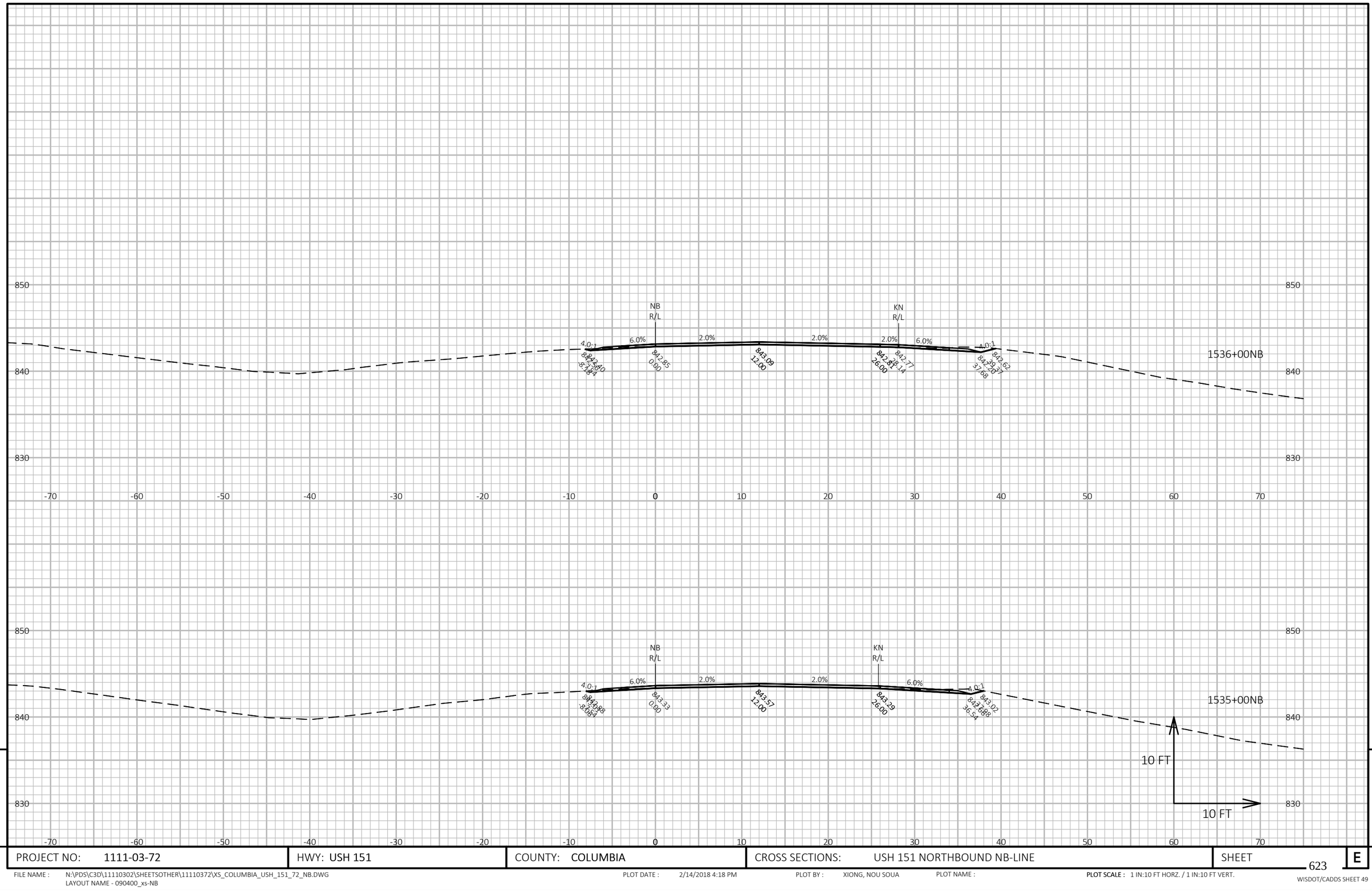
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LAYOUT NAME - 090399_xs-NB

PLOT DATE : 2/14/2018 4:18 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 623	E

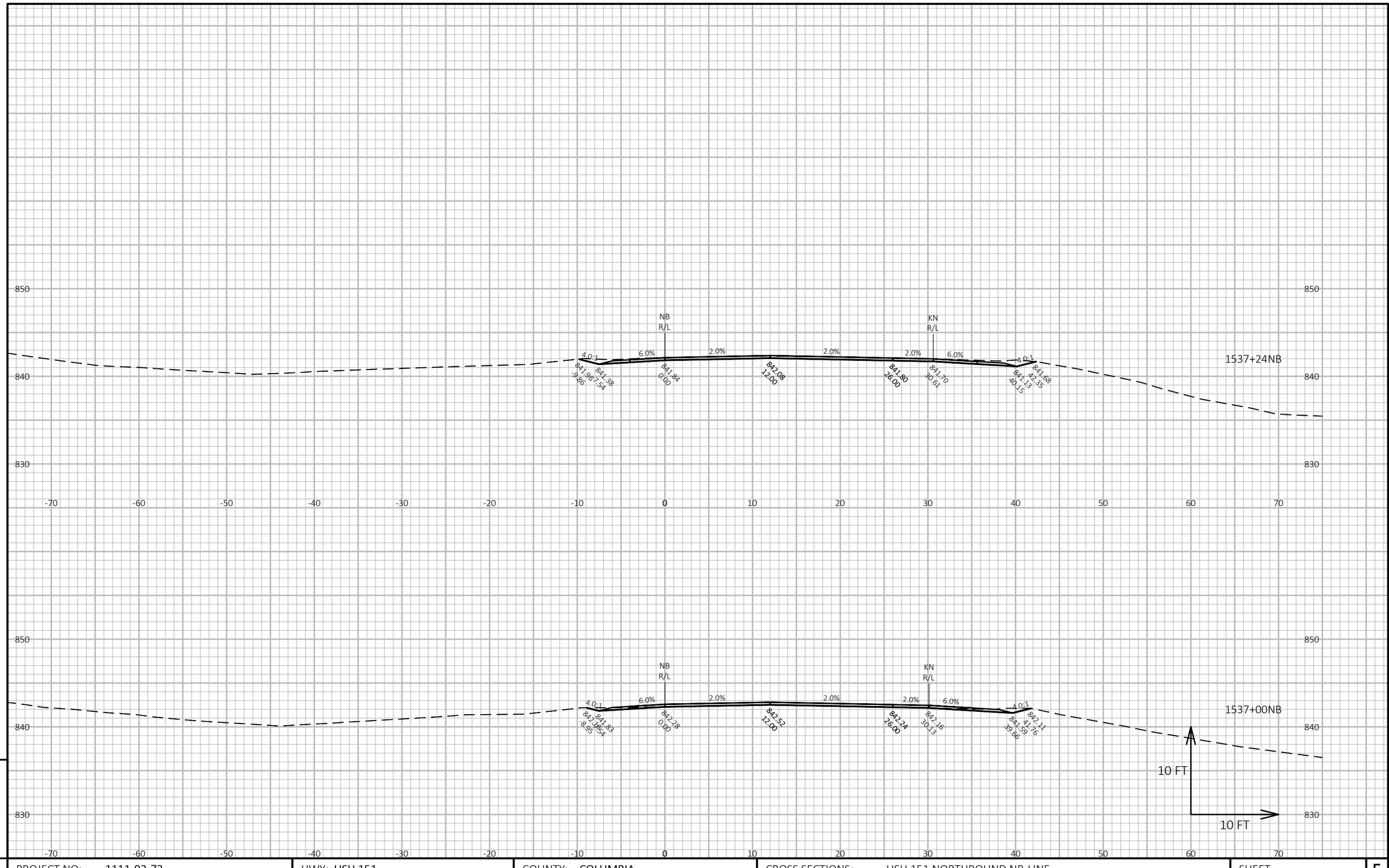
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LAYOUT NAME - 090400_xs-NB

PLOT DATE : 2/14/2018 4:18 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 624	E

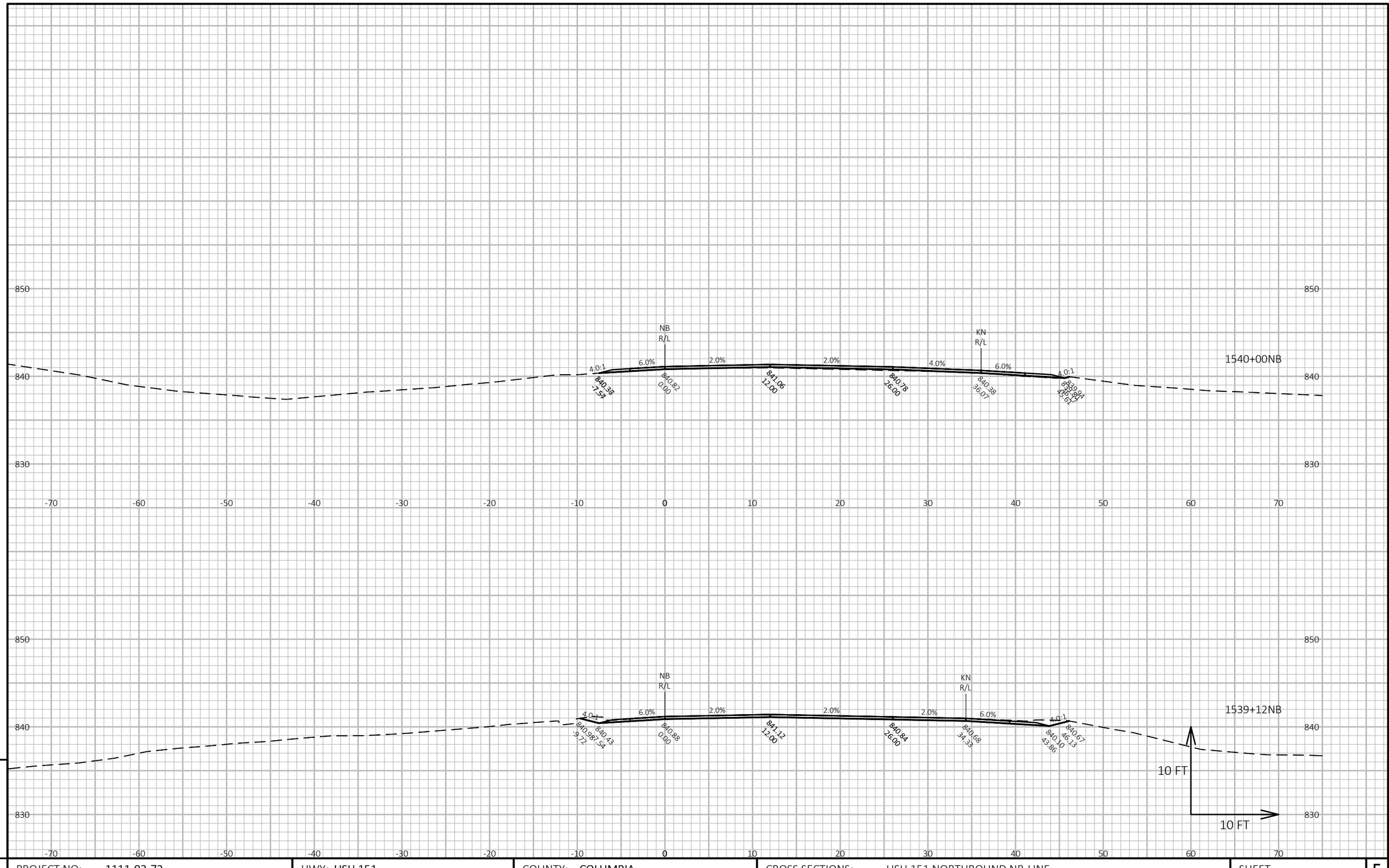
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LAYOUT NAME - 090401_xs-NB

PLOT DATE : 2/14/2018 4:18 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 625	E

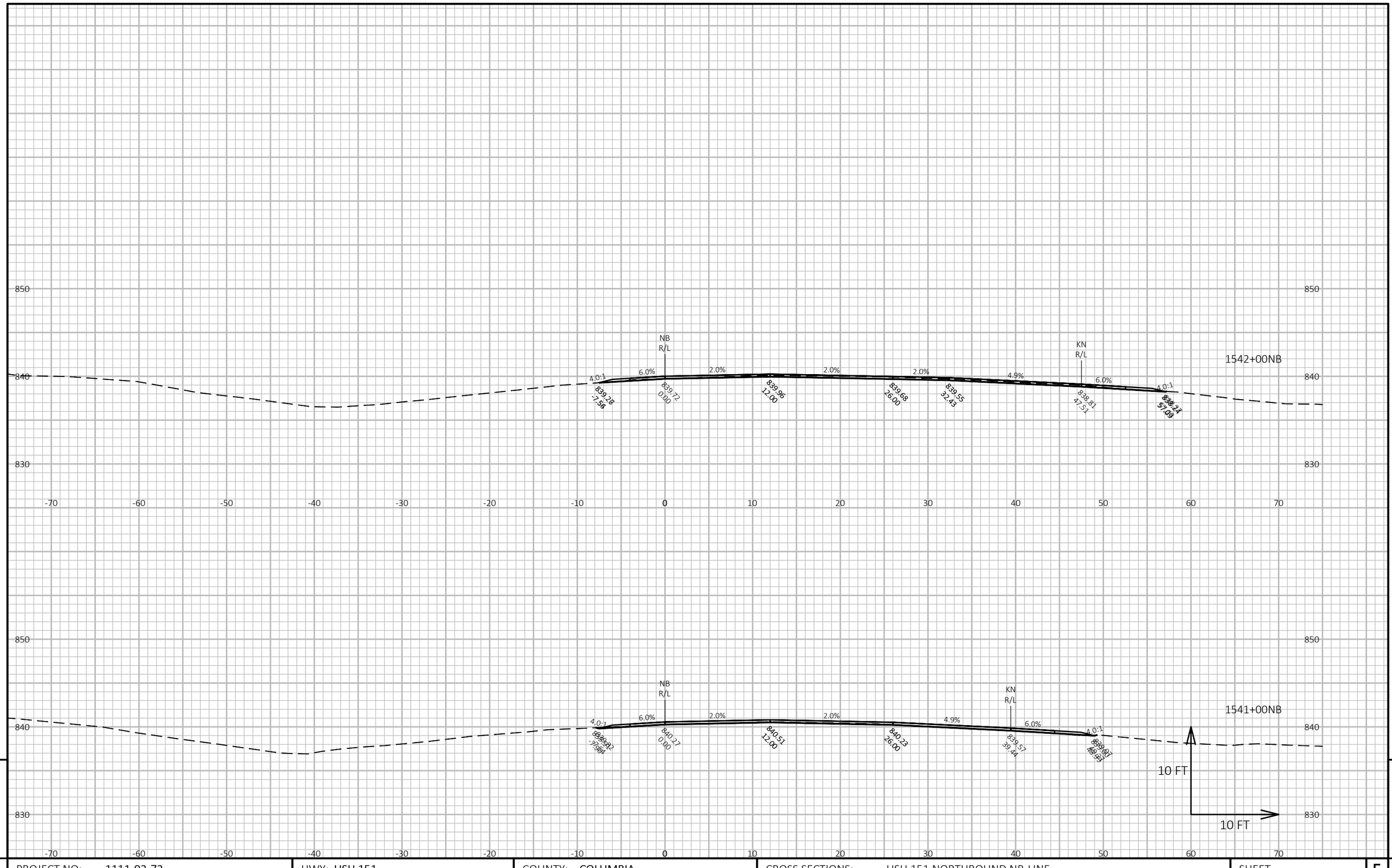
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LAYOUT NAME - 090403_xs-NB

PLOT DATE : 2/14/2018 4:19 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 626	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
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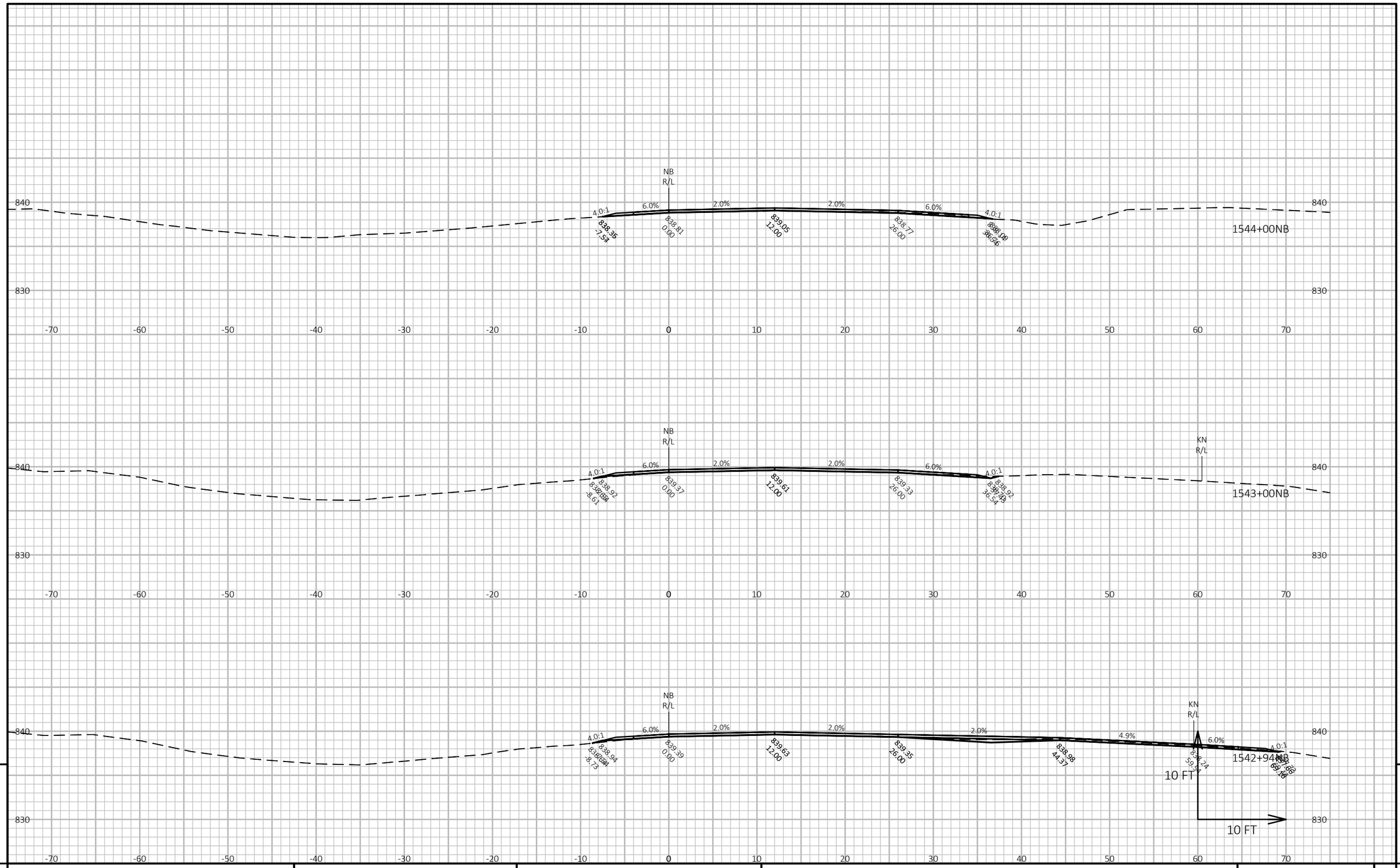
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PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



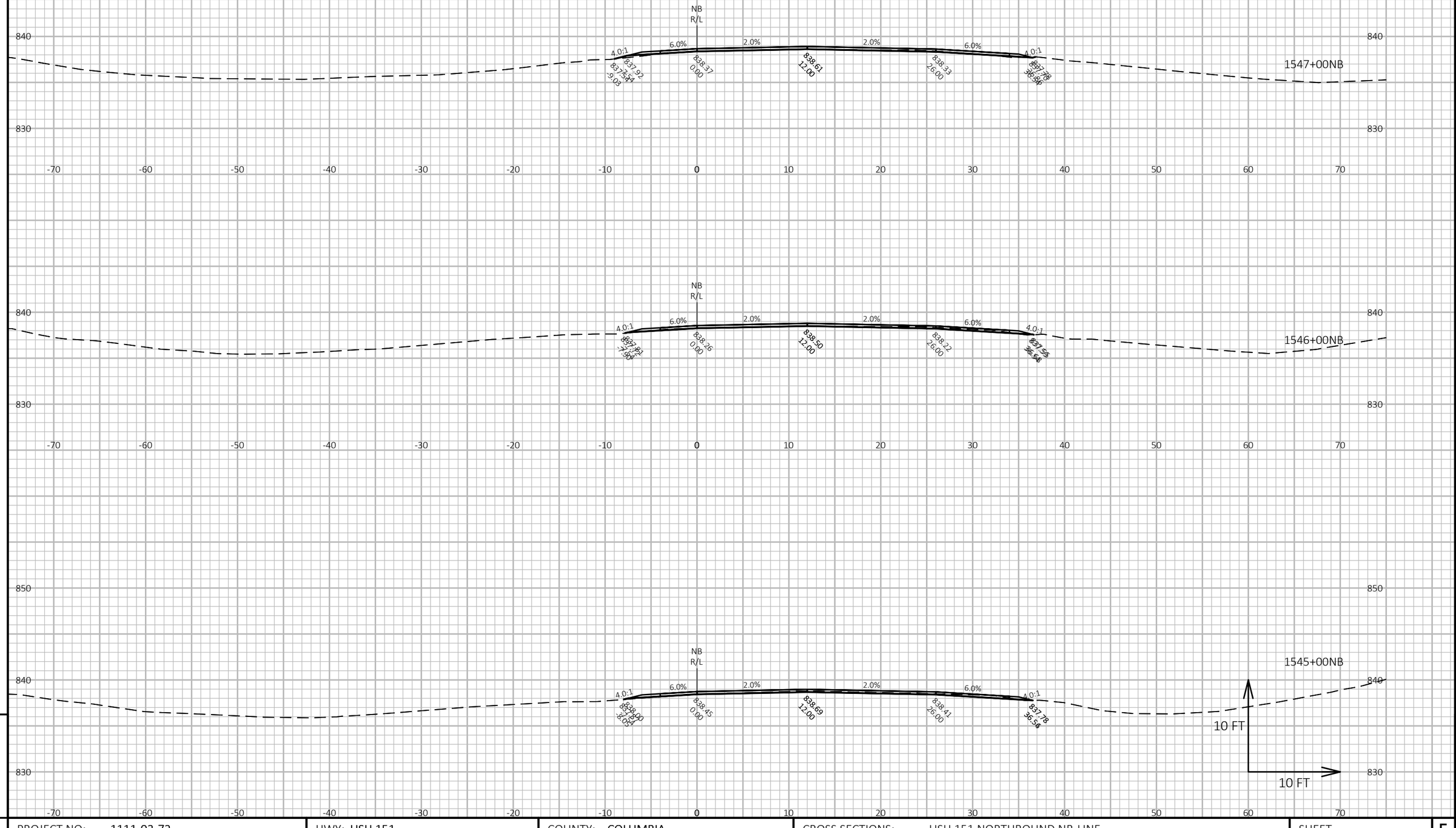
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 627 E

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PLOT DATE : 2/14/2018 4:19 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 628	E

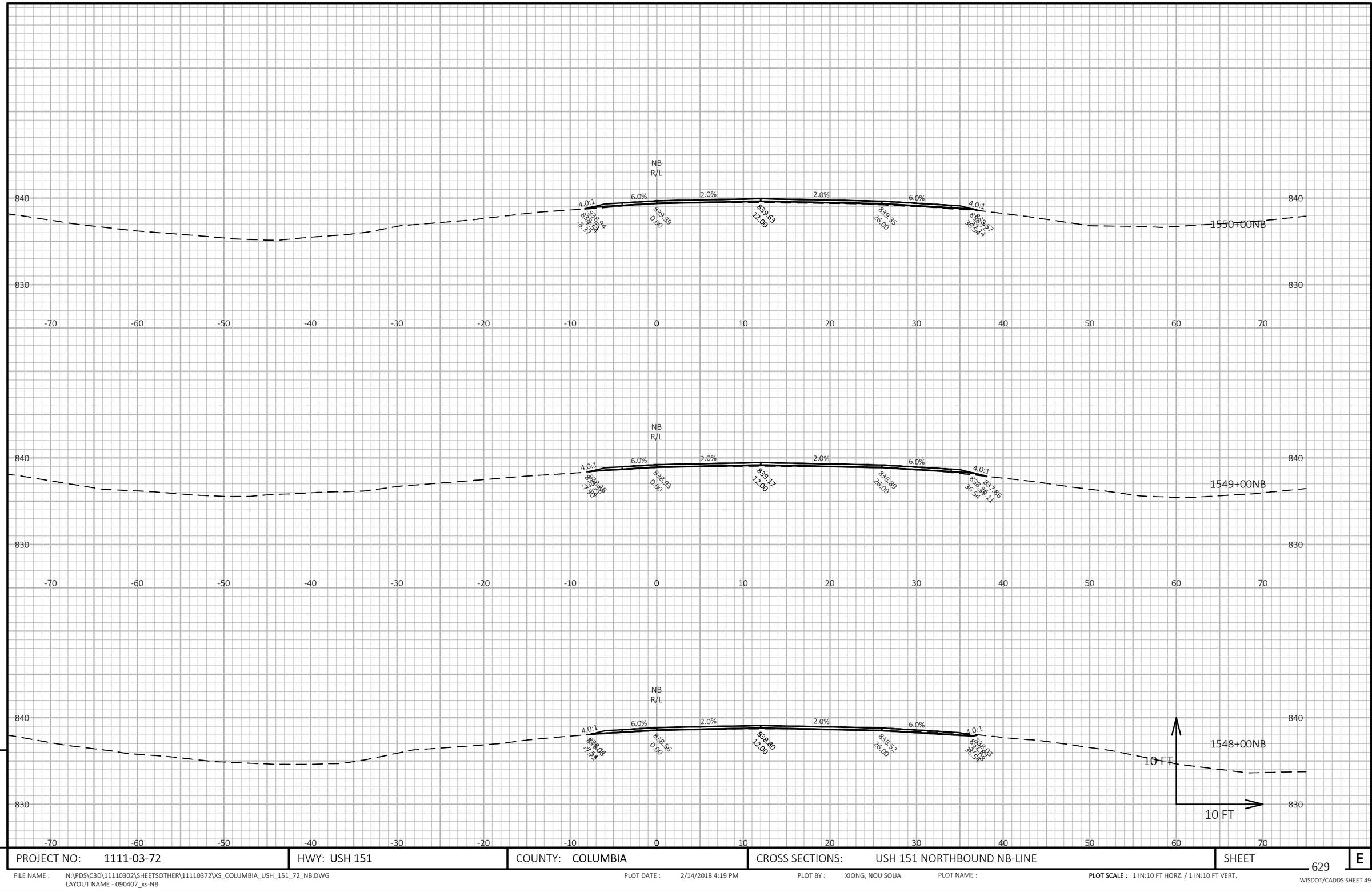
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PLOT DATE : 2/14/2018 4:19 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



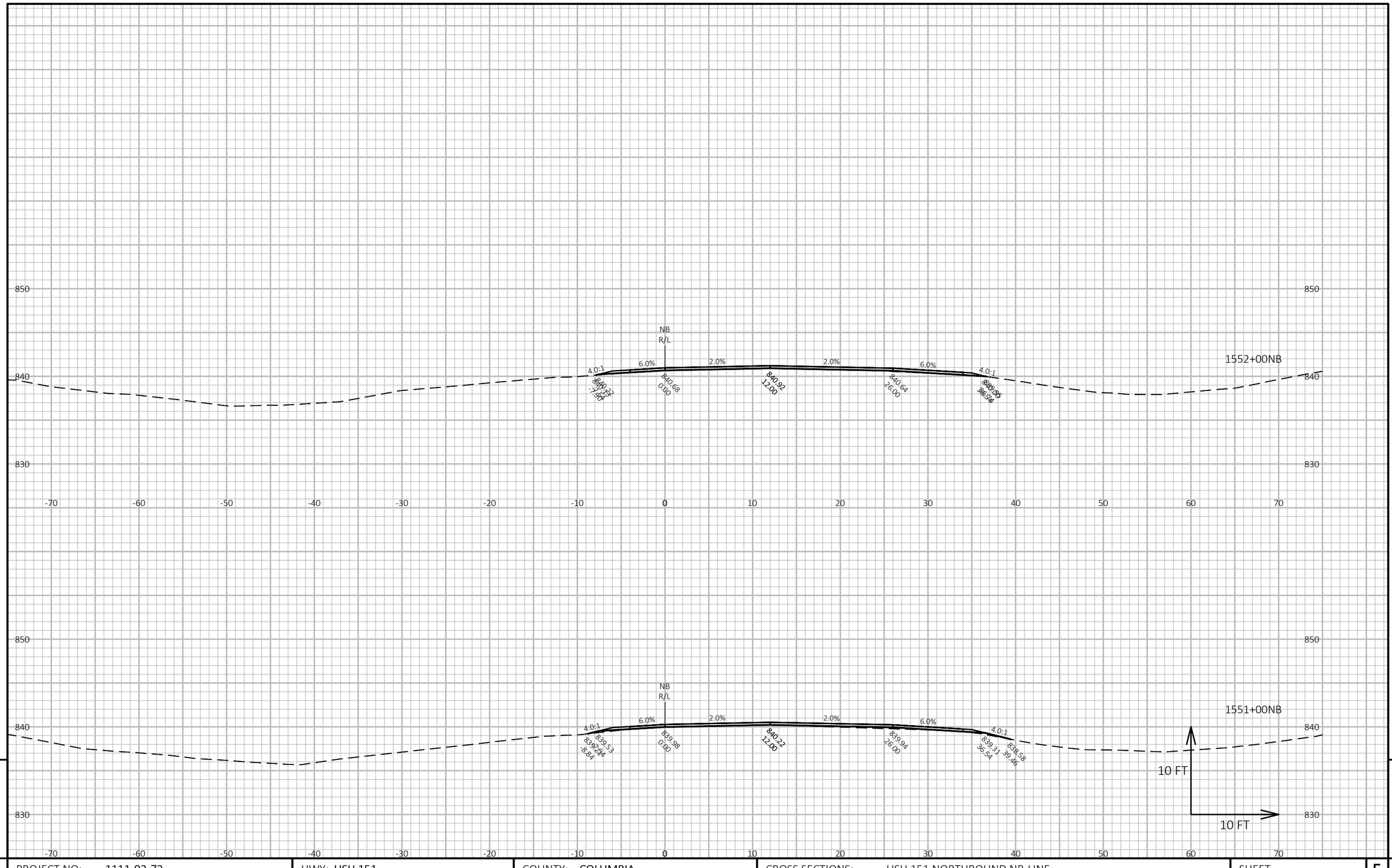
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 629	E

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LAYOUT NAME - 090407_xs-NB

PLOT DATE : 2/14/2018 4:19 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 630	E

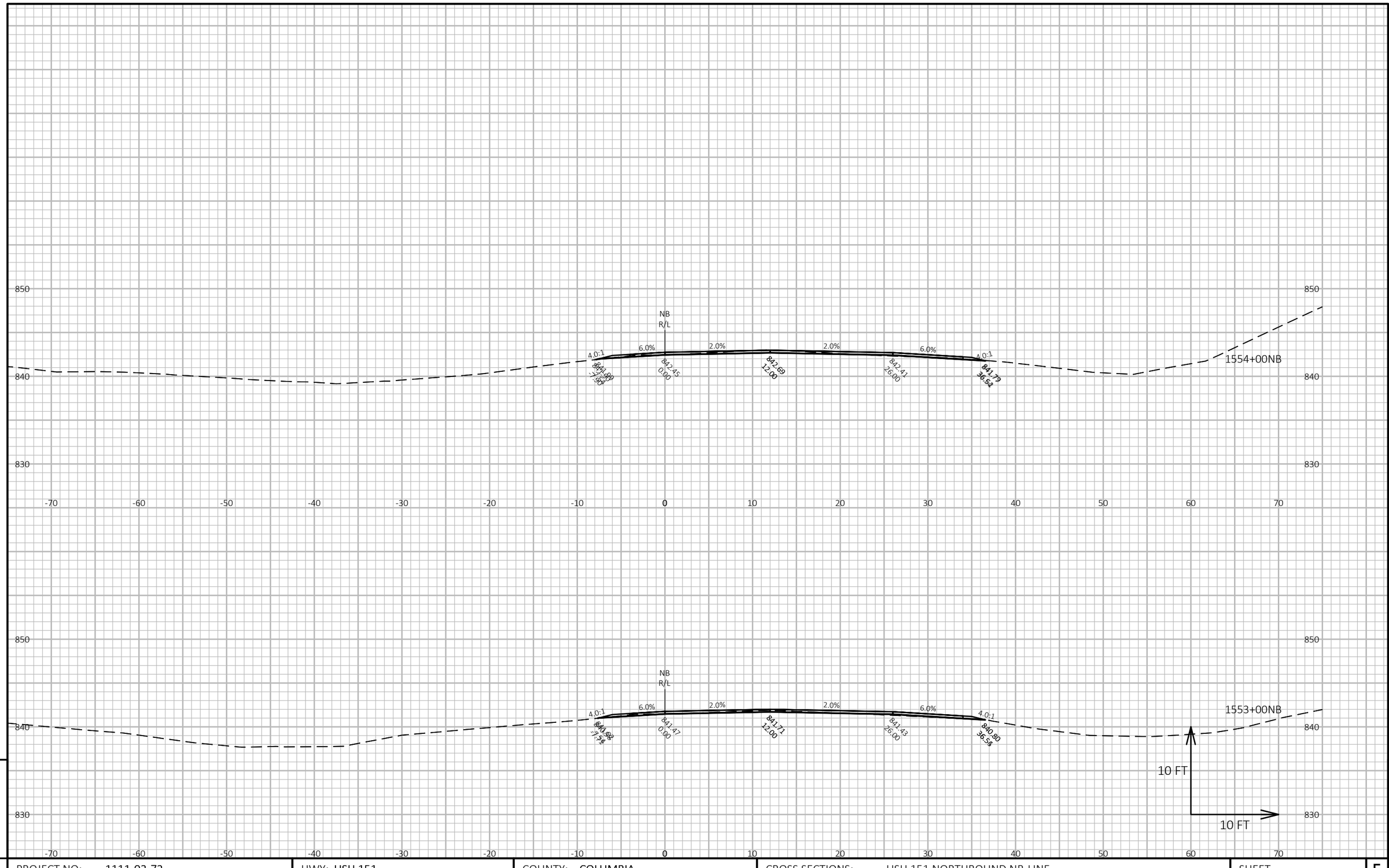
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LAYOUT NAME - 090408_xs-NB

PLOT DATE : 2/14/2018 4:19 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 631	E

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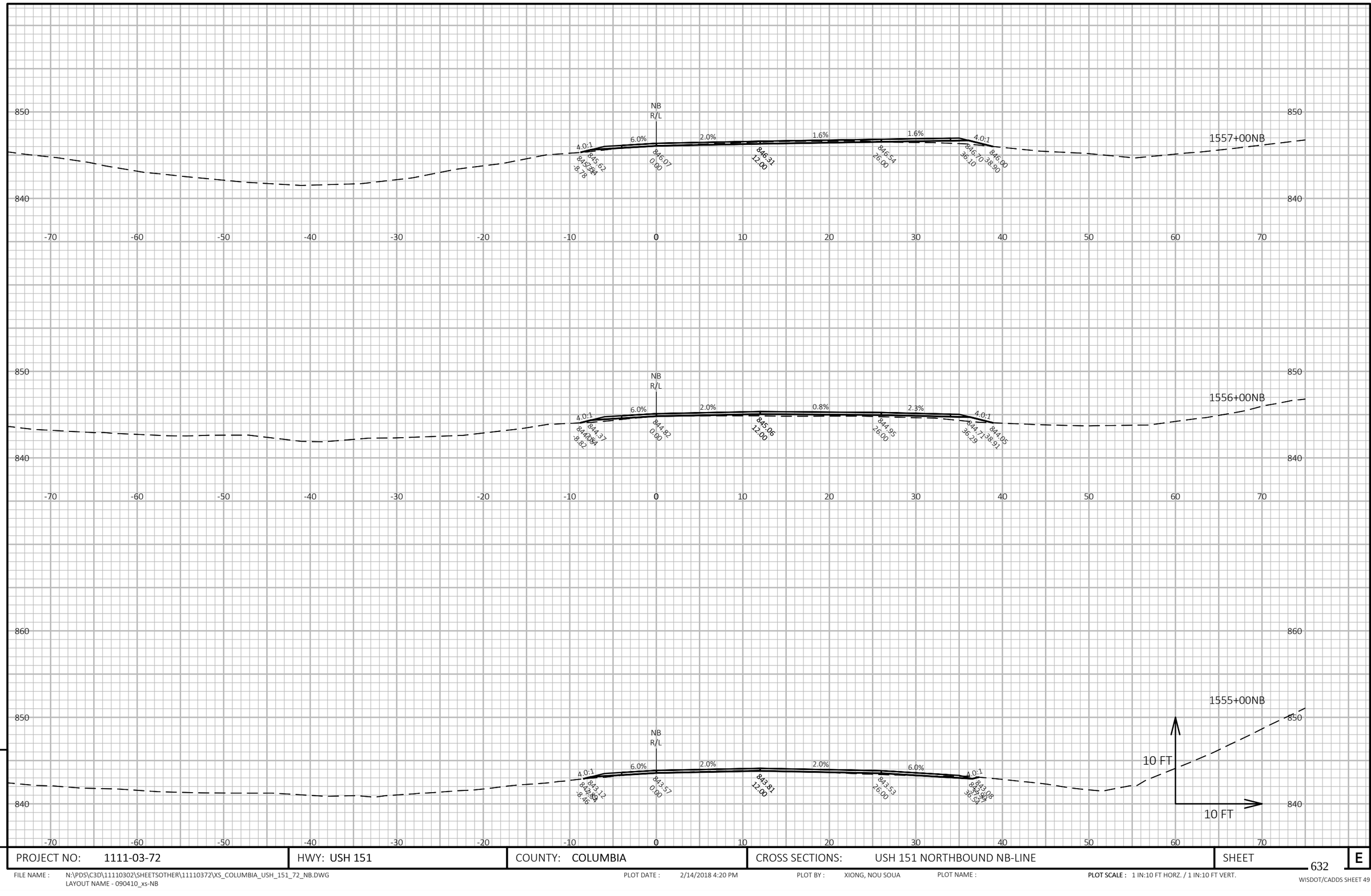
PLOT DATE : 2/14/2018 4:20 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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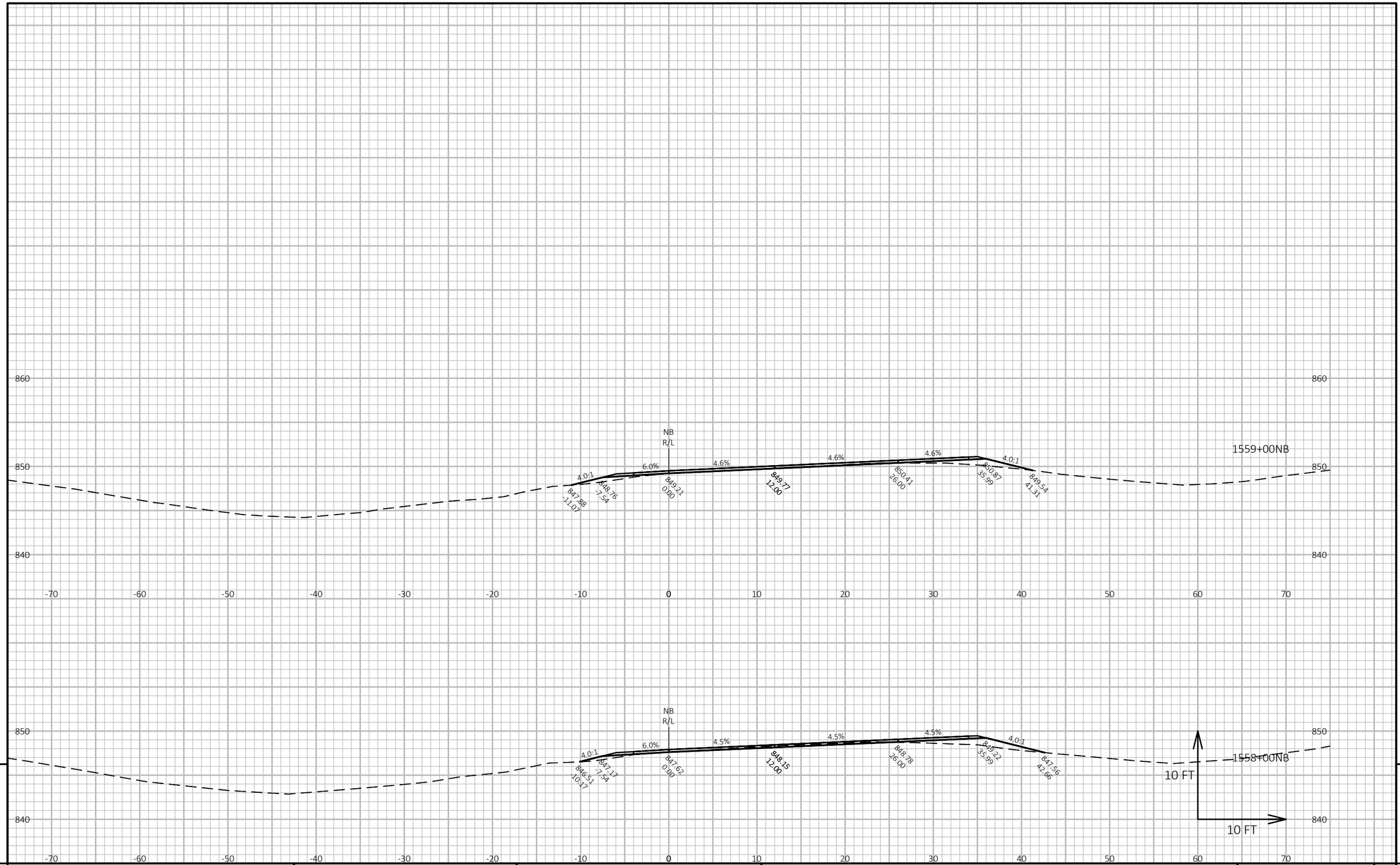
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 632	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090410_xs-NB

PLOT DATE : 2/14/2018 4:20 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 633	E

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LAYOUT NAME - 090411_xs-NB

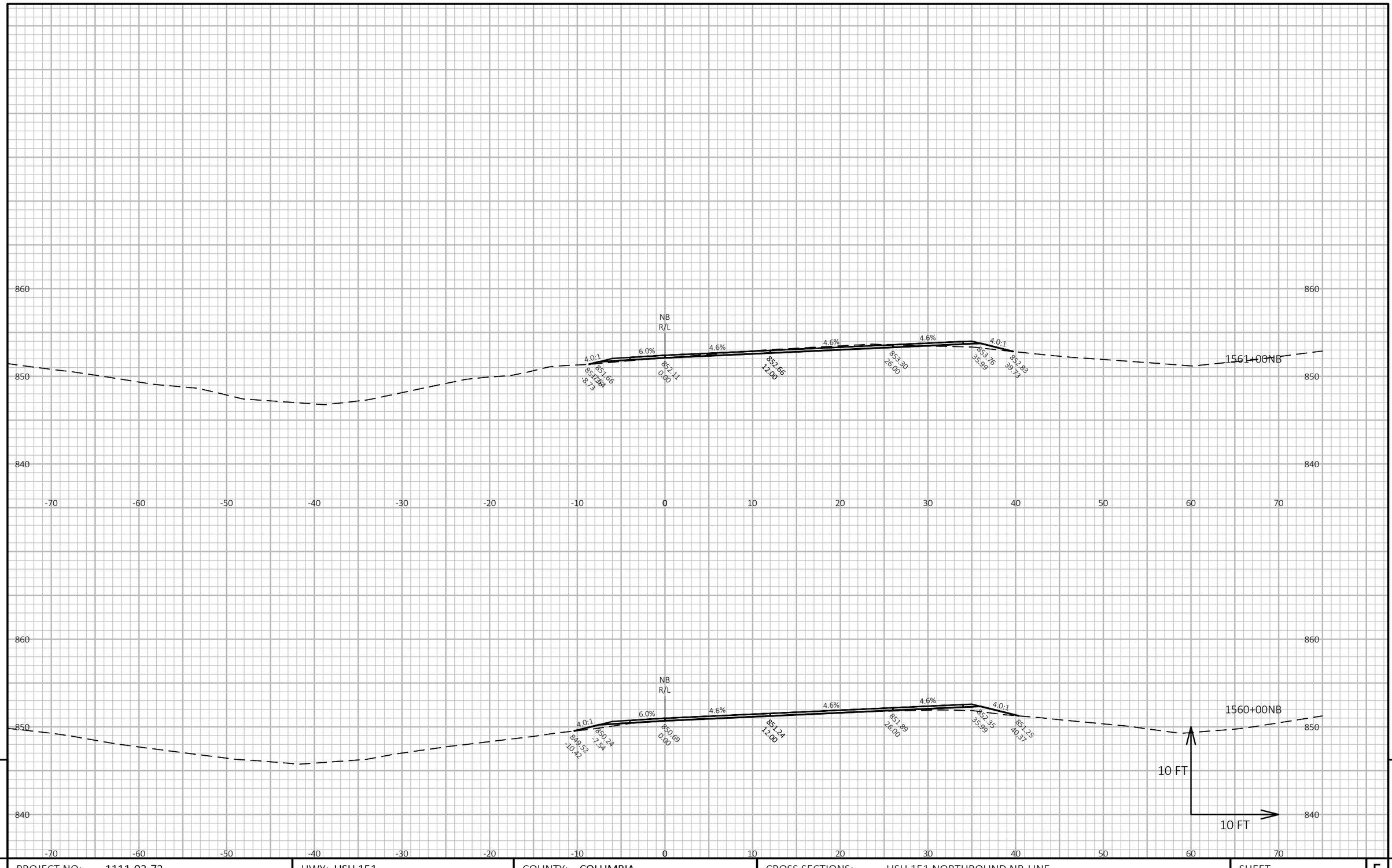
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PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 634	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090412_xs-NB

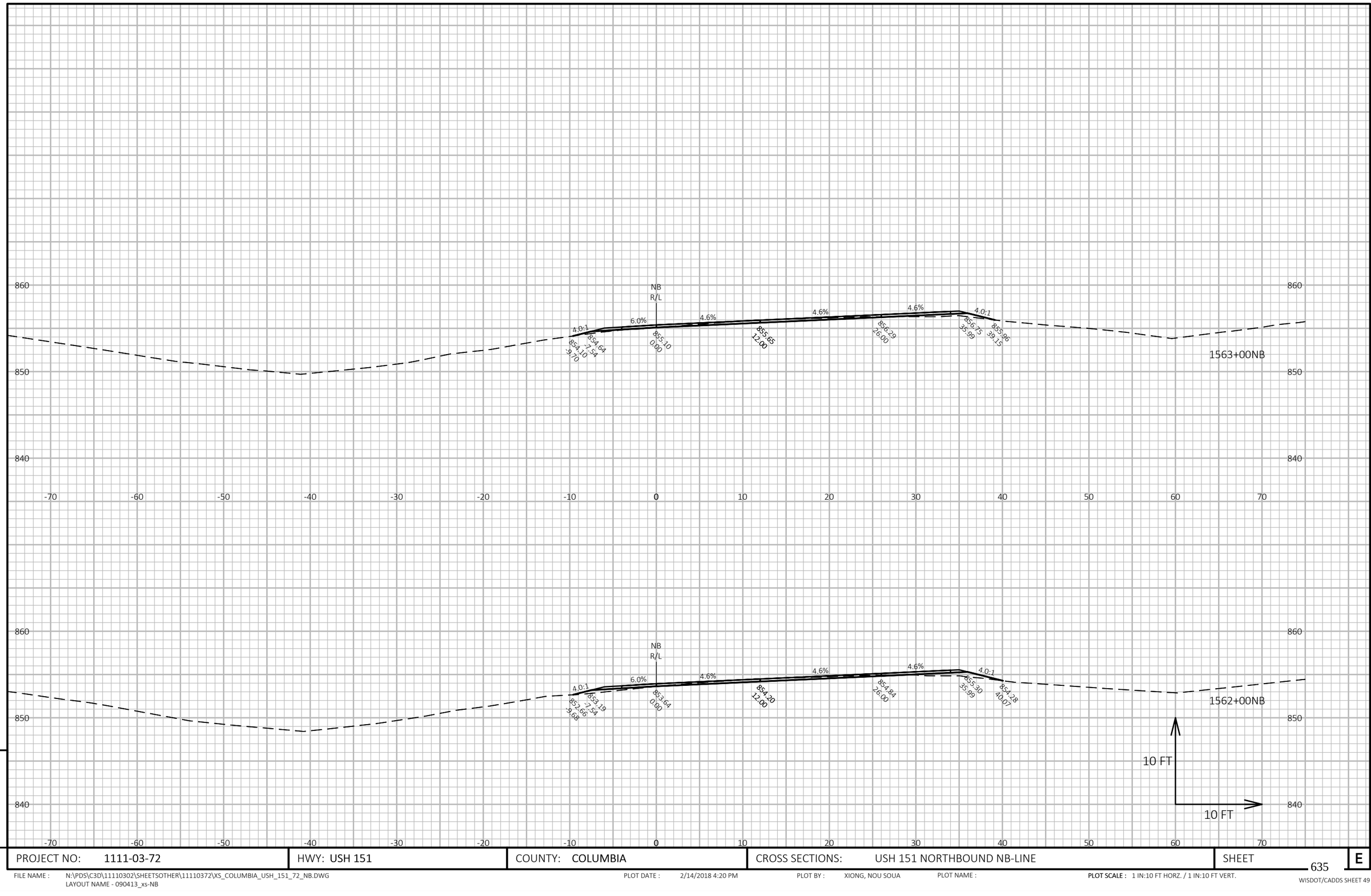
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PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 635	E

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LAYOUT NAME - 090413_xs-NB

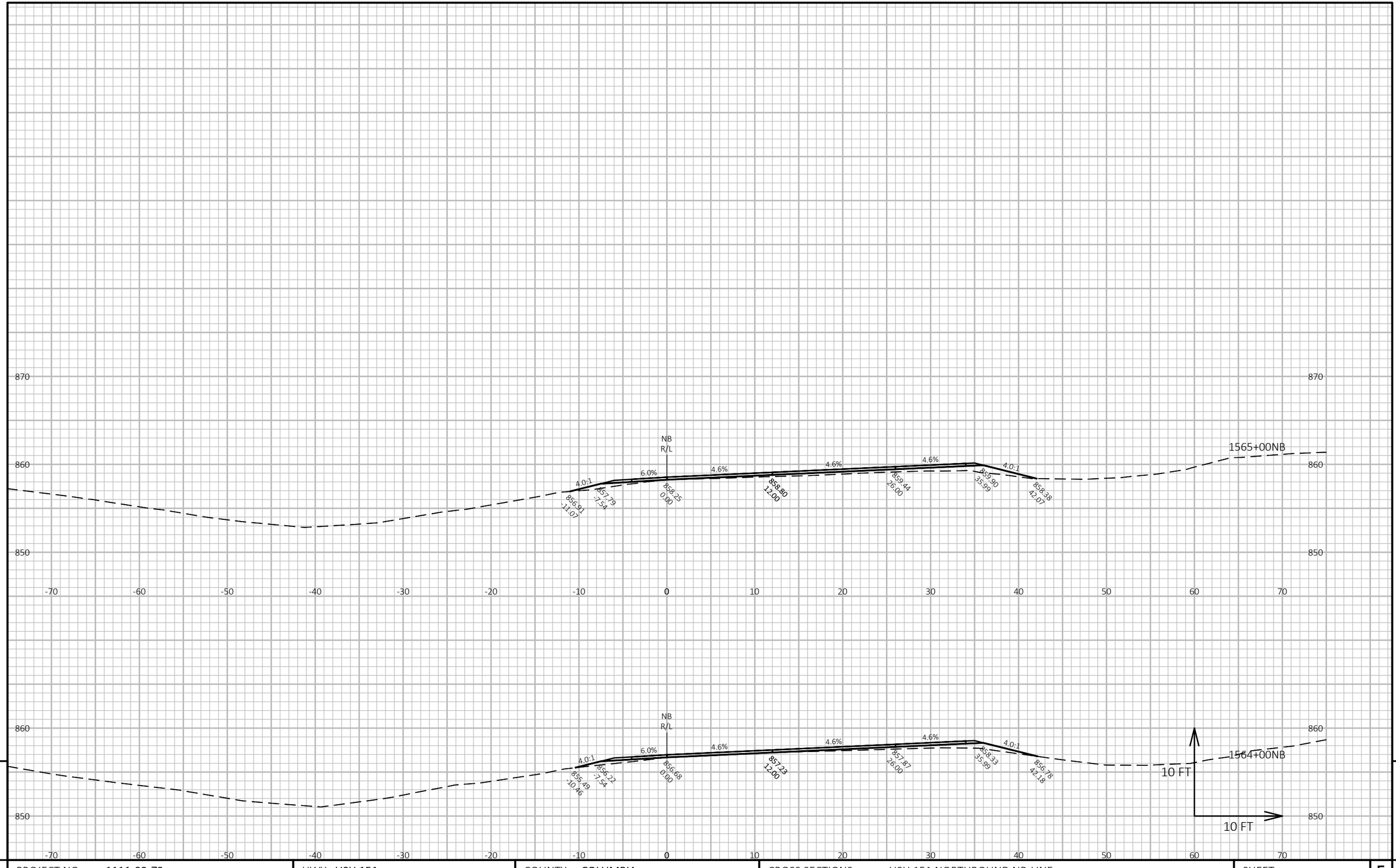
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PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

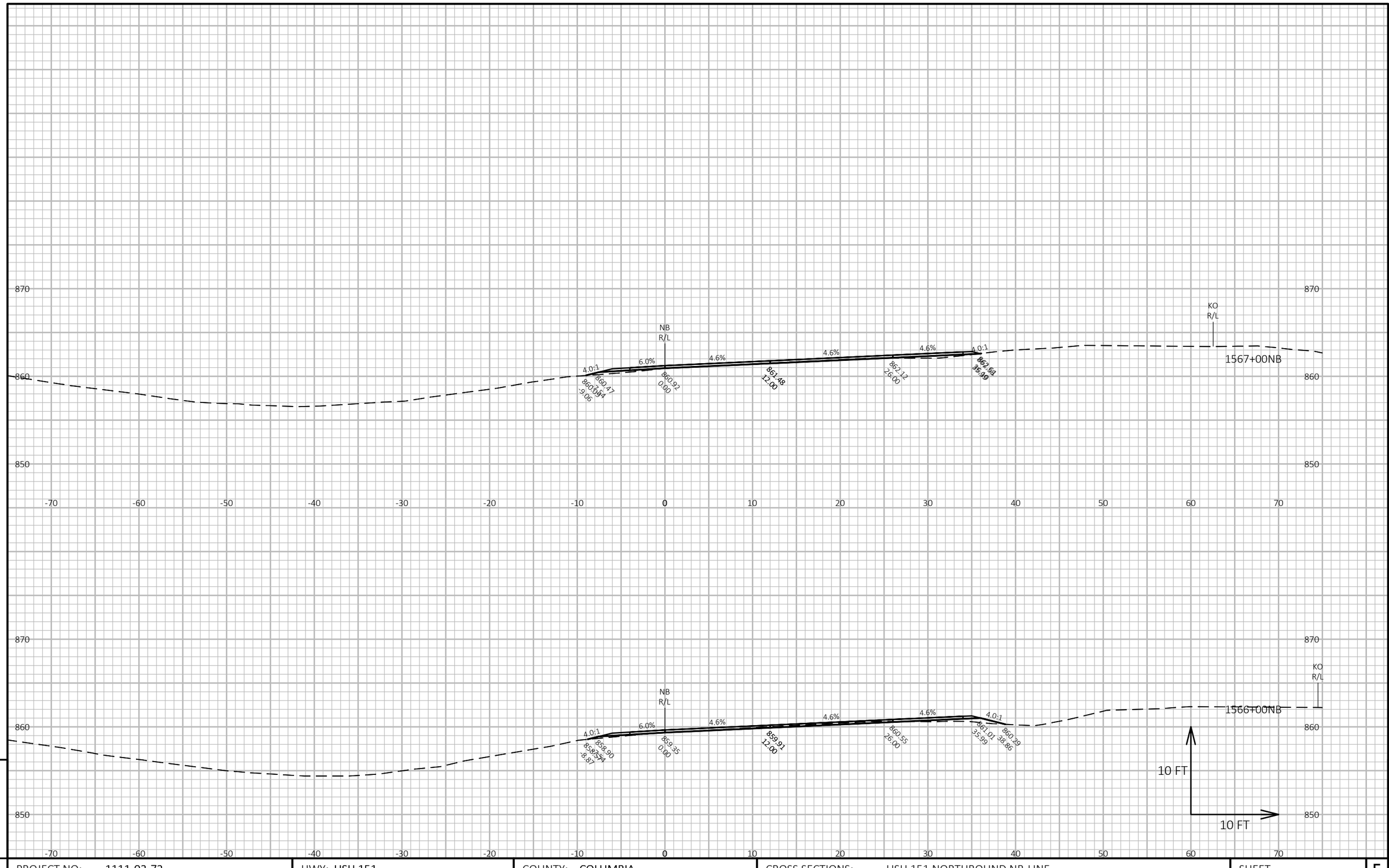


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 636	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090414_xs-NB

PLOT DATE : 2/14/2018 4:21 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

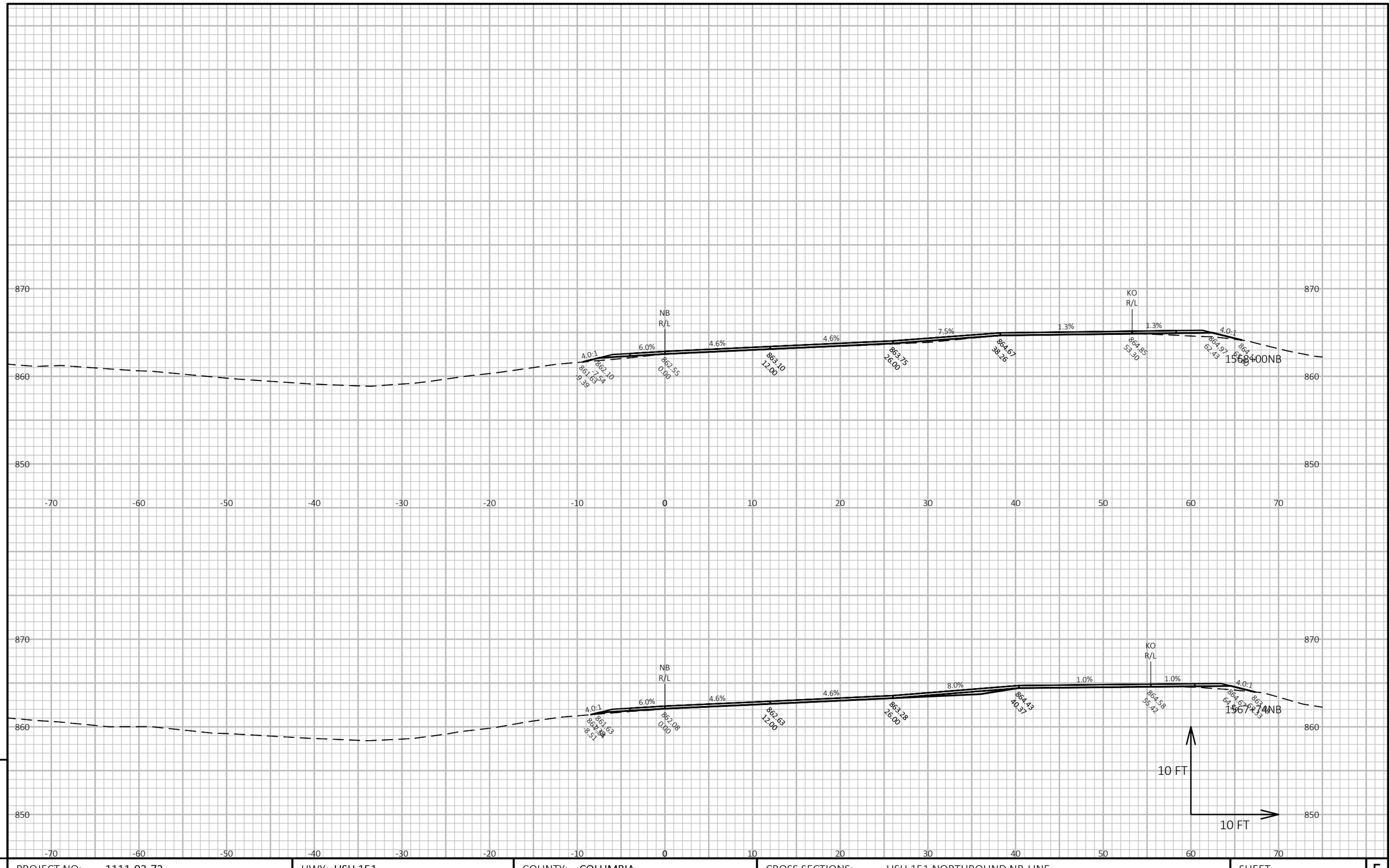


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 637 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090415_xs-NB

PLOT DATE : 2/14/2018 4:21 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 638	E

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LAYOUT NAME - 090416_xs-NB

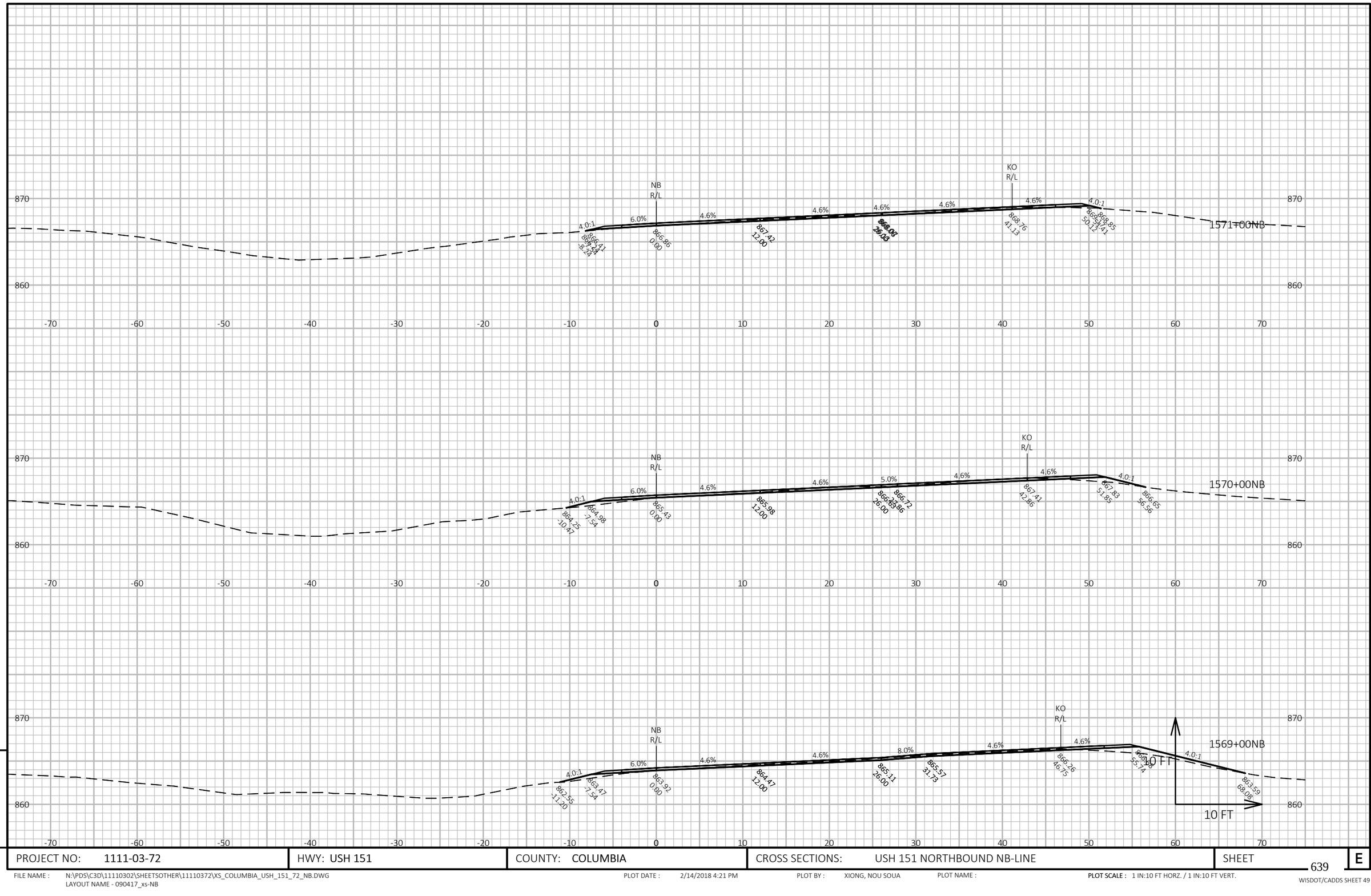
PLOT DATE : 2/14/2018 4:21 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 639	E

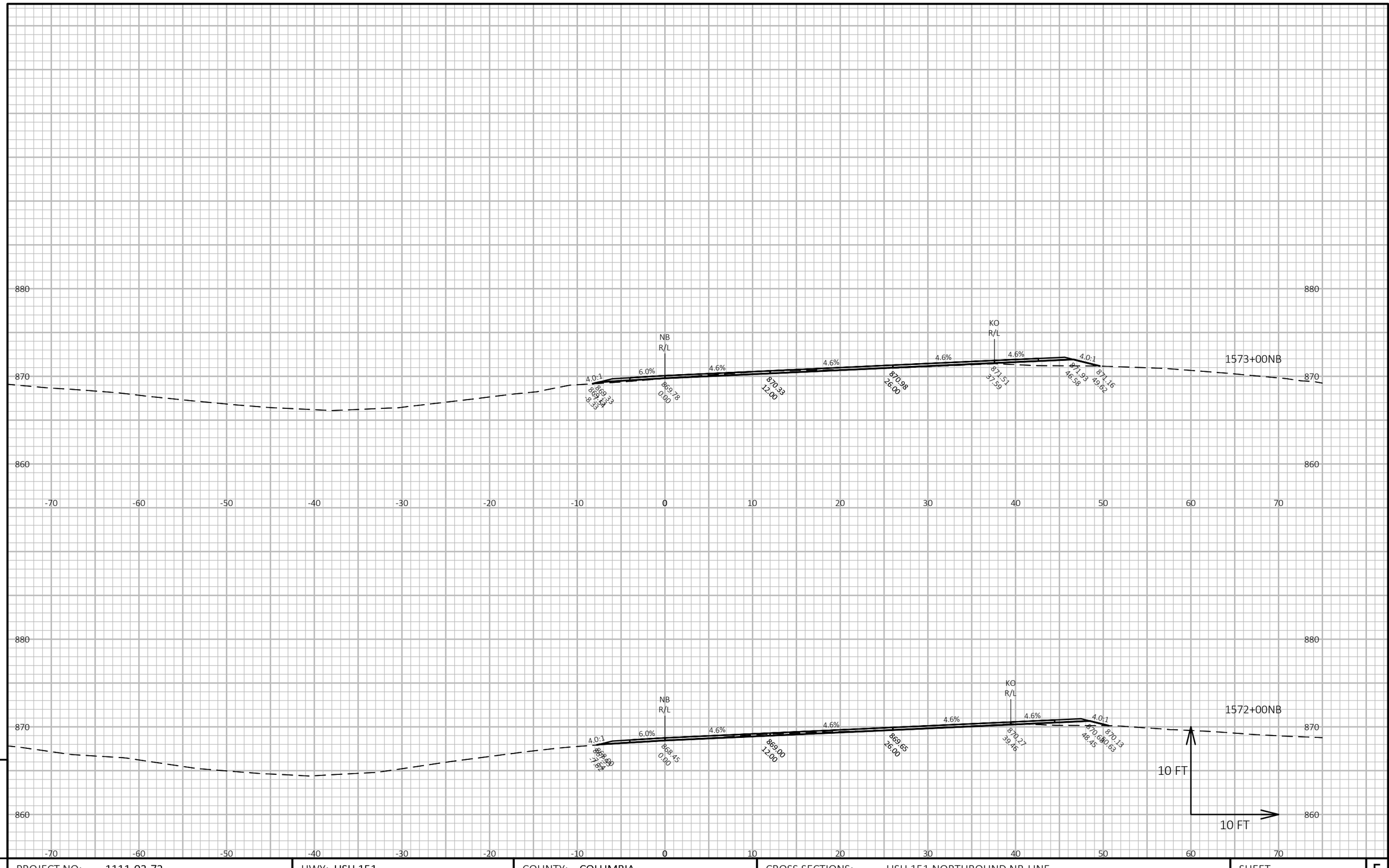
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PLOT DATE : 2/14/2018 4:21 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 640	E

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LAYOUT NAME - 090418_xs-NB

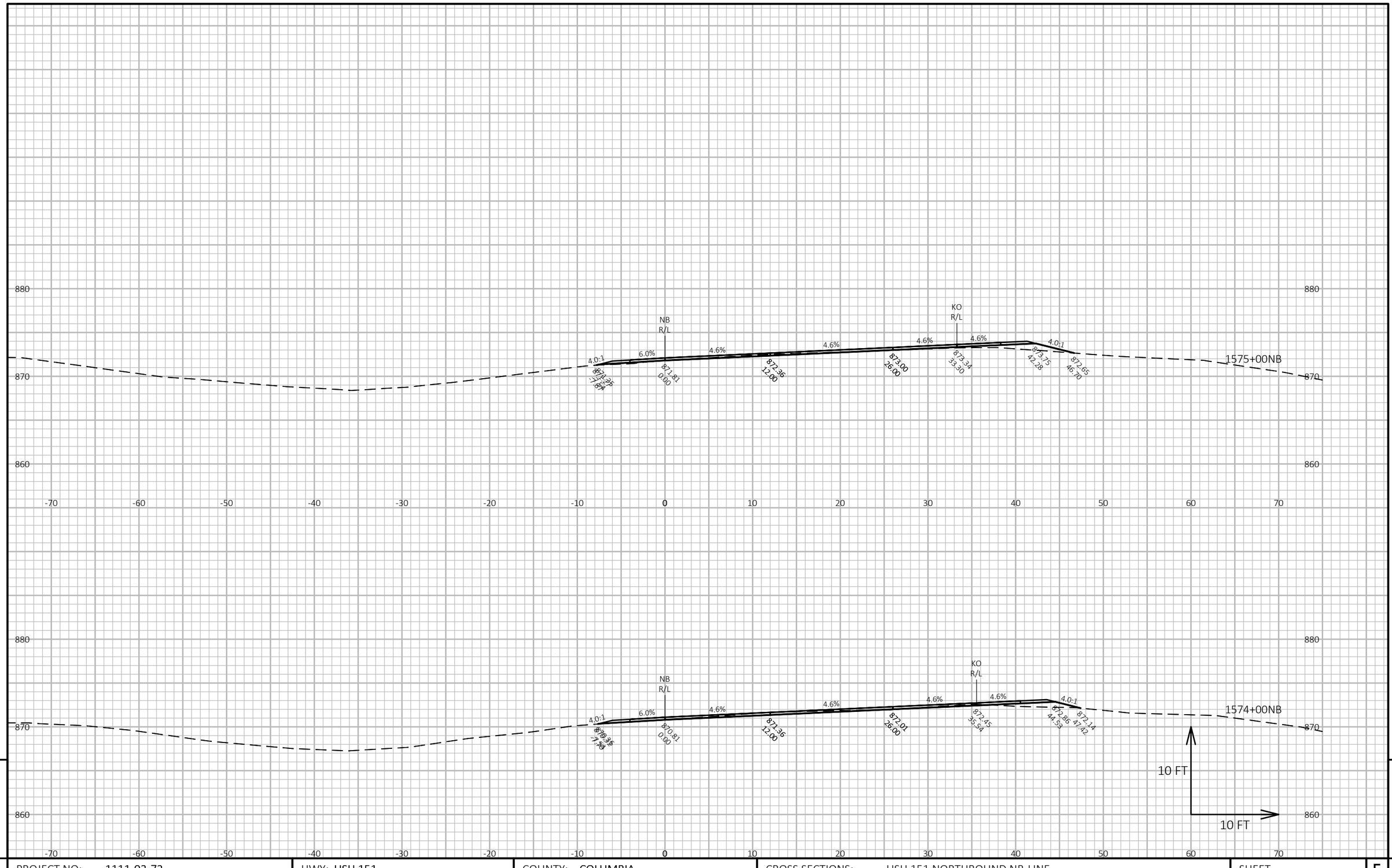
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PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 641	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090419_xs-NB

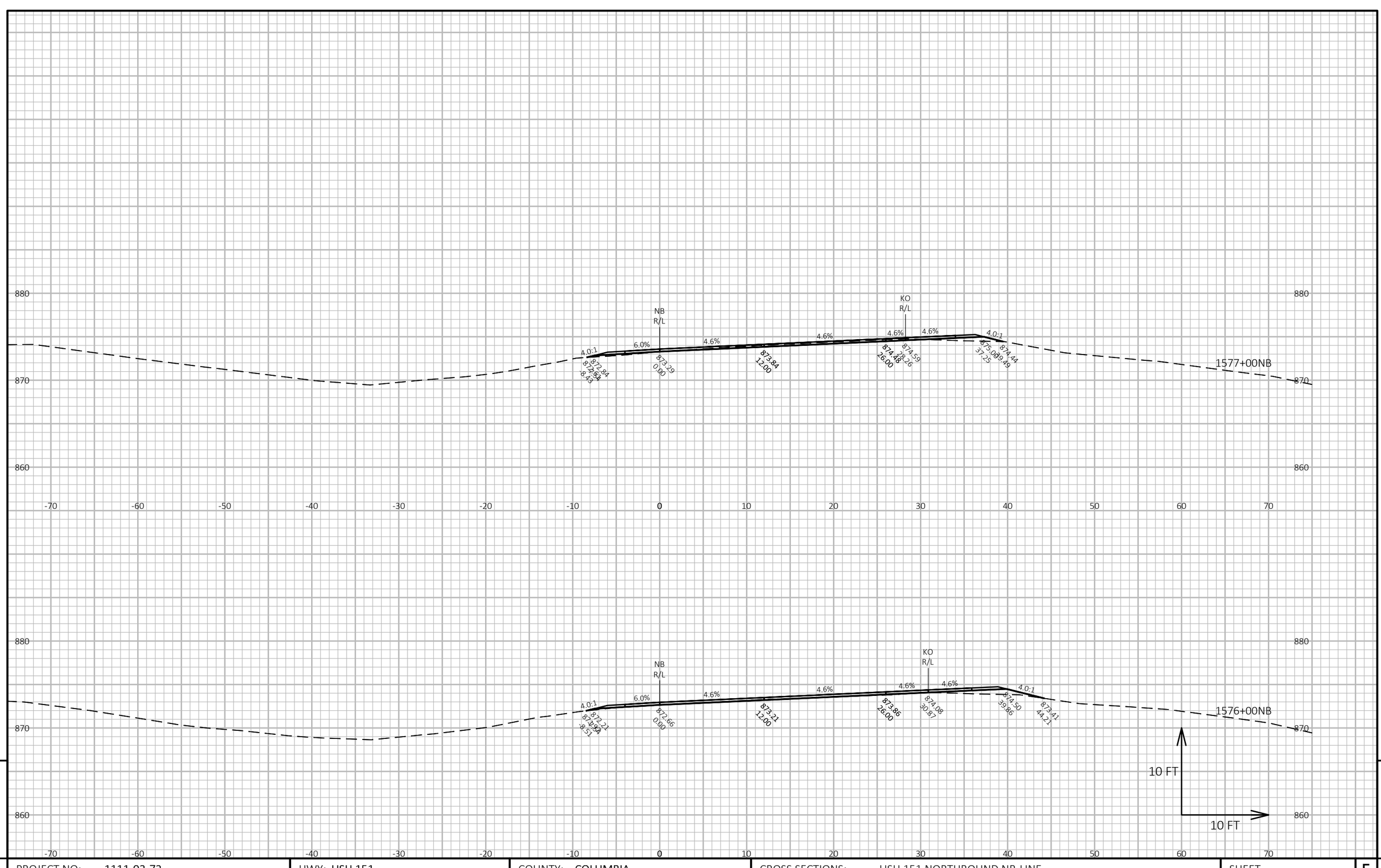
PLOT DATE : 2/14/2018 4:22 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 642	E

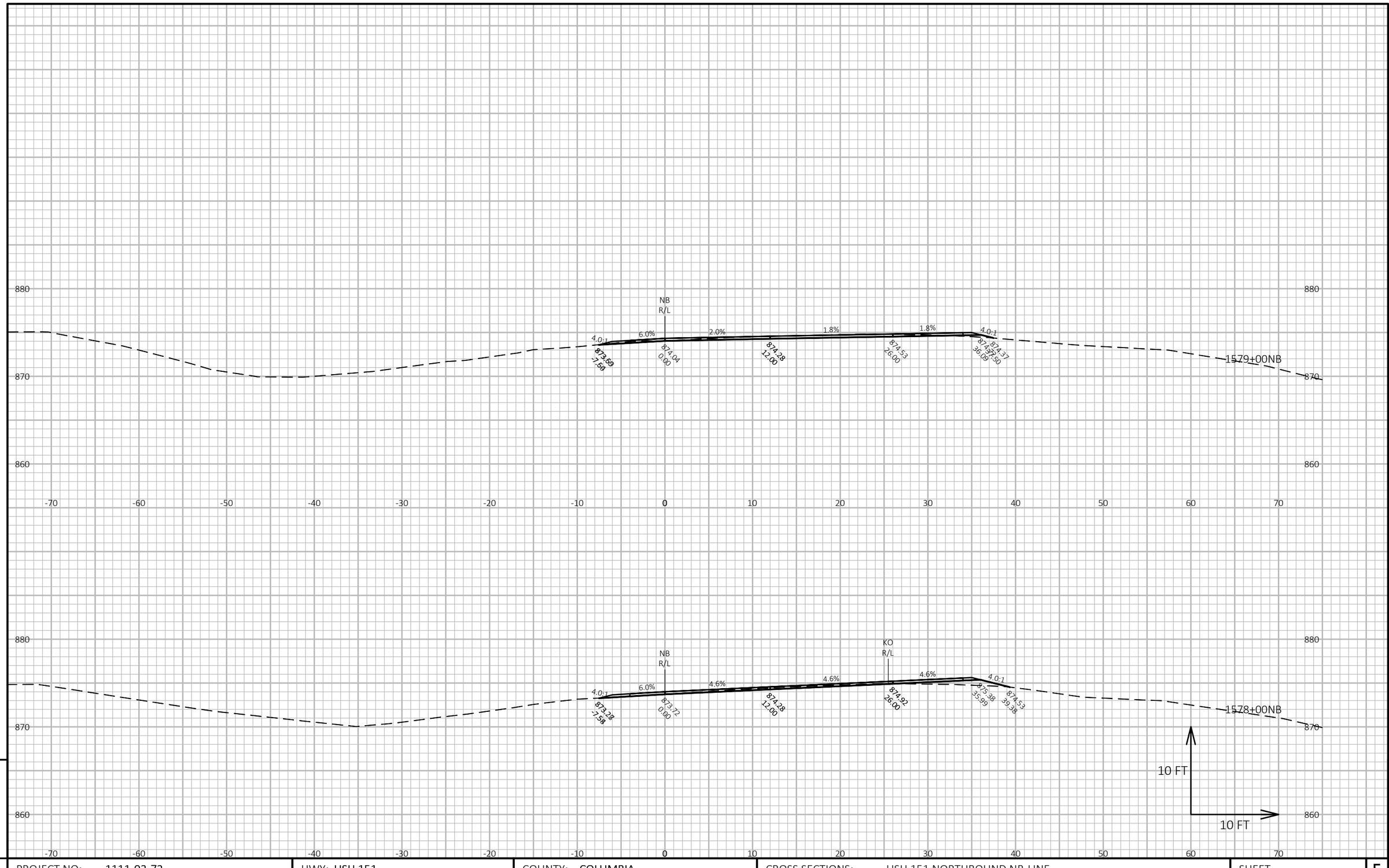
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PLOT DATE : 2/14/2018 4:22 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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9

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 643	E

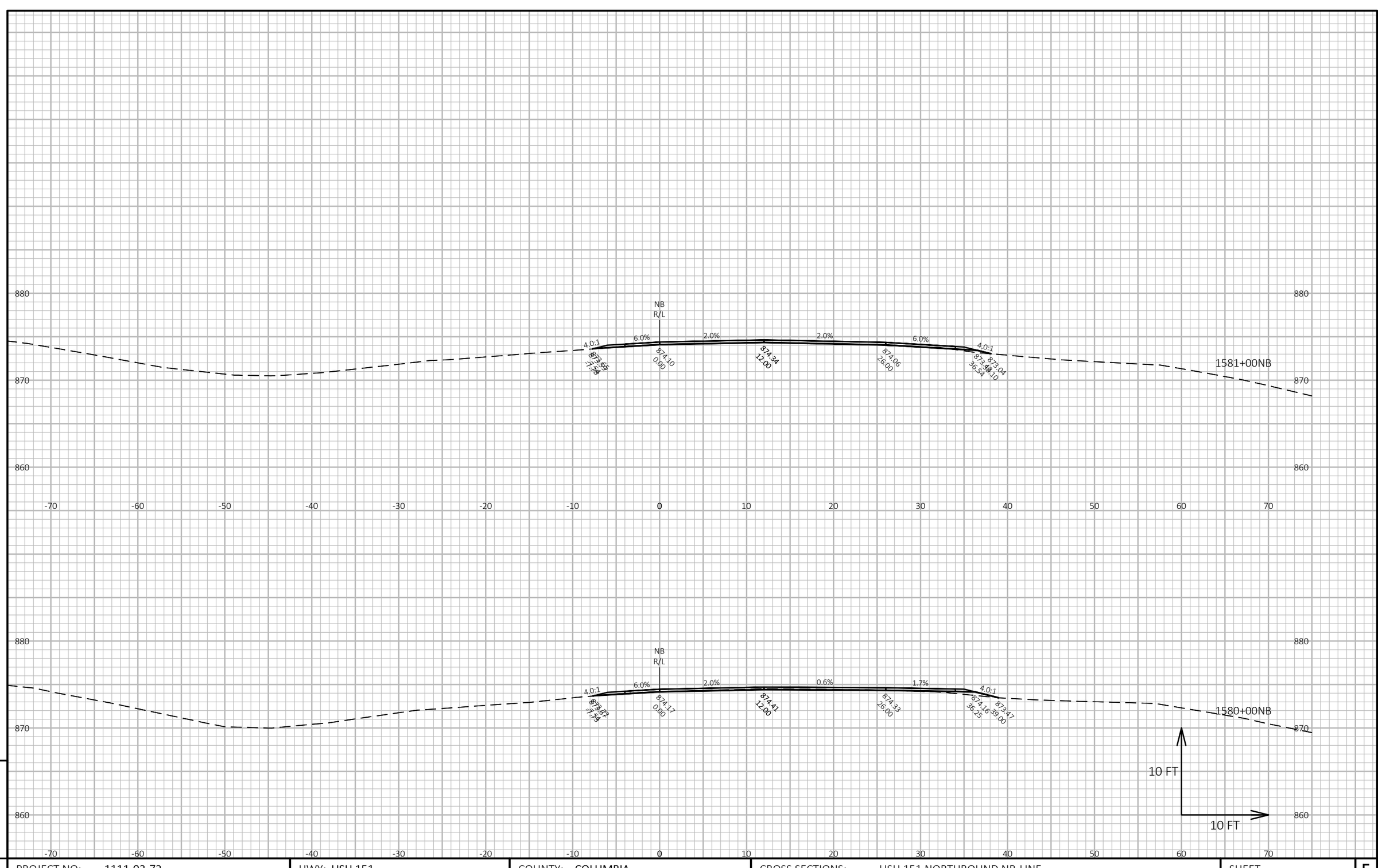
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PLOT DATE : 2/14/2018 4:22 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 644	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090422_xs-NB

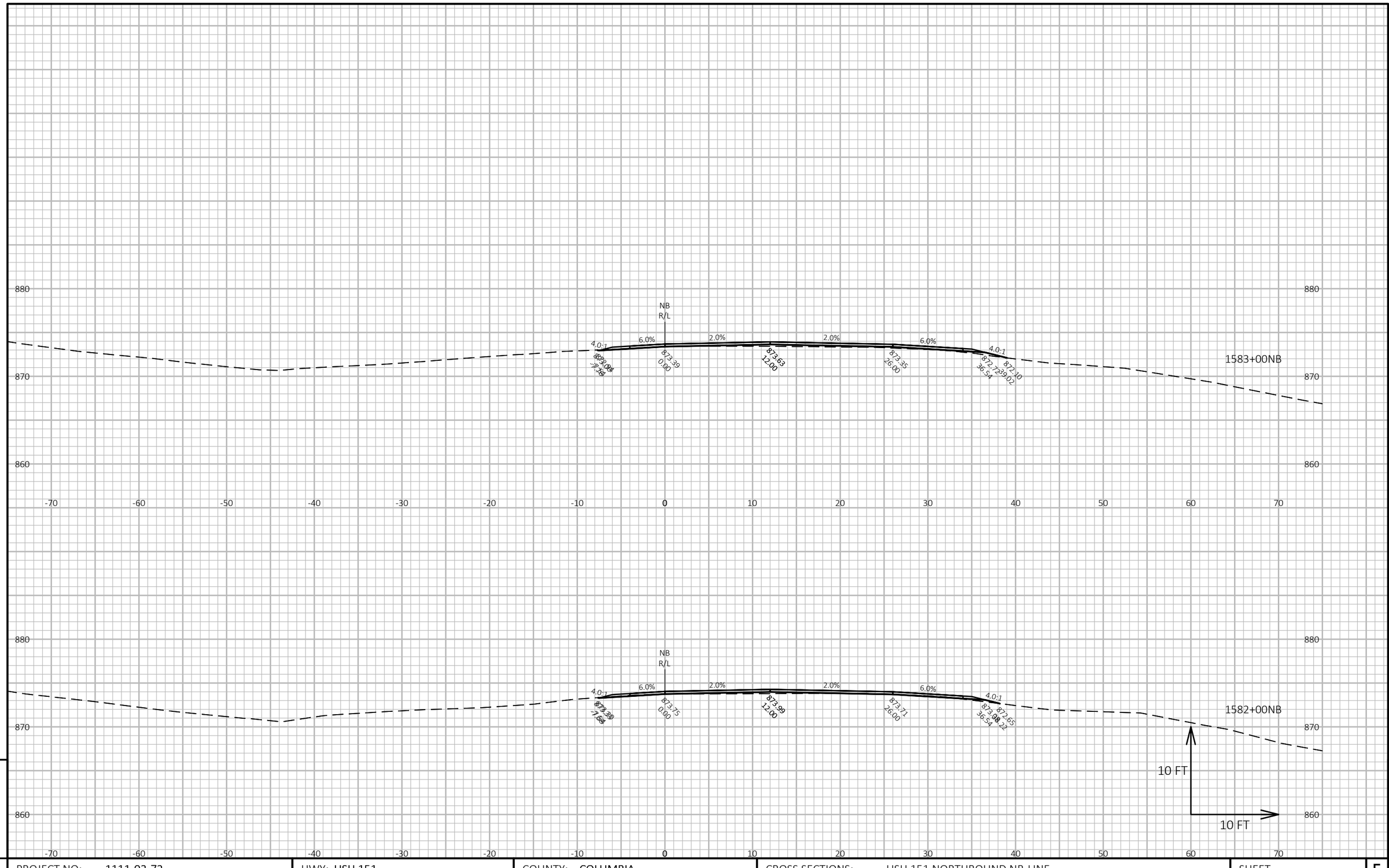
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PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 645	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090423_xs-NB

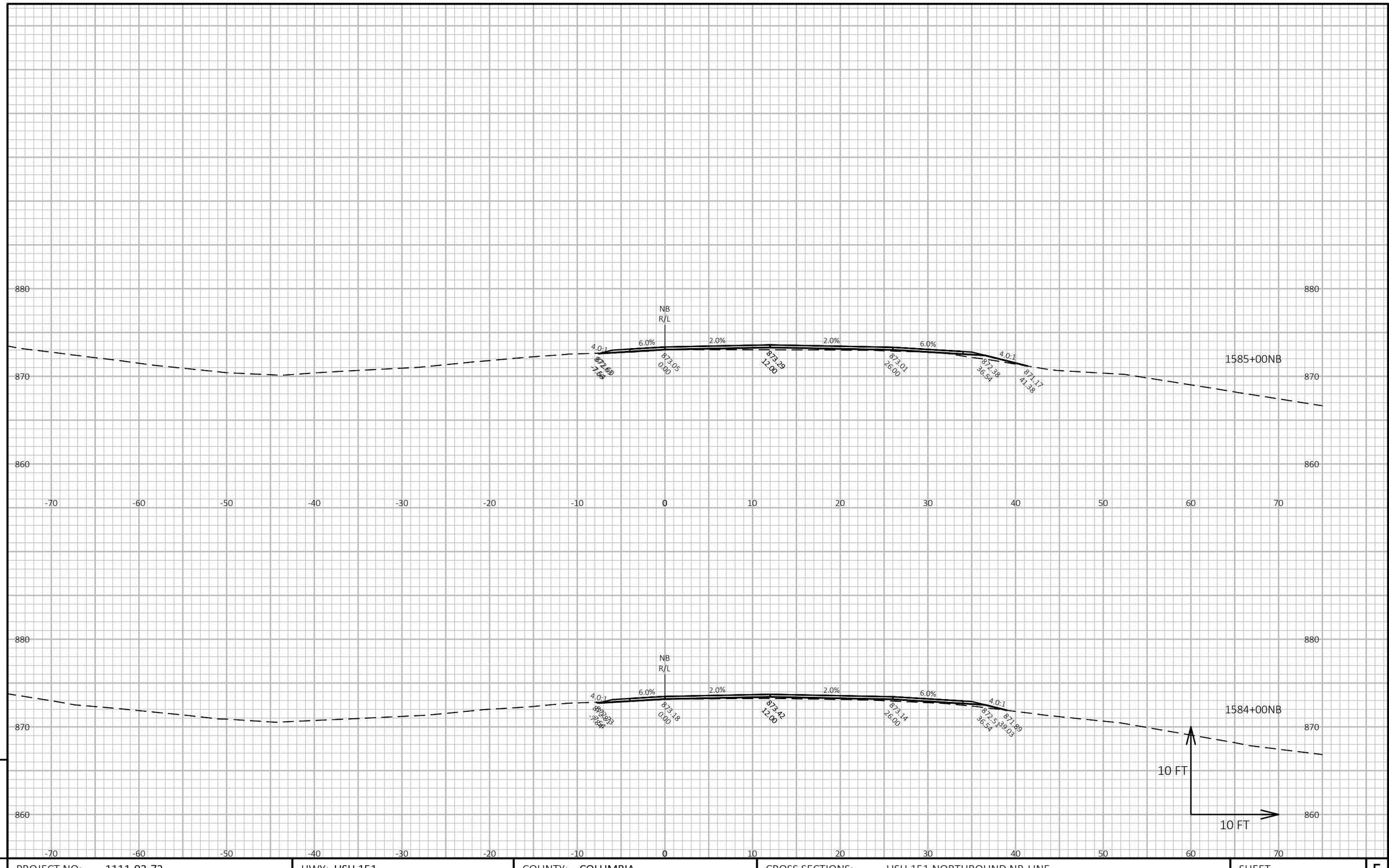
PLOT DATE : 2/14/2018 4:22 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 646	E

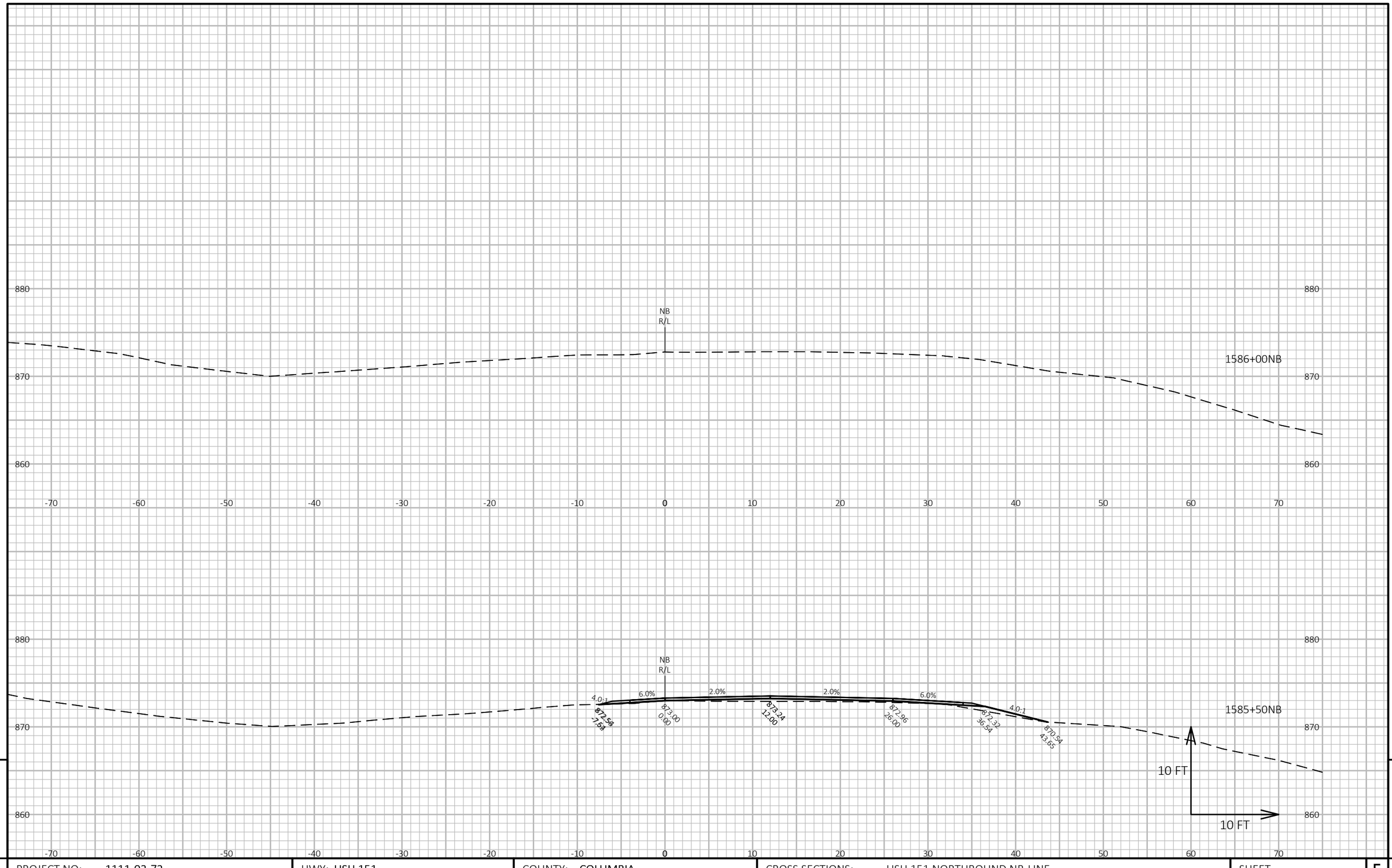
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LAYOUT NAME - 090424_xs-NB

PLOT DATE : 2/14/2018 4:22 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 NORTHBOUND NB-LINE	SHEET 647	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_NB.DWG
LAYOUT NAME - 090425_xs-NB

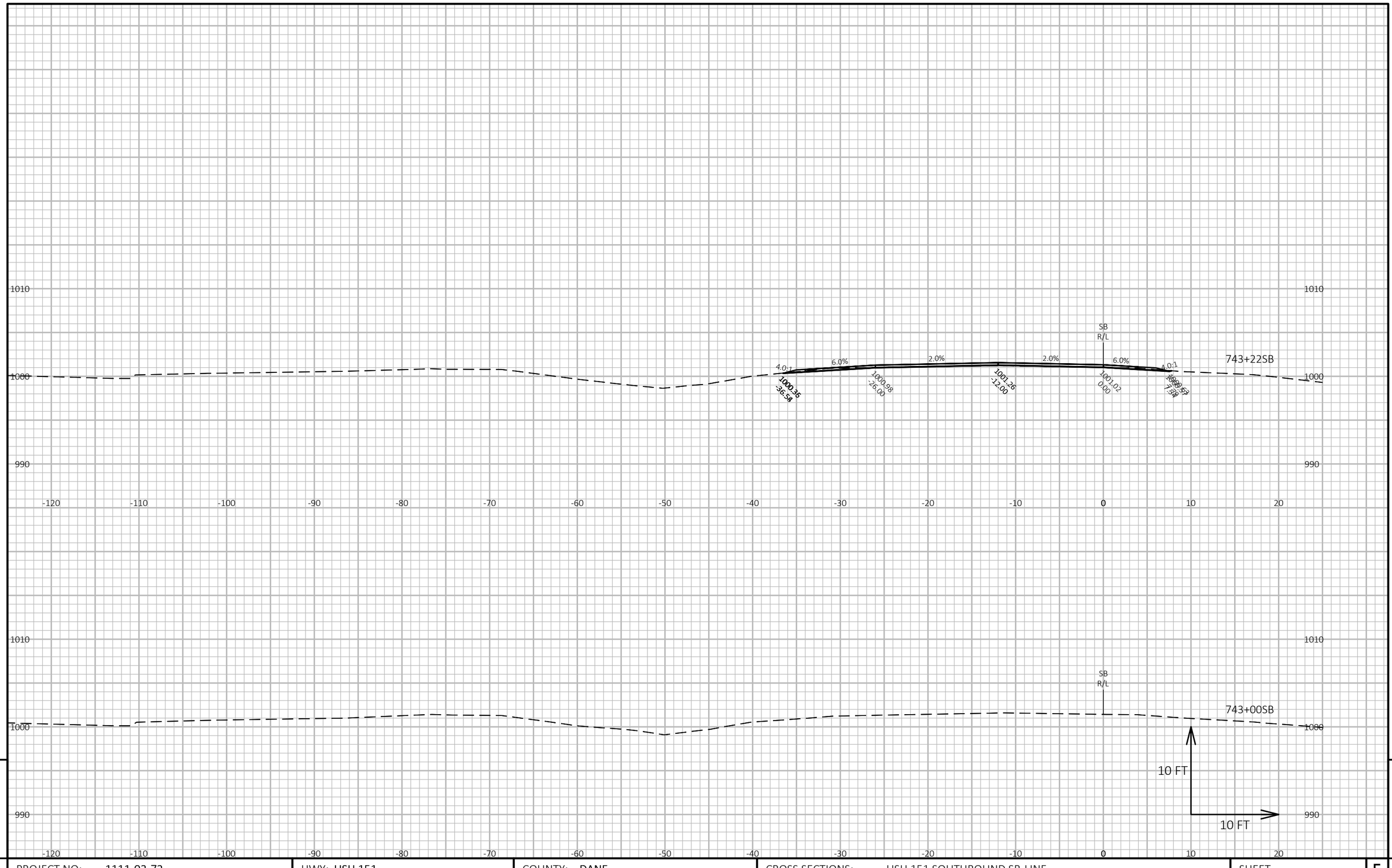
PLOT DATE : 2/14/2018 4:23 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



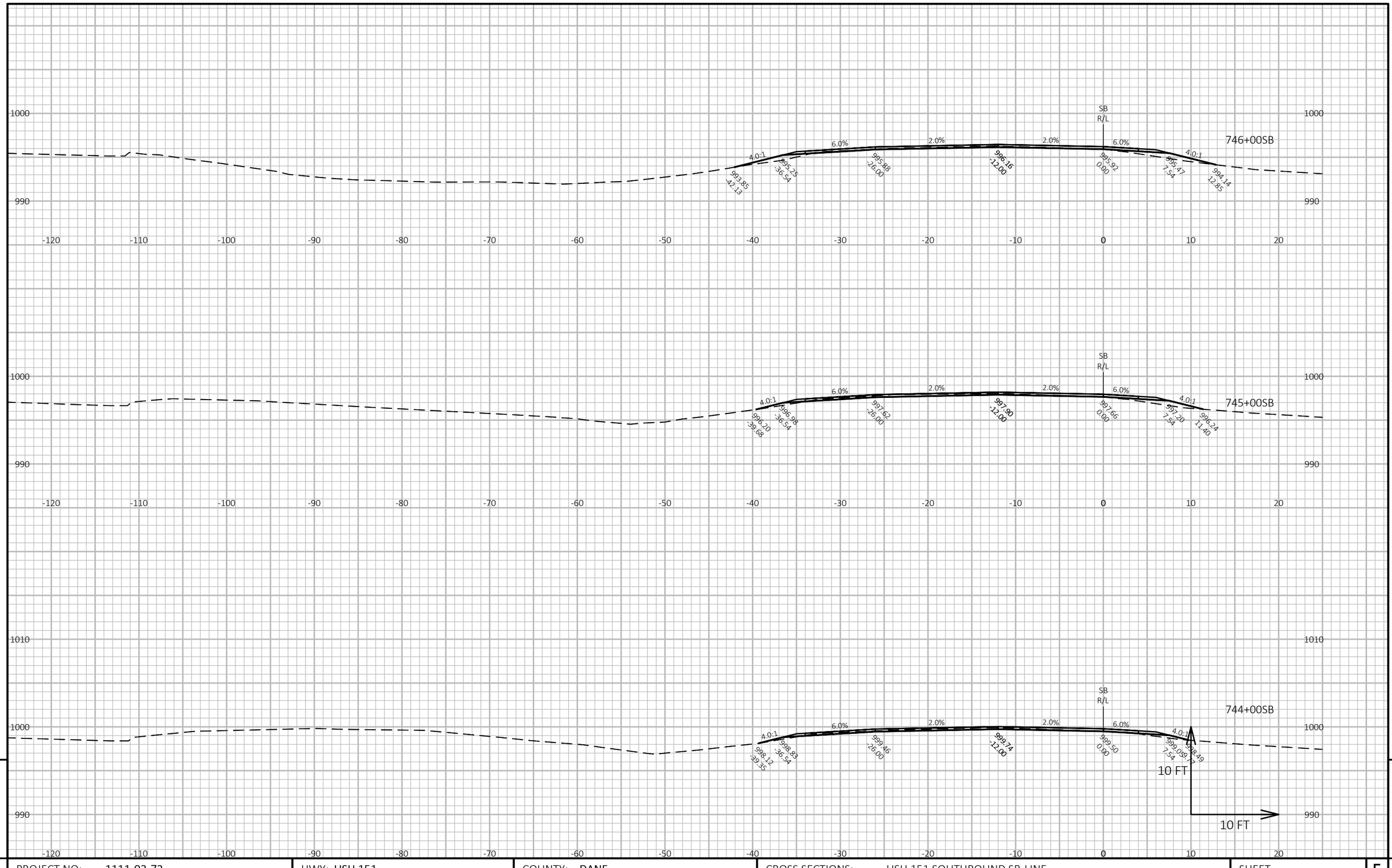
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 648	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090206_xs-SB

PLOT DATE : 4/24/2018 10:58 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 649	E

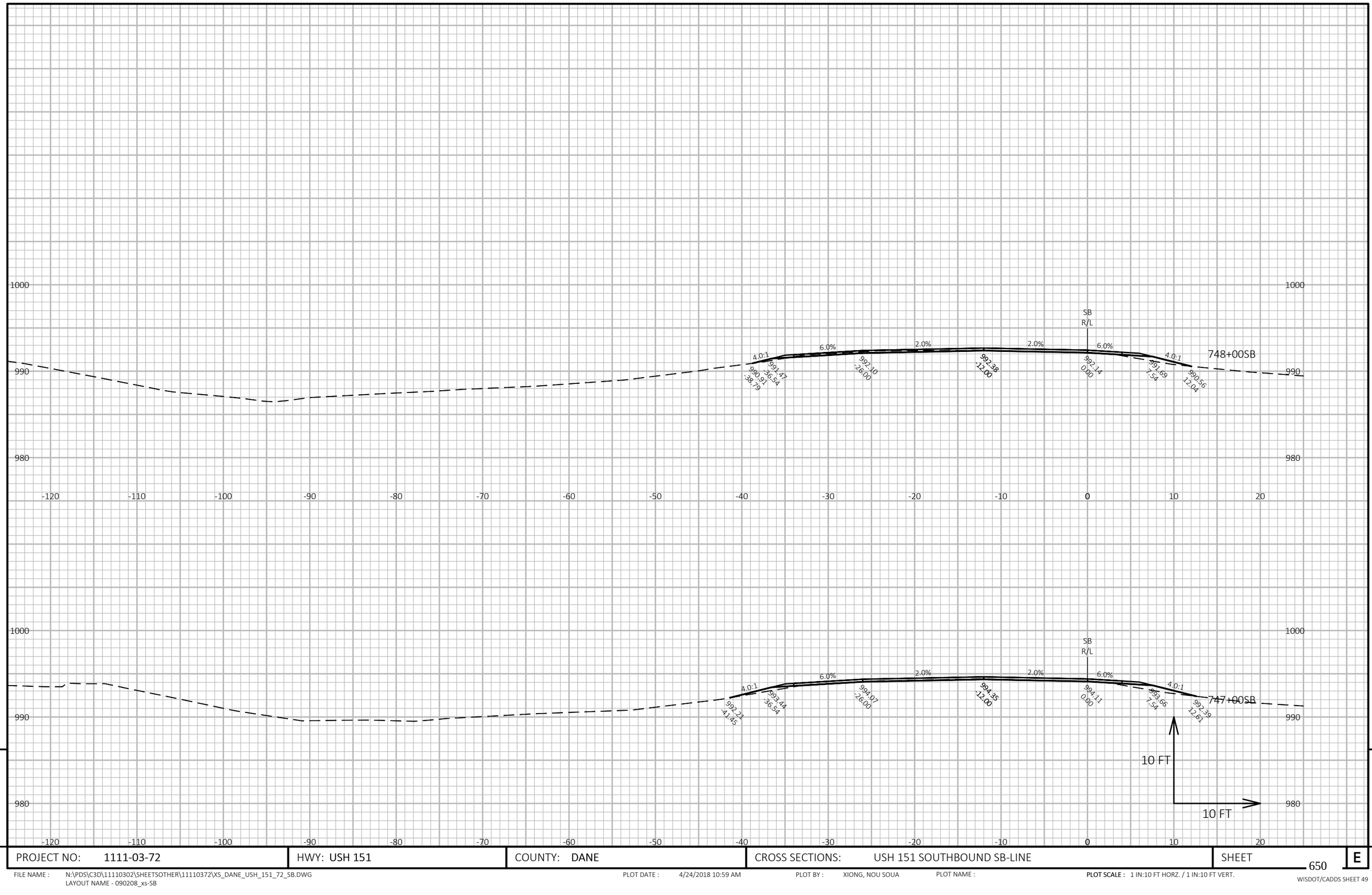
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LAYOUT NAME - 090207_xs-SB

PLOT DATE : 4/24/2018 10:59 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

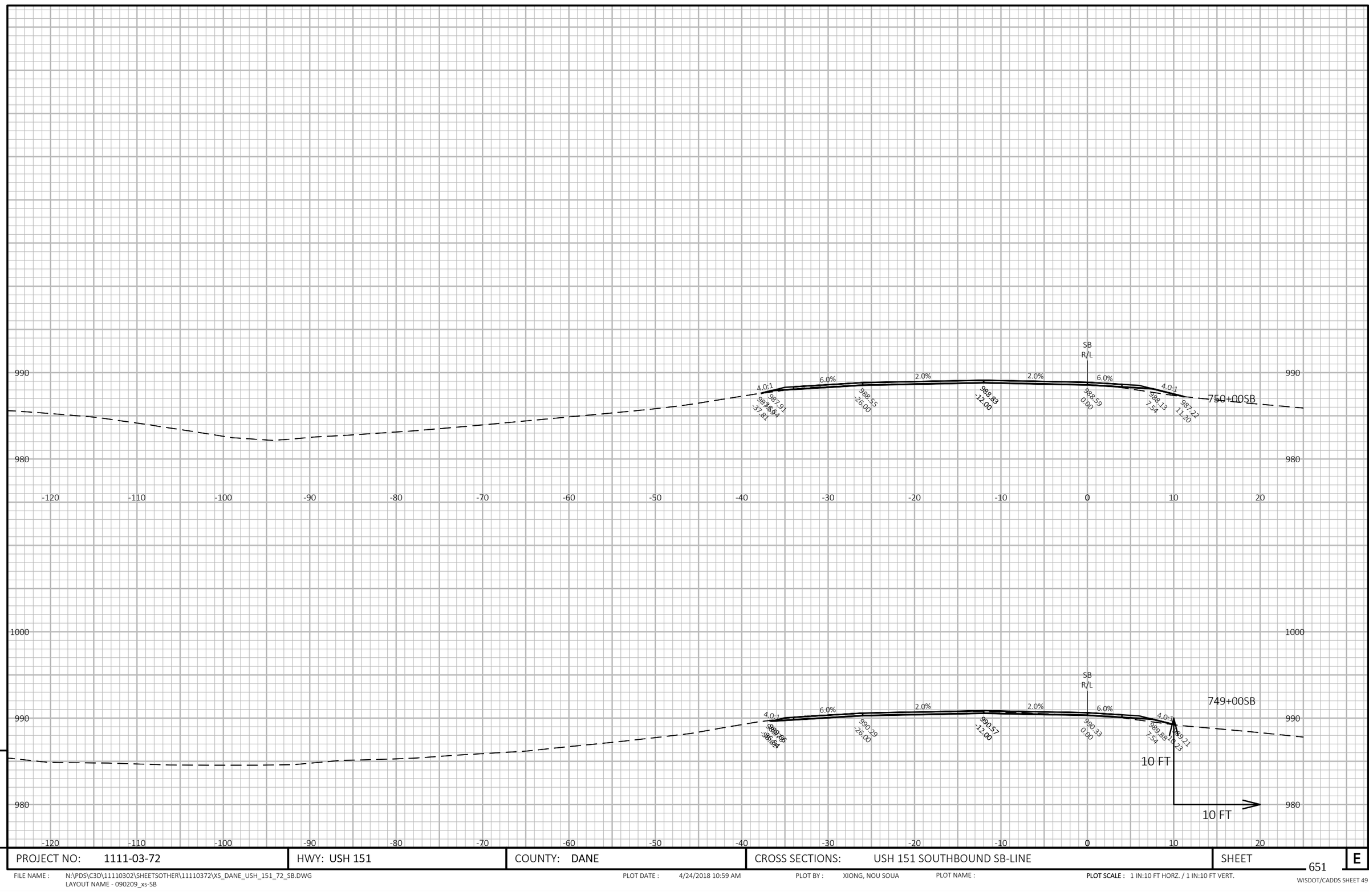


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 650

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090208_xs-SB

PLOT DATE : 4/24/2018 10:59 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 651	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090209_xs-SB

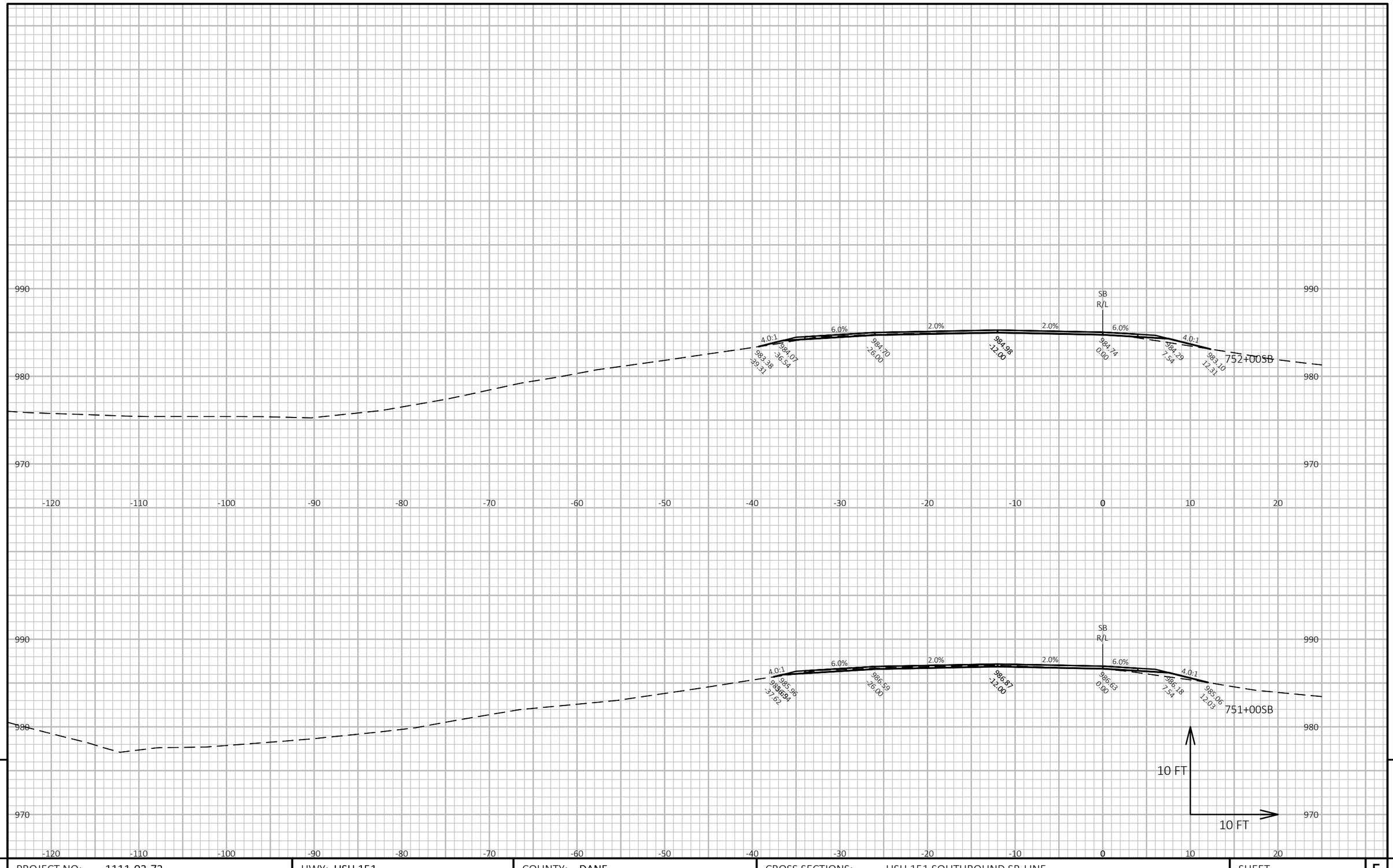
PLOT DATE : 4/24/2018 10:59 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

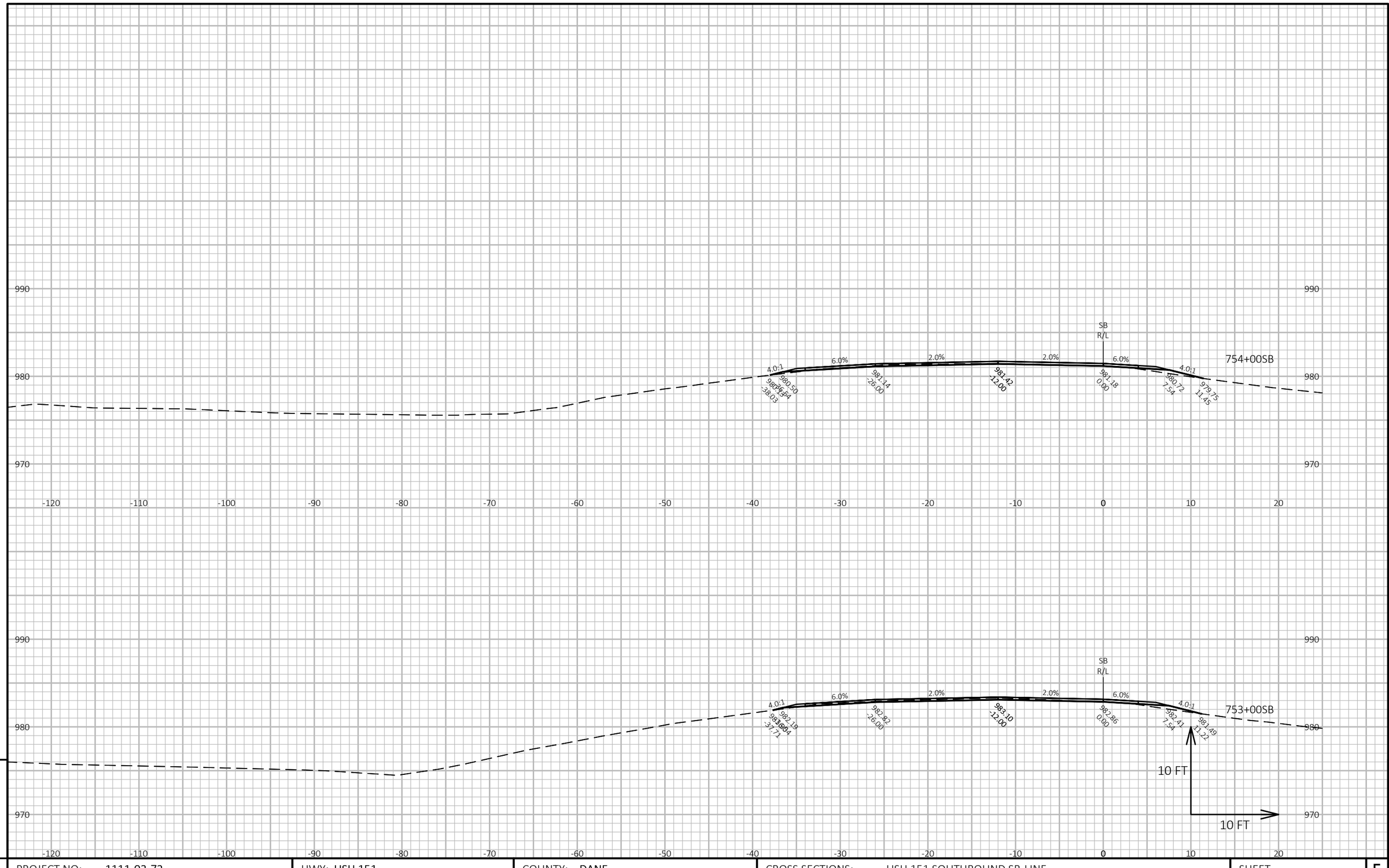


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 652 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090210_xs-SB

PLOT DATE : 4/24/2018 10:59 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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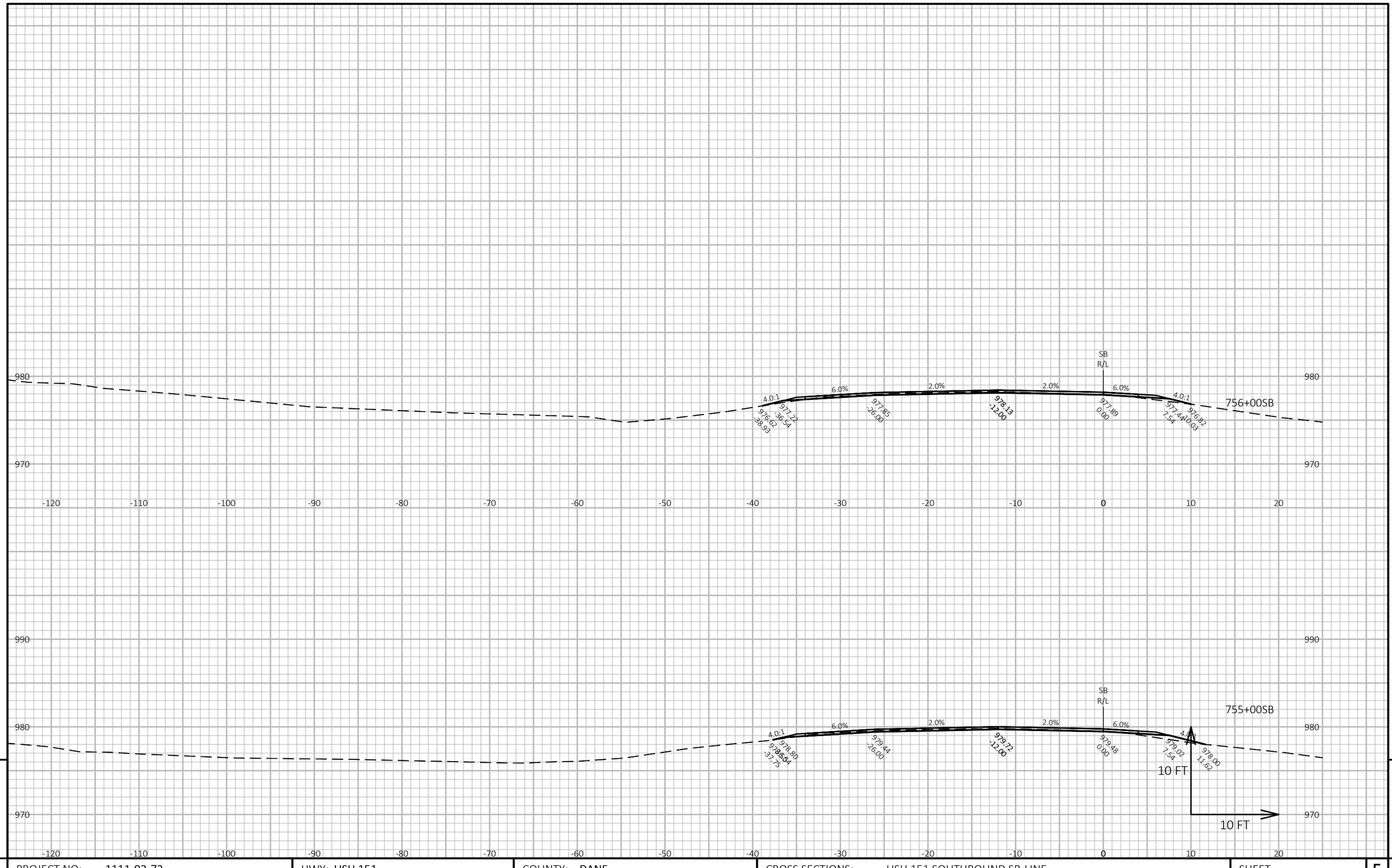
PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 653	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090211_xs-SB

PLOT DATE : 4/24/2018 10:59 AM PLOT BY : XIONG, NOU SOUA PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



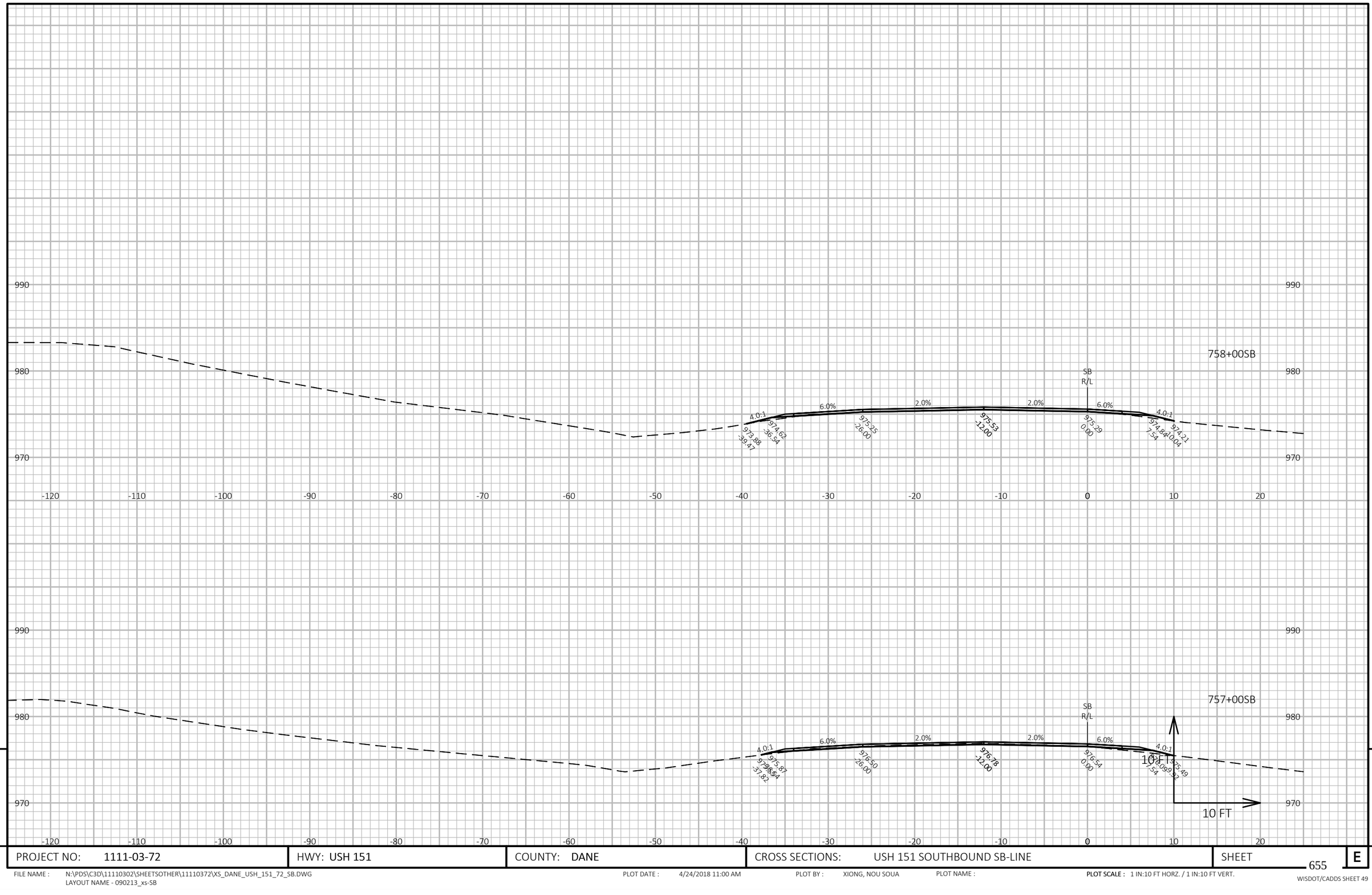
PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 654	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090212_xs-SB

PLOT DATE : 4/24/2018 11:00 AM PLOT BY : XIONG, NOU SOUA PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



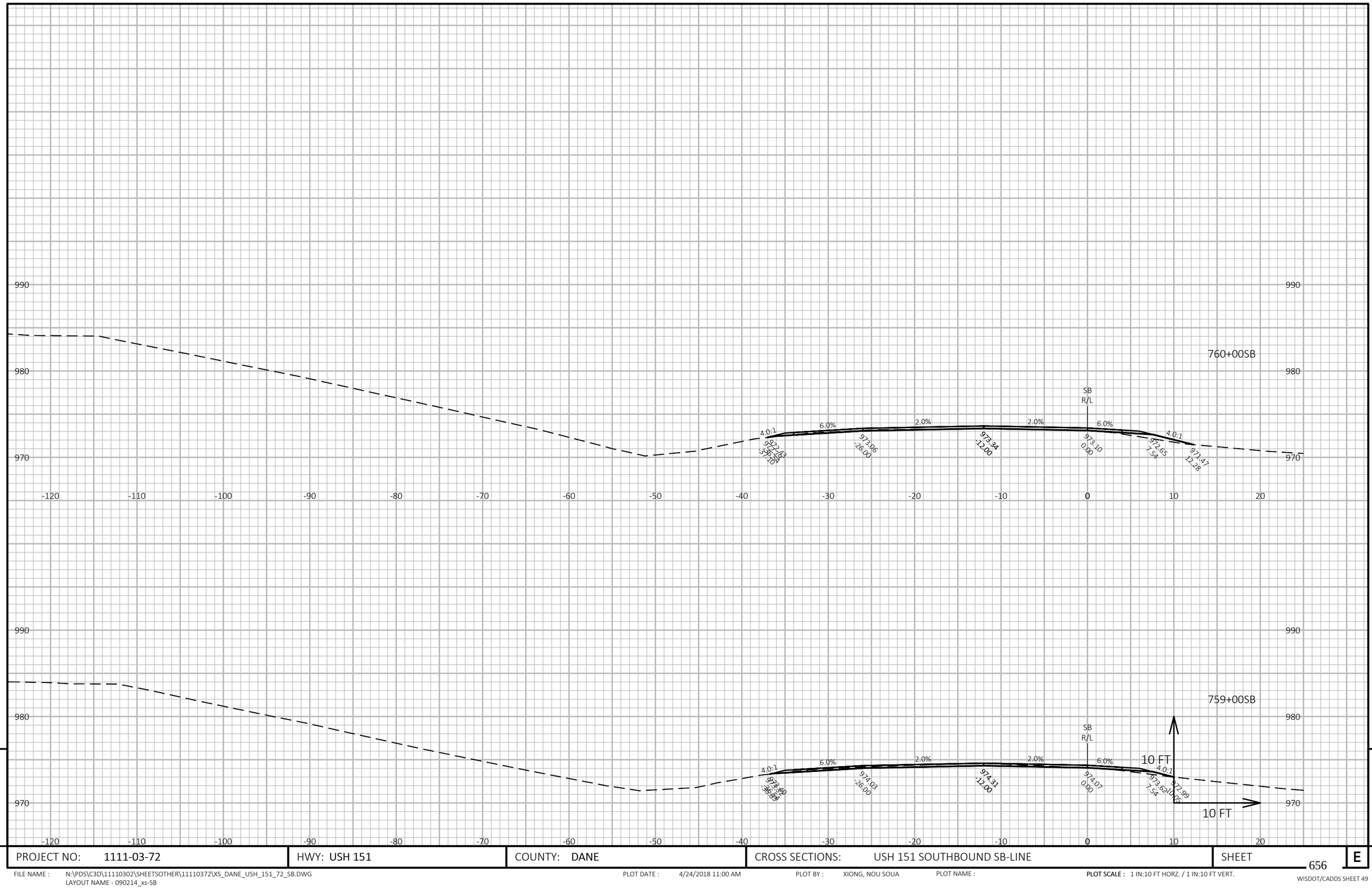
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 655	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090213_xs-SB

PLOT DATE : 4/24/2018 11:00 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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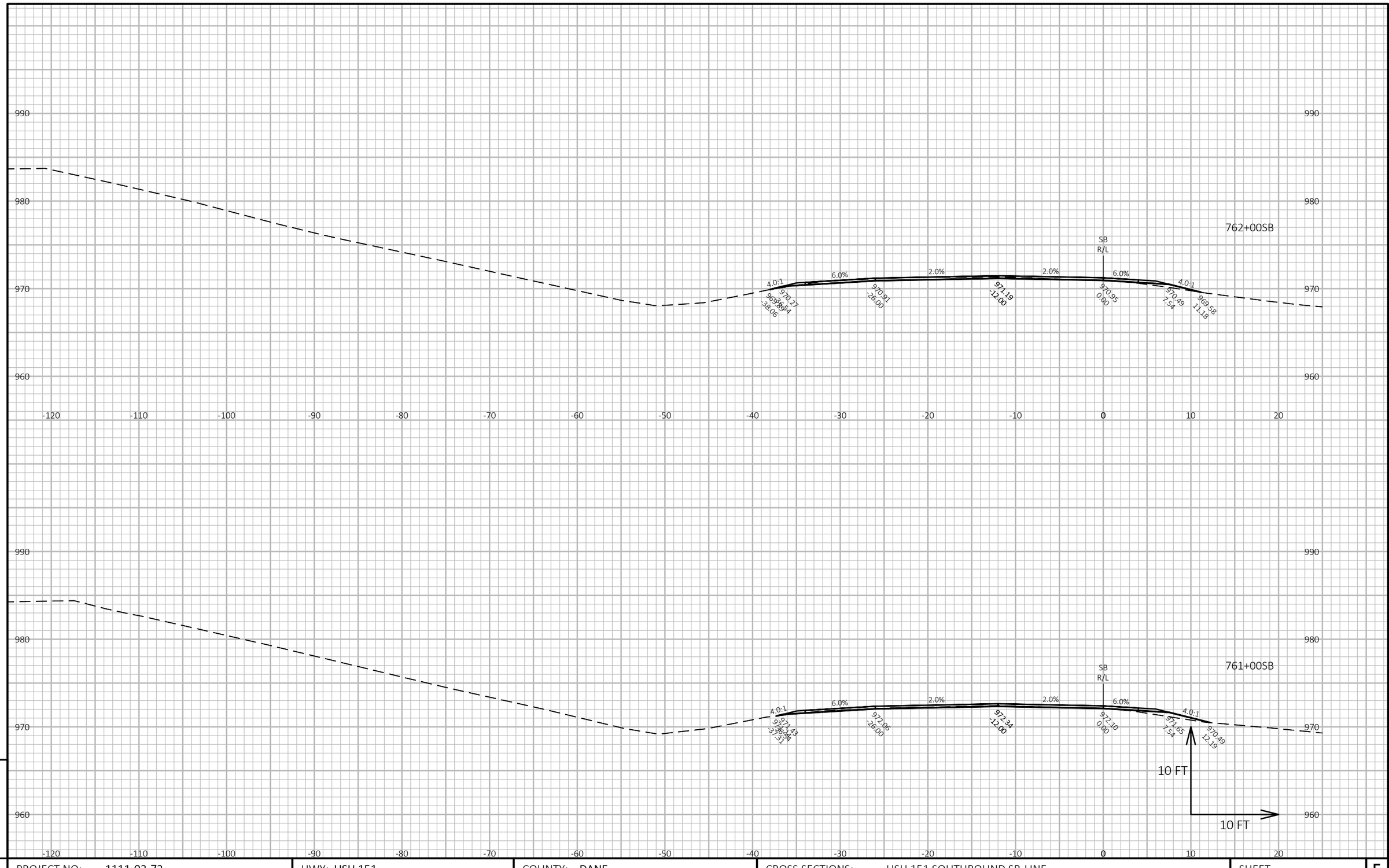
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 656	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090214_xs-SB

PLOT DATE : 4/24/2018 11:00 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 657	E

9

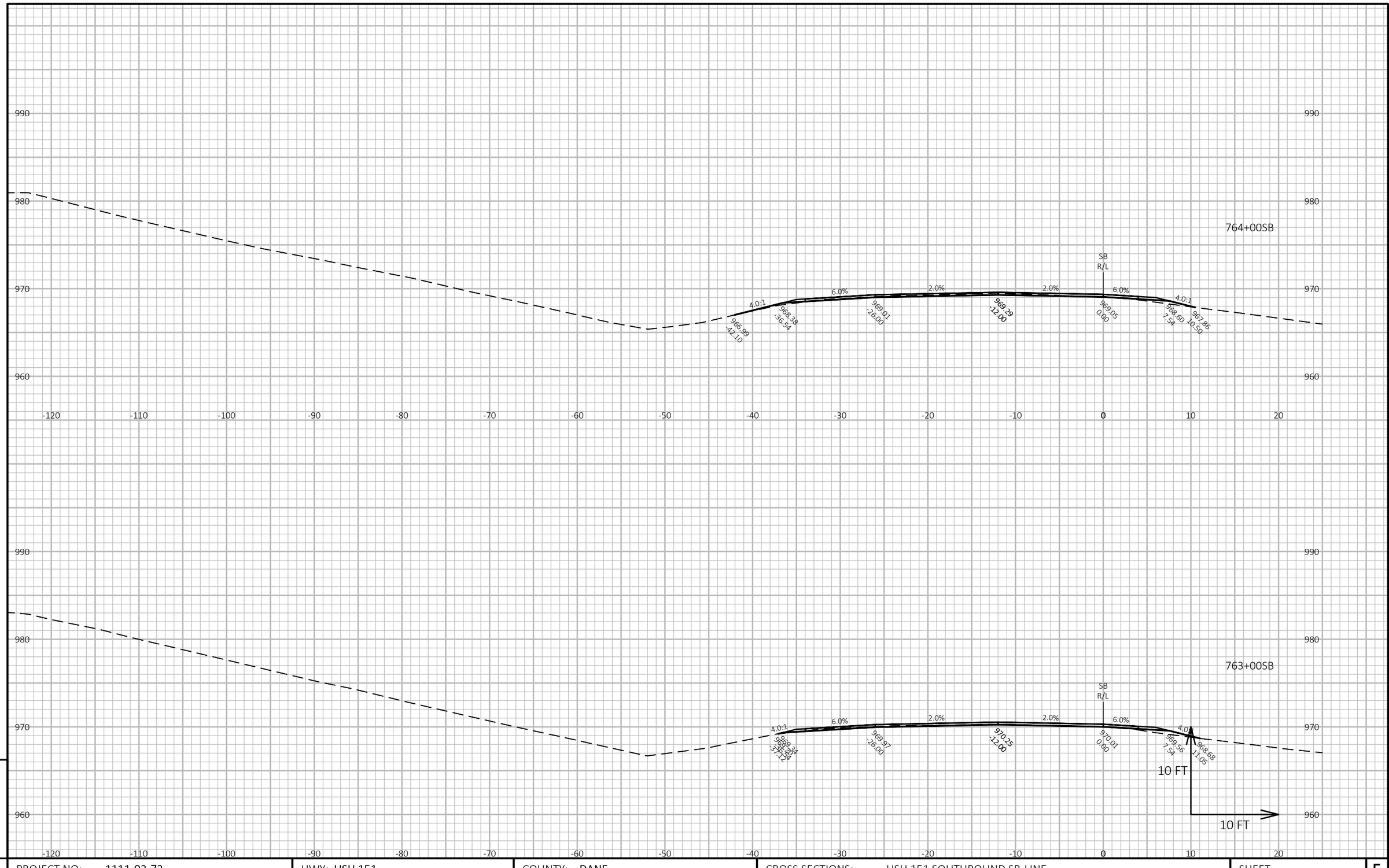
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LAYOUT NAME - 090215_xs-SB

PLOT DATE : 4/24/2018 11:00 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 658	E

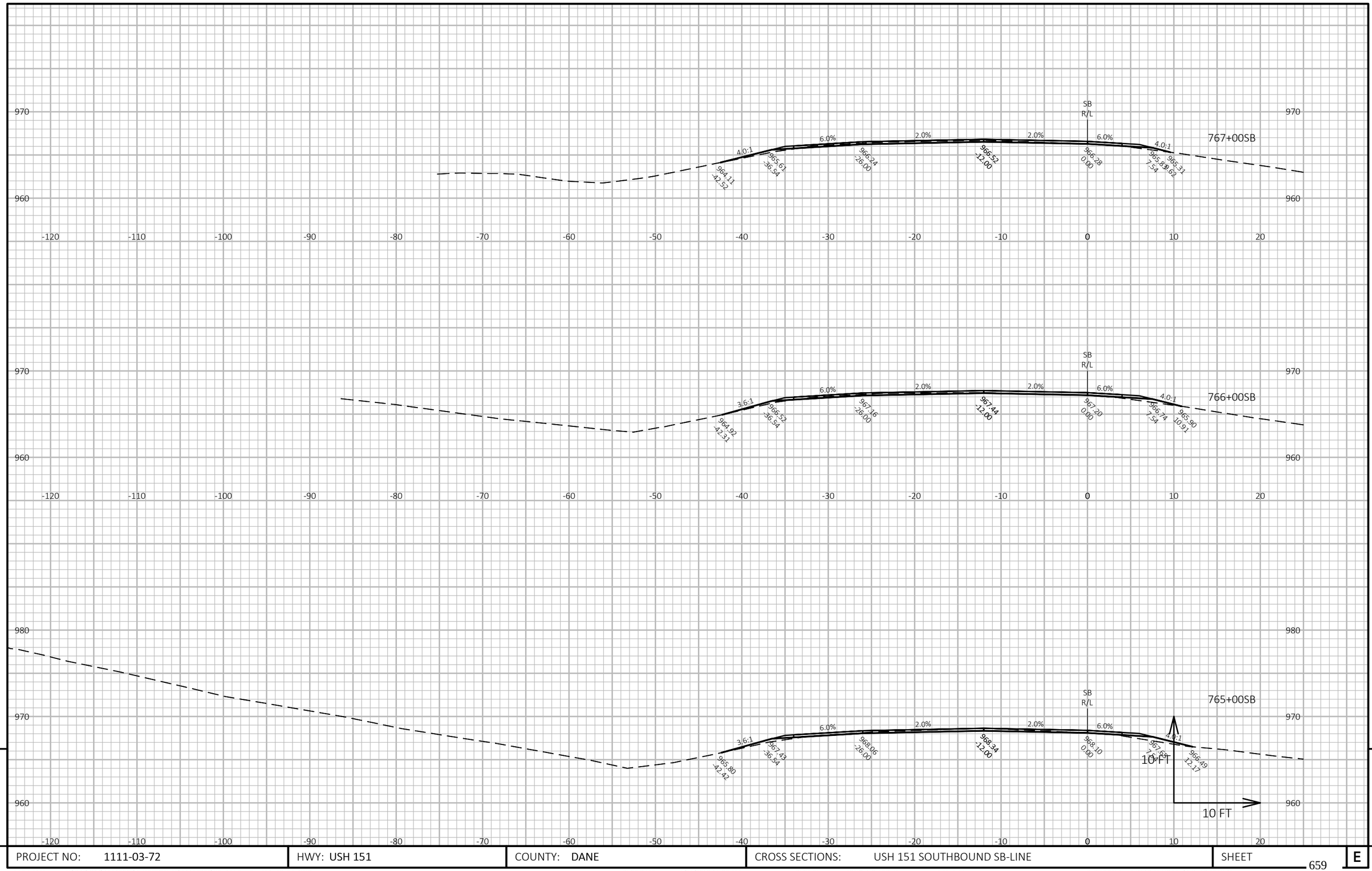
FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090216_xs-SB

PLOT DATE : 4/24/2018 11:00 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 659	E

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LAYOUT NAME - 090217_xs-SB

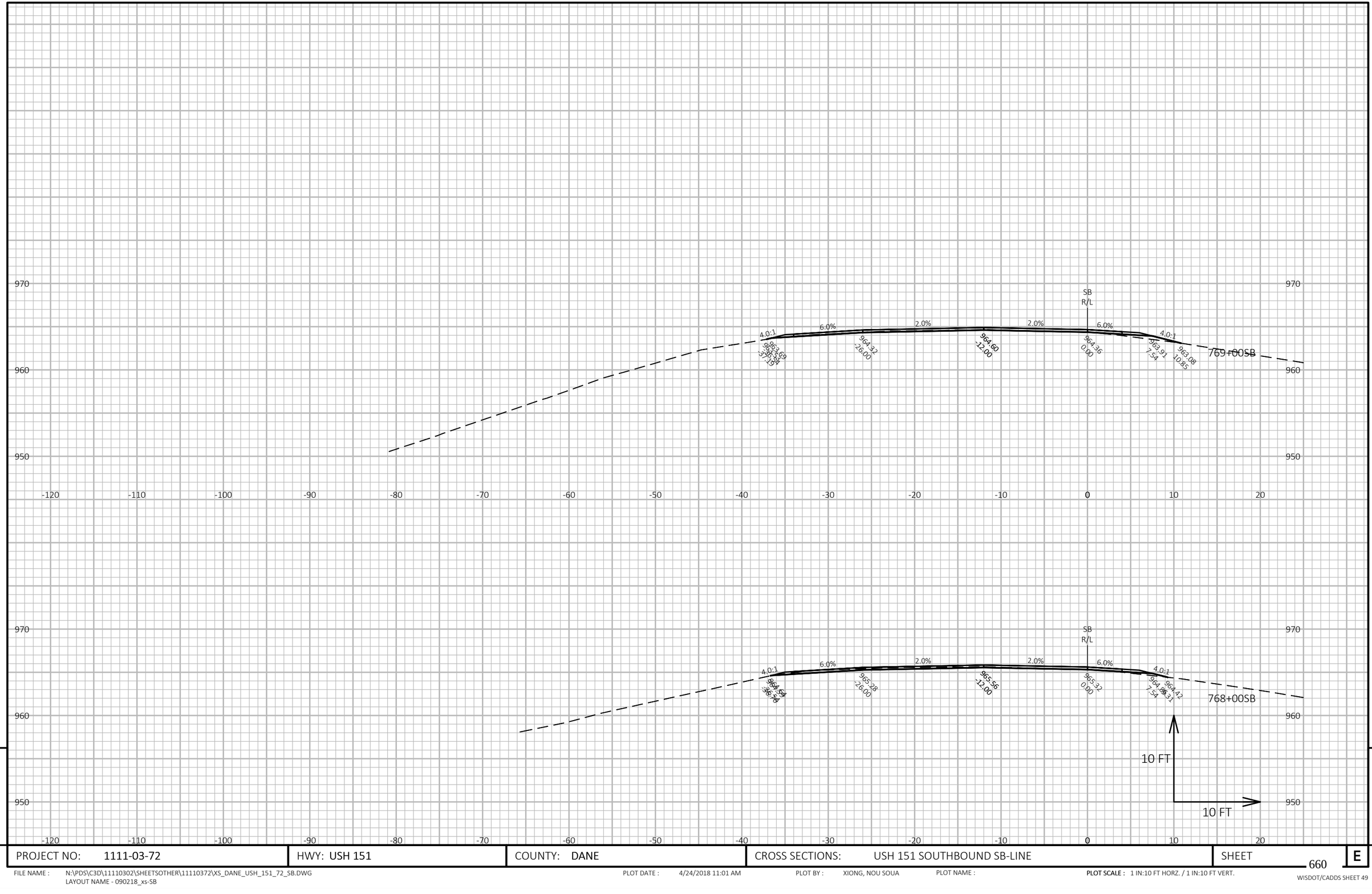
PLOT DATE : 4/24/2018 11:00 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 660	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090218_xs-SB

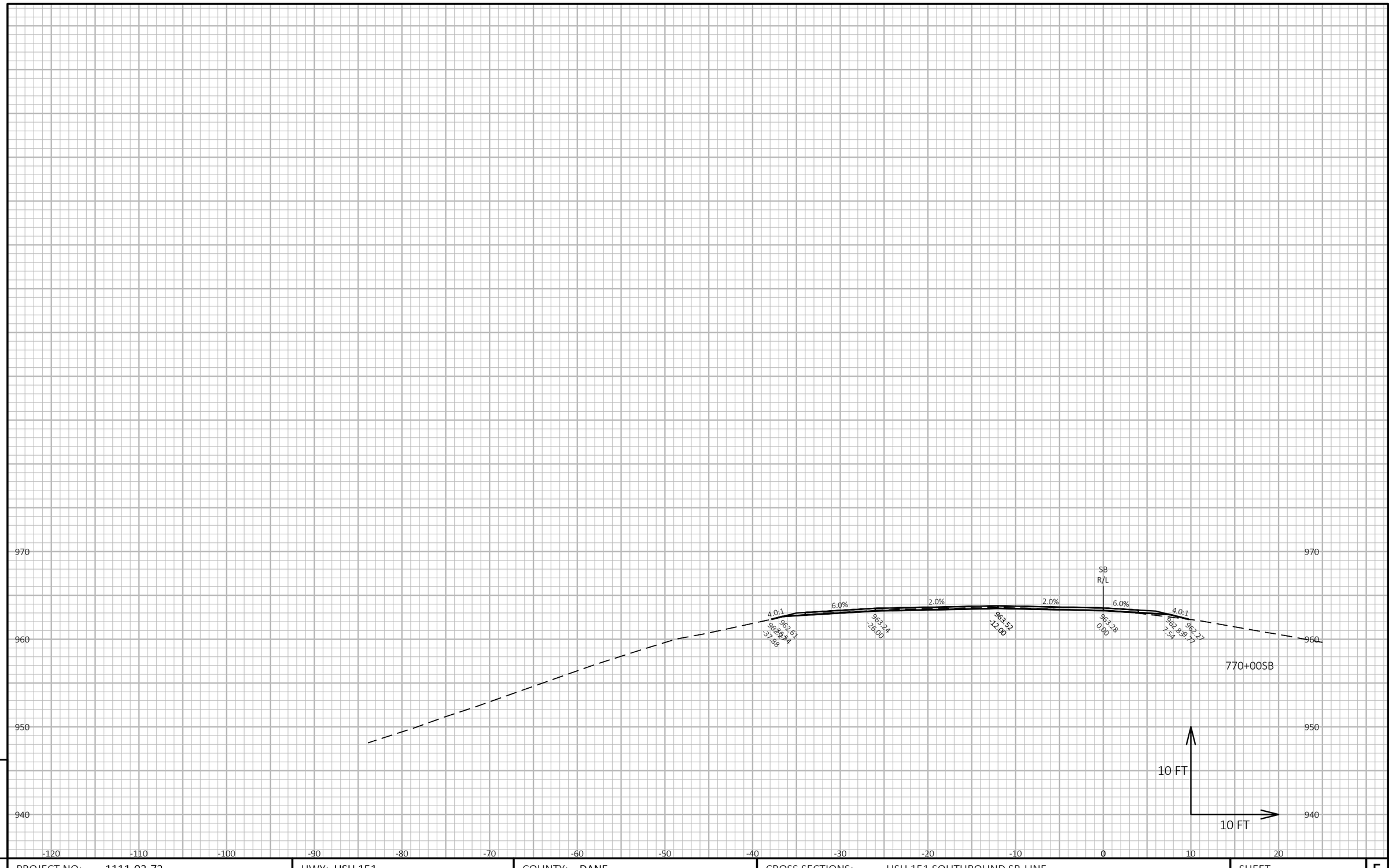
PLOT DATE : 4/24/2018 11:01 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 661	E

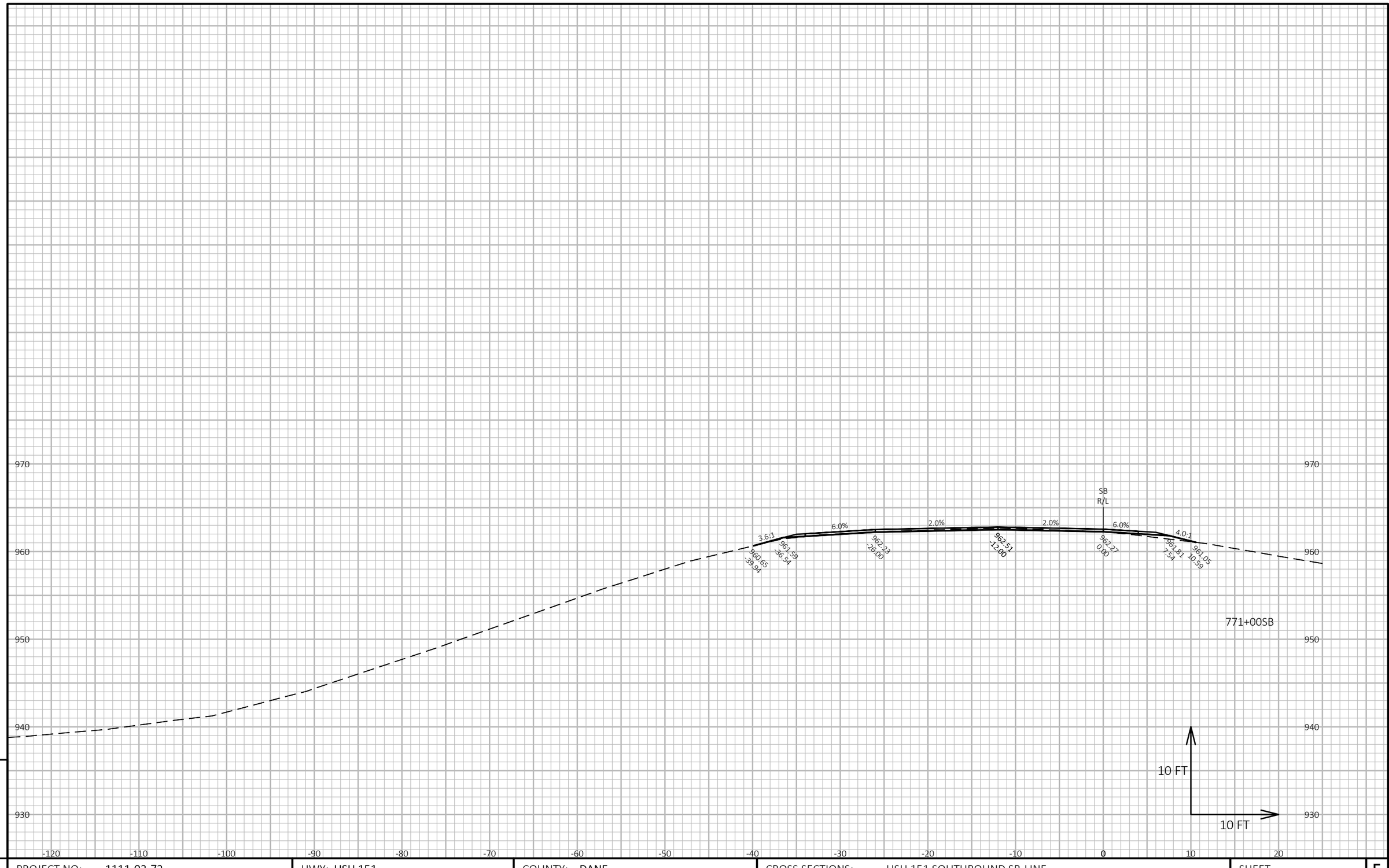
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LAYOUT NAME - 090219_xs-SB

PLOT DATE : 4/24/2018 11:01 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



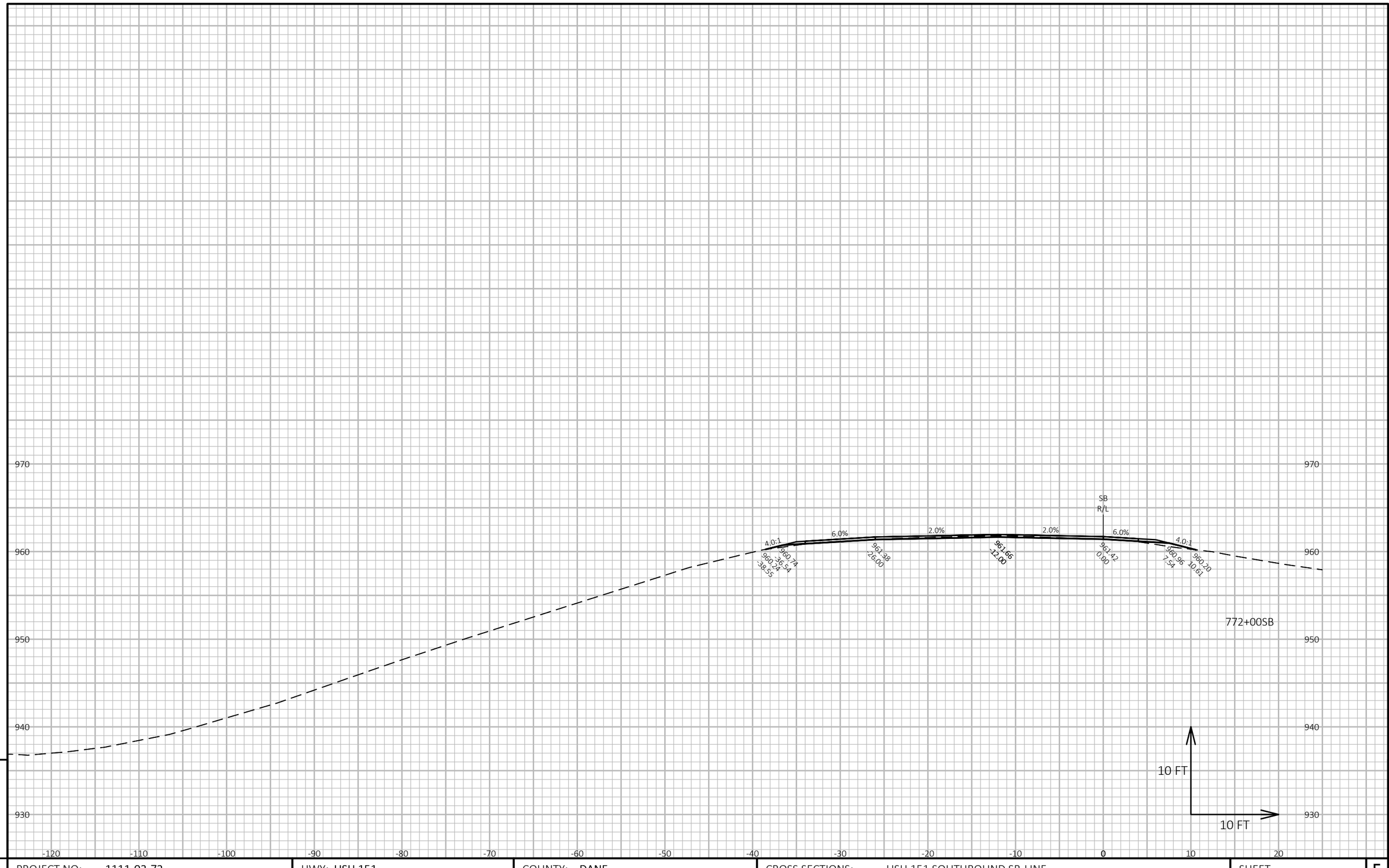
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 662	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090220_xs-SB

PLOT DATE : 4/24/2018 11:01 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



9

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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 663	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090221_xs-SB

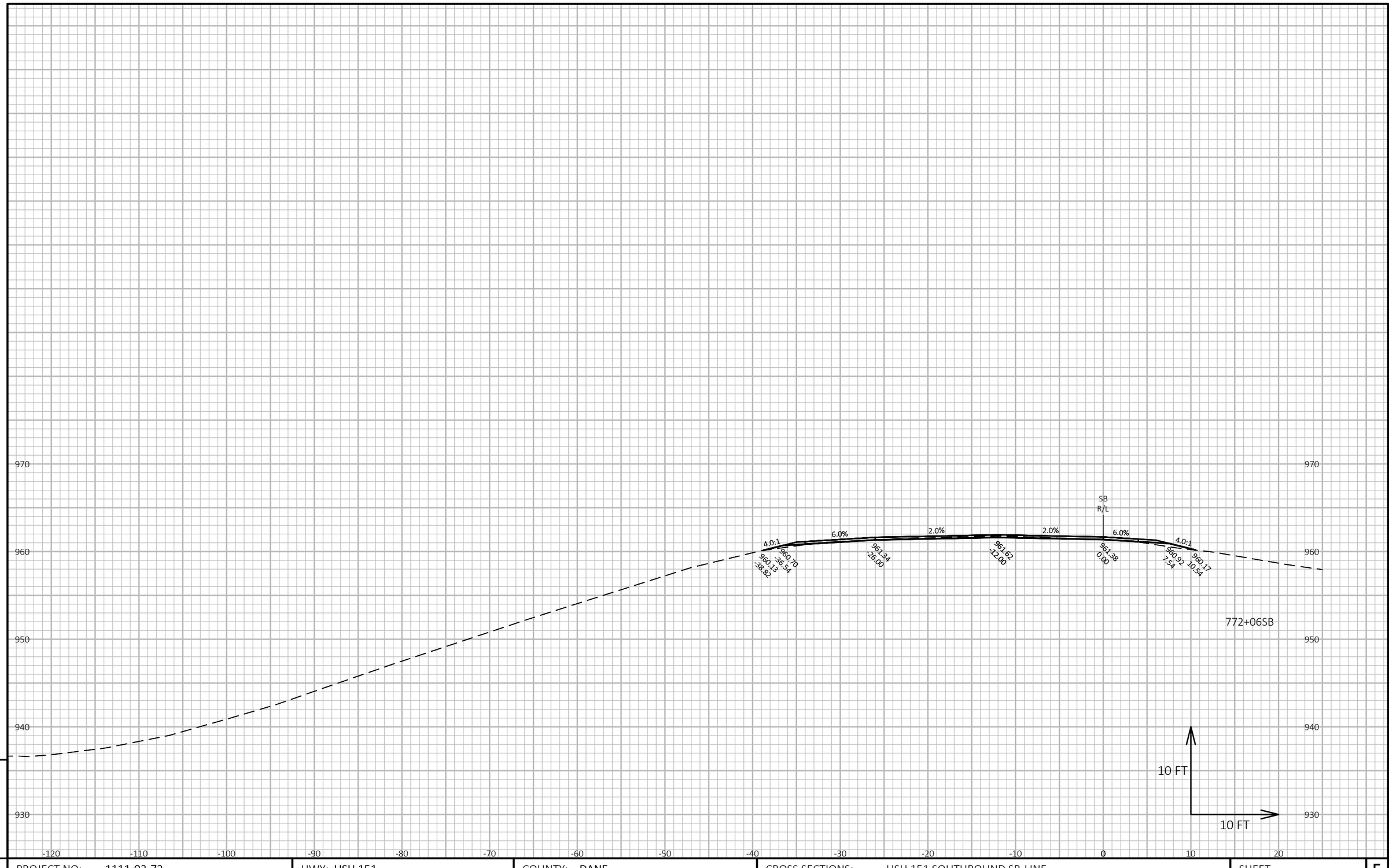
PLOT DATE : 4/24/2018 11:01 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

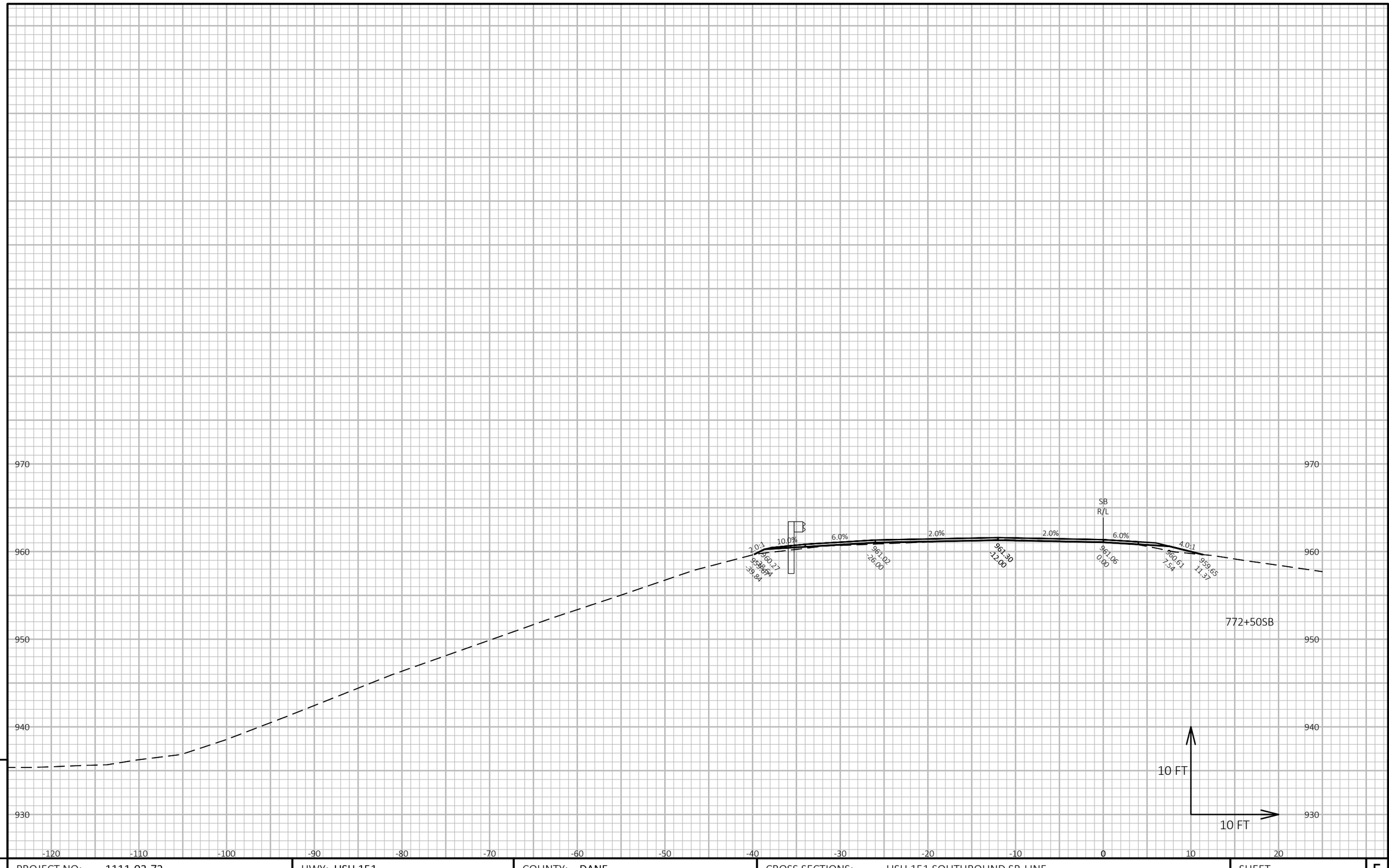
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 664	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090222_xs-SB

PLOT DATE : 4/24/2018 11:01 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 665	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090223_xs-SB

PLOT DATE : 4/24/2018 11:01 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

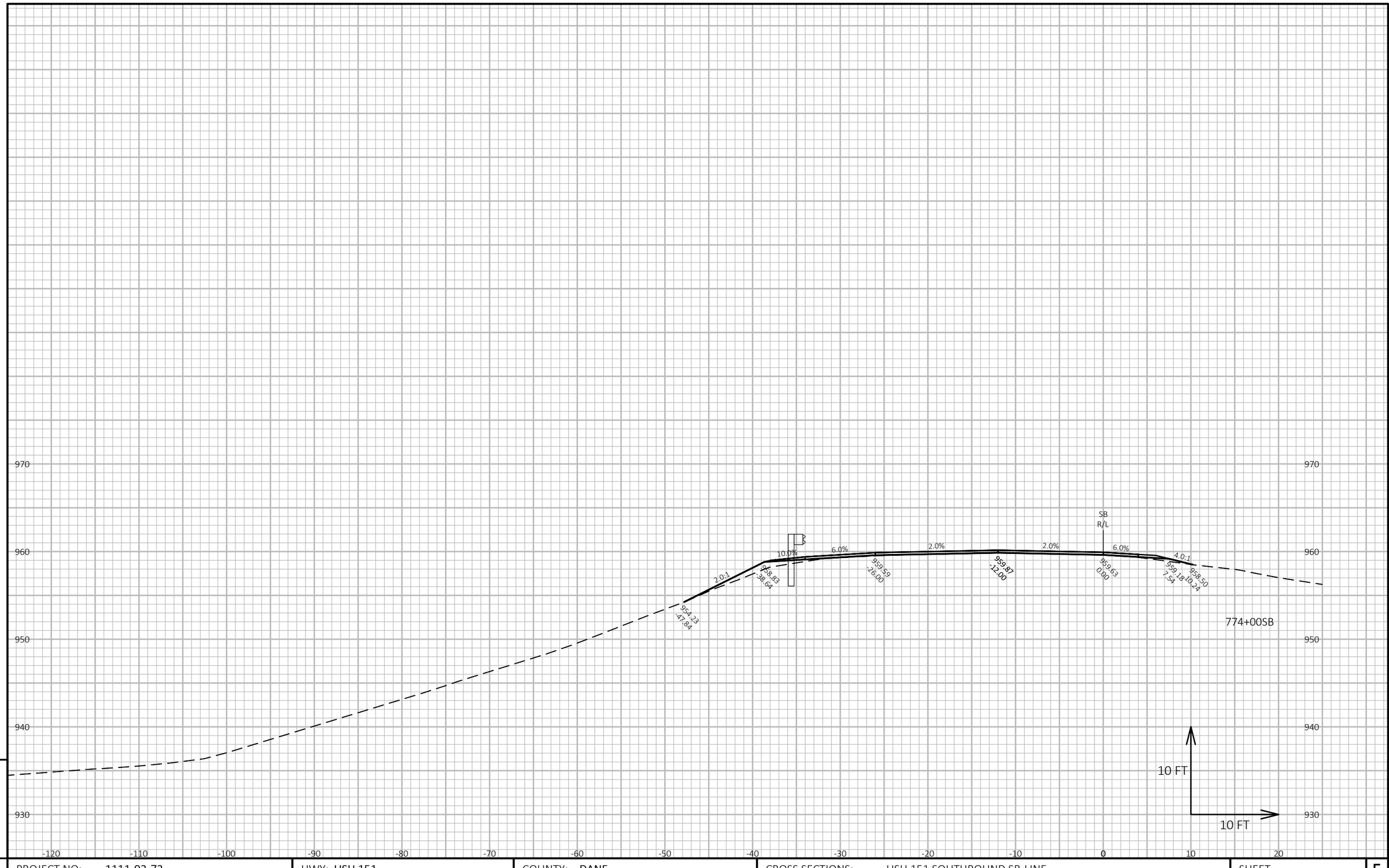
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

970
960
950
940
930
-120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20
2.0:1
10.0%
6.0%
2.0%
2.0%
6.0%
4.0:1
959.80
959.64
959.06
-40.13
960.56
-26.00
960.84
-12.00
SB
R/L
960.60
0.00
960.15
7.54
959.30
10.94
773+00SB
10 FT
10 FT
9
9

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 666	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090224_xs-SB
PLOT DATE : 4/24/2018 11:02 AM
PLOT BY : XIONG, NOU SOUA
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

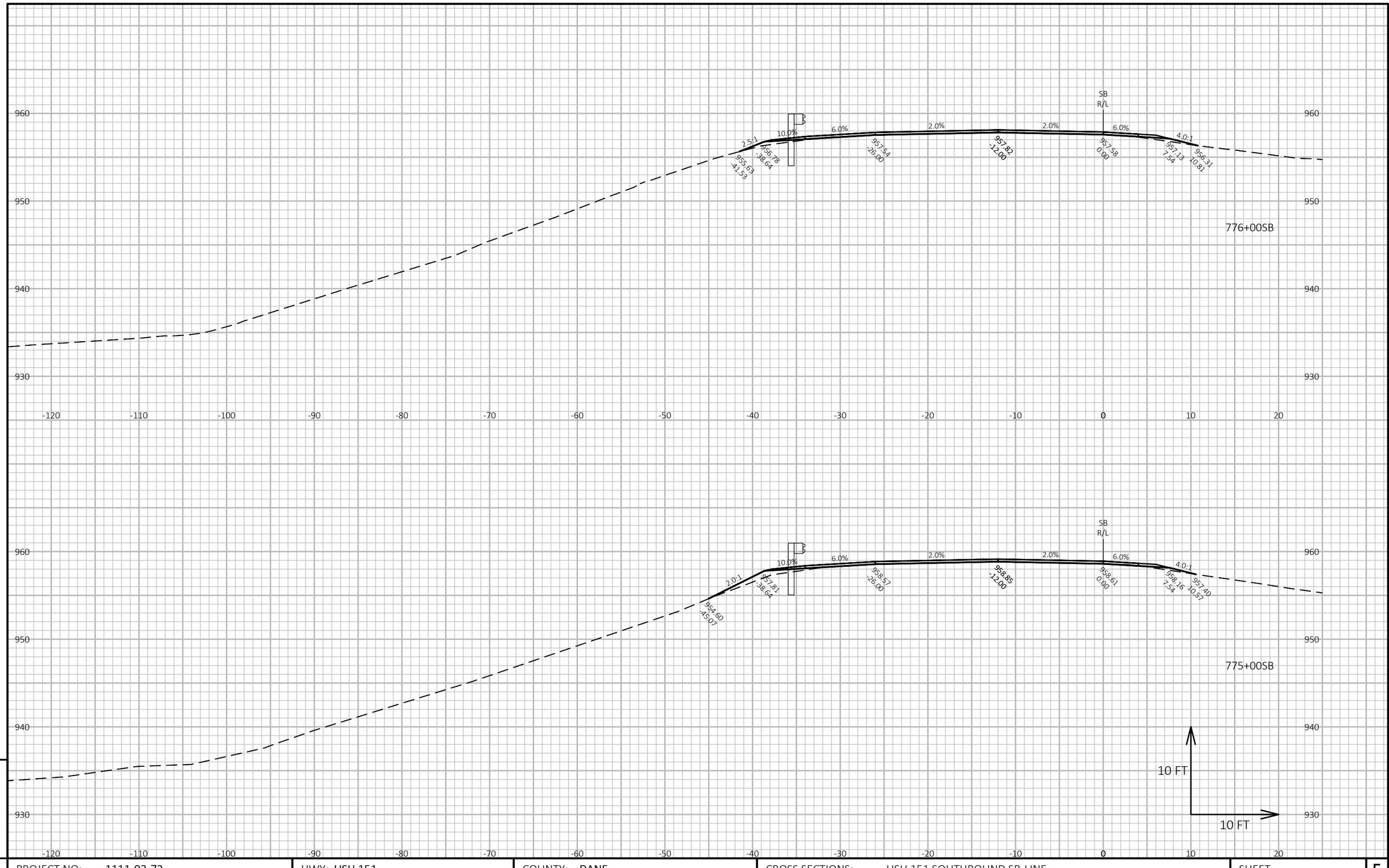


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 667

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090225_xs-SB

PLOT DATE : 4/24/2018 11:02 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 668	E

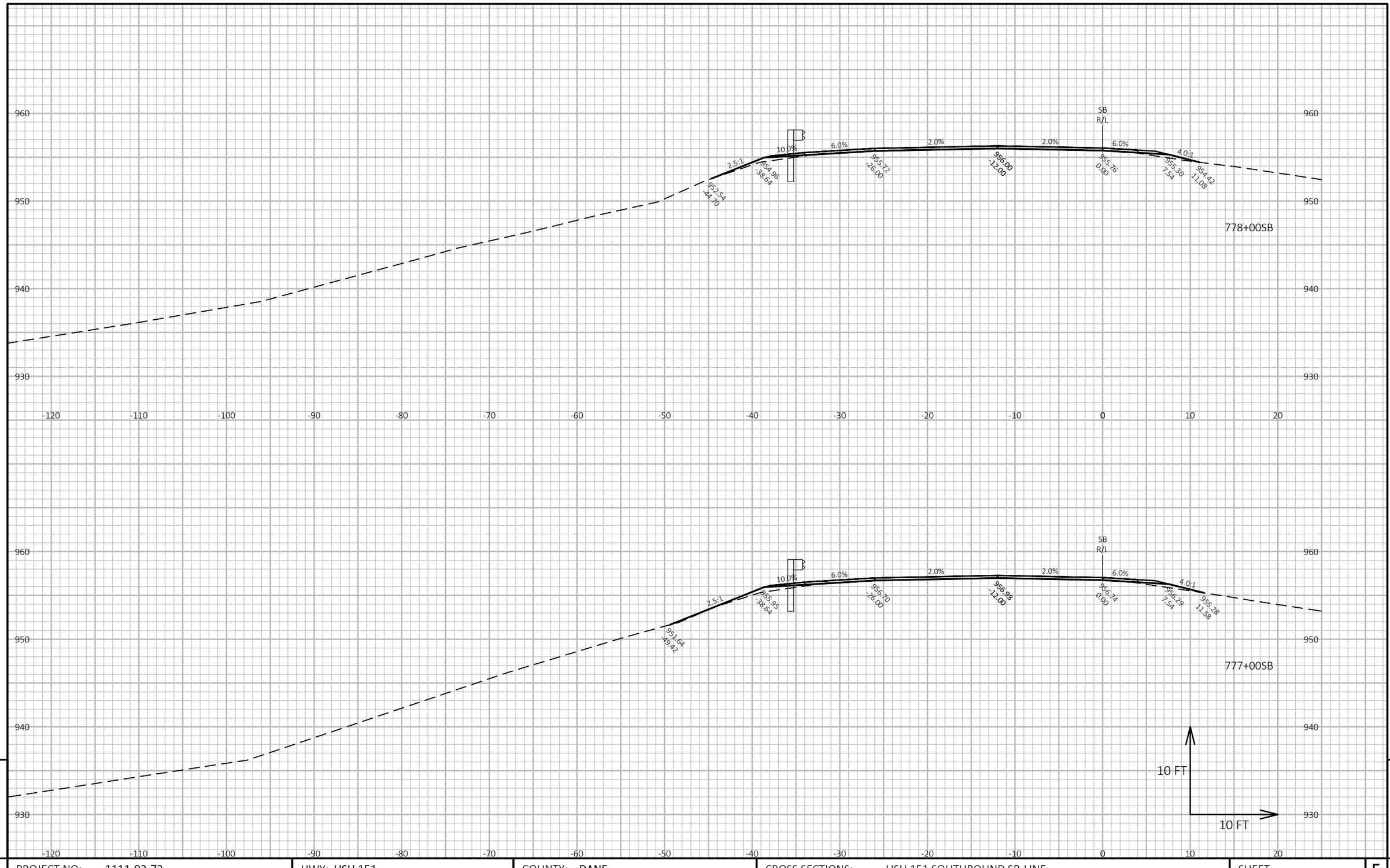
FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090226_xs-SB

PLOT DATE : 4/24/2018 11:02 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

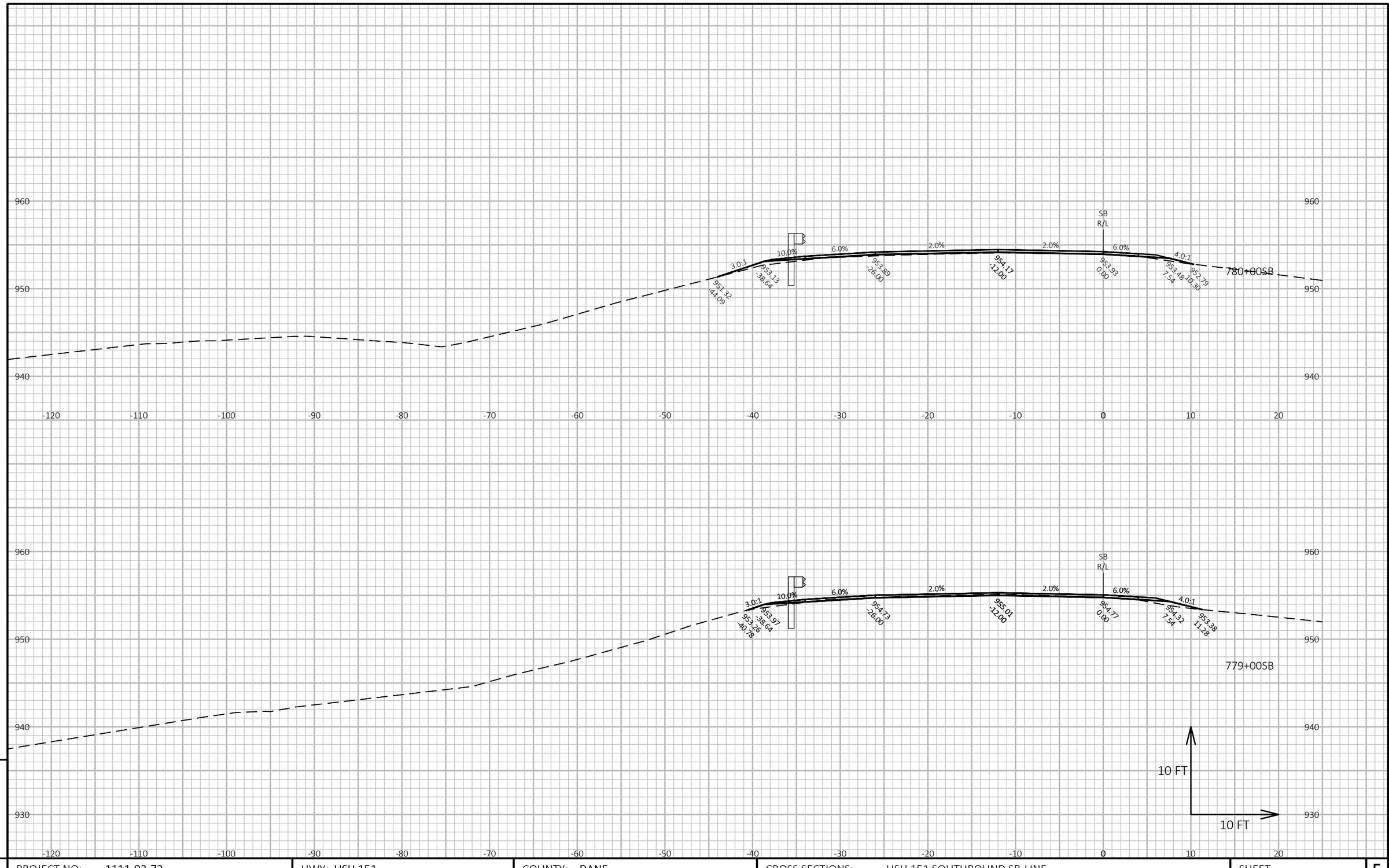


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 669 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090227_xs-SB

PLOT DATE : 4/24/2018 11:02 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

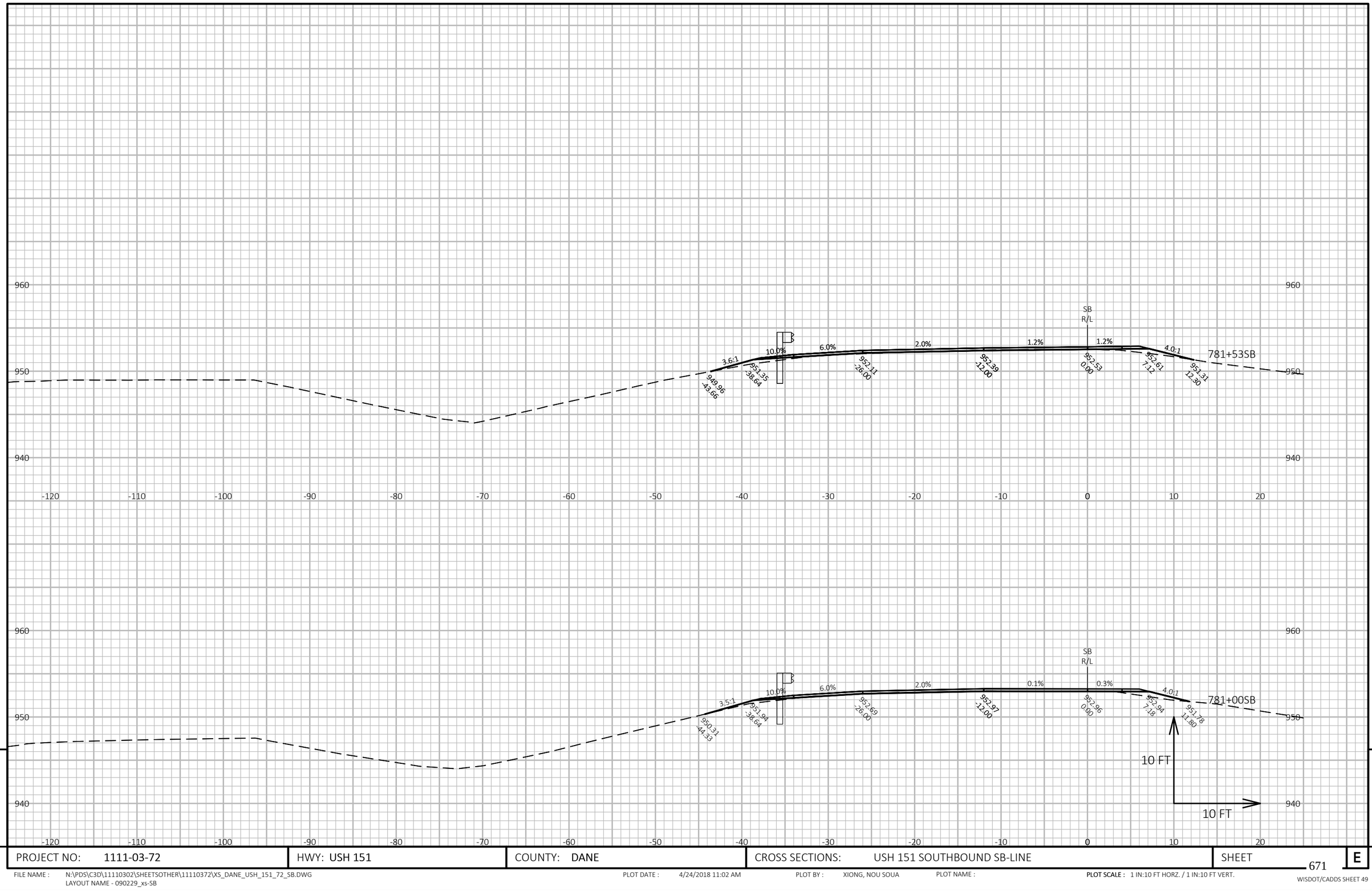


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 670 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090228_xs-SB

PLOT DATE : 4/24/2018 11:02 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

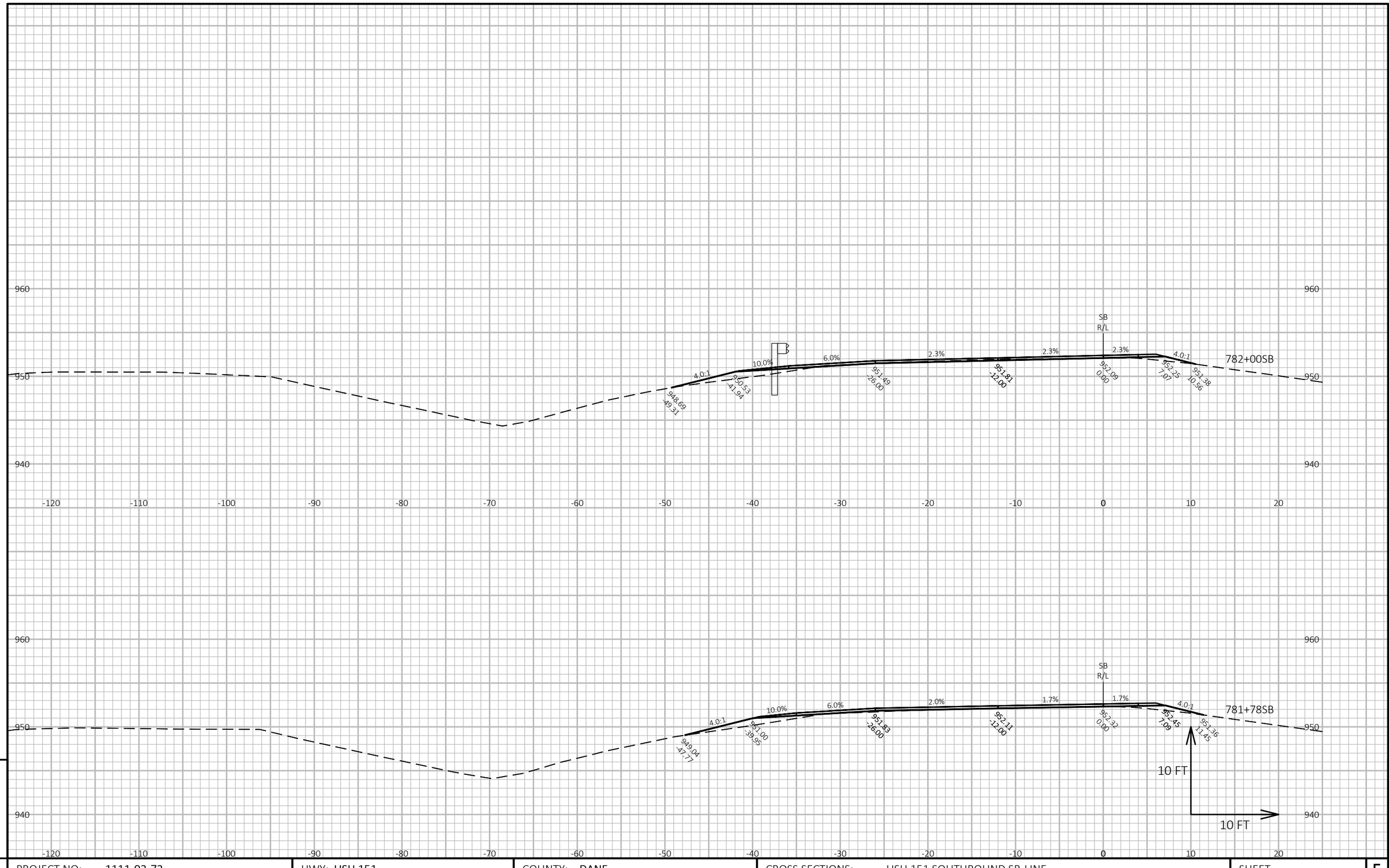


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 671

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090229_xs-SB

PLOT DATE : 4/24/2018 11:02 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

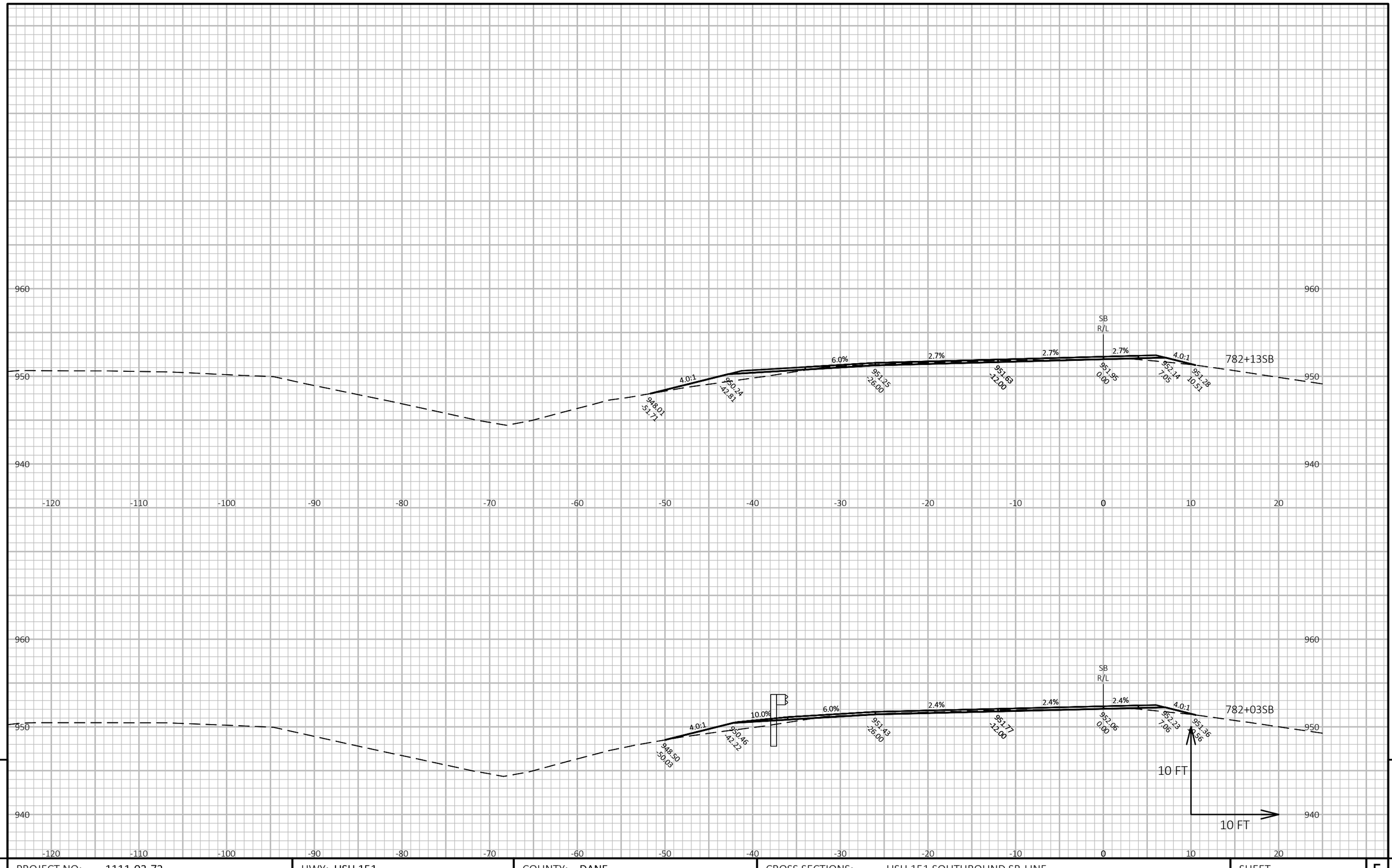


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 672 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090230_xs-SB

PLOT DATE : 4/24/2018 11:03 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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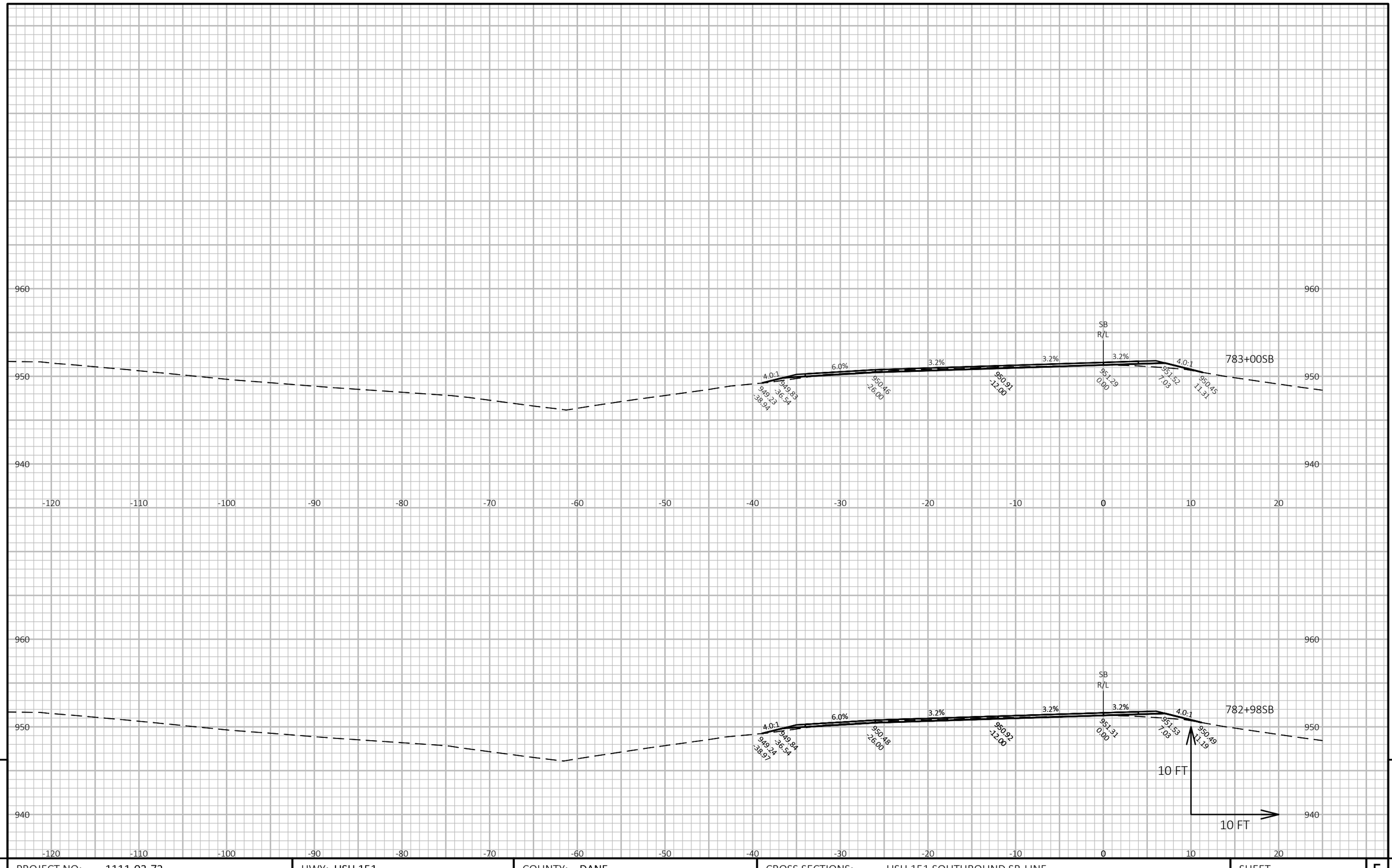
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 673	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090231_xs-SB

PLOT DATE : 4/24/2018 11:03 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 674	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090232_xs-SB

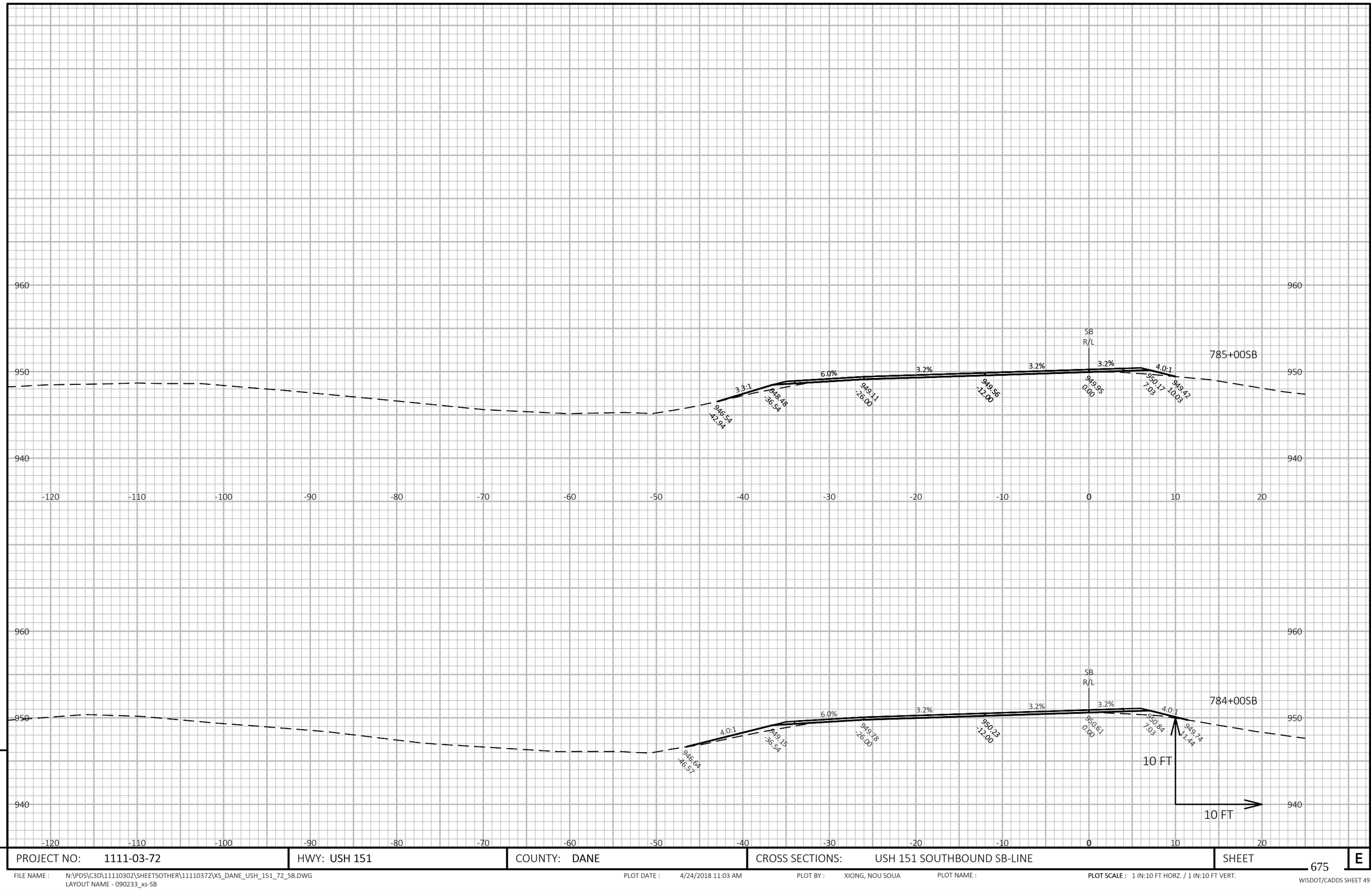
PLOT DATE : 4/24/2018 11:03 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

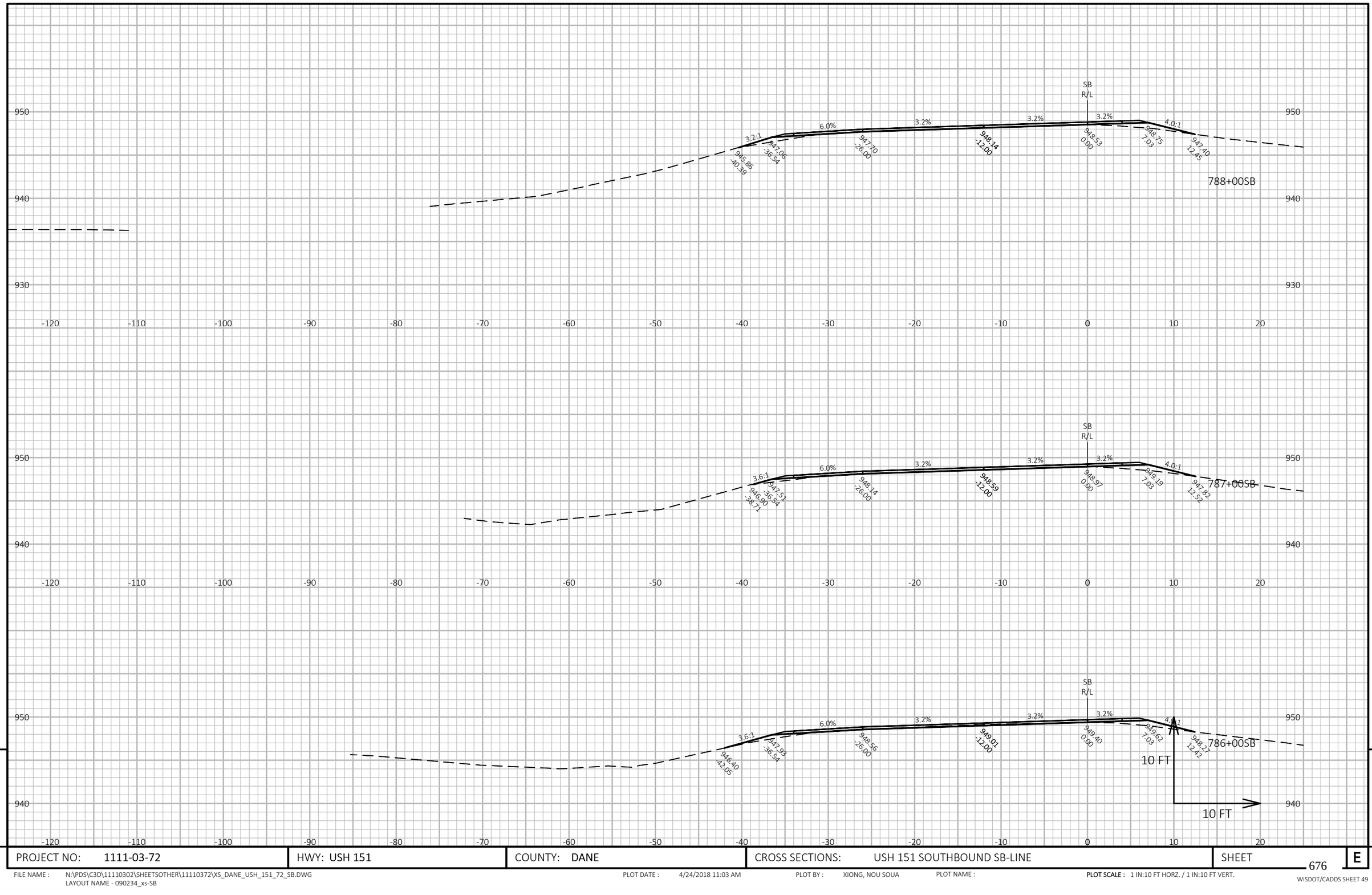


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 675 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090233_xs-SB

PLOT DATE : 4/24/2018 11:03 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

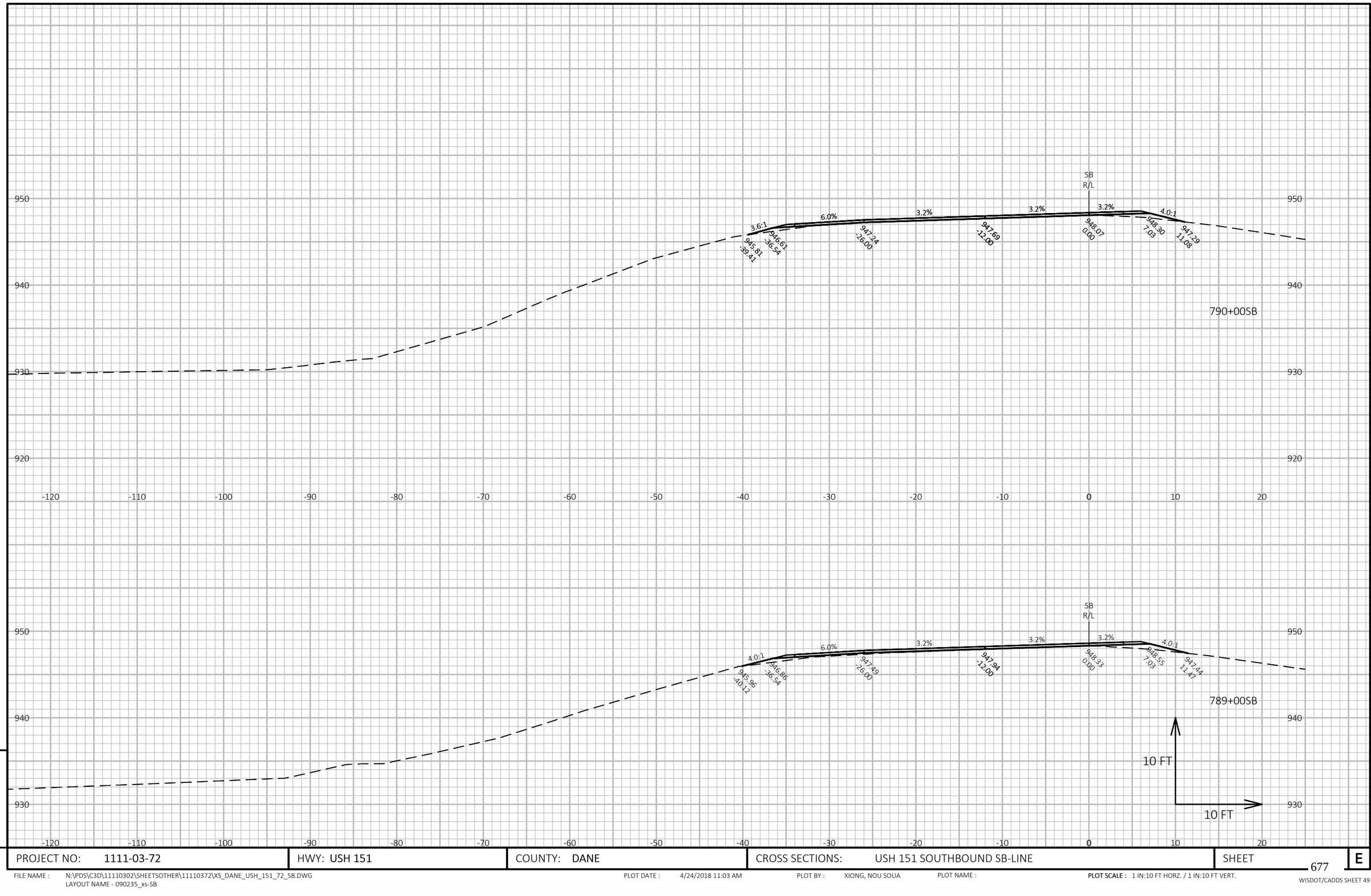


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 676	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090234_xs-SB

PLOT DATE : 4/24/2018 11:03 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 677	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
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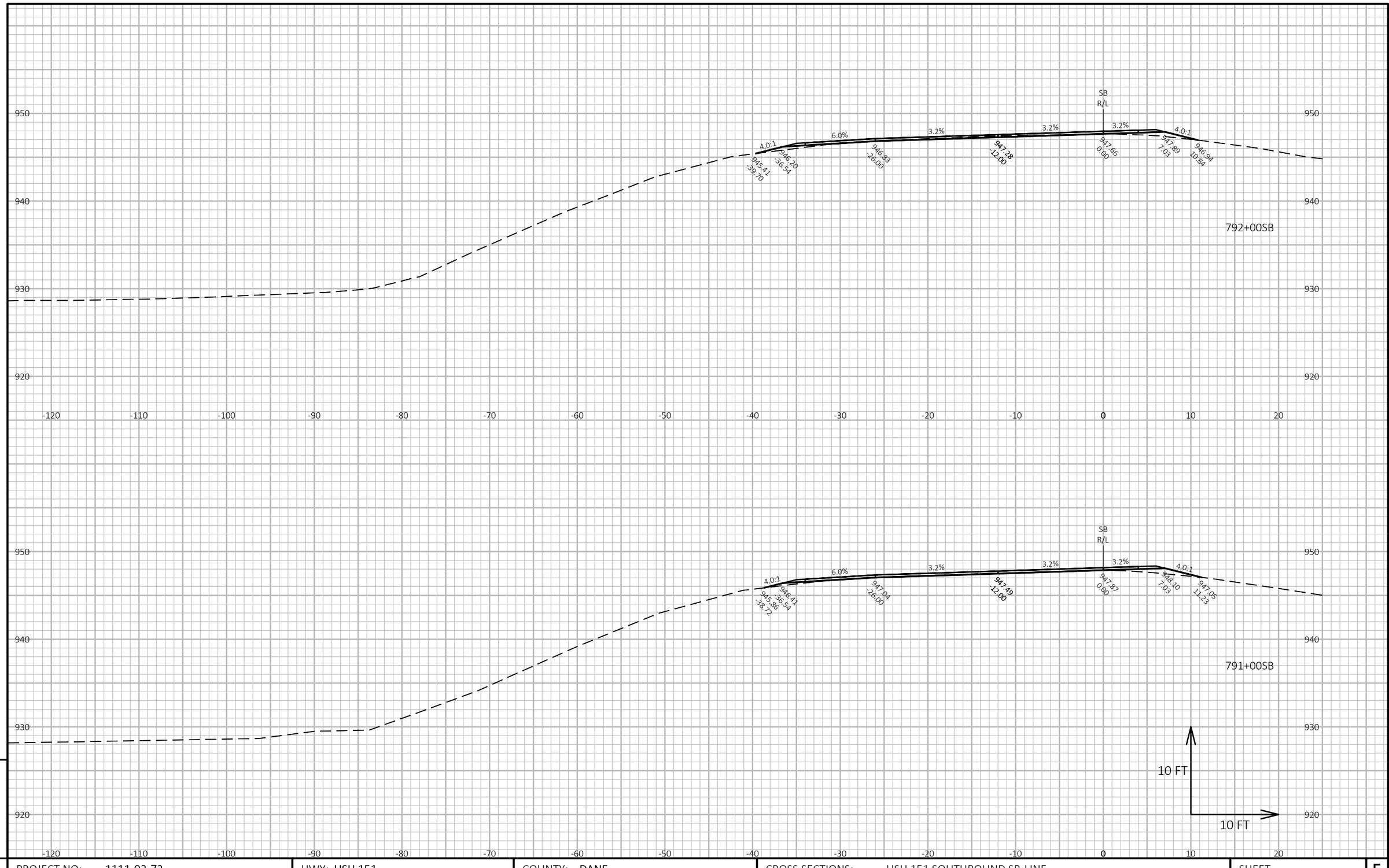
PLOT DATE : 4/24/2018 11:03 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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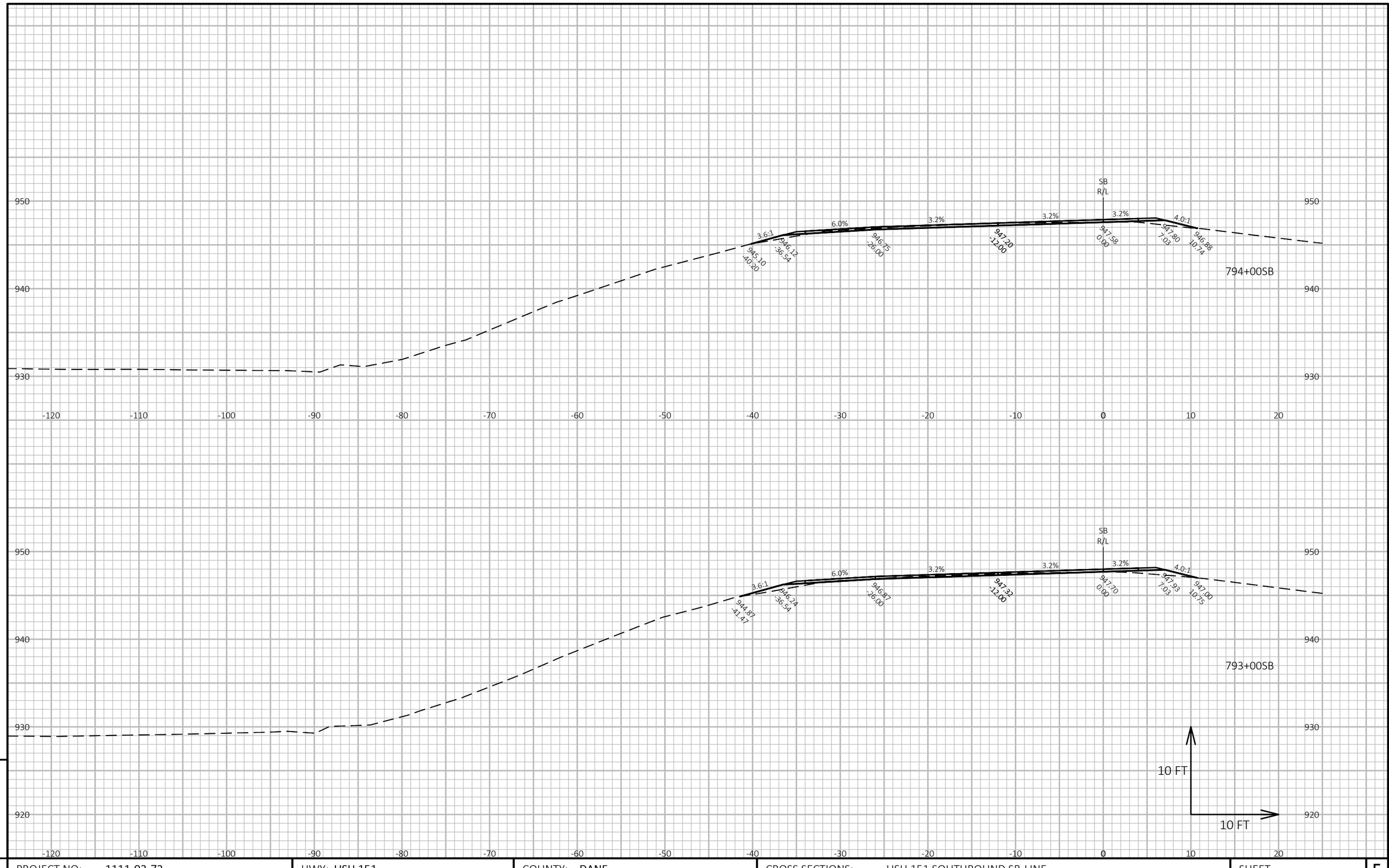
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 678	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090236_xs-SB

PLOT DATE : 4/24/2018 11:04 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 679	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090237_xs-SB

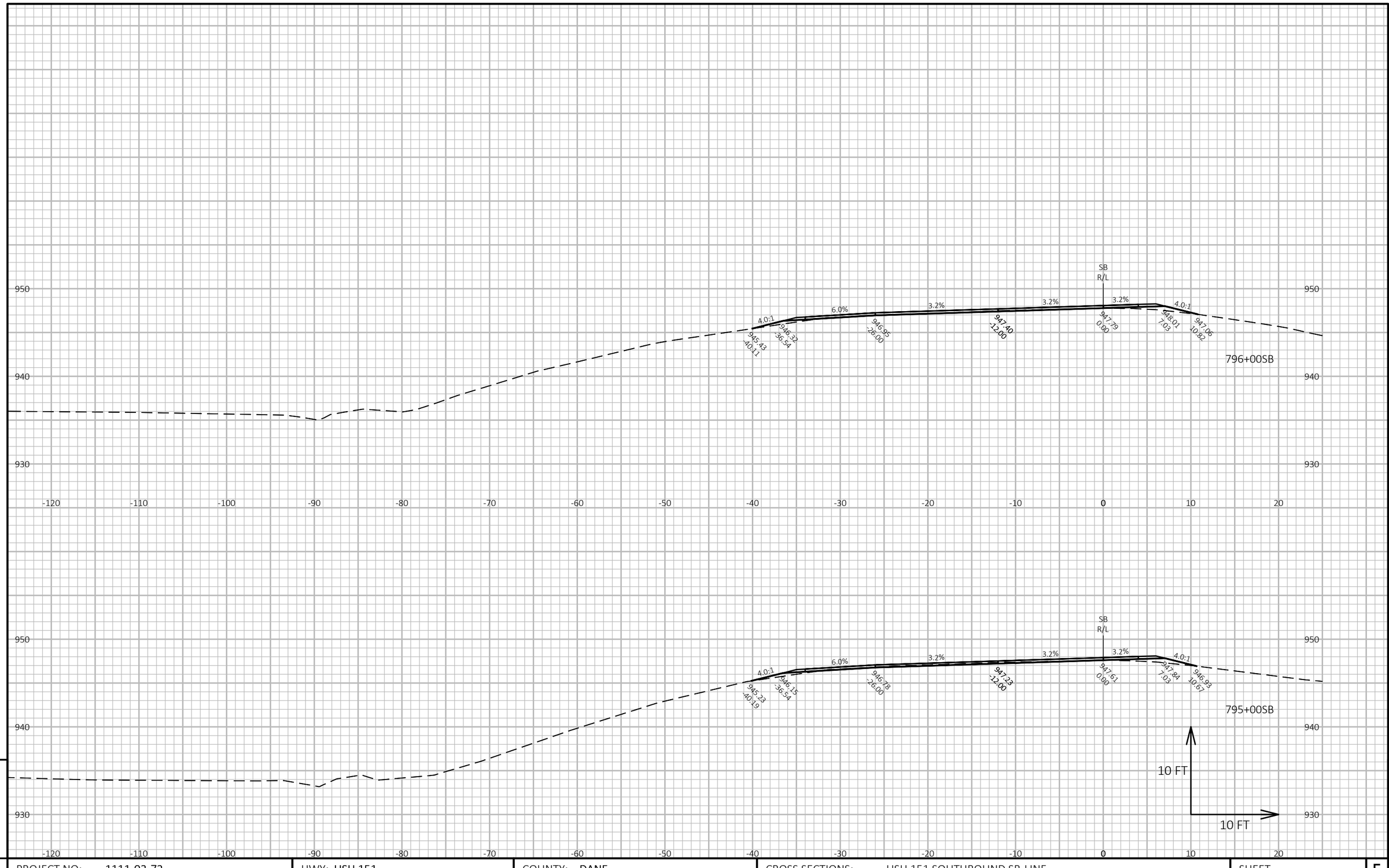
PLOT DATE : 4/24/2018 11:04 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



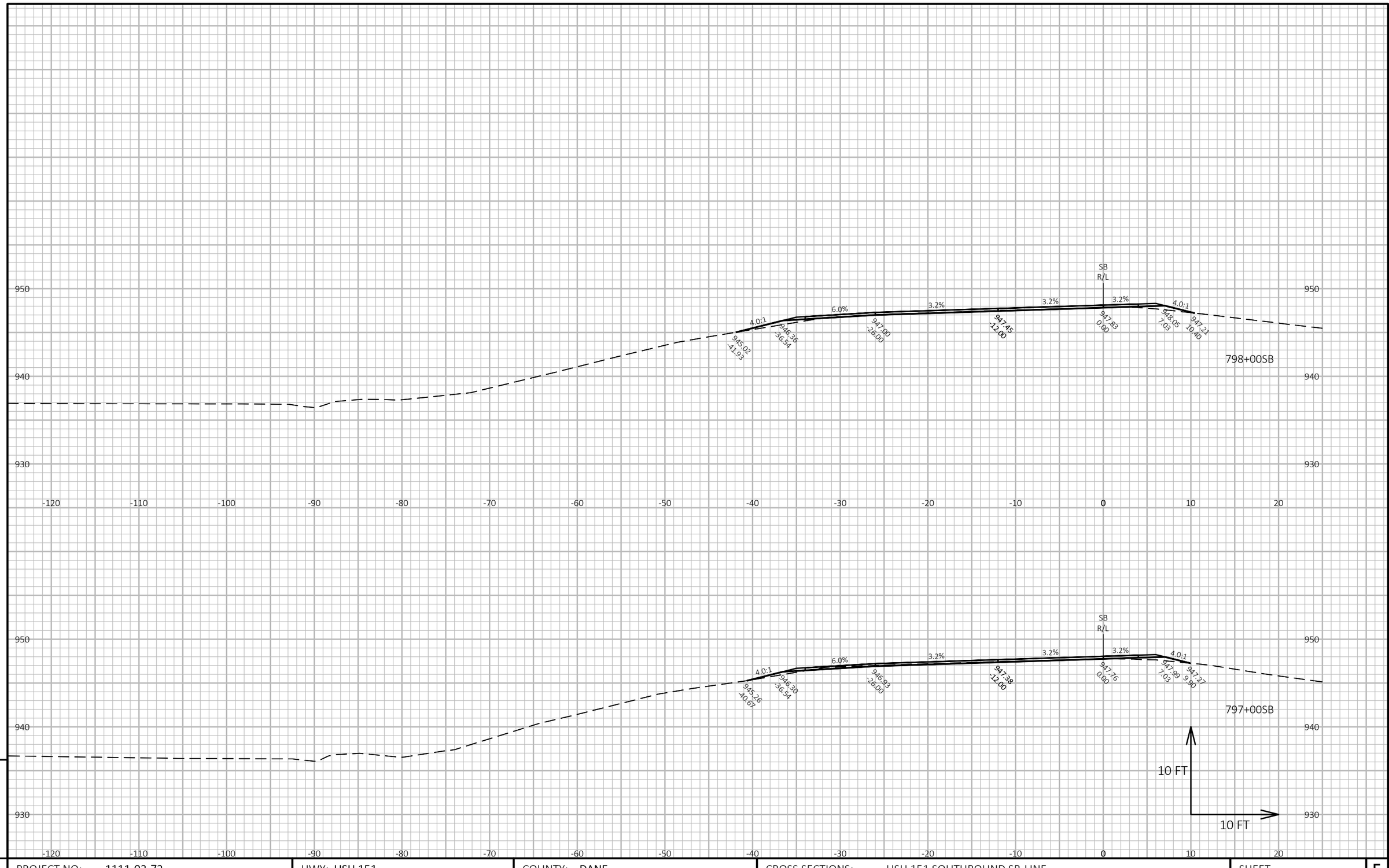
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 680	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090238_xs-SB

PLOT DATE : 4/24/2018 11:04 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

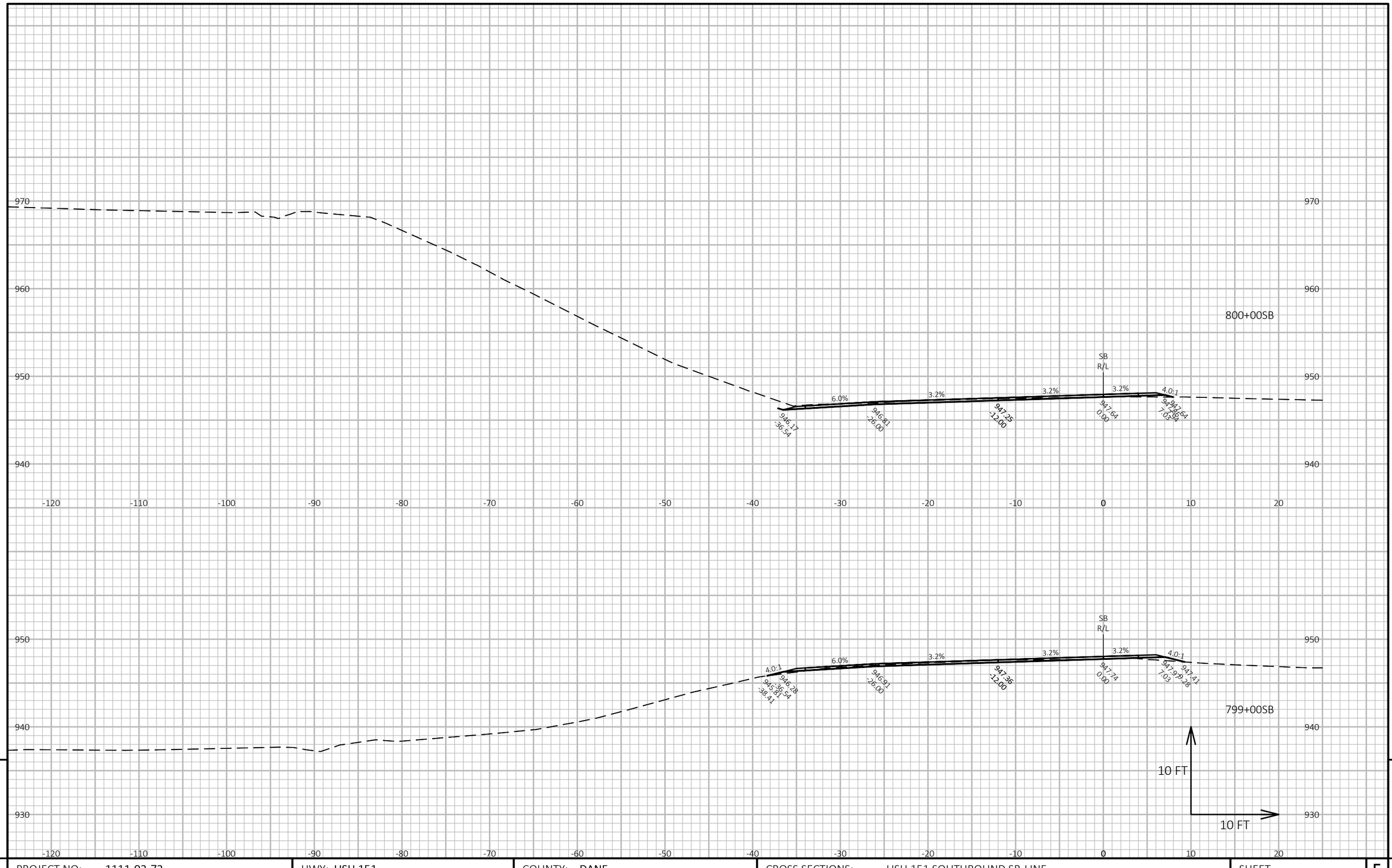


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 681

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090239_xs-SB

PLOT DATE : 4/24/2018 11:04 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 682	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090240_xs-SB

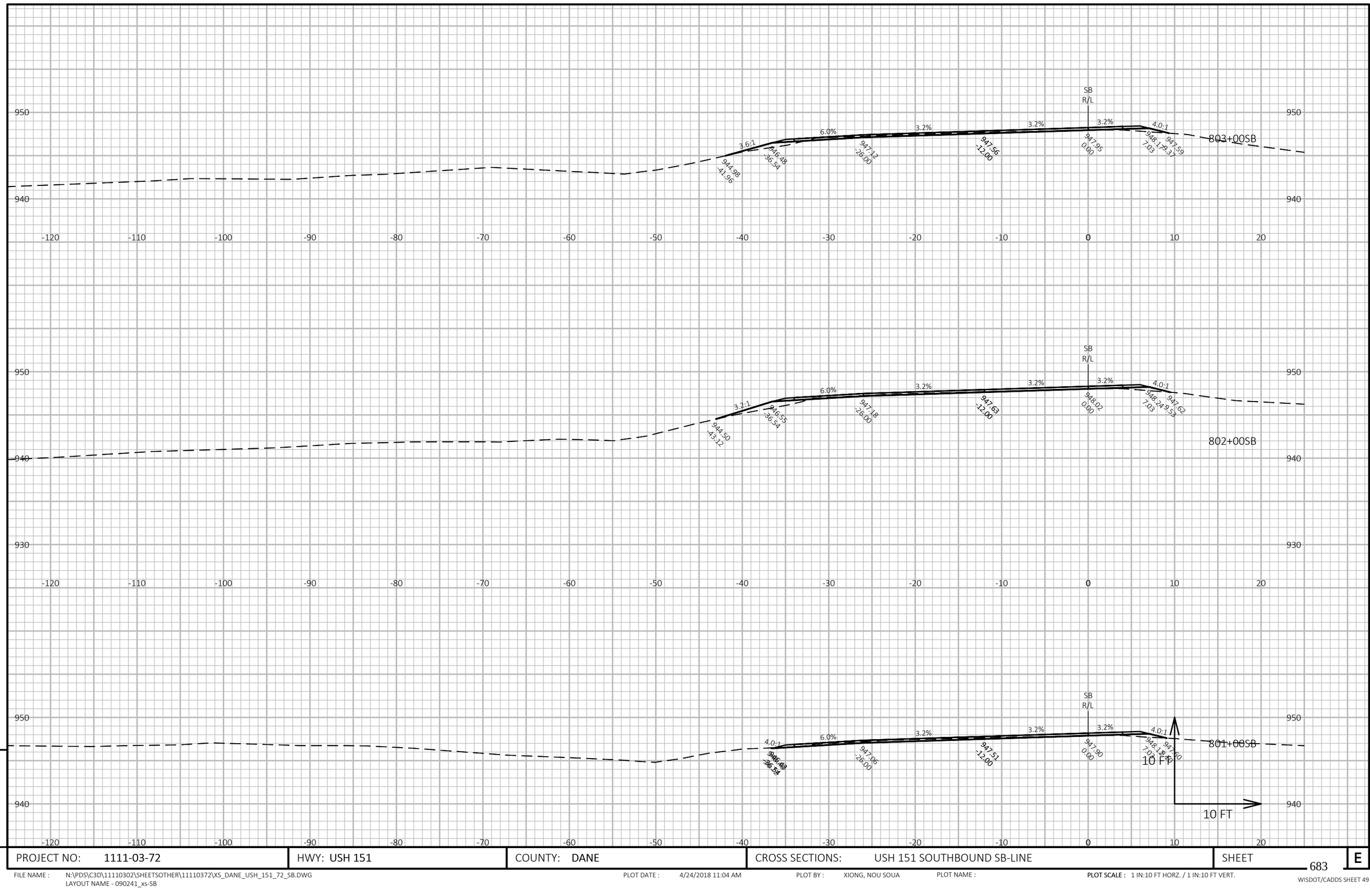
PLOT DATE : 4/24/2018 11:04 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



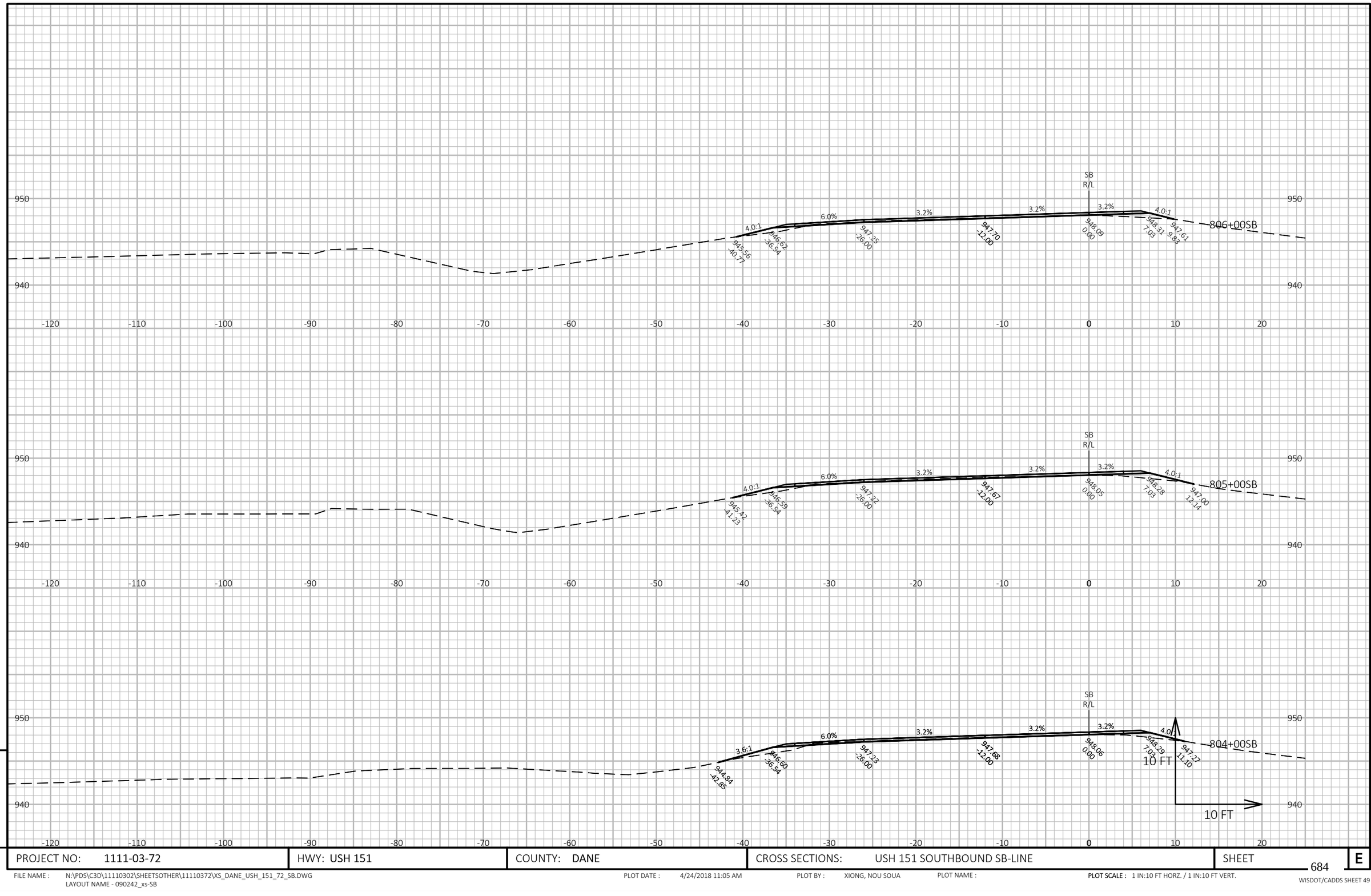
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 683	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090241_xs-SB

PLOT DATE : 4/24/2018 11:04 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

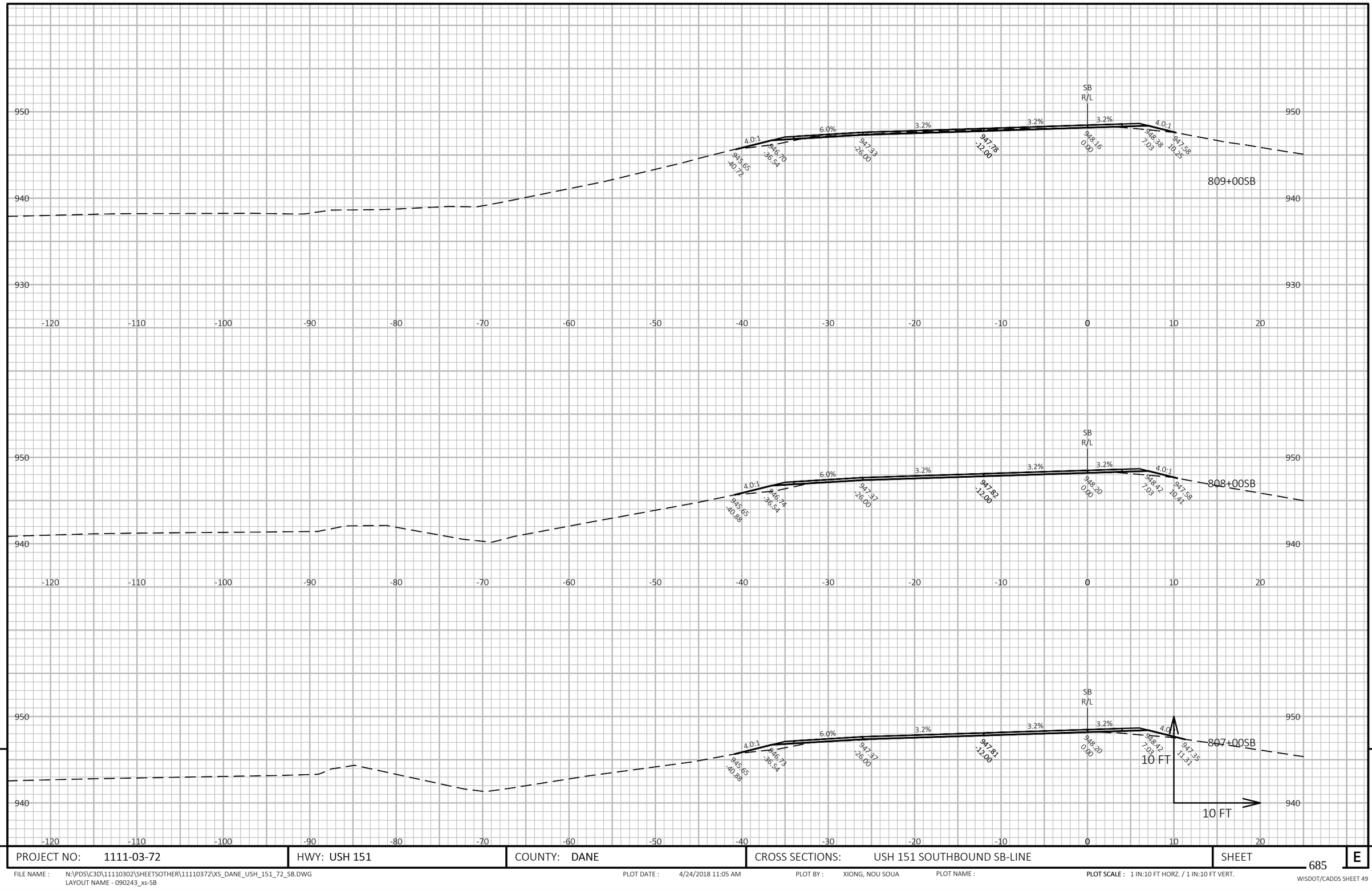


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 684	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090242_xs-SB

PLOT DATE : 4/24/2018 11:05 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

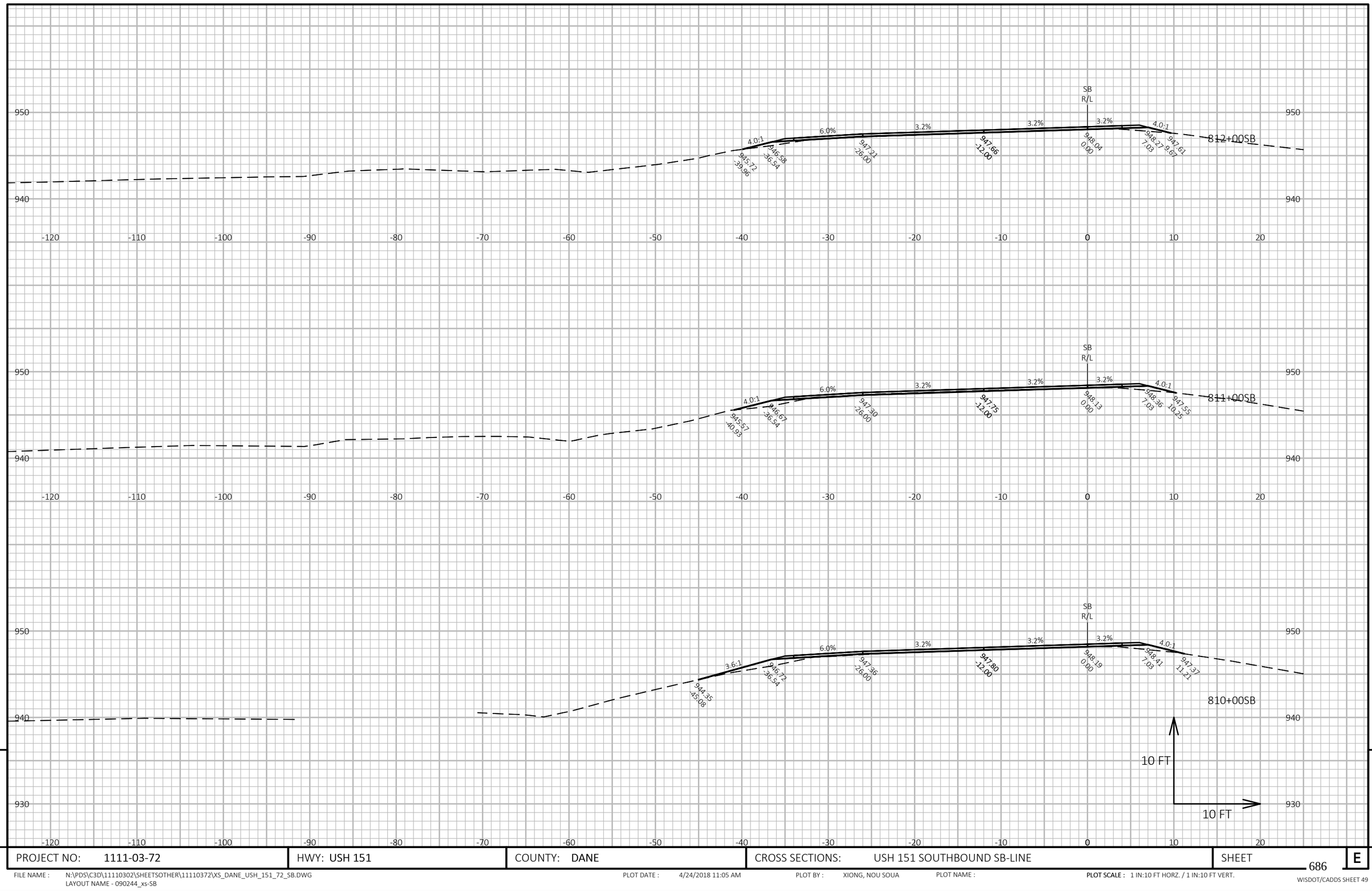


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 685 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090243_xs-SB

PLOT DATE : 4/24/2018 11:05 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



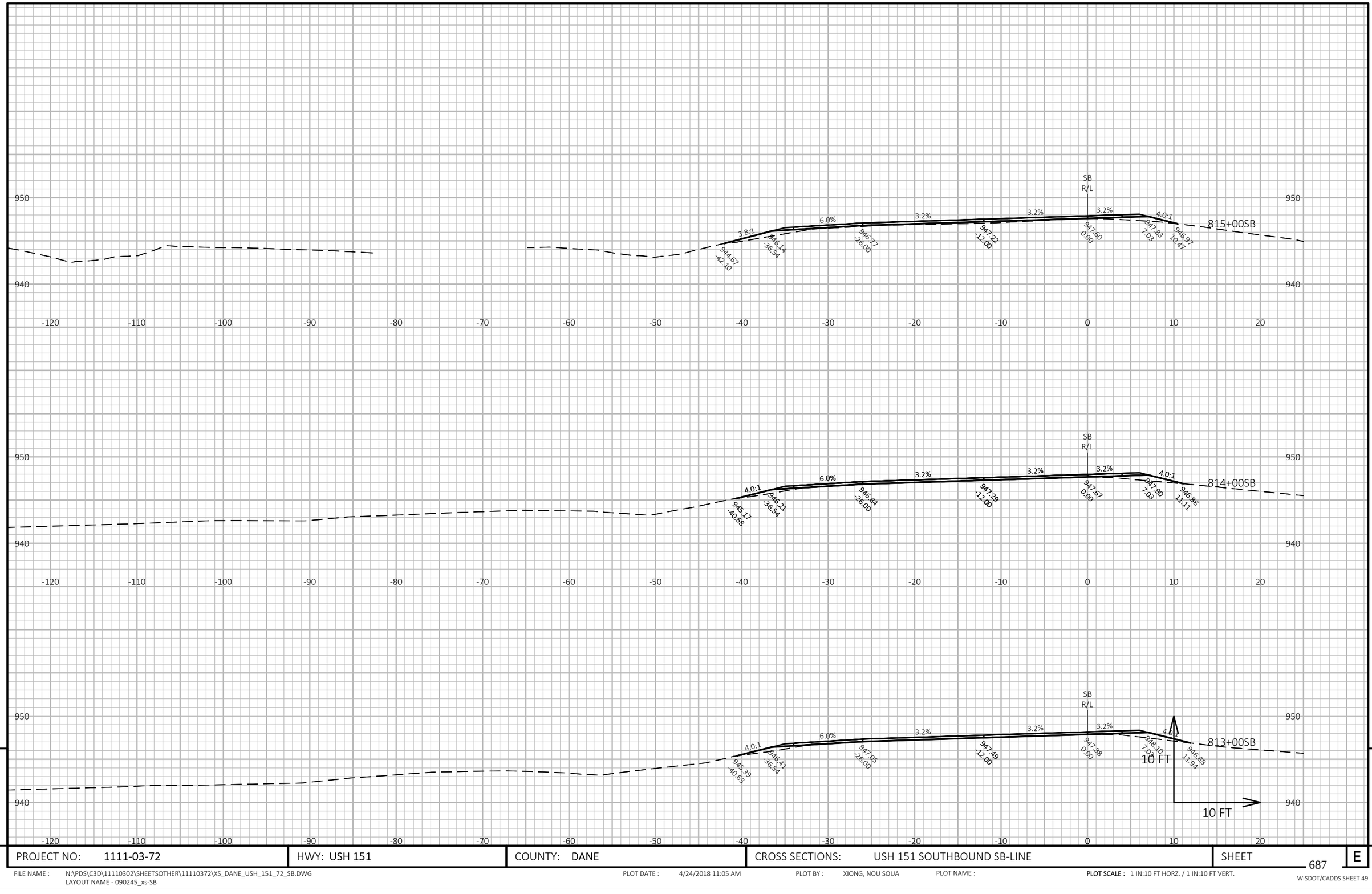
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 686	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090244_xs-SB

PLOT DATE : 4/24/2018 11:05 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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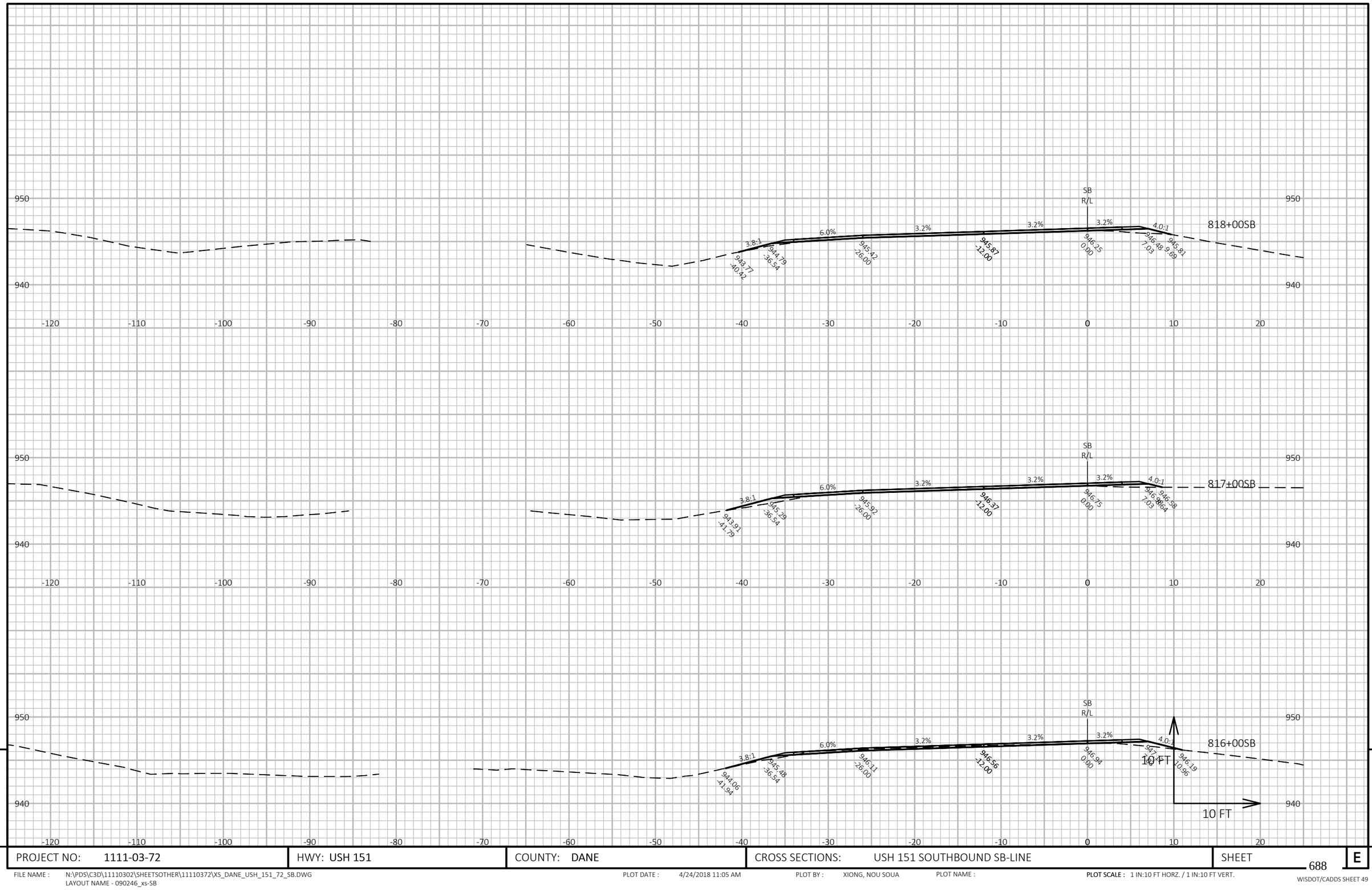
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 687 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090245_xs-SB

PLOT DATE : 4/24/2018 11:05 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

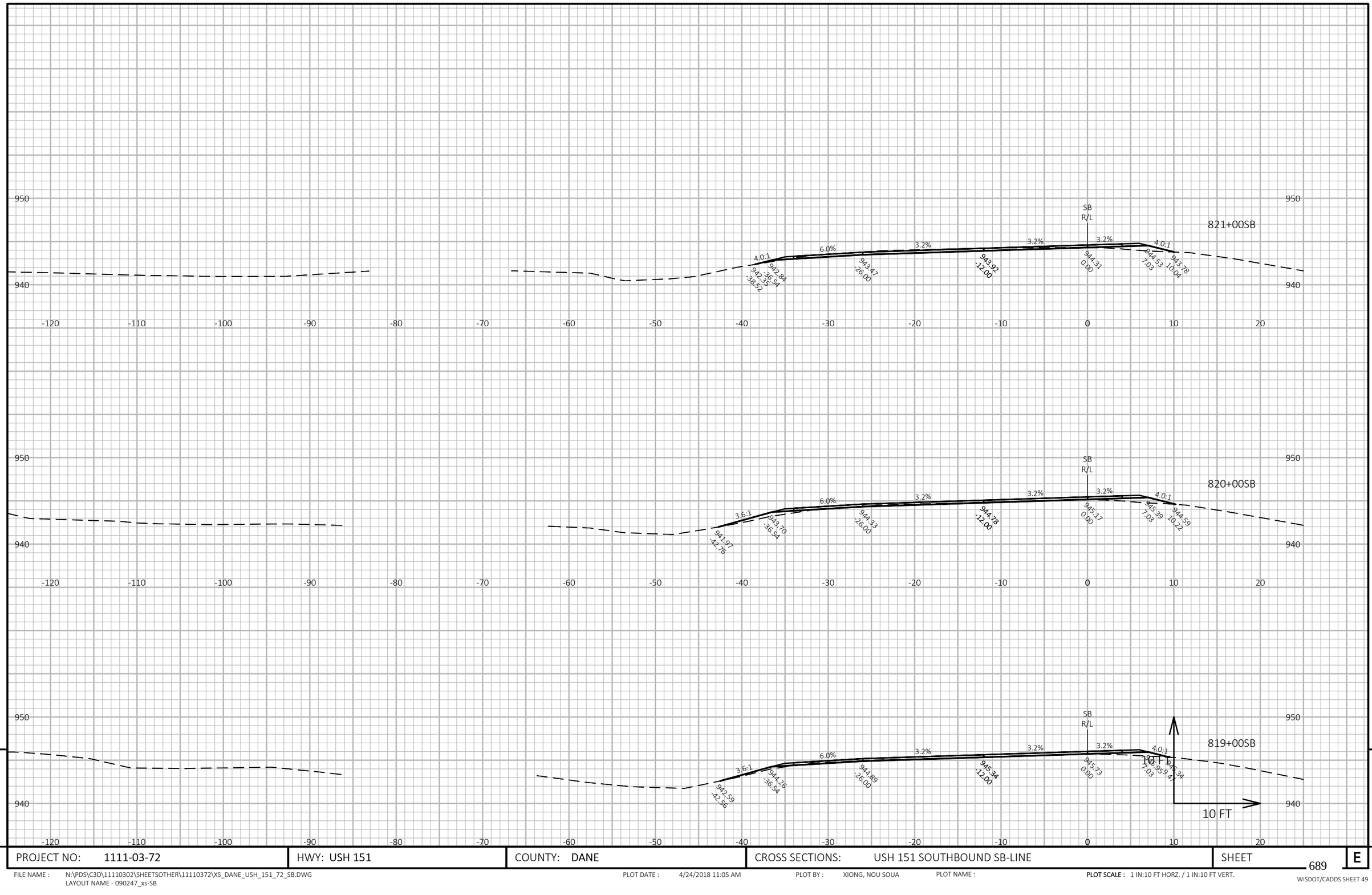


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 688 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090246_xs-SB

PLOT DATE : 4/24/2018 11:05 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 689	E

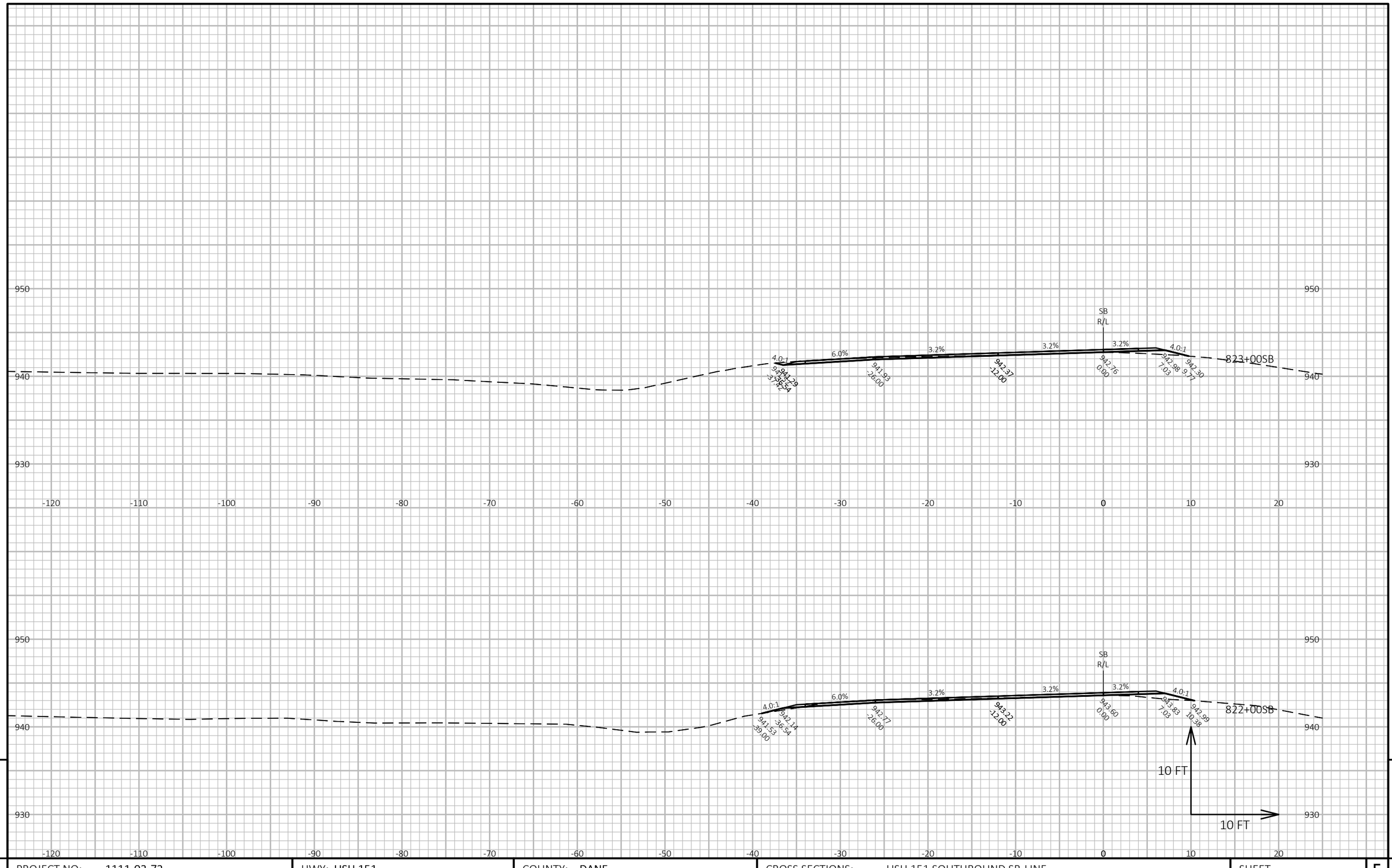
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LAYOUT NAME - 090247_xs-SB

PLOT DATE : 4/24/2018 11:05 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 690	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090248_xs-SB

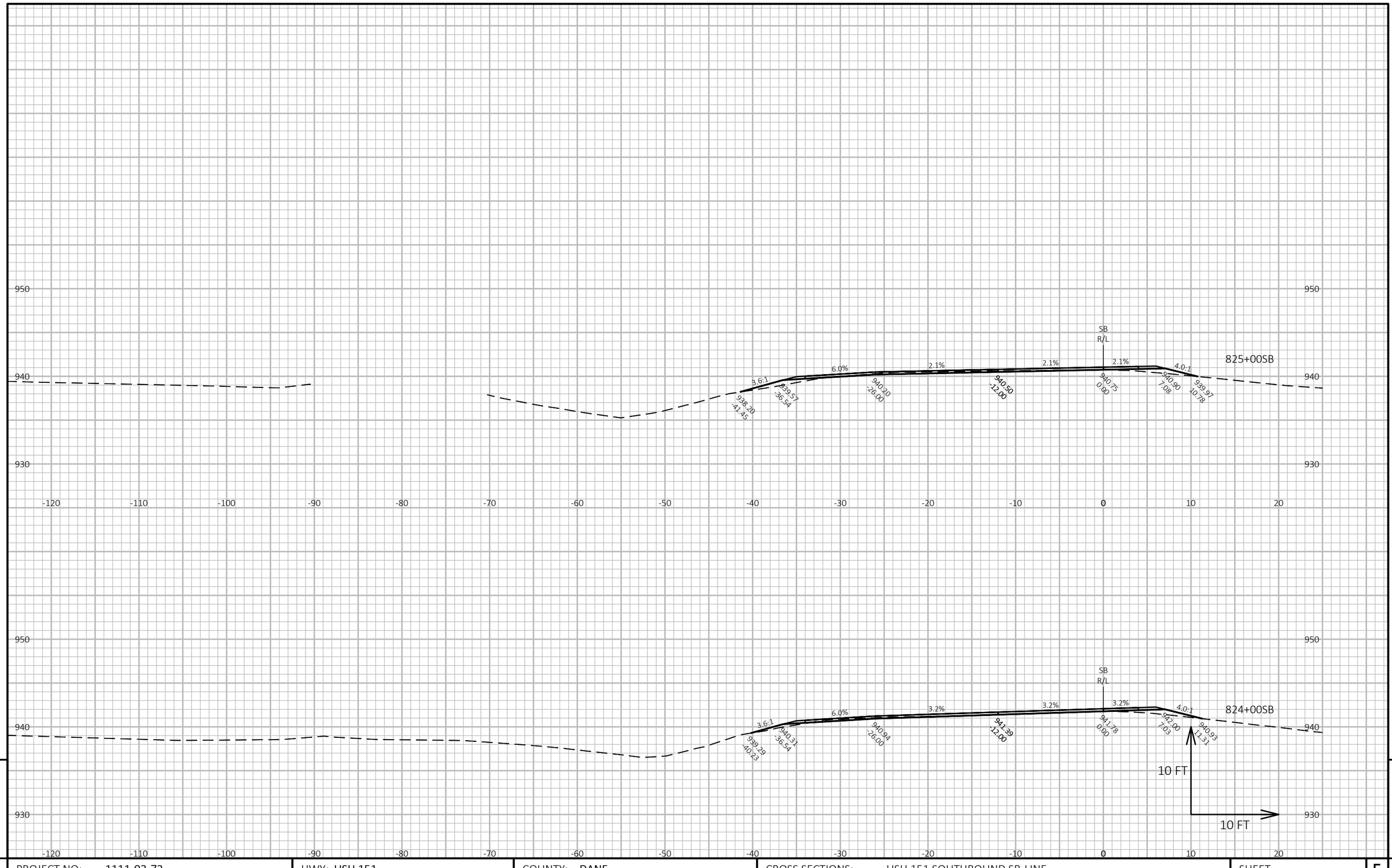
PLOT DATE : 4/24/2018 11:06 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 691	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090249_xs-SB

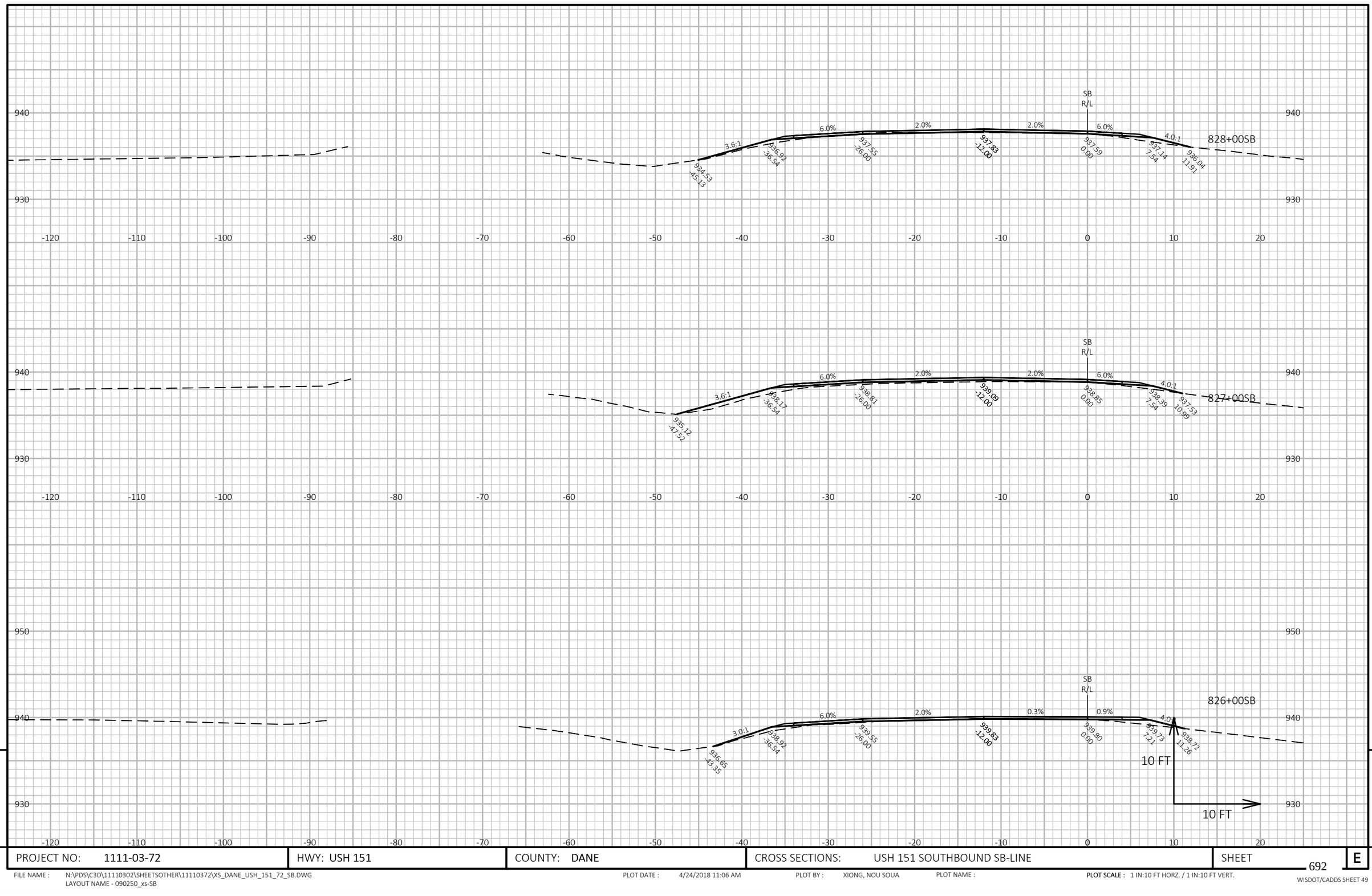
PLOT DATE : 4/24/2018 11:06 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

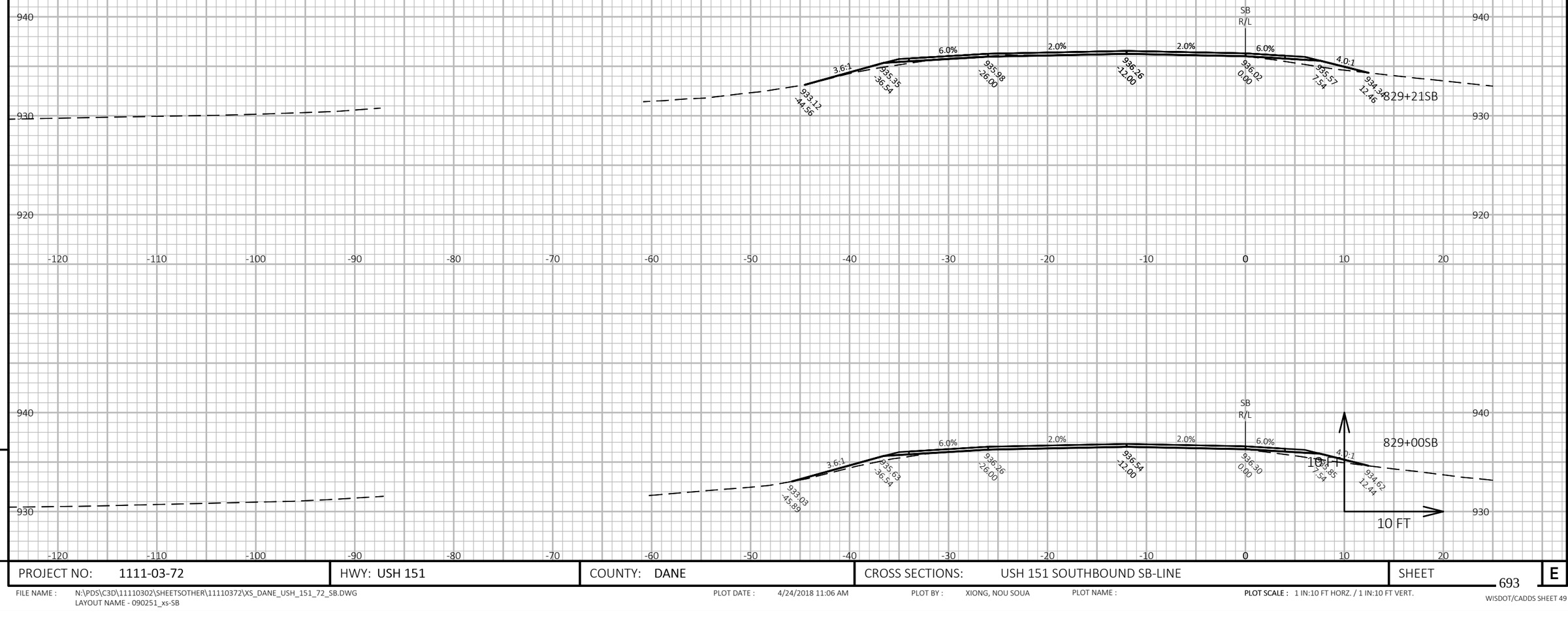


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 692	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090250_xs-SB

PLOT DATE : 4/24/2018 11:06 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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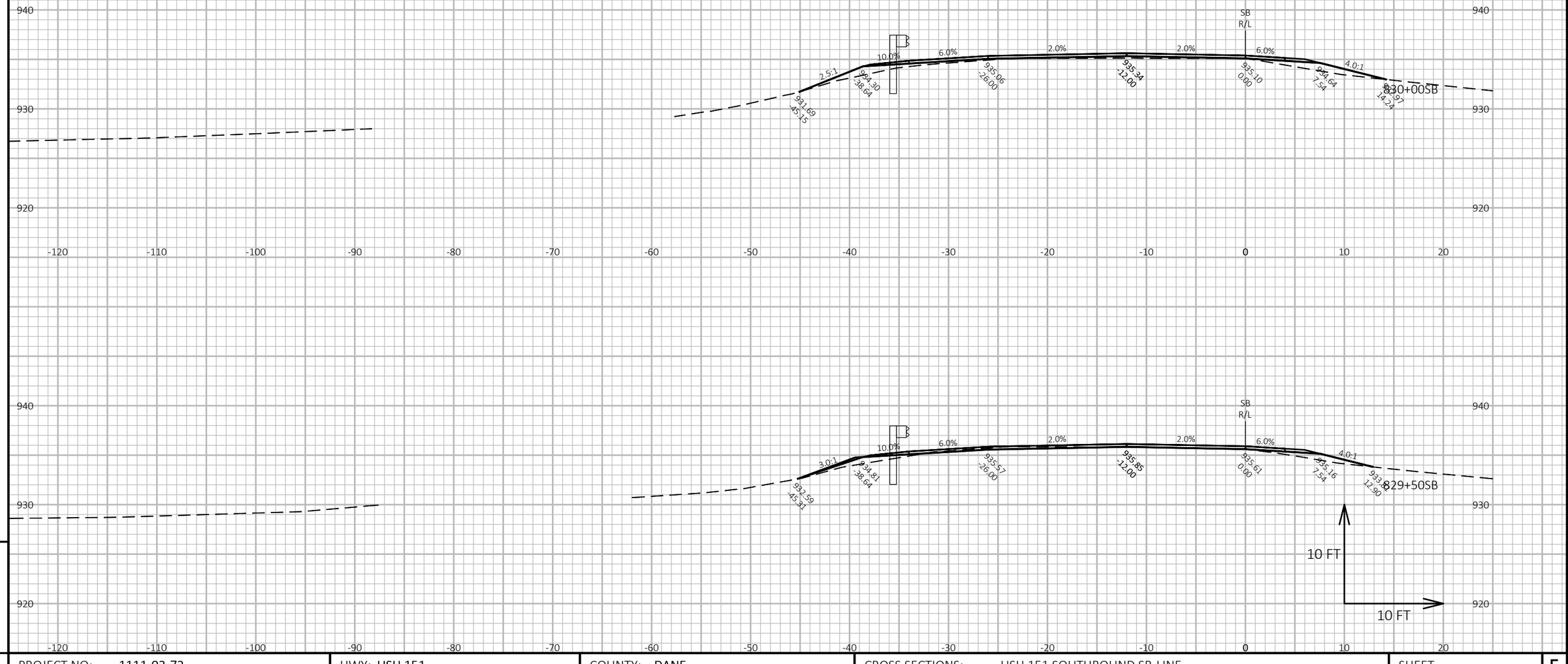
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 693	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090251_xs-SB

PLOT DATE : 4/24/2018 11:06 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

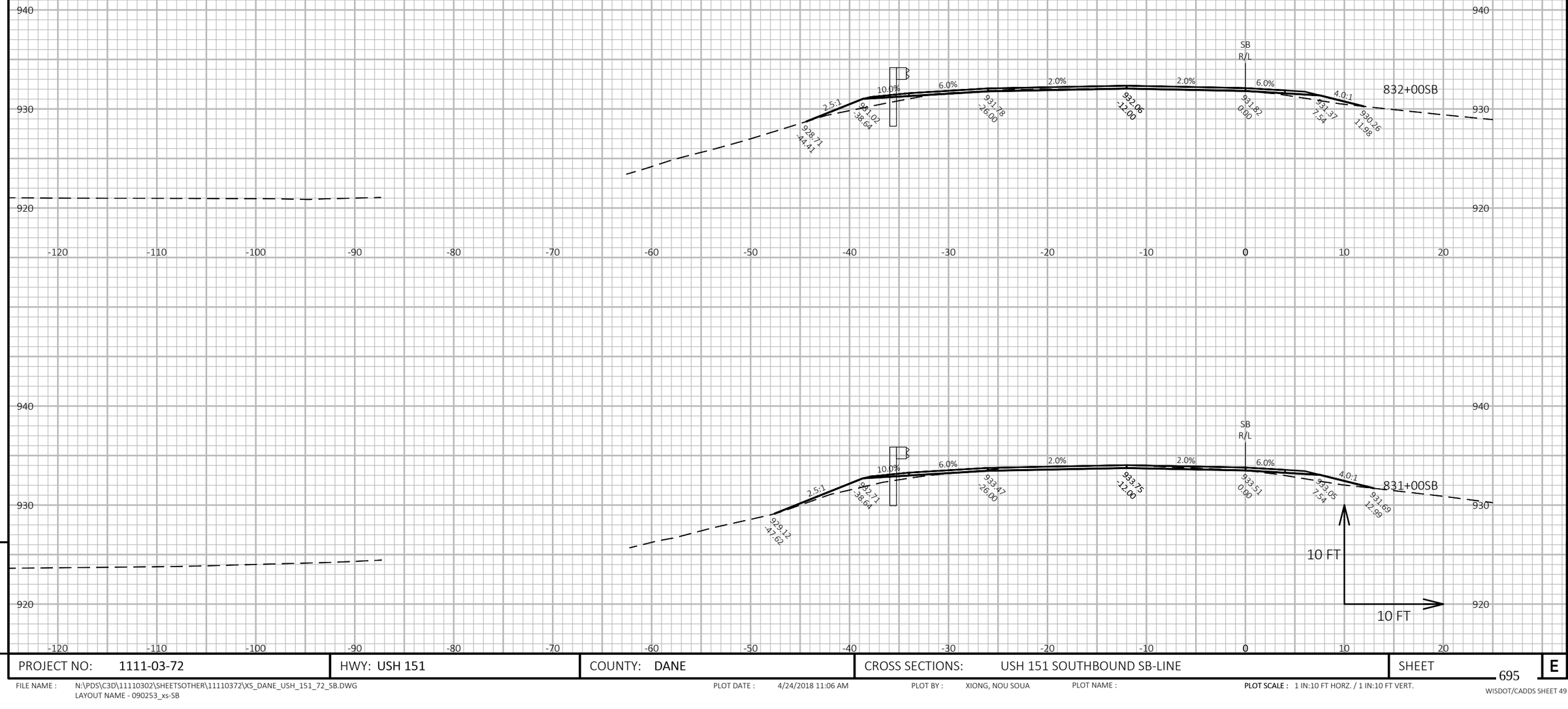


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 694	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090252_xs-SB

PLOT DATE : 4/24/2018 11:06 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 695	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090253_xs-SB

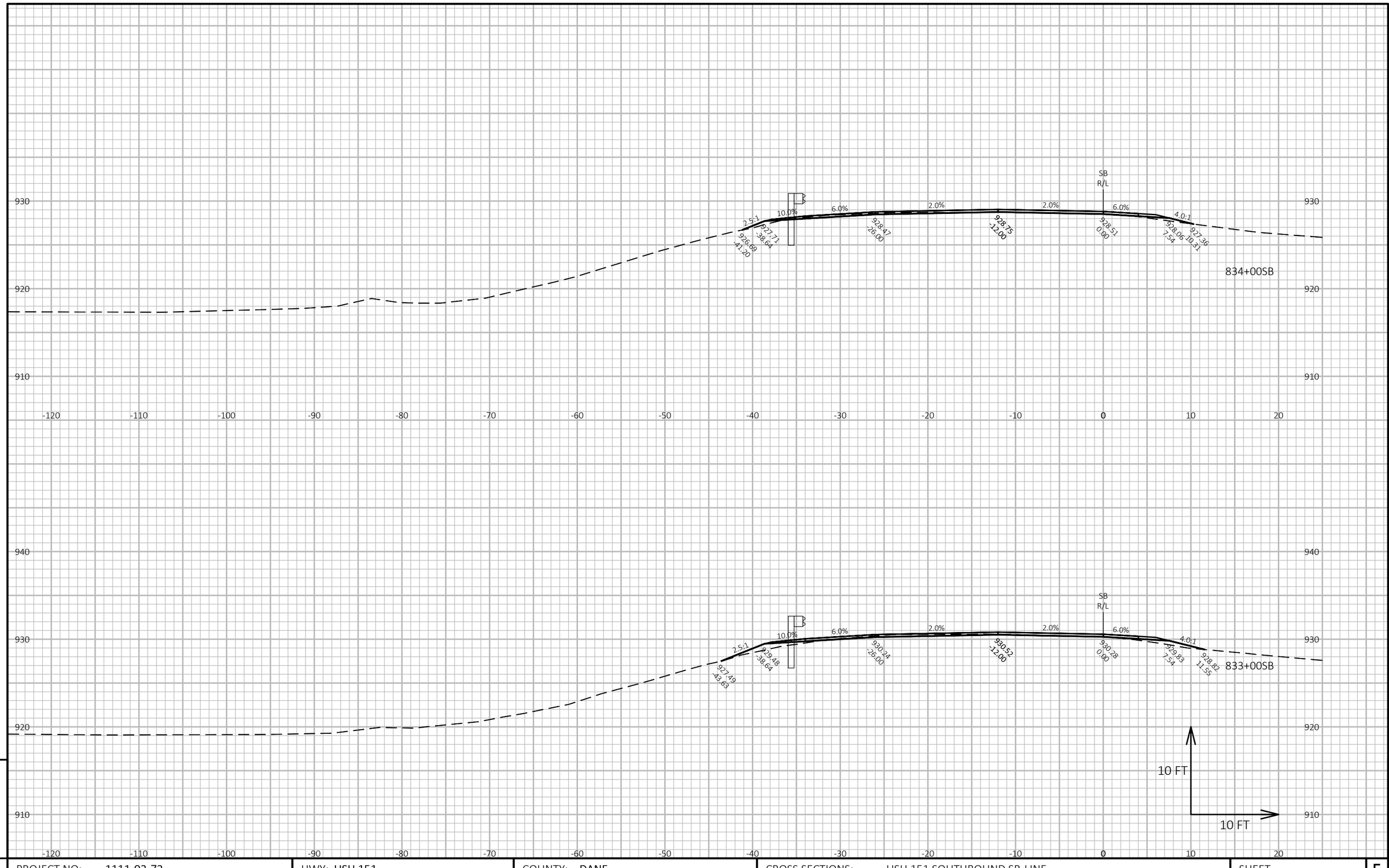
PLOT DATE : 4/24/2018 11:06 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 696	E

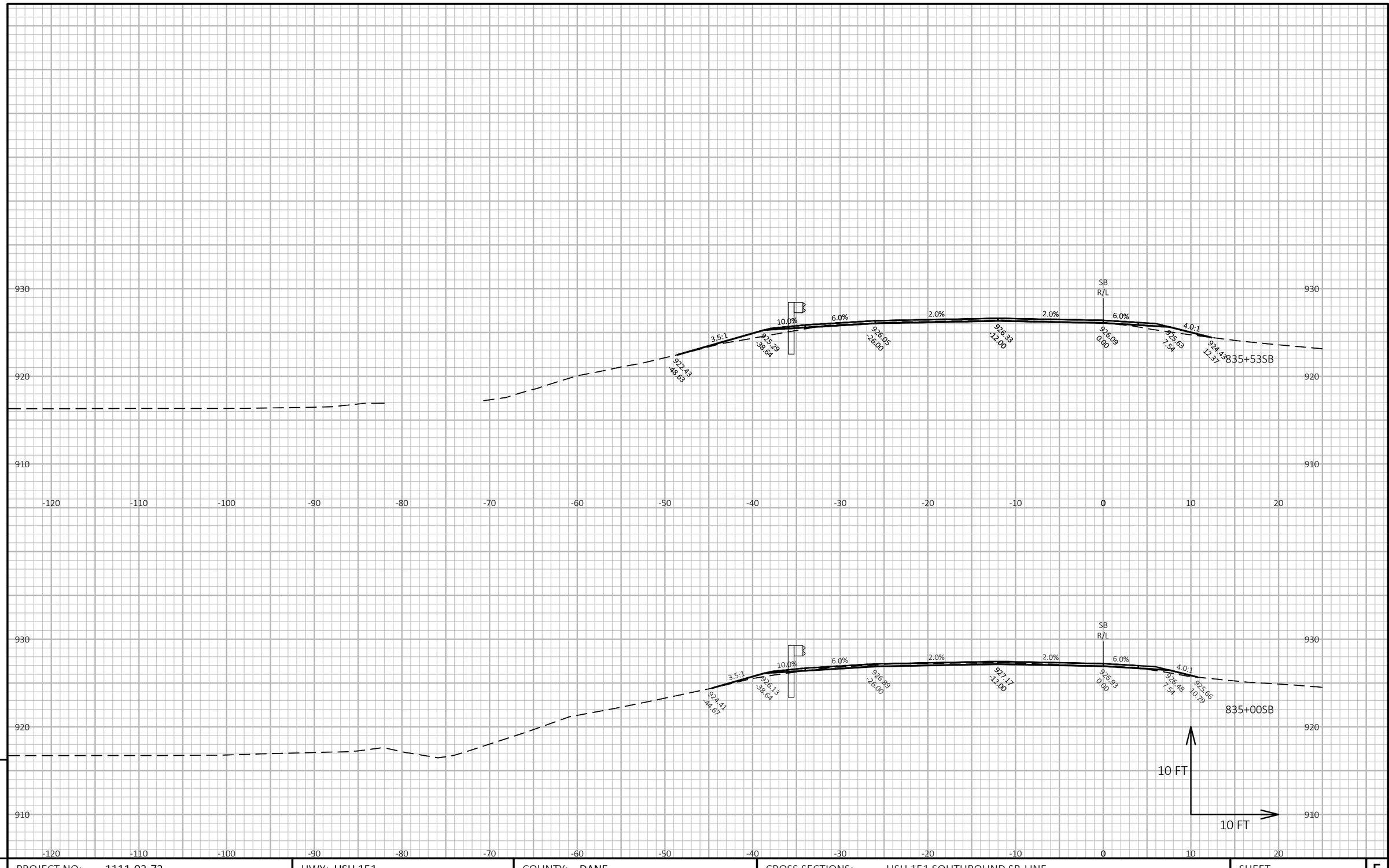
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LAYOUT NAME - 090254_xs-SB

PLOT DATE : 4/24/2018 11:07 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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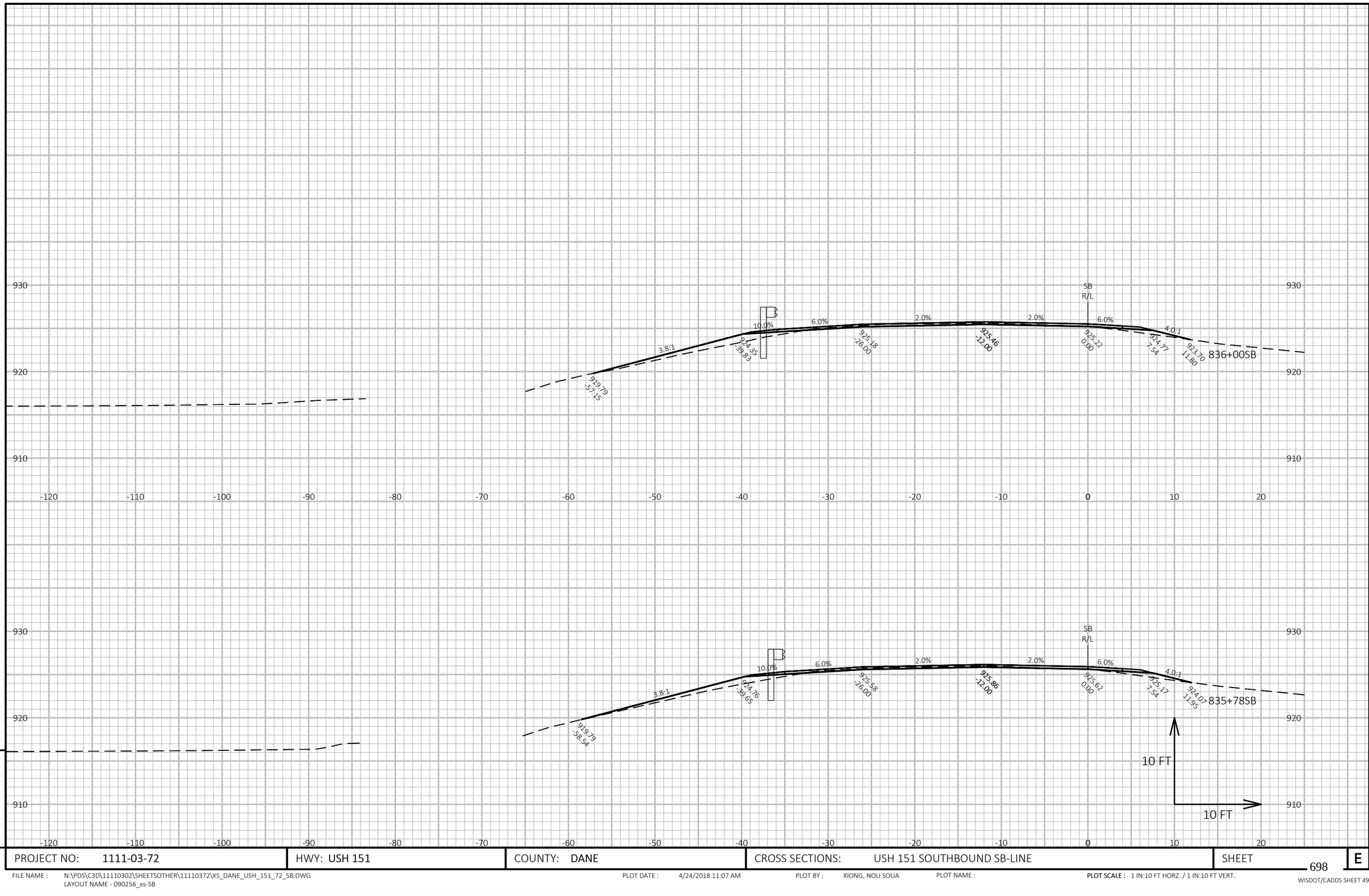
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 697	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090255_xs-SB

PLOT DATE : 4/24/2018 11:07 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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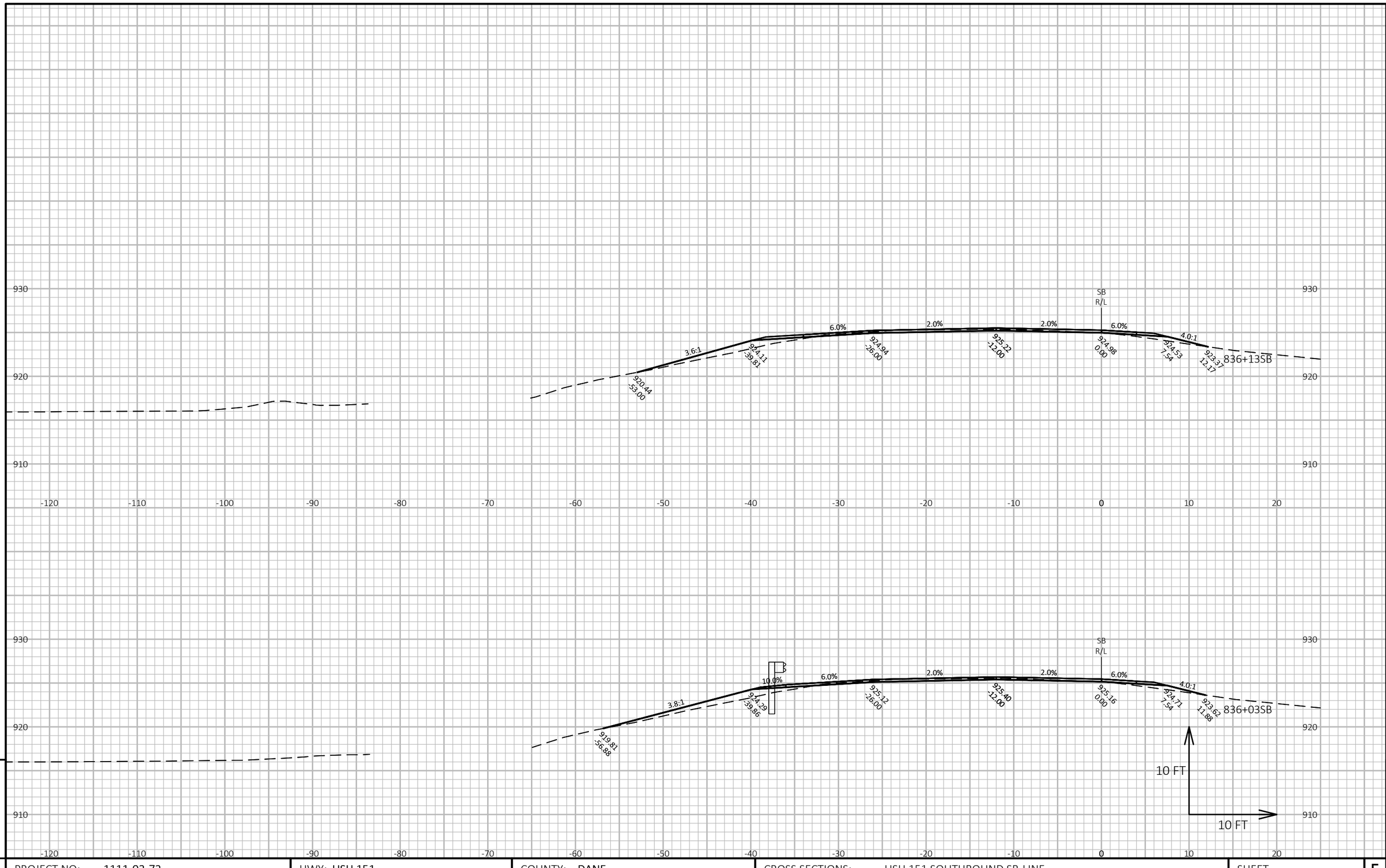
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 698	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090256_xs-SB

PLOT DATE : 4/24/2018 11:07 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

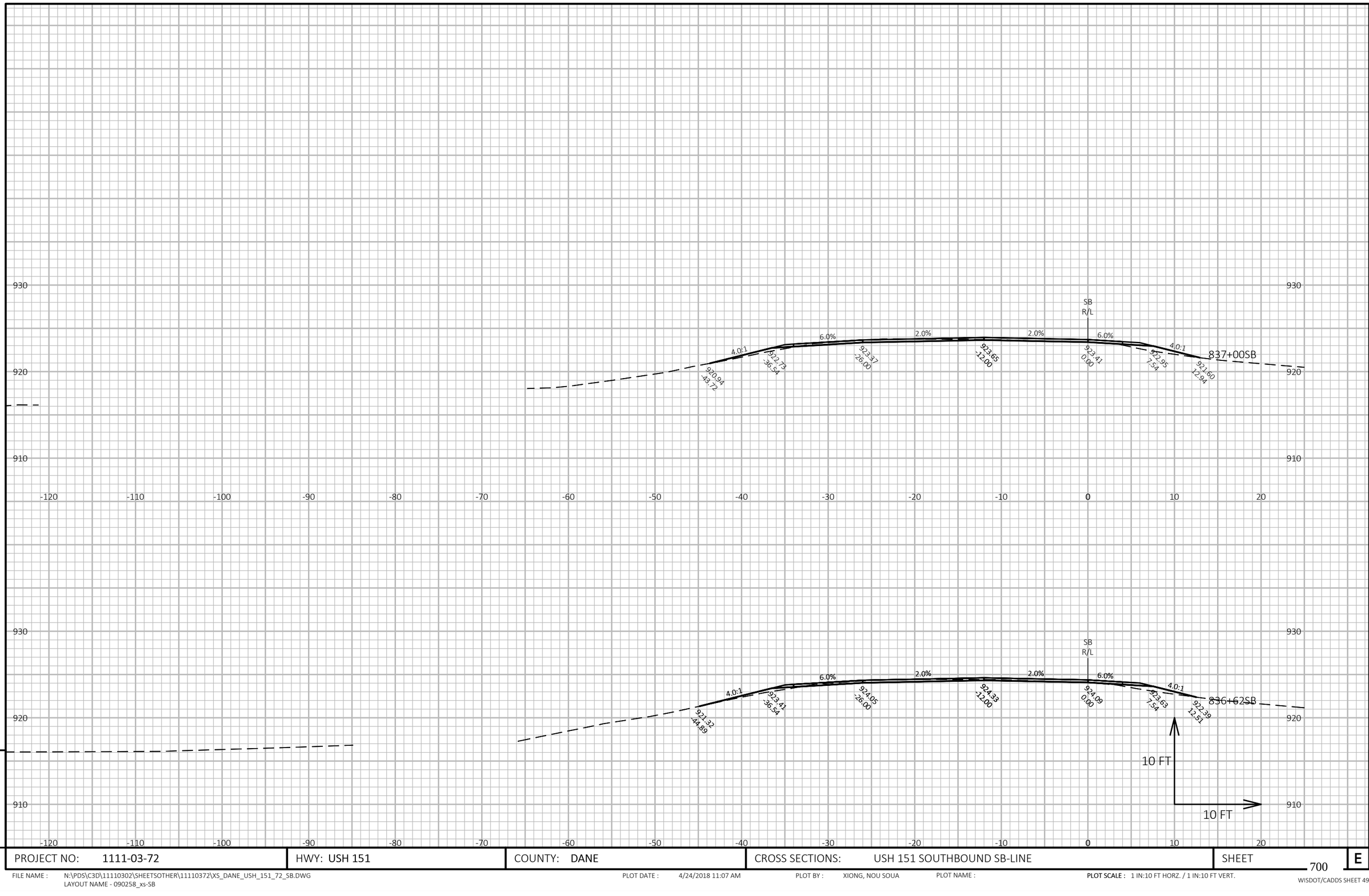


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 699 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090257_xs-SB

PLOT DATE : 4/24/2018 11:07 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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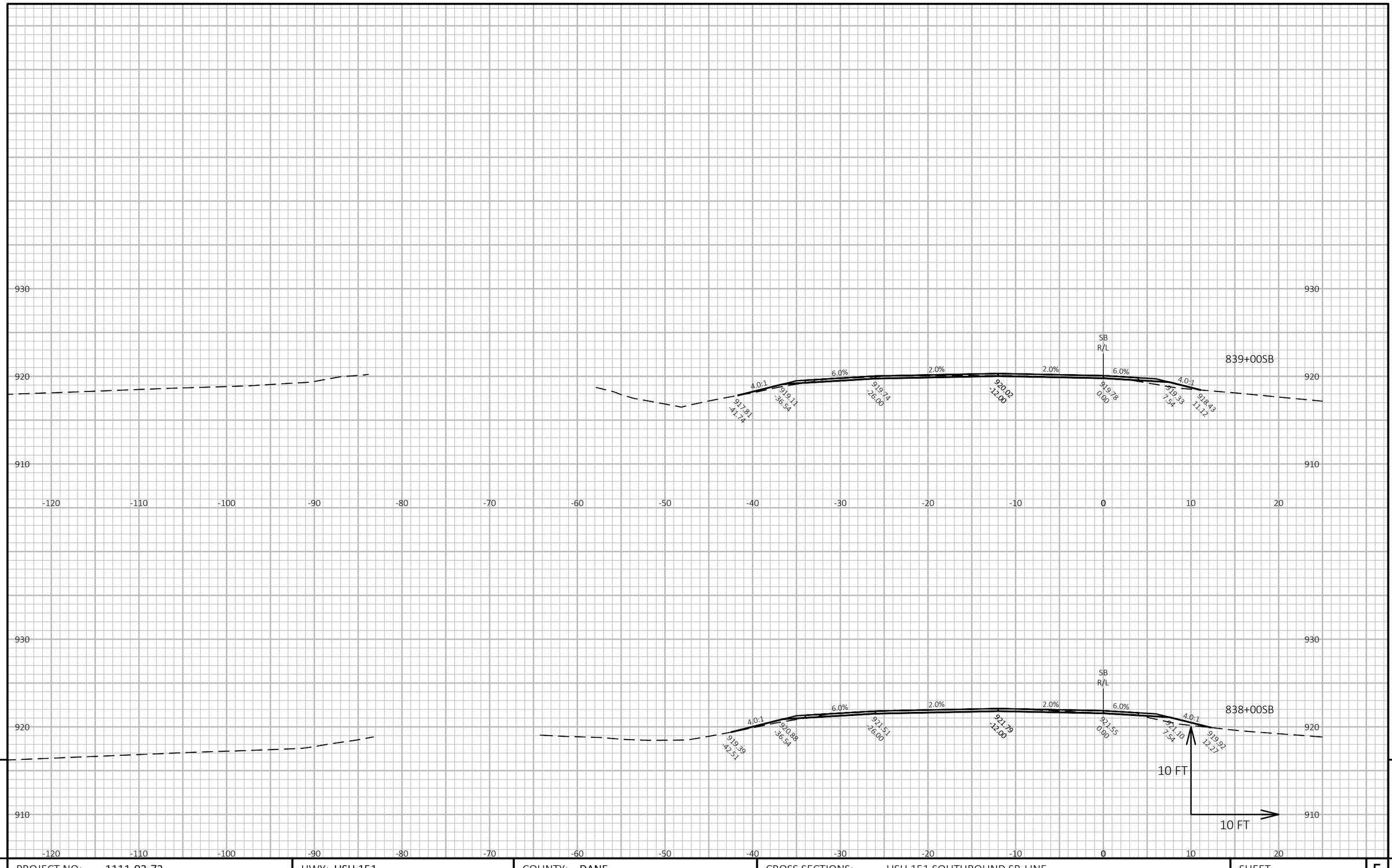
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 700	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090258_xs-SB

PLOT DATE : 4/24/2018 11:07 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



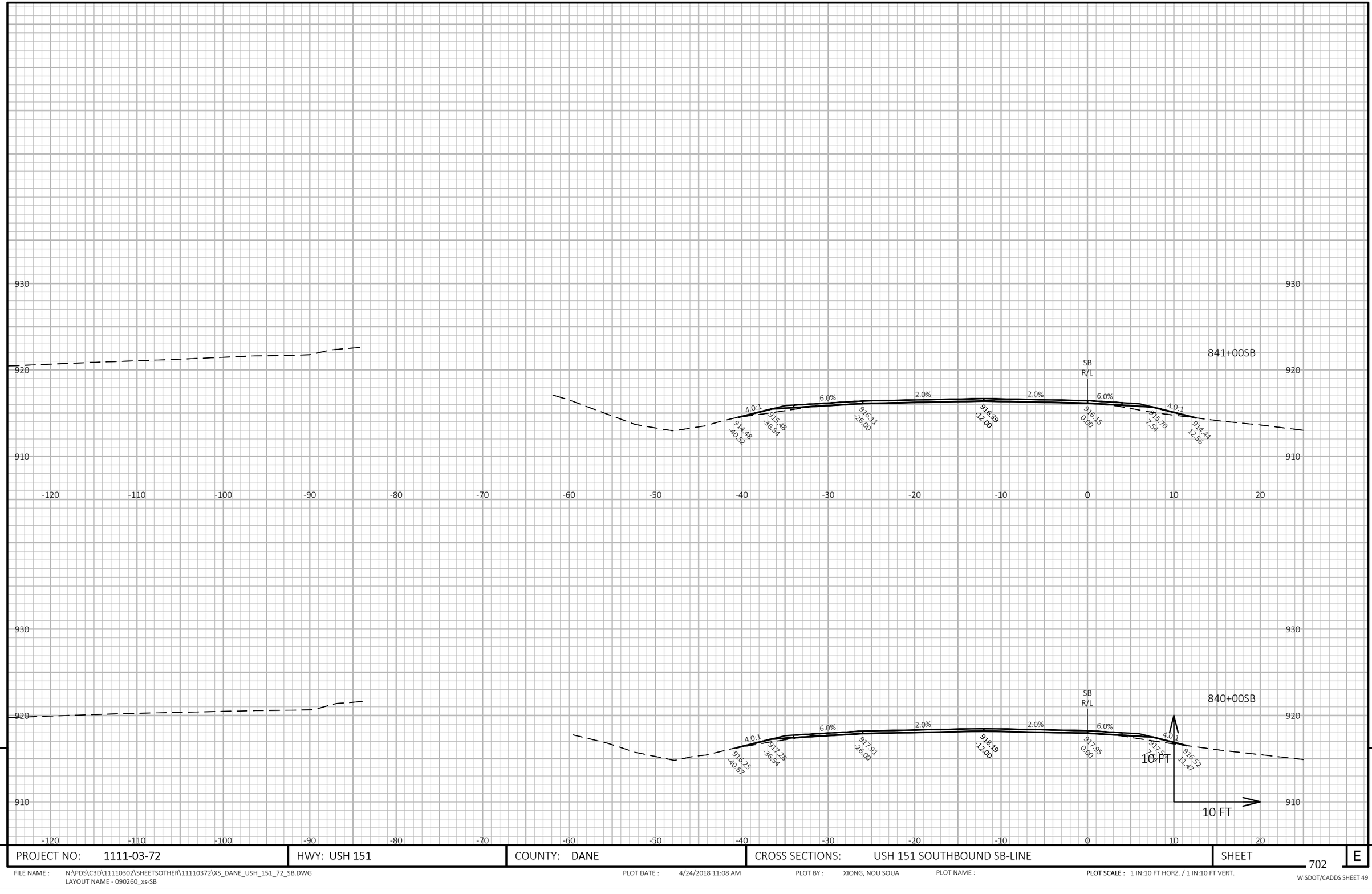
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 701	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090259_xs-SB

PLOT DATE : 4/24/2018 11:07 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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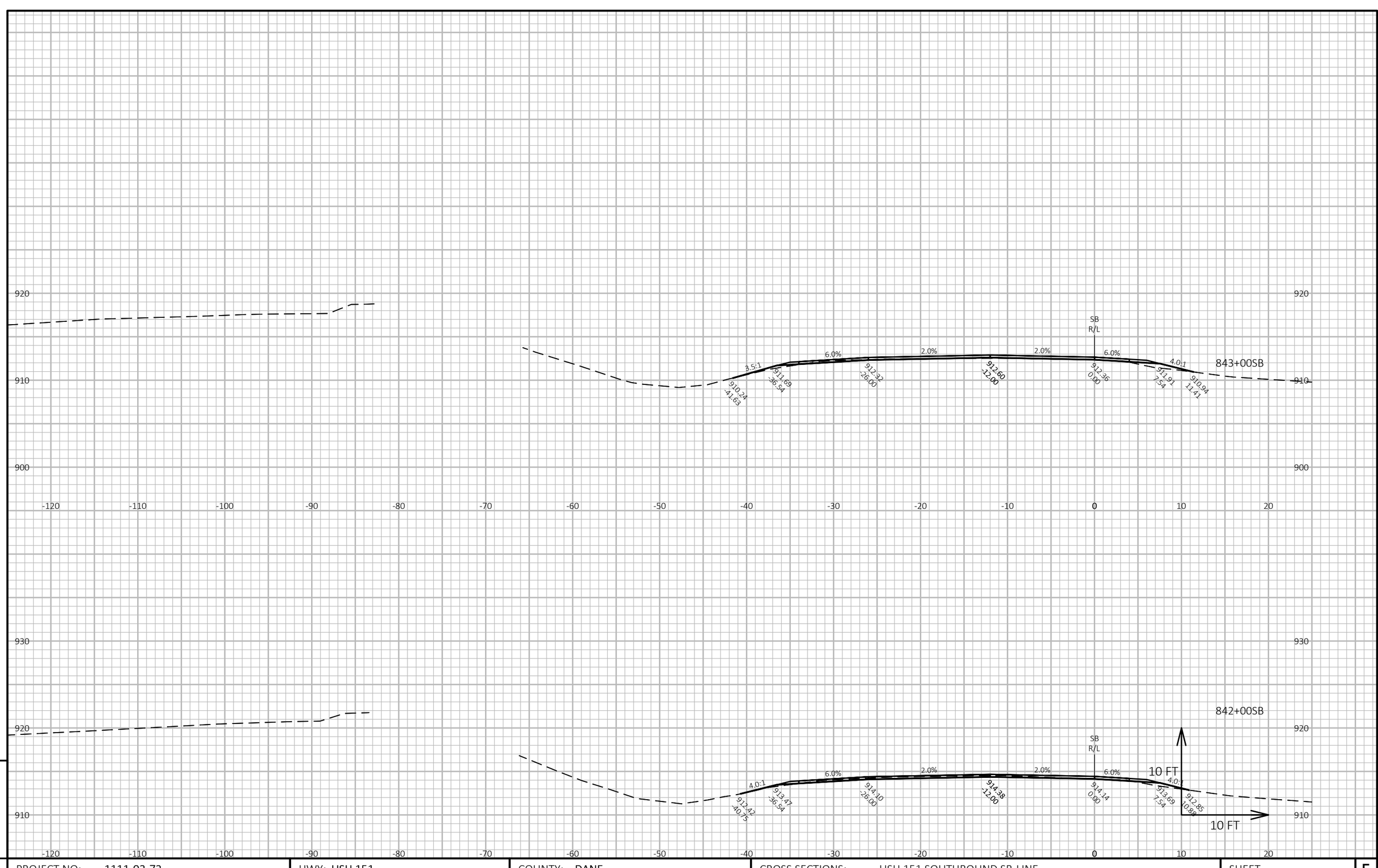
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 702	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090260_xs-SB

PLOT DATE : 4/24/2018 11:08 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 703	E

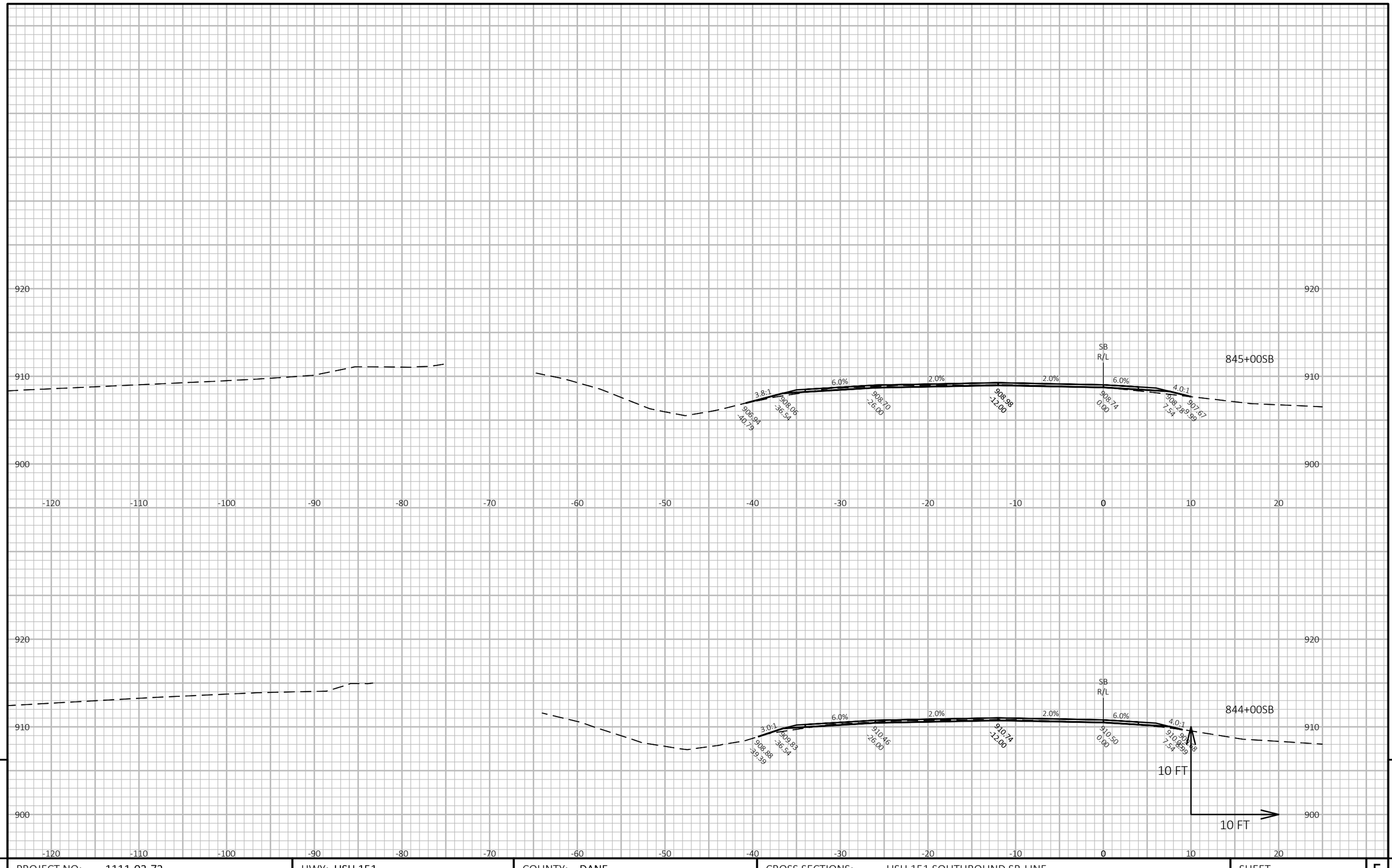
FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090261_xs-SB

PLOT DATE : 4/24/2018 11:08 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

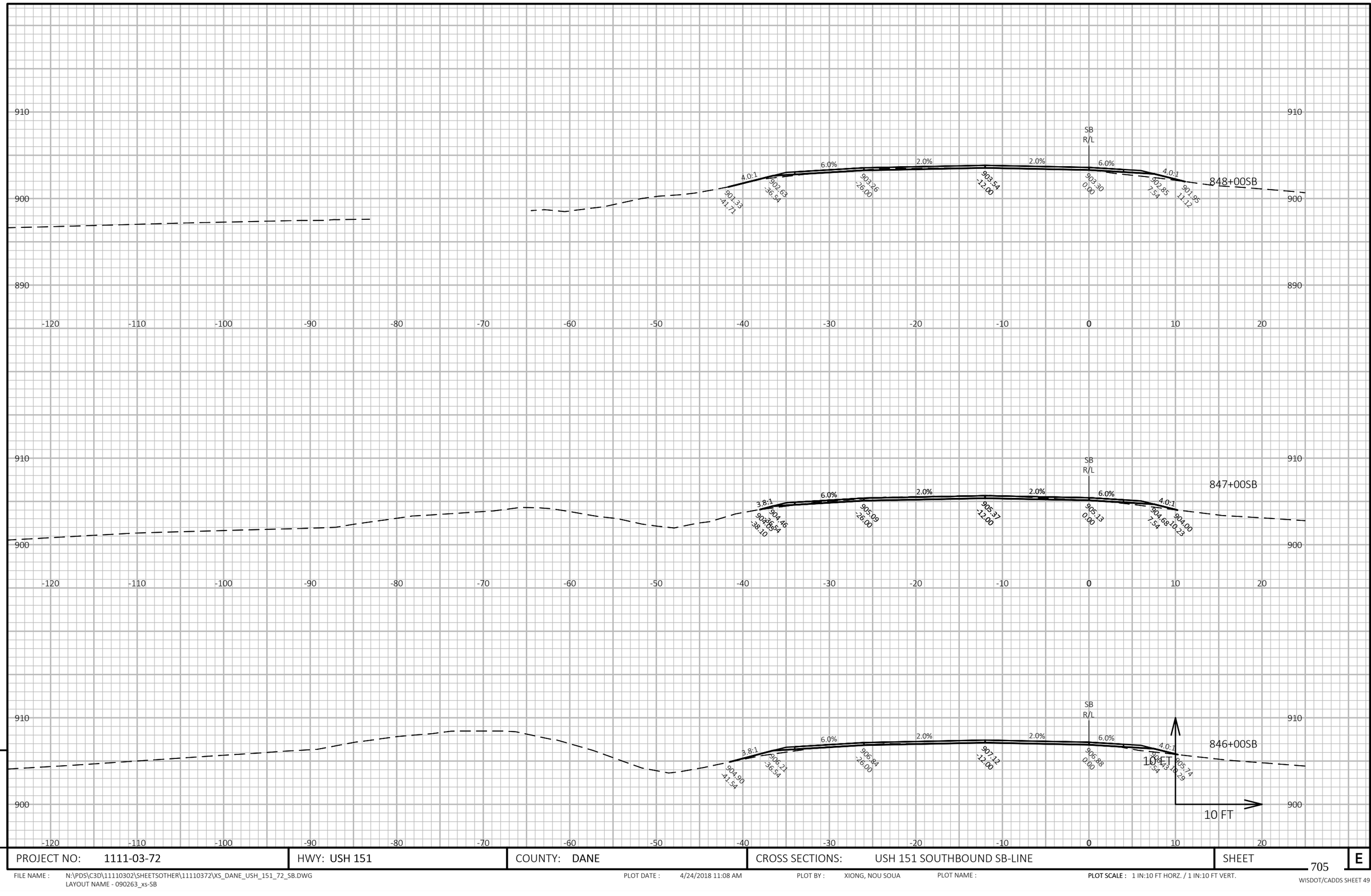


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 704 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090262_xs-SB

PLOT DATE : 4/24/2018 11:08 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

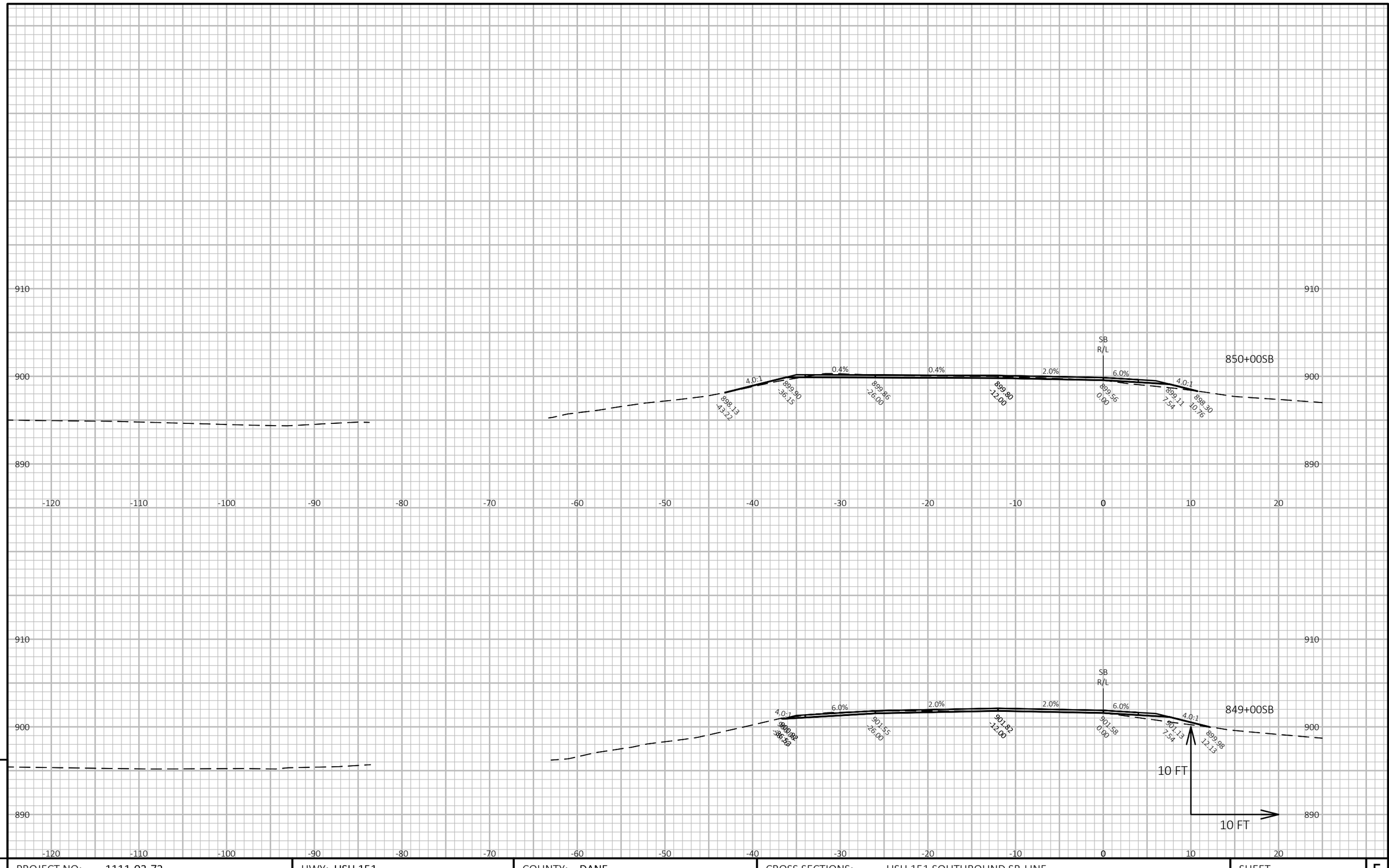


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 705 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090263_xs-SB

PLOT DATE : 4/24/2018 11:08 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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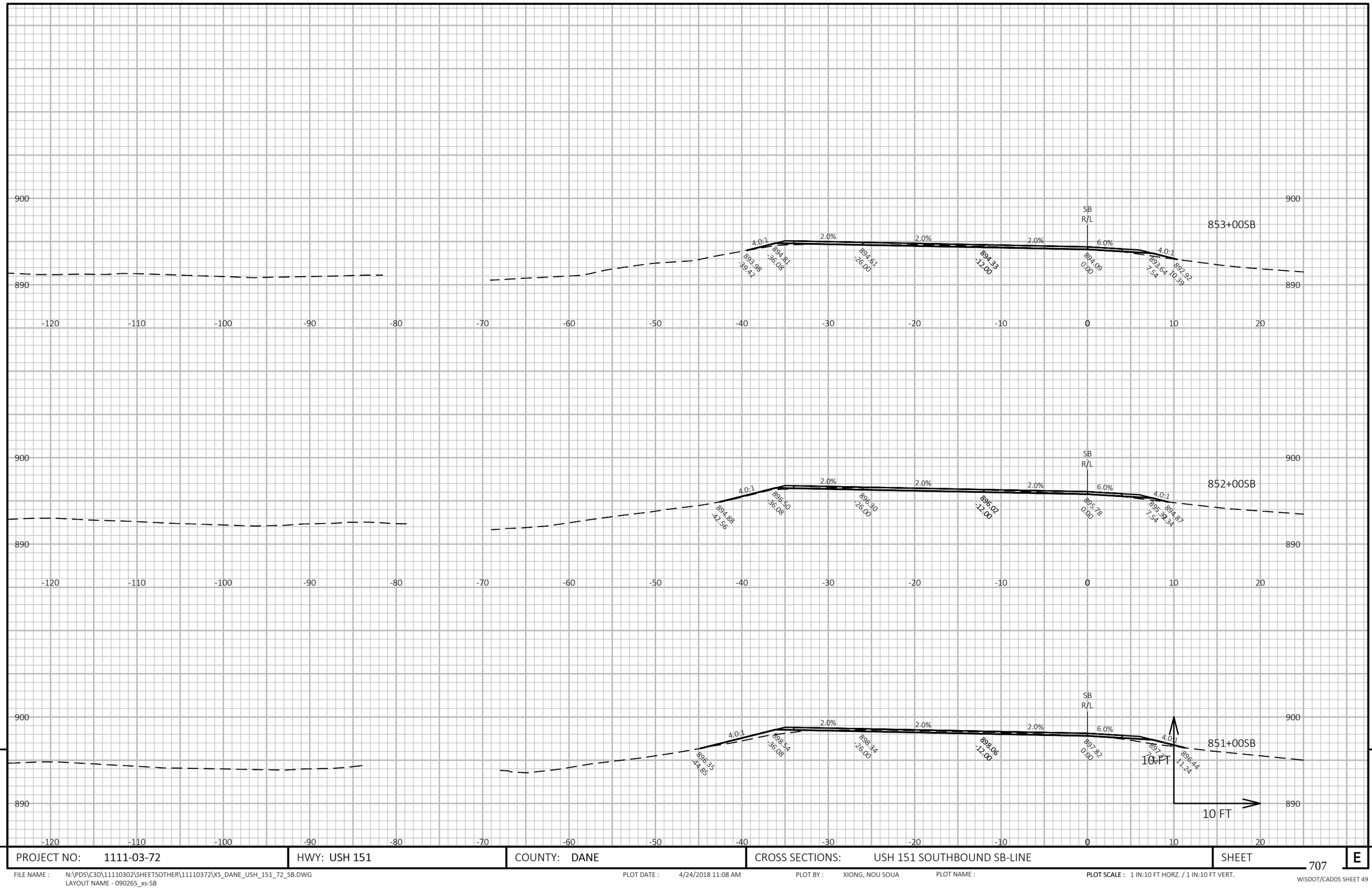
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 706	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090264_xs-SB

PLOT DATE : 4/24/2018 11:08 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

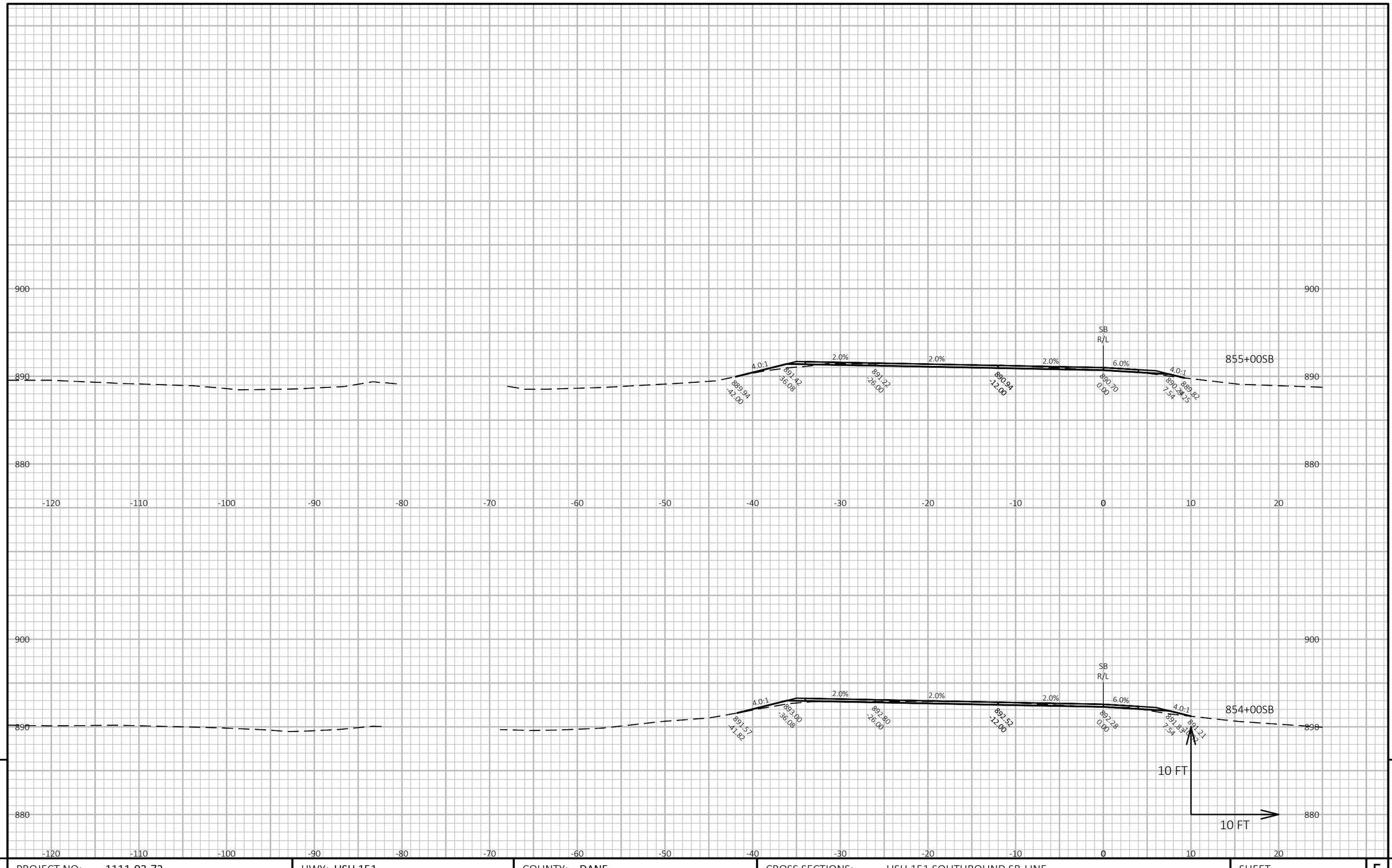


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 707	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090265_xs-SB

PLOT DATE : 4/24/2018 11:08 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

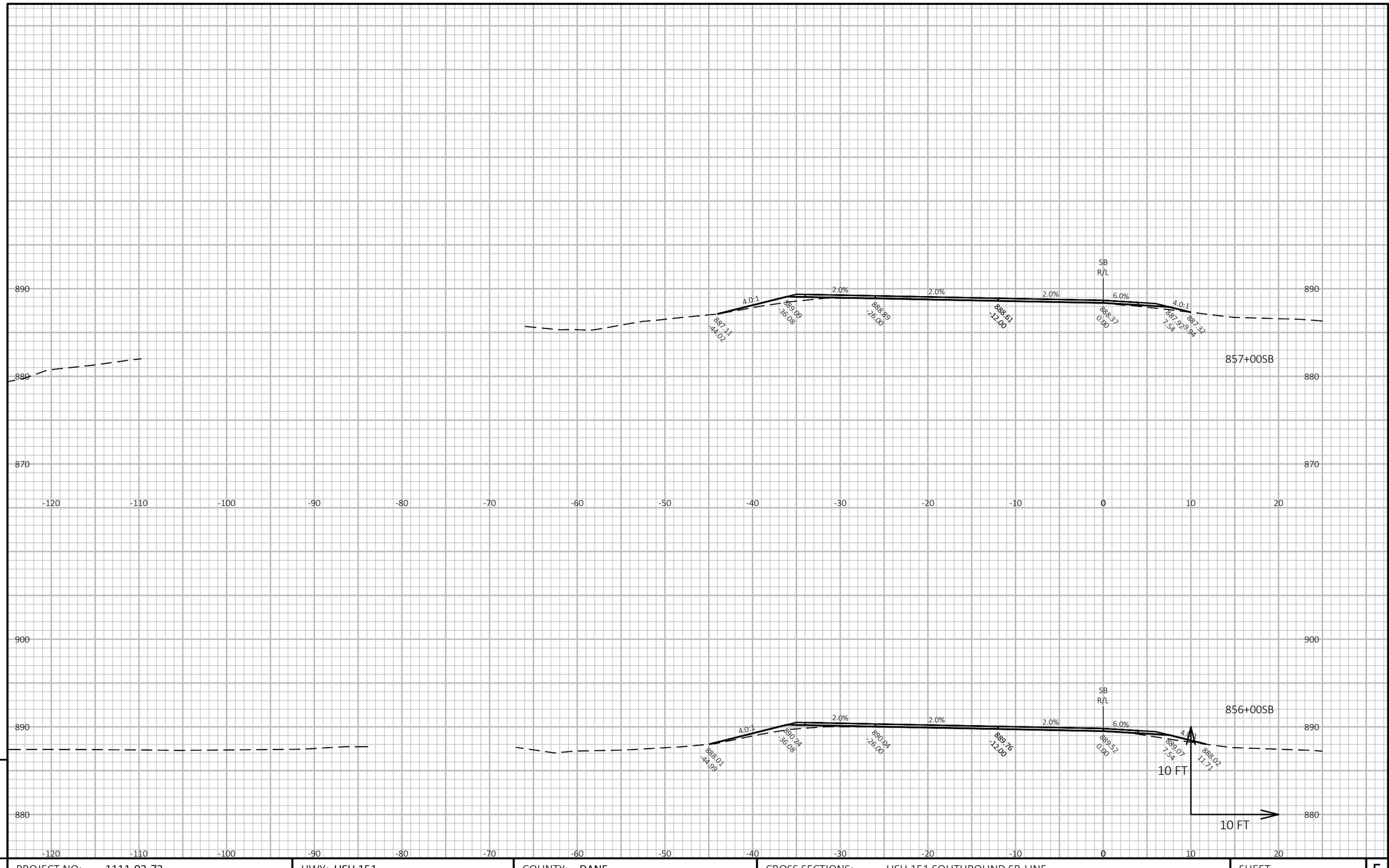


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 708 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090266_xs-SB

PLOT DATE : 4/24/2018 11:09 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 709	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090267_xs-SB

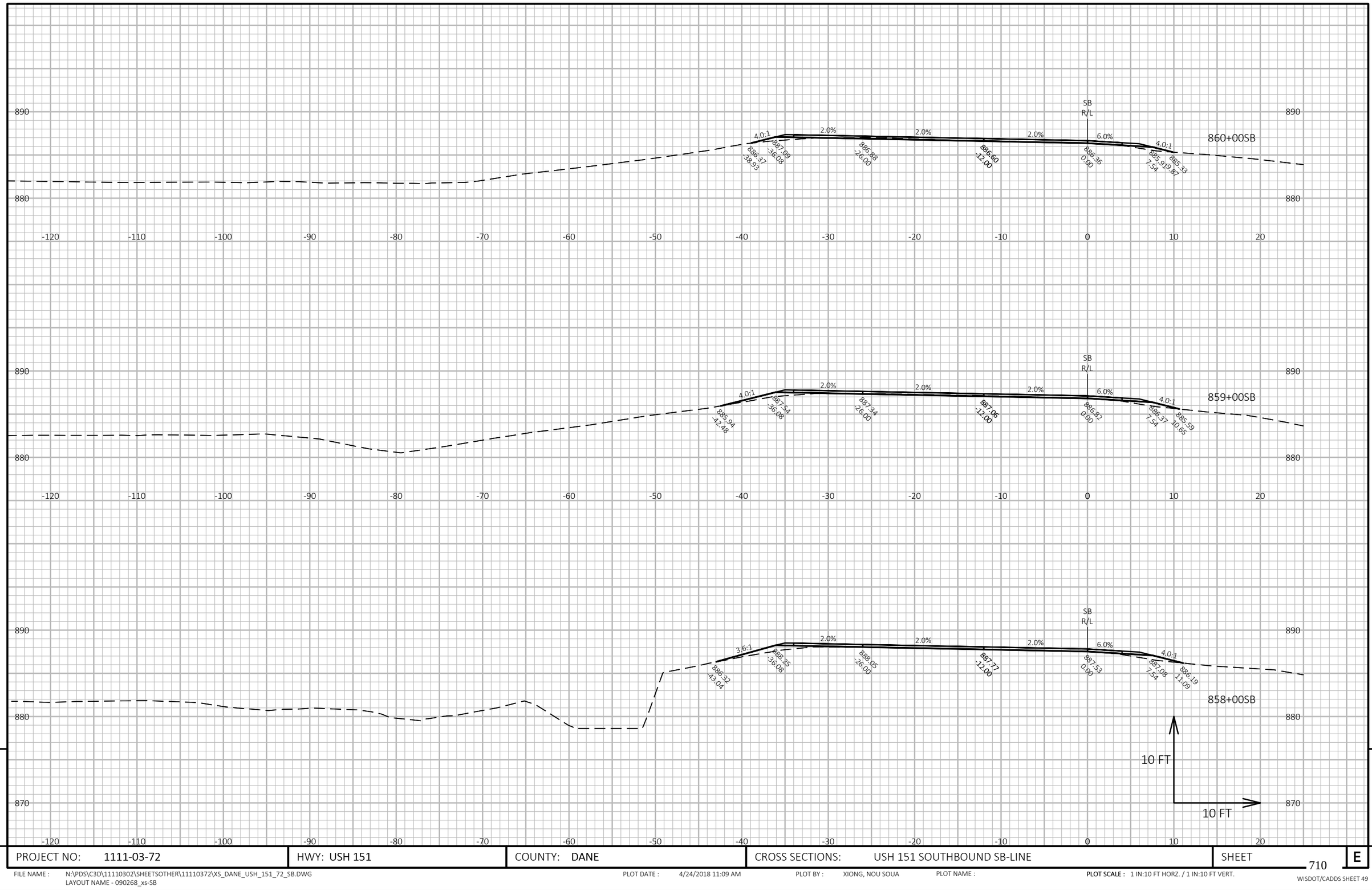
PLOT DATE : 4/24/2018 11:09 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



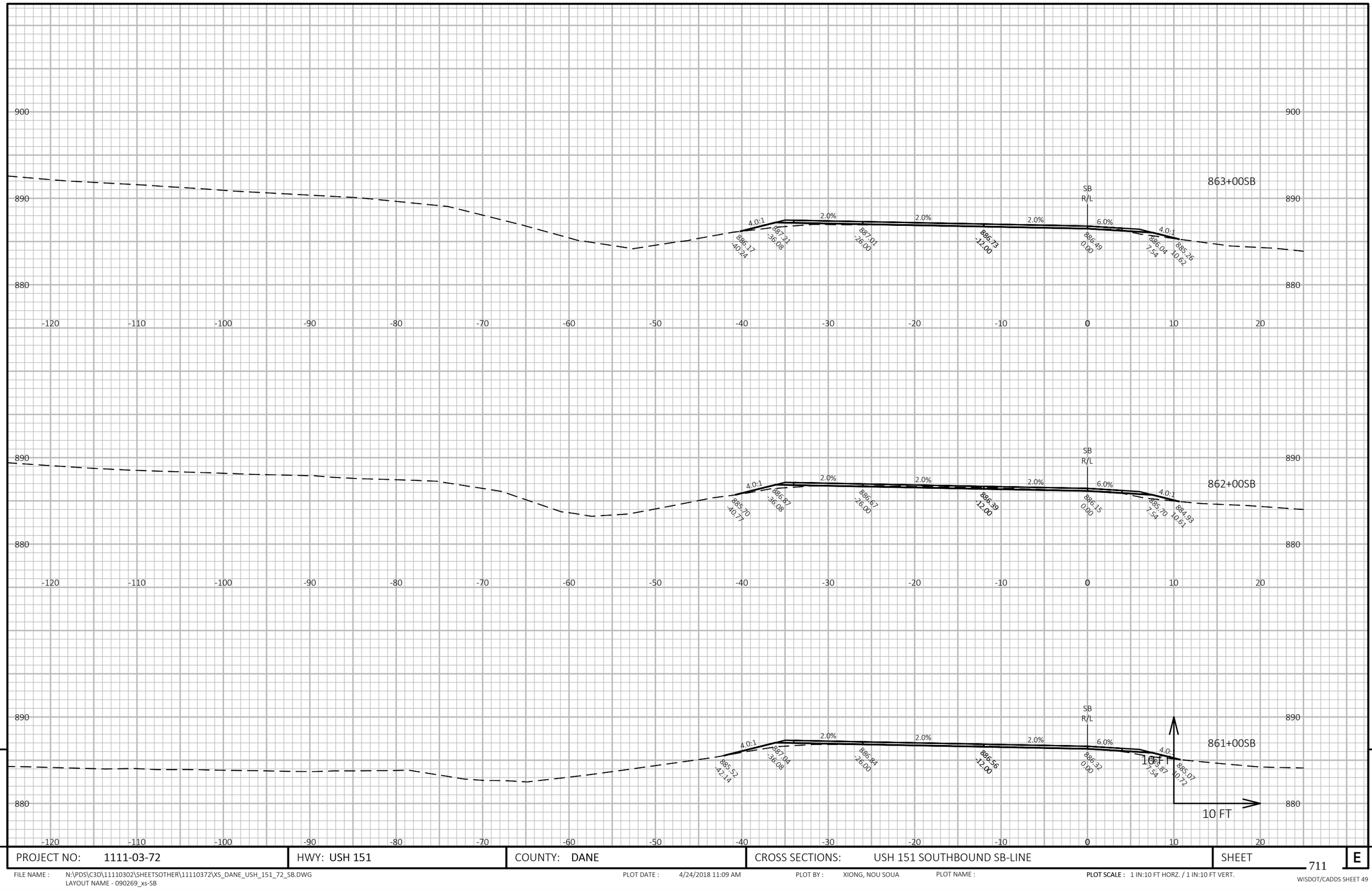
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 710	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090268_xs-SB

PLOT DATE : 4/24/2018 11:09 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

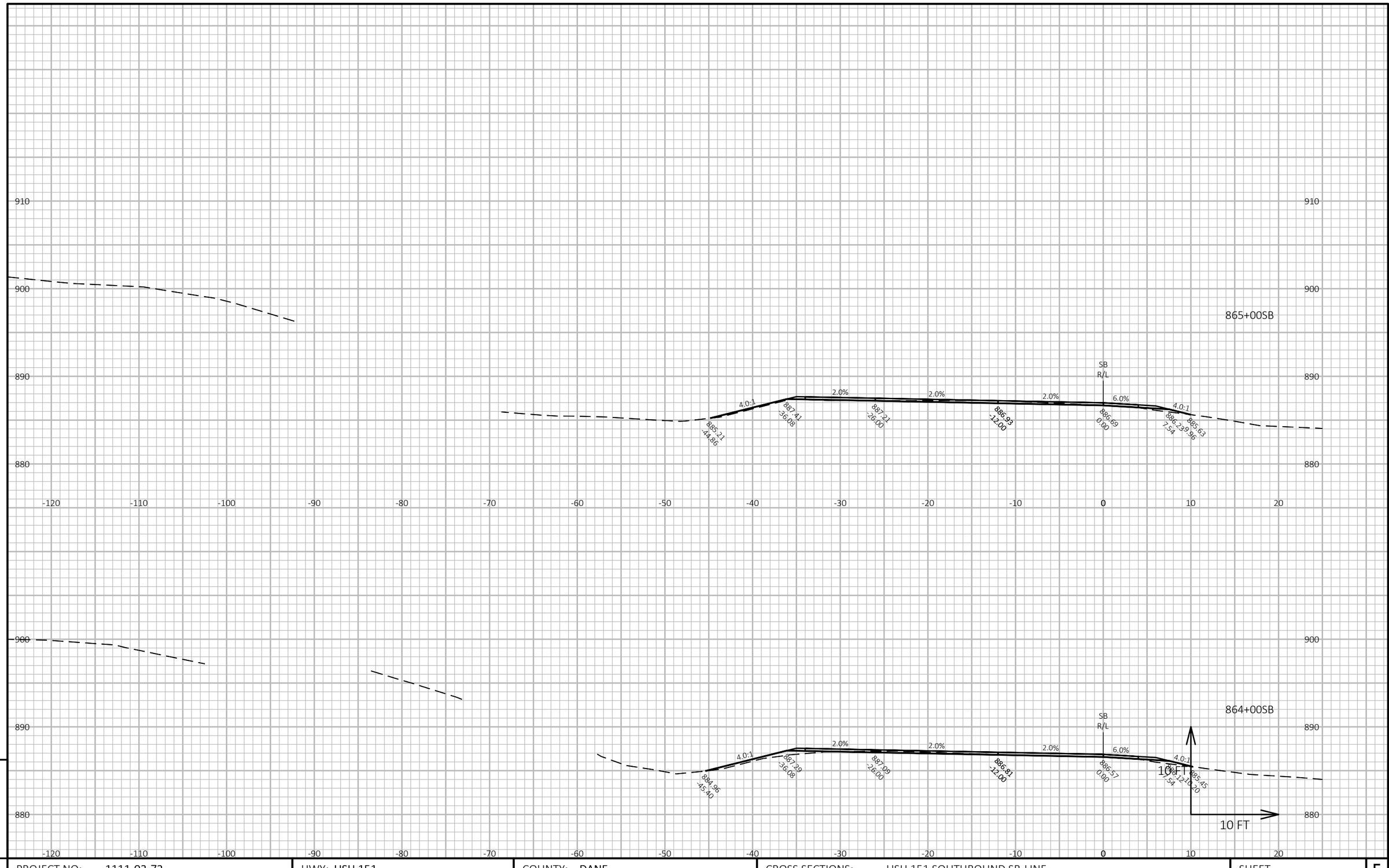


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 711 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090269_xs-SB

PLOT DATE : 4/24/2018 11:09 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



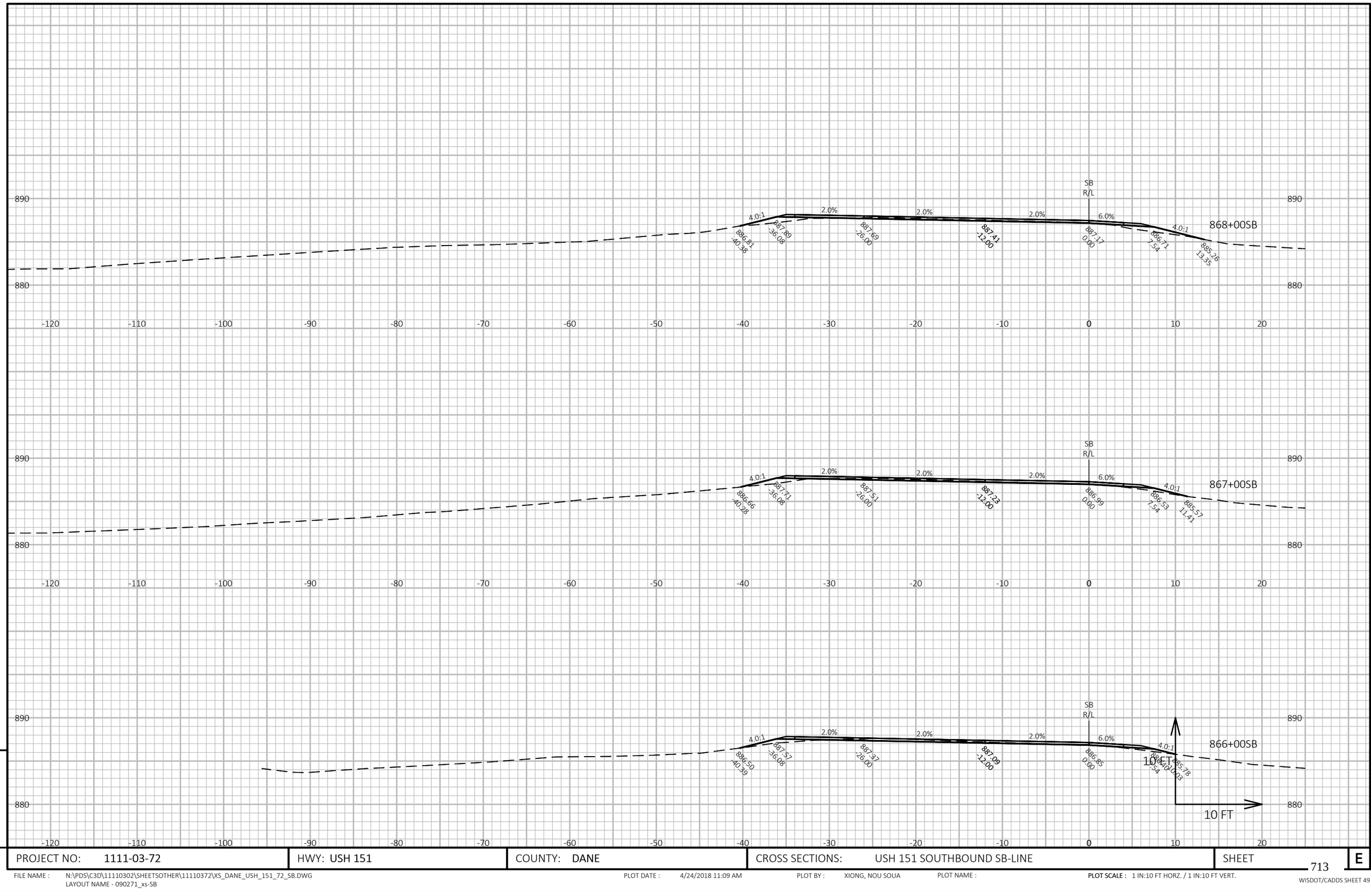
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 712	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090270_xs-SB

PLOT DATE : 4/24/2018 11:09 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 713	E

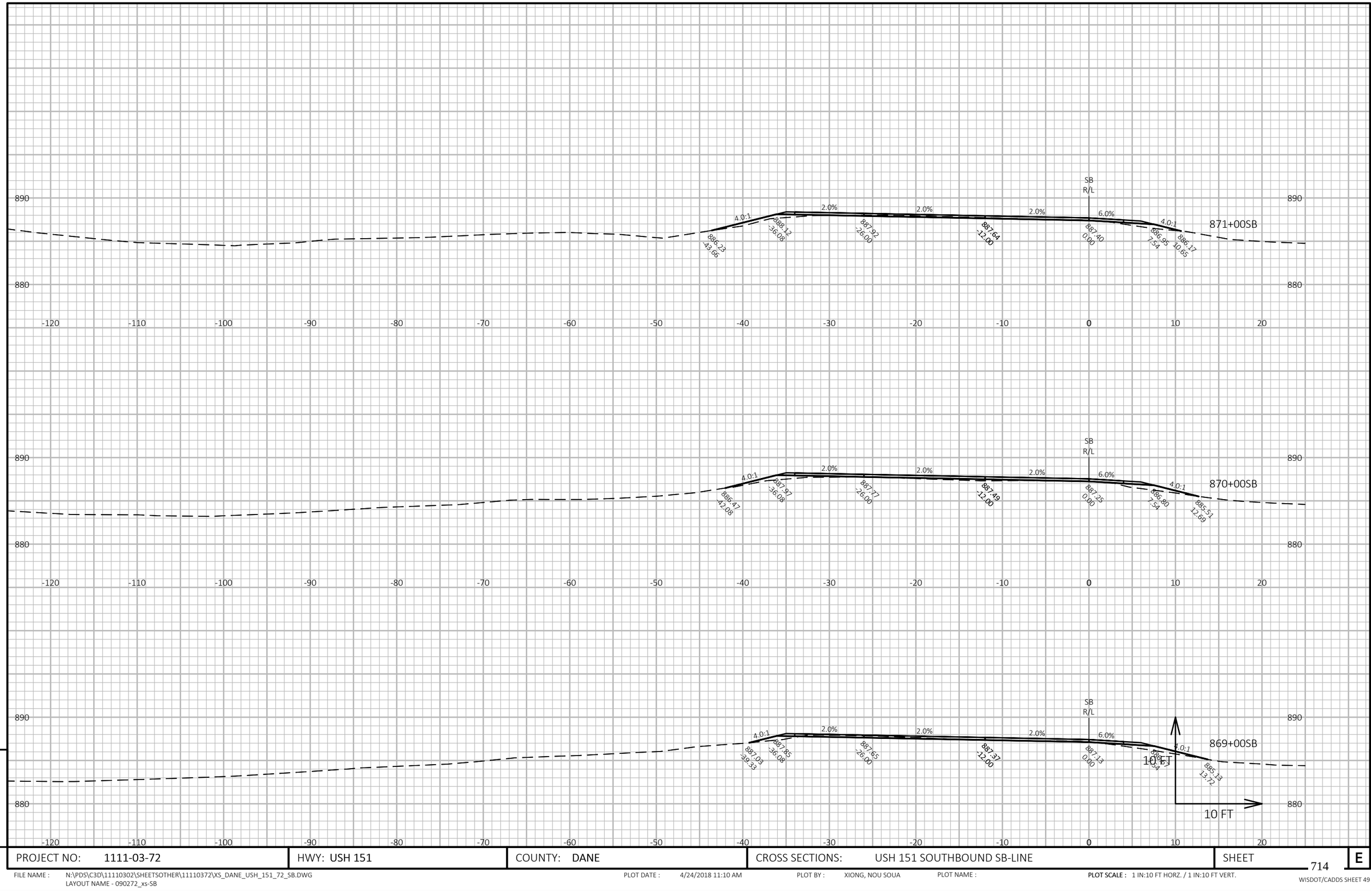
FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090271_xs-SB

PLOT DATE : 4/24/2018 11:09 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

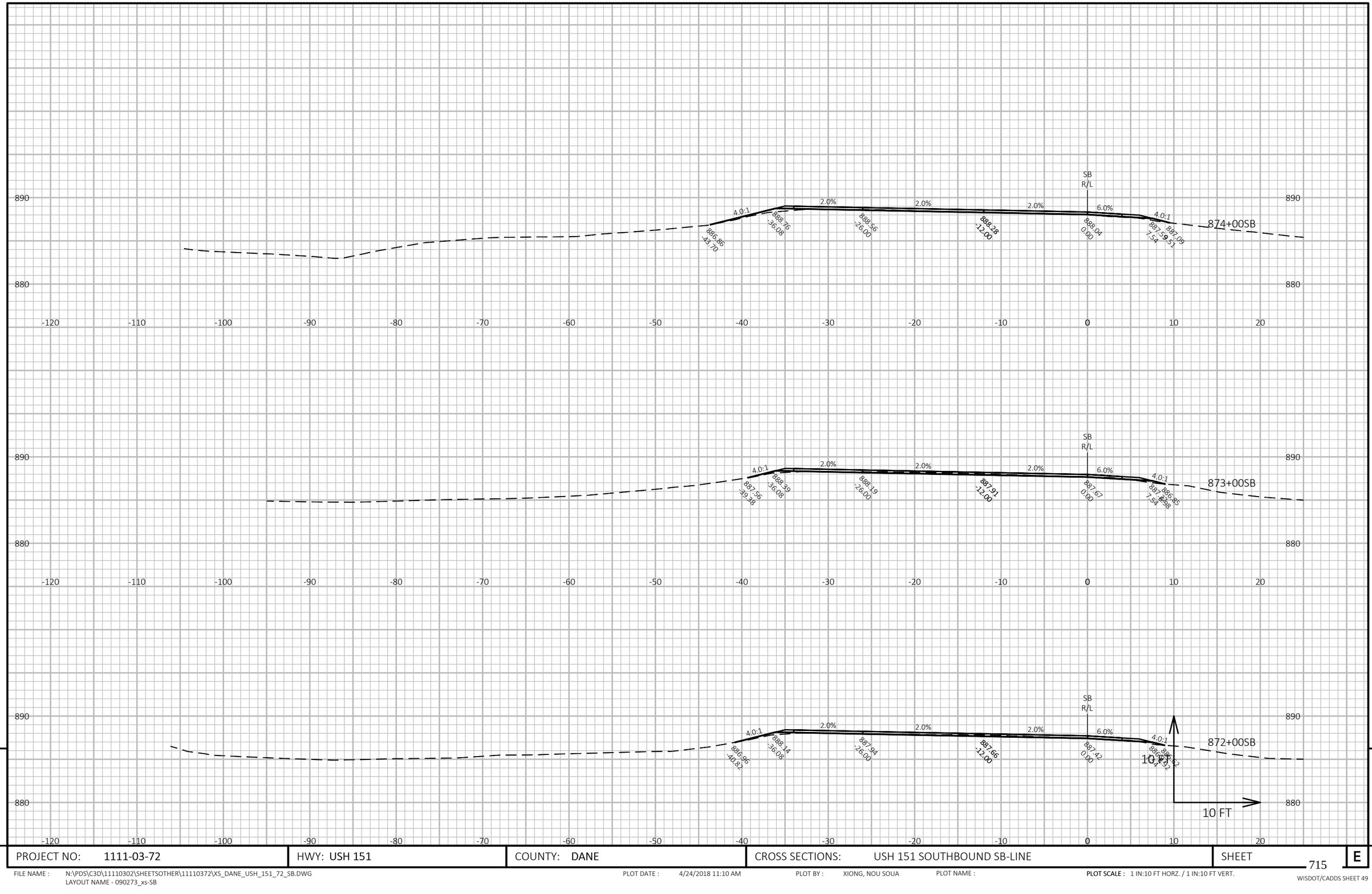


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 714 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090272_xs-SB

PLOT DATE : 4/24/2018 11:10 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



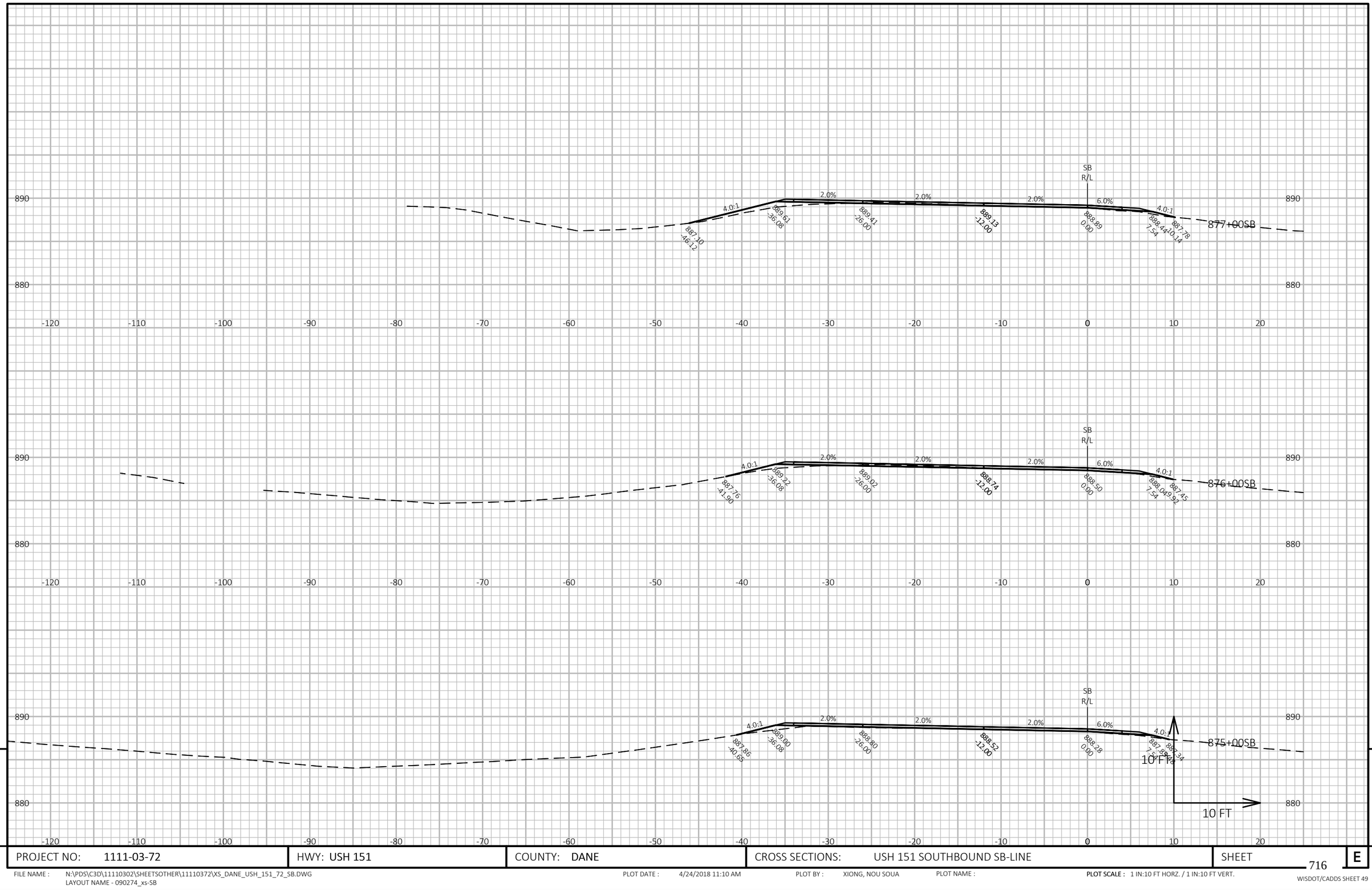
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 715	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090273_xs-SB

PLOT DATE : 4/24/2018 11:10 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

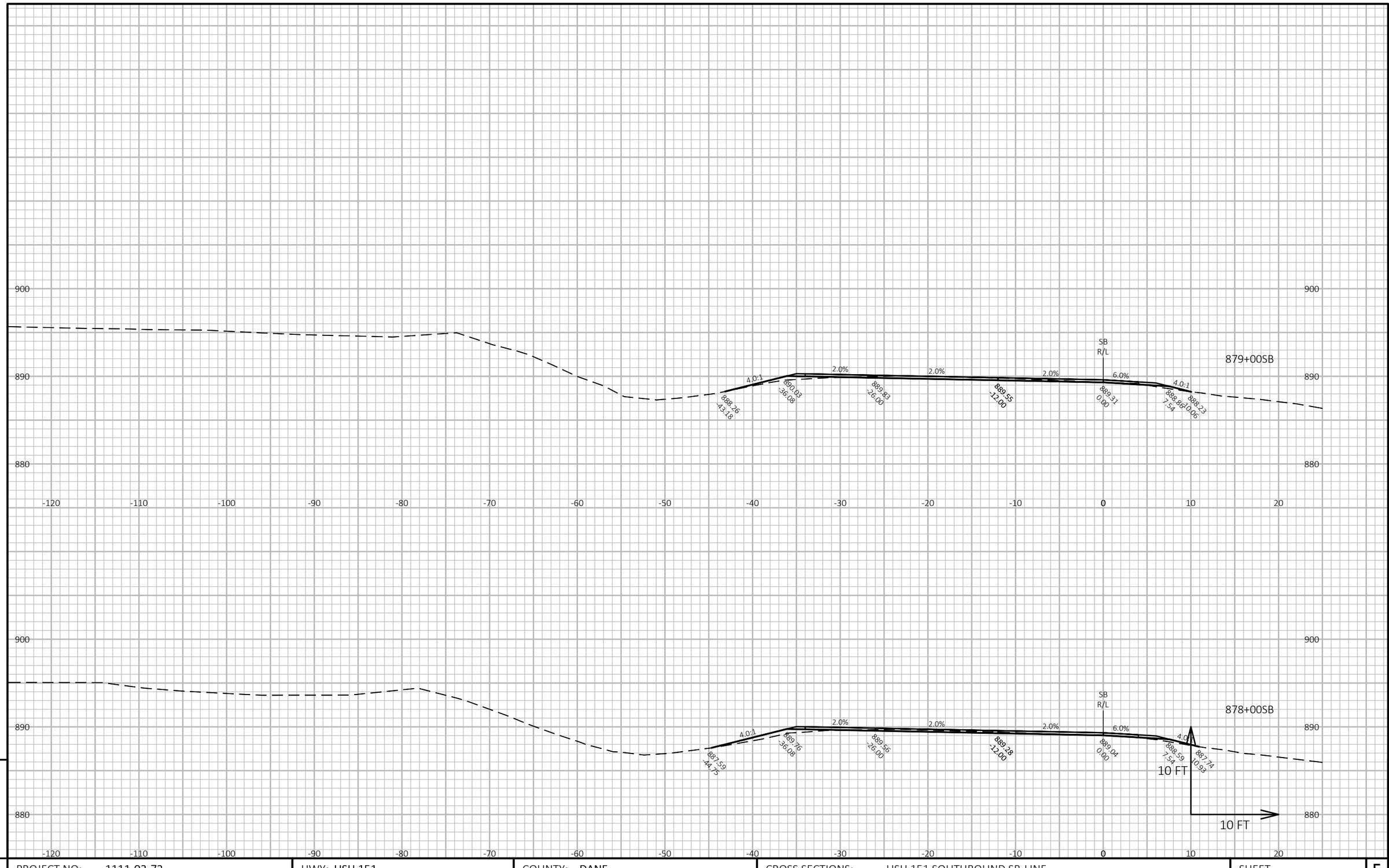


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 716

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090274_xs-SB

PLOT DATE : 4/24/2018 11:10 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

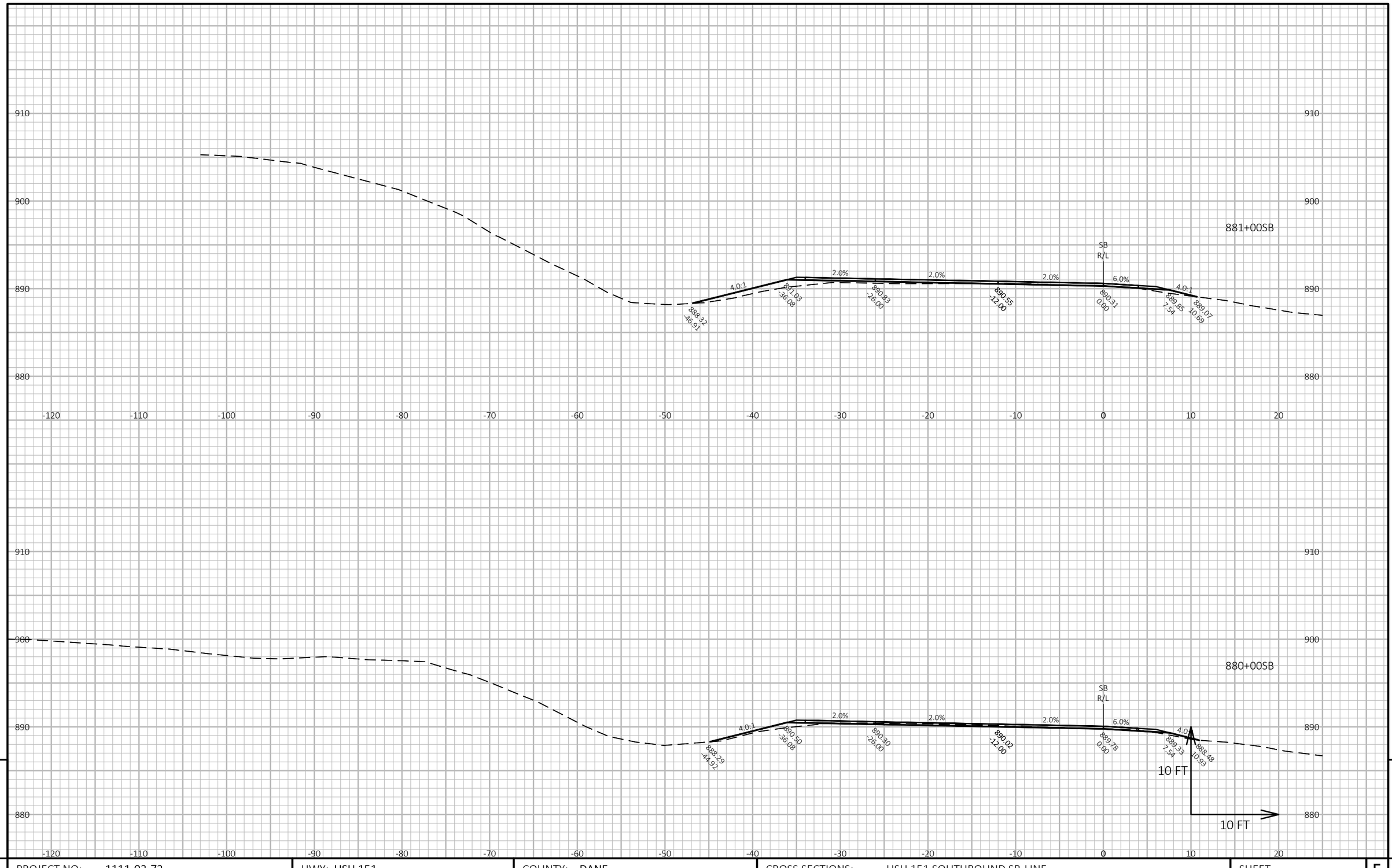


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 717 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090275_xs-SB

PLOT DATE : 4/24/2018 11:10 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 718	E

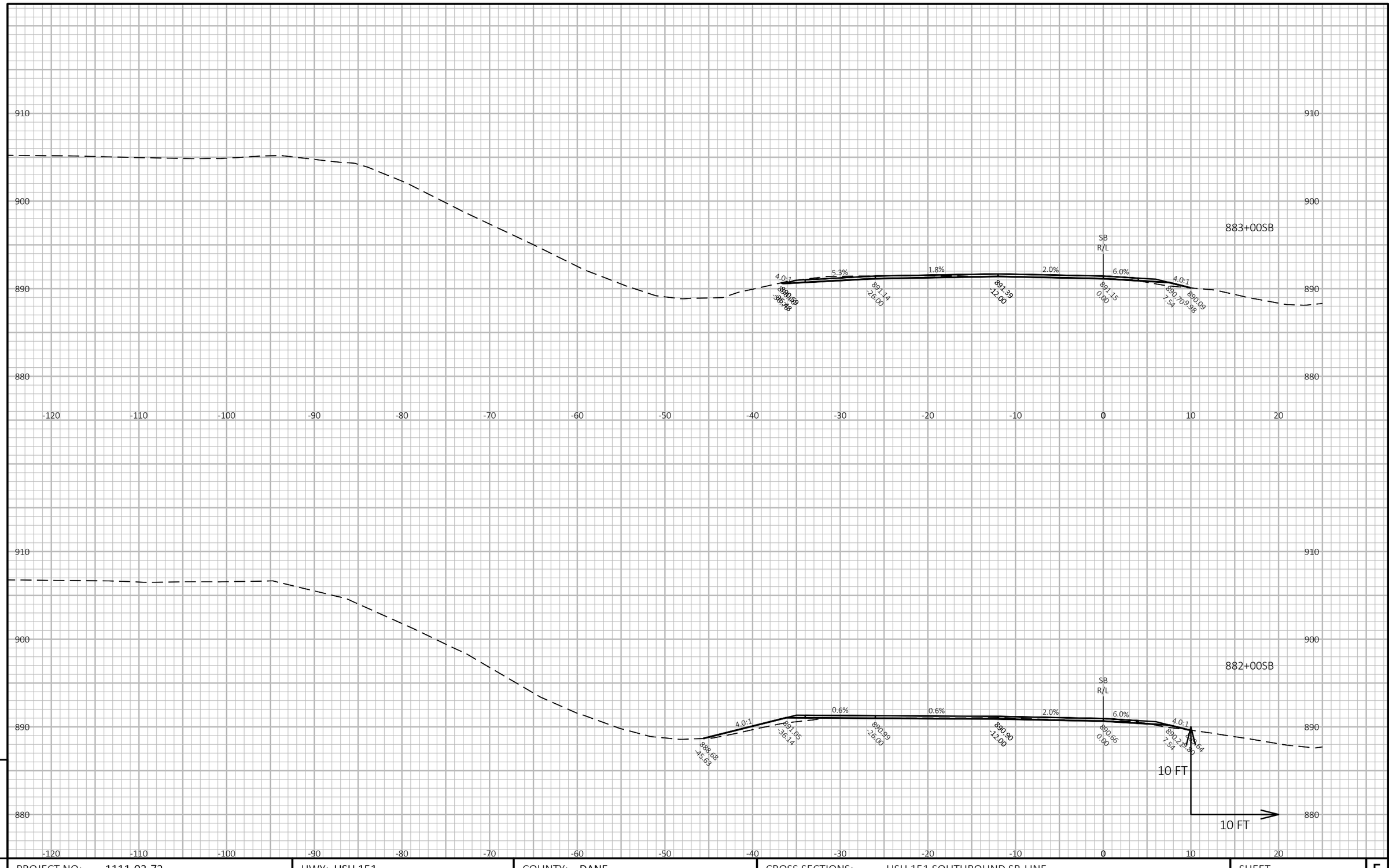
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LAYOUT NAME - 090276_xs-SB

PLOT DATE : 4/24/2018 11:10 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

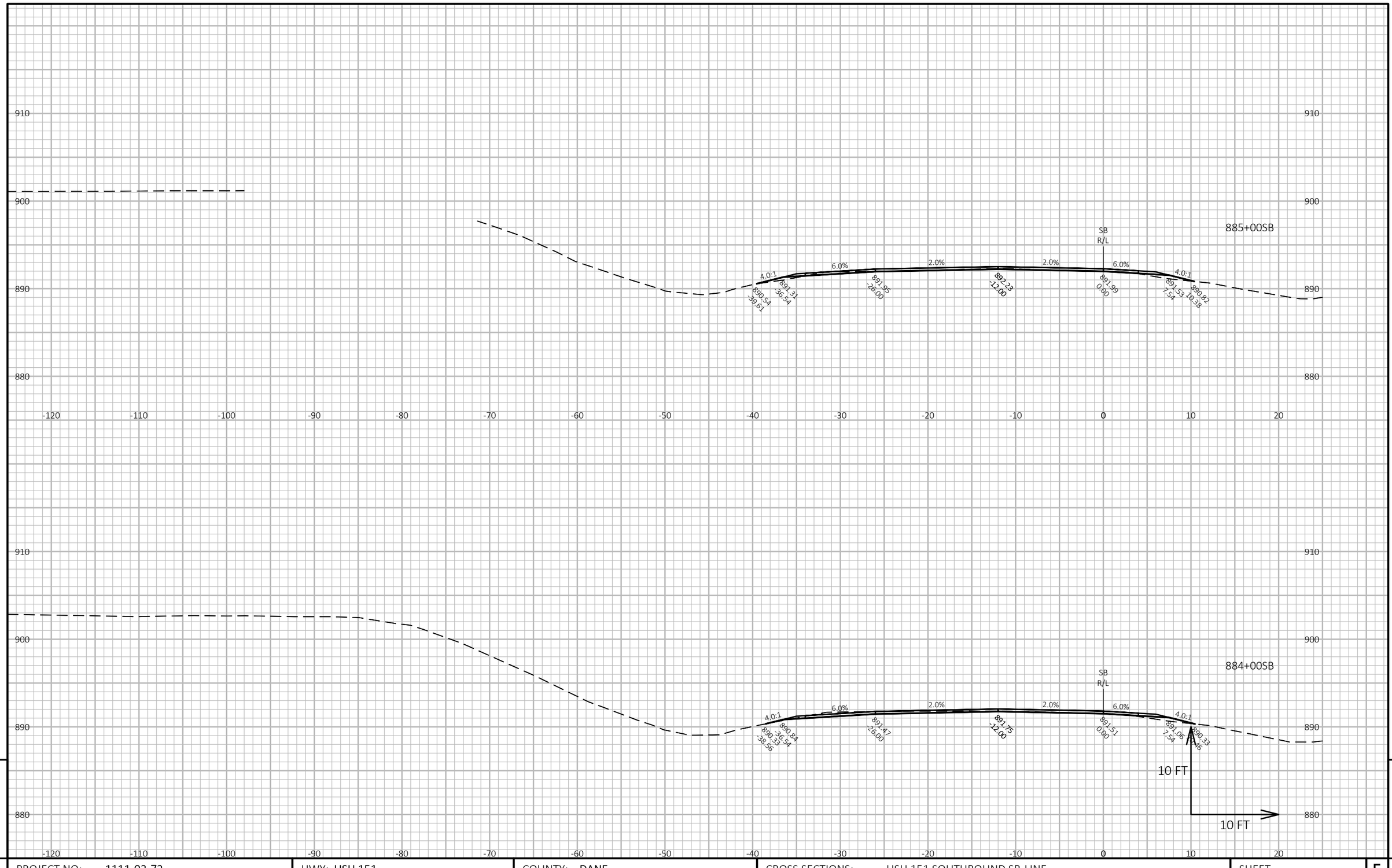


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 719 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090277_xs-SB

PLOT DATE : 4/24/2018 11:11 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 720	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090278_xs-SB

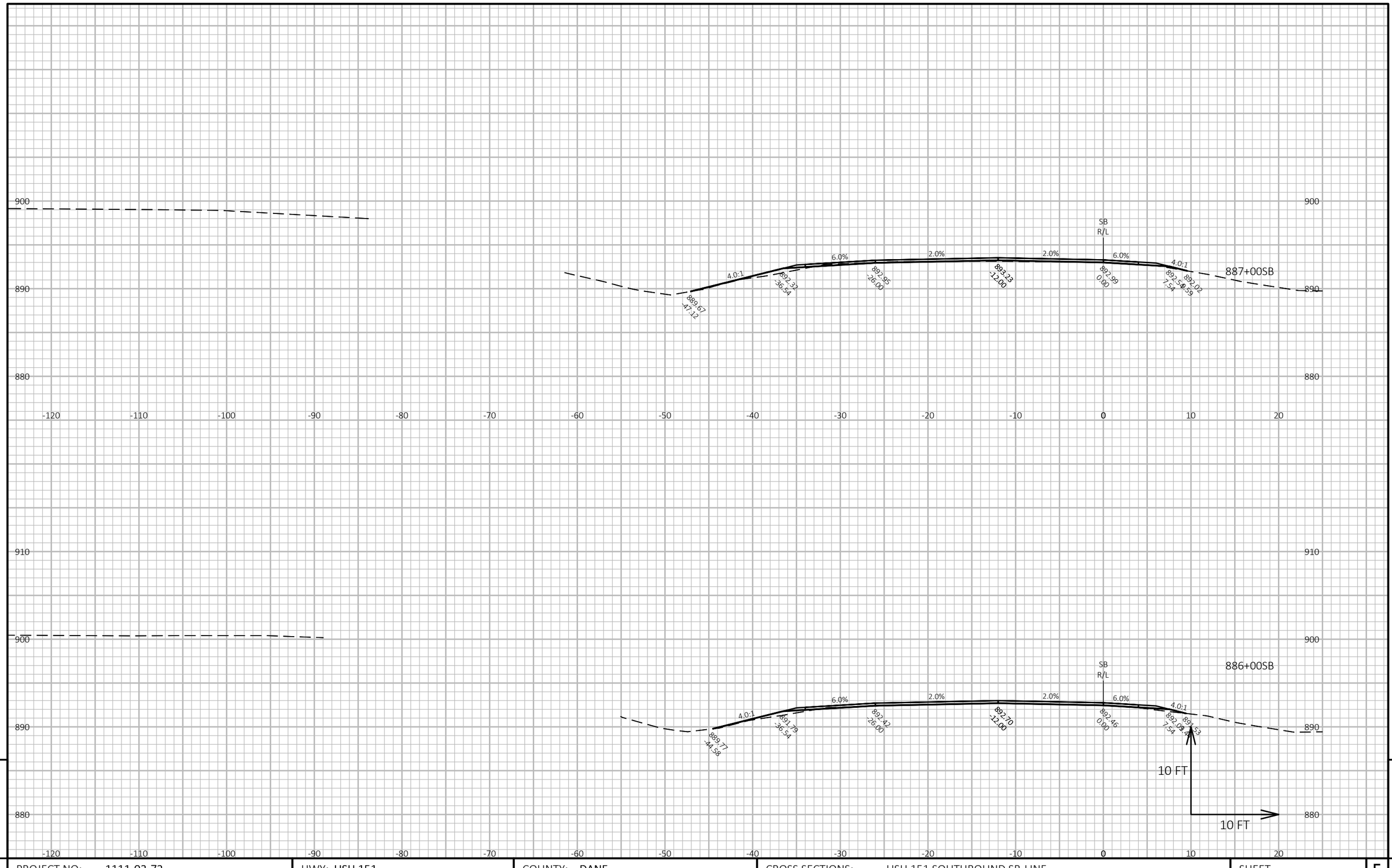
PLOT DATE : 4/24/2018 11:11 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

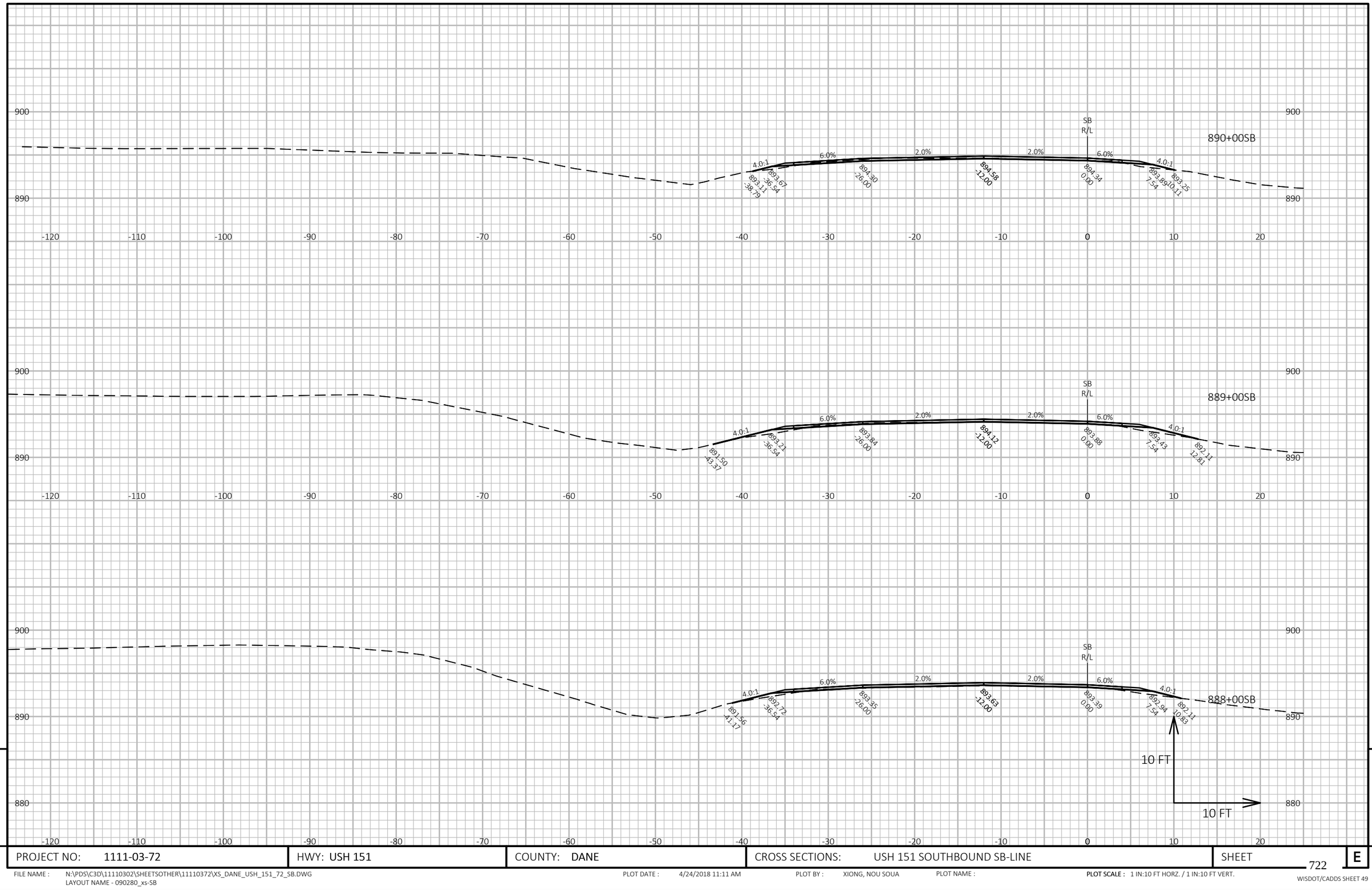


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 721	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090279_xs-SB

PLOT DATE : 4/24/2018 11:11 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

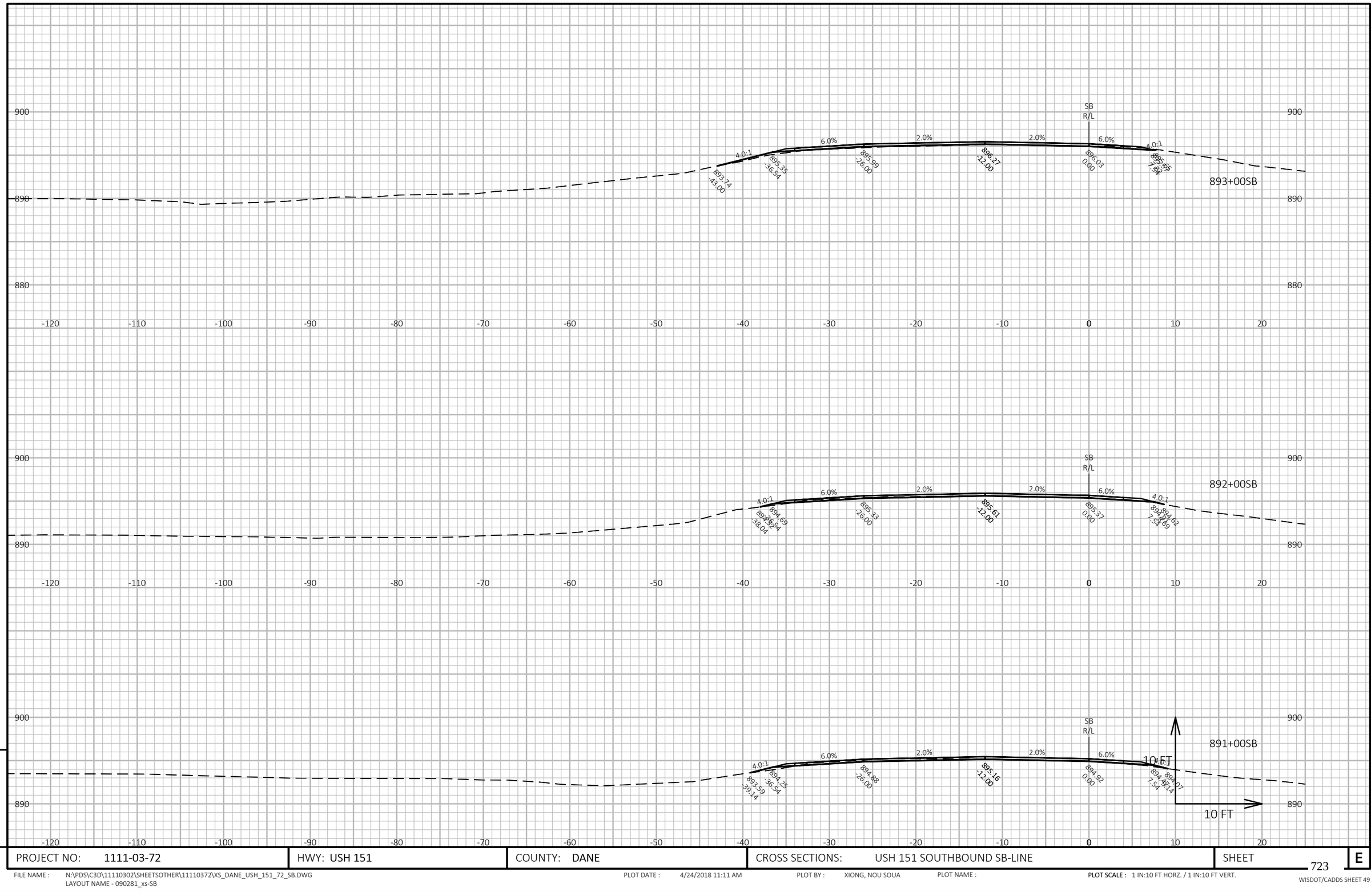


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 722 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090280_xs-SB

PLOT DATE : 4/24/2018 11:11 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

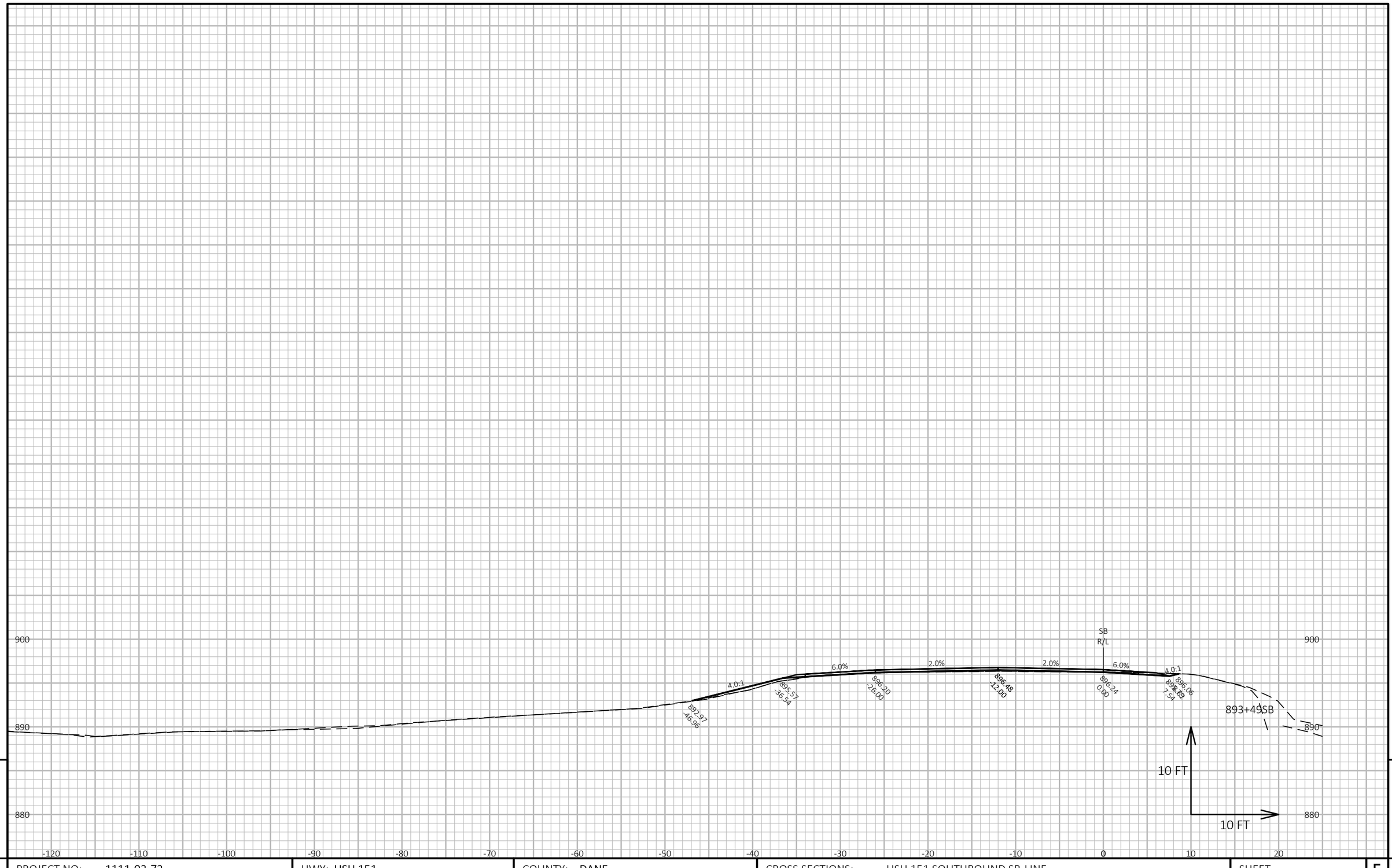


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 723 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090281_xs-SB

PLOT DATE : 4/24/2018 11:11 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 724	E

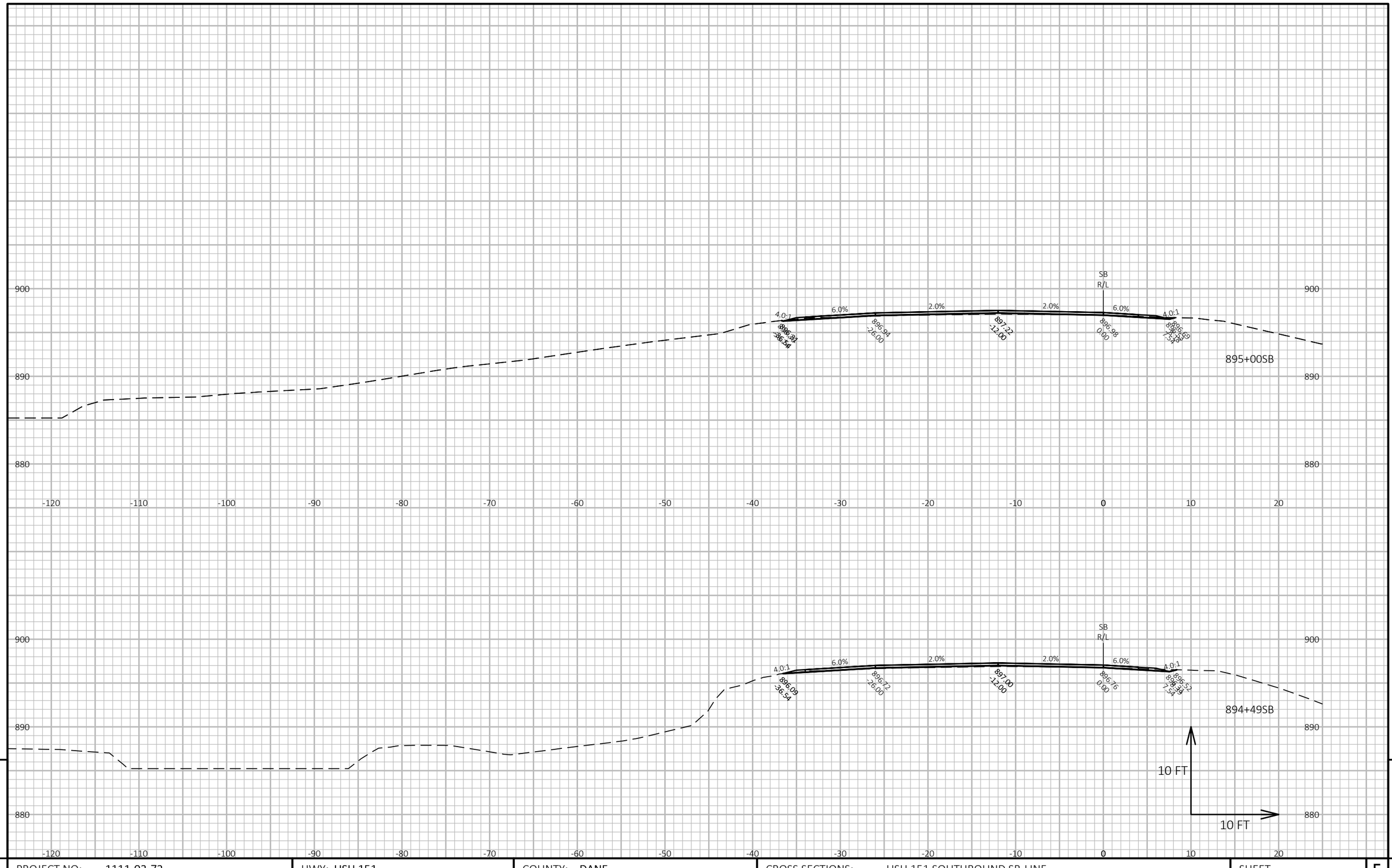
FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090282_xs-SB

PLOT DATE : 4/24/2018 11:11 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



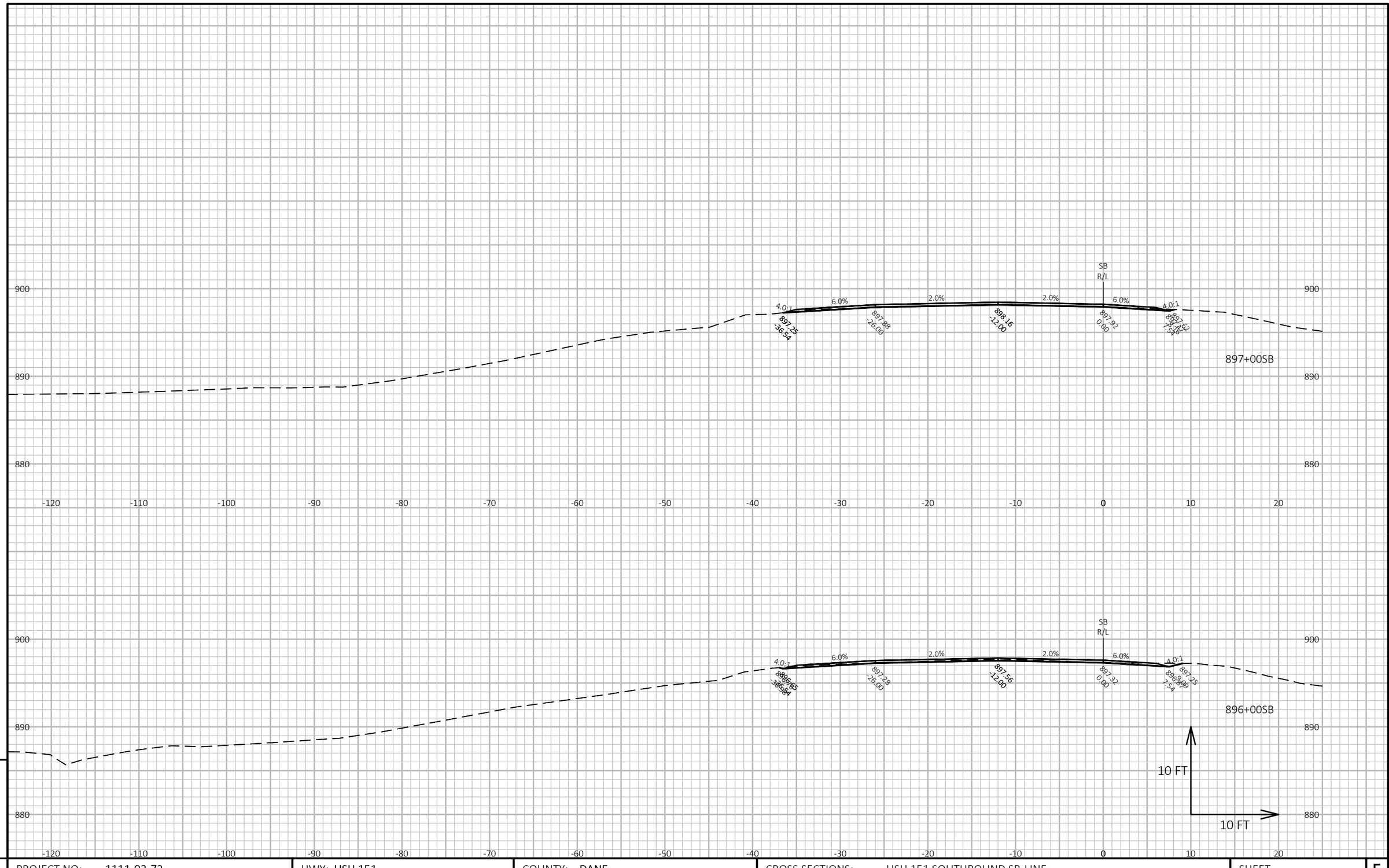
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 725	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090283_xs-SB

PLOT DATE : 4/24/2018 11:11 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

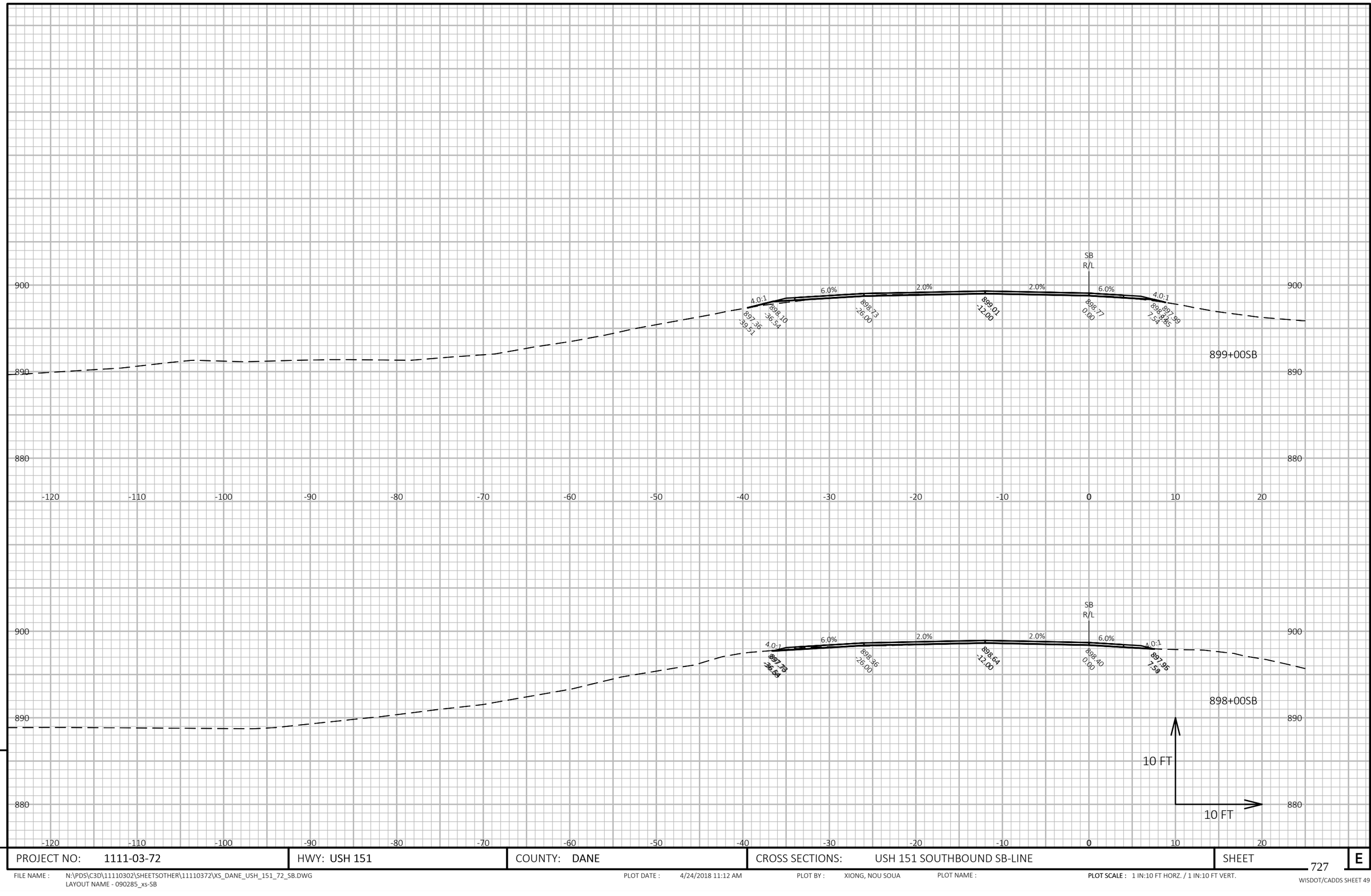


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 726 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090284_xs-SB

PLOT DATE : 4/24/2018 11:12 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



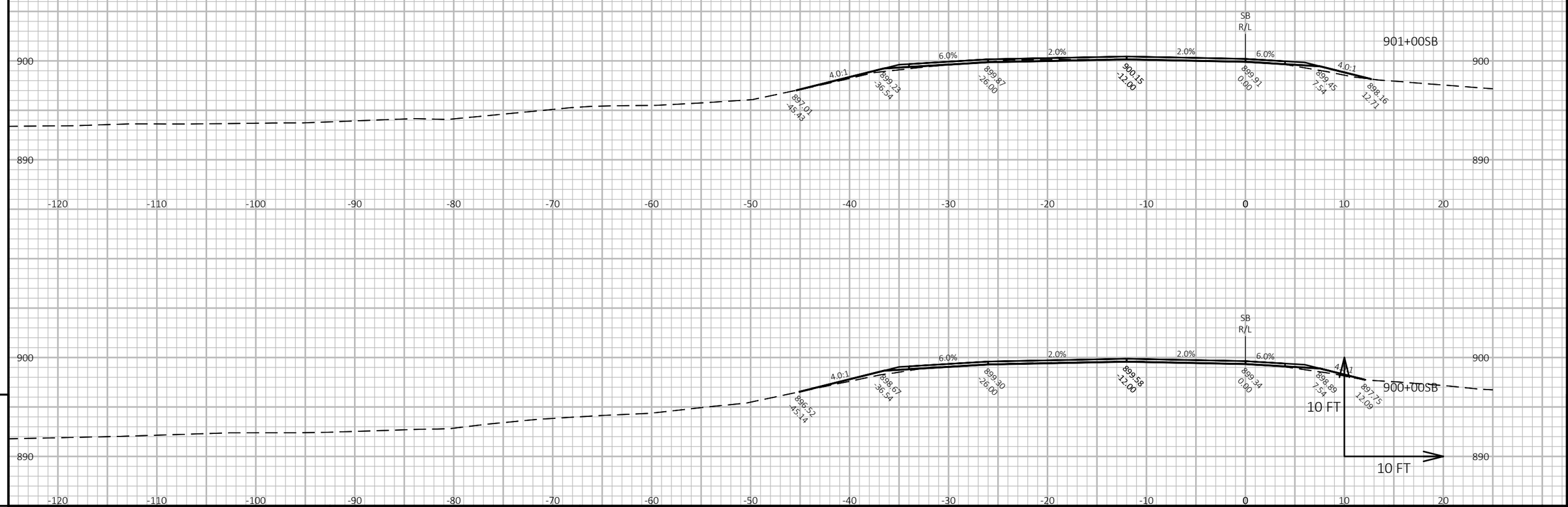
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 727	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090285_xs-SB

PLOT DATE : 4/24/2018 11:12 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 728	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090286_xs-SB

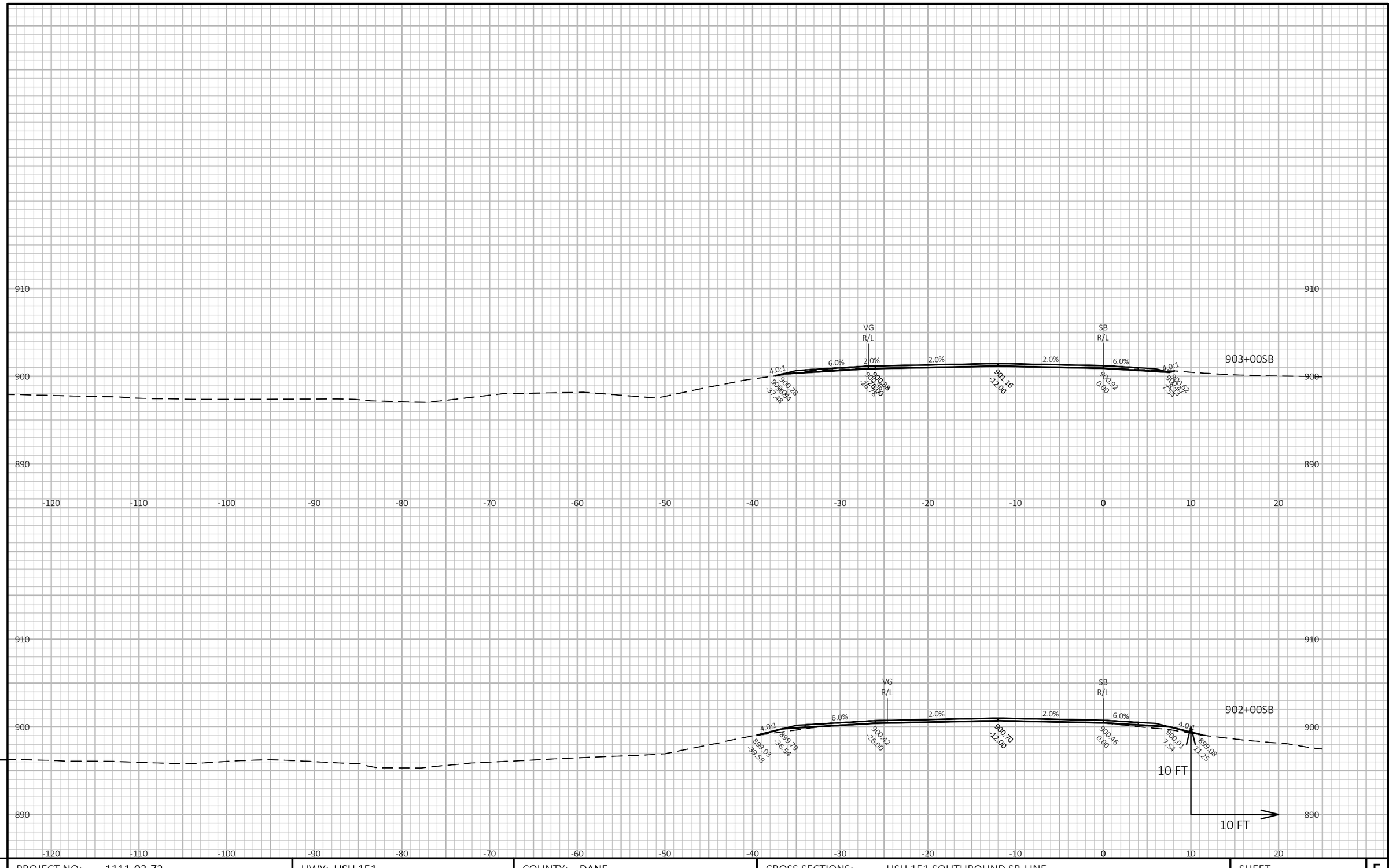
PLOT DATE : 4/24/2018 11:12 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

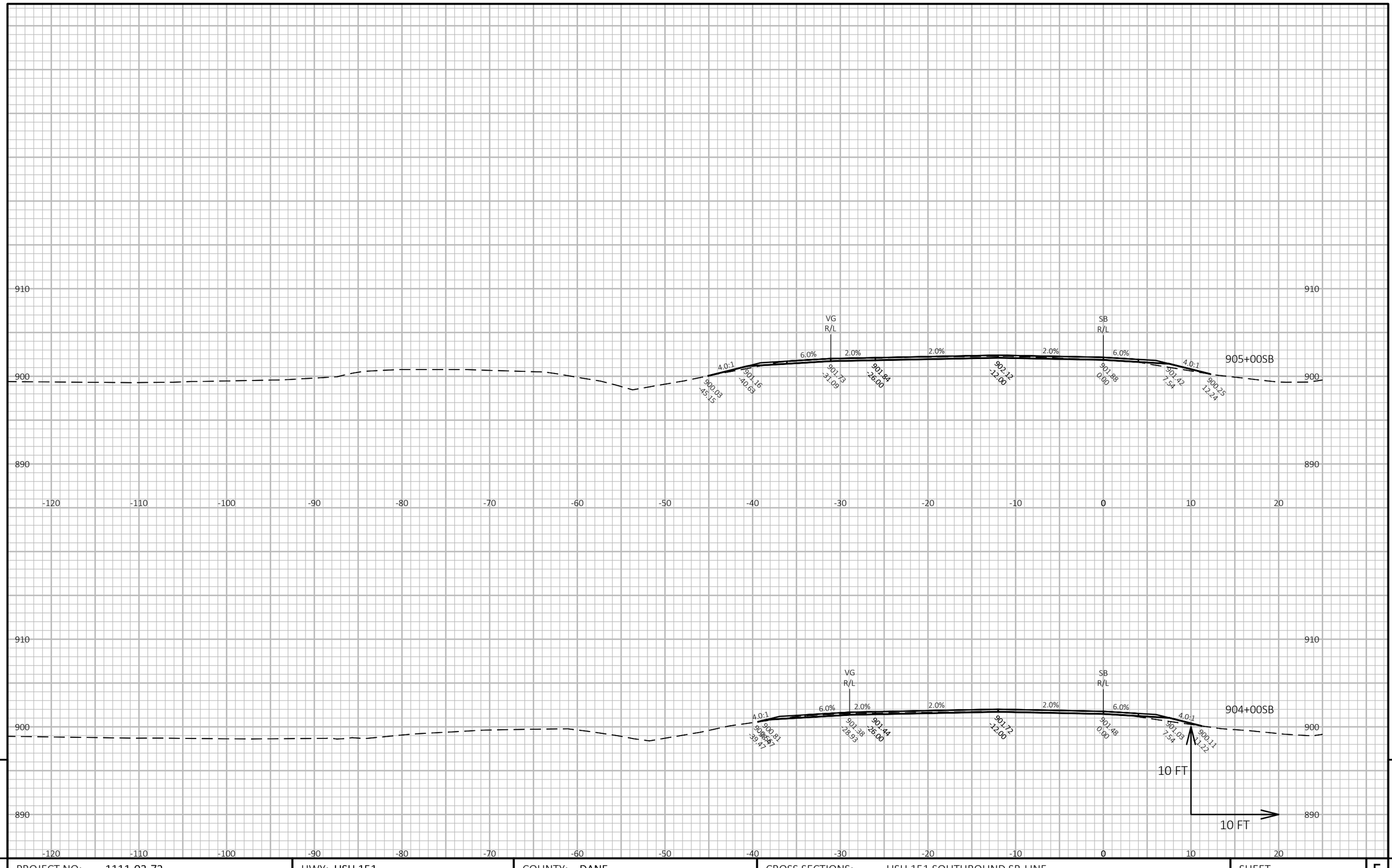


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 729 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090287_xs-SB

PLOT DATE : 4/24/2018 11:12 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



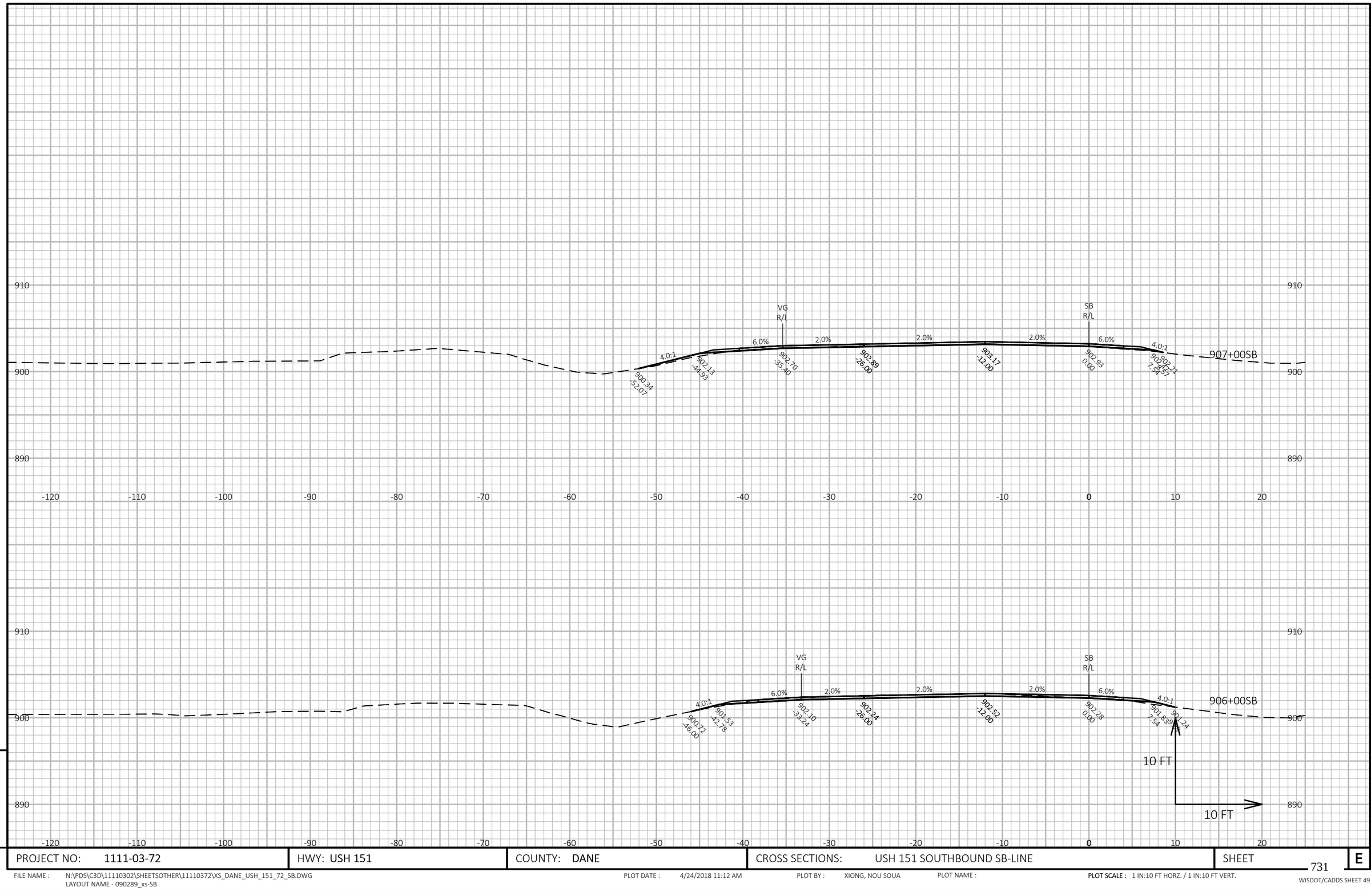
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 730 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090288_xs-SB

PLOT DATE : 4/24/2018 11:12 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

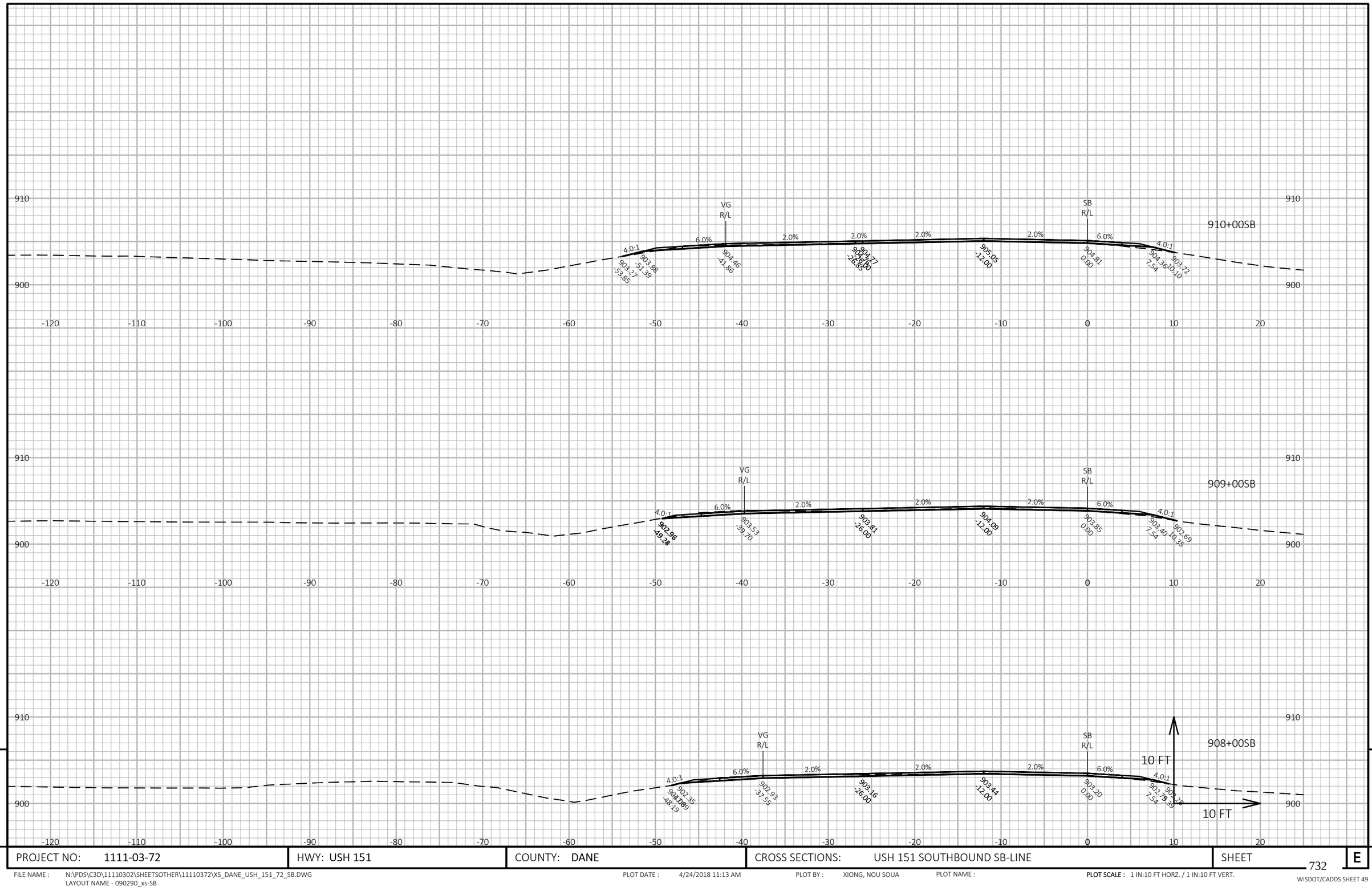


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 731 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090289_xs-SB

PLOT DATE : 4/24/2018 11:12 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

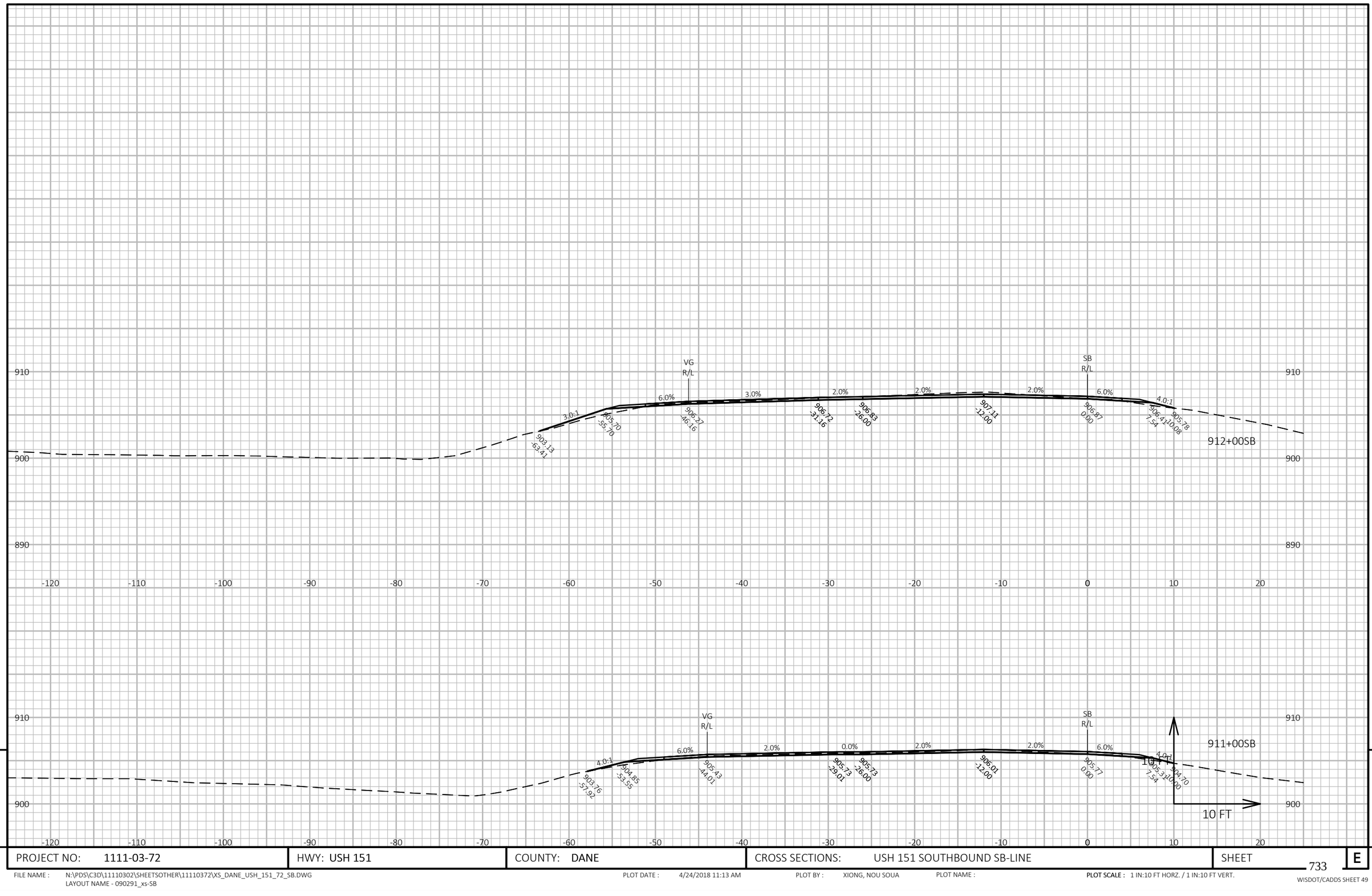
WISDOT/CADDS SHEET 49



PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 732	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090290_xs-SB

PLOT DATE : 4/24/2018 11:13 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

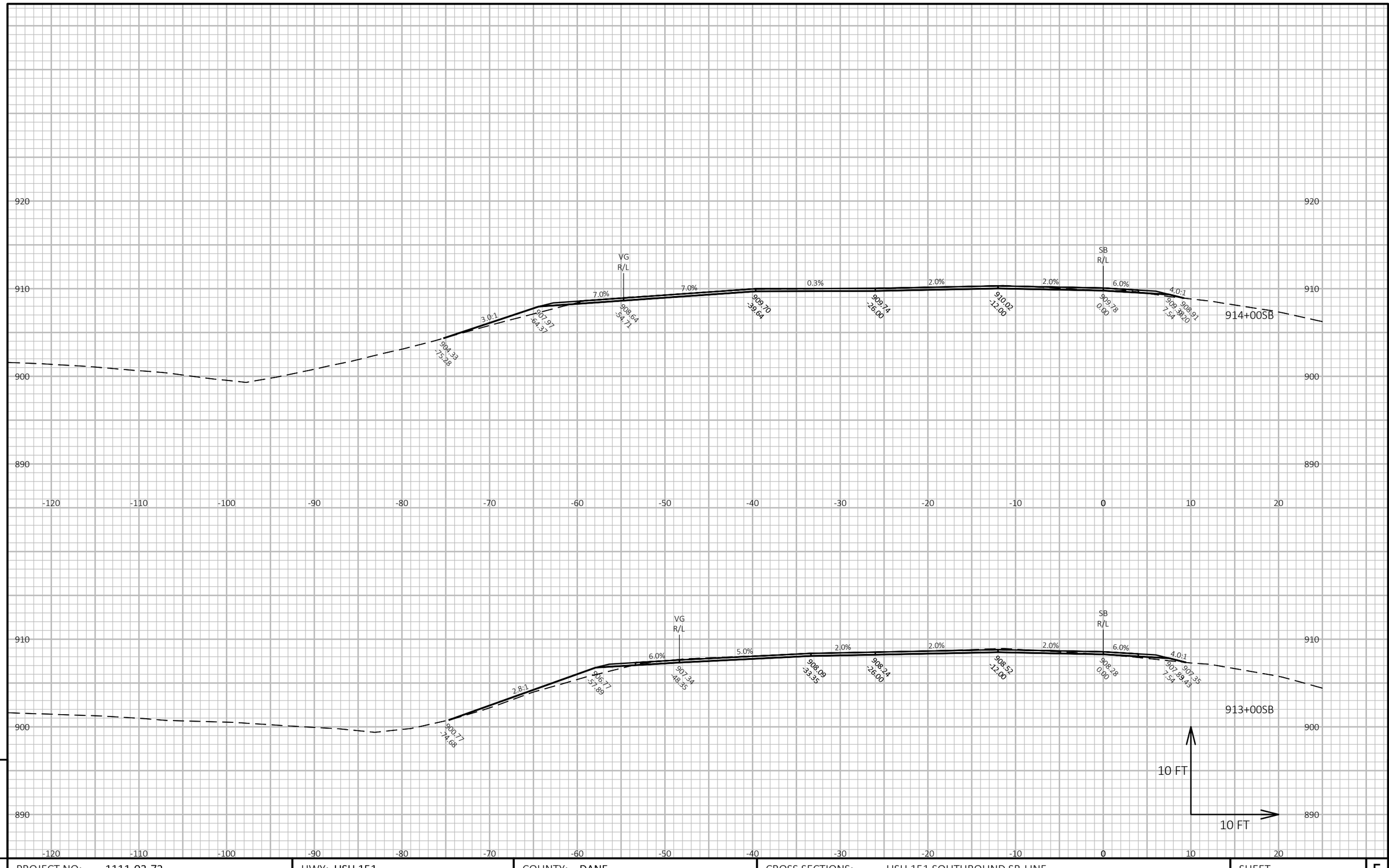


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 733	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090291_xs-SB

PLOT DATE : 4/24/2018 11:13 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

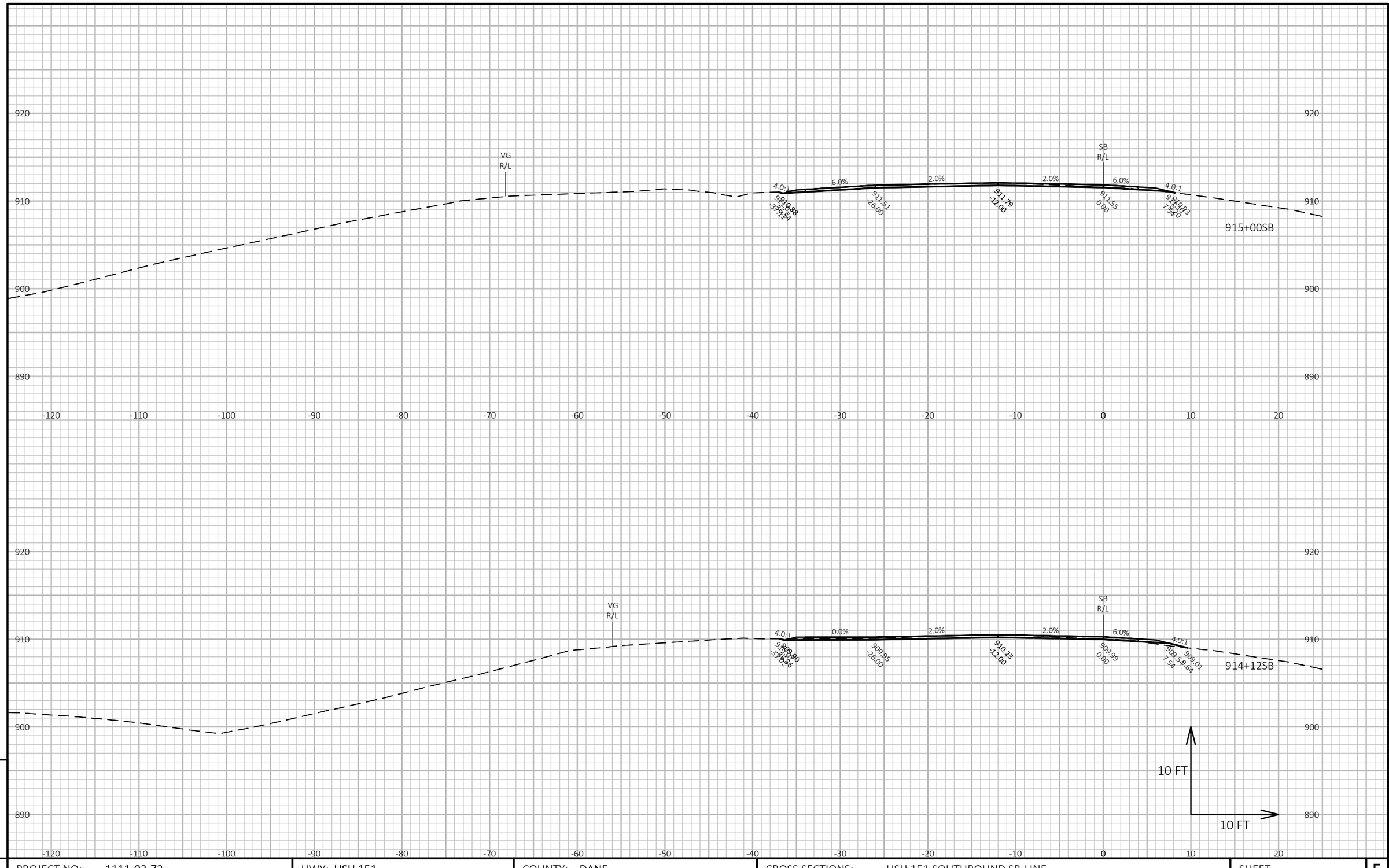


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 734	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090292_xs-SB

PLOT DATE : 4/24/2018 11:13 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 735	E

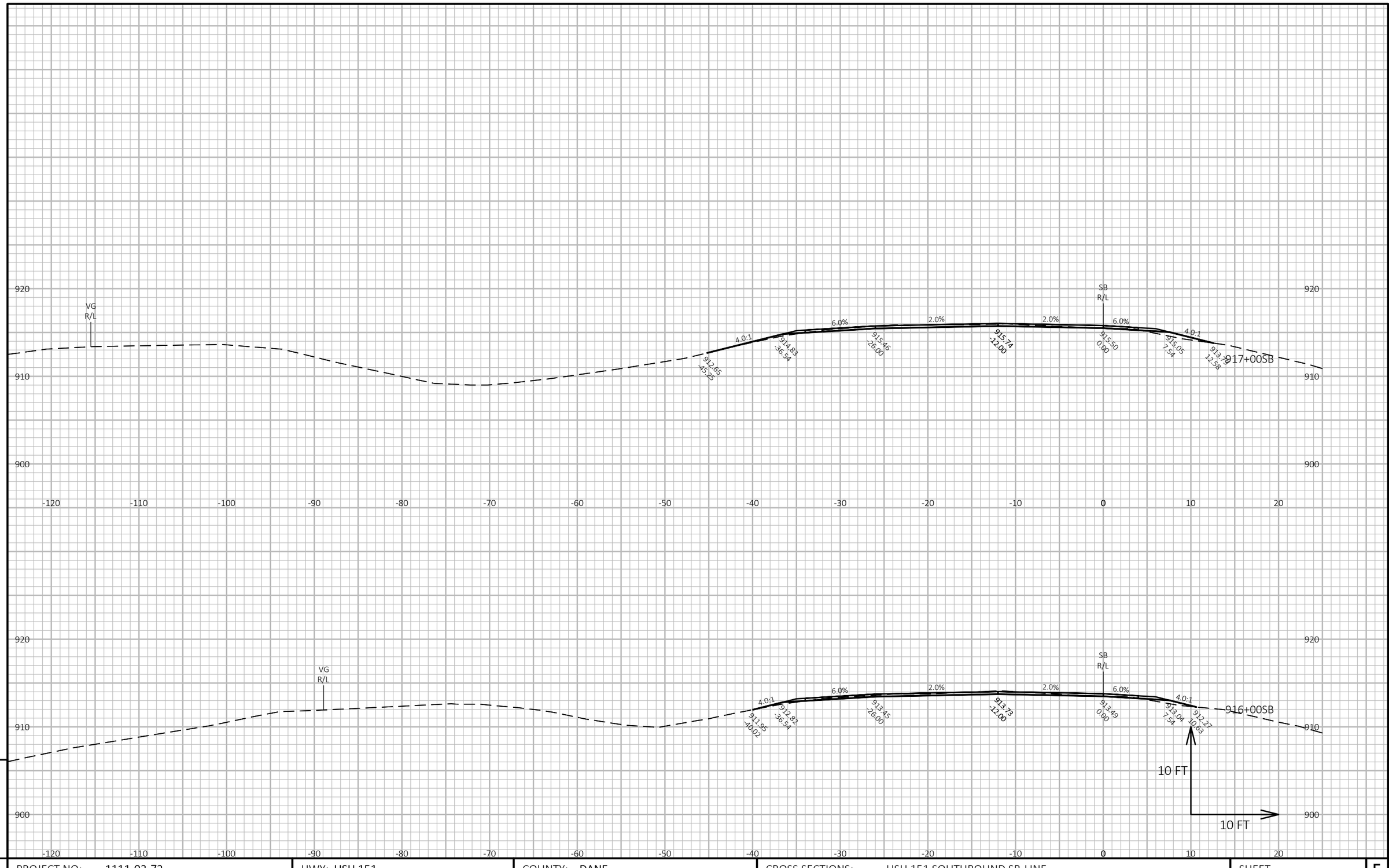
FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090293_xs-SB

PLOT DATE : 4/24/2018 11:13 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

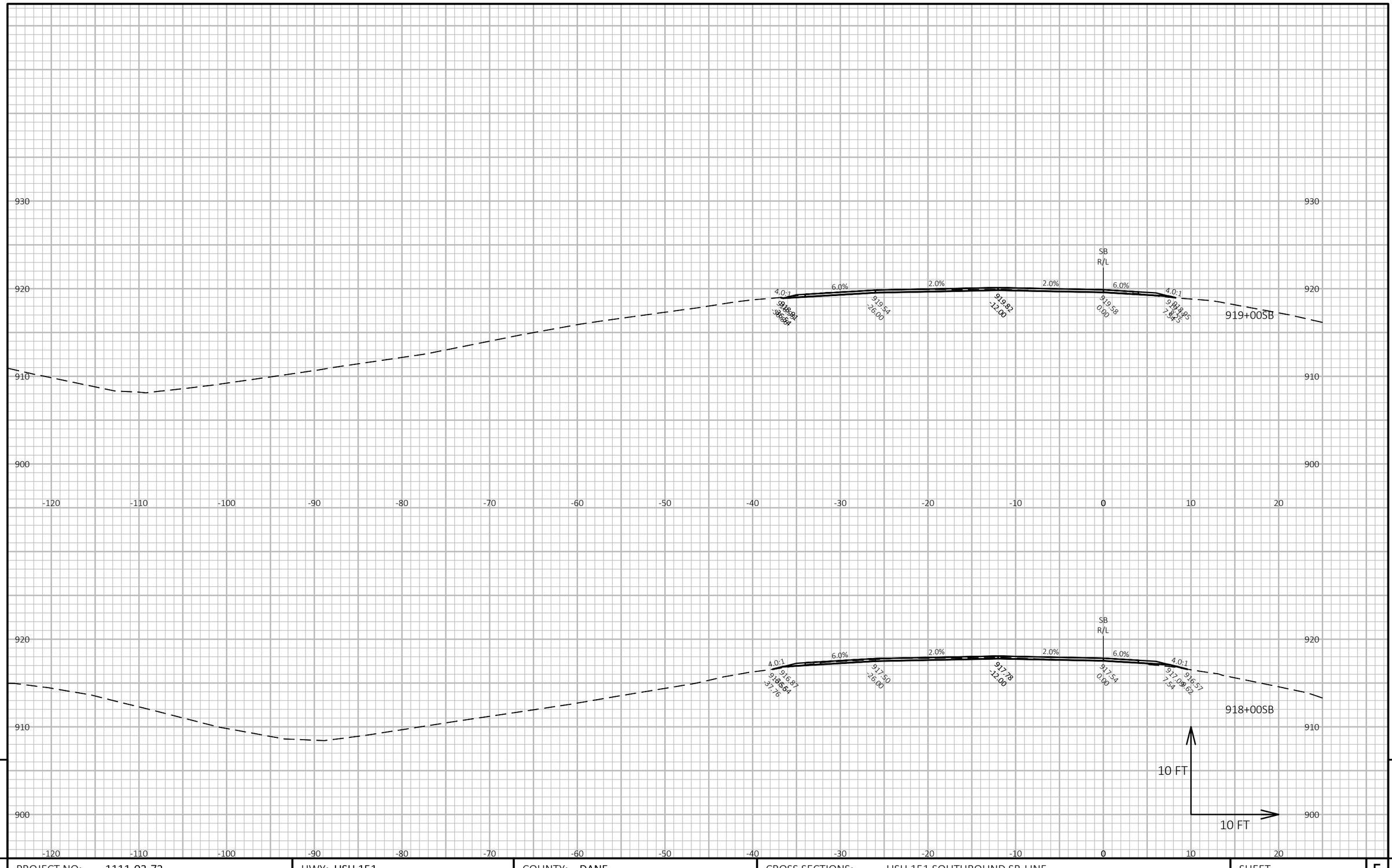


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 736 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090294_xs-SB

PLOT DATE : 4/24/2018 11:13 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



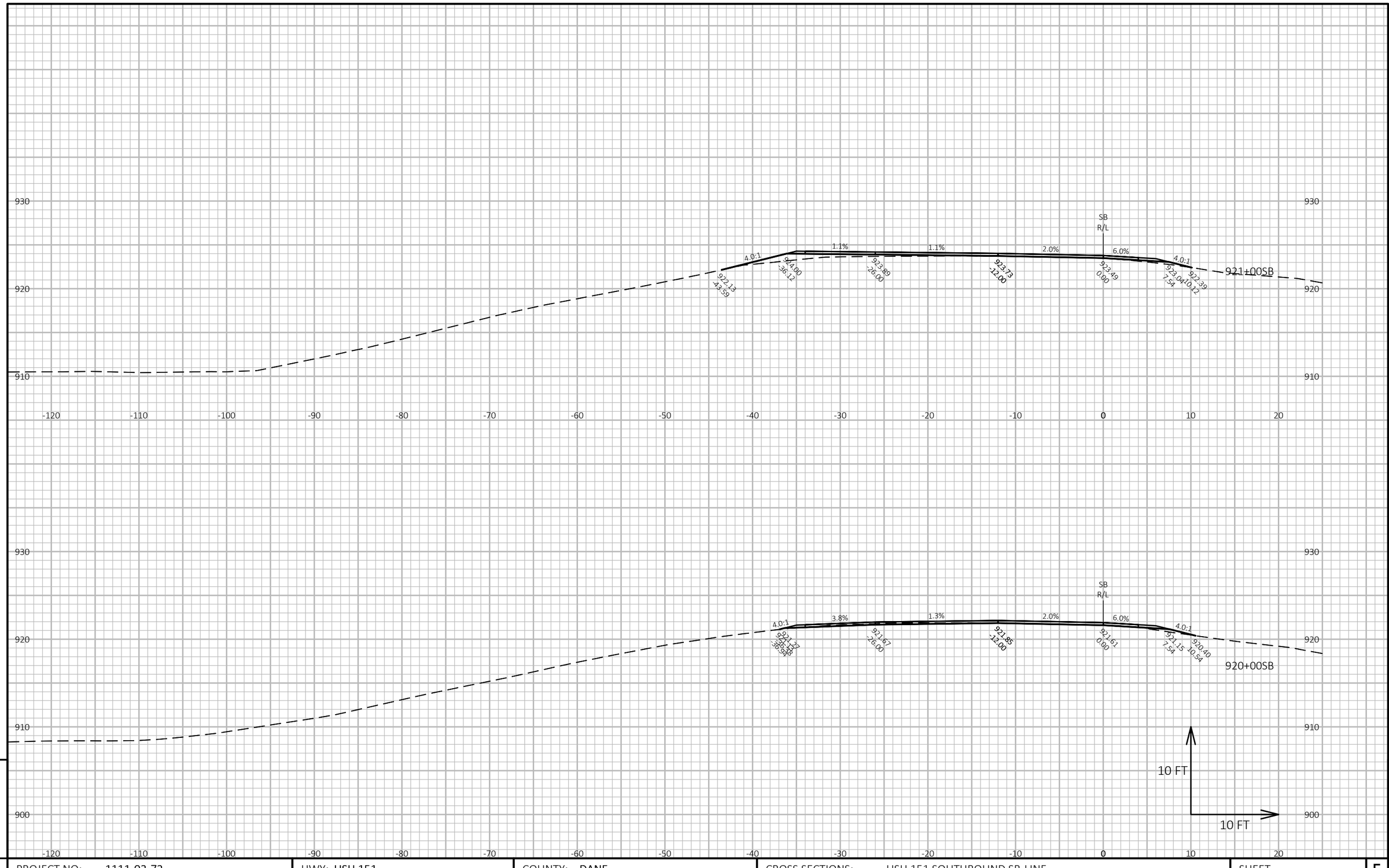
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 737	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090295_xs-SB

PLOT DATE : 4/24/2018 11:13 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 738	E

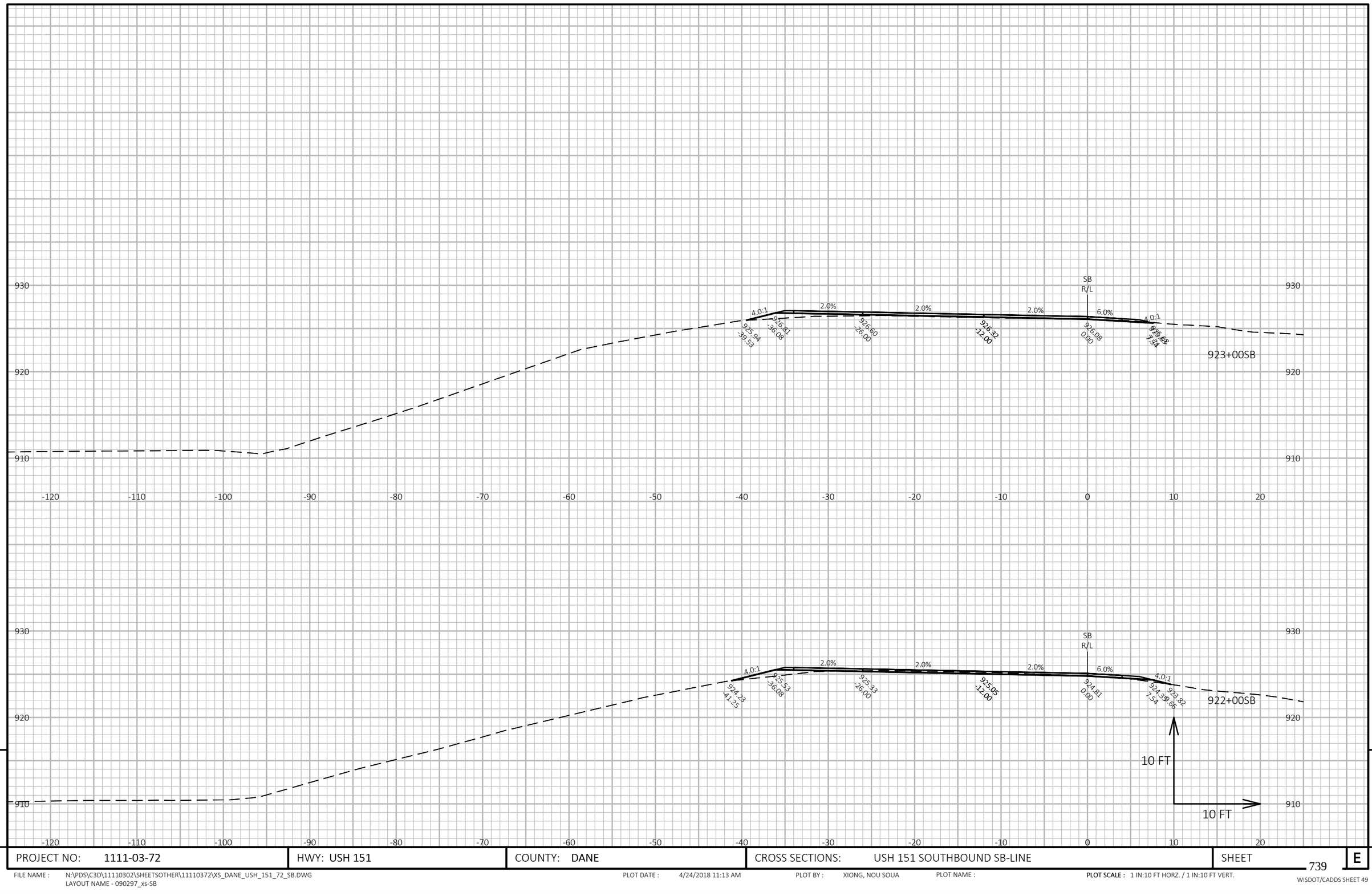
FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090296_xs-SB

PLOT DATE : 4/24/2018 11:13 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 739 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090297_xs-SB

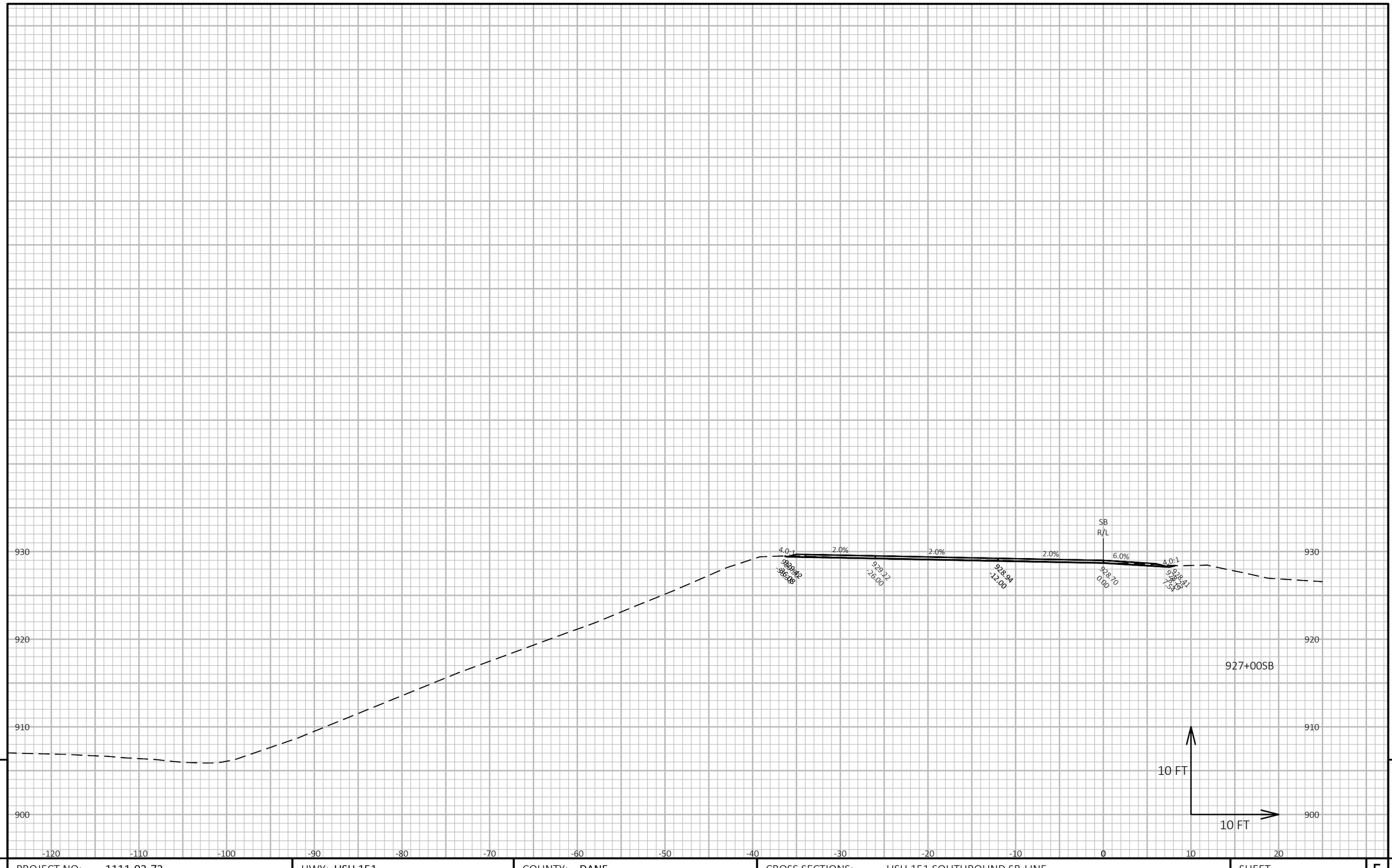
PLOT DATE : 4/24/2018 11:13 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 740	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090300_xs-SB

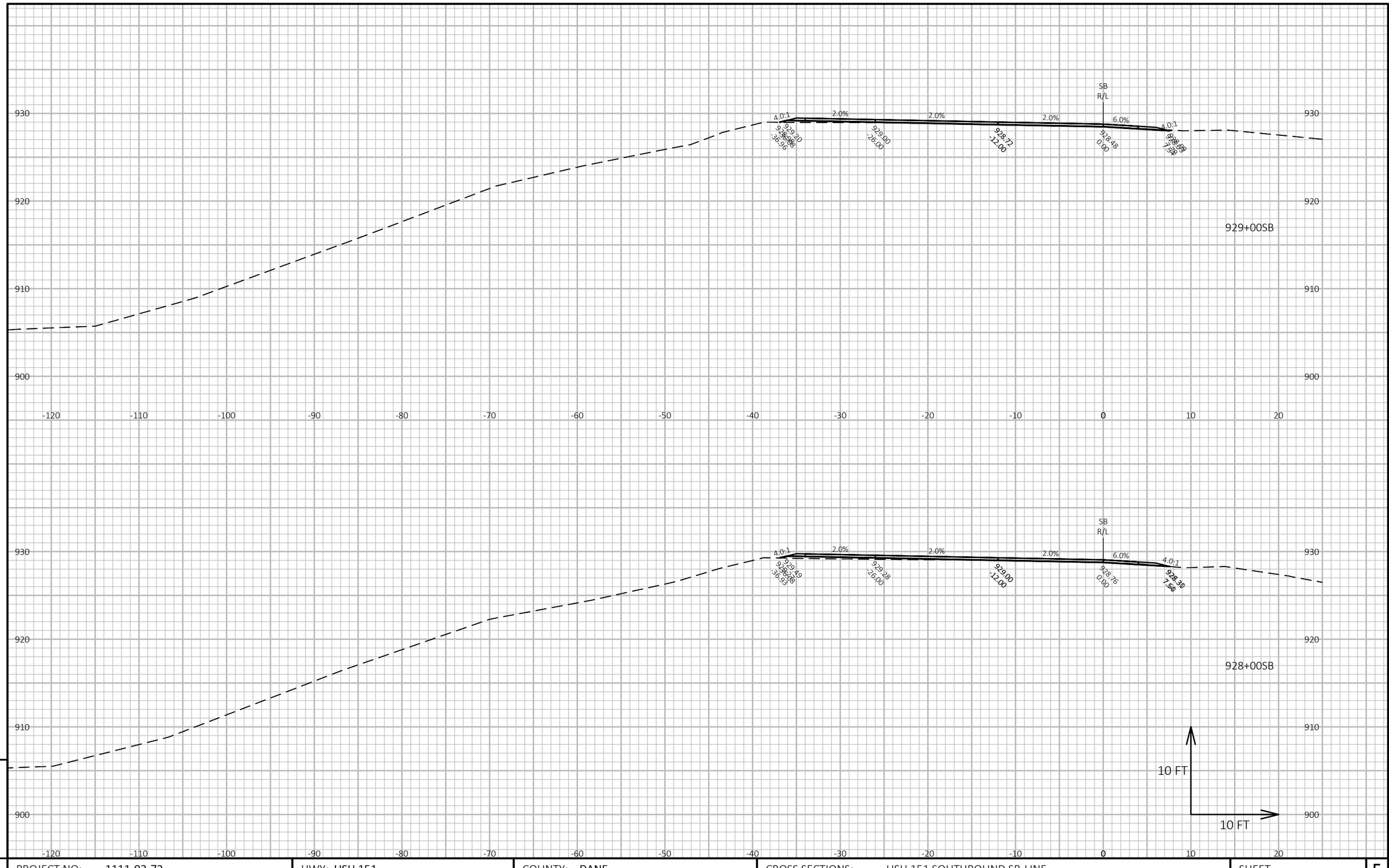
PLOT DATE : 4/24/2018 11:14 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 741	E

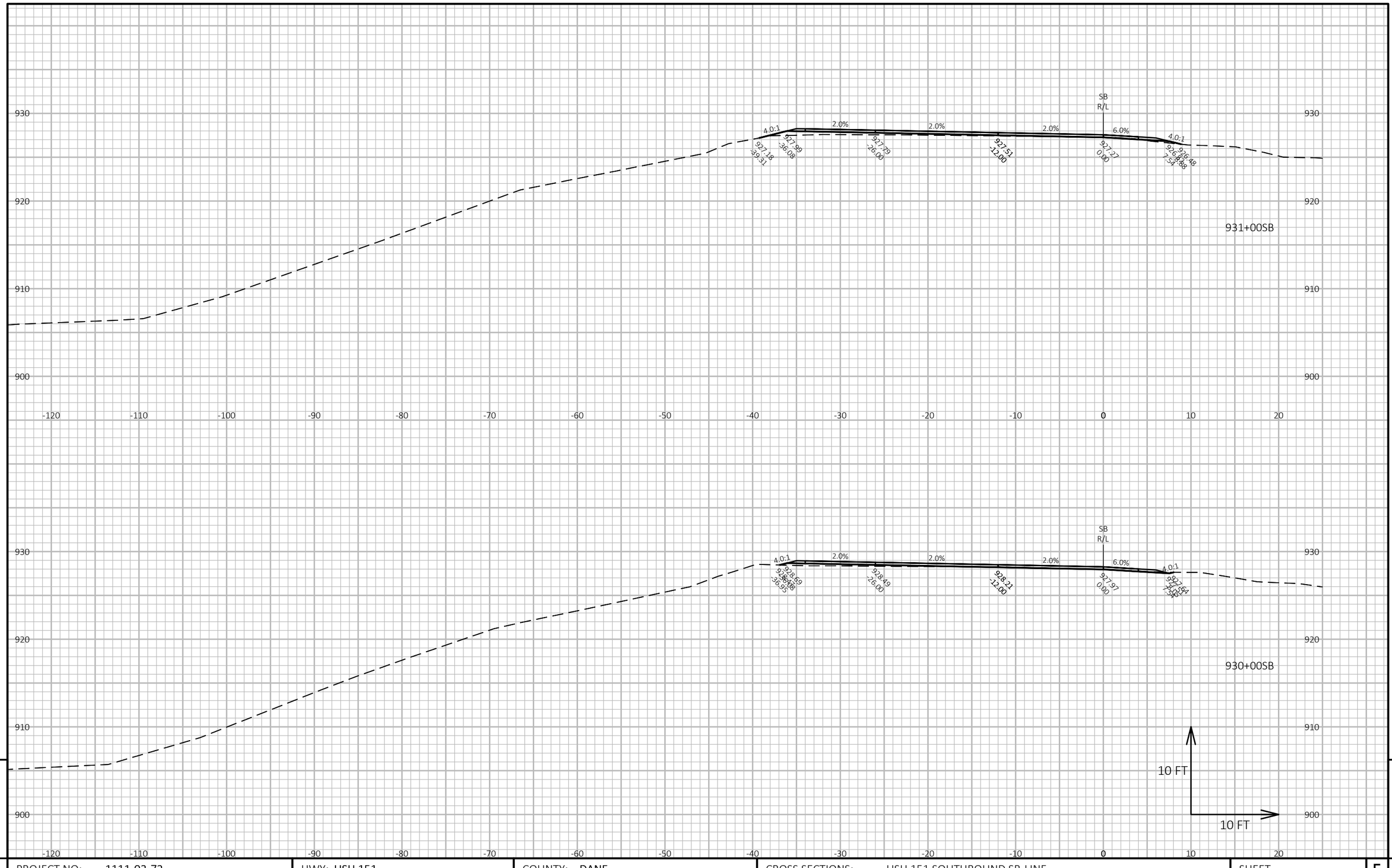
FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090301_xs-SB

PLOT DATE : 4/24/2018 11:14 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 742	E

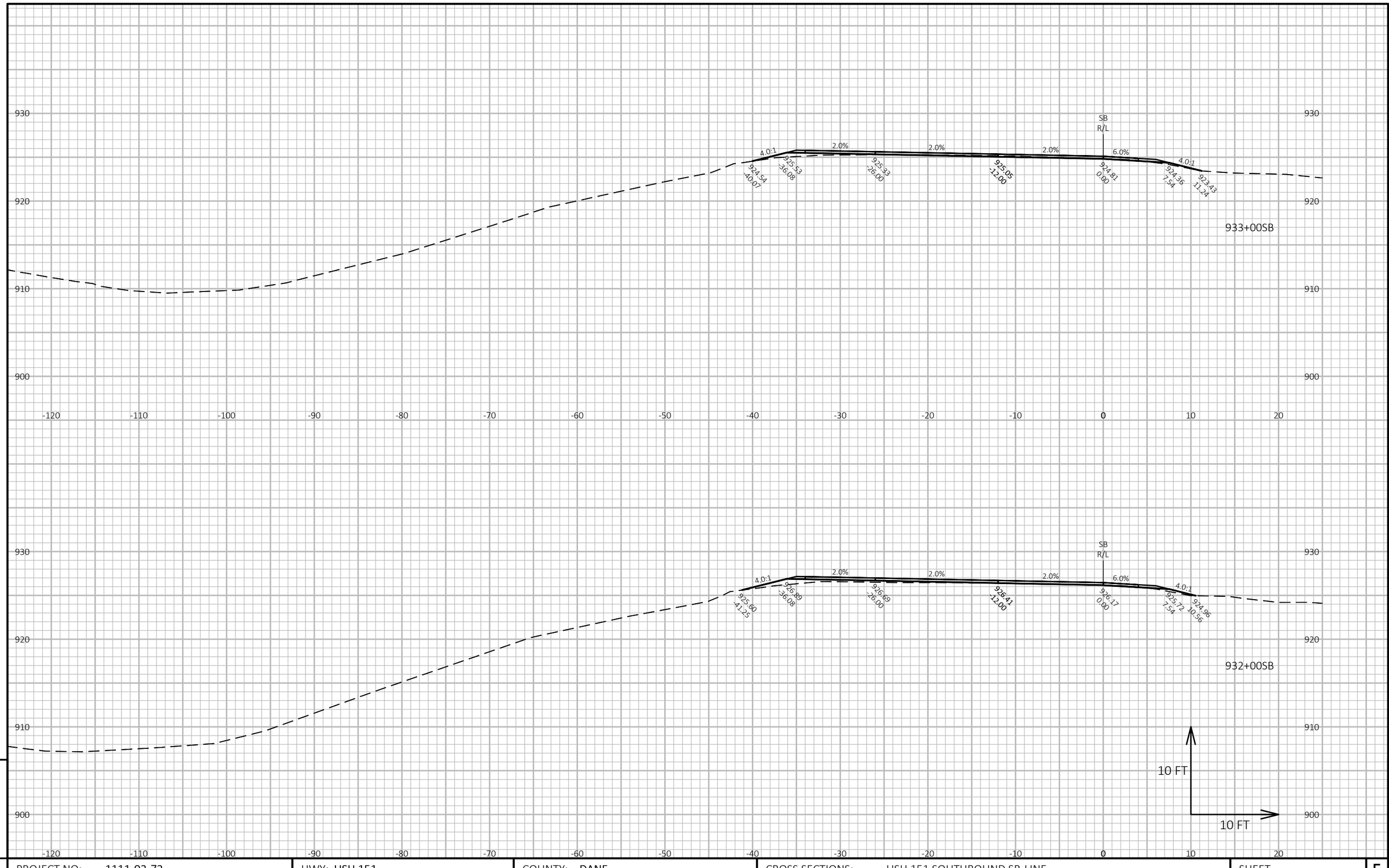
FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090302_xs-SB

PLOT DATE : 4/24/2018 11:14 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

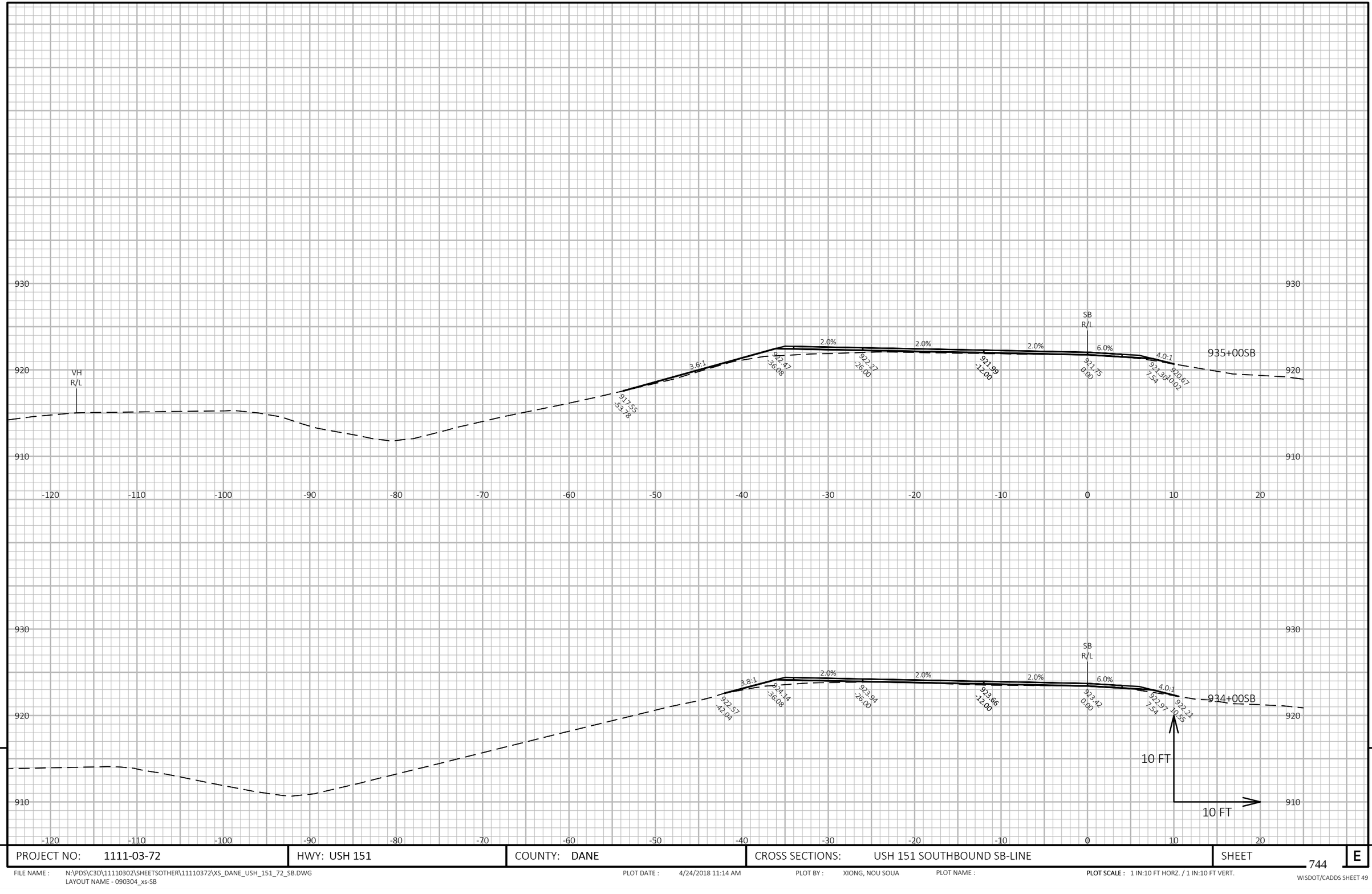


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 743

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090303_xs-SB

PLOT DATE : 4/24/2018 11:14 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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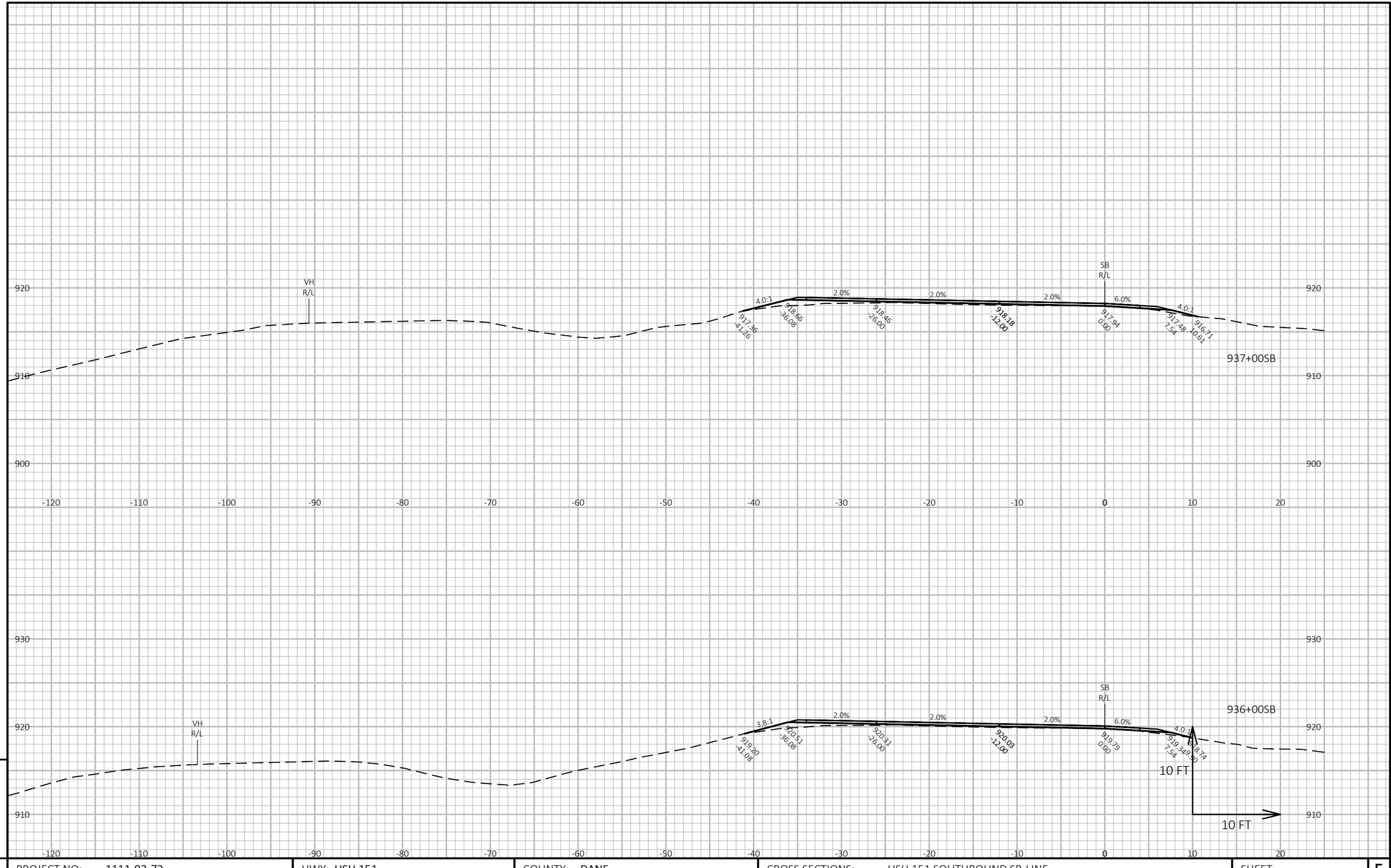
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 744	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090304_xs-SB

PLOT DATE : 4/24/2018 11:14 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

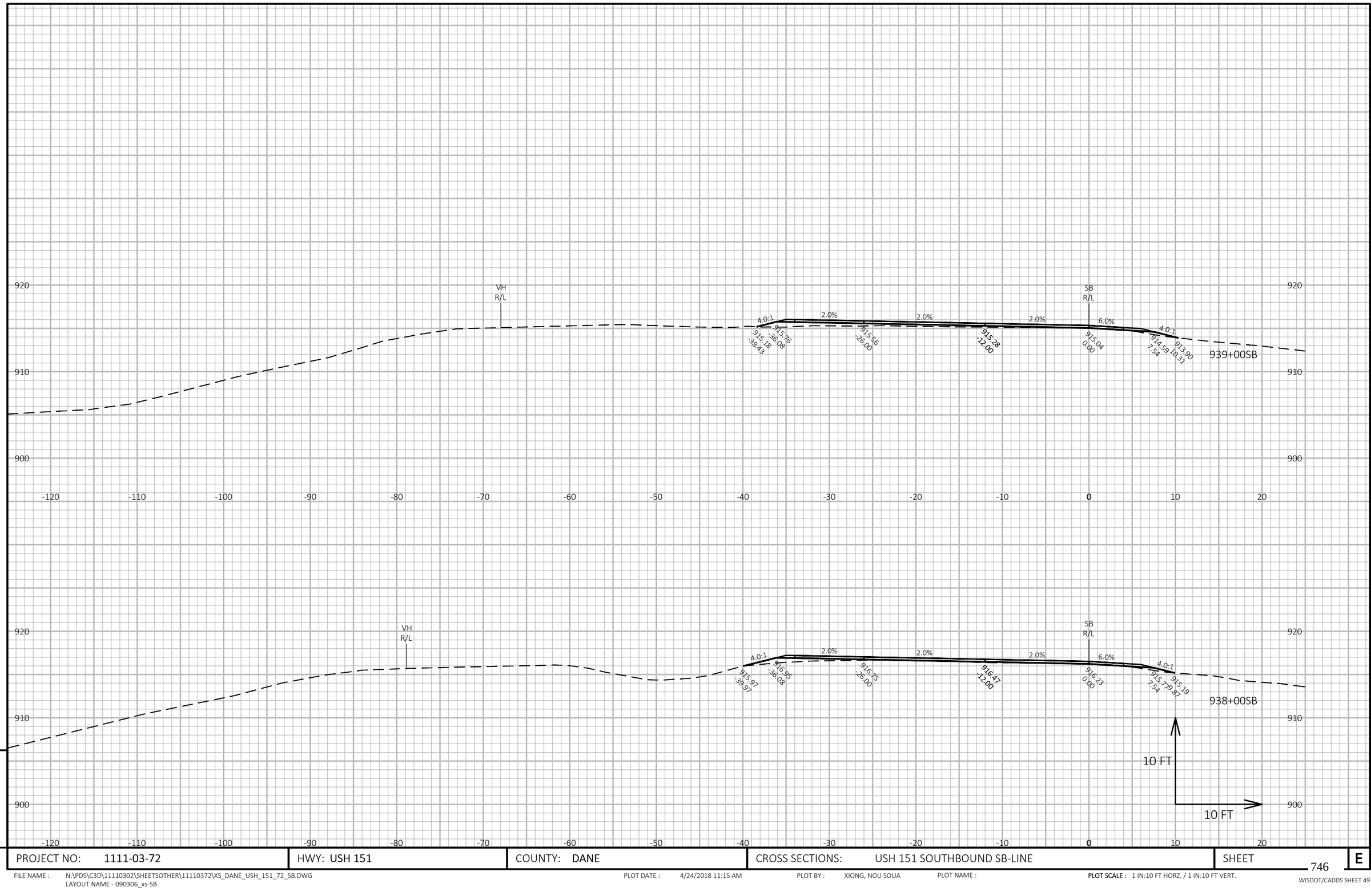


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 745 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090305_xs-SB

PLOT DATE : 4/24/2018 11:15 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



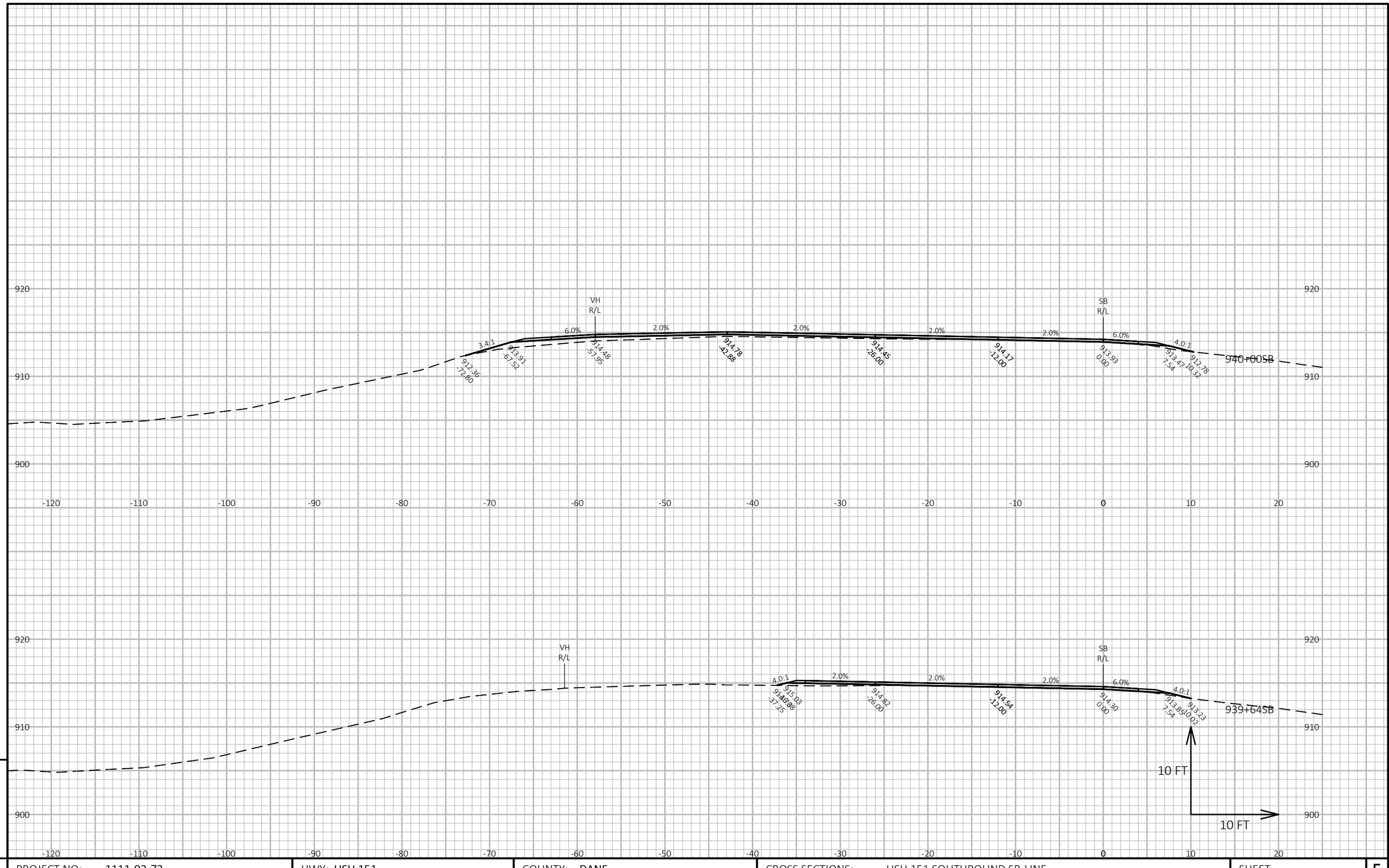
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 746 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090306_xs-SB

PLOT DATE : 4/24/2018 11:15 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

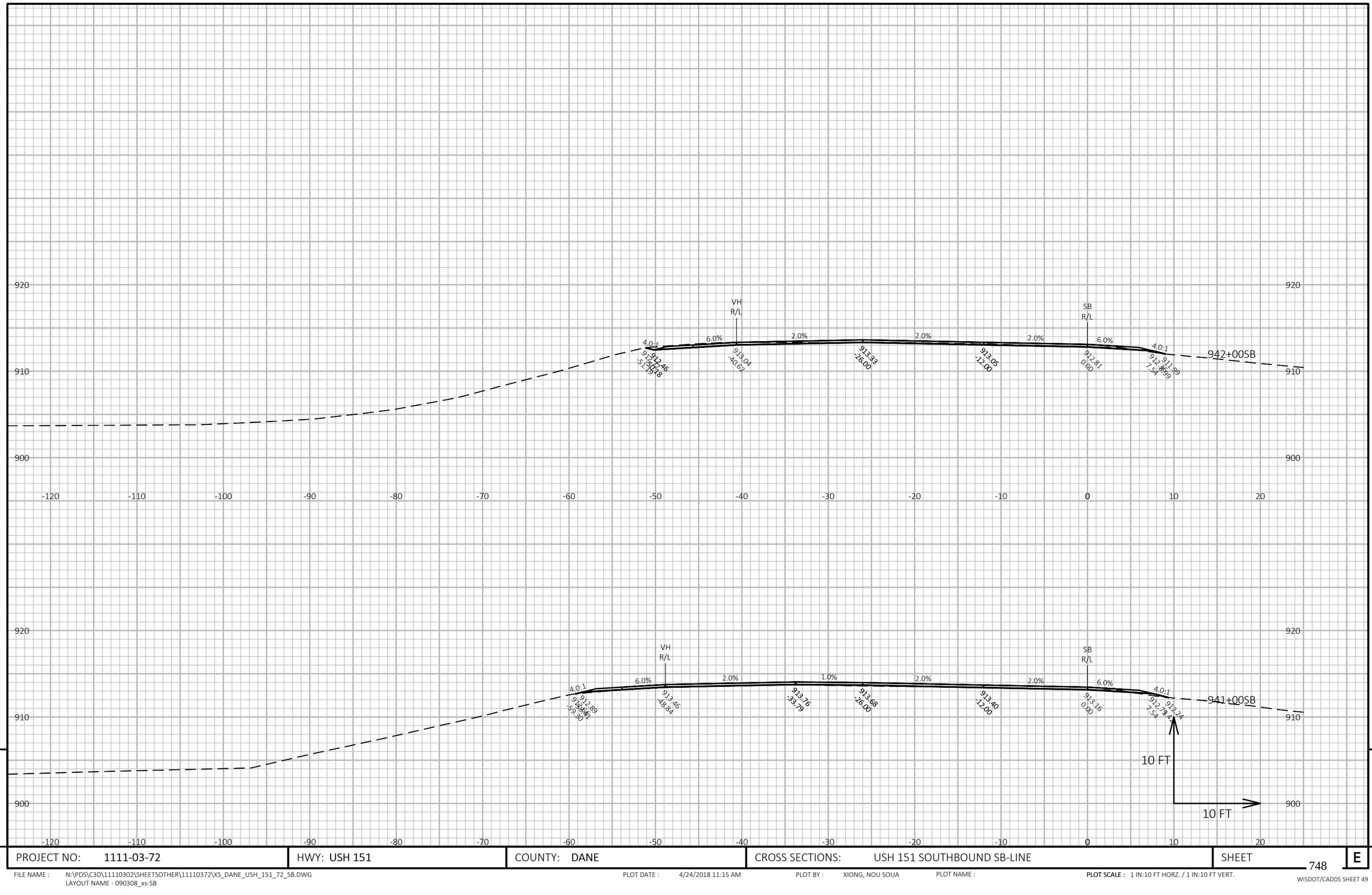


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 747 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090307_xs-SB

PLOT DATE : 4/24/2018 11:15 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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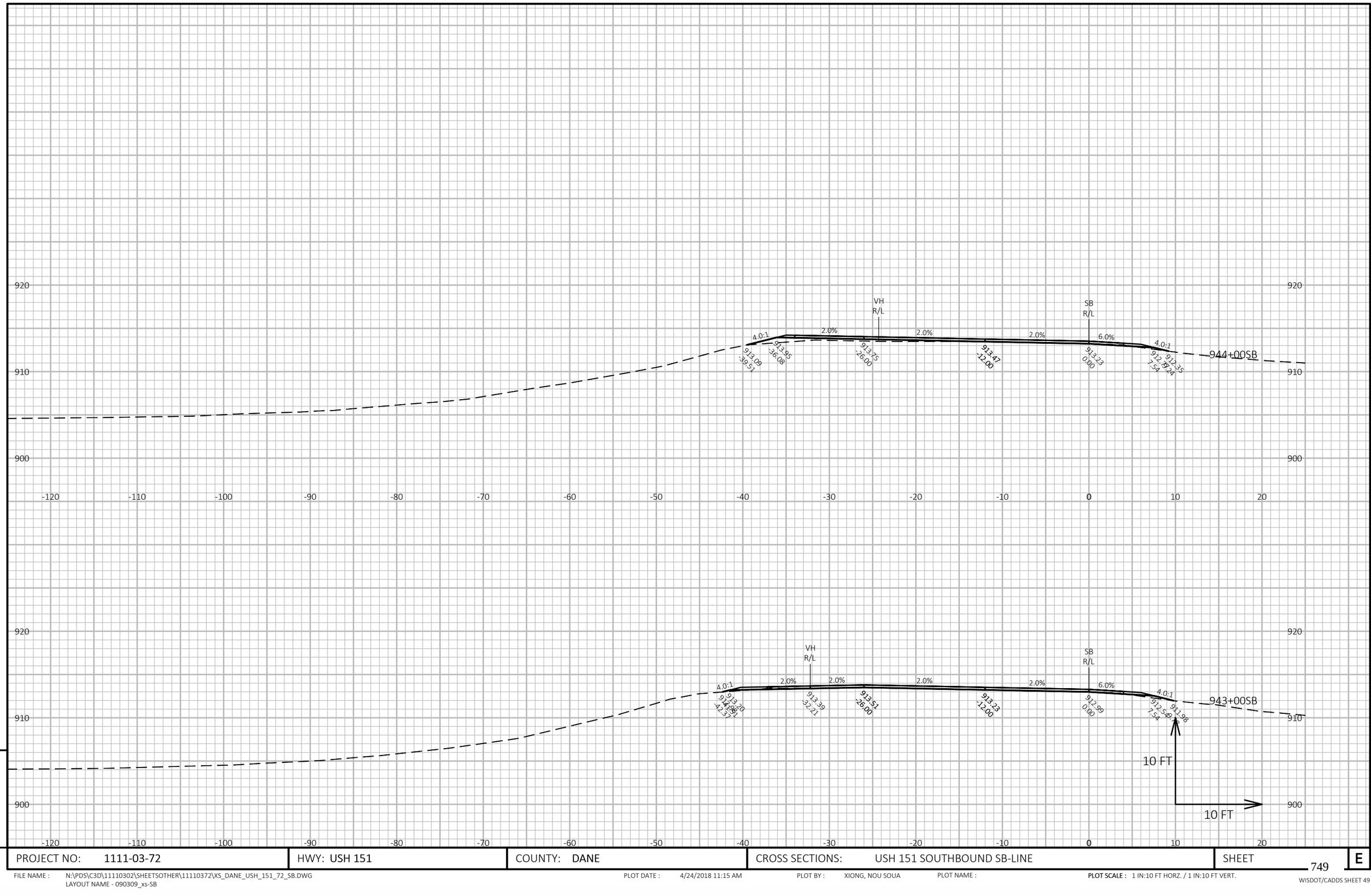
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 748	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090308_xs-SB

PLOT DATE : 4/24/2018 11:15 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



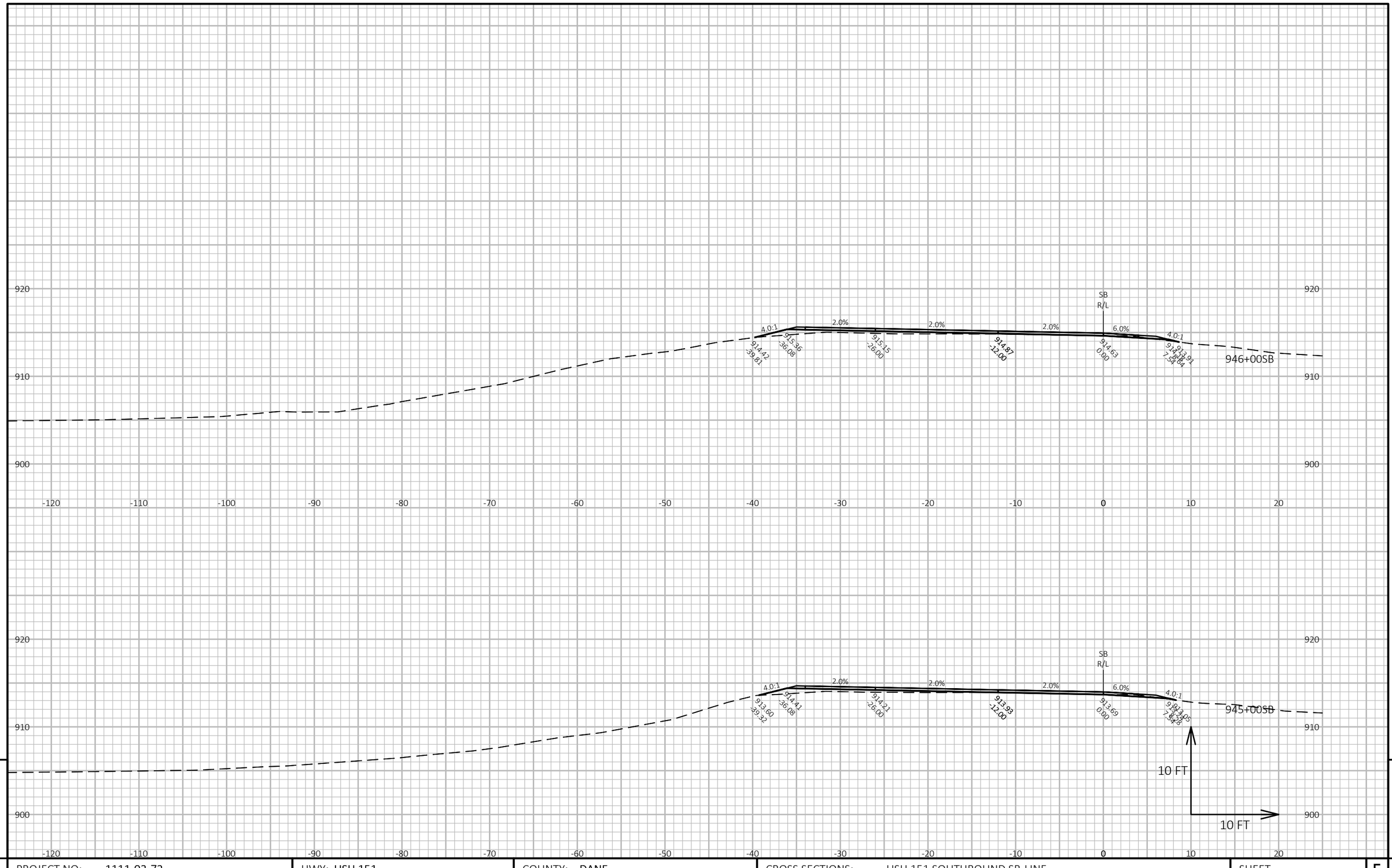
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 749	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090309_xs-SB

PLOT DATE : 4/24/2018 11:15 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



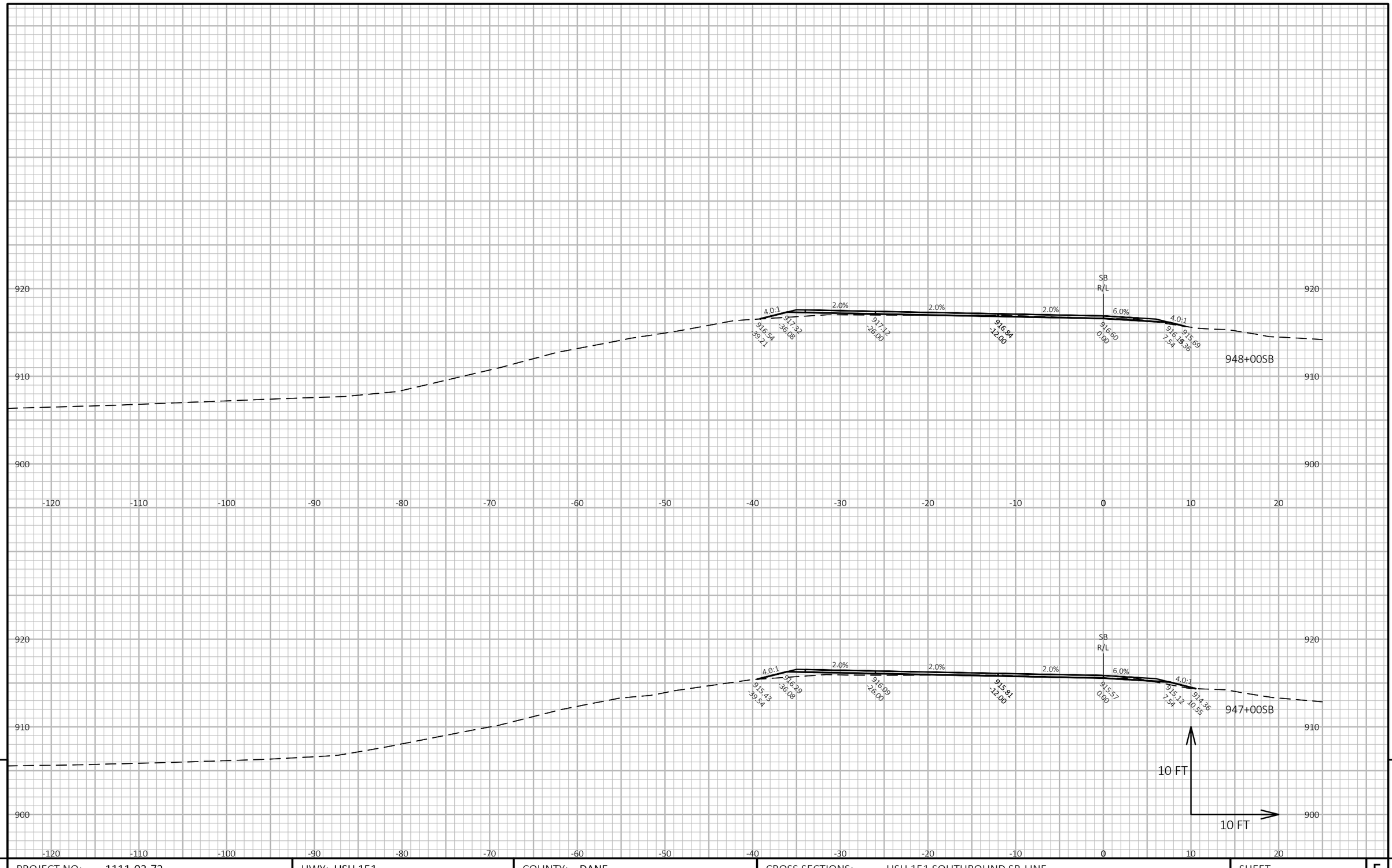
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 750	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090310_xs-SB

PLOT DATE : 4/24/2018 11:15 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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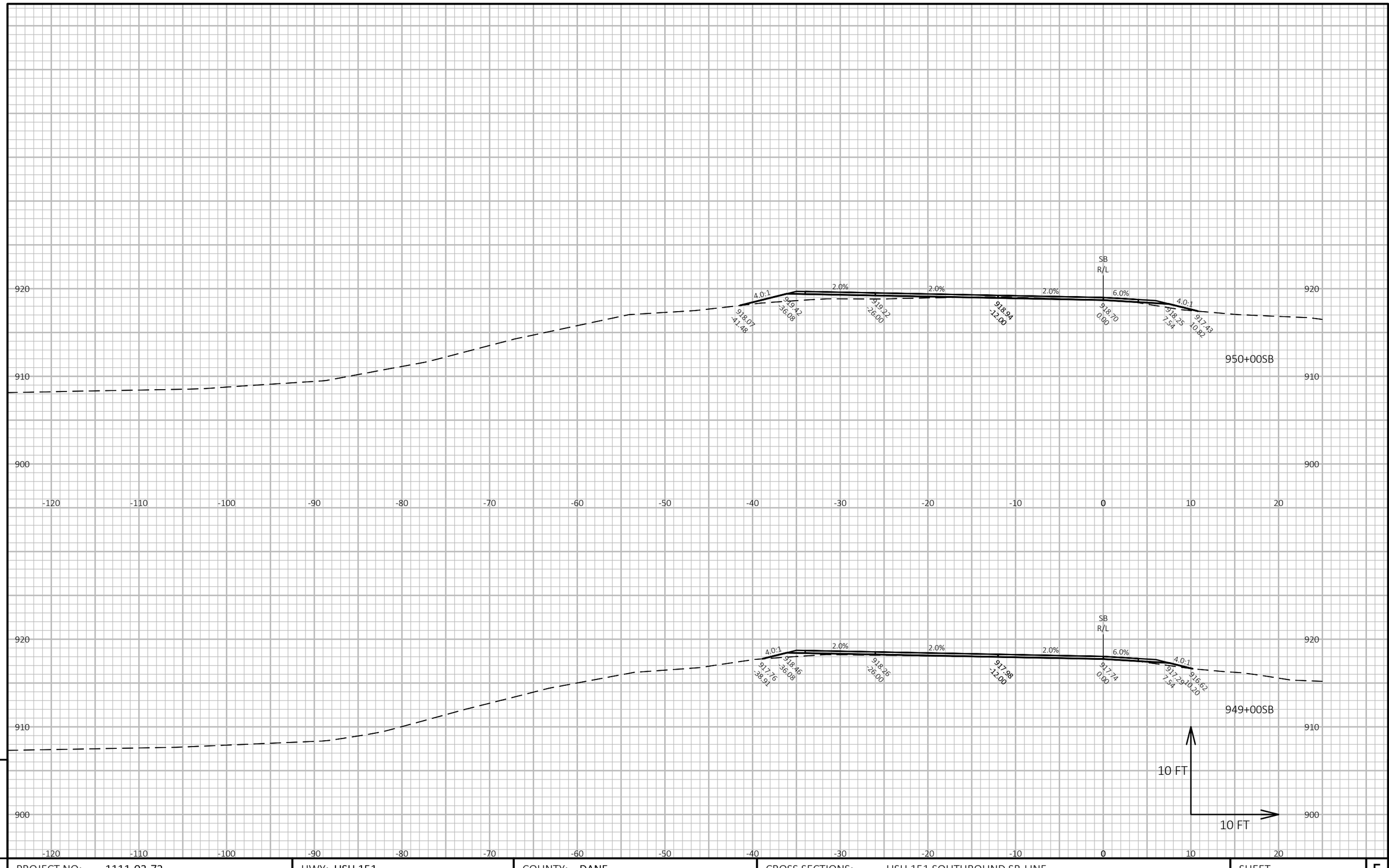
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 751	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090311_xs-SB

PLOT DATE : 4/24/2018 11:15 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

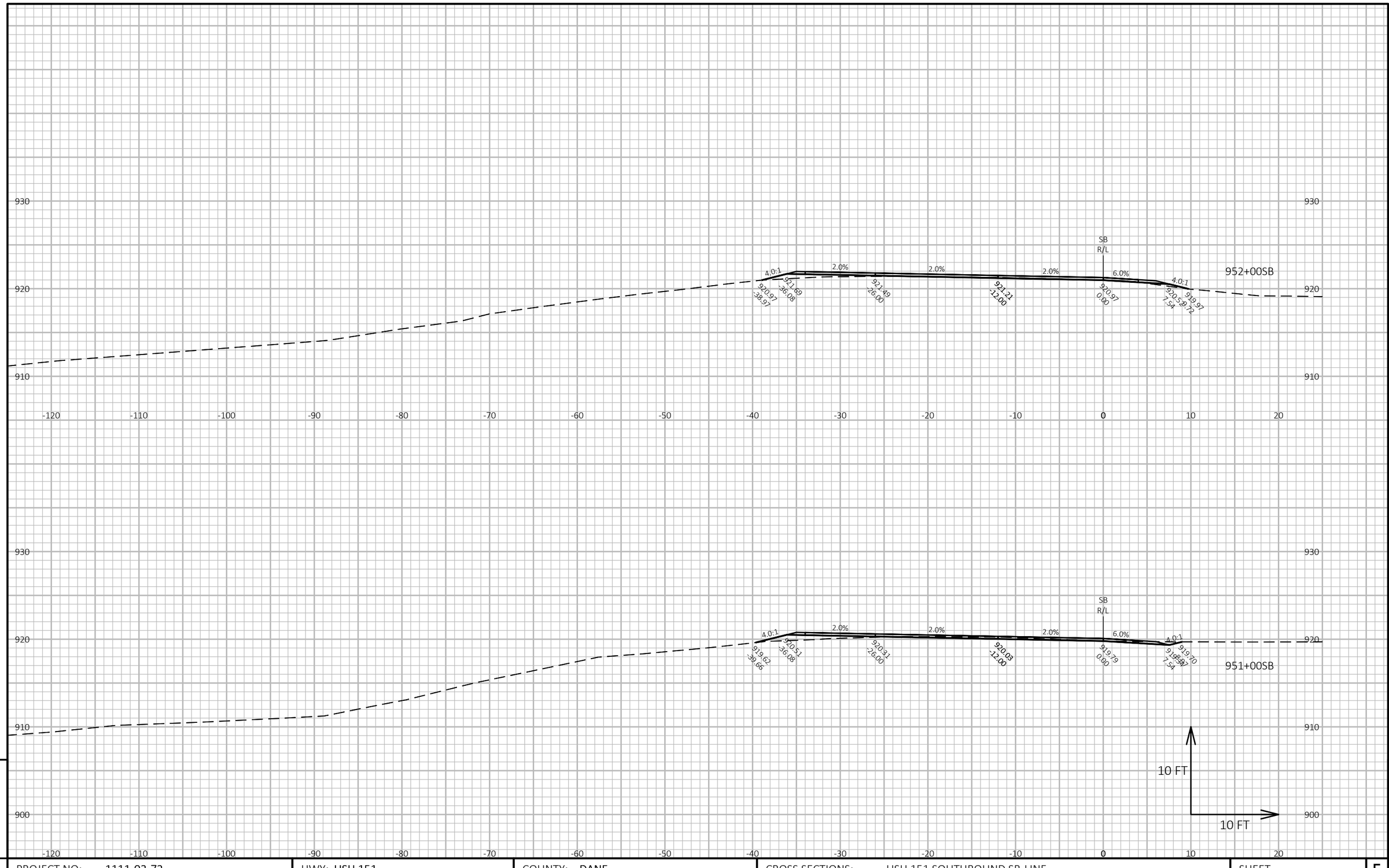


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 752

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090312_xs-SB

PLOT DATE : 4/24/2018 11:16 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



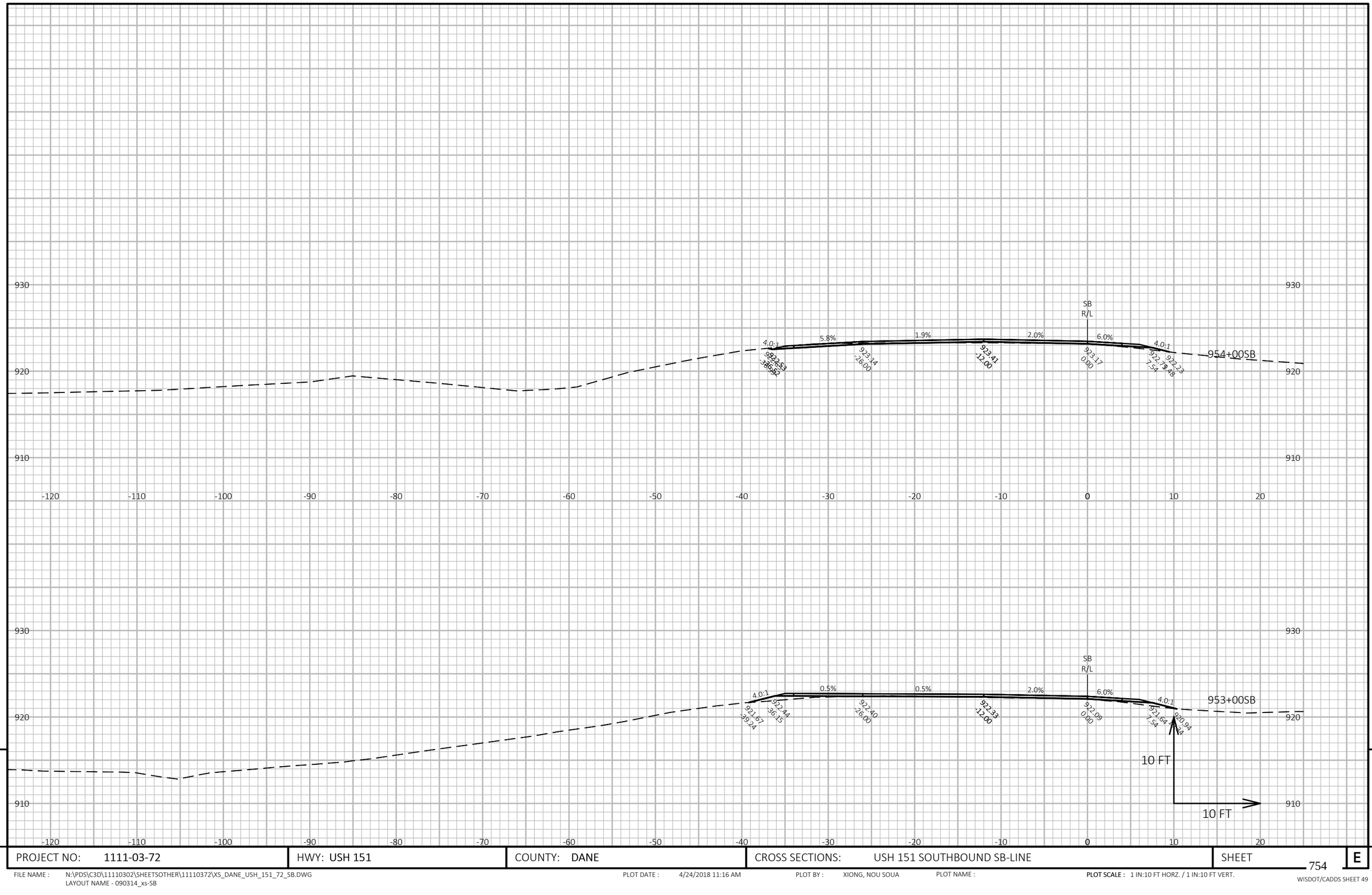
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 753	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090313_xs-SB

PLOT DATE : 4/24/2018 11:16 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 754	E

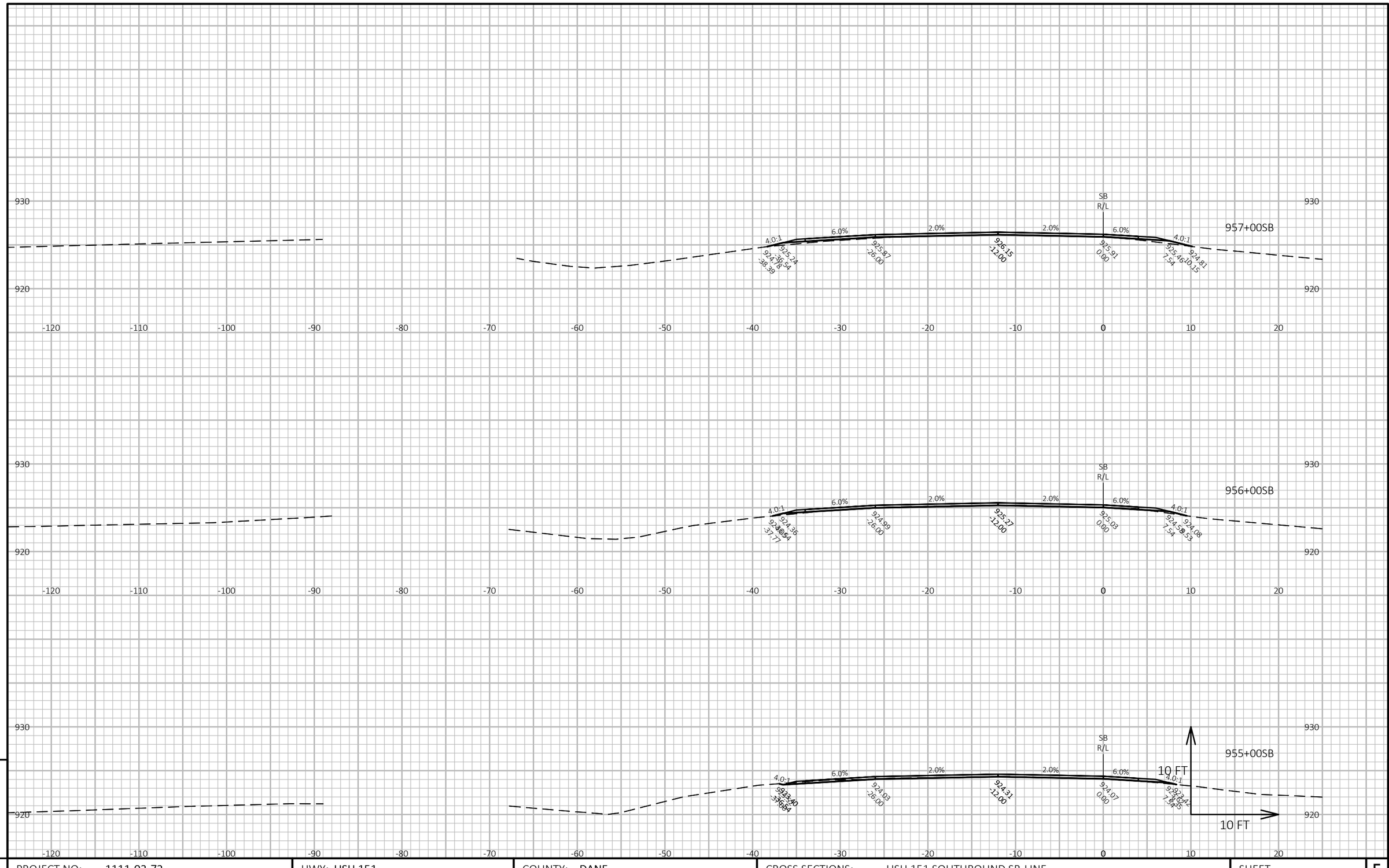
FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090314_xs-SB

PLOT DATE : 4/24/2018 11:16 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

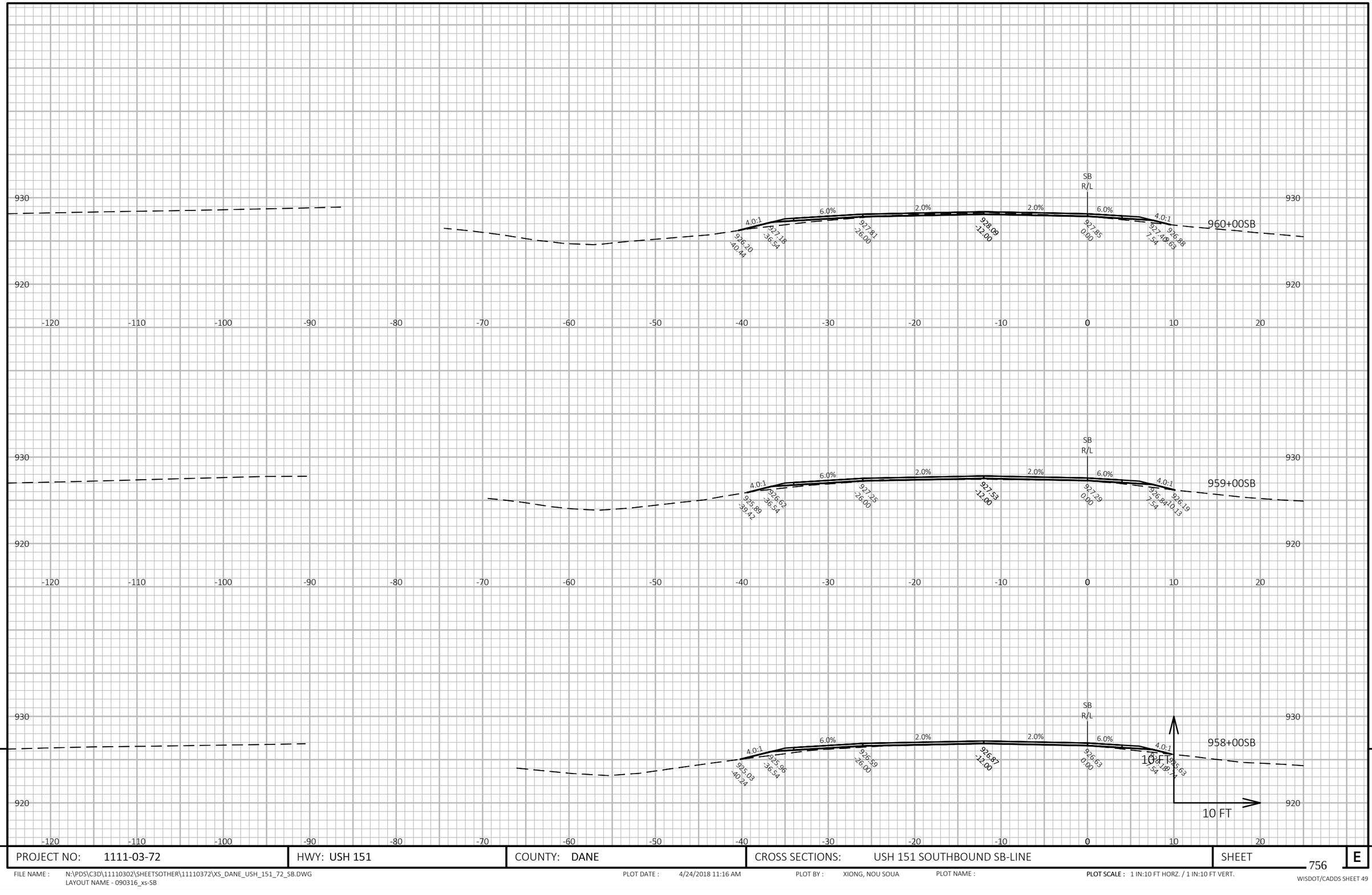


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 755 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090315_xs-SB

PLOT DATE : 4/24/2018 11:16 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

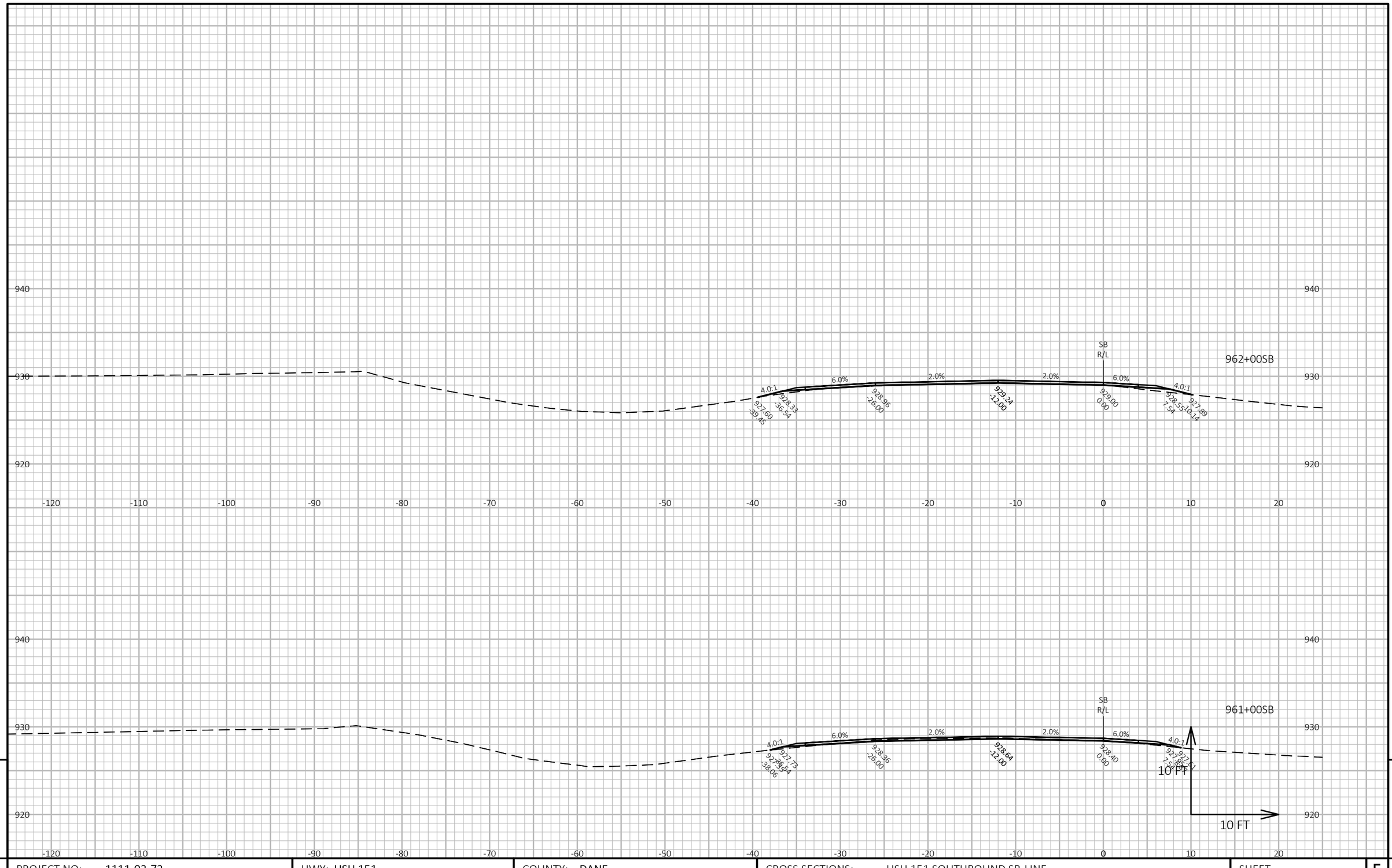


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 756	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090316_xs-SB

PLOT DATE : 4/24/2018 11:16 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 757	E

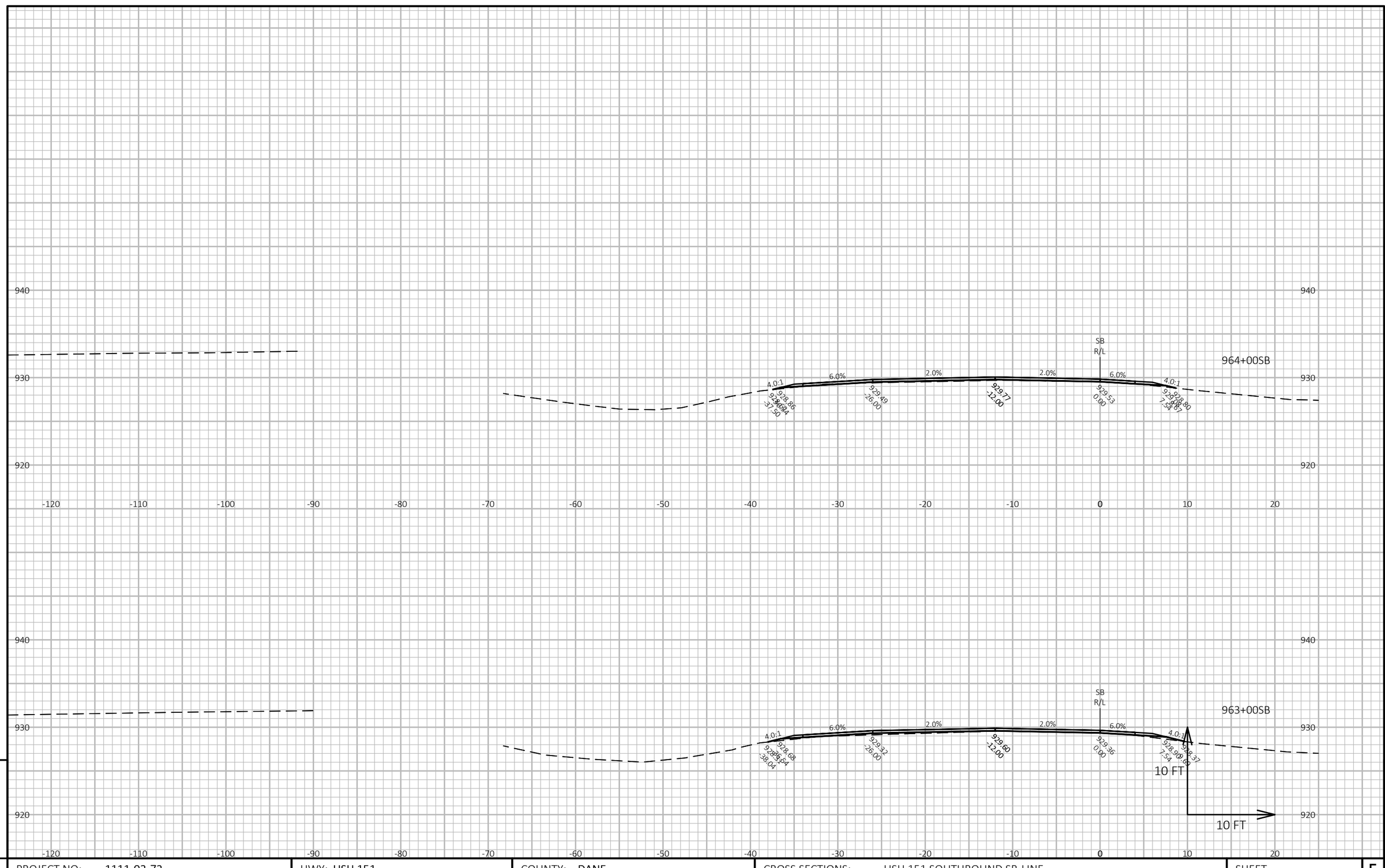
FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090317_xs-SB

PLOT DATE : 4/24/2018 11:16 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 758	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090318_xs-SB

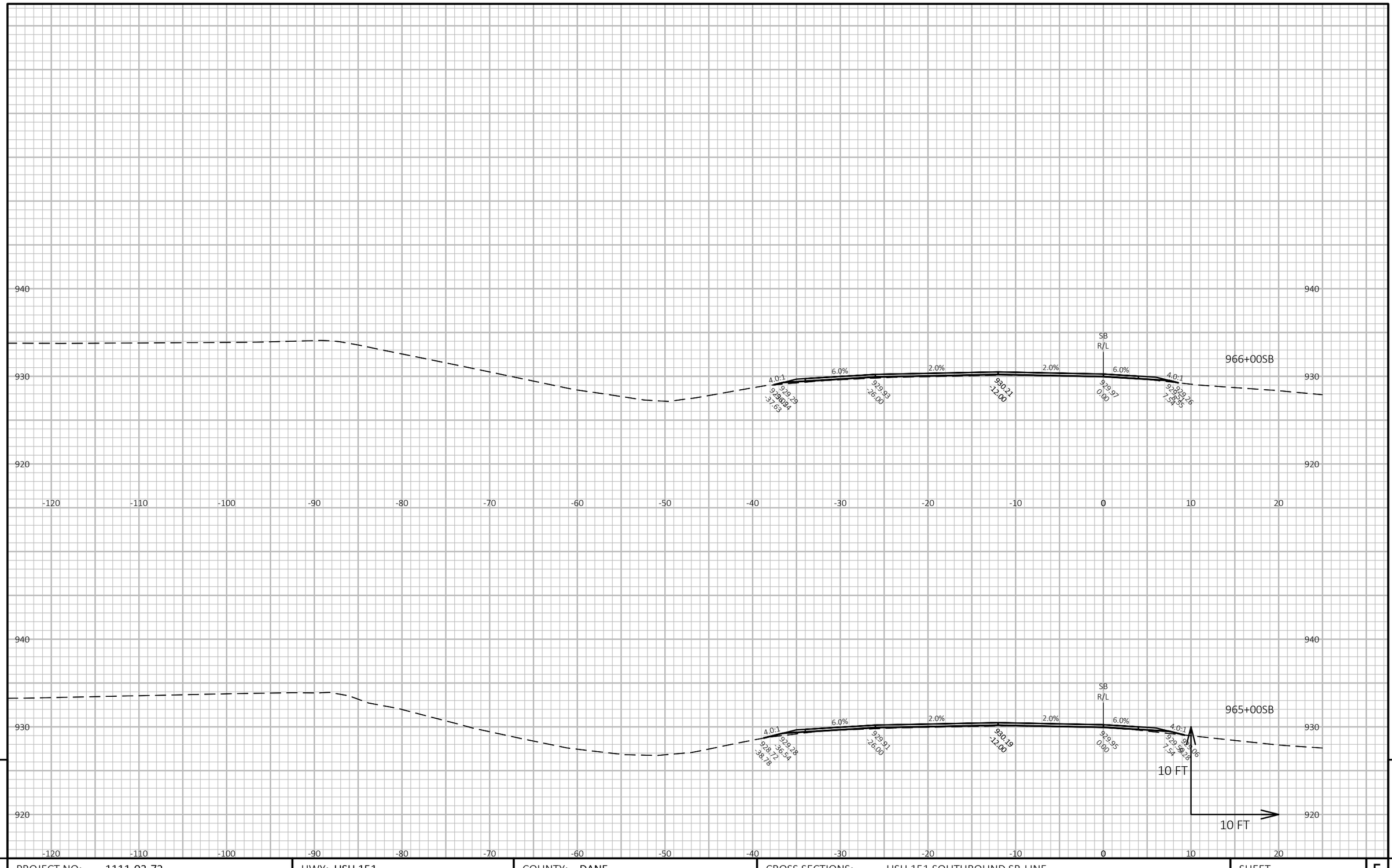
PLOT DATE : 4/24/2018 11:16 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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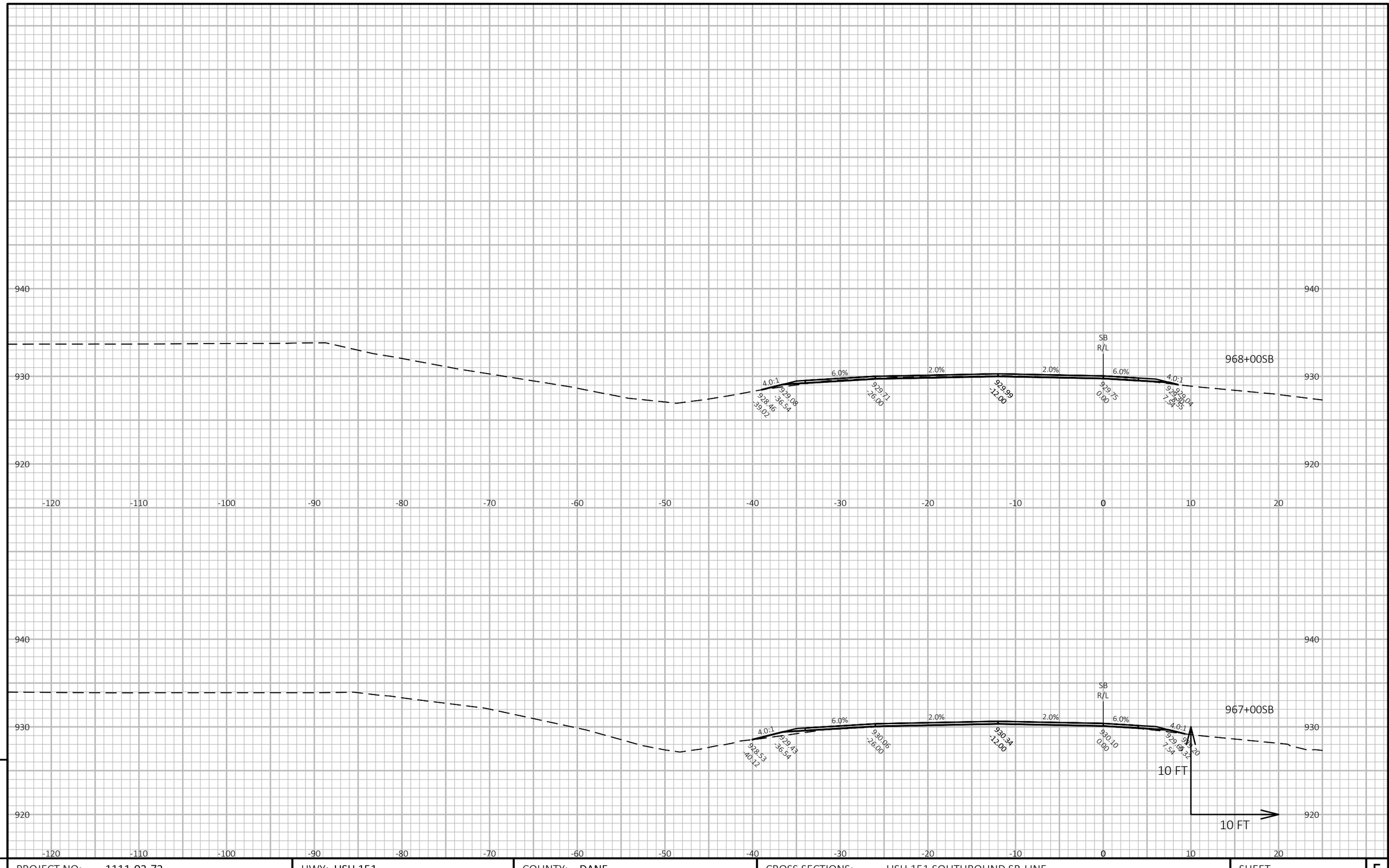
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 759	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090319_xs-SB

PLOT DATE : 4/24/2018 11:16 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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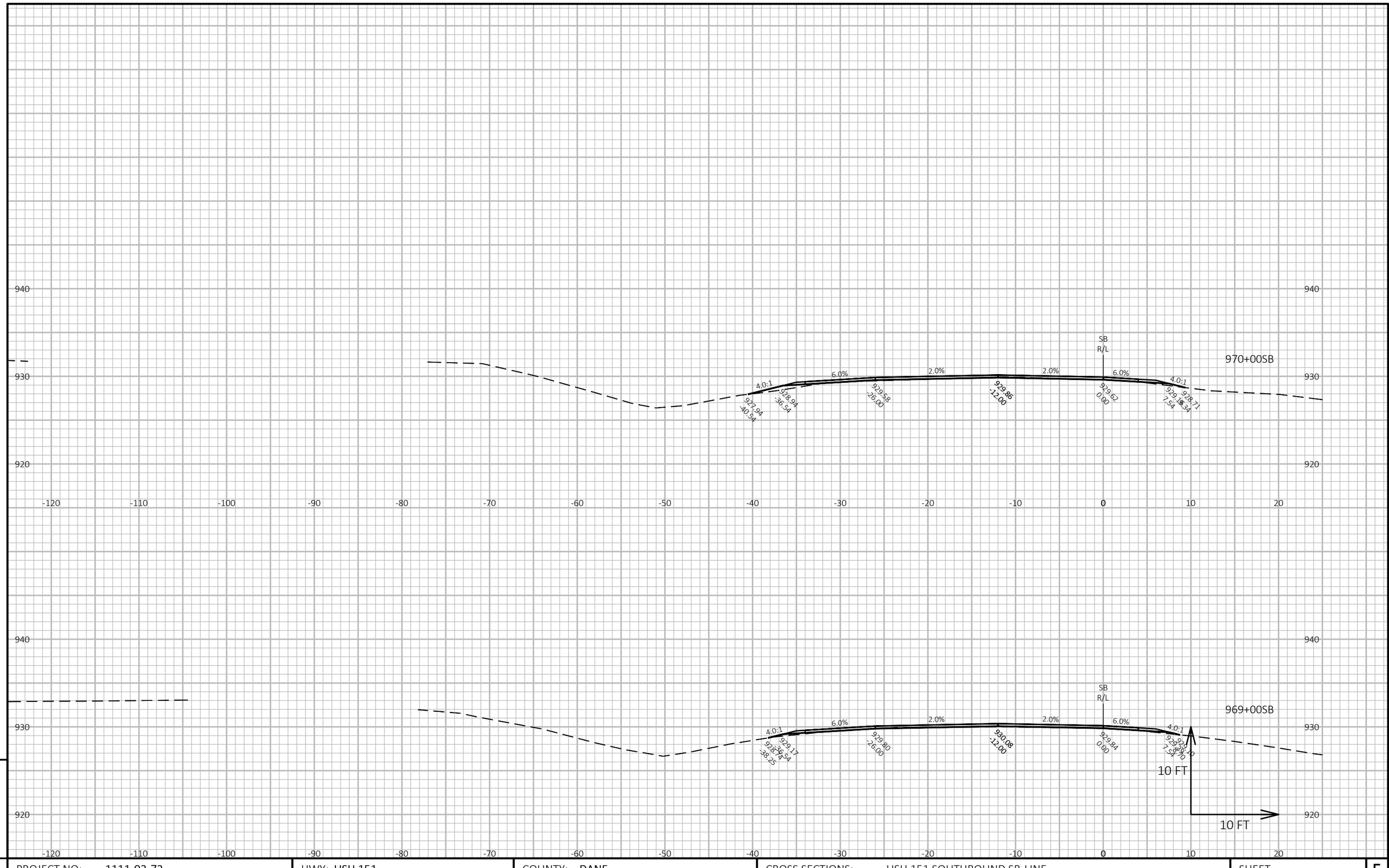
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 760	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090320_xs-SB

PLOT DATE : 4/24/2018 11:17 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

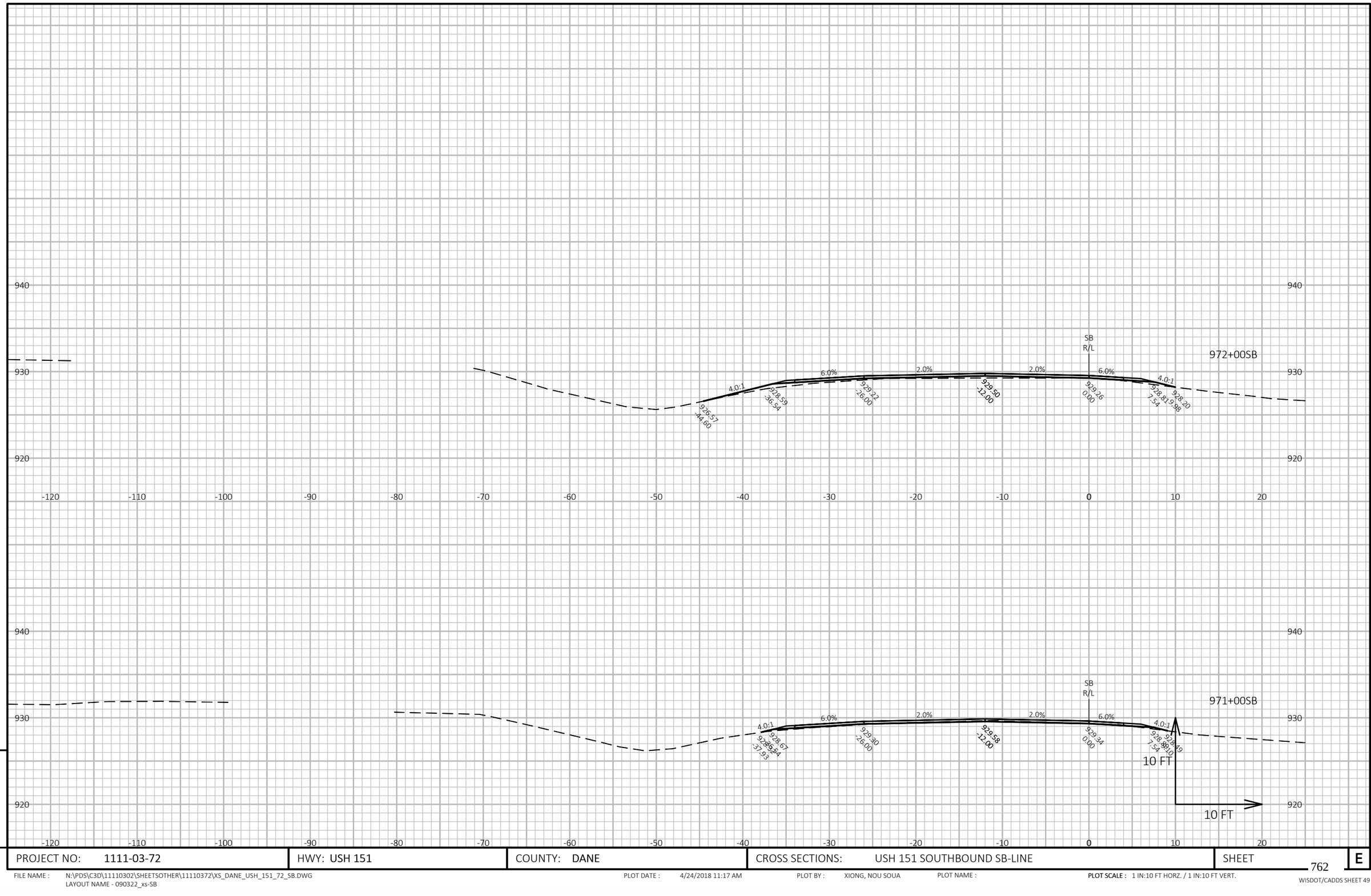


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 761 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090321_xs-SB

PLOT DATE : 4/24/2018 11:17 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

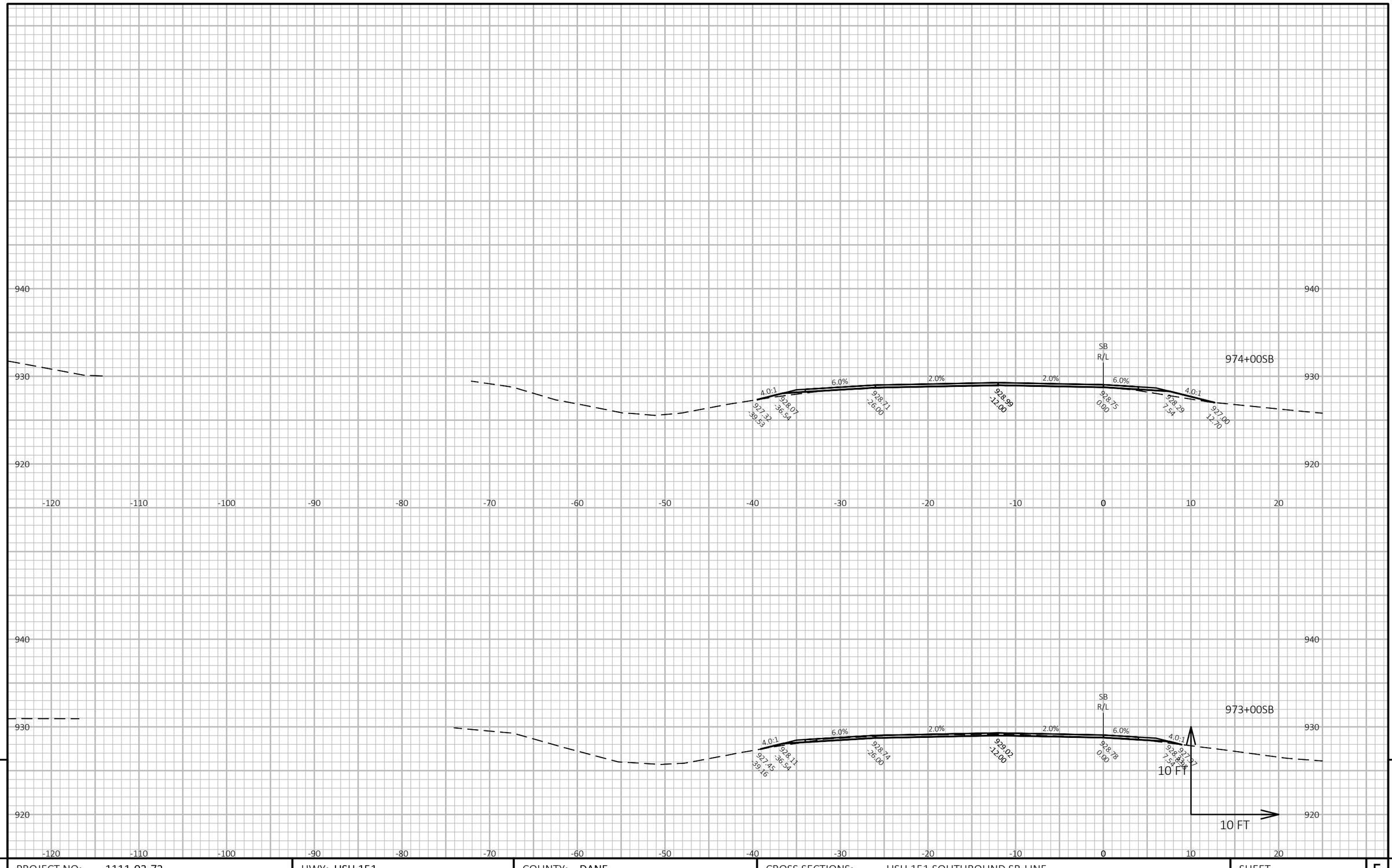


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 762	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090322_xs-SB

PLOT DATE : 4/24/2018 11:17 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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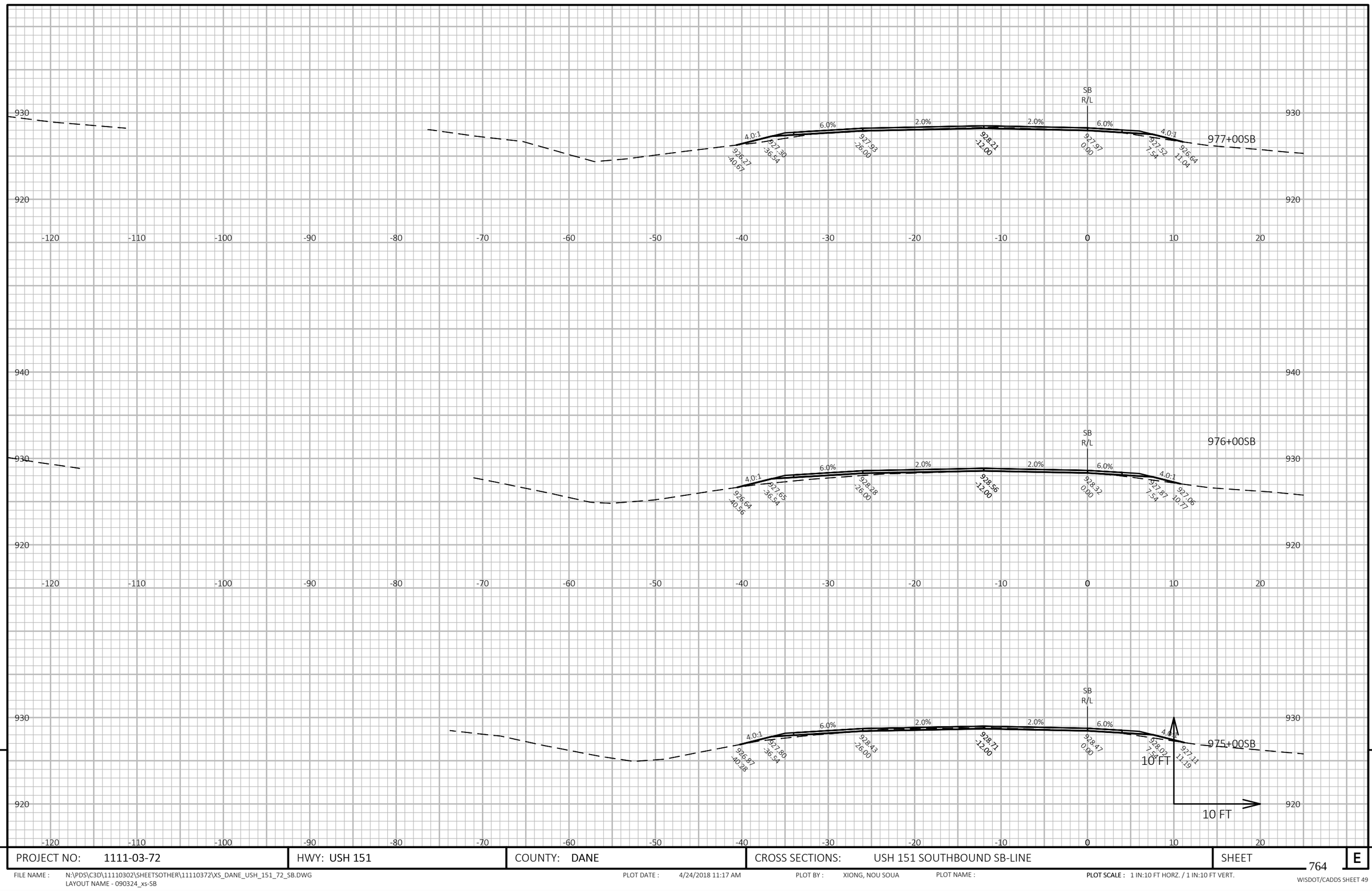
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 763	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090323_xs-SB

PLOT DATE : 4/24/2018 11:17 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

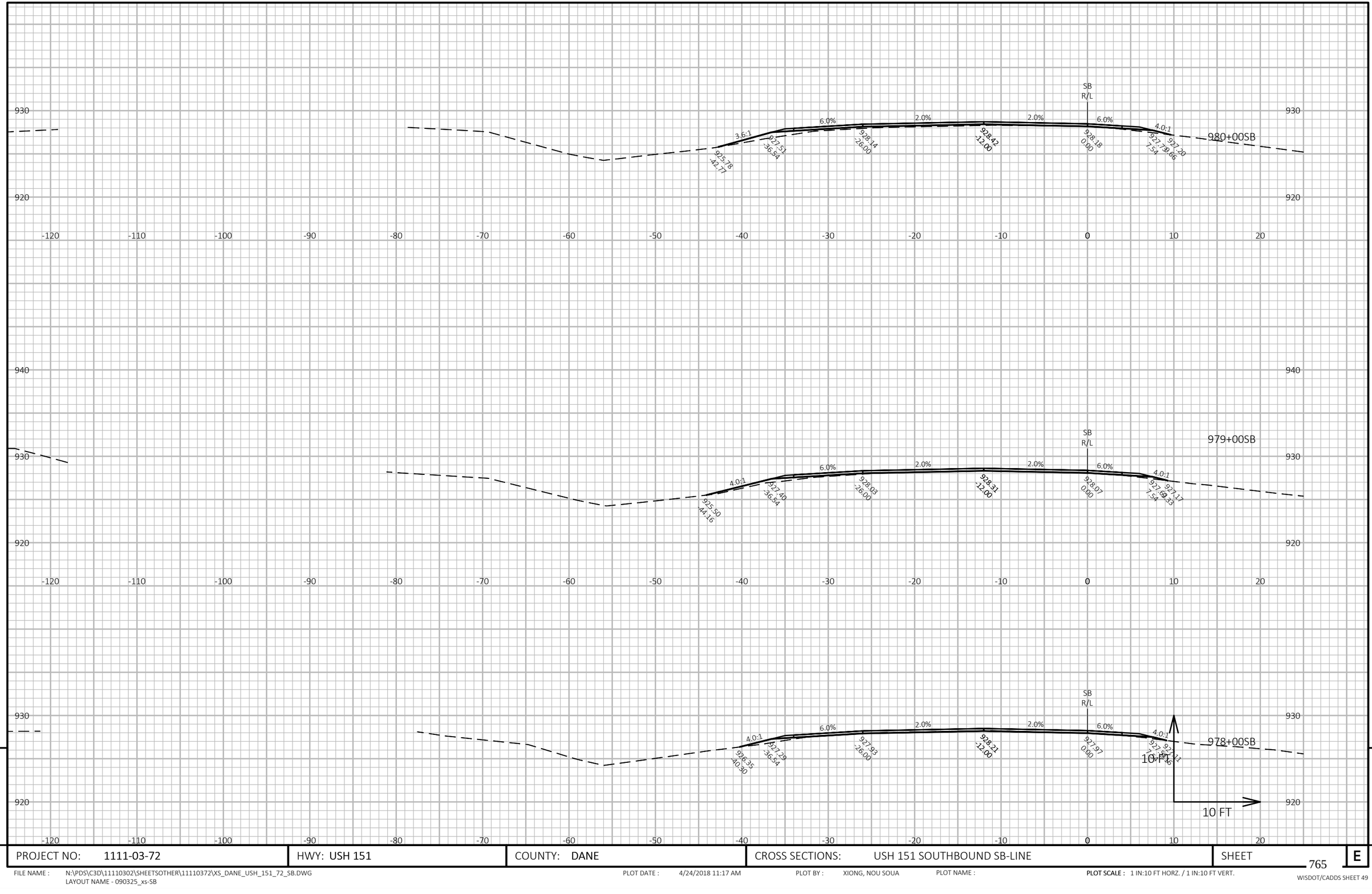


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 764	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090324_xs-SB

PLOT DATE : 4/24/2018 11:17 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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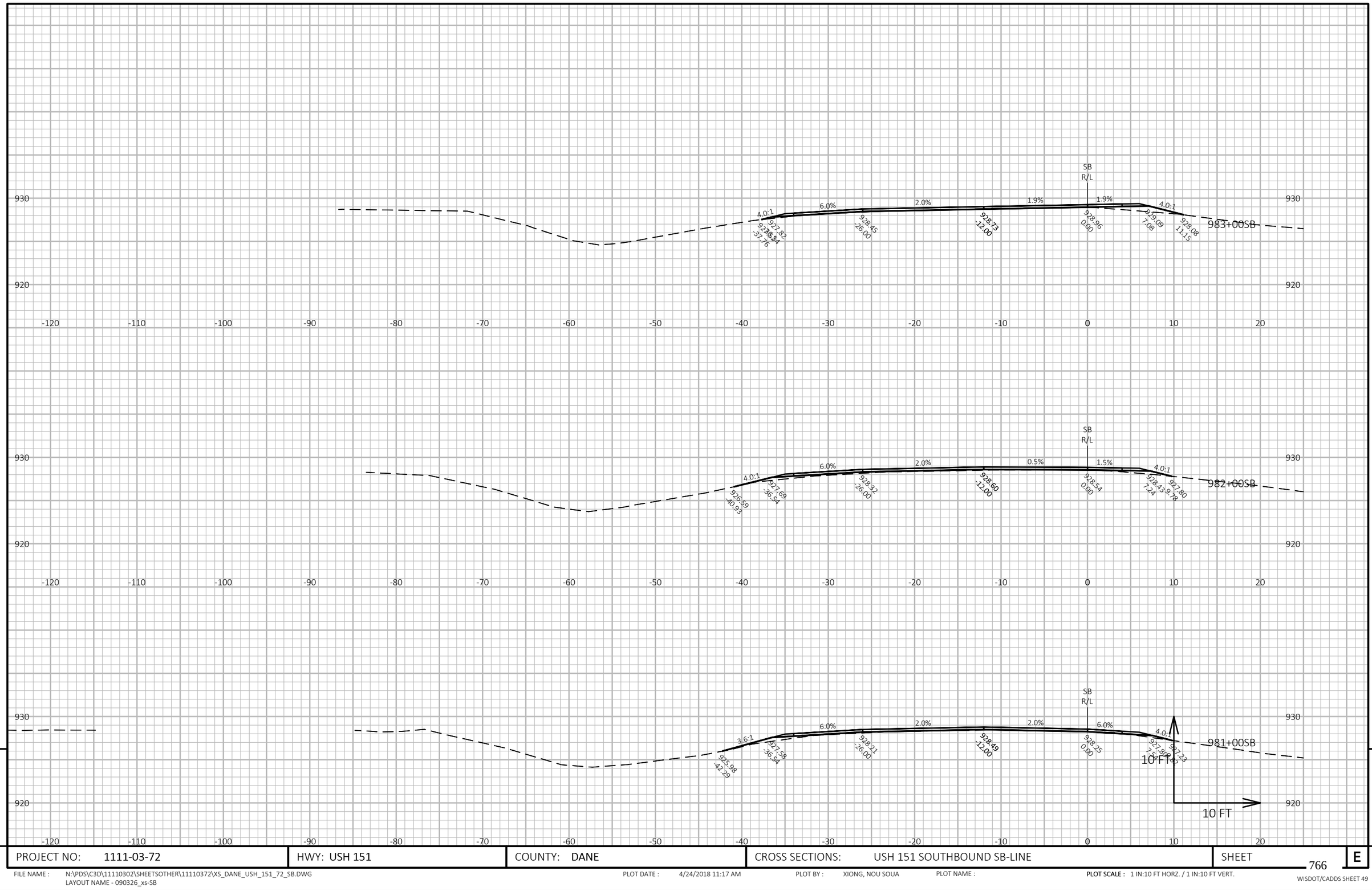
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 765	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090325_xs-SB

PLOT DATE : 4/24/2018 11:17 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



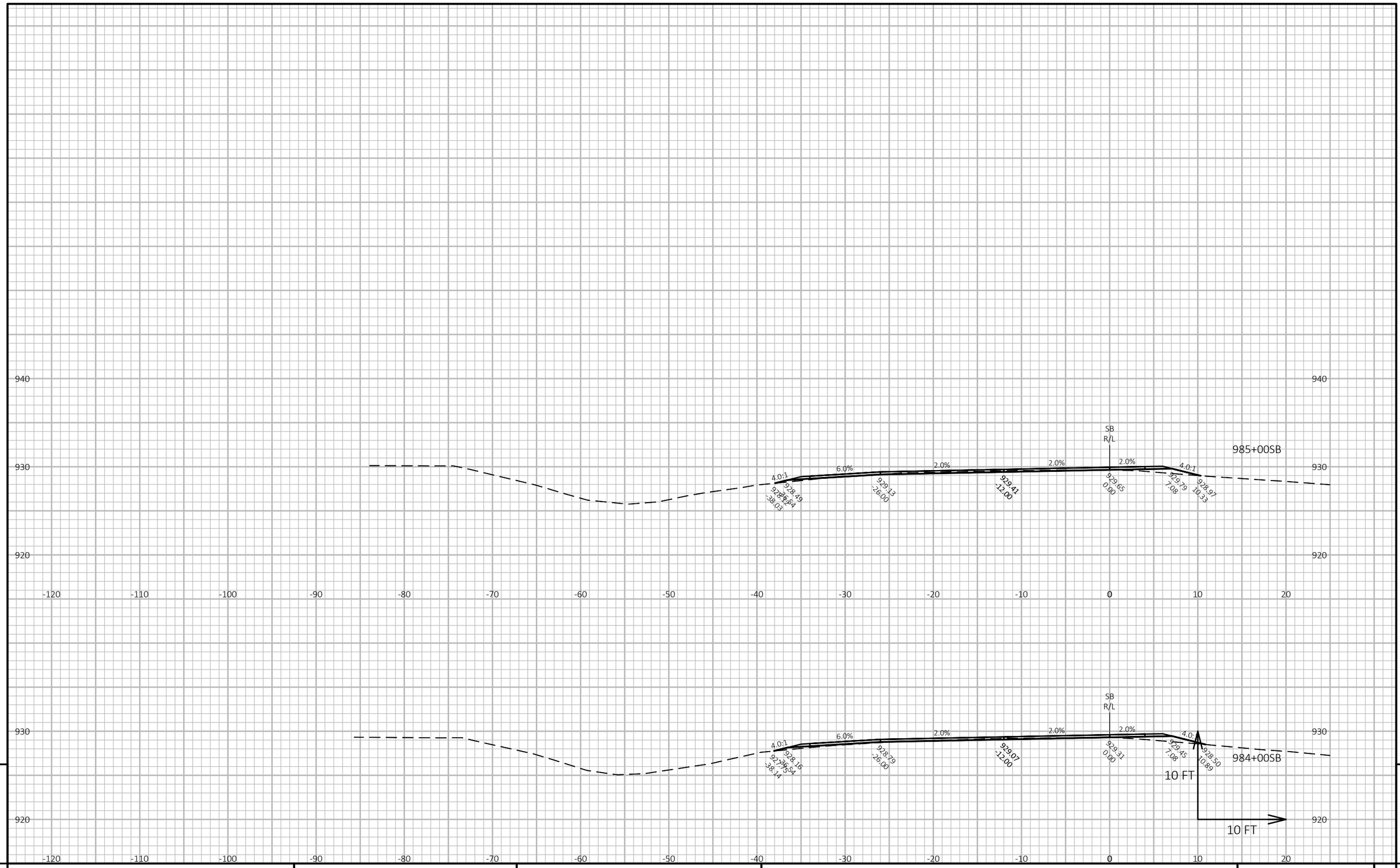
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 766	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090326_xs-SB

PLOT DATE : 4/24/2018 11:17 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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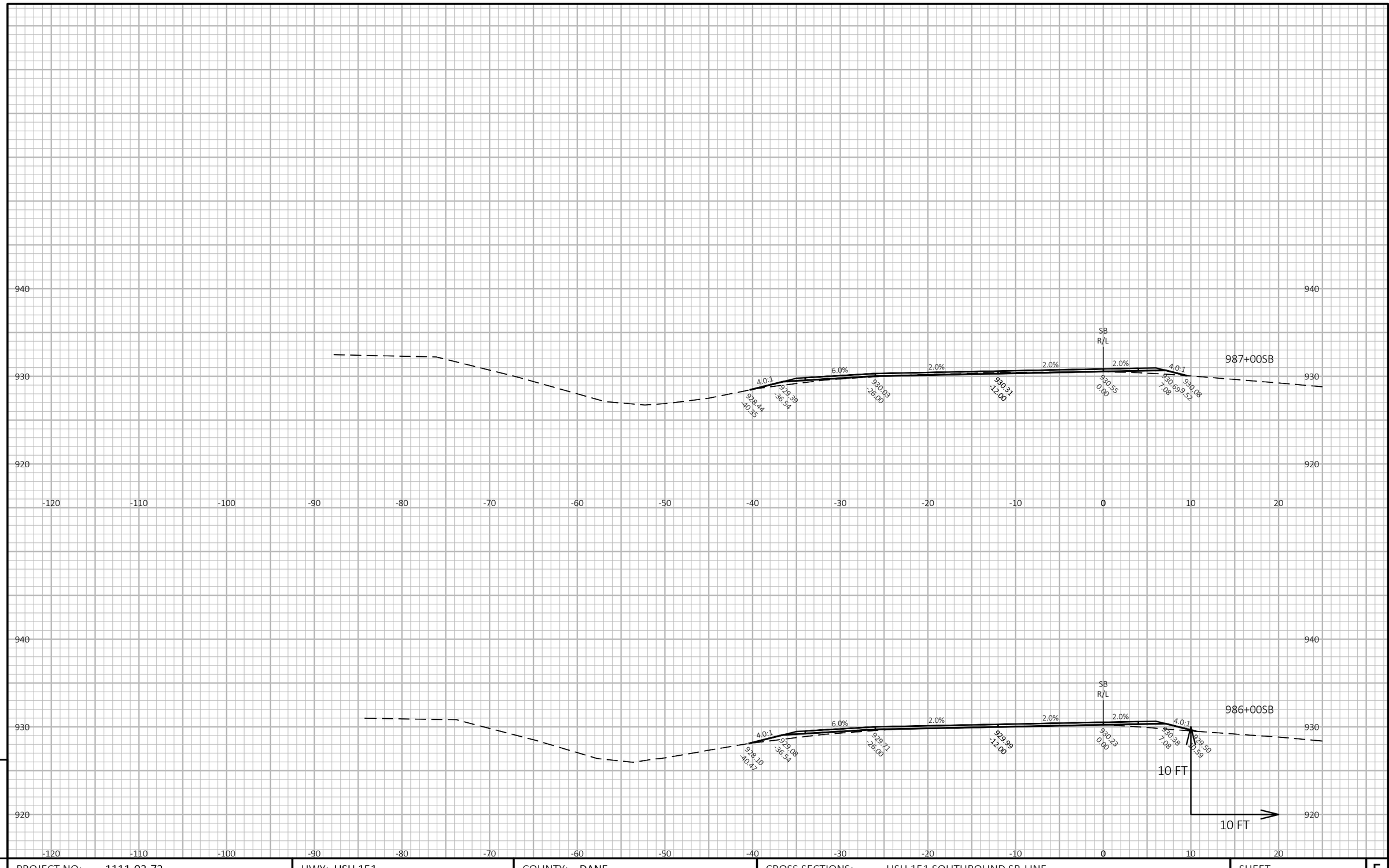
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 767	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090327_xs-SB

PLOT DATE : 4/24/2018 11:18 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

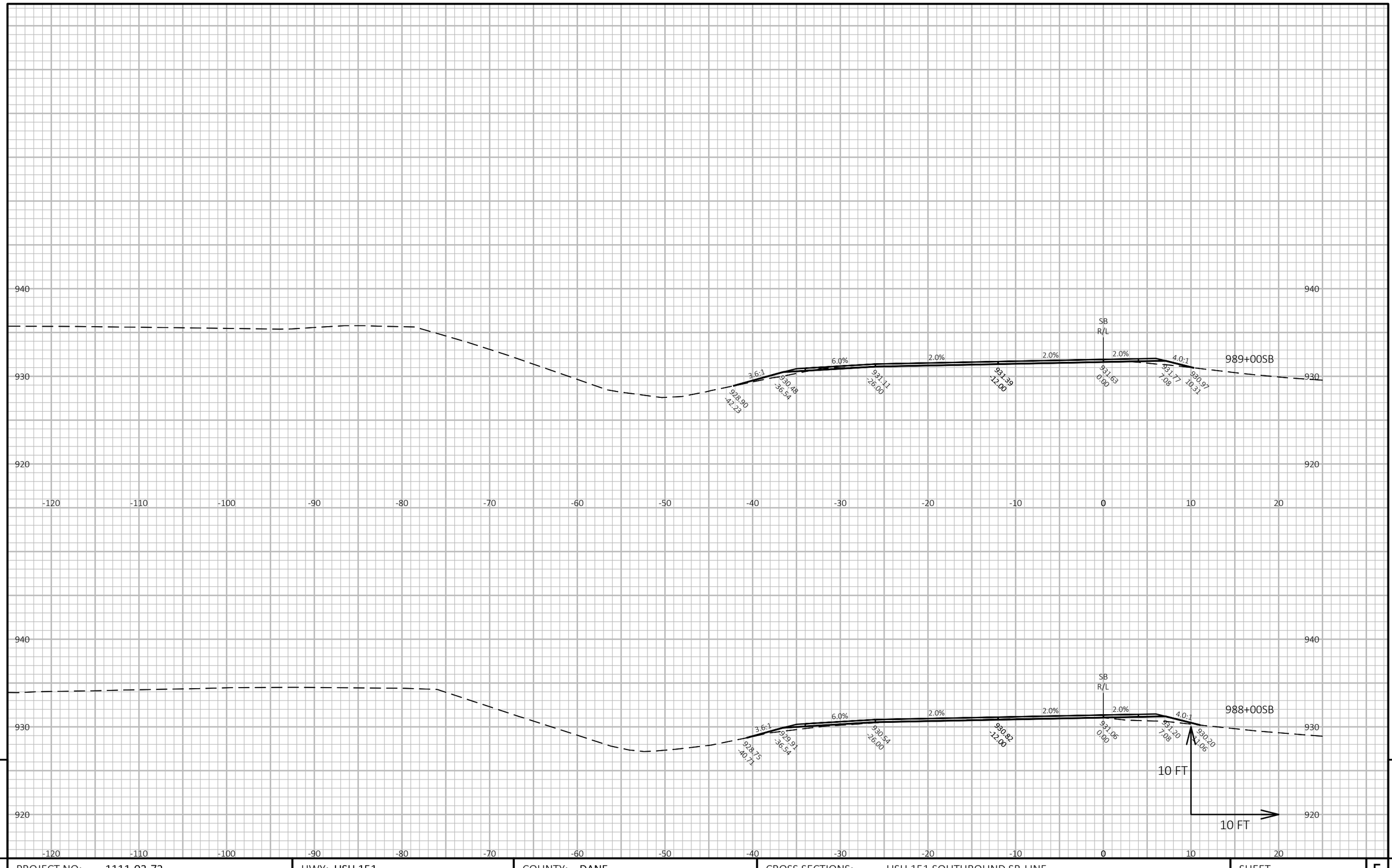


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 768	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090328_xs-SB

PLOT DATE : 4/24/2018 11:18 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 769	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090329_xs-SB

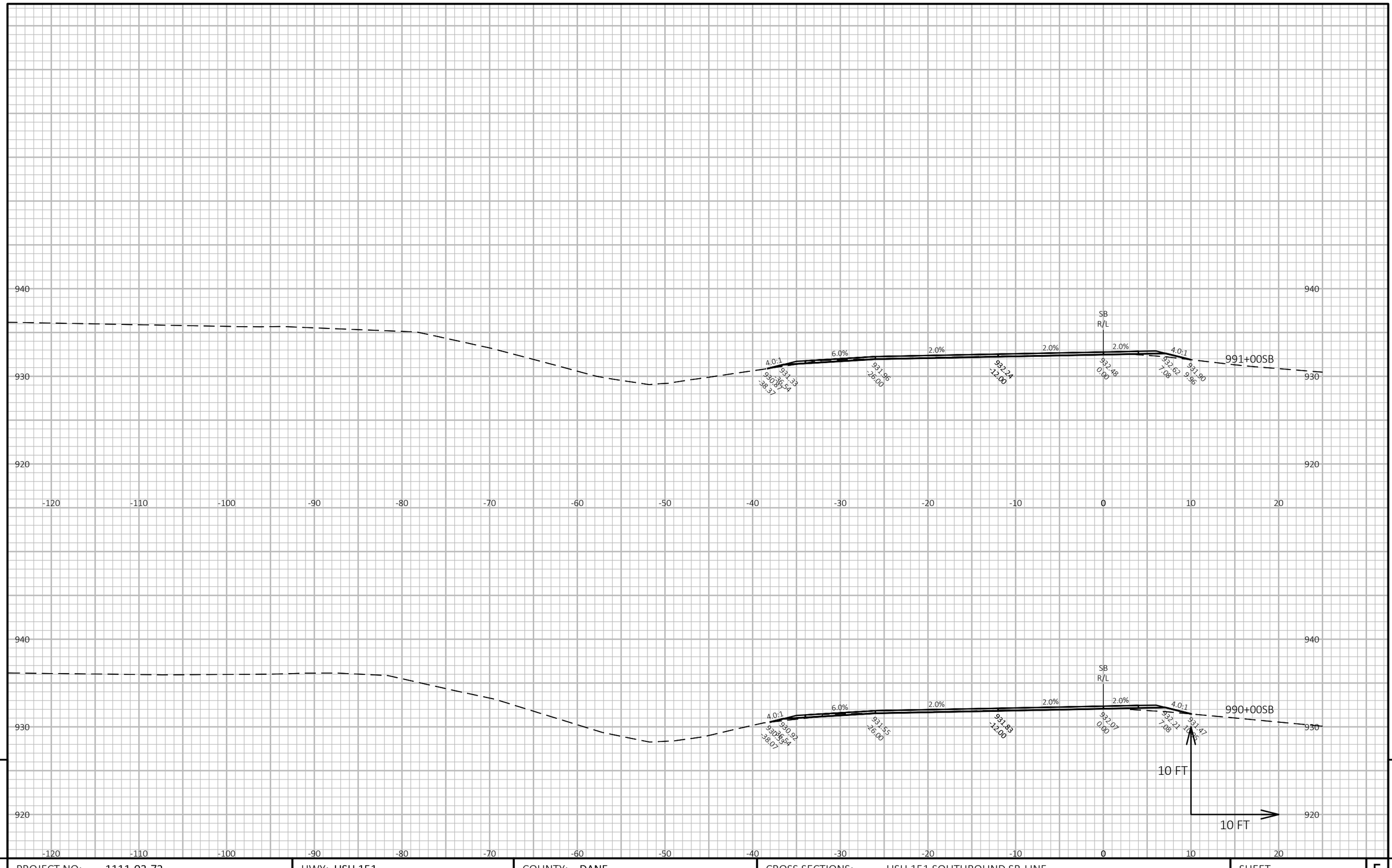
PLOT DATE : 4/24/2018 11:18 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

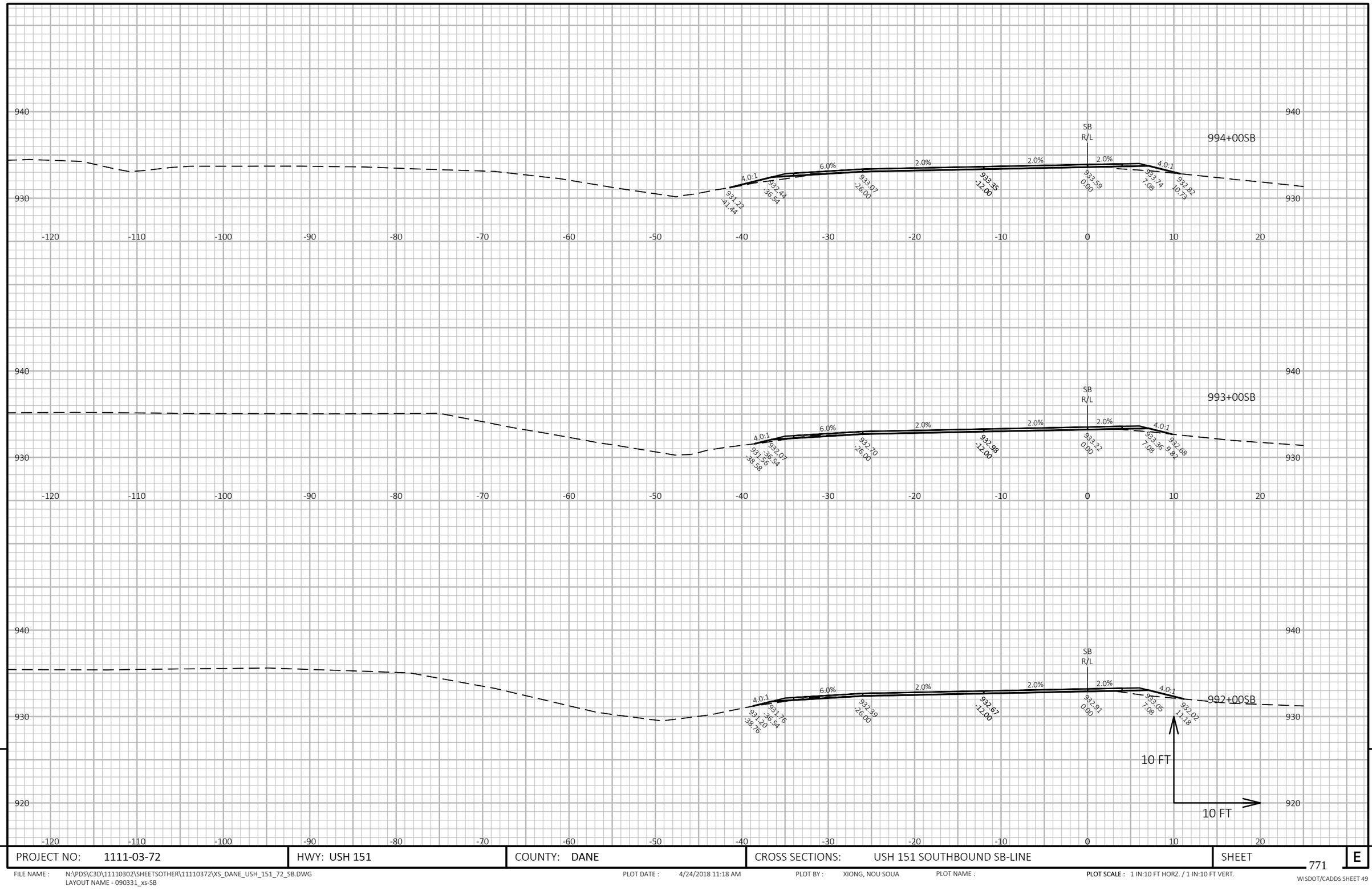


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 770

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090330_xs-SB

PLOT DATE : 4/24/2018 11:18 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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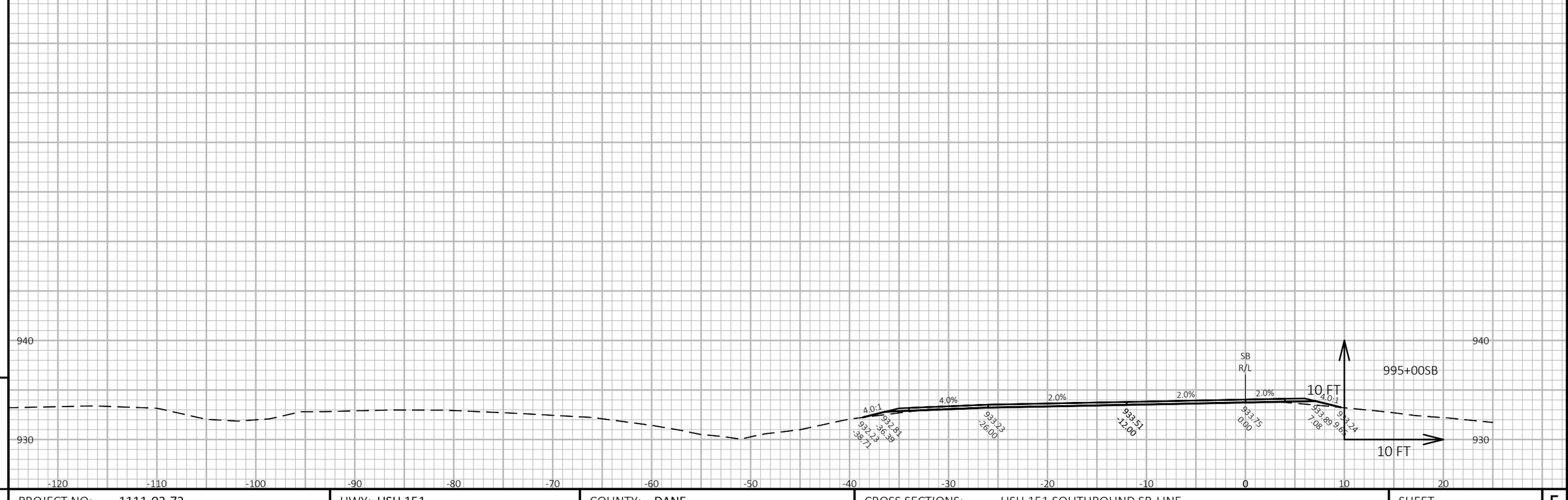
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 771	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090331_xs-SB

PLOT DATE : 4/24/2018 11:18 AM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 772	E

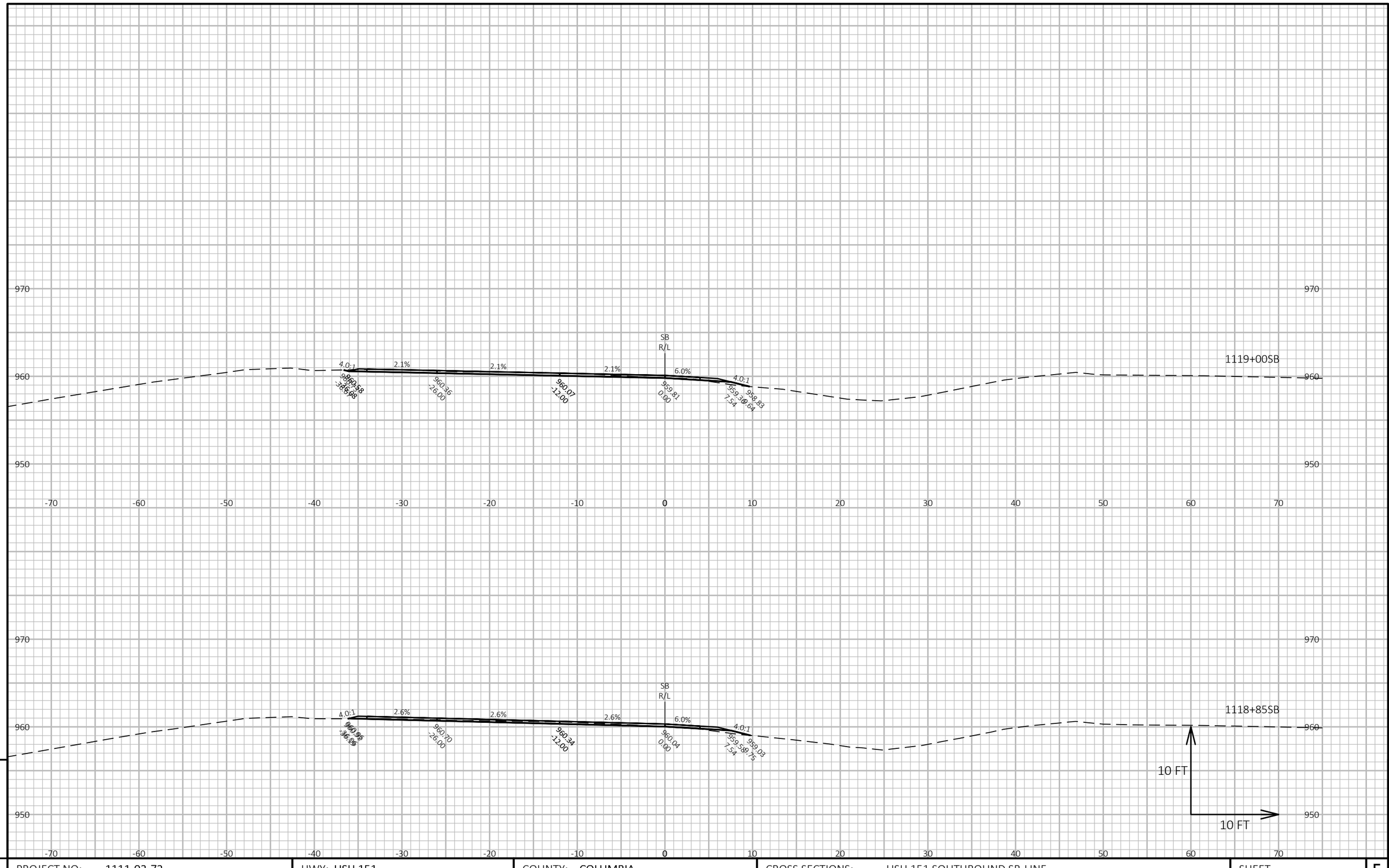
FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_USH_151_72_SB.DWG
LAYOUT NAME - 090332_xs-SB

PLOT DATE : 4/24/2018 11:18 AM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 773	E

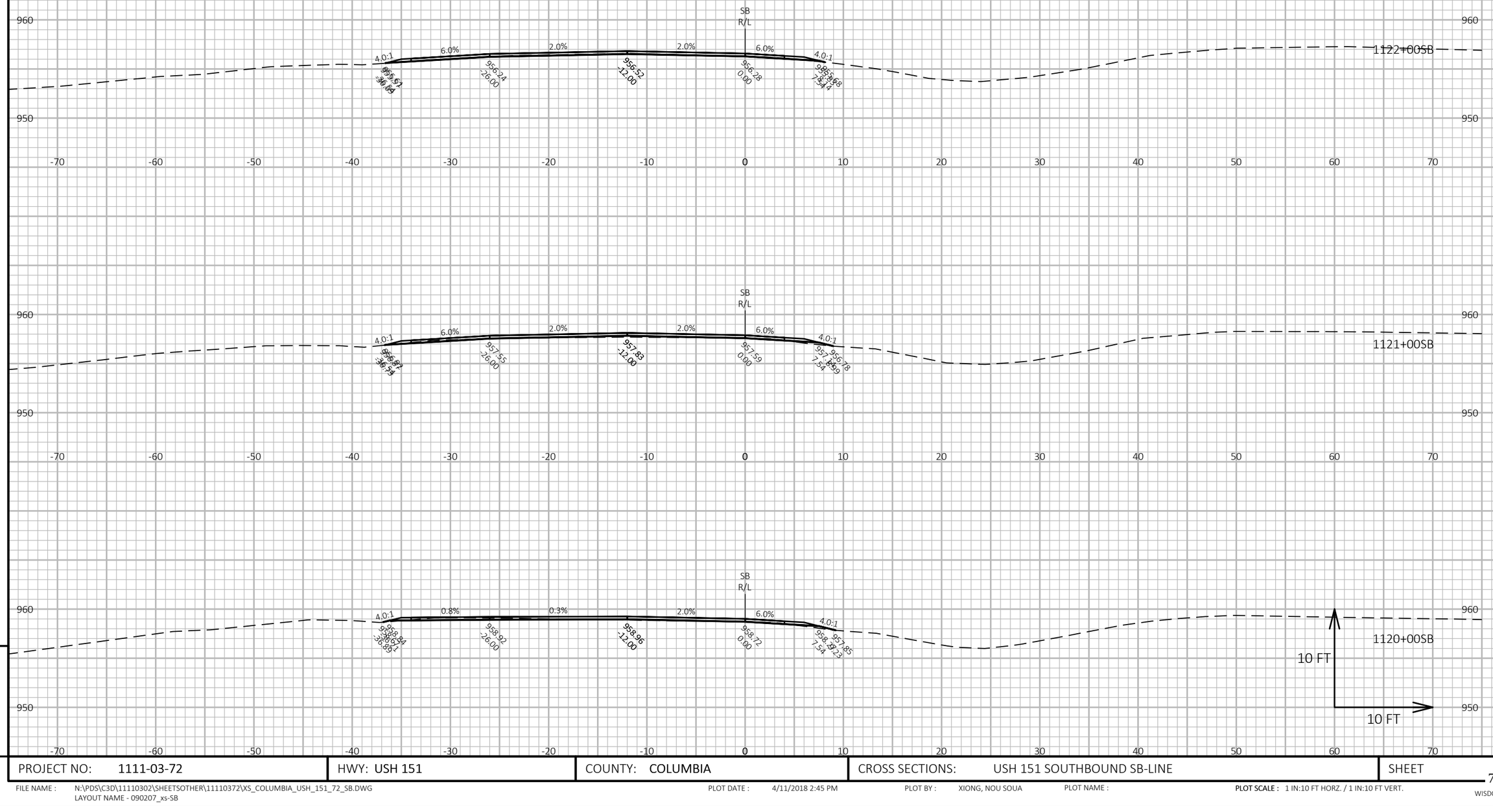
FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
LAYOUT NAME - 090206_xs-SB

PLOT DATE : 4/11/2018 2:45 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

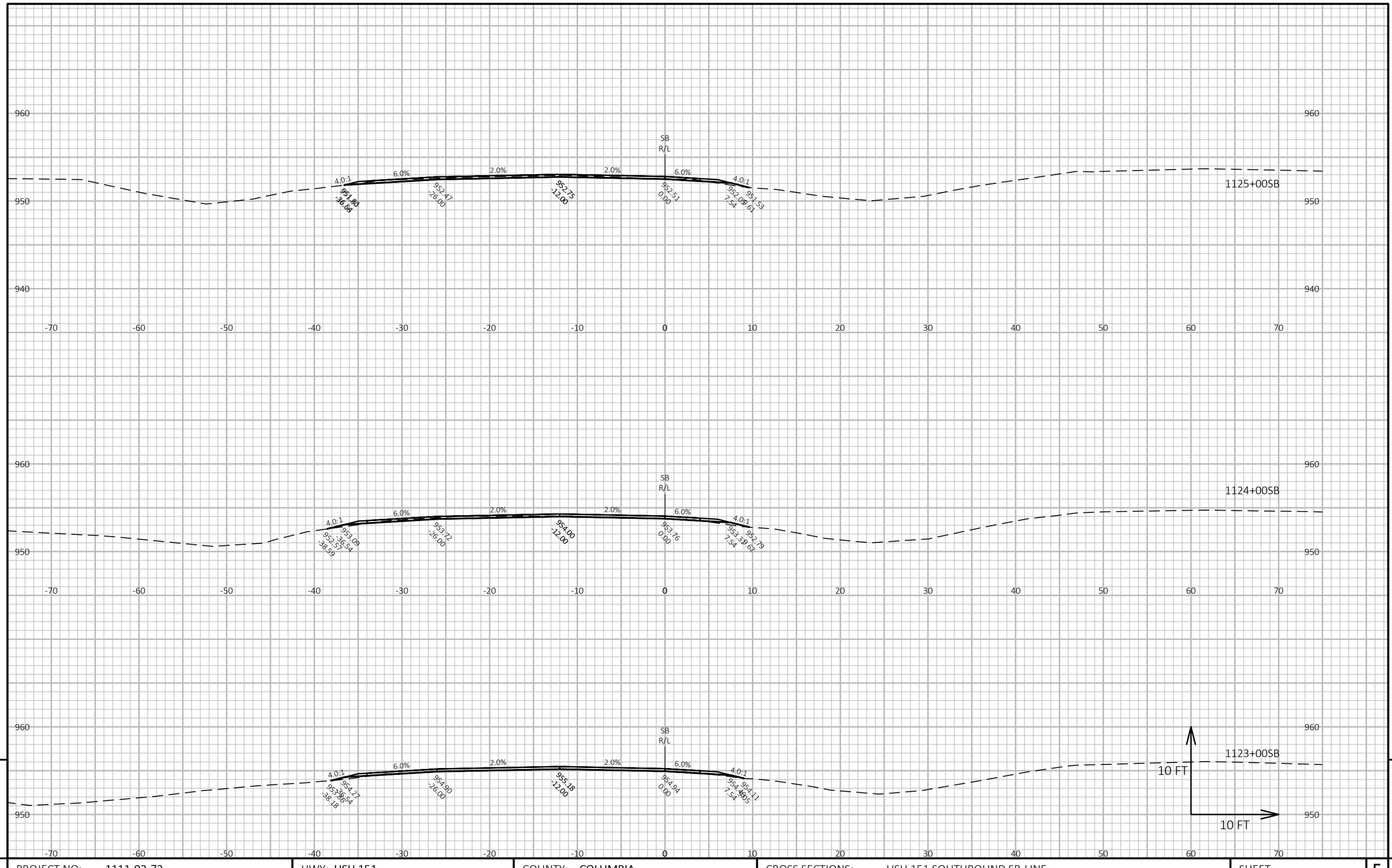


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 774 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
LAYOUT NAME - 090207_xs-SB

PLOT DATE : 4/11/2018 2:45 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 775	E

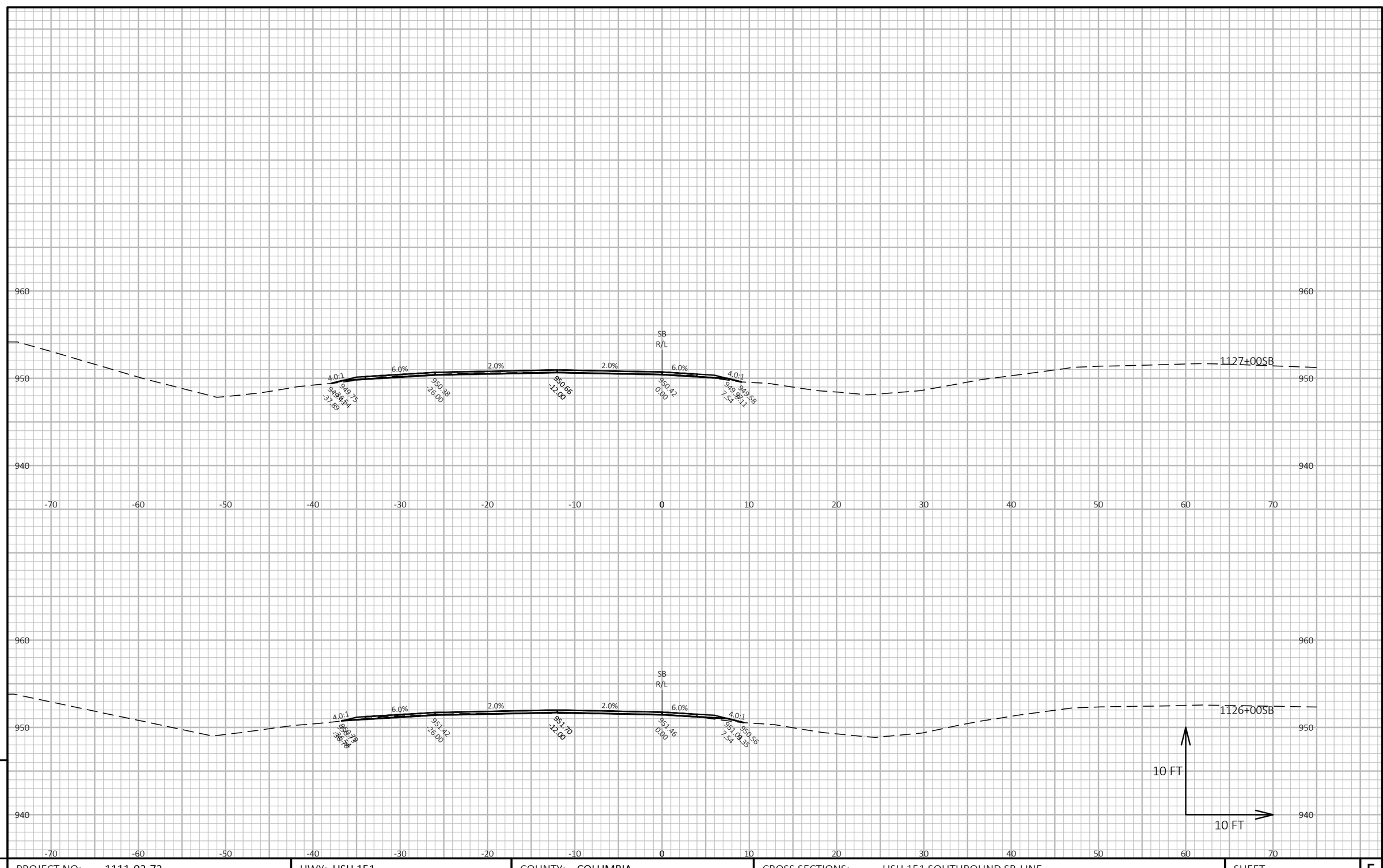
FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
LAYOUT NAME - 090208_xs-SB

PLOT DATE : 4/11/2018 2:45 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 776	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
LAYOUT NAME - 090209_xs-SB

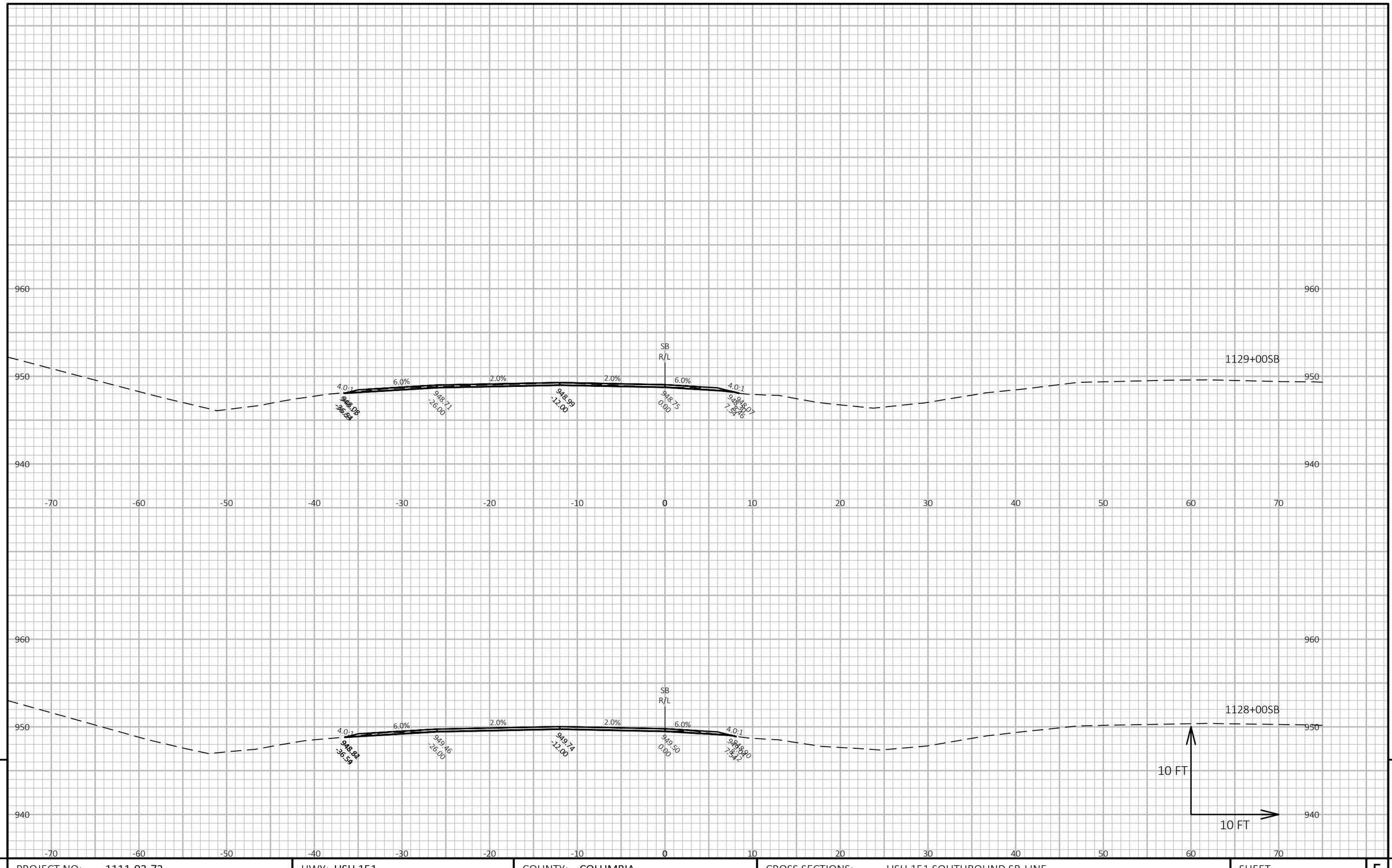
PLOT DATE : 4/11/2018 2:46 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 777	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
LAYOUT NAME - 090210_xs-SB

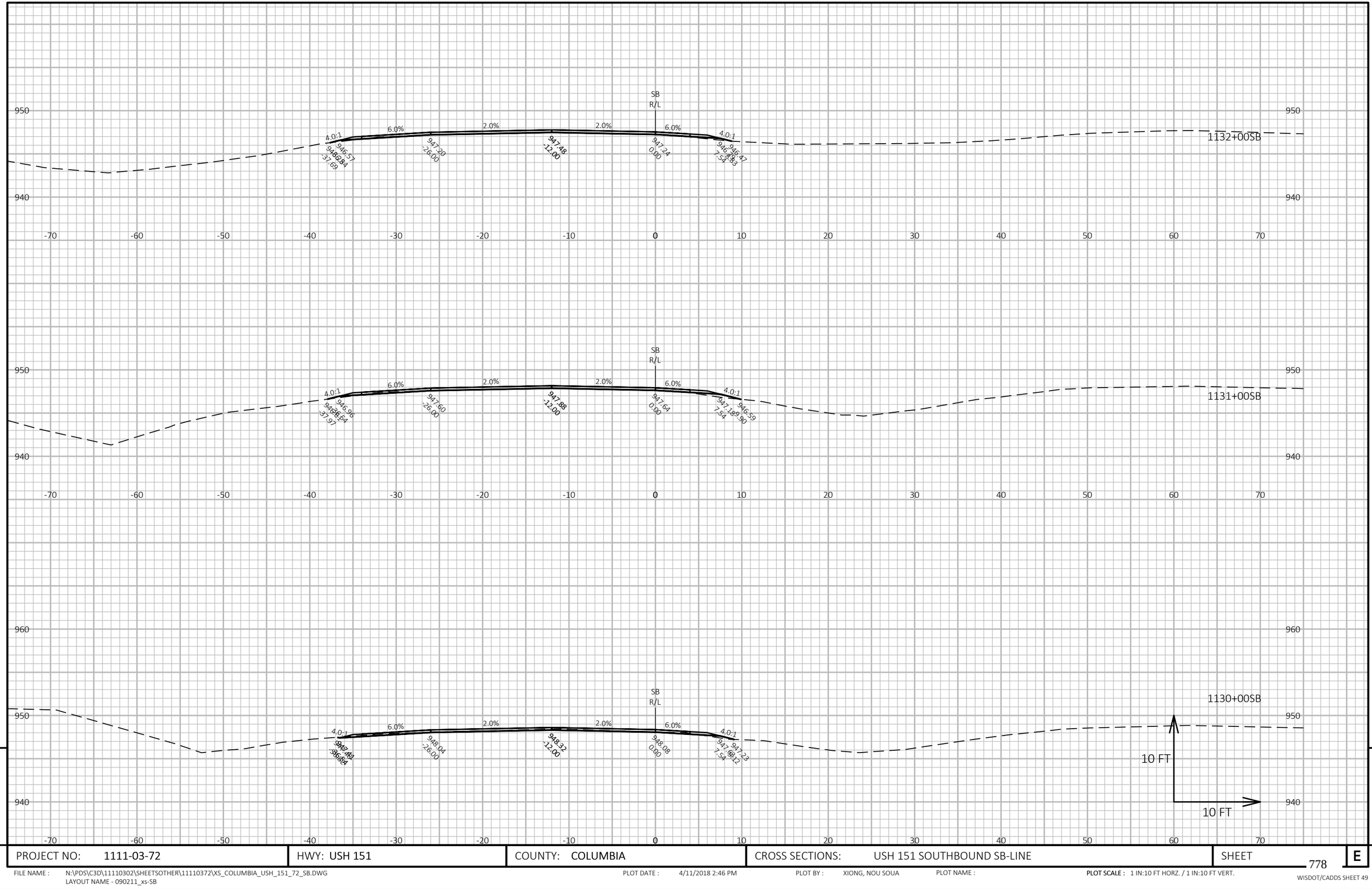
PLOT DATE : 4/11/2018 2:46 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

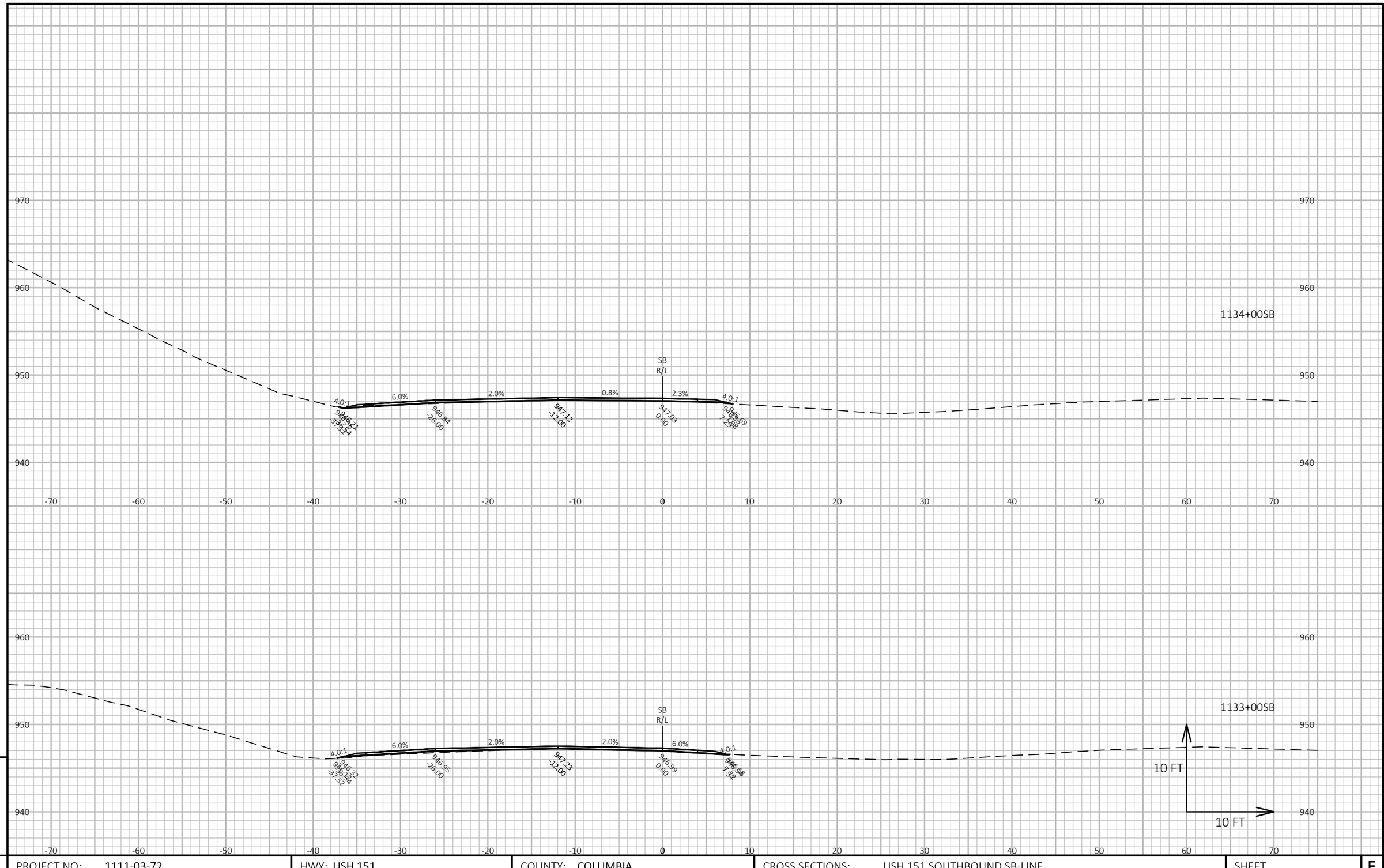


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 778	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
LAYOUT NAME - 090211_xs-SB

PLOT DATE : 4/11/2018 2:46 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 779	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
LAYOUT NAME - 090212_xs-SB

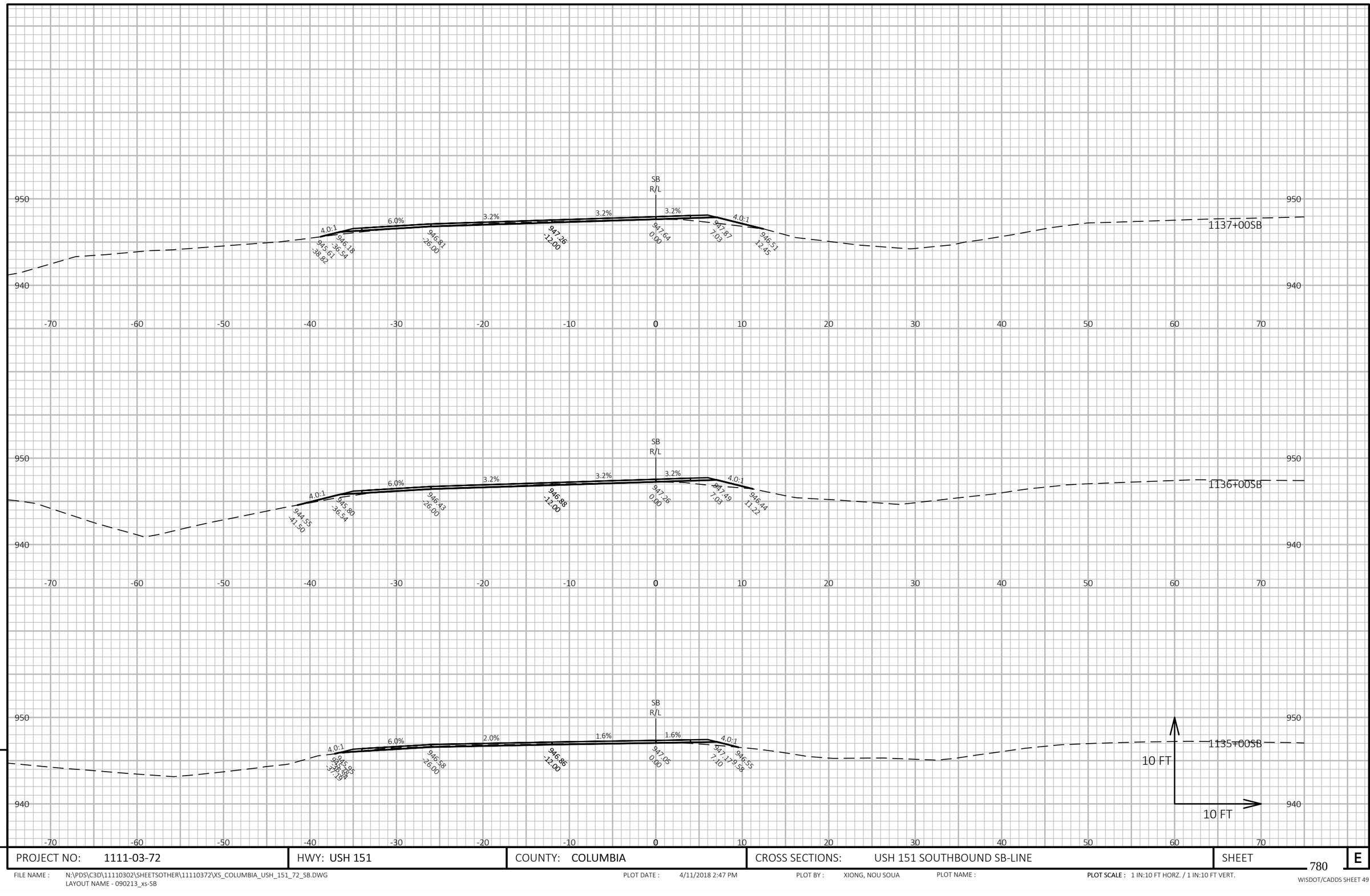
PLOT DATE : 4/11/2018 2:46 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 780	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
LAYOUT NAME - 090213_xs-SB

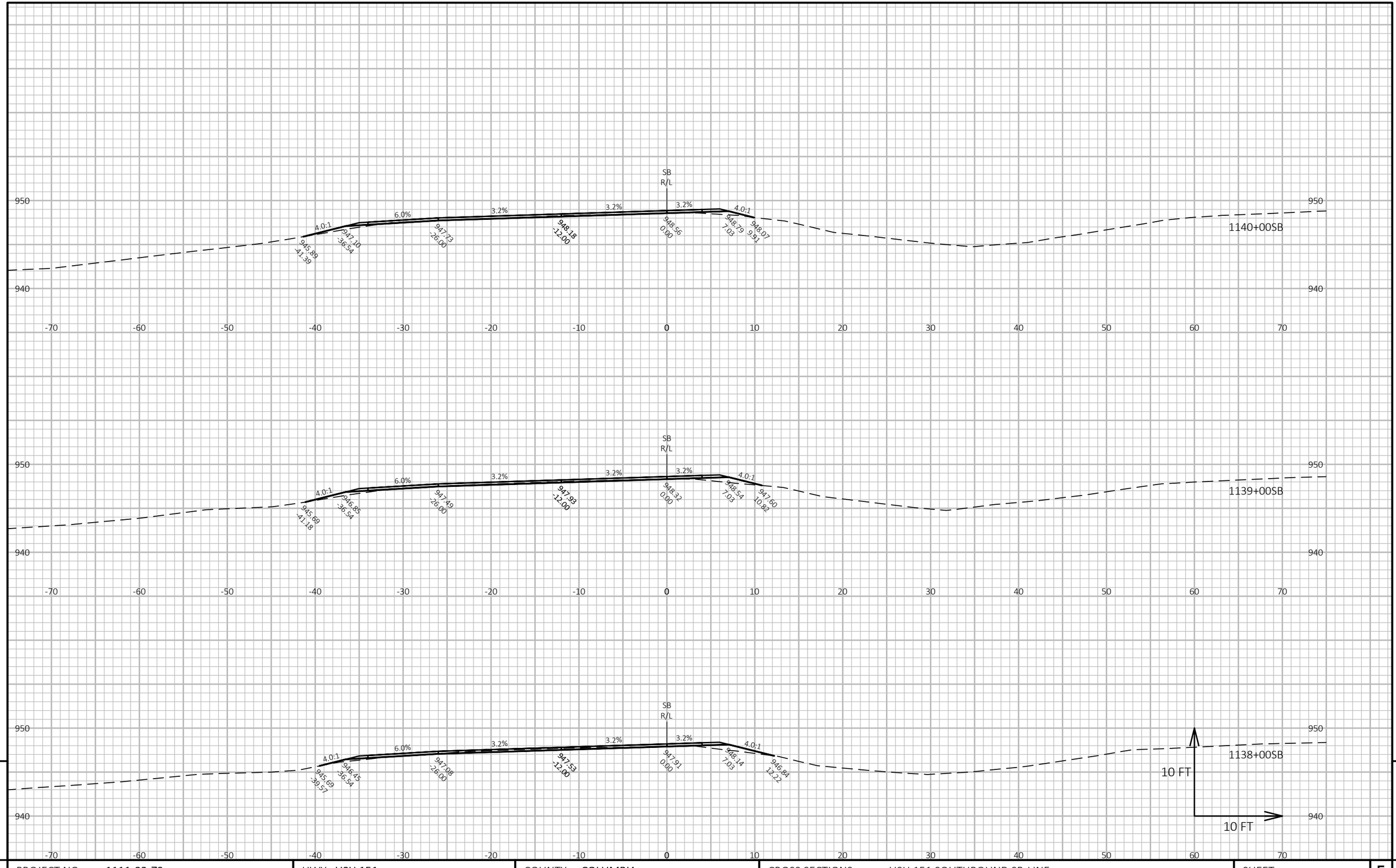
PLOT DATE : 4/11/2018 2:47 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



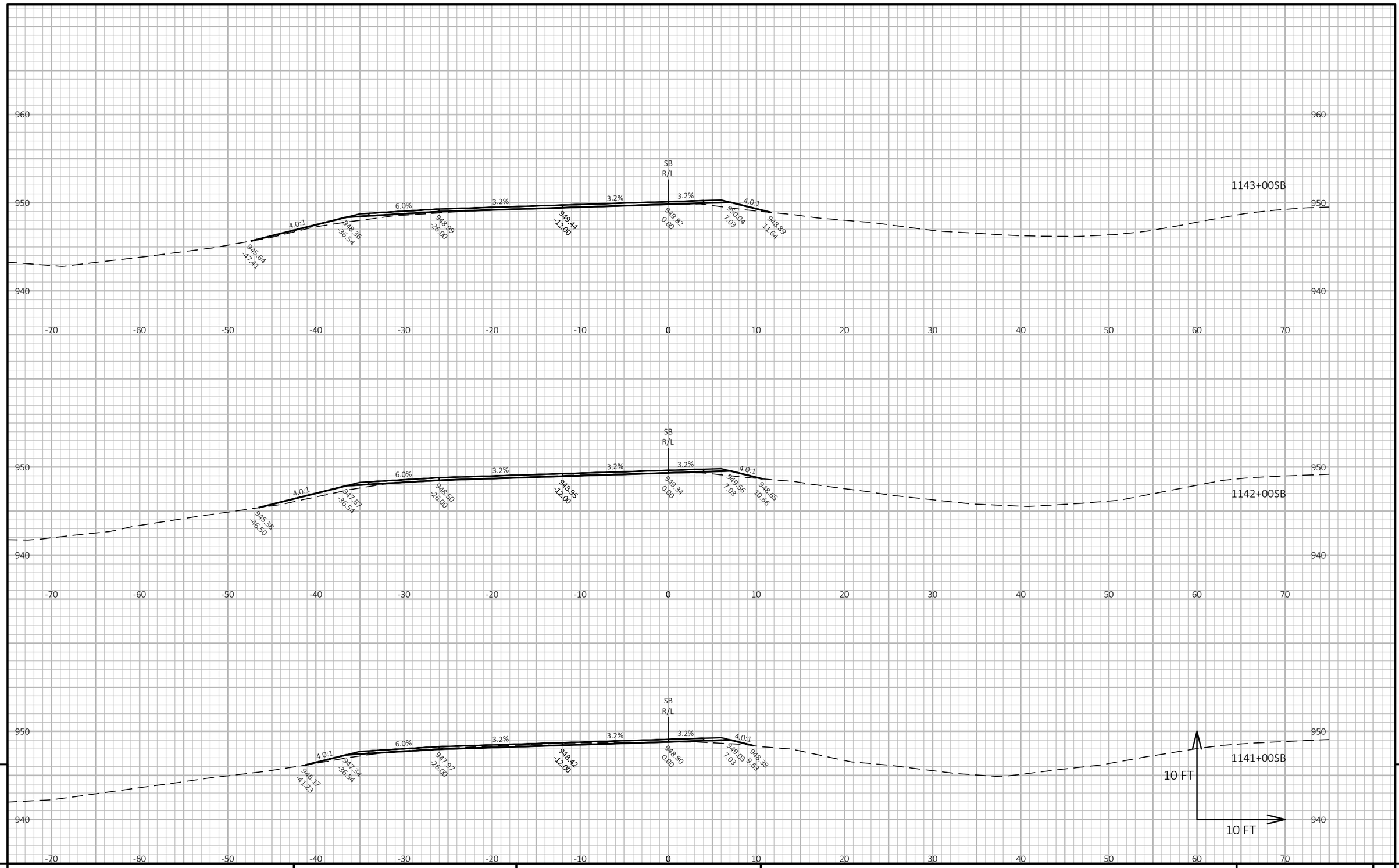
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 781	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
LAYOUT NAME - 090214_xs-SB

PLOT DATE : 4/11/2018 2:47 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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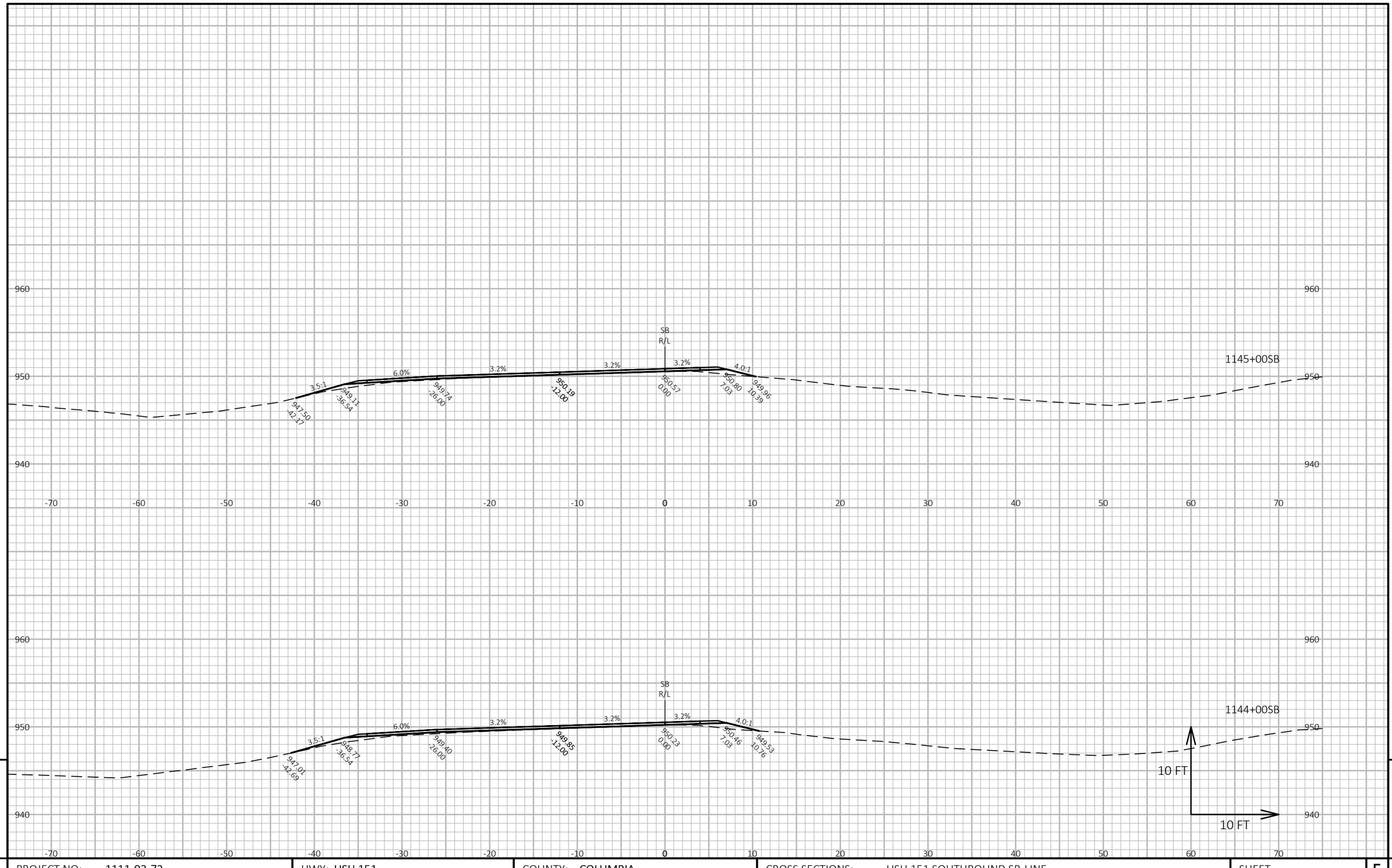
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 782	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
LAYOUT NAME - 090215_xs-SB

PLOT DATE : 4/11/2018 2:47 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

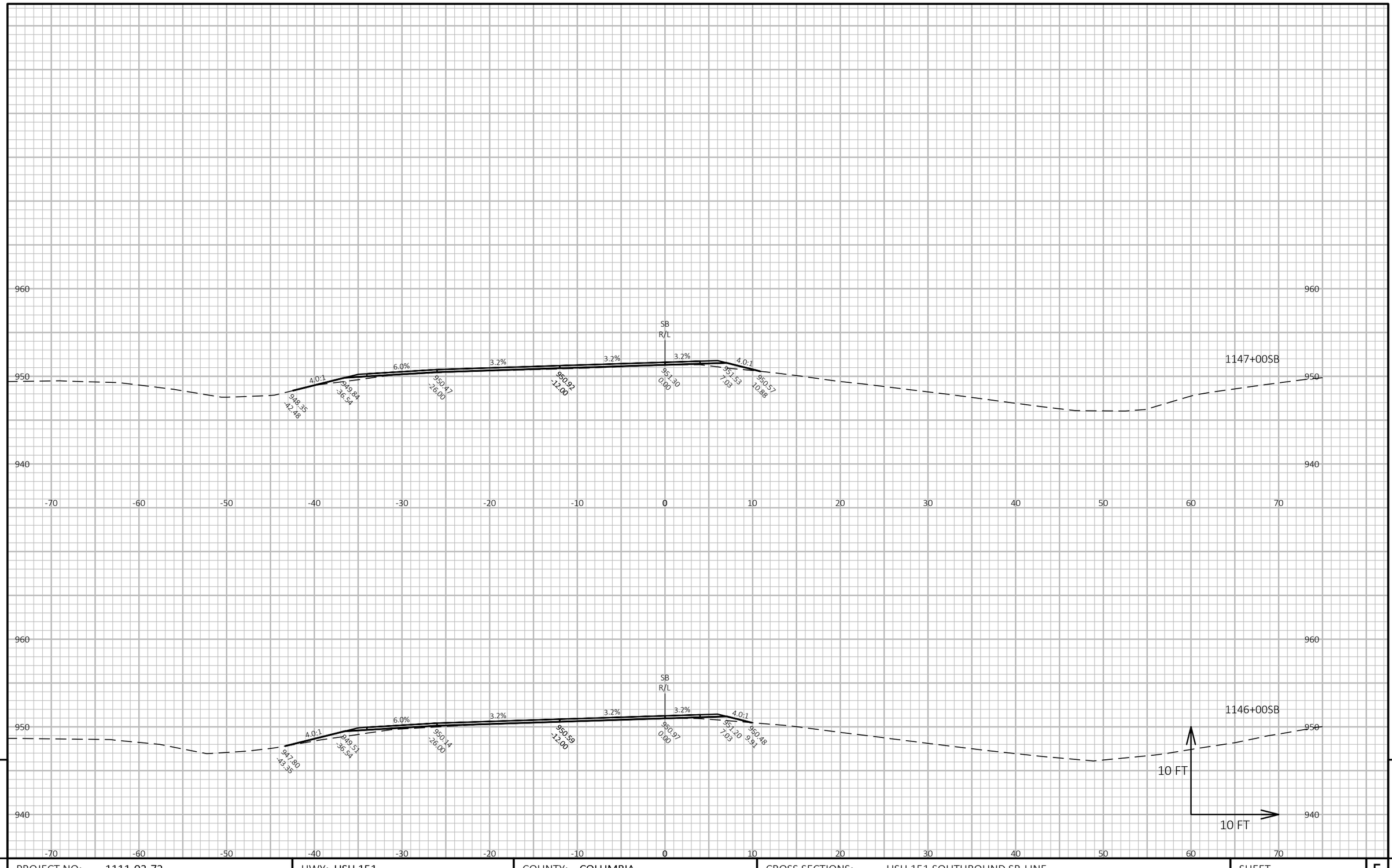


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 783 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
LAYOUT NAME - 090216_xs-SB

PLOT DATE : 4/11/2018 2:47 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

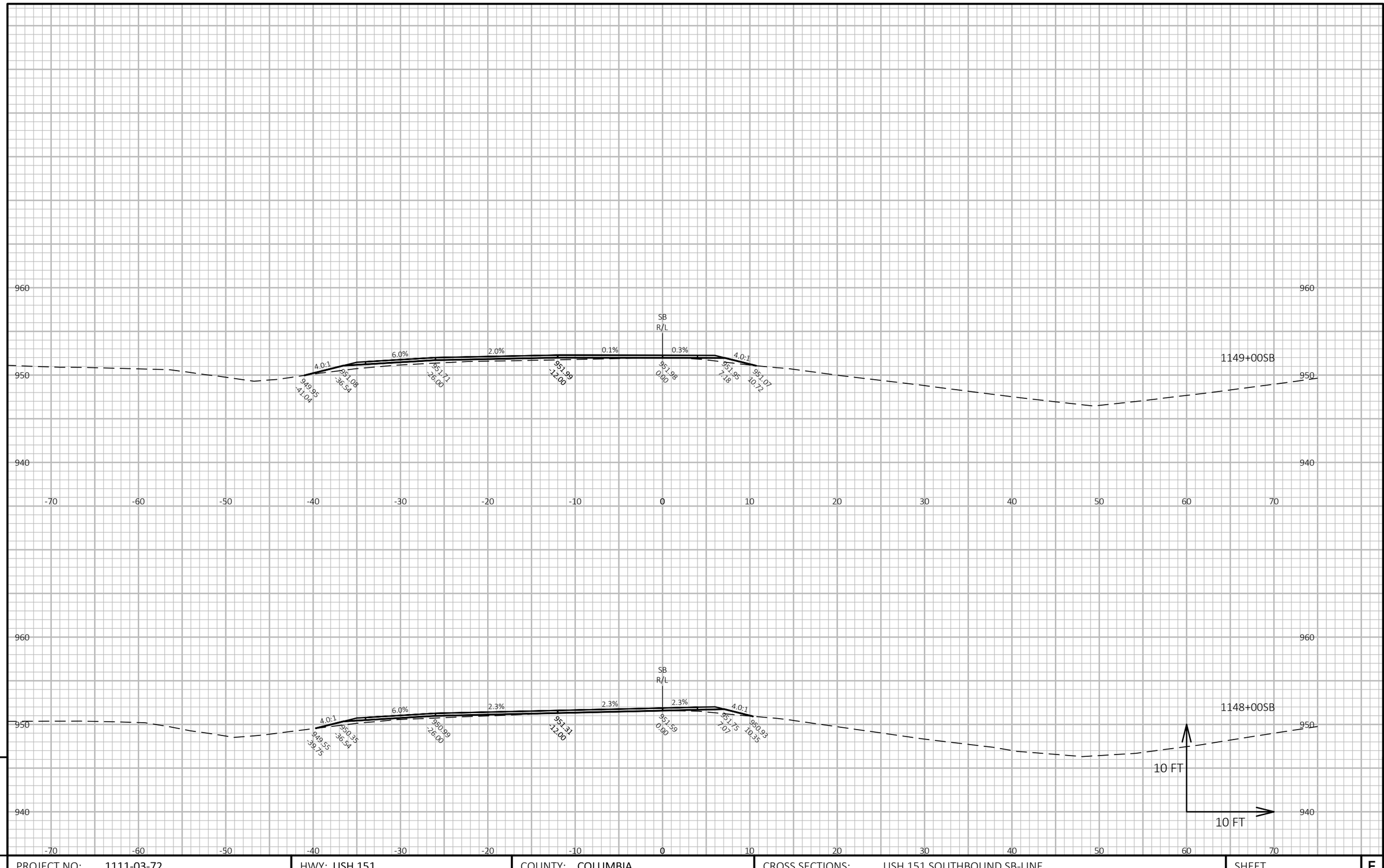


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 784 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
LAYOUT NAME - 090217_xs-SB

PLOT DATE : 4/11/2018 2:48 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 785

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
LAYOUT NAME - 090218_xs-SB

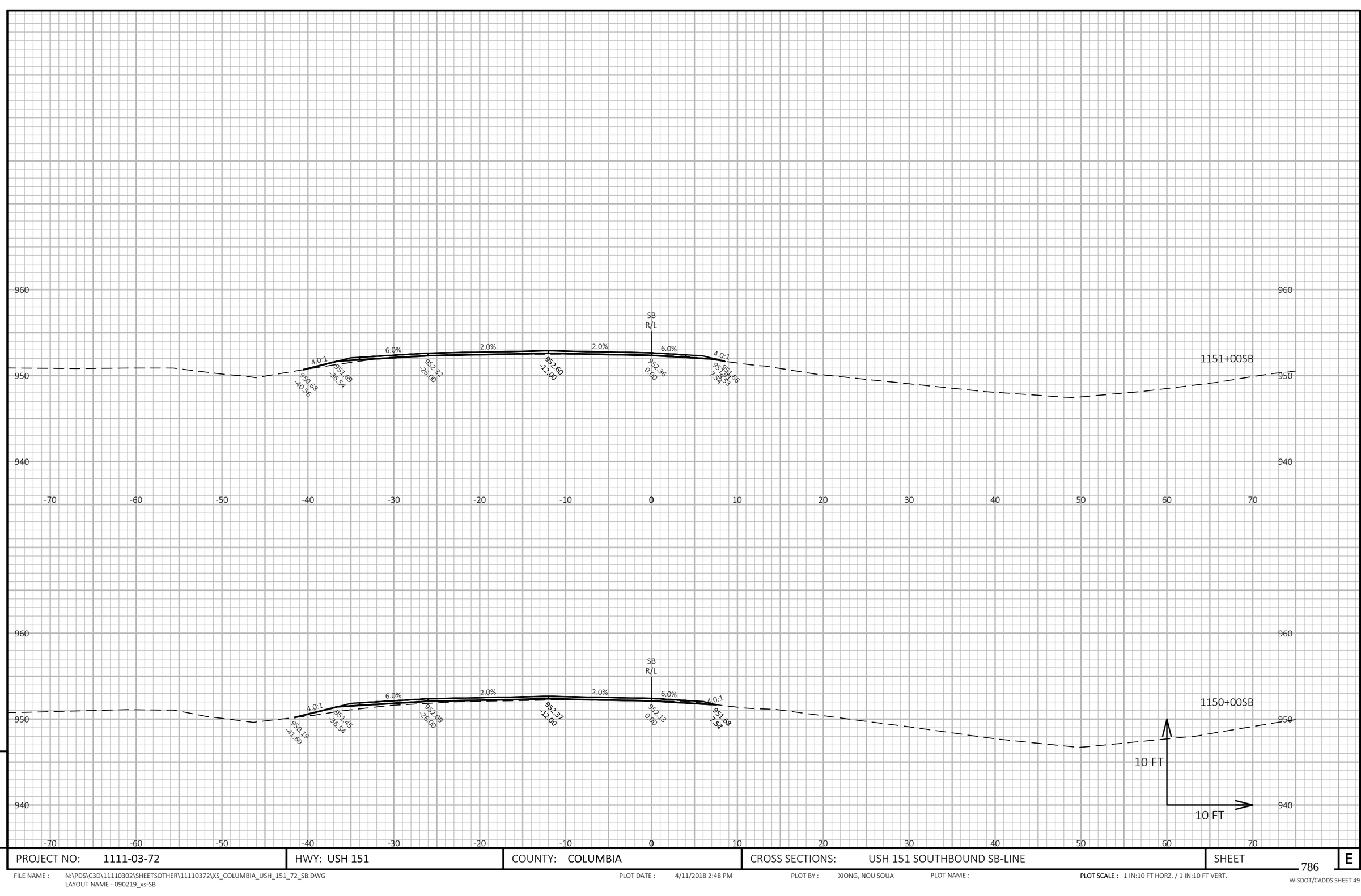
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PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 786	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
LAYOUT NAME - 090219_xs-SB

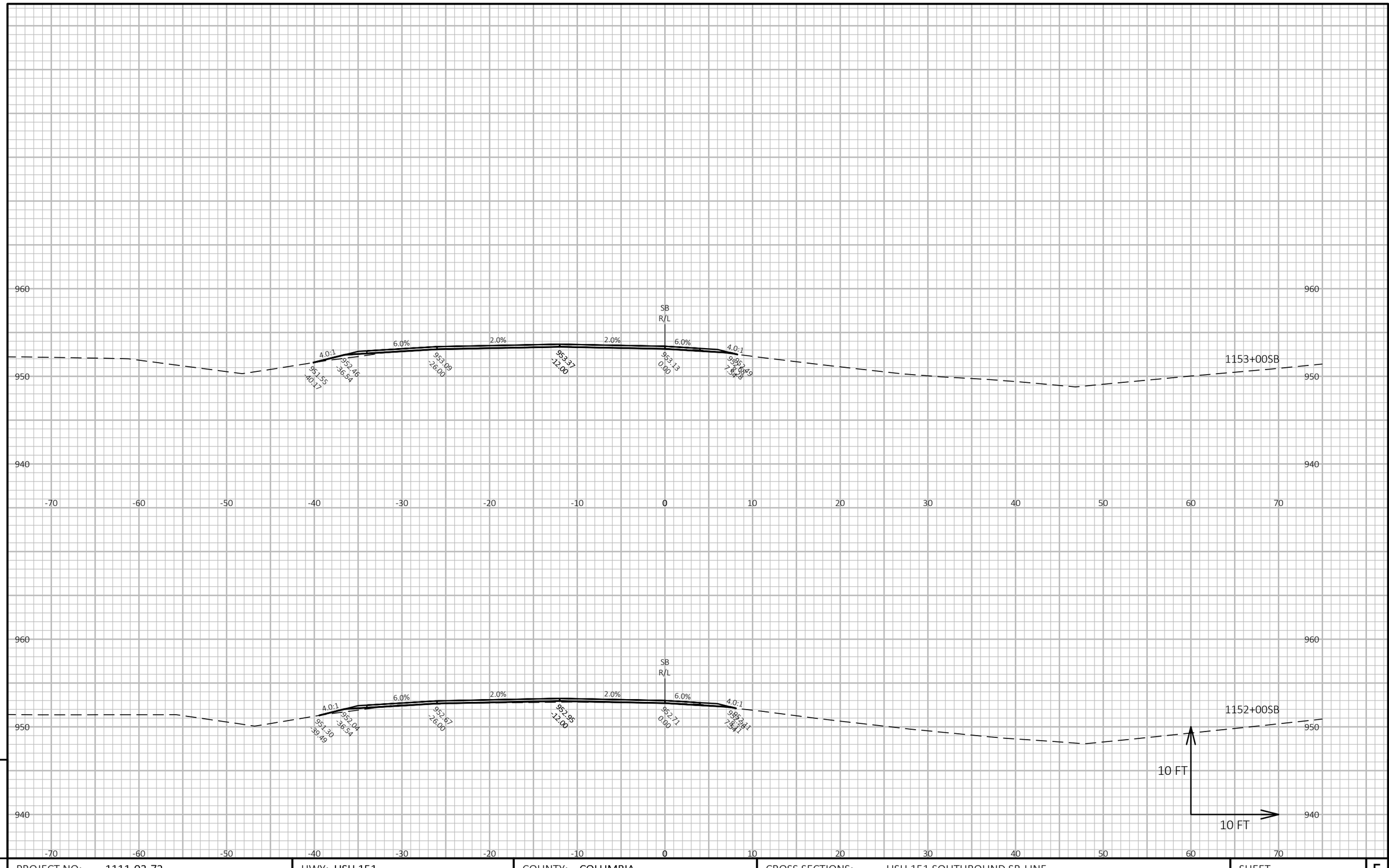
PLOT DATE : 4/11/2018 2:48 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 787	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
LAYOUT NAME - 090220_xs-SB

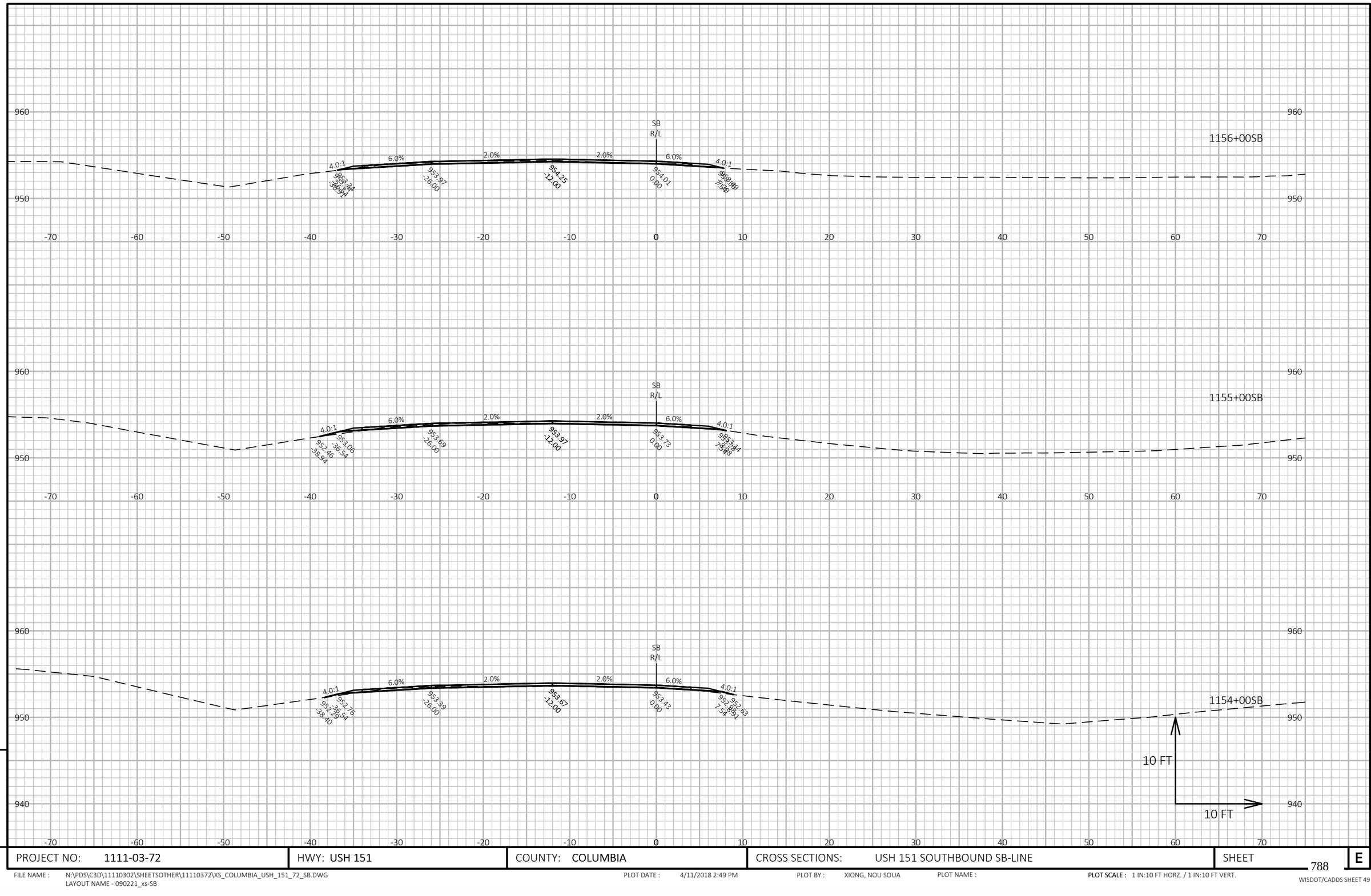
PLOT DATE : 4/11/2018 2:49 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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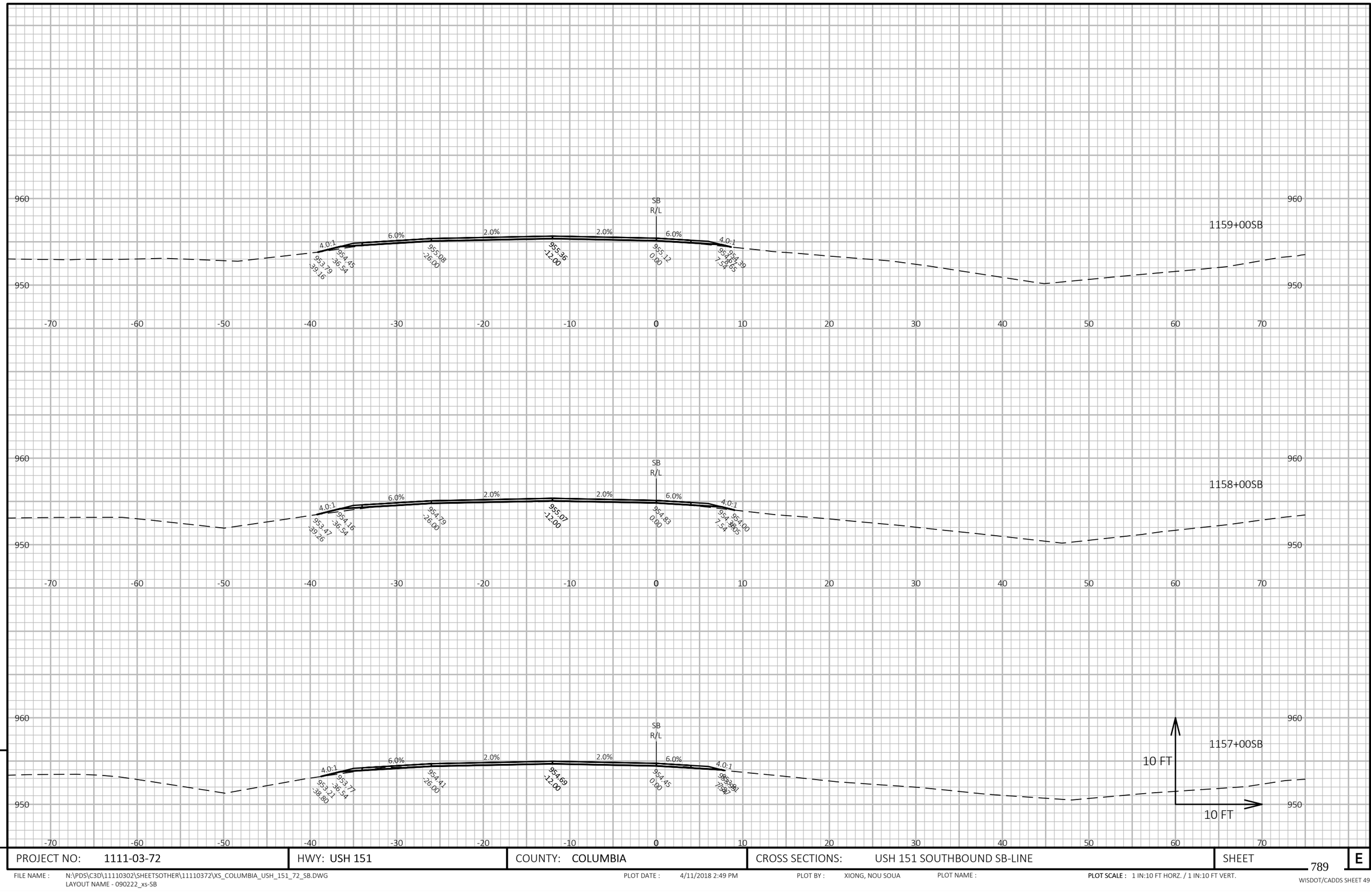
PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 788	E

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FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
LAYOUT NAME - 090221_xs-SB

PLOT DATE : 4/11/2018 2:49 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

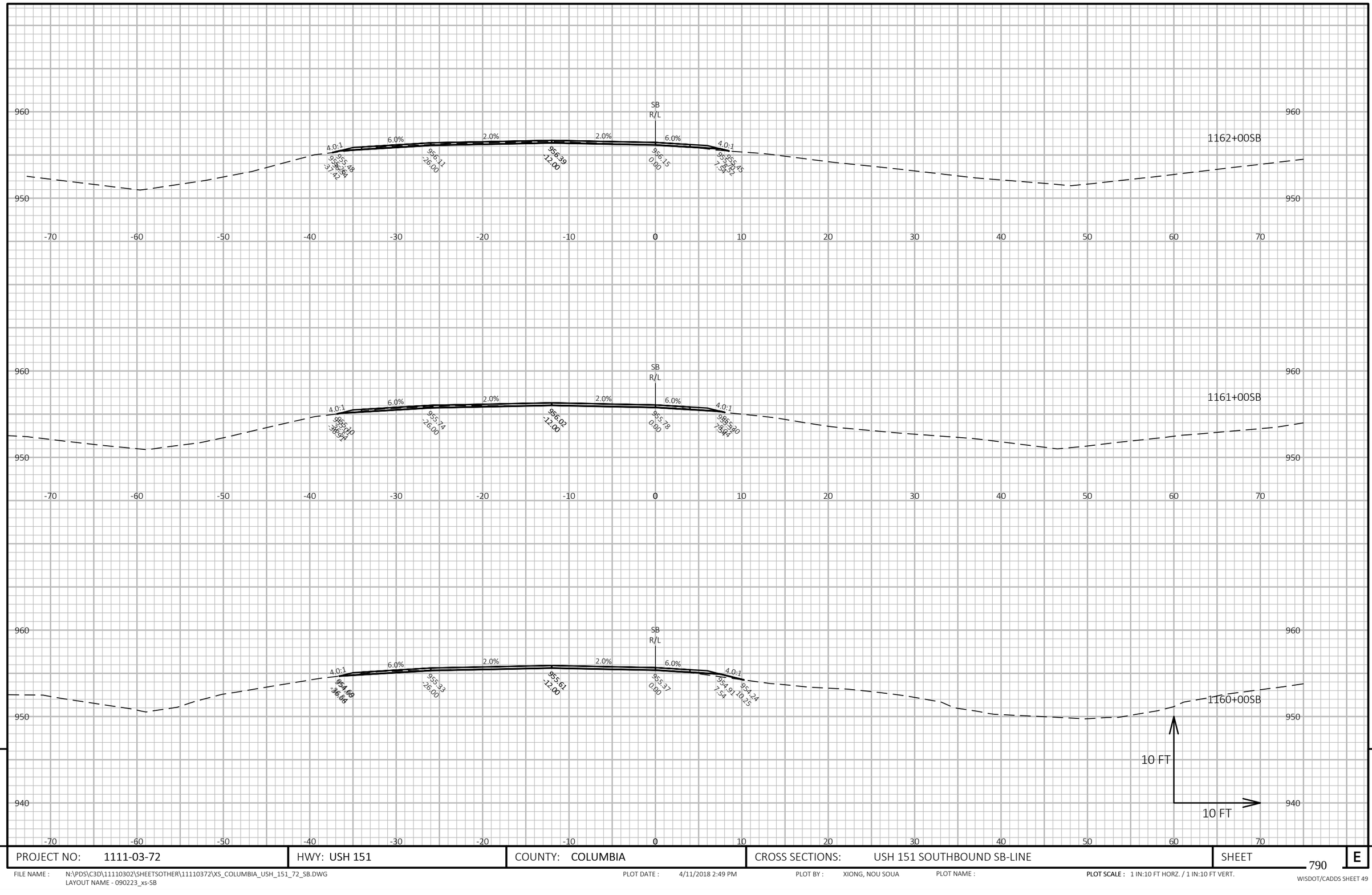


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 789	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
LAYOUT NAME - 090222_xs-SB

PLOT DATE : 4/11/2018 2:49 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

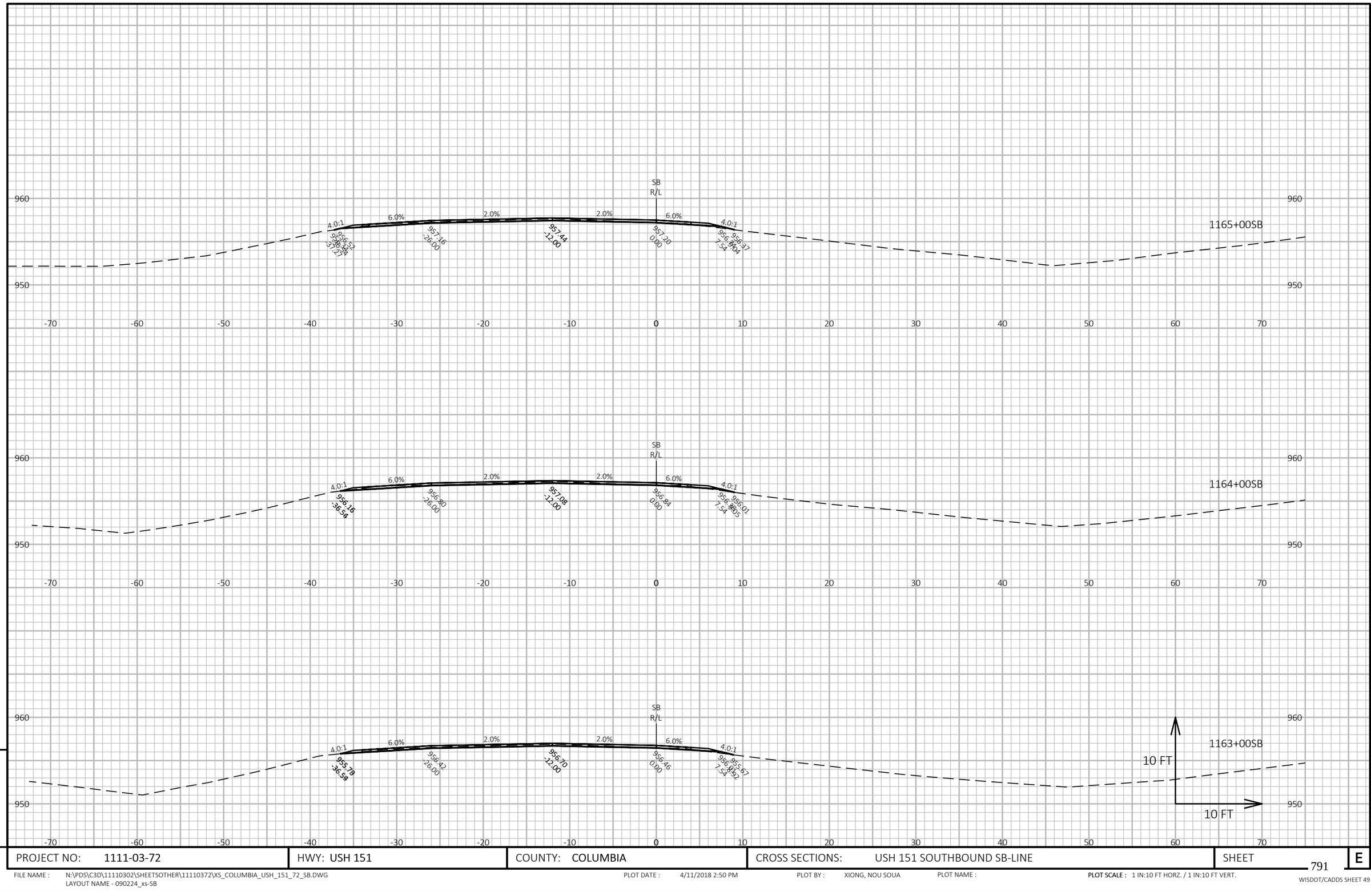


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 790 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
LAYOUT NAME - 090223_xs-SB

PLOT DATE : 4/11/2018 2:49 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 791	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
LAYOUT NAME - 090224_xs-SB

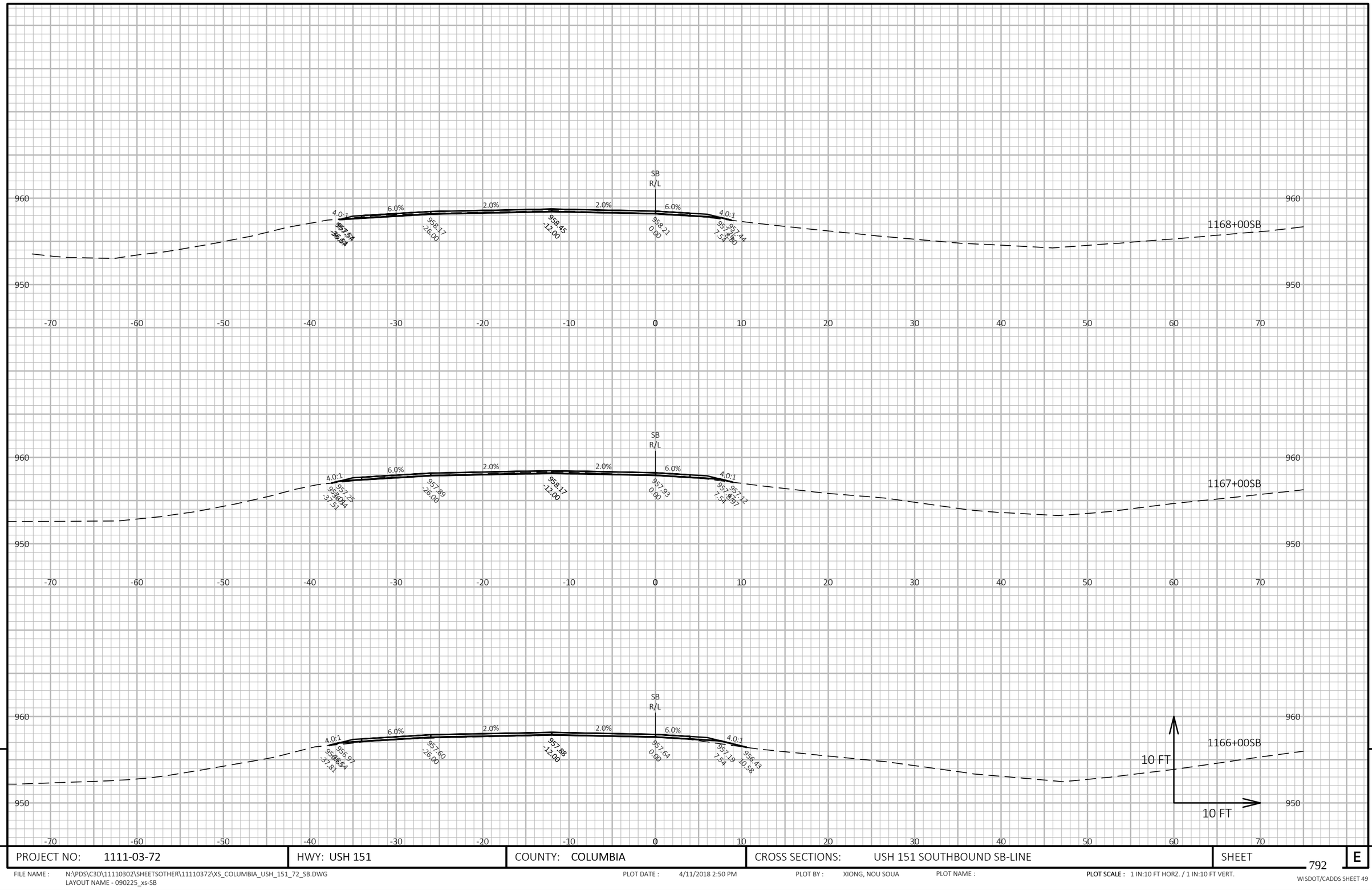
PLOT DATE : 4/11/2018 2:50 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

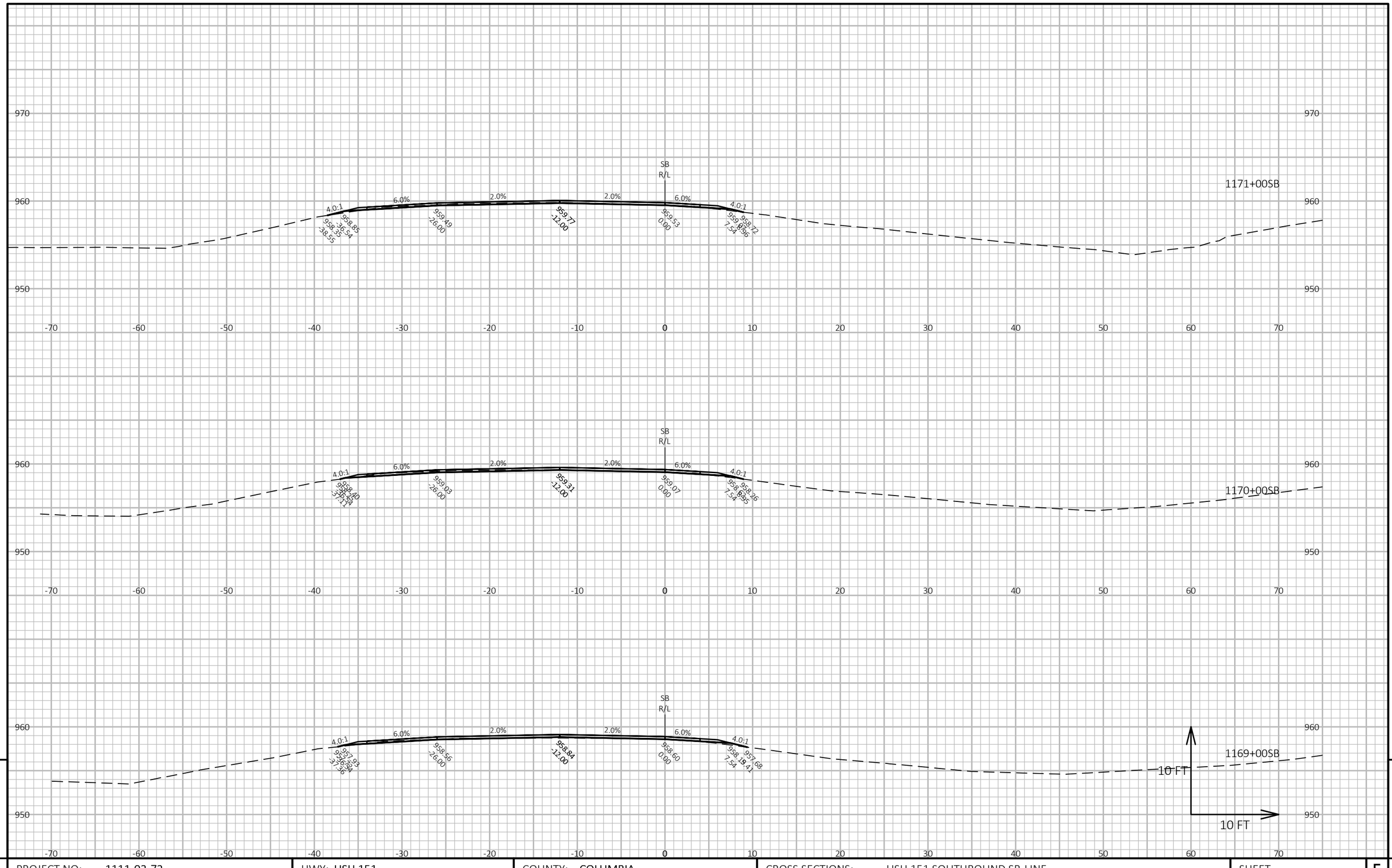


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 792 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
LAYOUT NAME - 090225_xs-SB

PLOT DATE : 4/11/2018 2:50 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 793	E

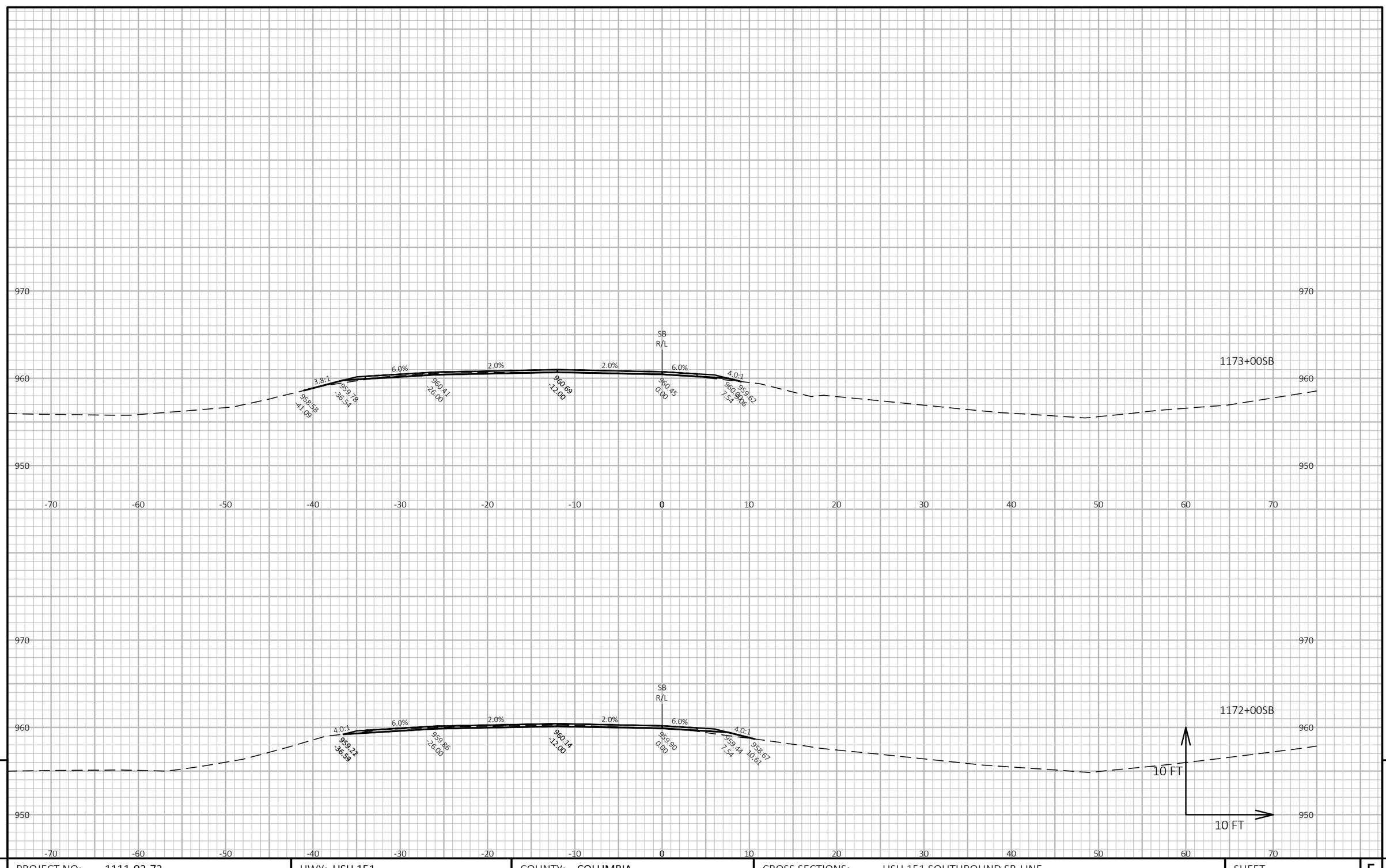
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LAYOUT NAME - 090226_xs-SB

PLOT DATE : 4/11/2018 2:50 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

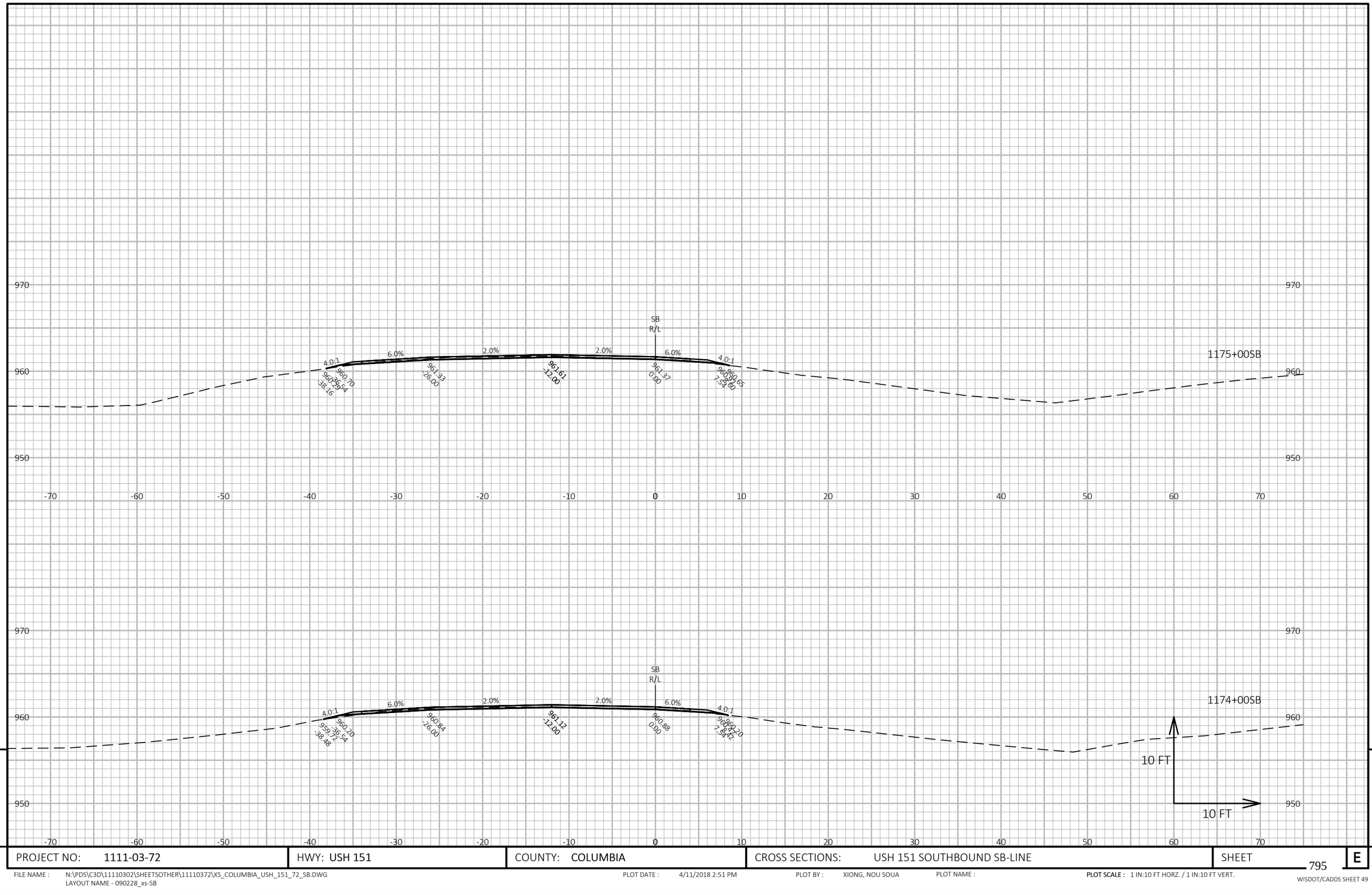


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 794 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
LAYOUT NAME - 090227_xs-SB

PLOT DATE : 4/11/2018 2:51 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 795	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
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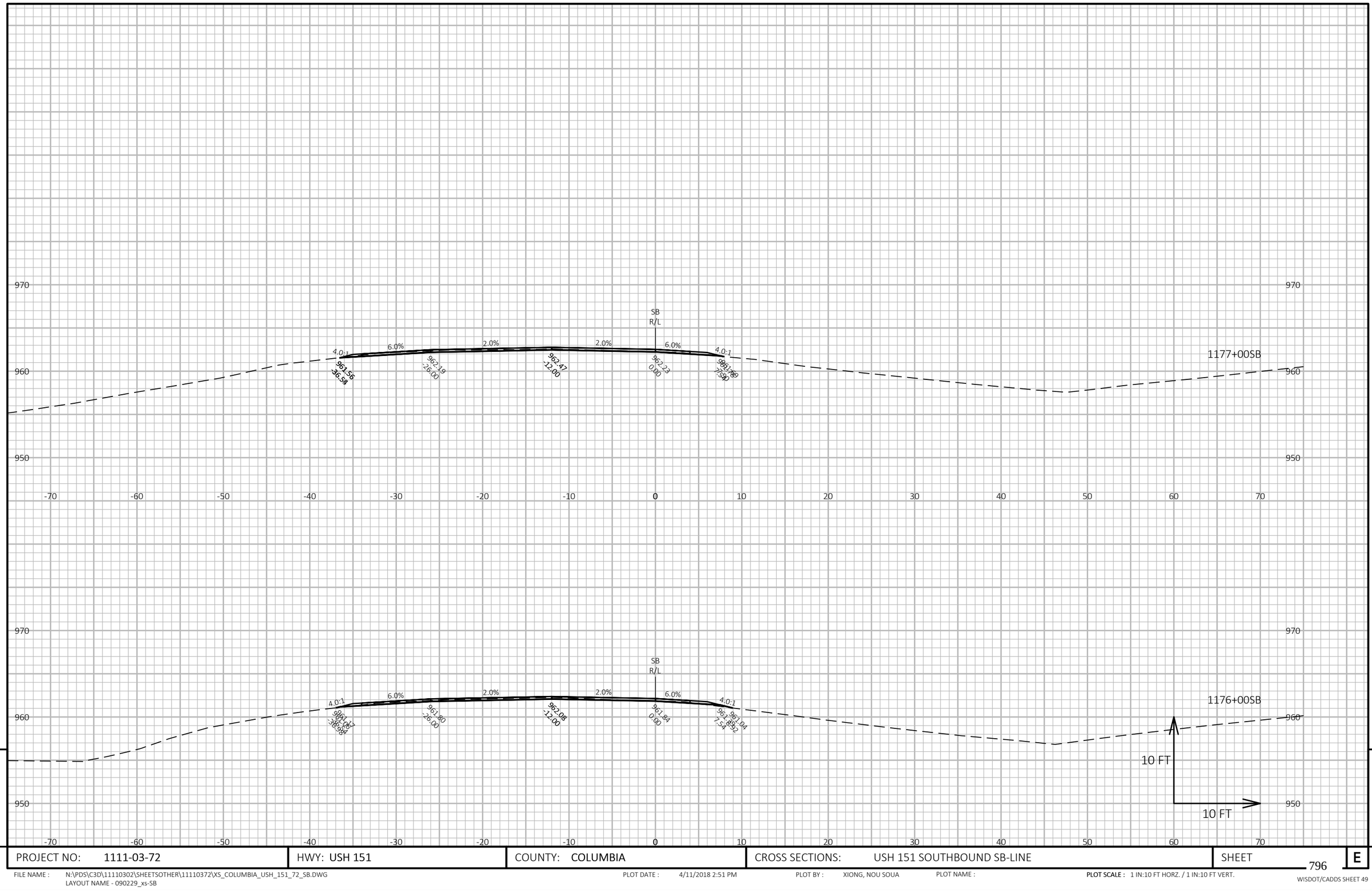
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PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 796	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
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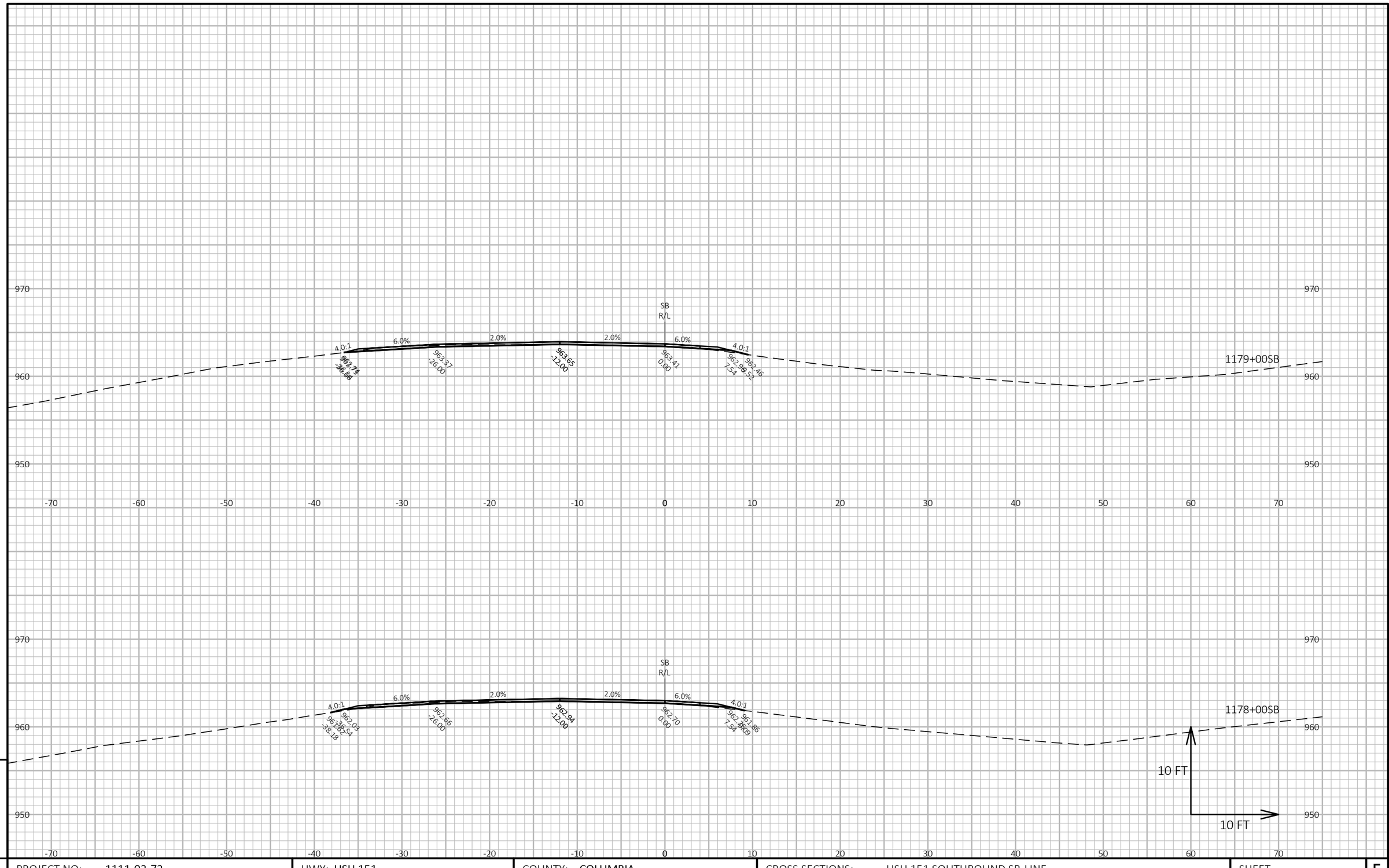
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PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 797	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
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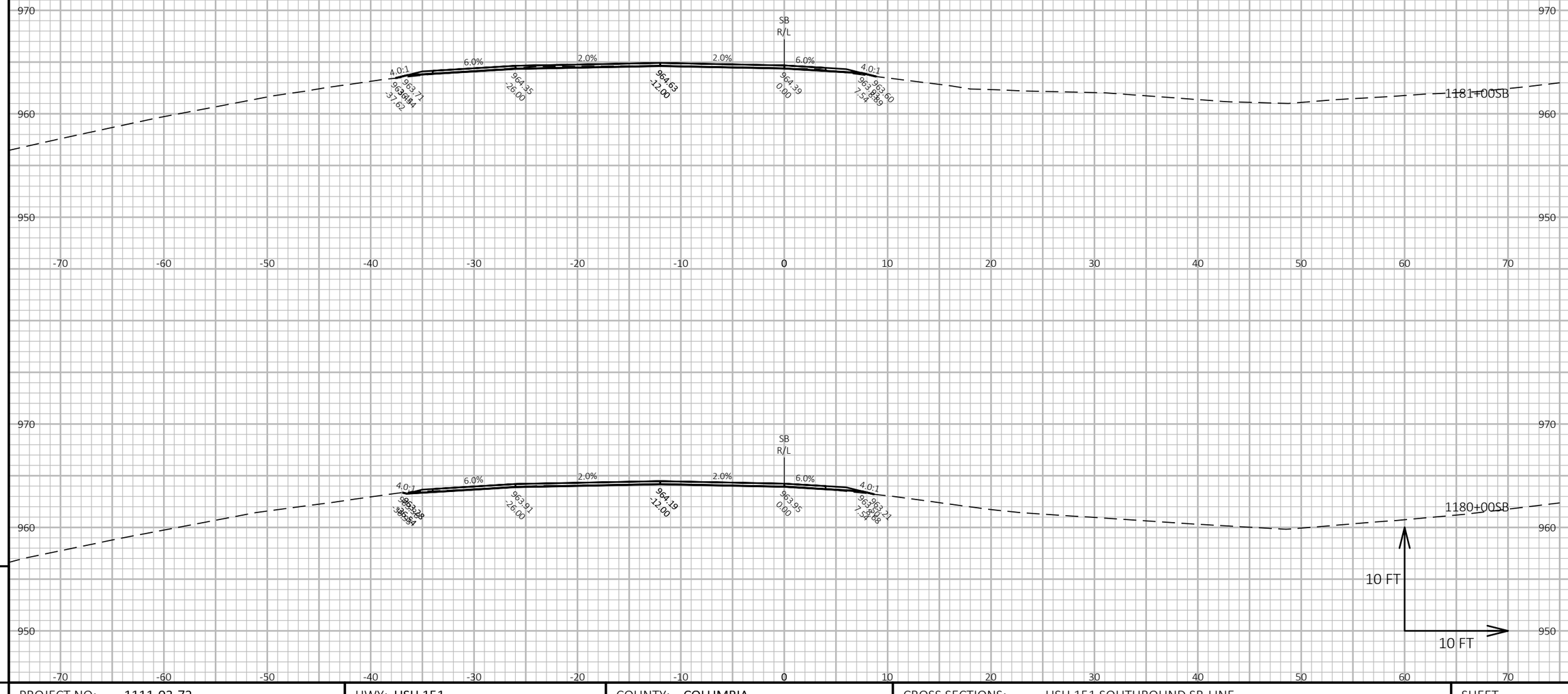
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PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 798	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
LAYOUT NAME - 090231_xs-SB

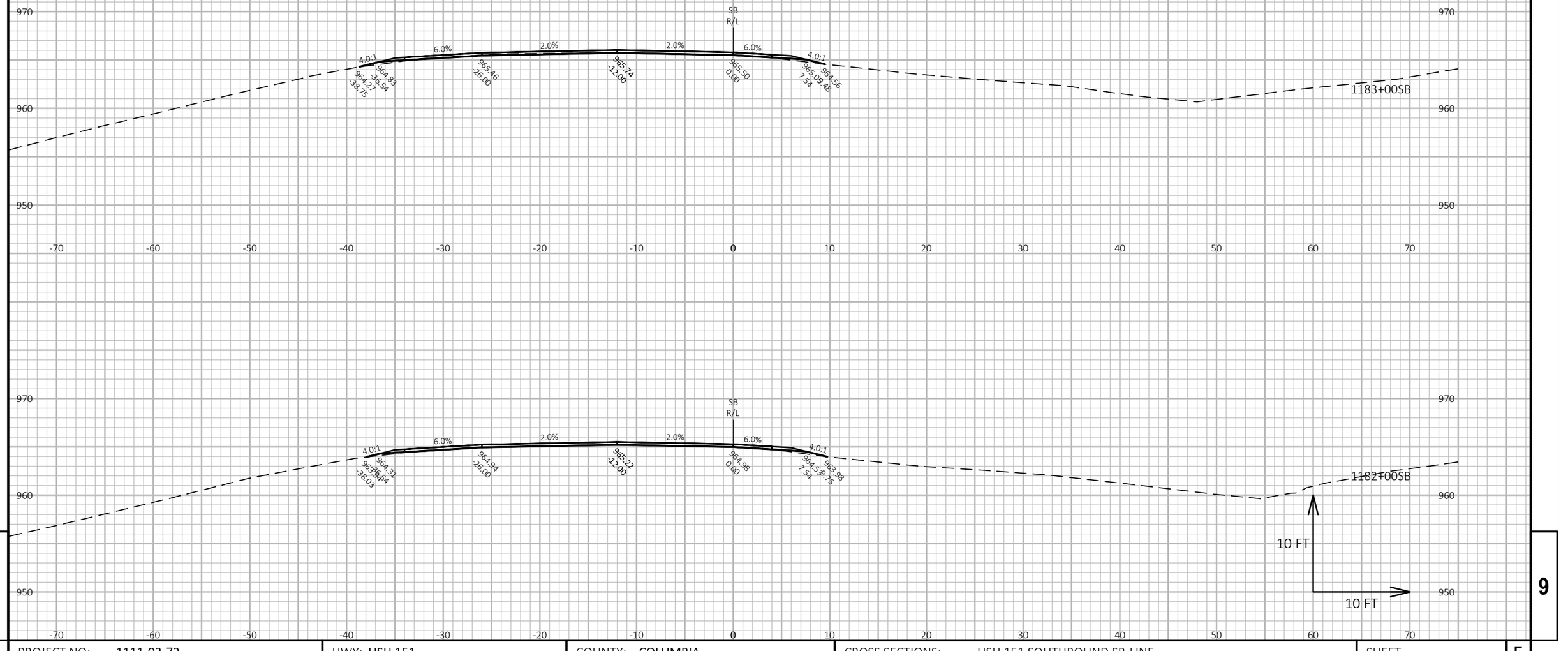
PLOT DATE : 4/11/2018 2:52 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 799	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
LAYOUT NAME - 090232_xs-SB

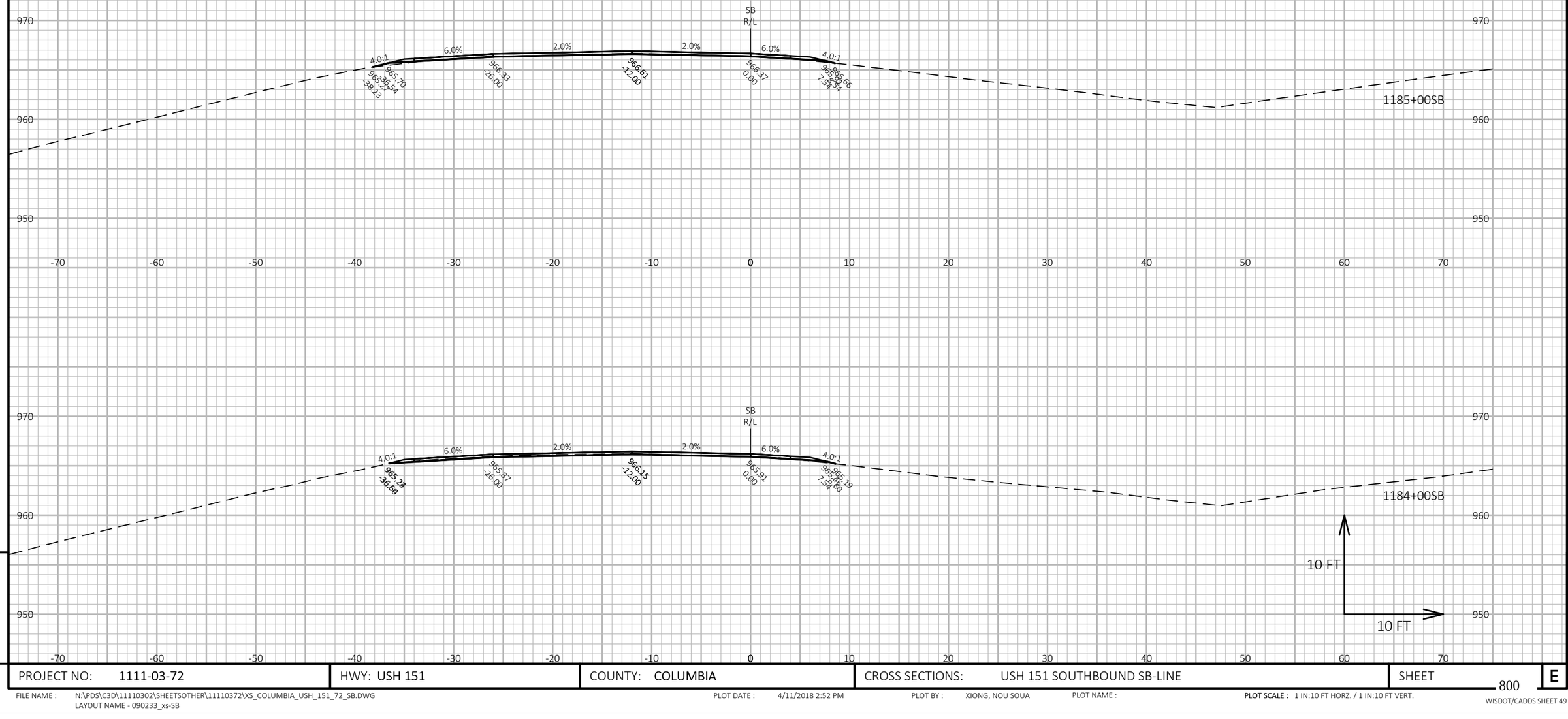
PLOT DATE : 4/11/2018 2:52 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

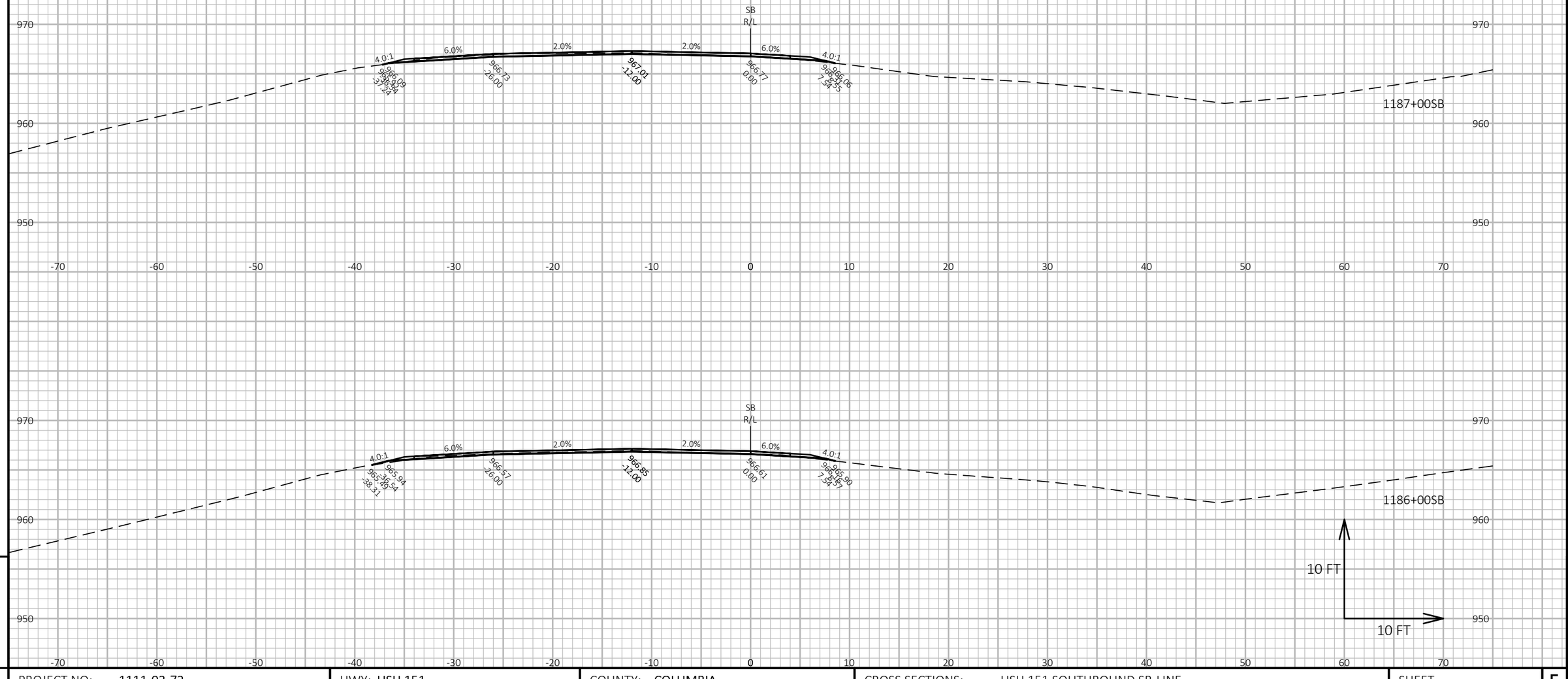


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 800 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
LAYOUT NAME - 090233_xs-SB

PLOT DATE : 4/11/2018 2:52 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 801	E

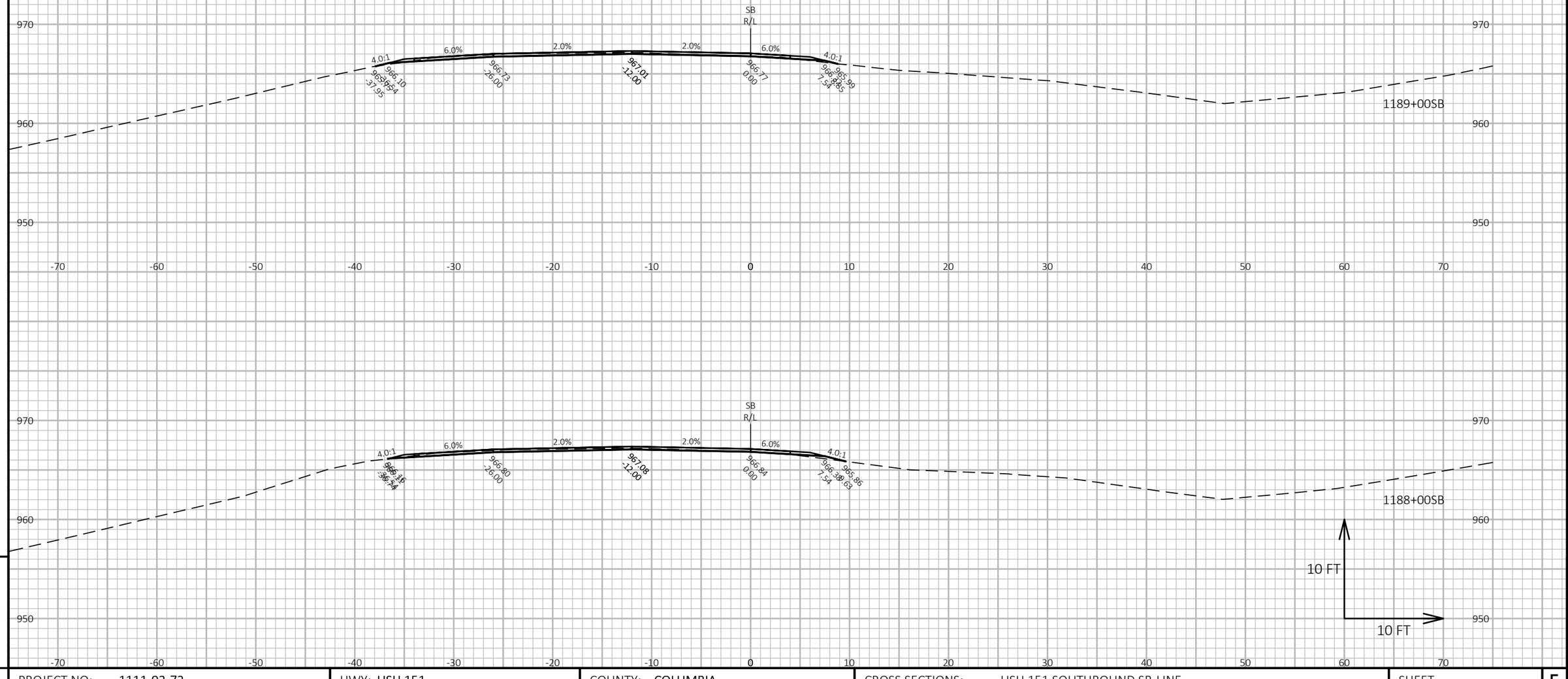
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LAYOUT NAME - 090234_xs-SB

PLOT DATE : 4/11/2018 2:53 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 802	E

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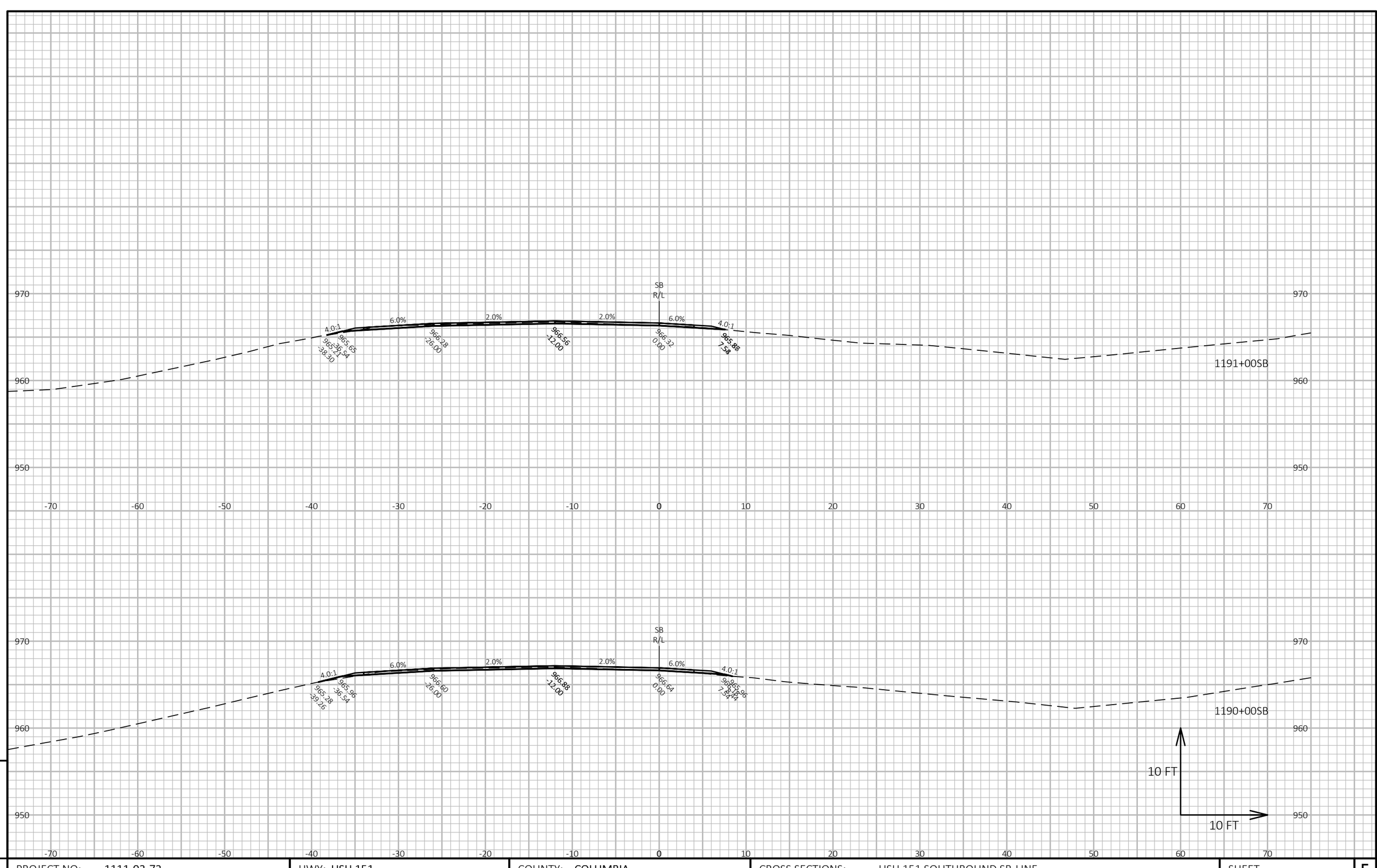
PLOT DATE : 4/11/2018 2:53 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 803	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
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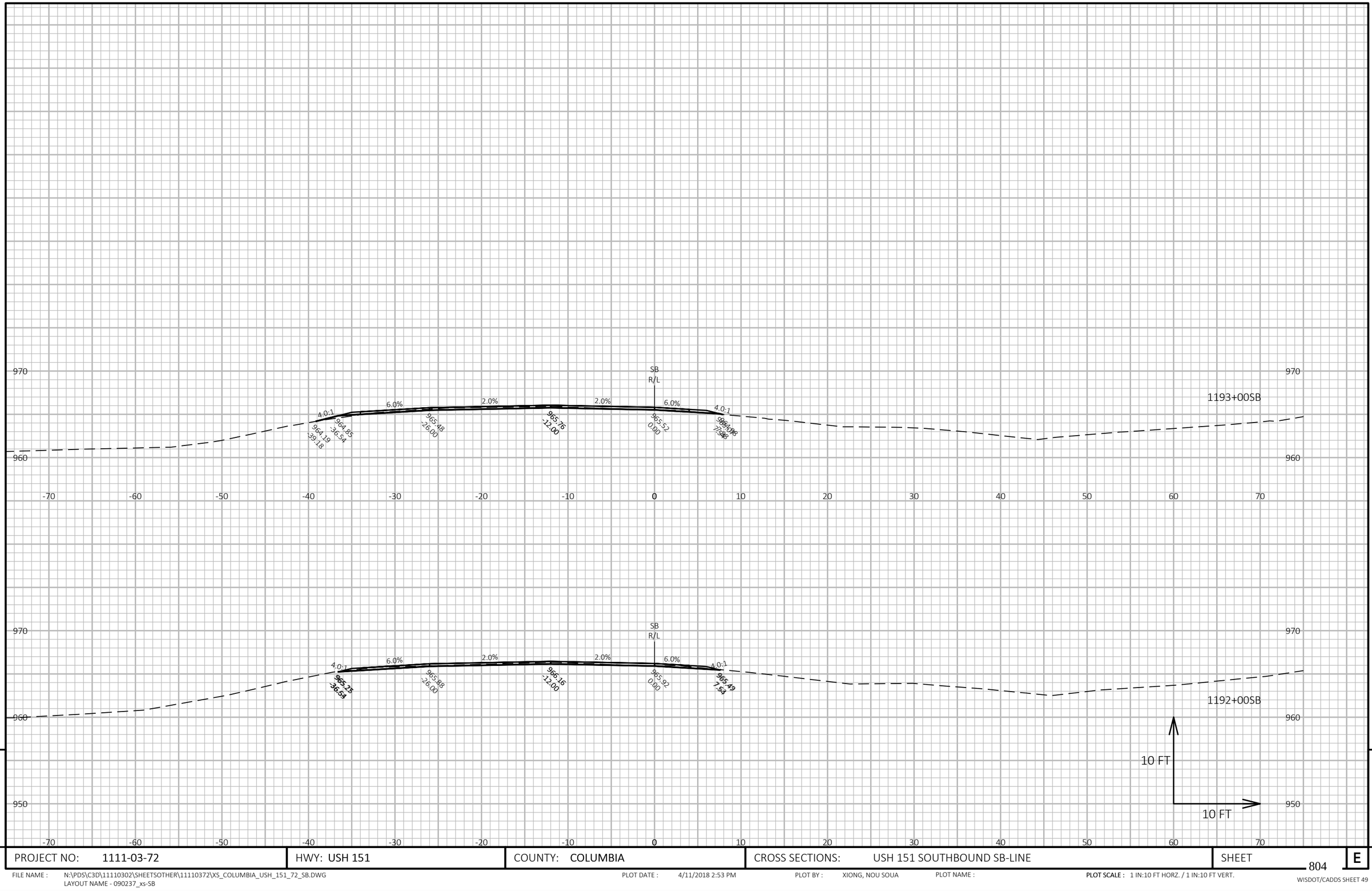
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PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

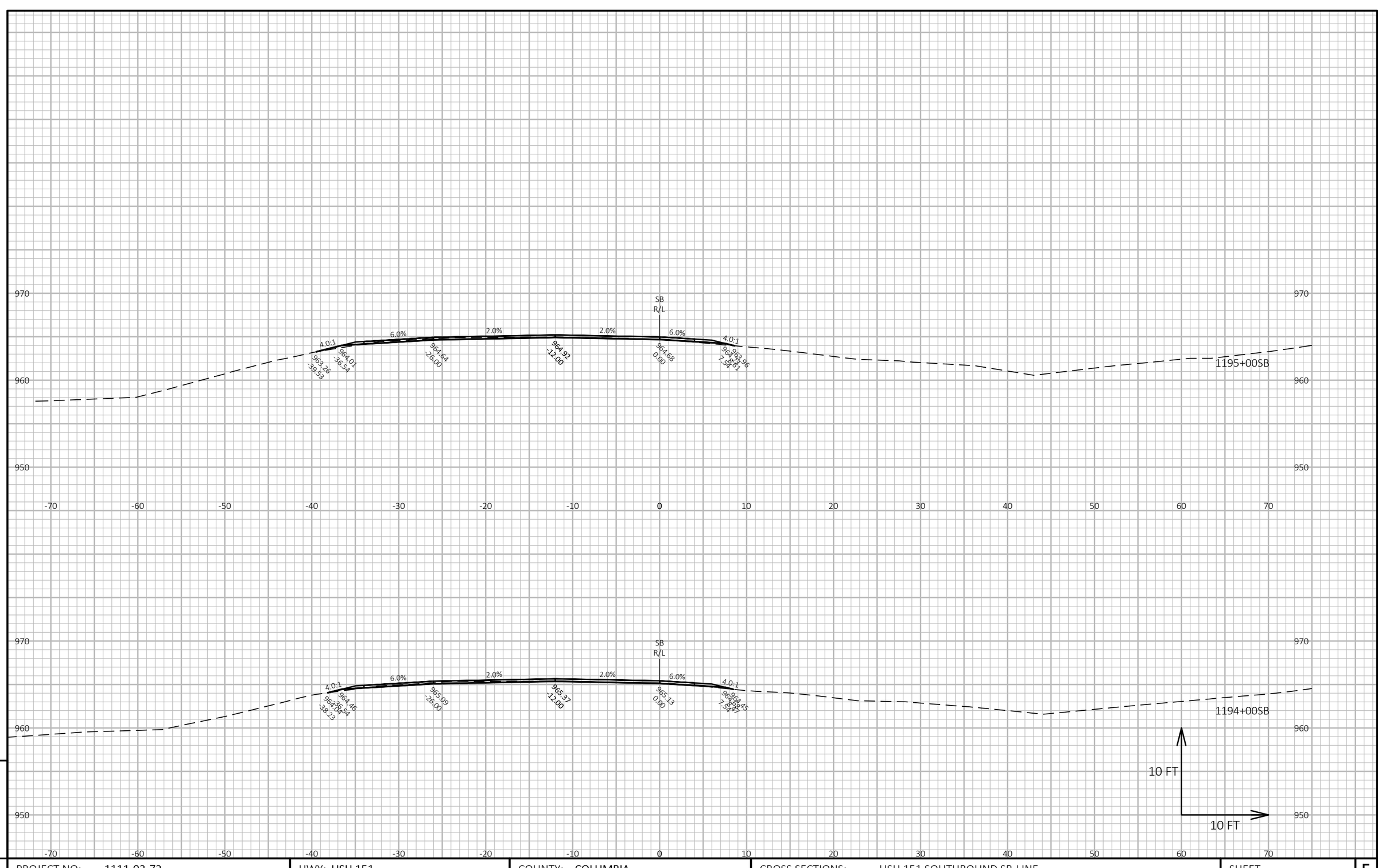


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 804	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
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PLOT DATE : 4/11/2018 2:53 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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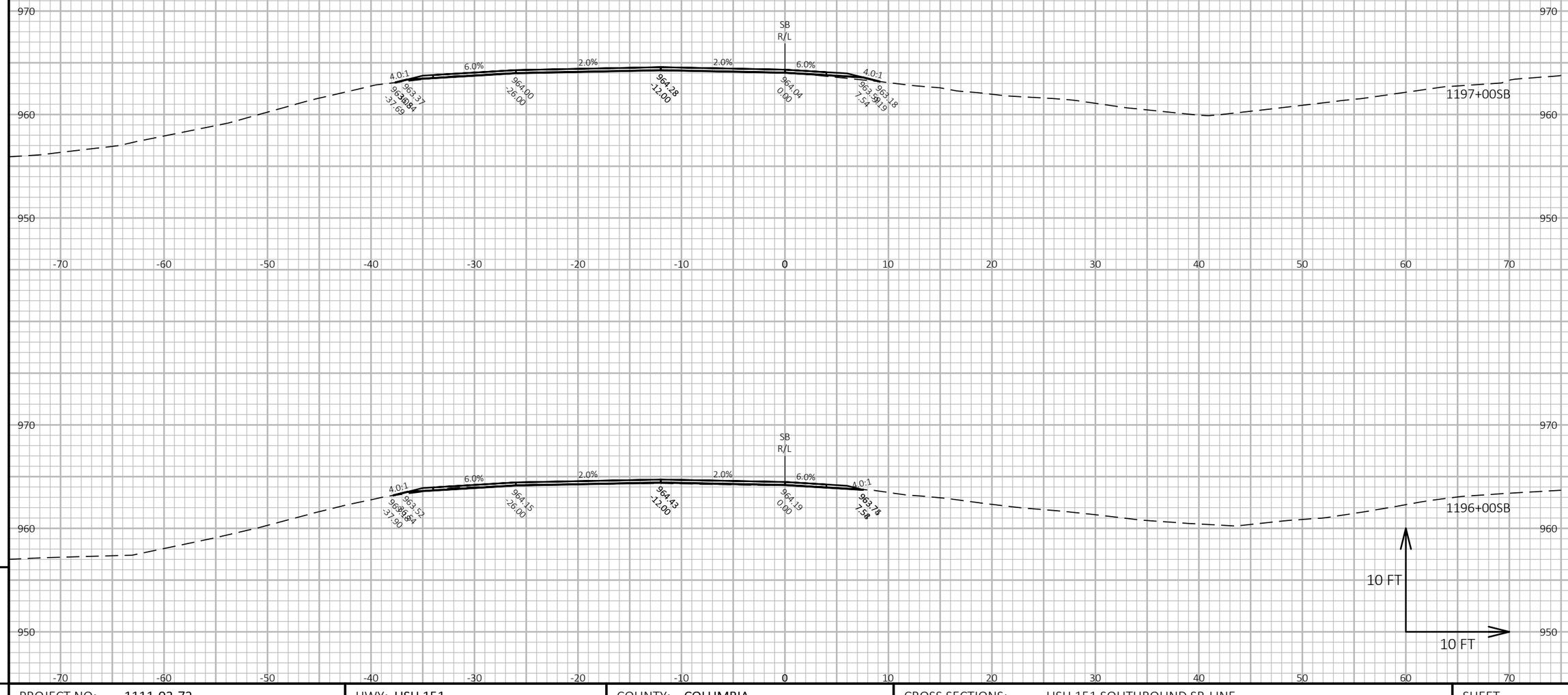
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WISDOT/CADDS SHEET 49



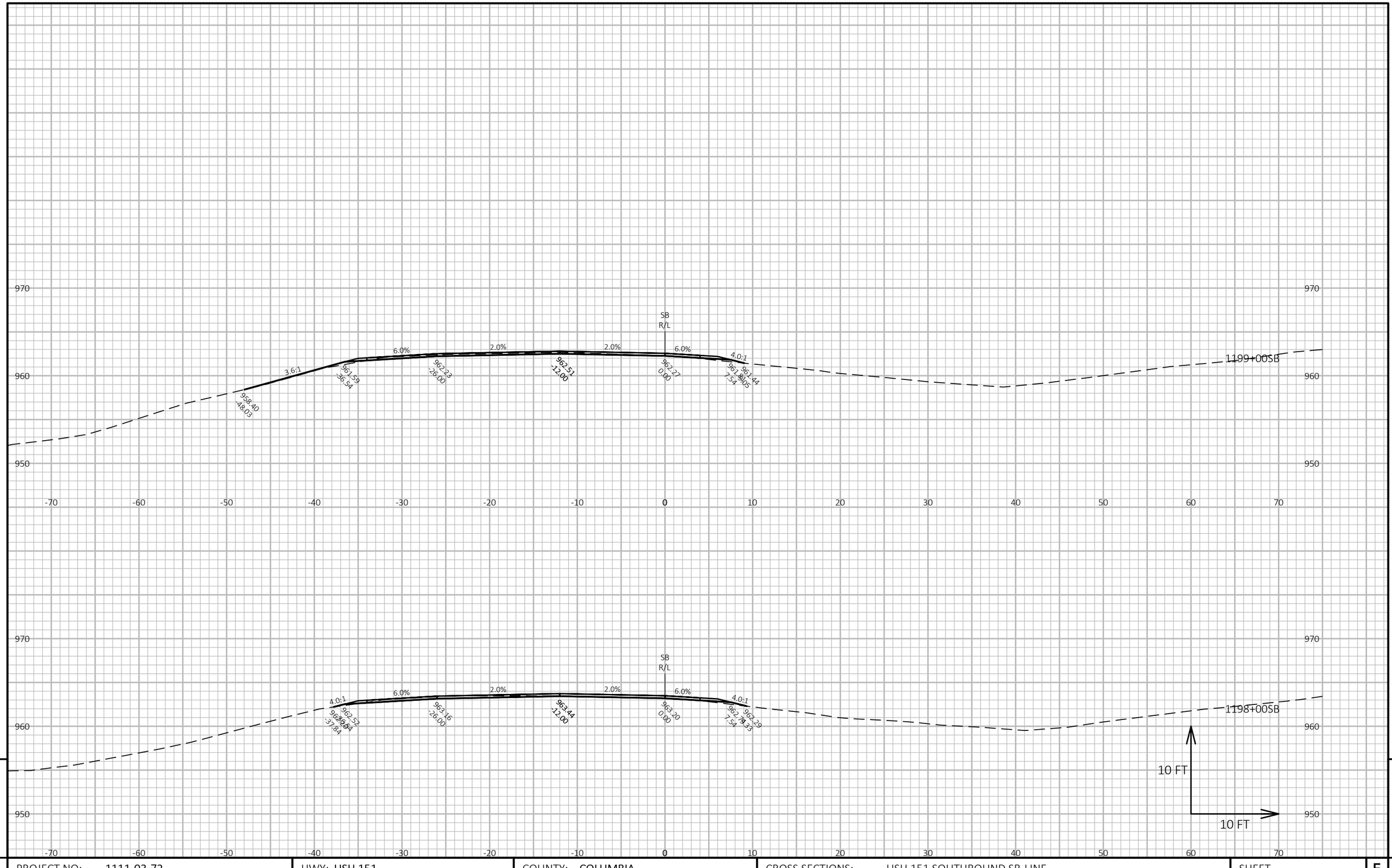
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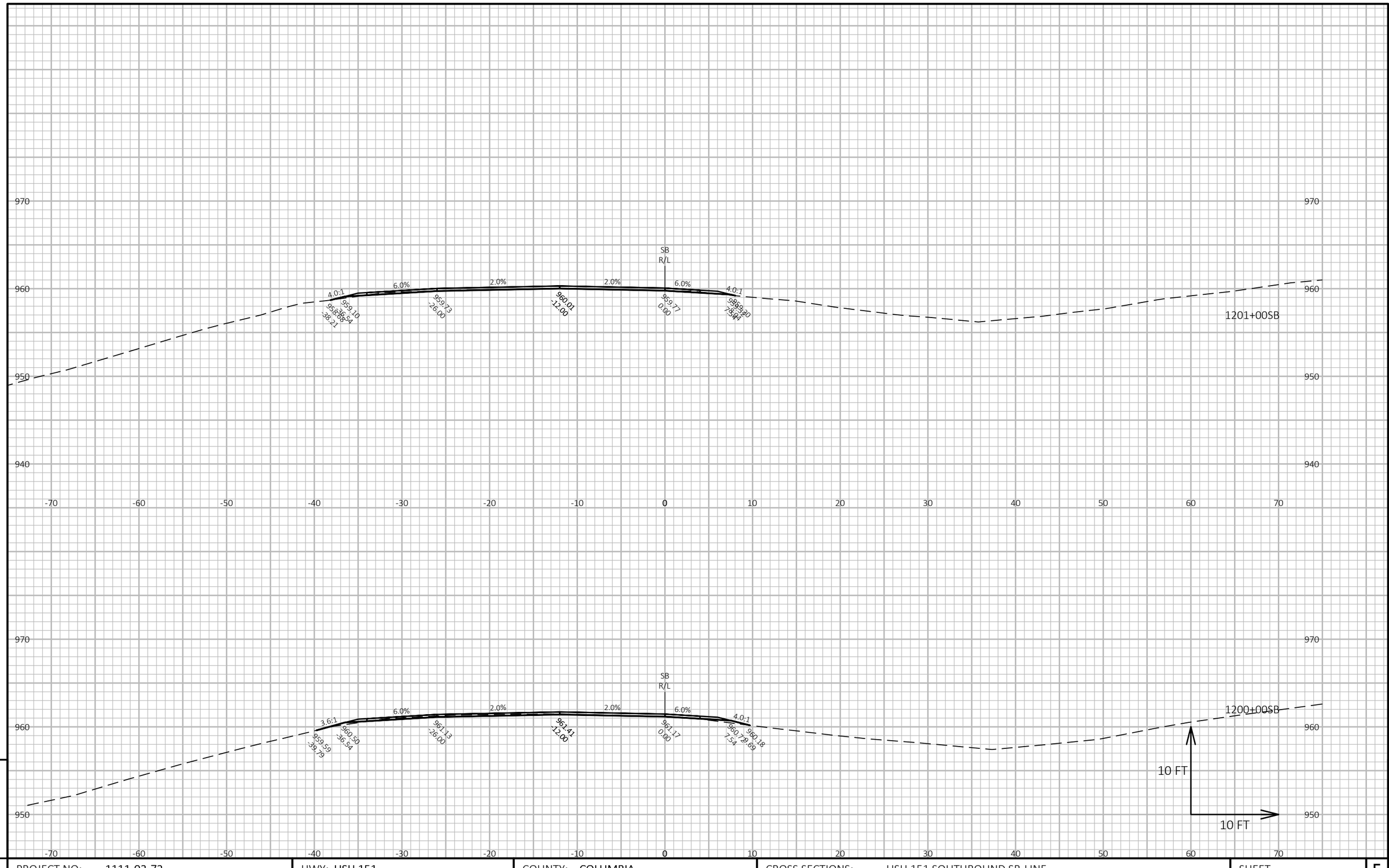
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FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
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PLOT DATE : 4/11/2018 2:54 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 808	E

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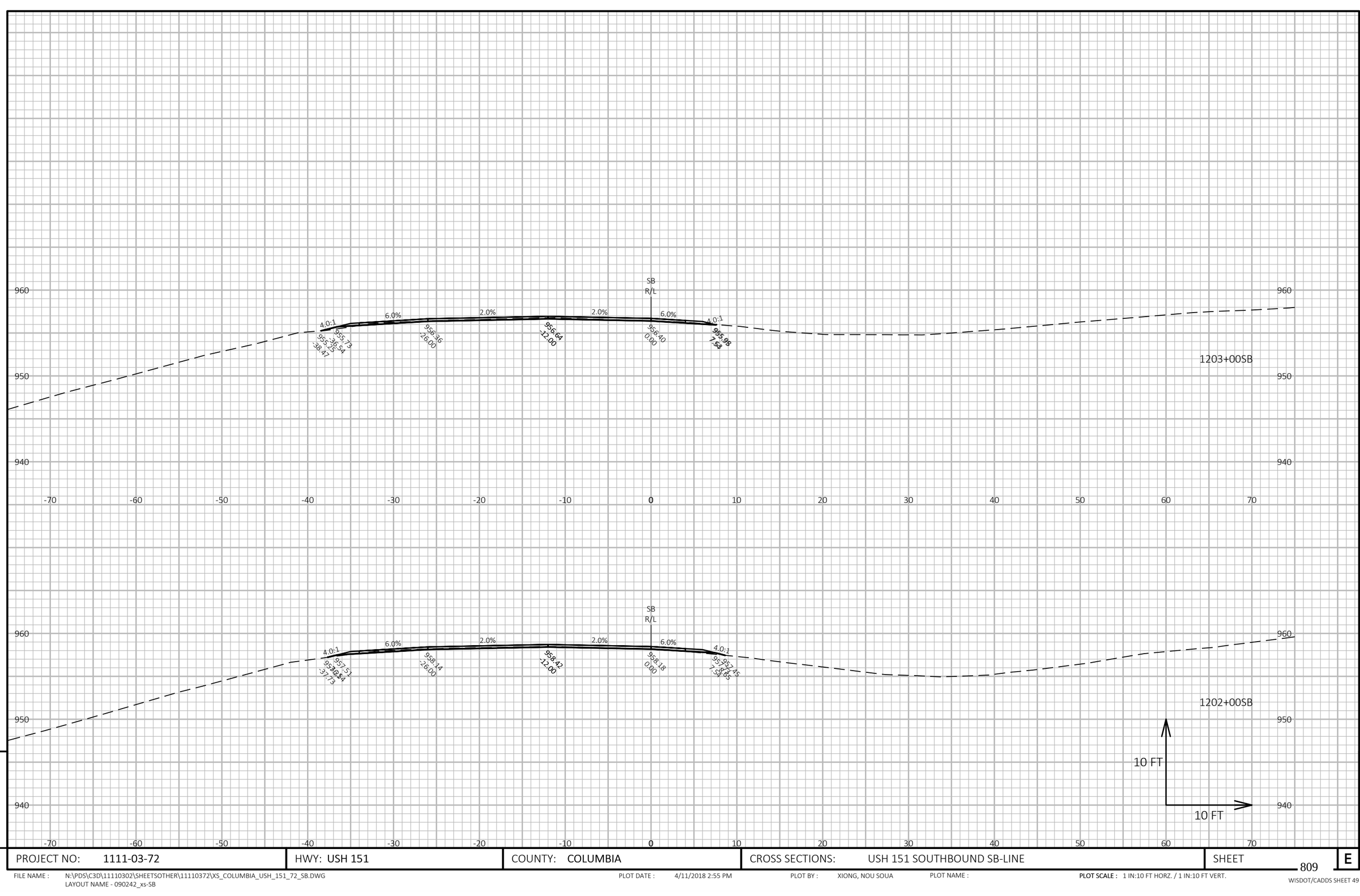
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PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 809	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
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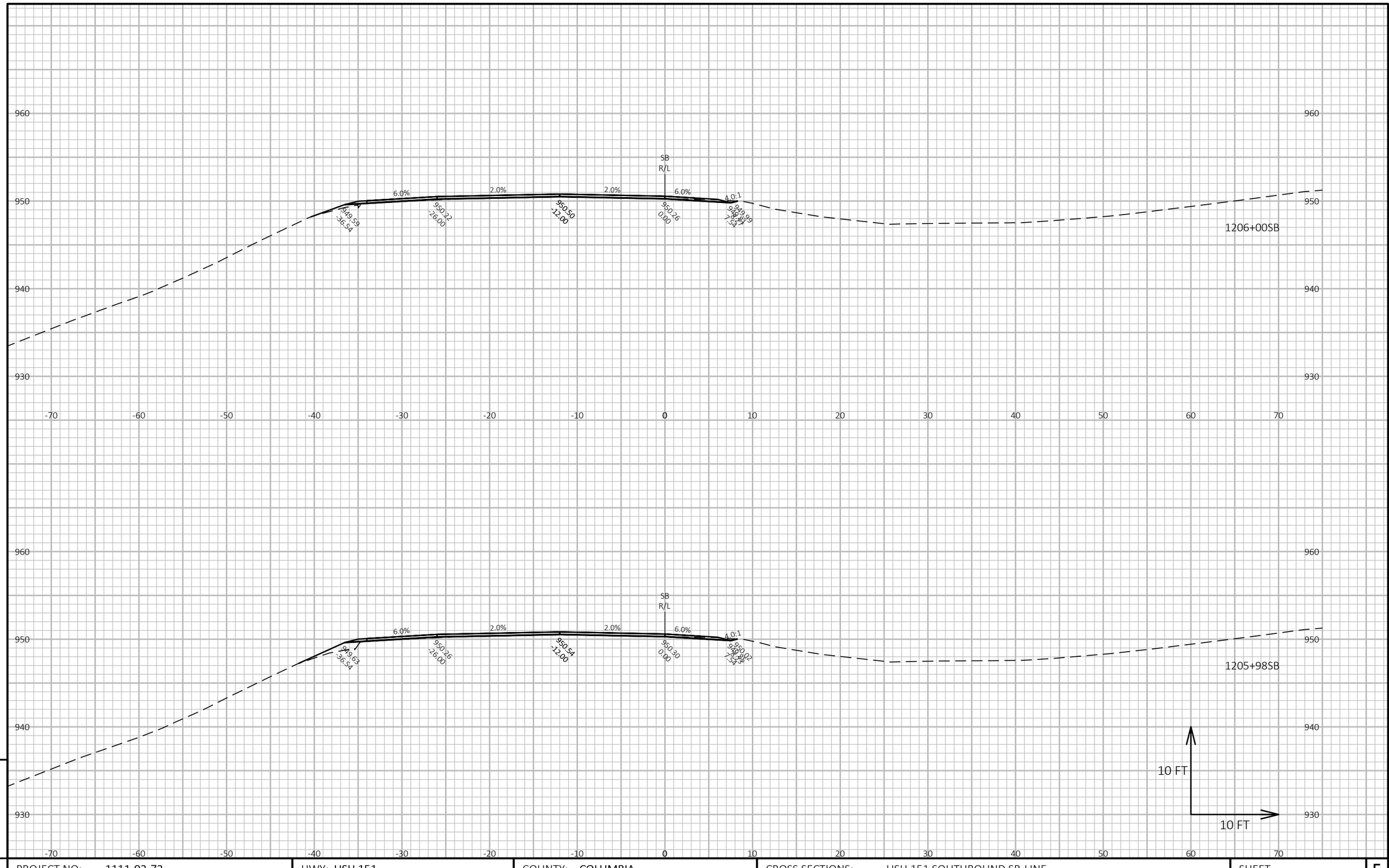
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PLOT NAME :

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WISDOT/CADDS SHEET 49

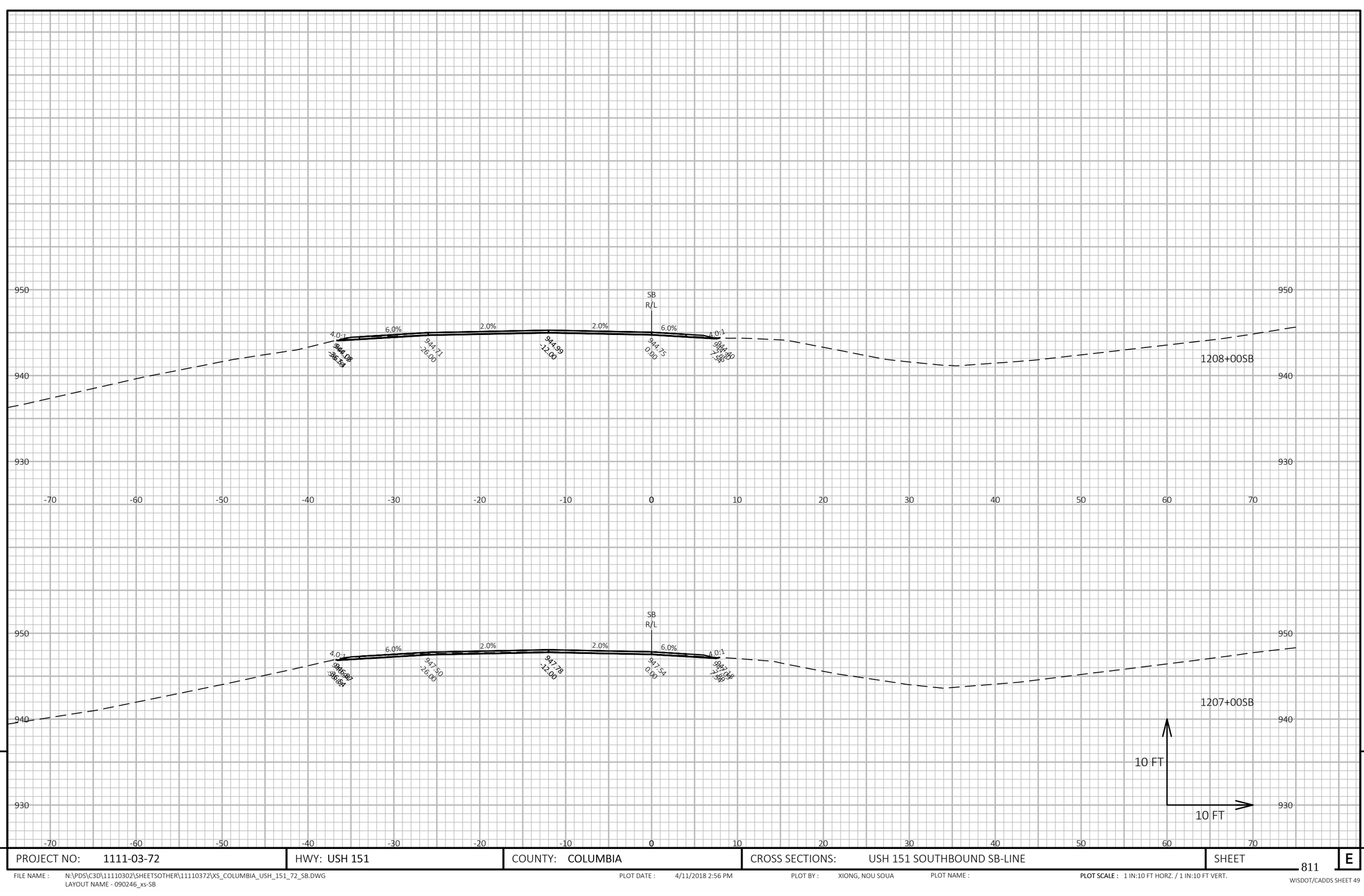


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WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 811	E

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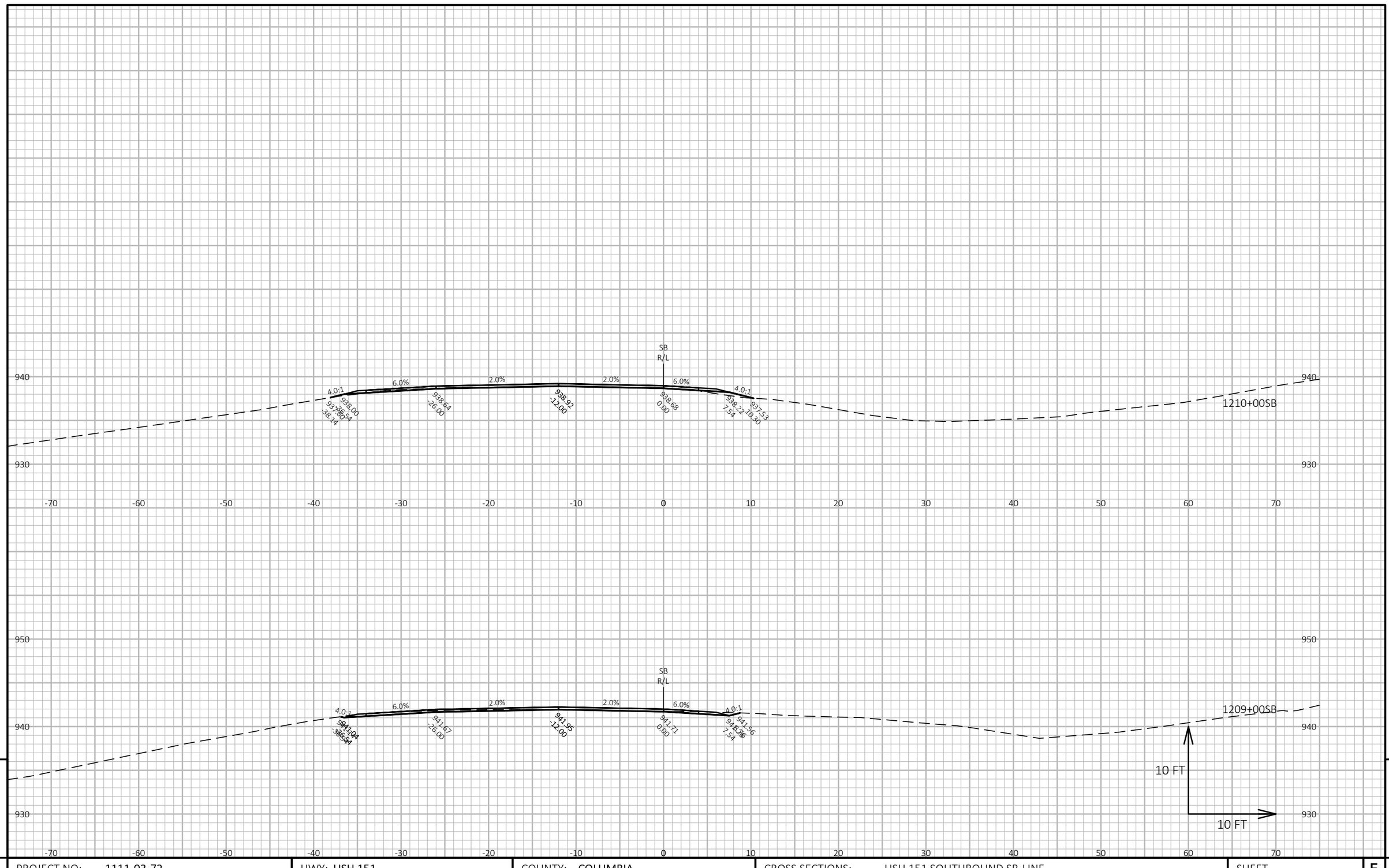
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PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 812	E

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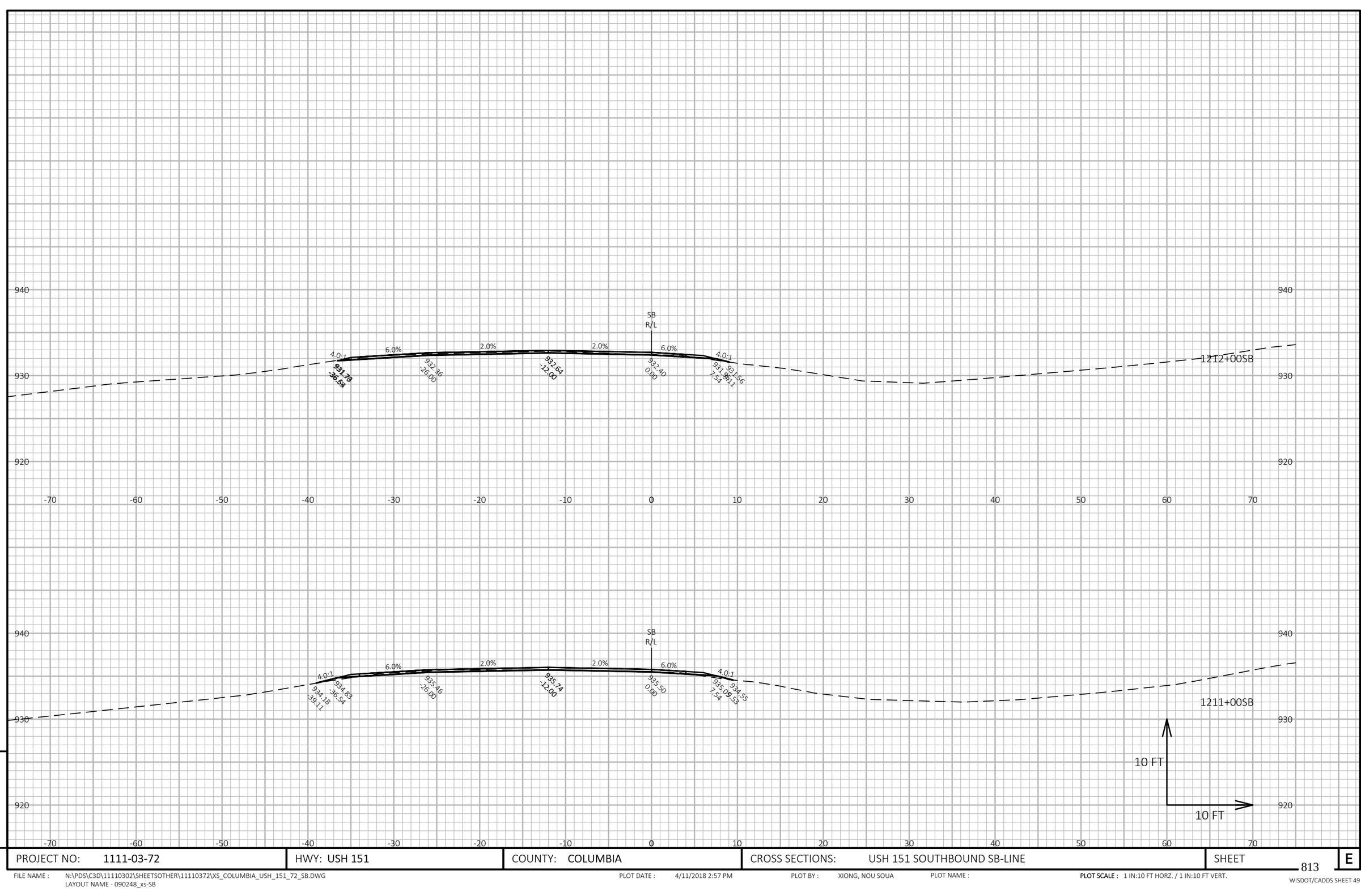
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PLOT BY : XIONG, NOU SOUA

PLOT NAME :

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WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 813	E

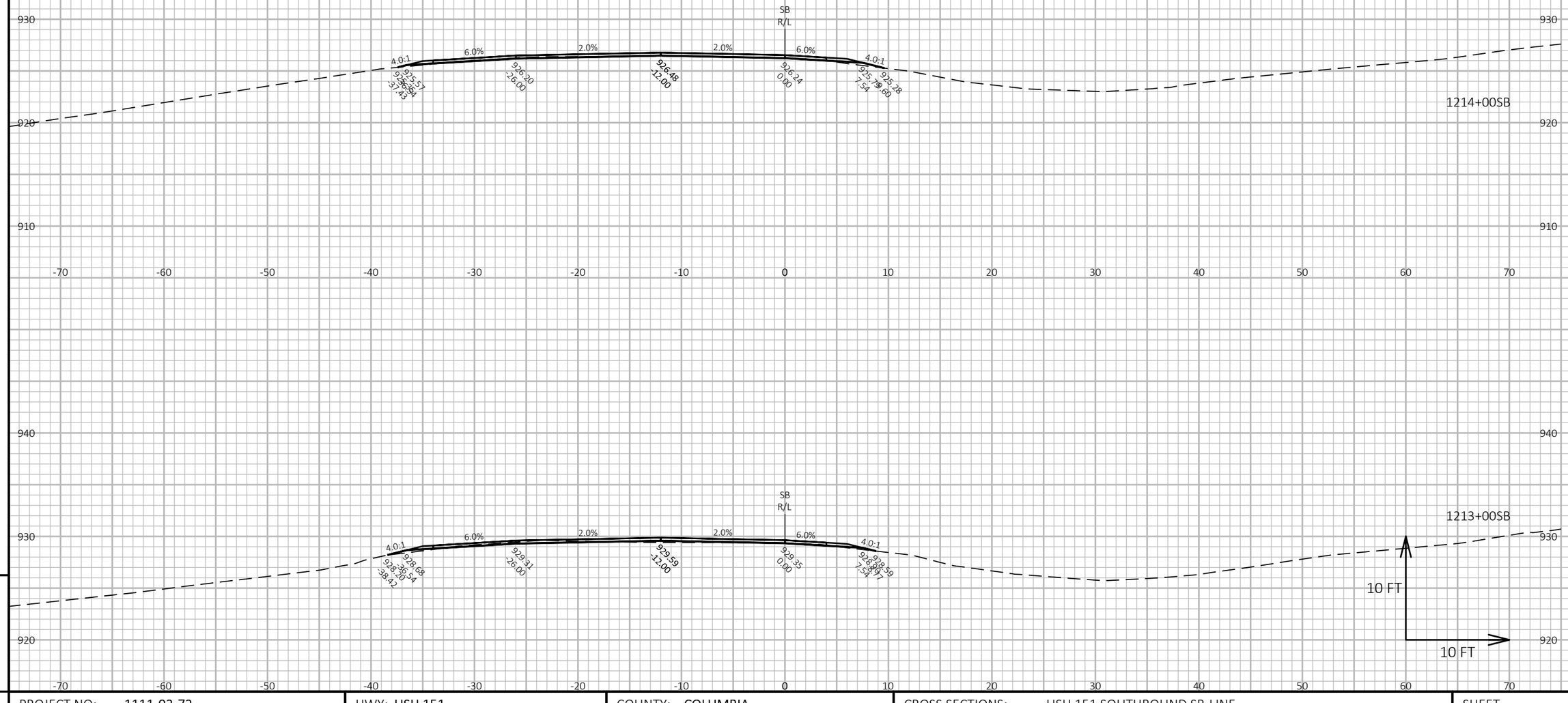
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LAYOUT NAME - 090248_xs-SB

PLOT DATE : 4/11/2018 2:57 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 814	E

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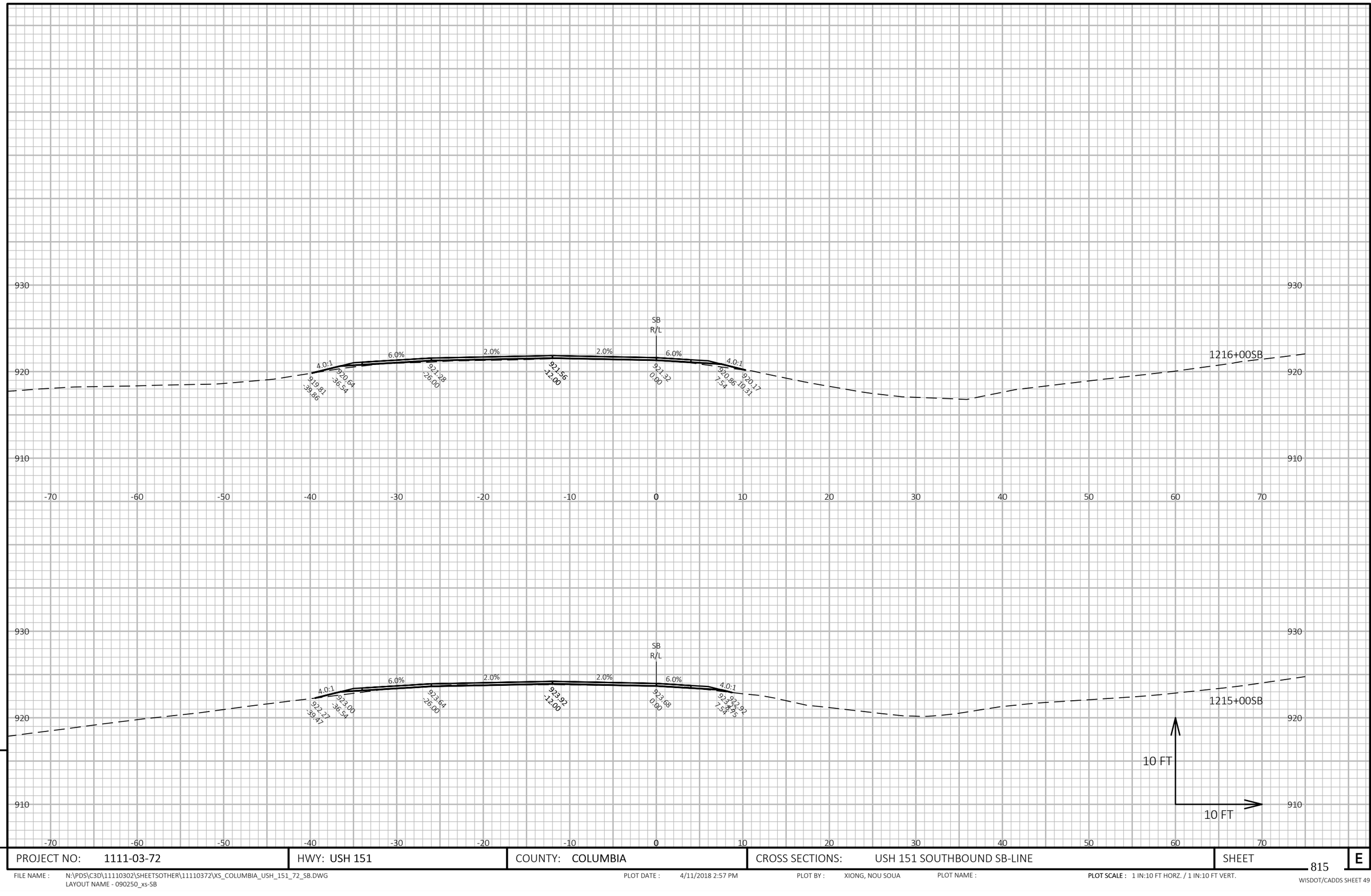
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PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 815	E

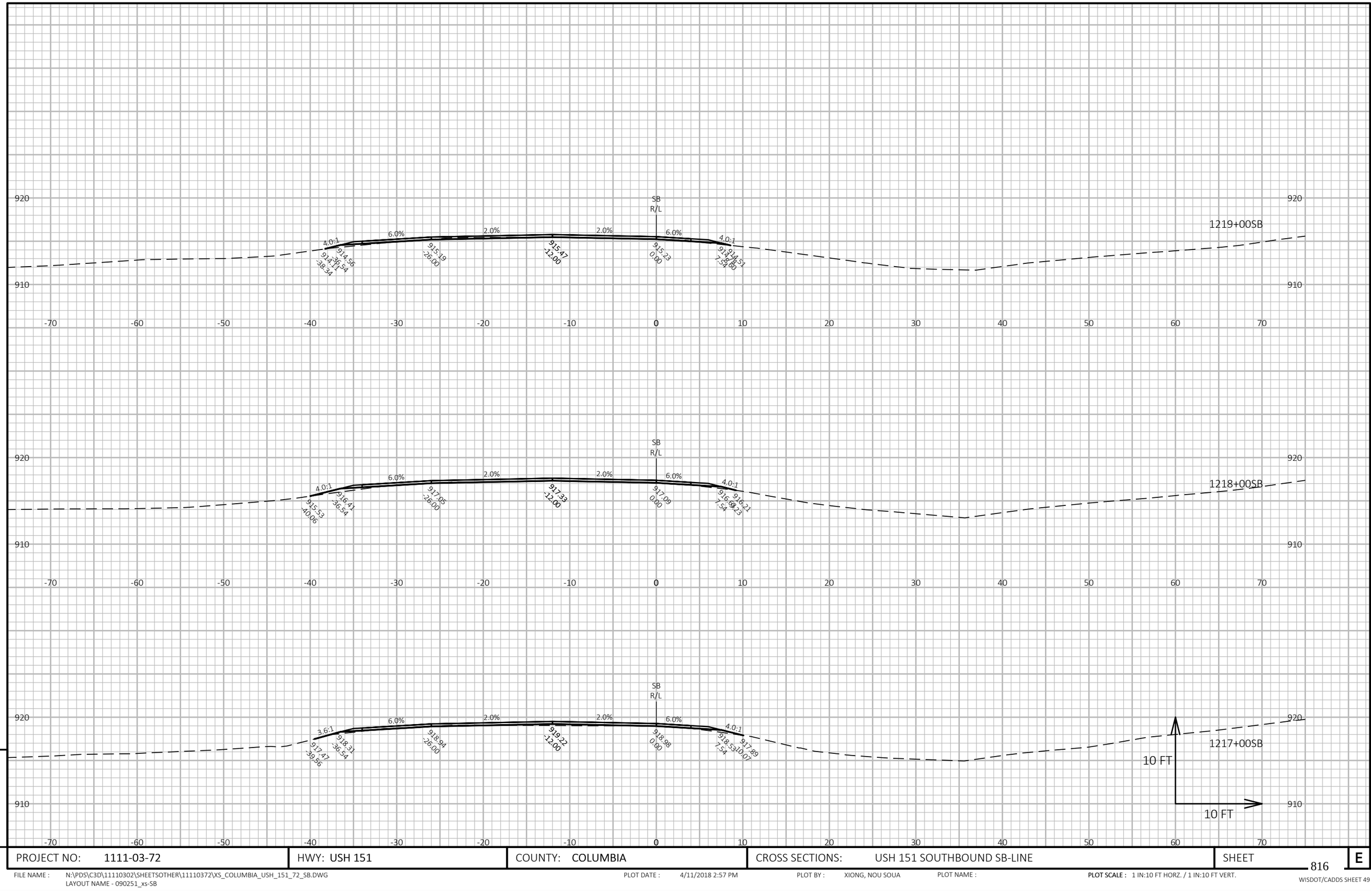
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PLOT BY : XIONG, NOU SOUA

PLOT NAME :

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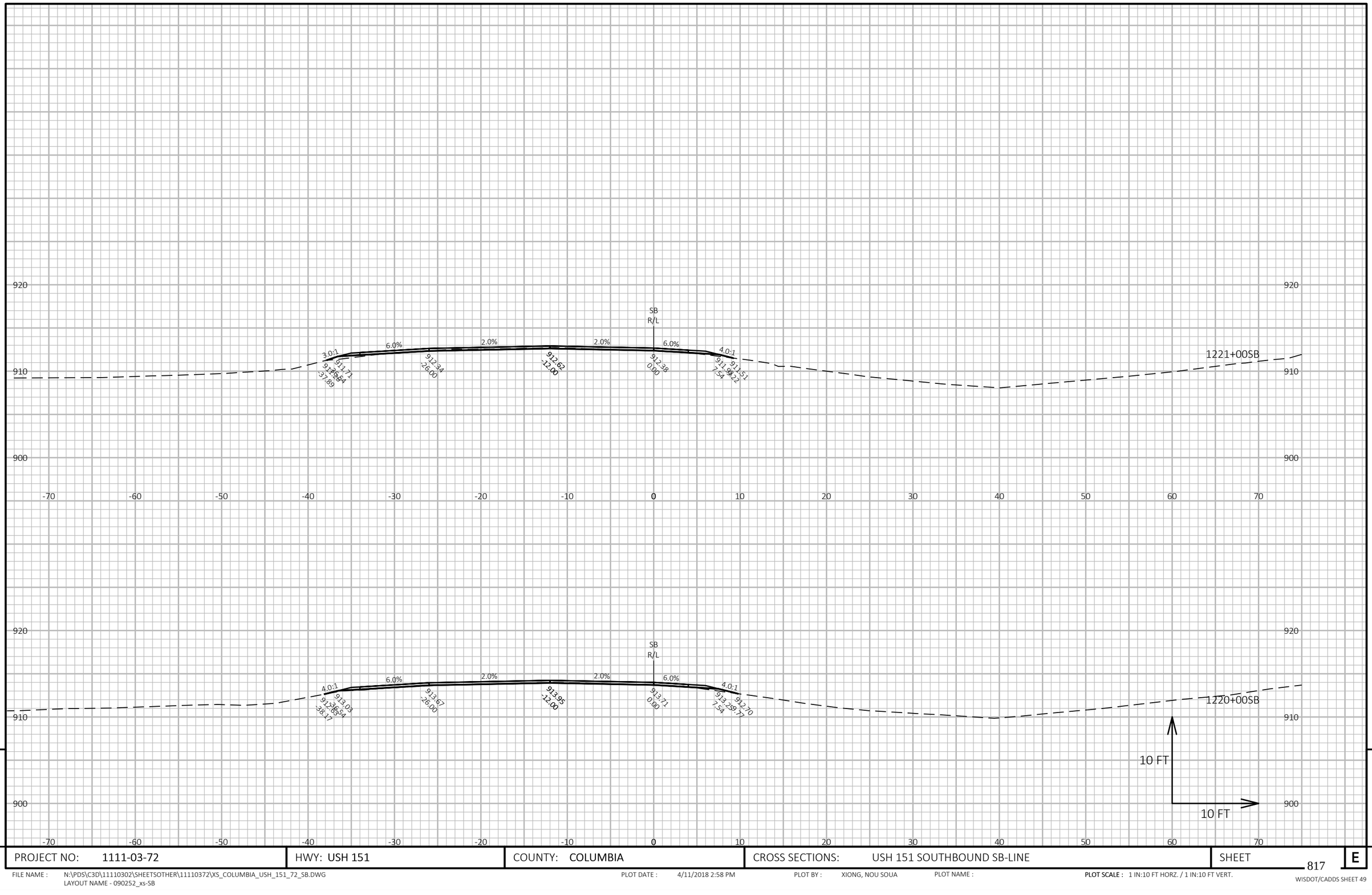


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 816	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
LAYOUT NAME - 090251_xs-SB

PLOT DATE : 4/11/2018 2:57 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 817	E

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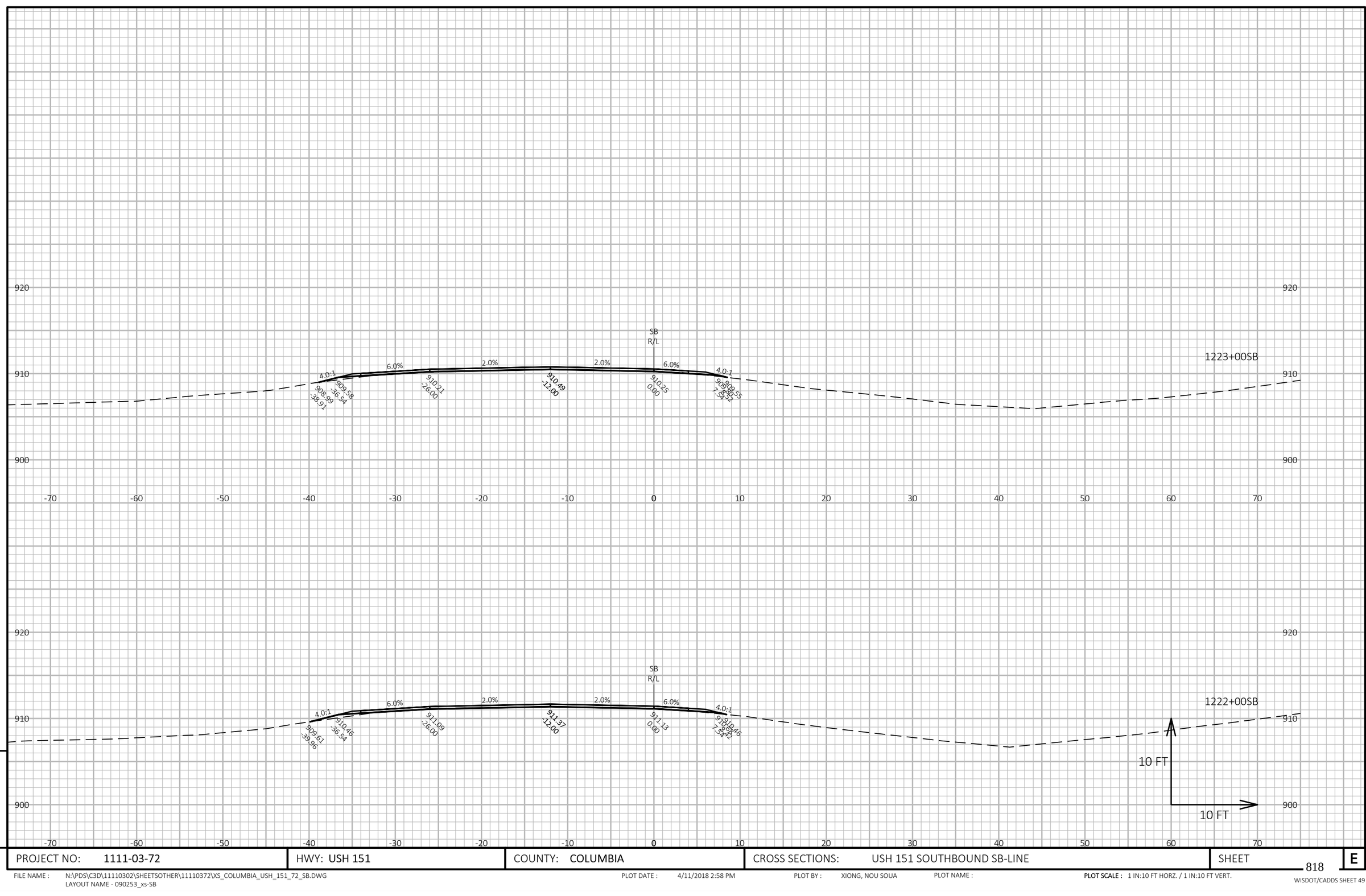
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PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 818	E

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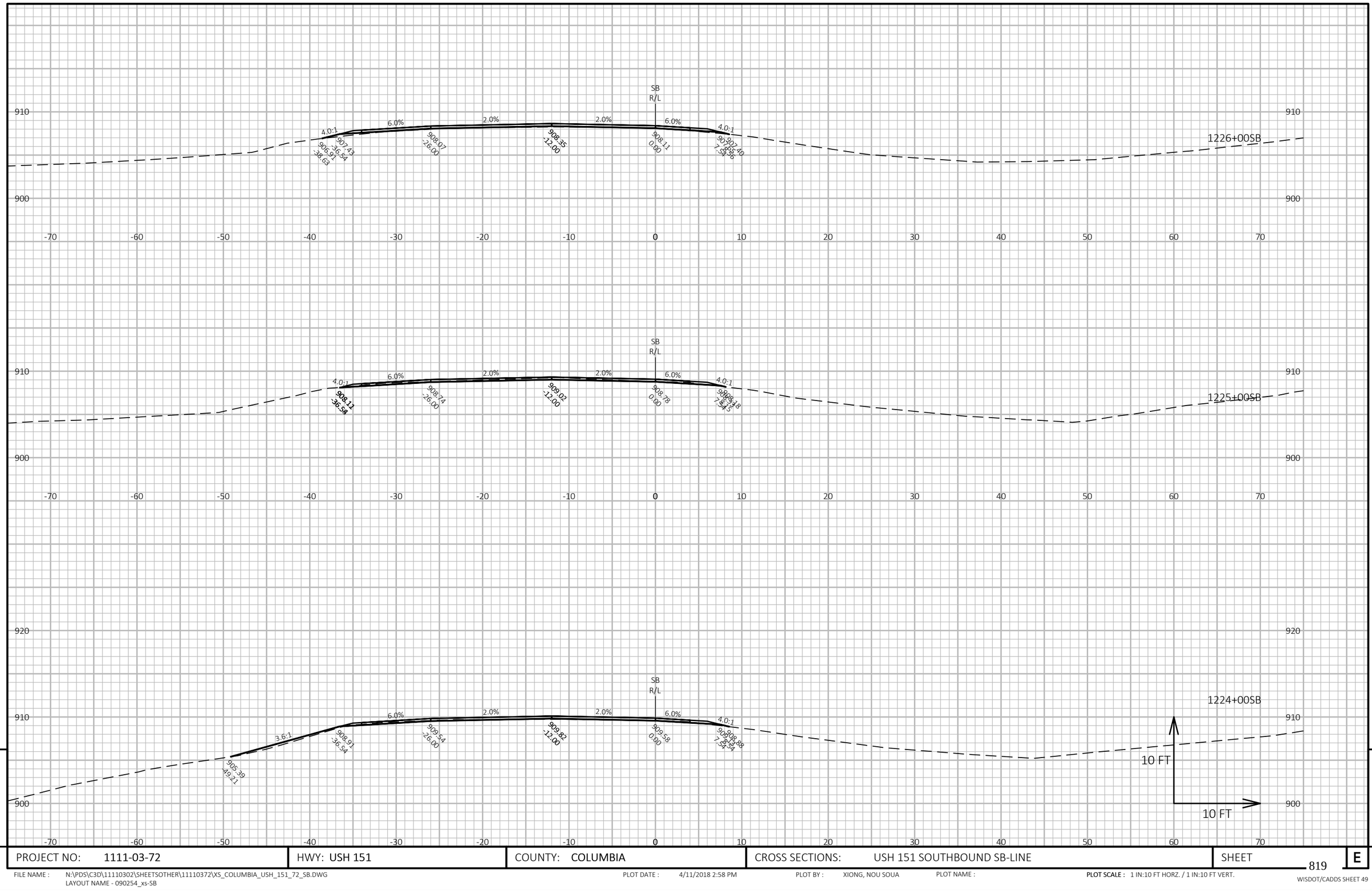
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PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 819	E

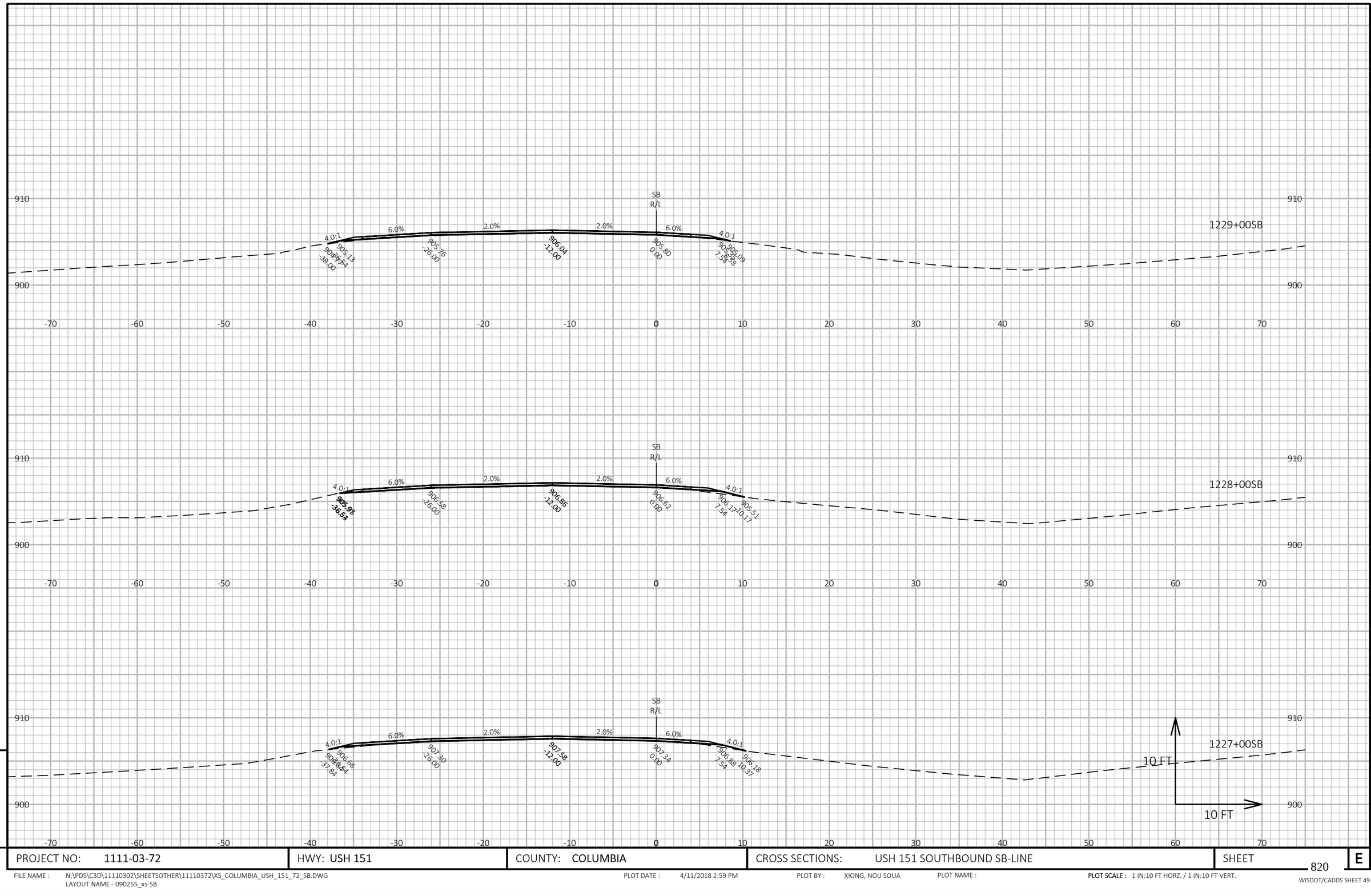
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PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

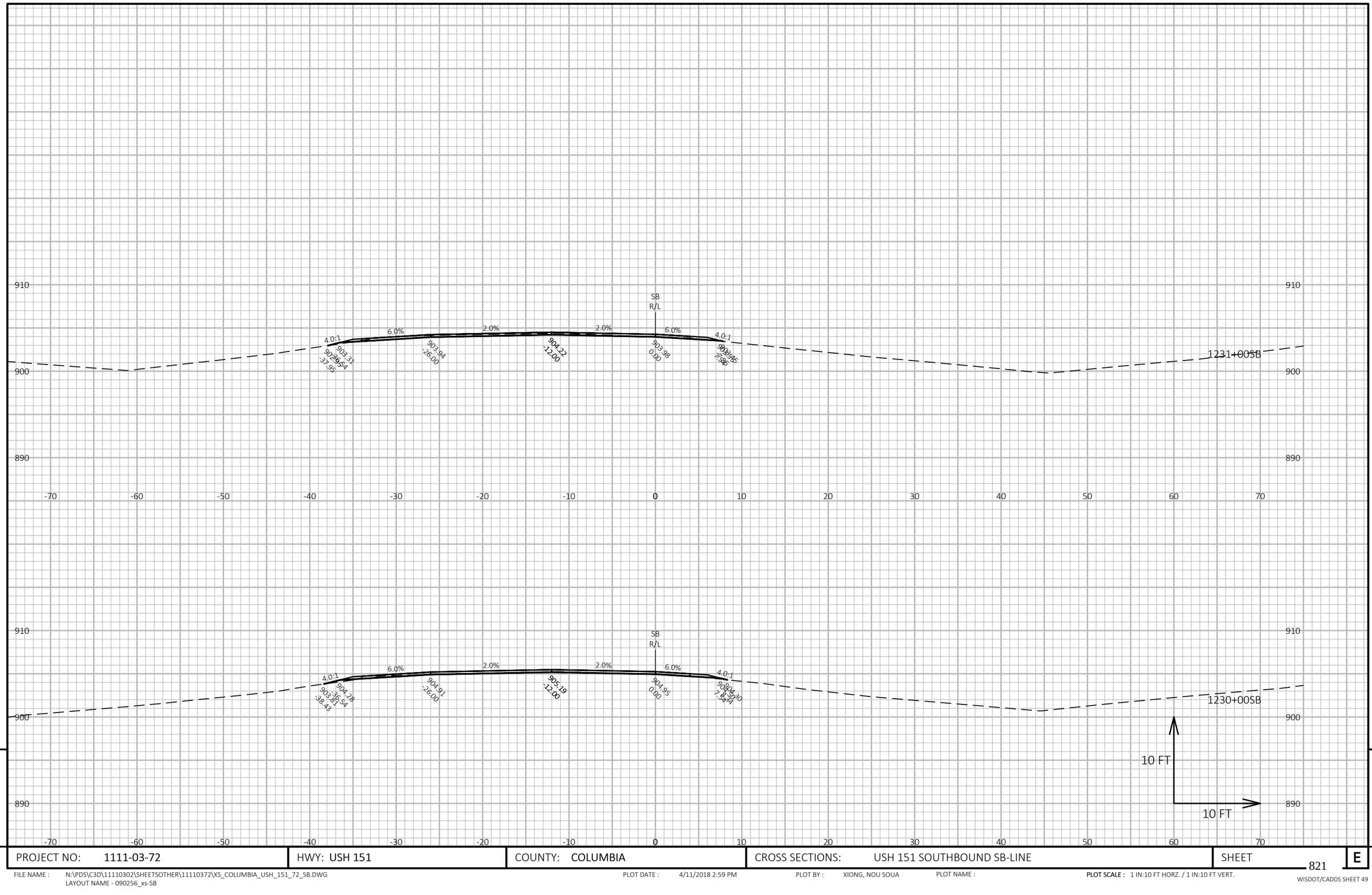


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 820 E

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PLOT DATE : 4/11/2018 2:59 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 821	E

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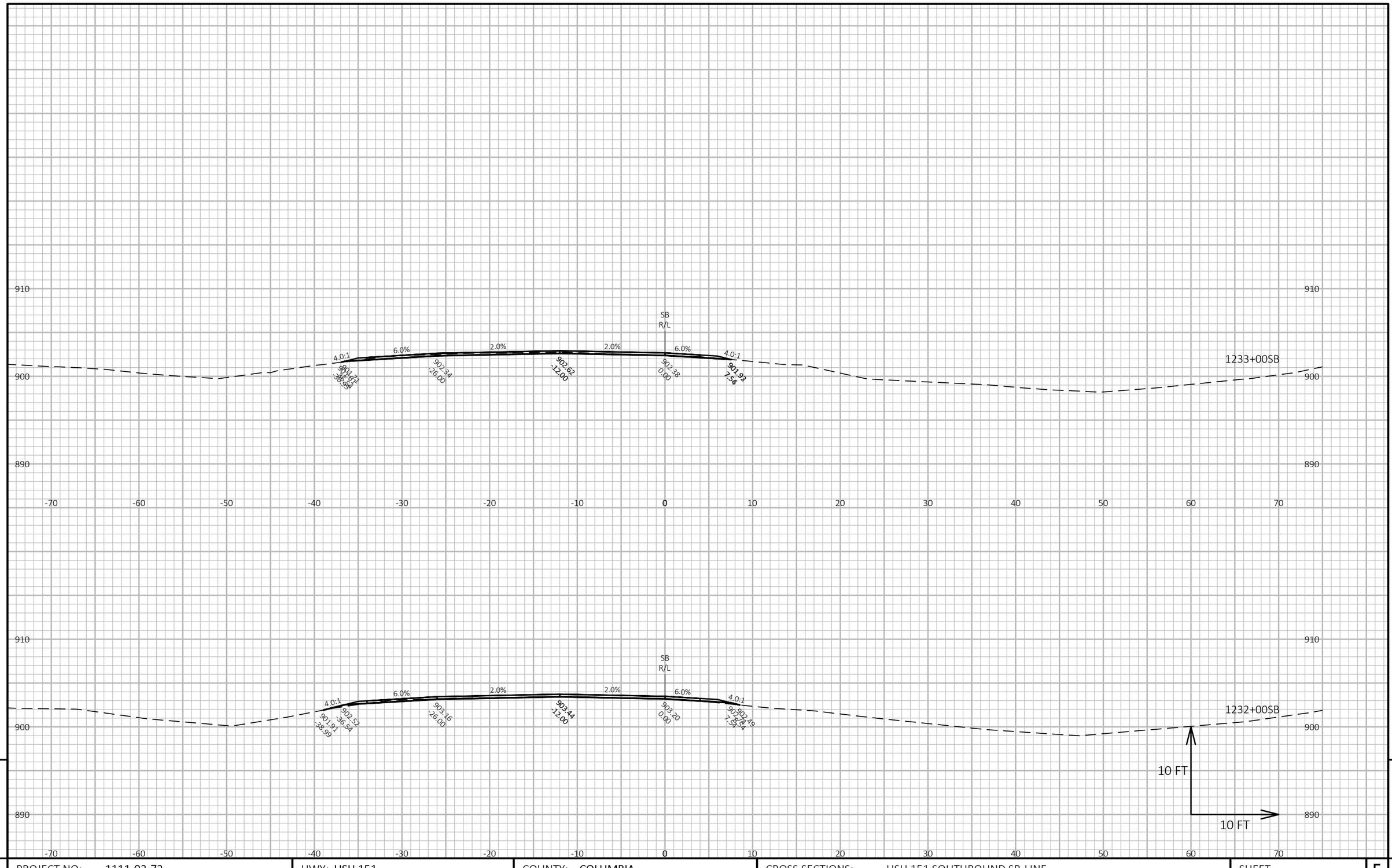
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PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 822	E

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FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
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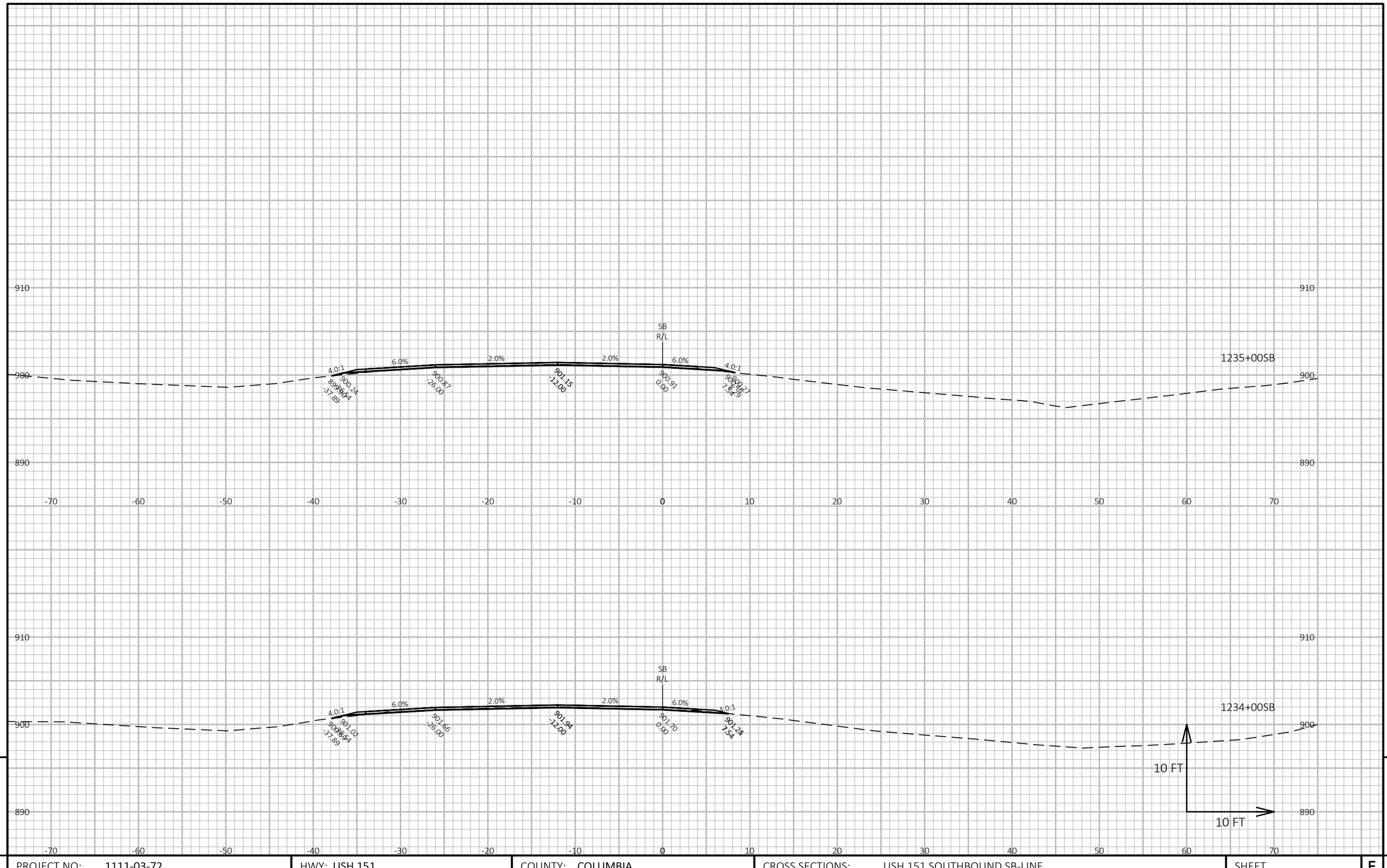
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PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 823	E

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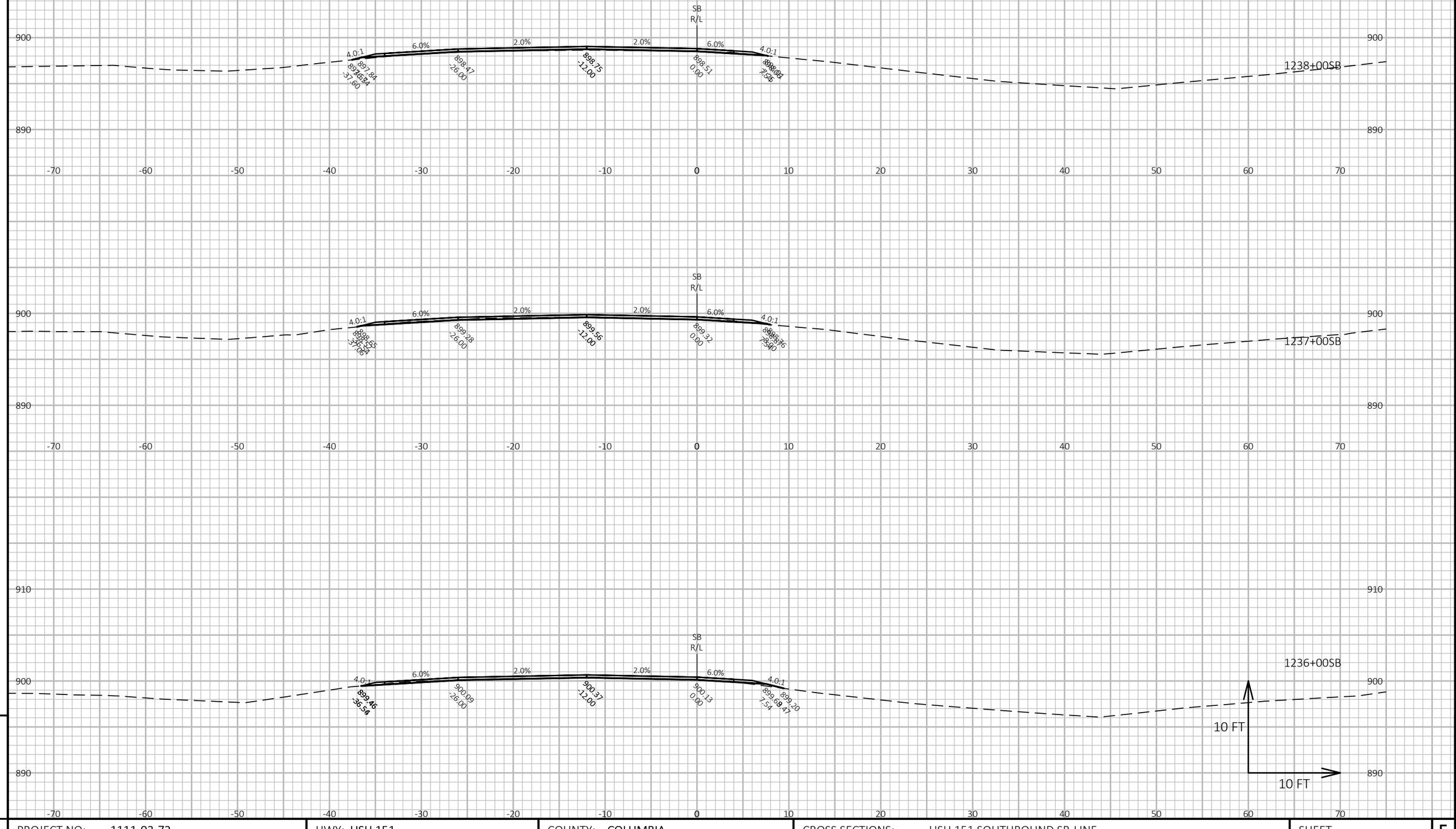
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PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

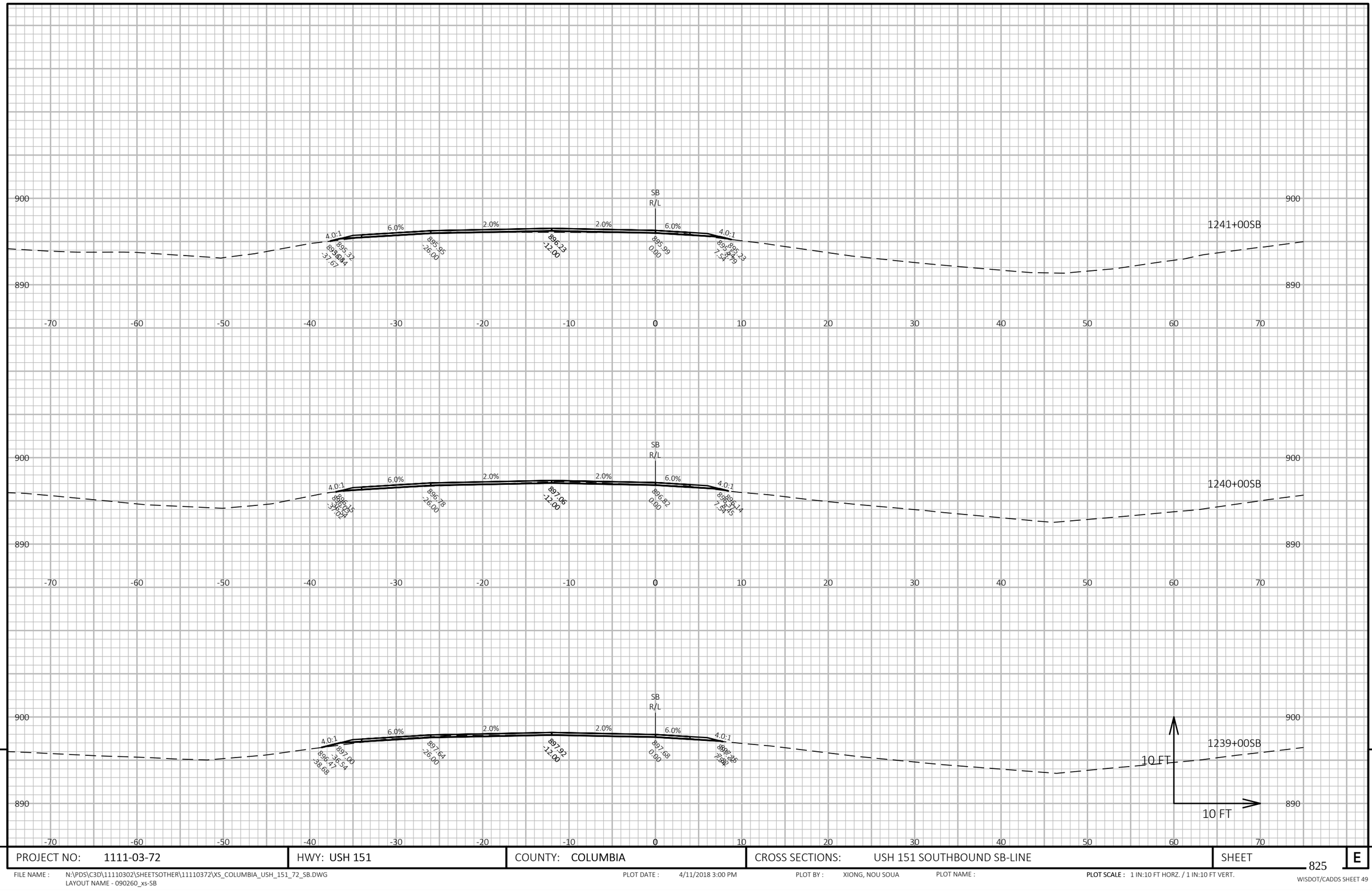


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 824 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
LAYOUT NAME - 090259_xs-SB

PLOT DATE : 4/11/2018 3:00 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 825	E

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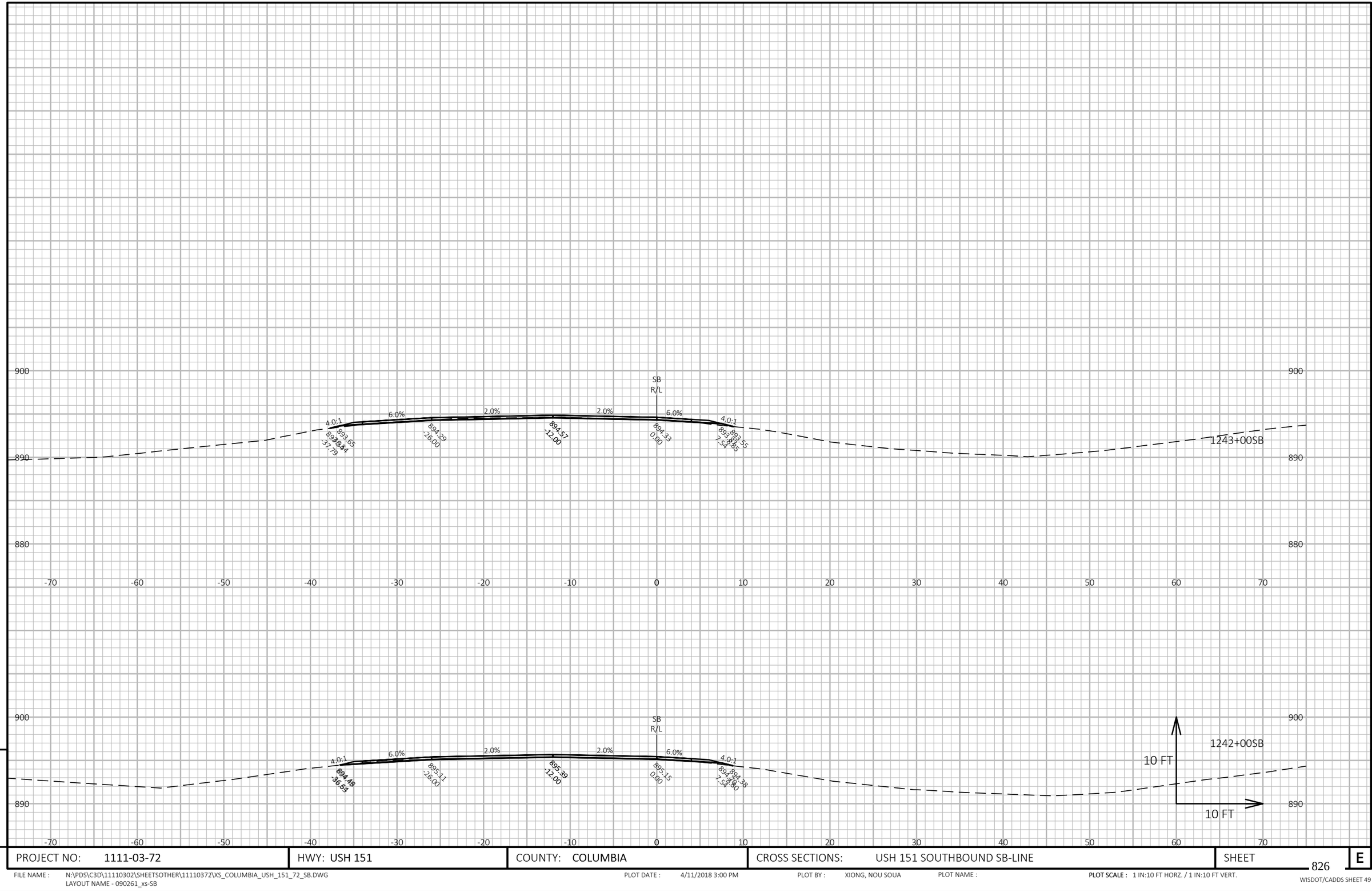
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PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

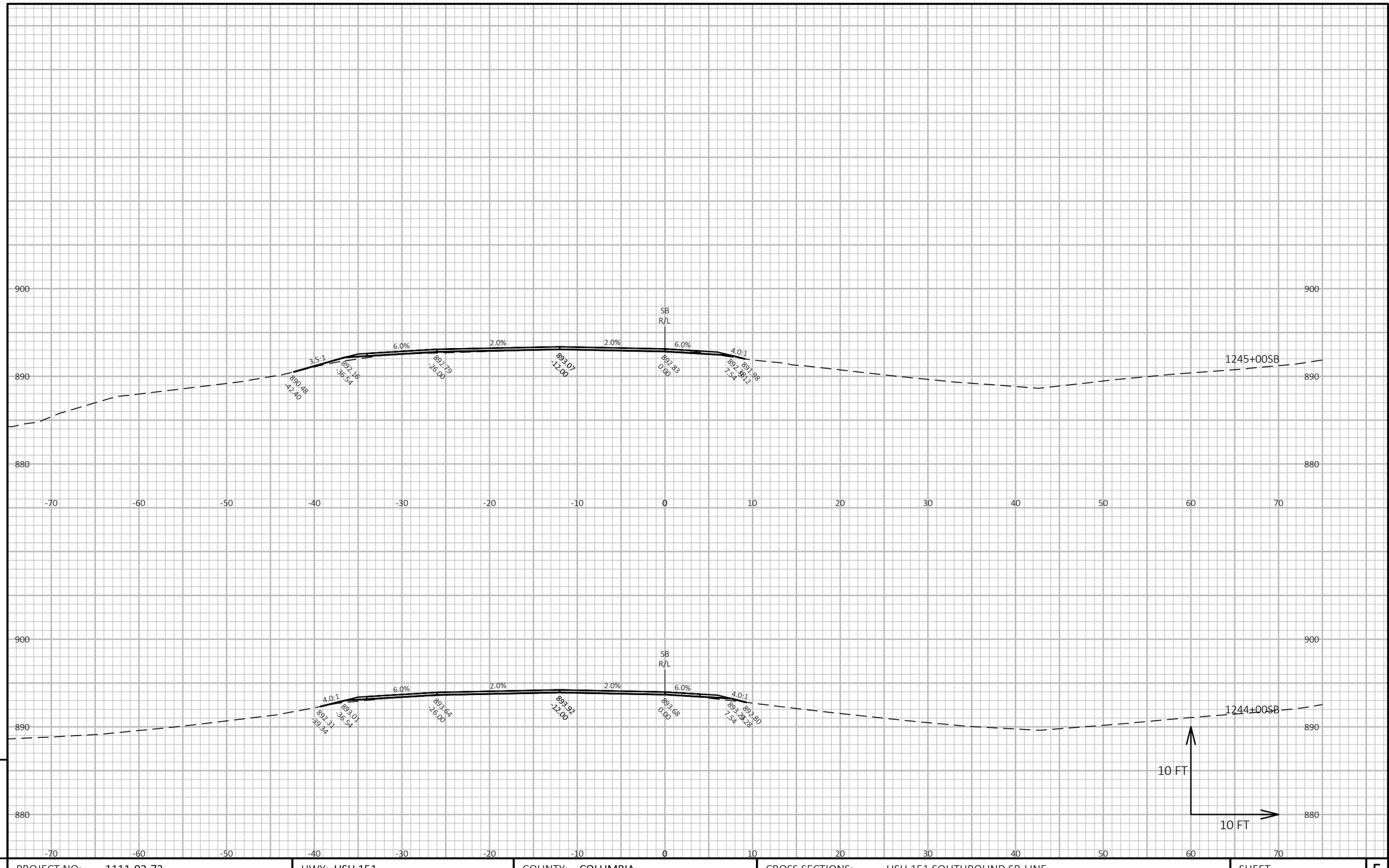


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PLOT DATE : 4/11/2018 3:00 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 827	E

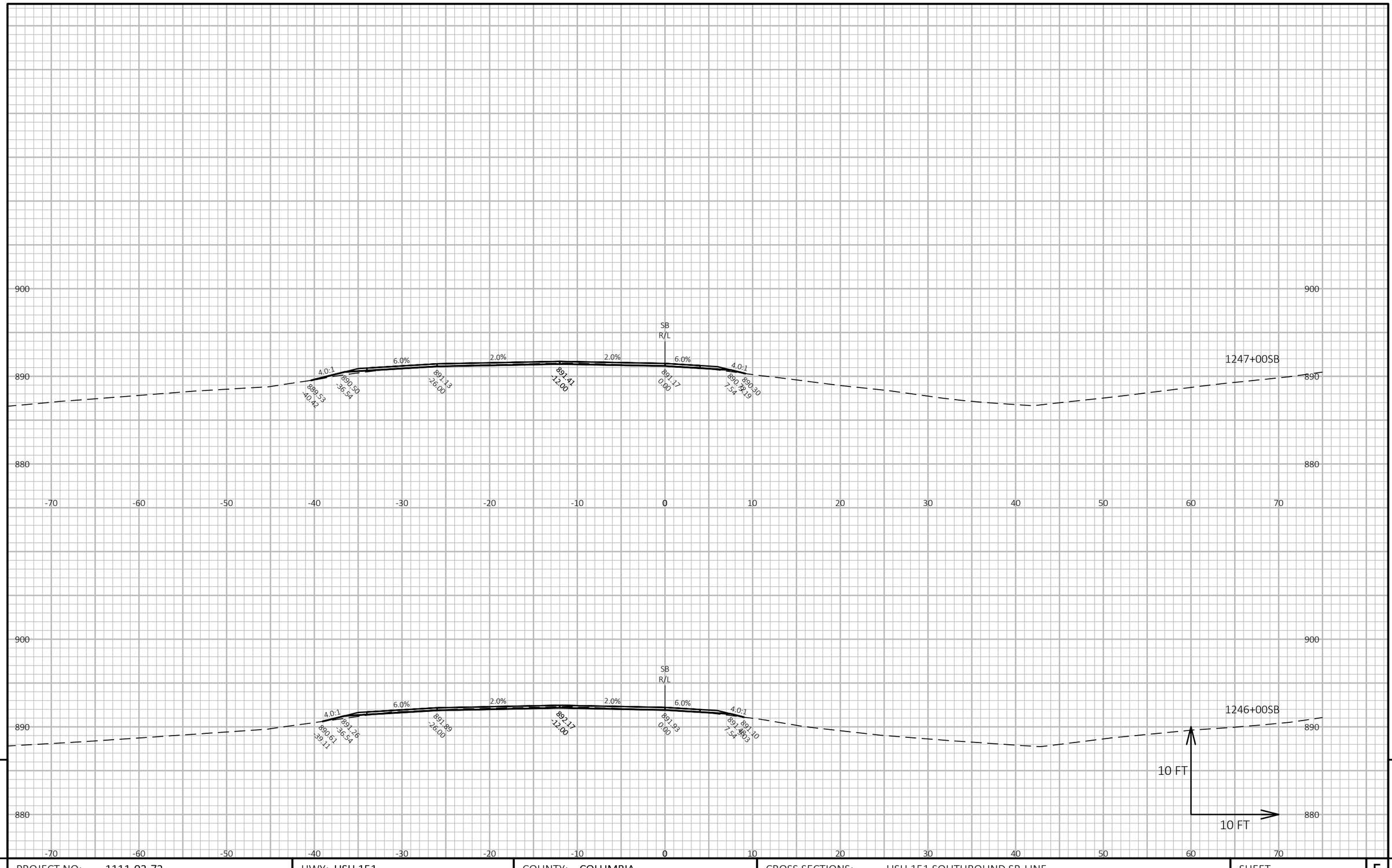
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LAYOUT NAME - 090262_xs-SB

PLOT DATE : 4/11/2018 3:01 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 828	E

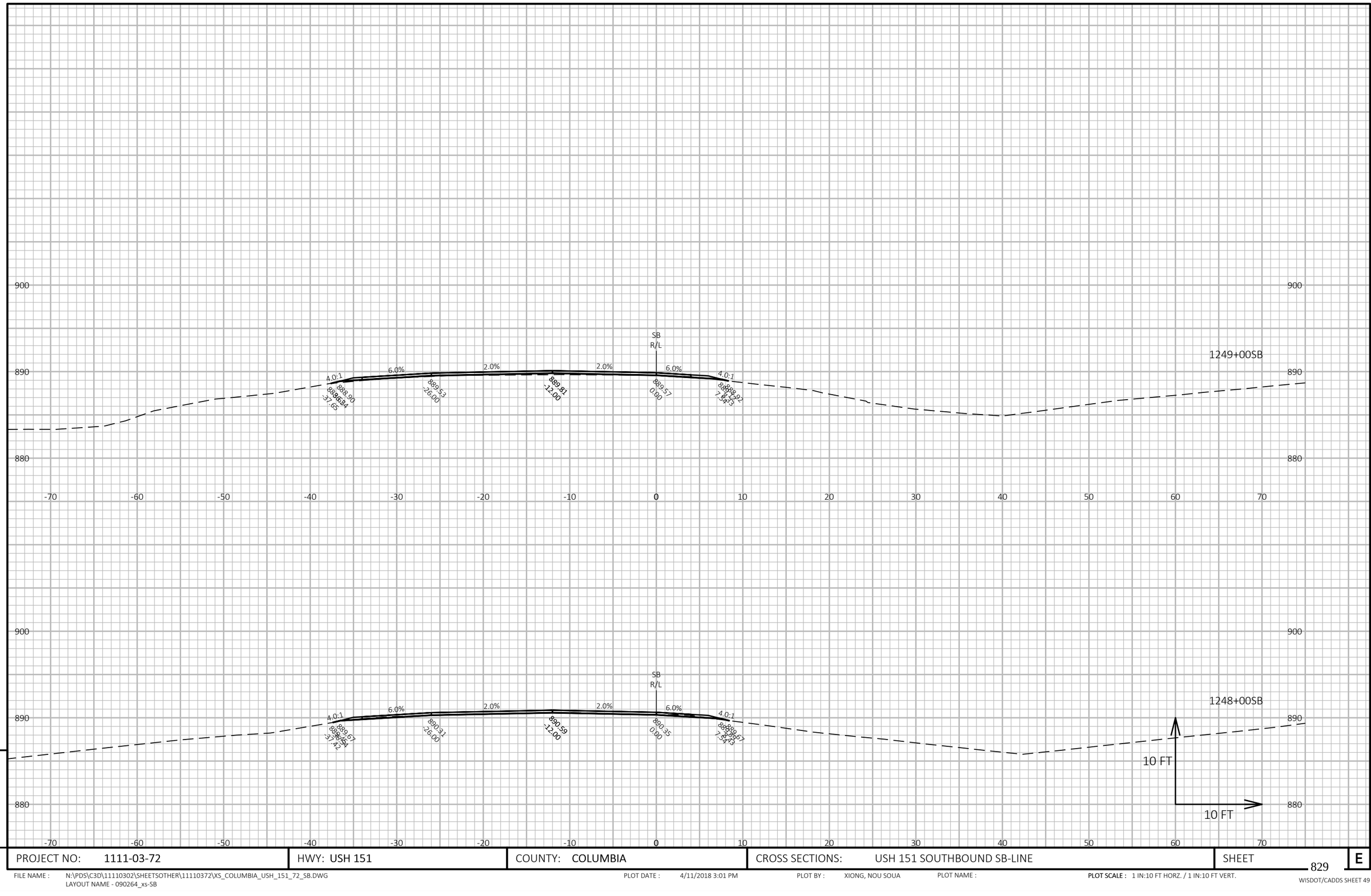
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LAYOUT NAME - 090263_xs-SB

PLOT DATE : 4/11/2018 3:01 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 829	E

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LAYOUT NAME - 090264_xs-SB

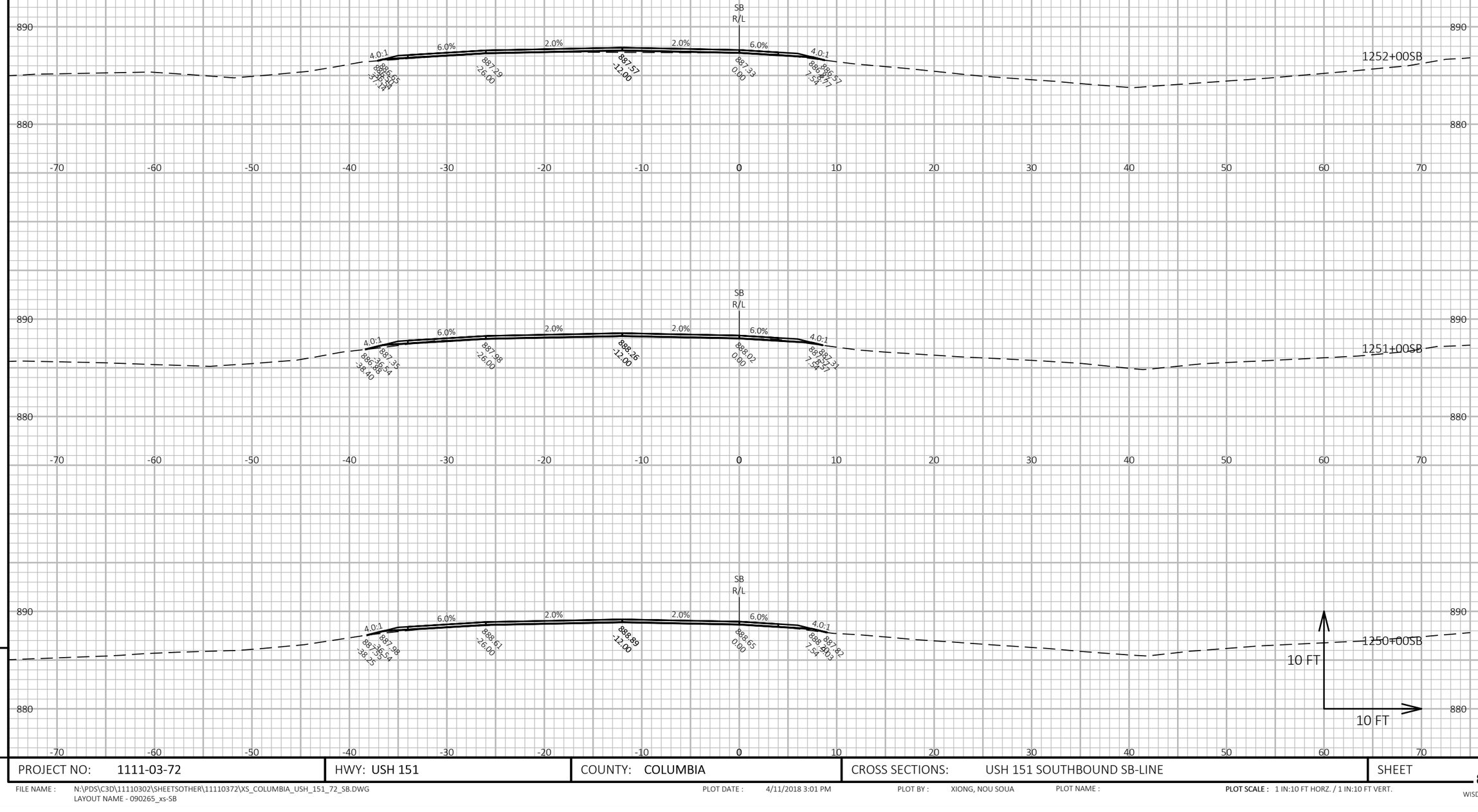
PLOT DATE : 4/11/2018 3:01 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 830	E

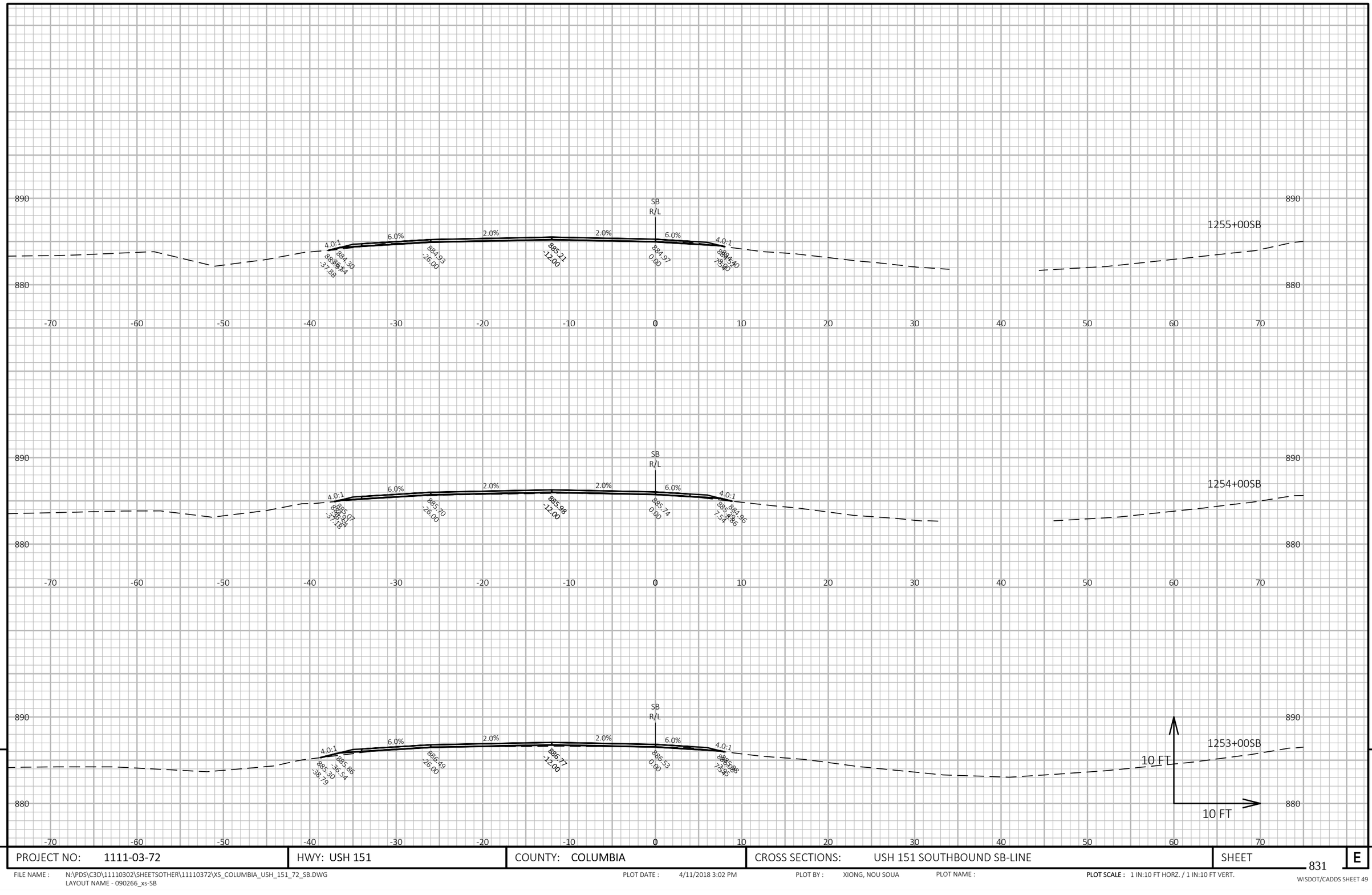
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LAYOUT NAME - 090265_xs-SB

PLOT DATE : 4/11/2018 3:01 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 831	E

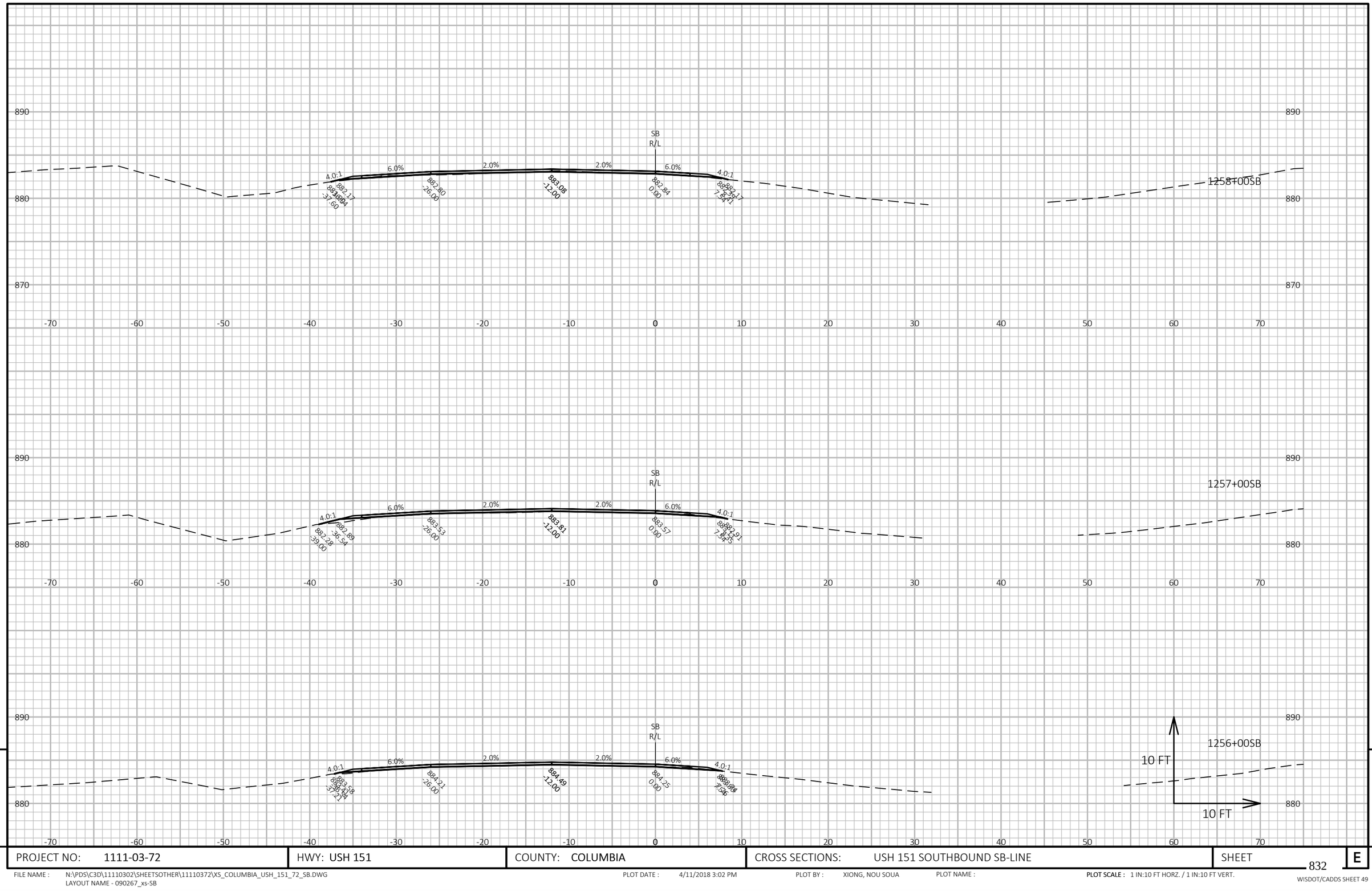
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LAYOUT NAME - 090266_xs-SB

PLOT DATE : 4/11/2018 3:02 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 832 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
LAYOUT NAME - 090267_xs-SB

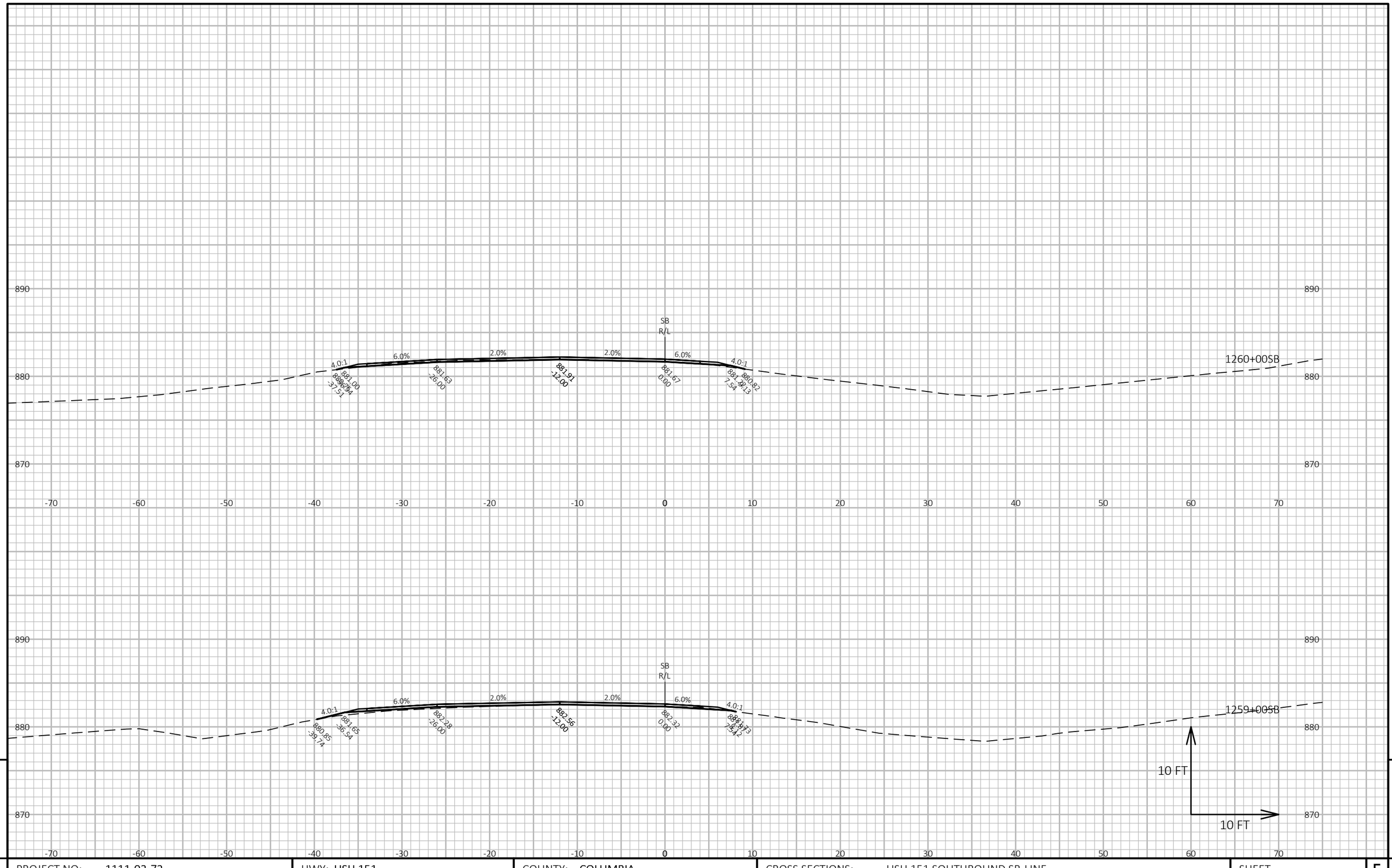
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PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

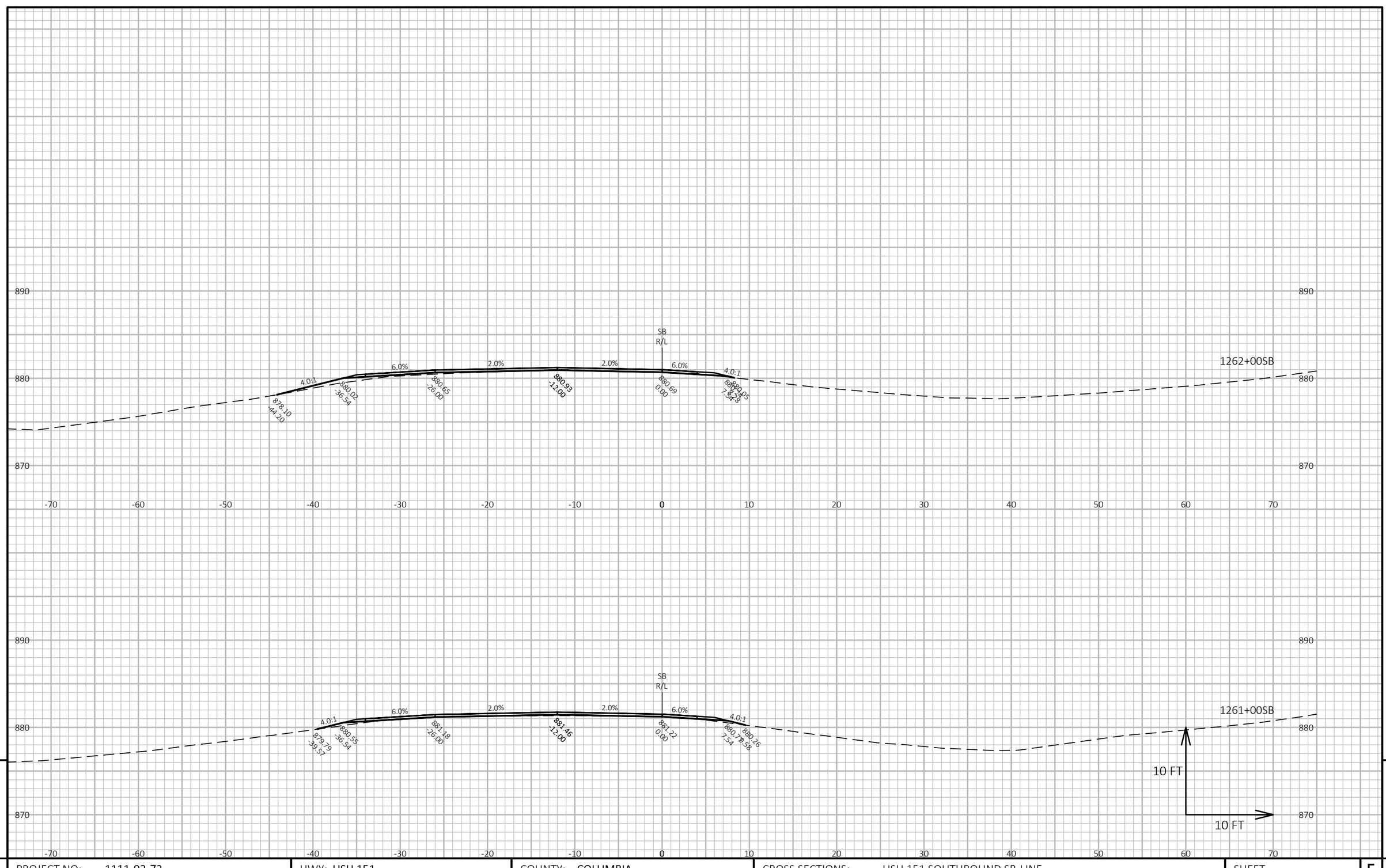


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 833 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
LAYOUT NAME - 090268_xs-SB

PLOT DATE : 4/11/2018 3:02 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 834	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
LAYOUT NAME - 090269_xs-SB

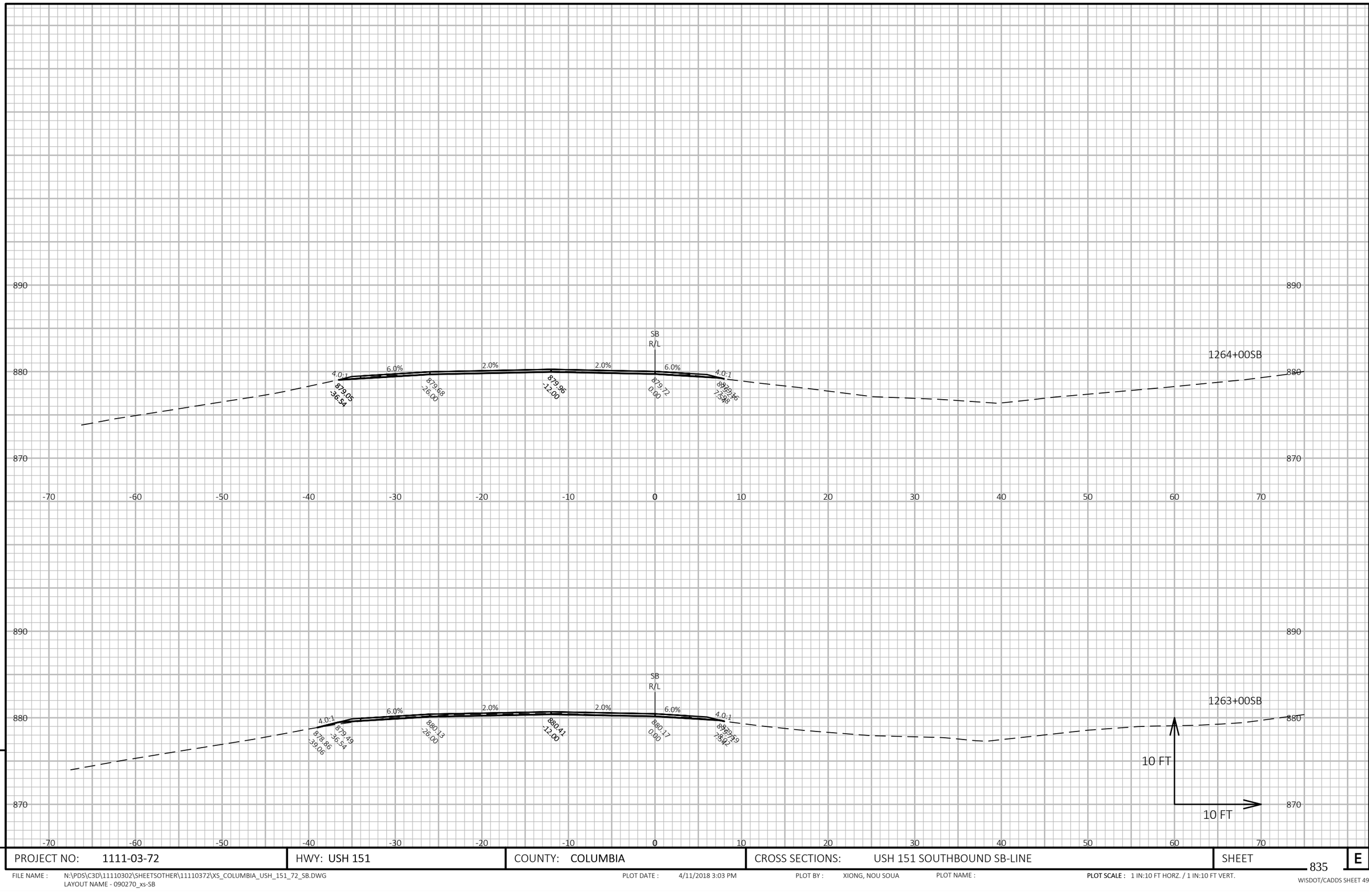
PLOT DATE : 4/11/2018 3:02 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 835	E

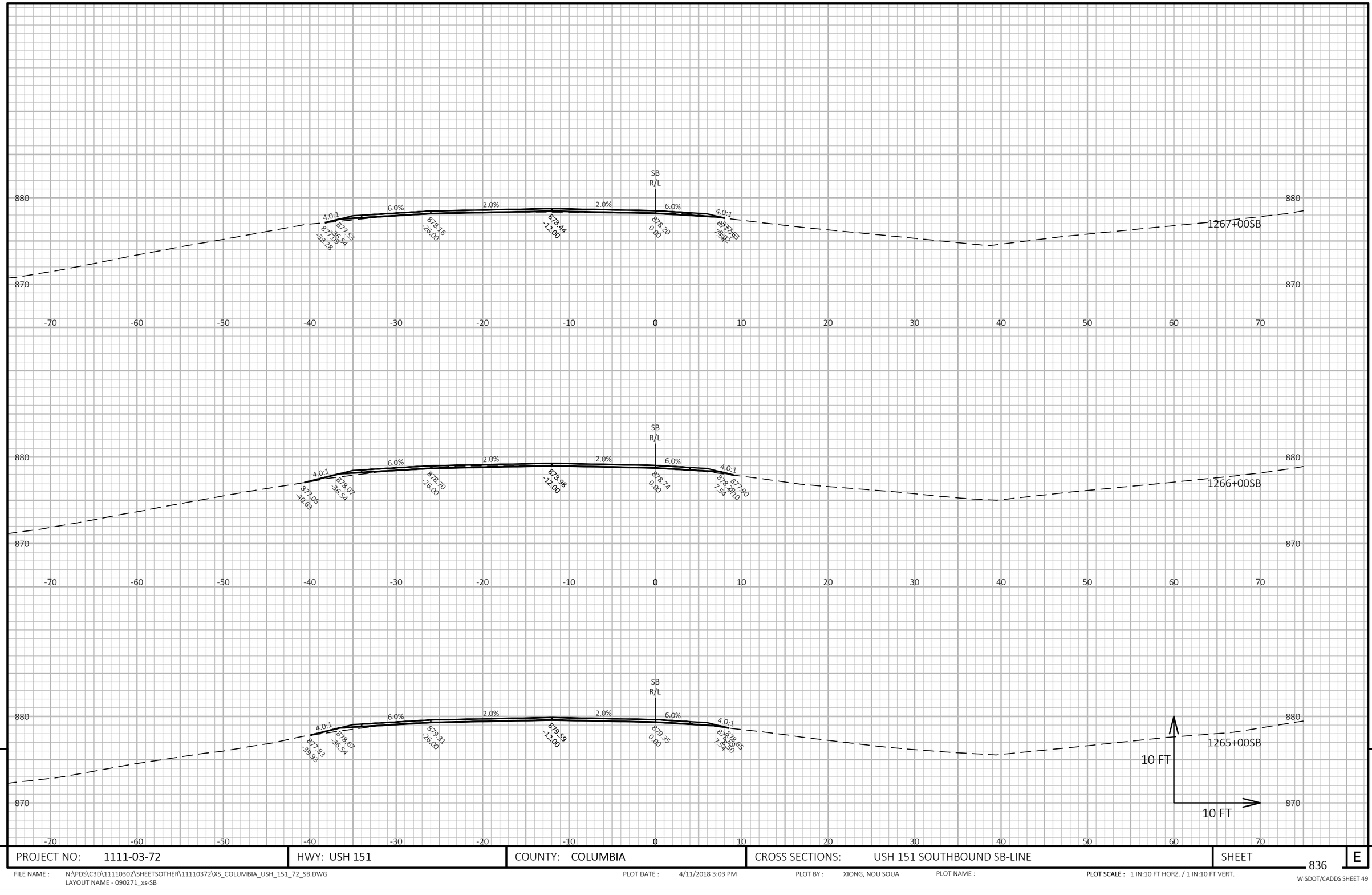
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LAYOUT NAME - 090270_xs-SB

PLOT DATE : 4/11/2018 3:03 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 836	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
LAYOUT NAME - 090271_xs-SB

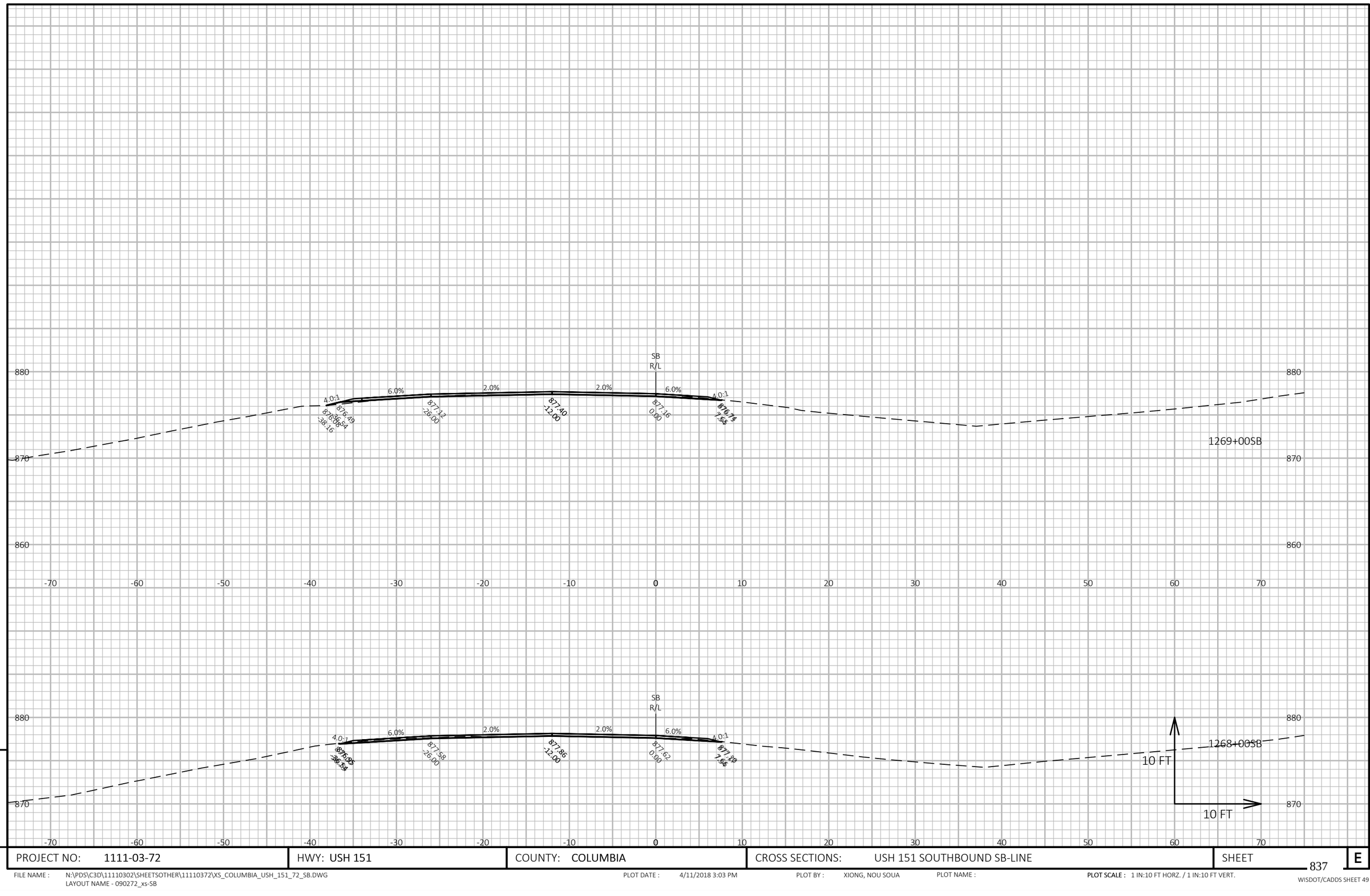
PLOT DATE : 4/11/2018 3:03 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 837	E

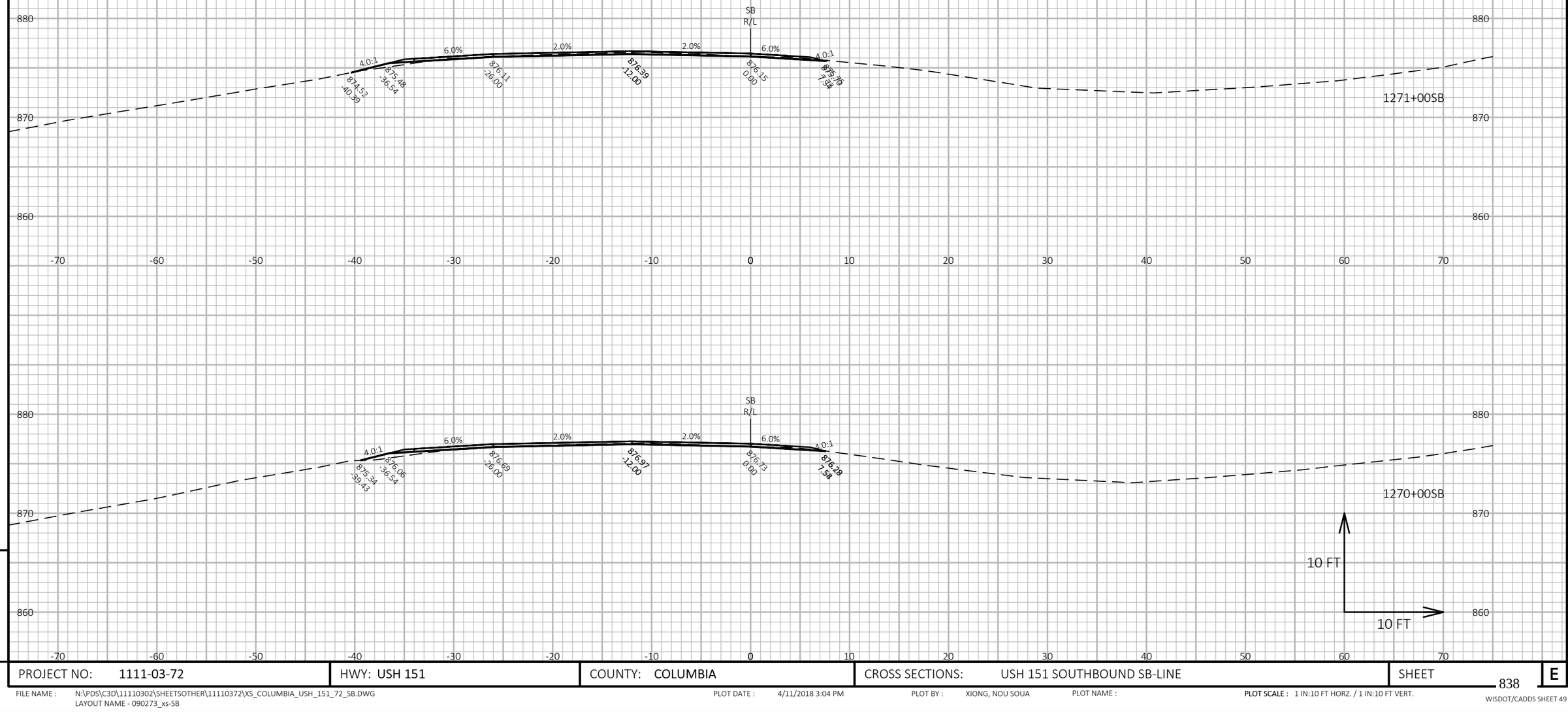
FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
LAYOUT NAME - 090272_xs-SB

PLOT DATE : 4/11/2018 3:03 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 838	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
LAYOUT NAME - 090273_xs-SB

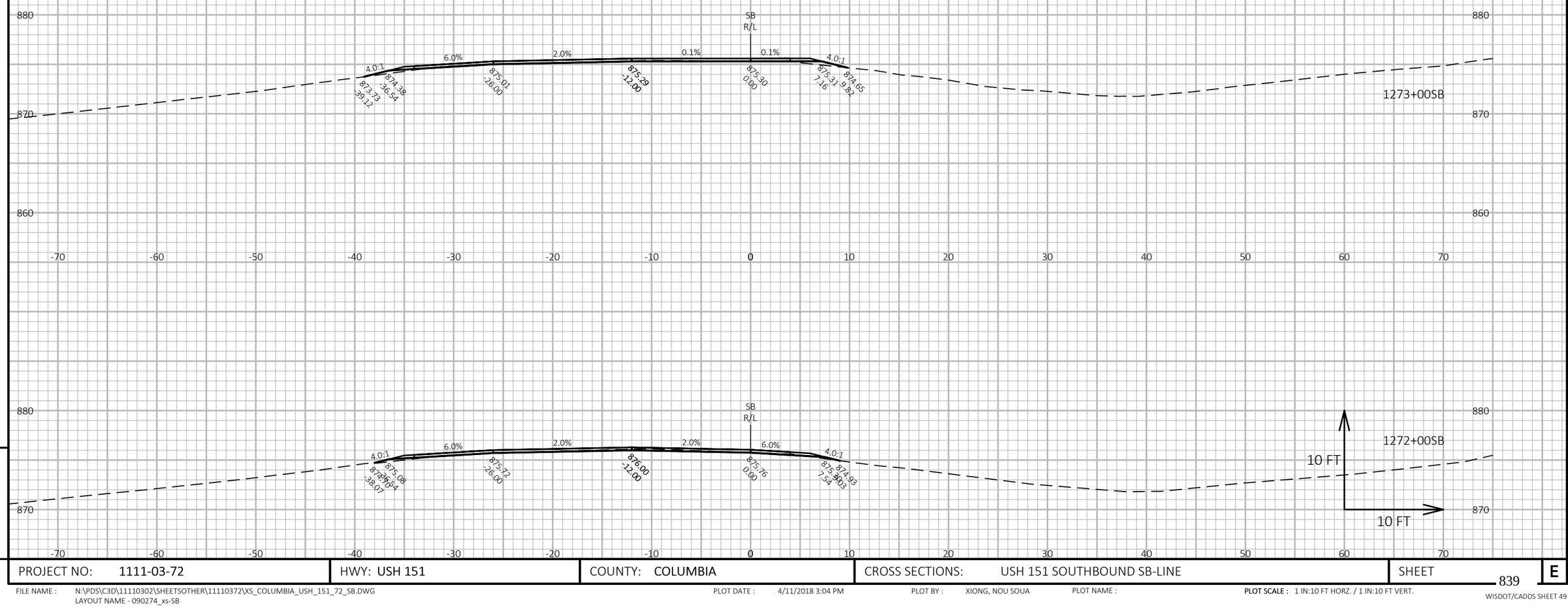
PLOT DATE : 4/11/2018 3:04 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



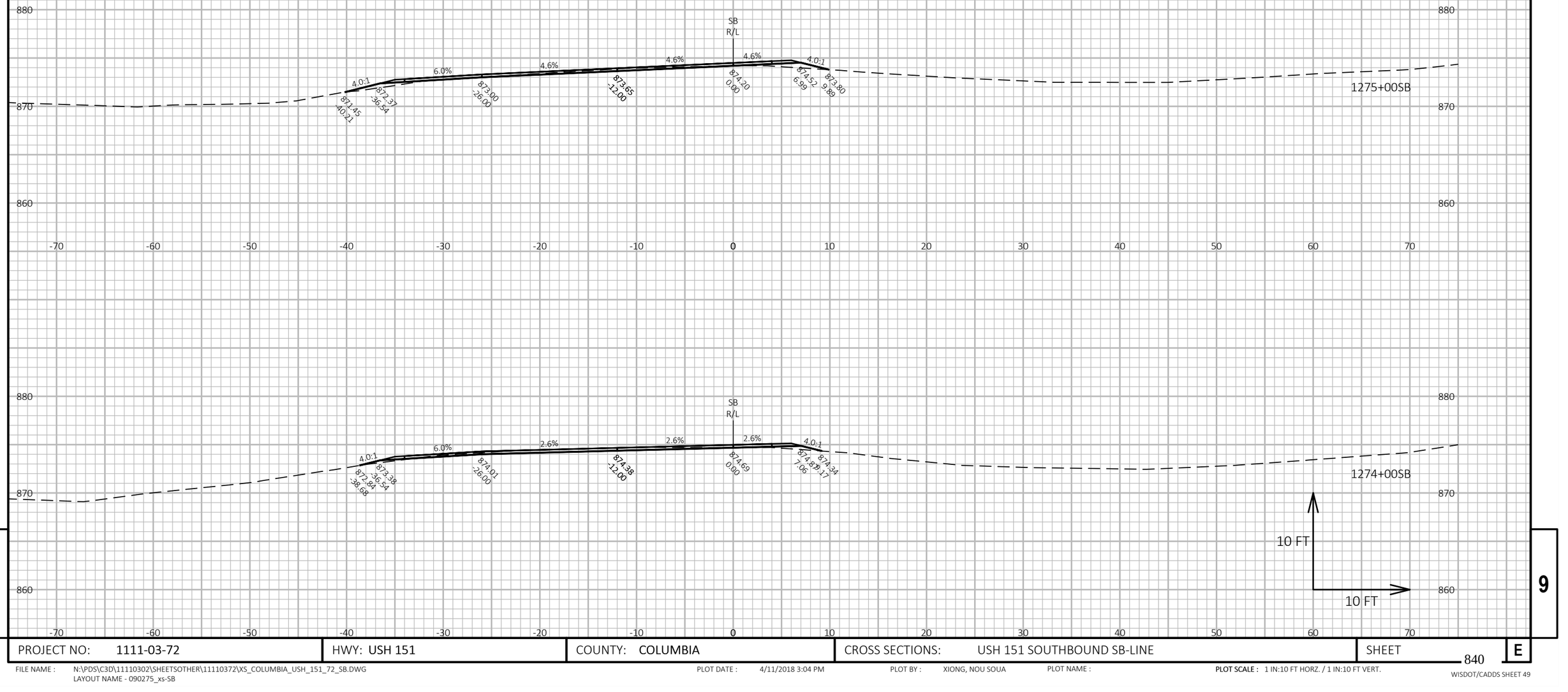
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 839	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
LAYOUT NAME - 090274_xs-SB

PLOT DATE : 4/11/2018 3:04 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

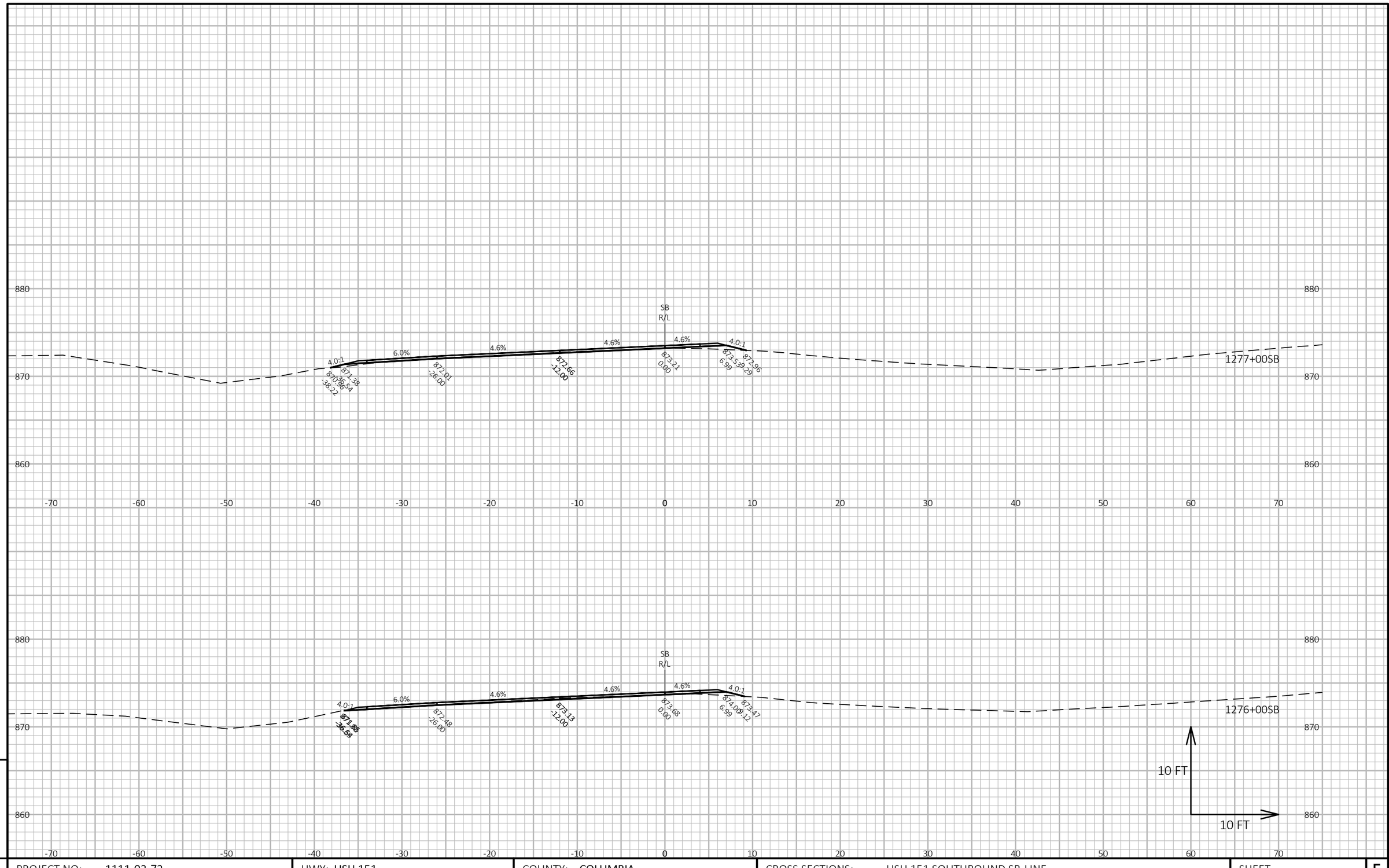


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 840

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
LAYOUT NAME - 090275_xs-SB

PLOT DATE : 4/11/2018 3:04 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 841	E

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LAYOUT NAME - 090276_xs-SB

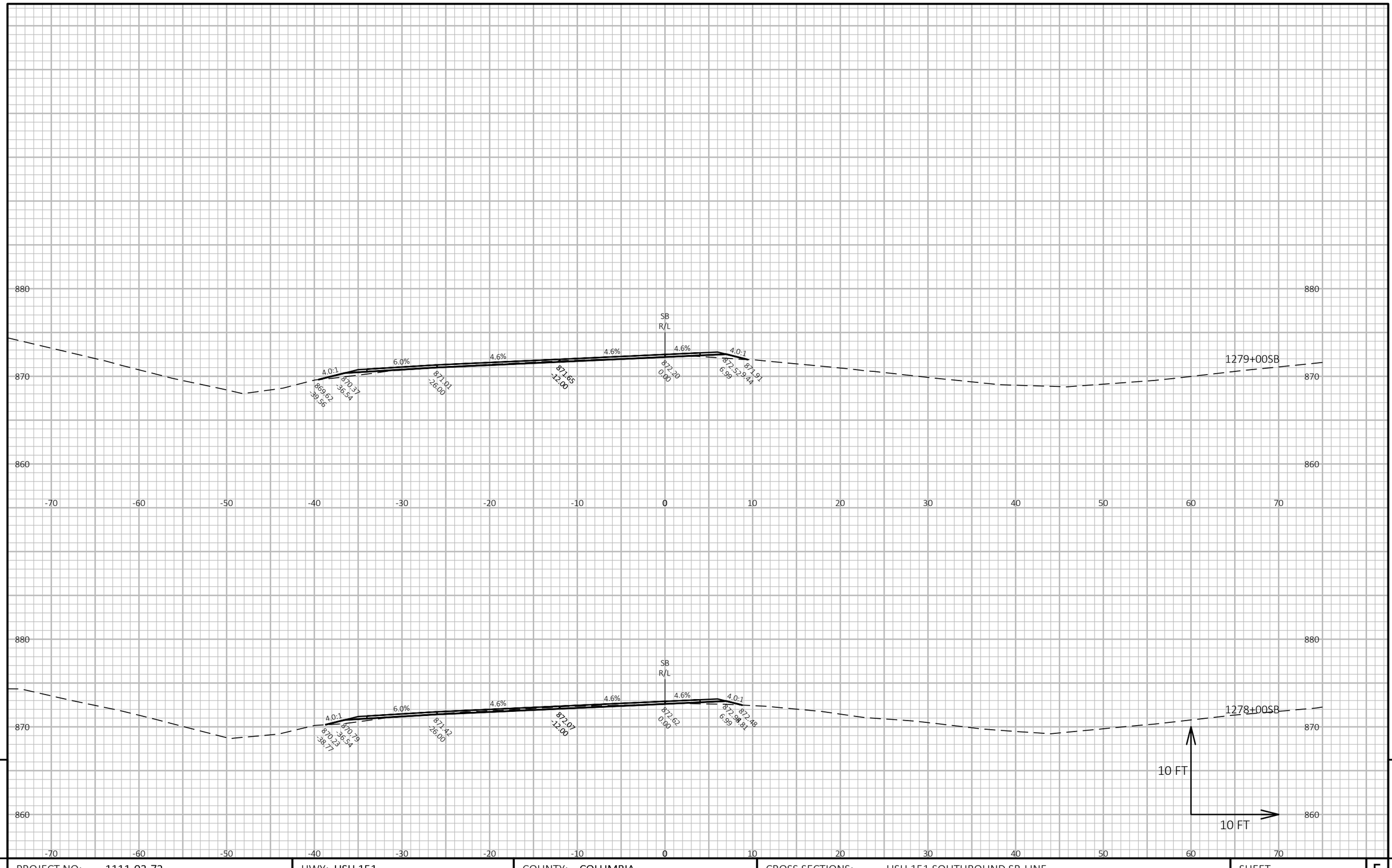
PLOT DATE : 4/11/2018 3:04 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 842	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
LAYOUT NAME - 090277_xs-SB

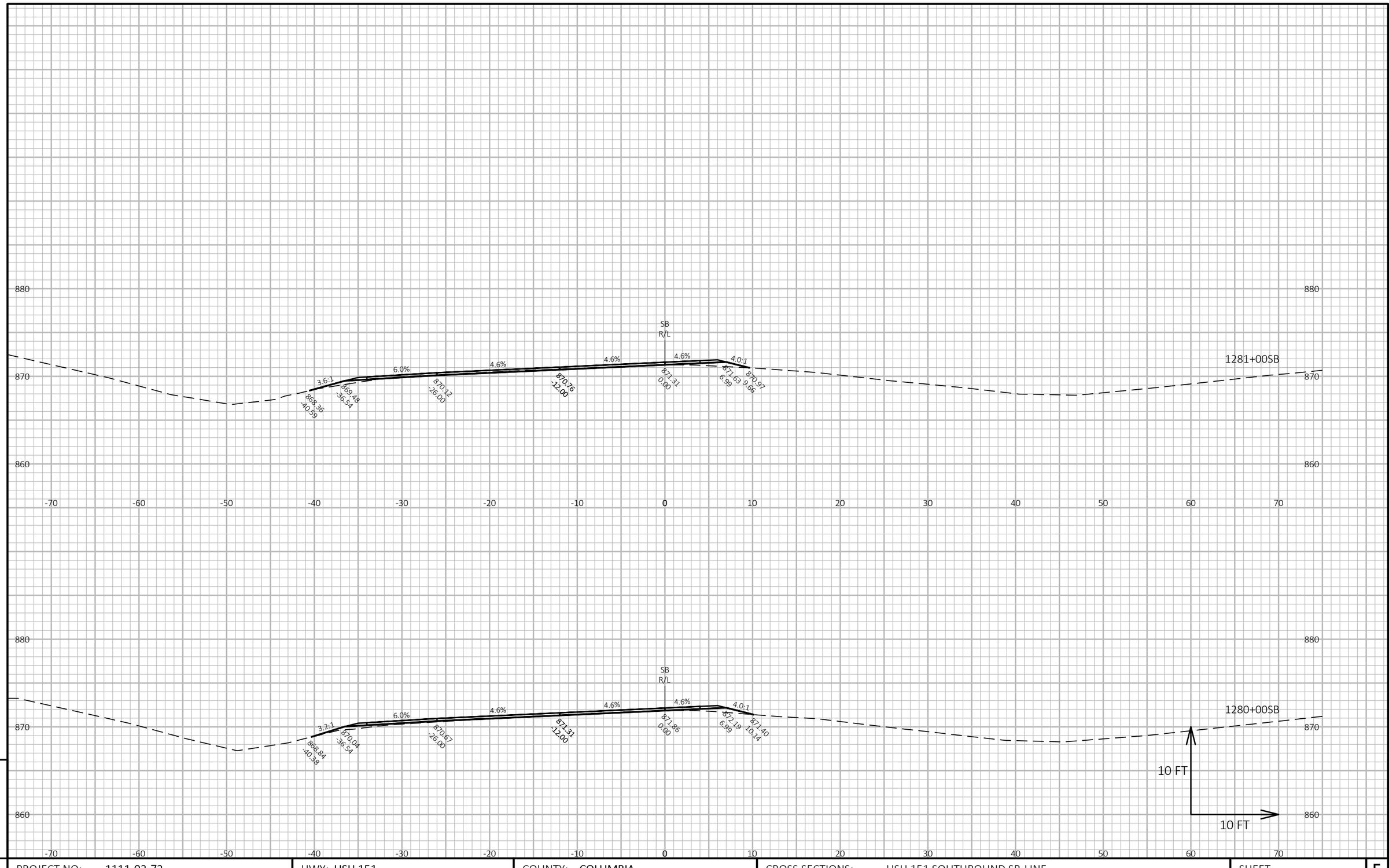
PLOT DATE : 4/11/2018 3:04 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 843	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
LAYOUT NAME - 090278_xs-SB

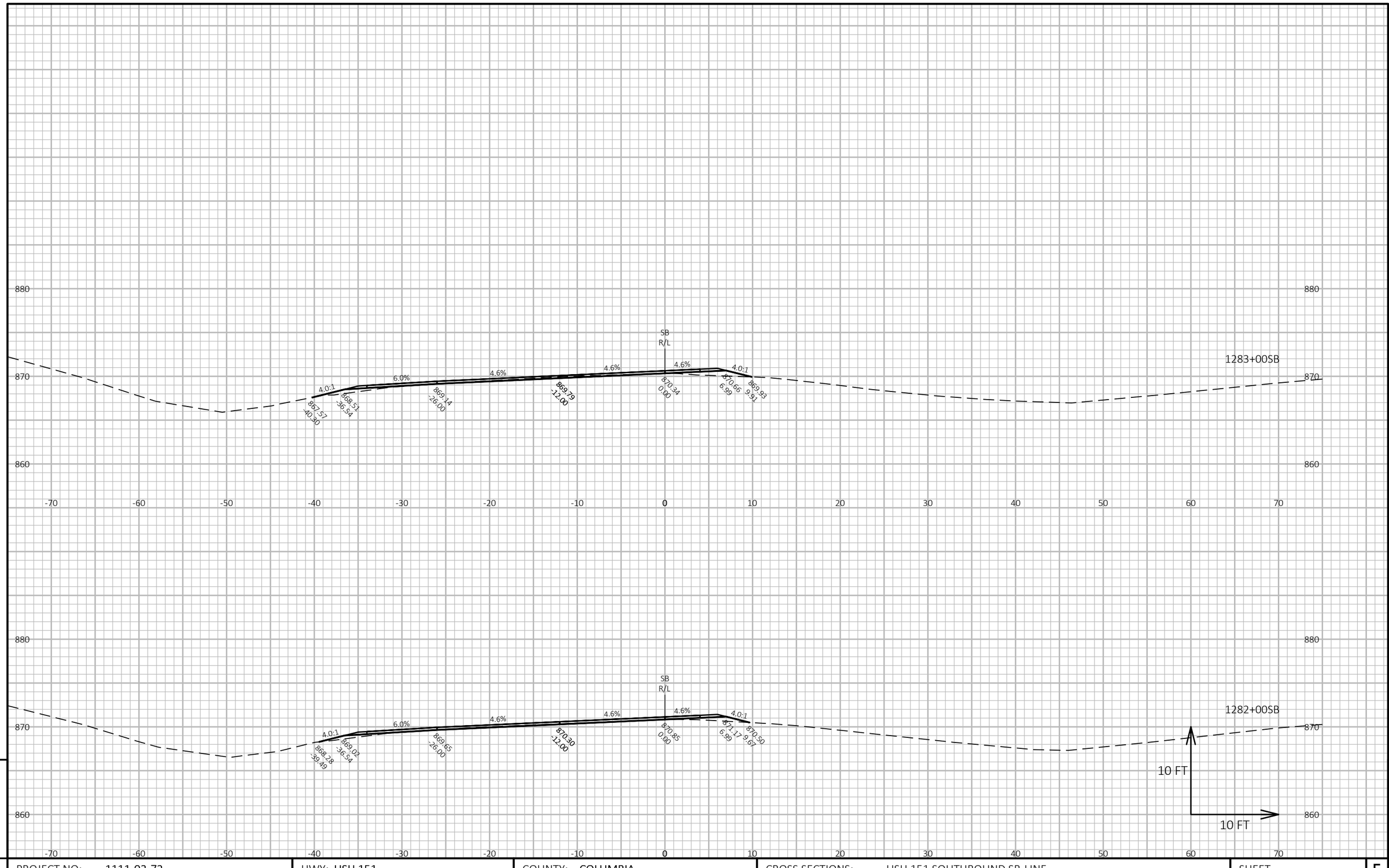
PLOT DATE : 4/11/2018 3:04 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

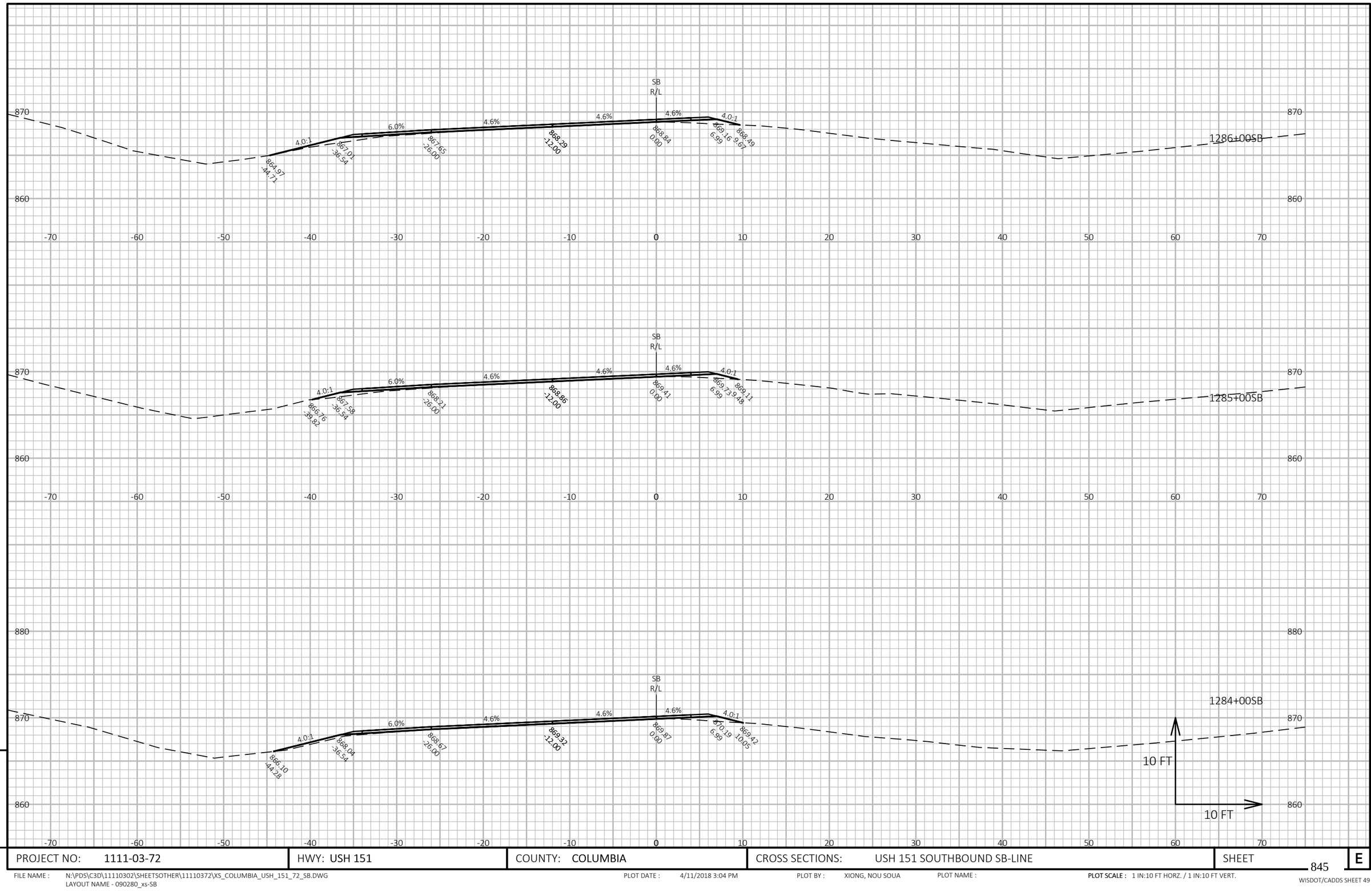


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 844 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
LAYOUT NAME - 090279_xs-SB

PLOT DATE : 4/11/2018 3:04 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

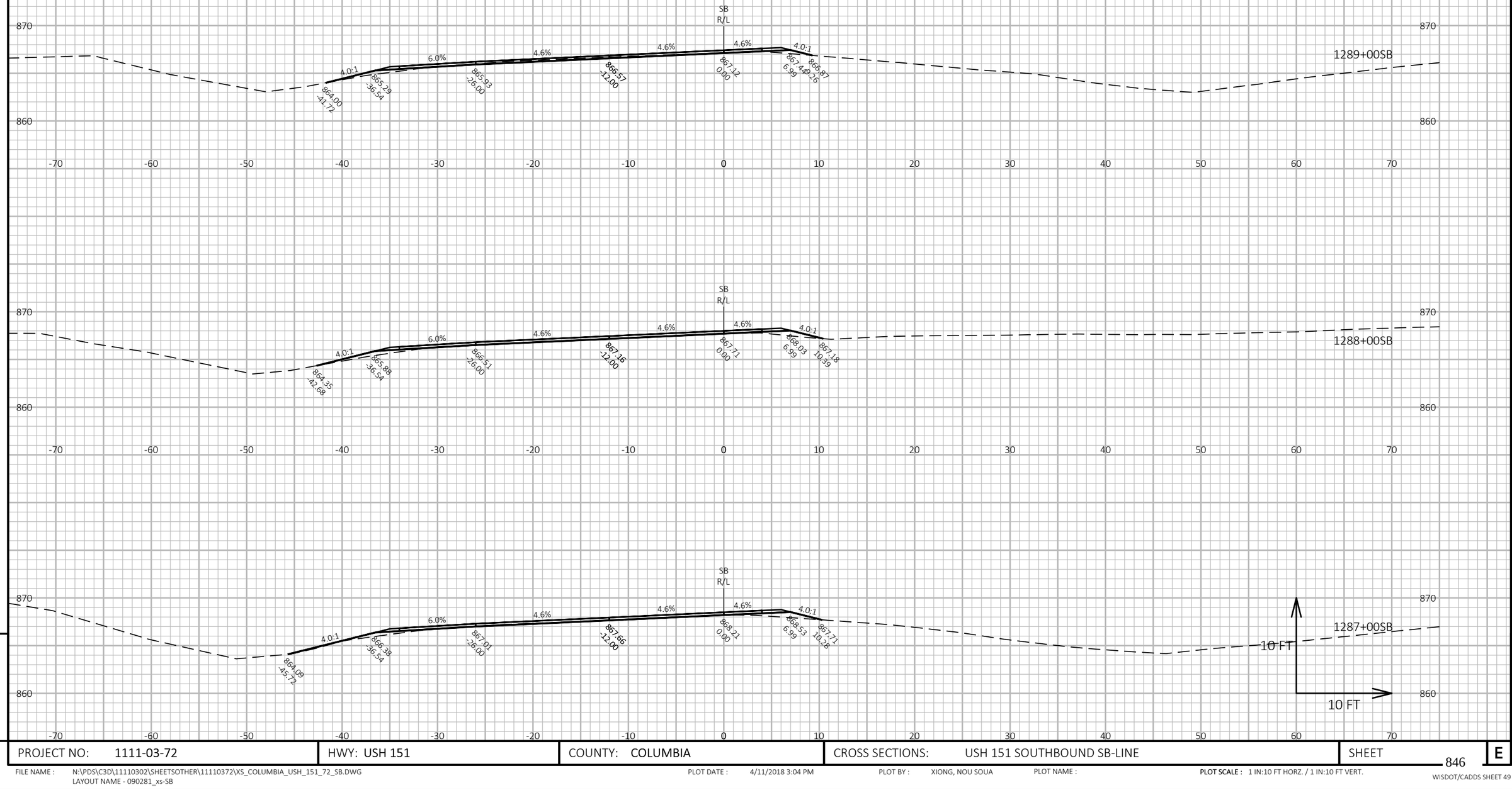


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 845 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
LAYOUT NAME - 090280_xs-SB

PLOT DATE : 4/11/2018 3:04 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

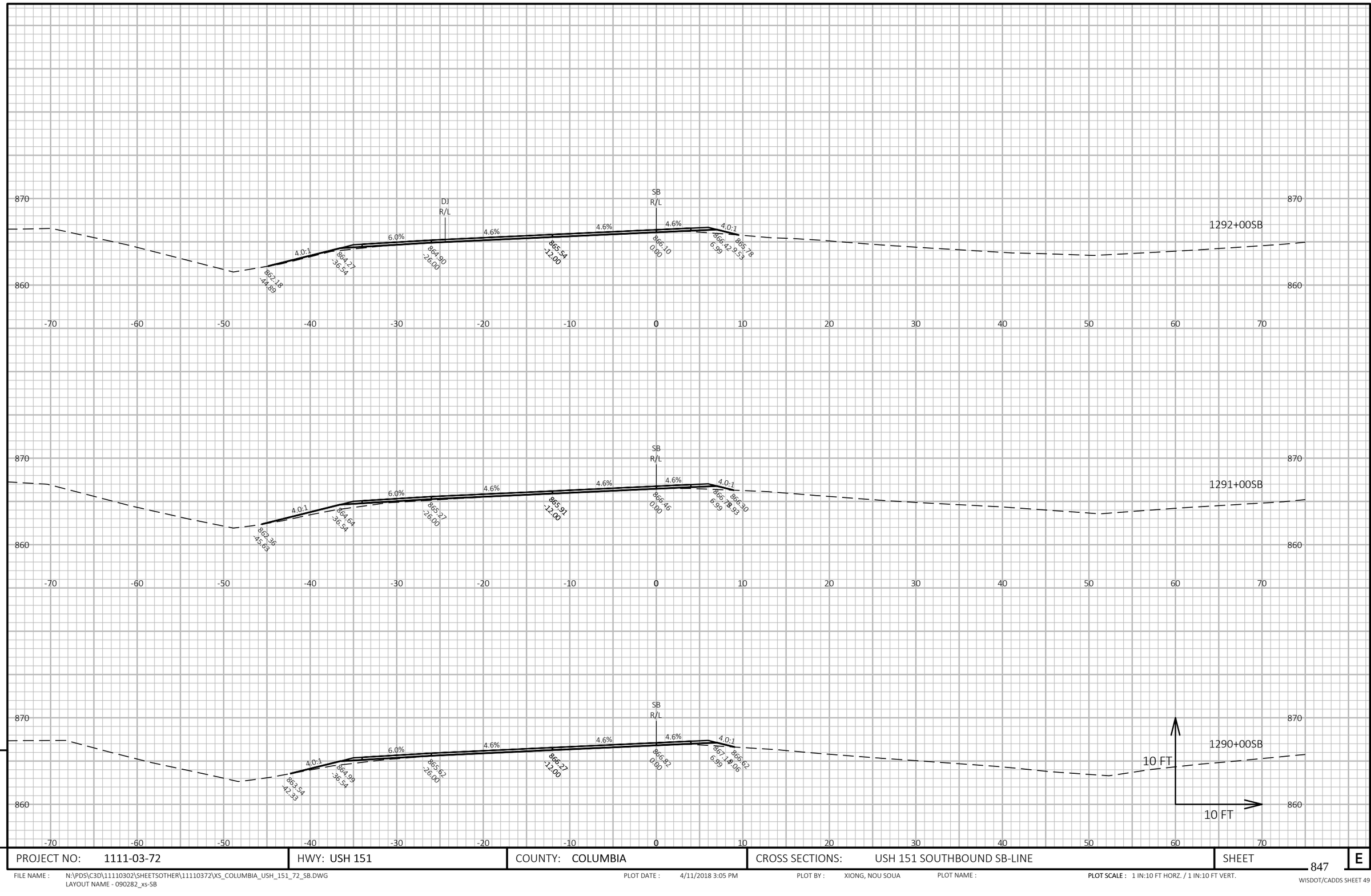


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 846 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
LAYOUT NAME - 090281_xs-SB

PLOT DATE : 4/11/2018 3:04 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 847	E

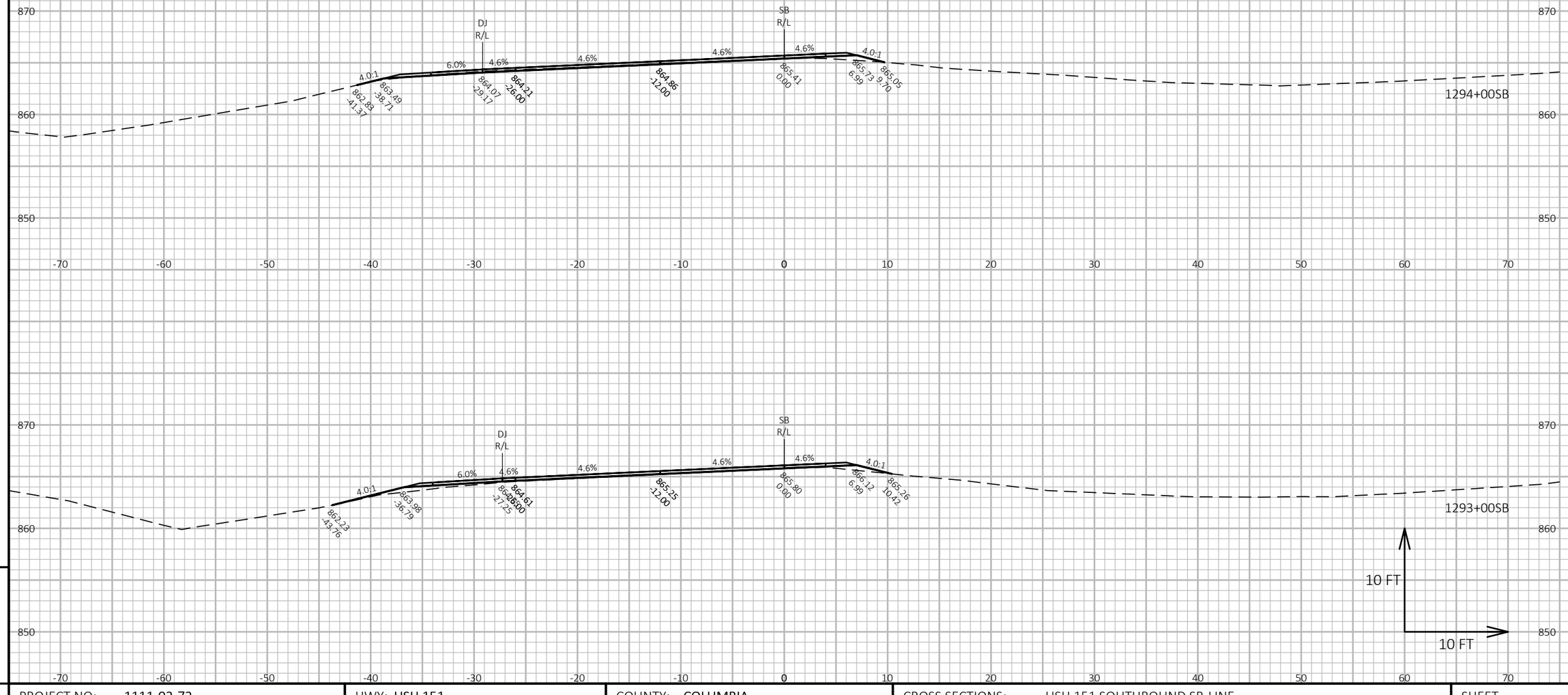
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LAYOUT NAME - 090282_xs-SB

PLOT DATE : 4/11/2018 3:05 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

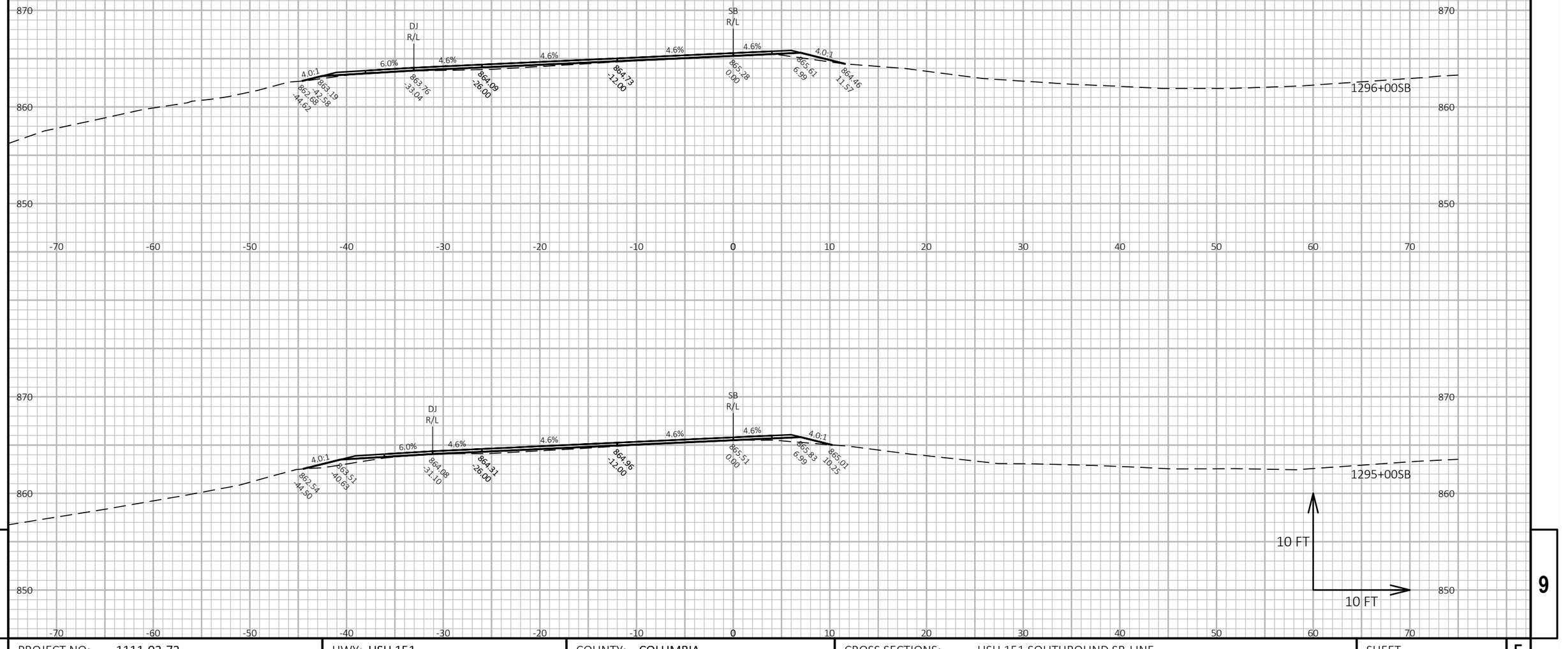


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 848 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
LAYOUT NAME - 090283_xs-SB

PLOT DATE : 4/11/2018 3:05 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 849	E

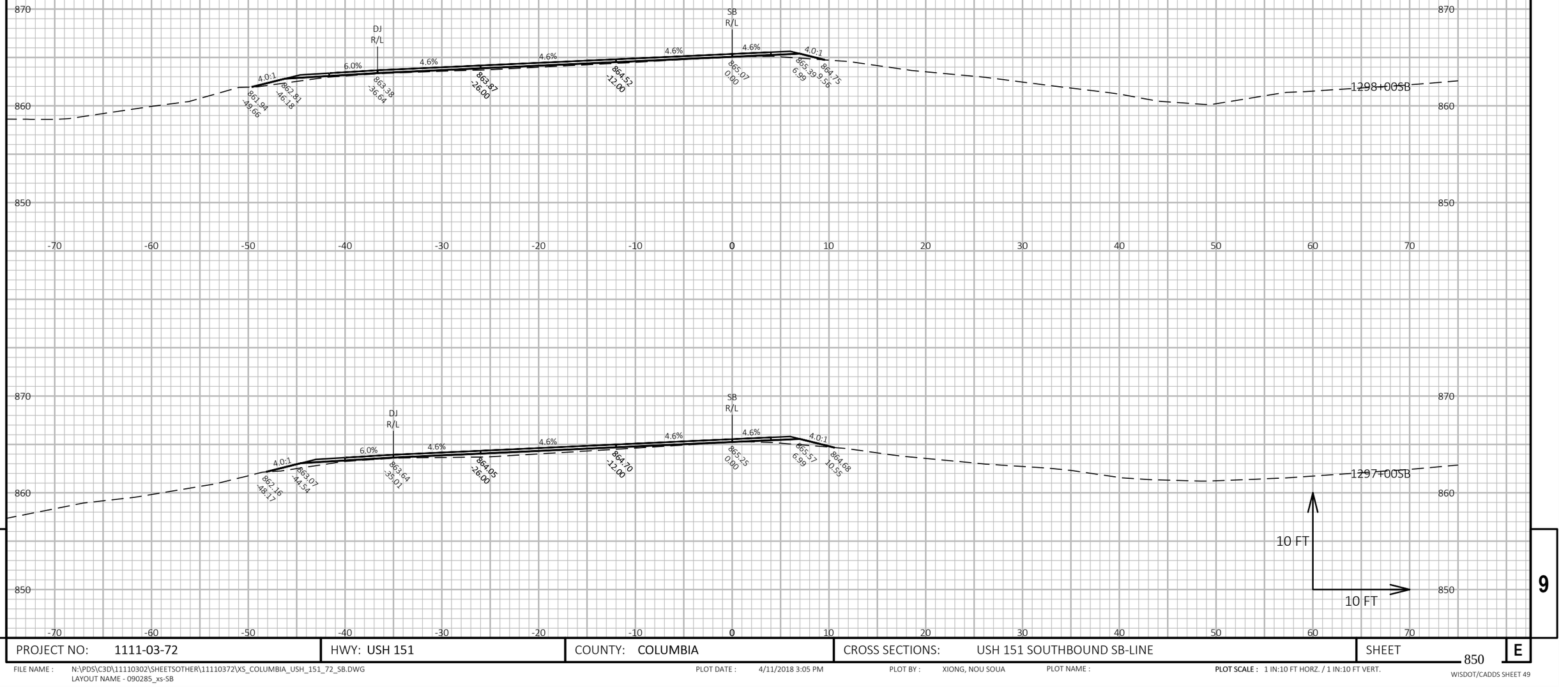
FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
LAYOUT NAME - 090284_xs-SB

PLOT DATE : 4/11/2018 3:05 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 850	E

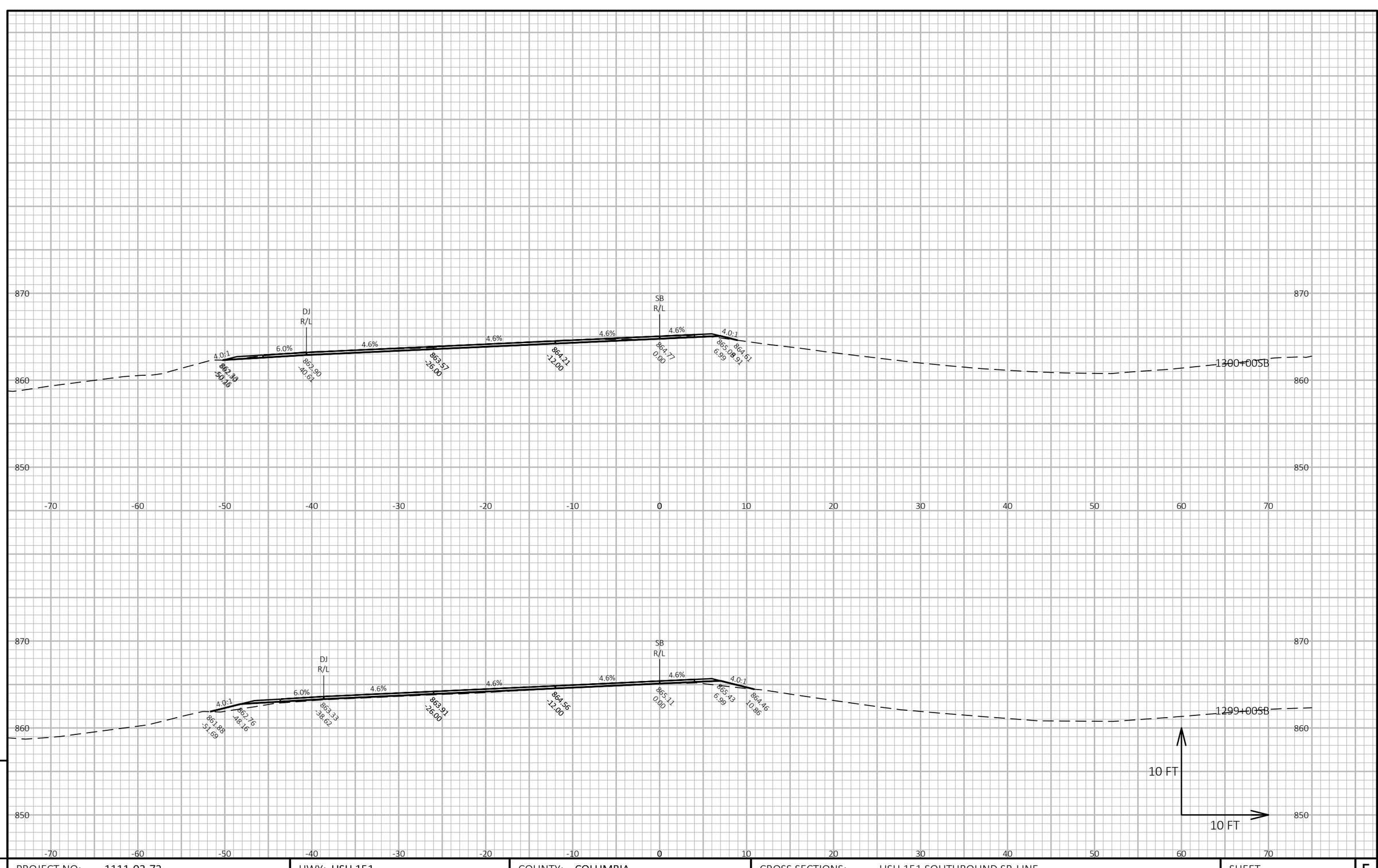
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LAYOUT NAME - 090285_xs-SB

PLOT DATE : 4/11/2018 3:05 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

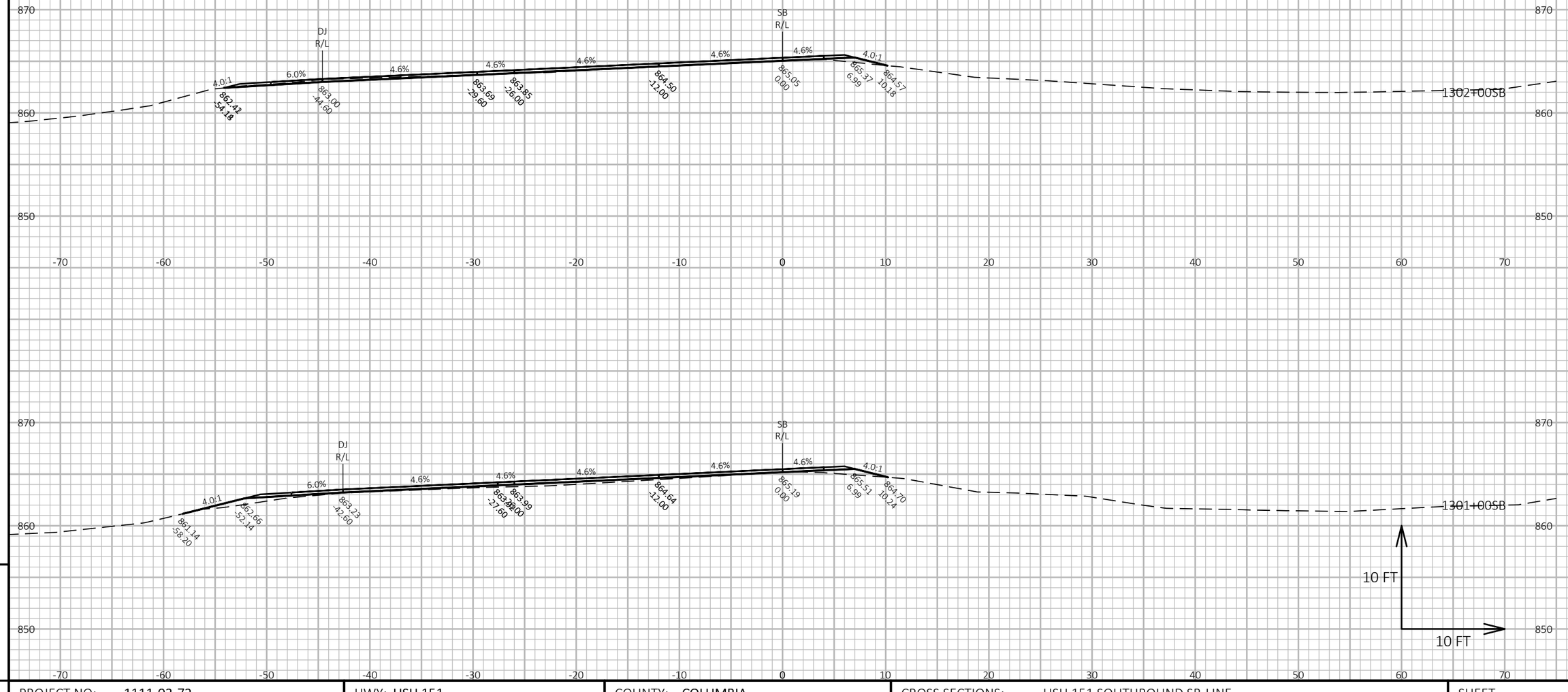


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 851 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
LAYOUT NAME - 090286_xs-SB

PLOT DATE : 4/11/2018 3:05 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

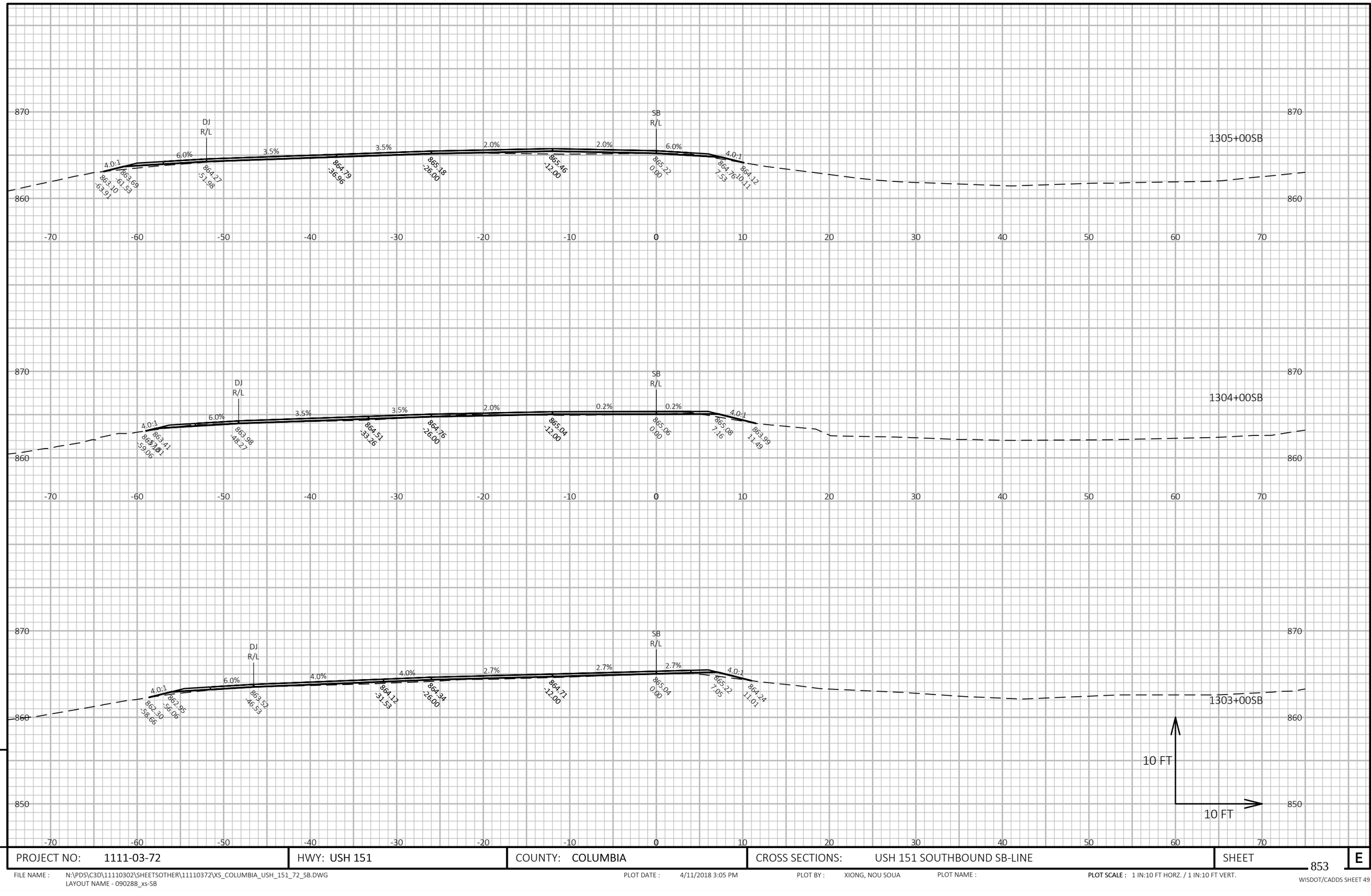


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 852 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
LAYOUT NAME - 090287_xs-SB

PLOT DATE : 4/11/2018 3:05 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



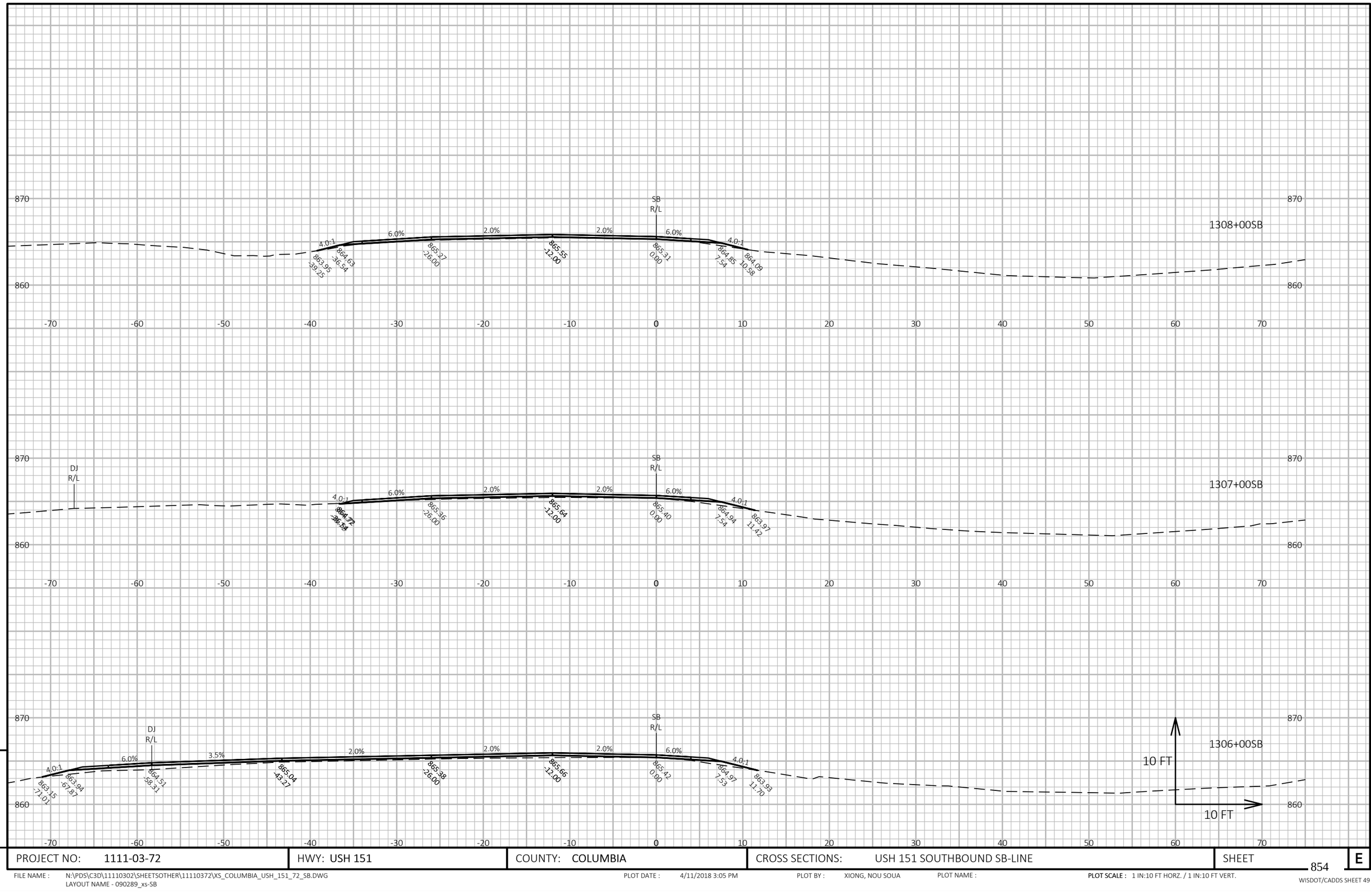
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 853	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
LAYOUT NAME - 090288_xs-SB

PLOT DATE : 4/11/2018 3:05 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 854	E

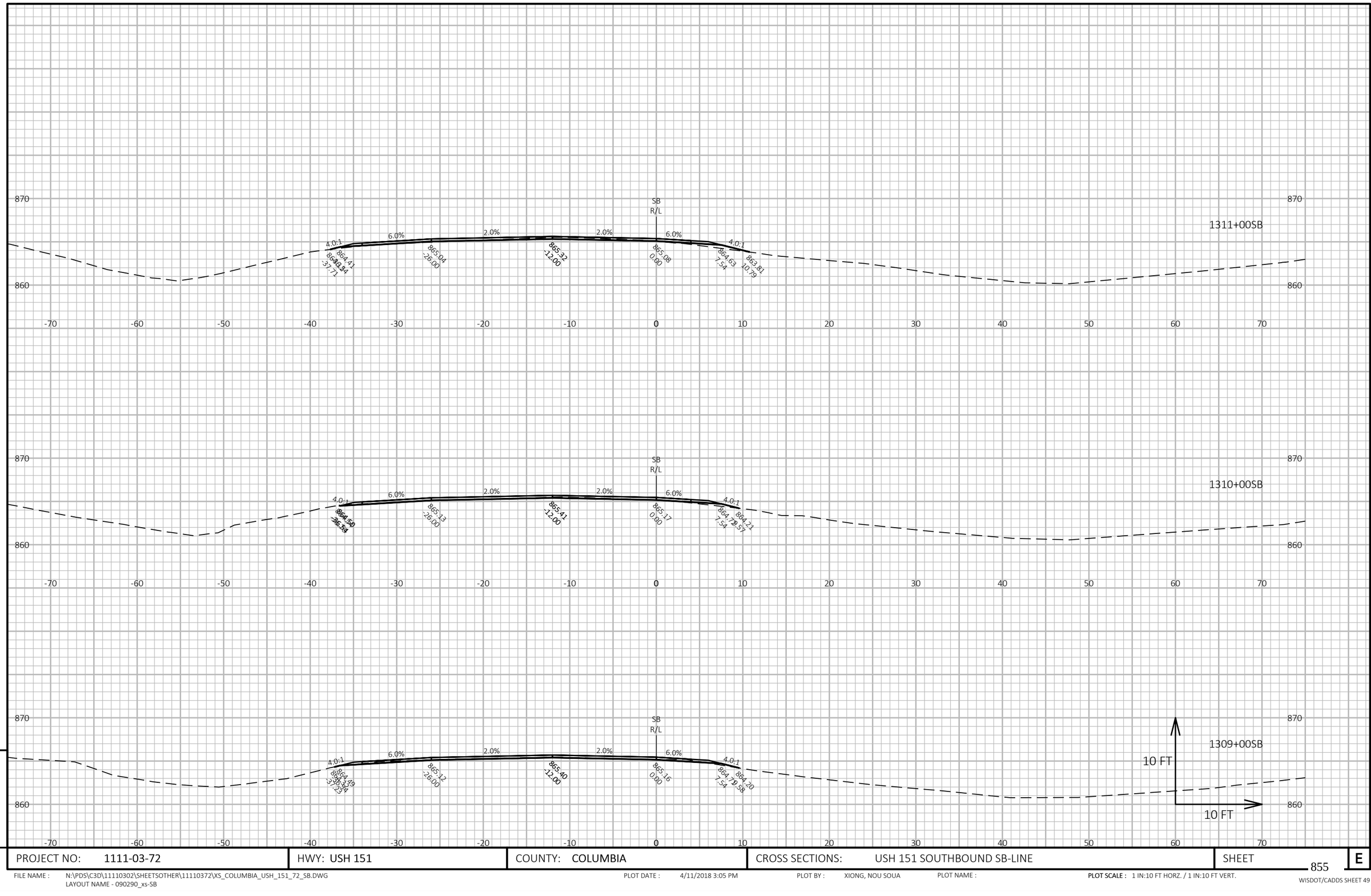
FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
LAYOUT NAME - 090289_xs-SB

PLOT DATE : 4/11/2018 3:05 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 855	E

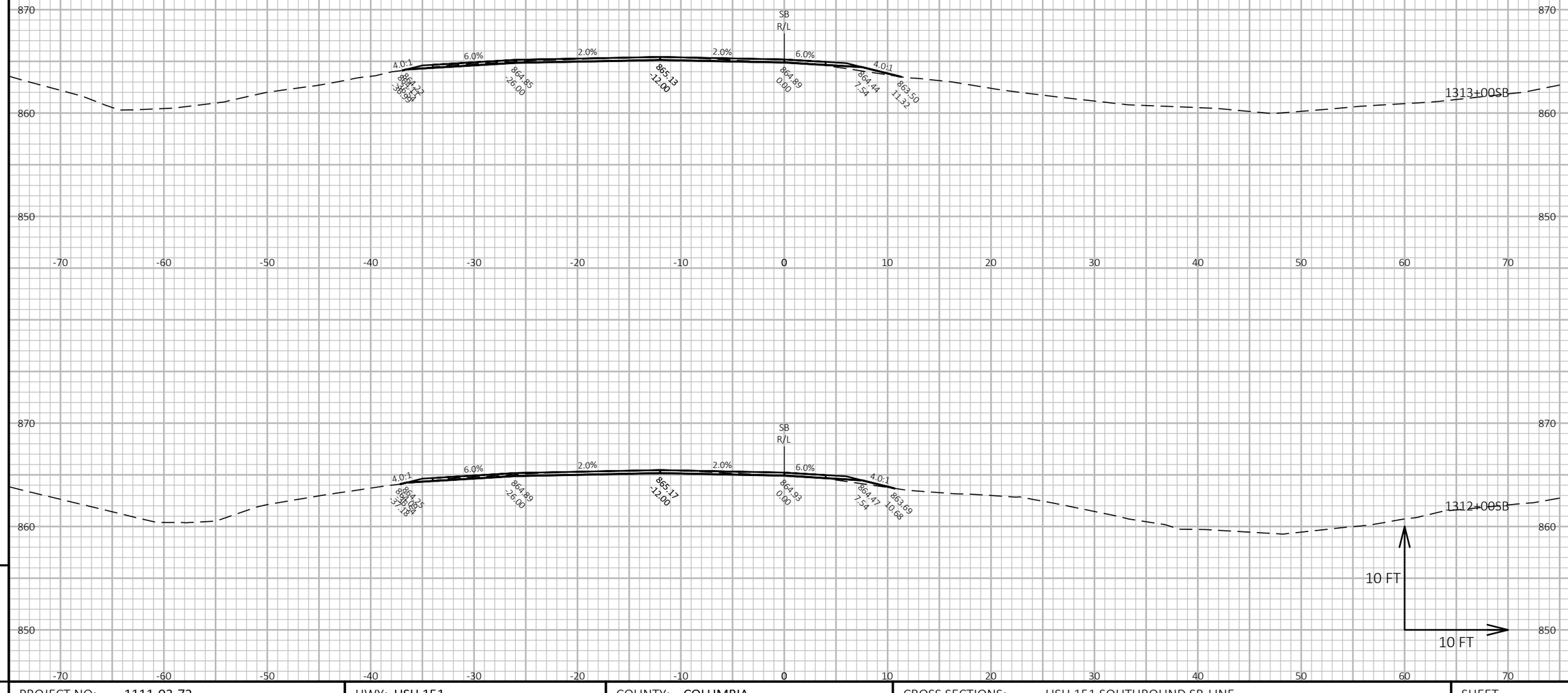
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LAYOUT NAME - 090290_xs-SB

PLOT DATE : 4/11/2018 3:05 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 856	E

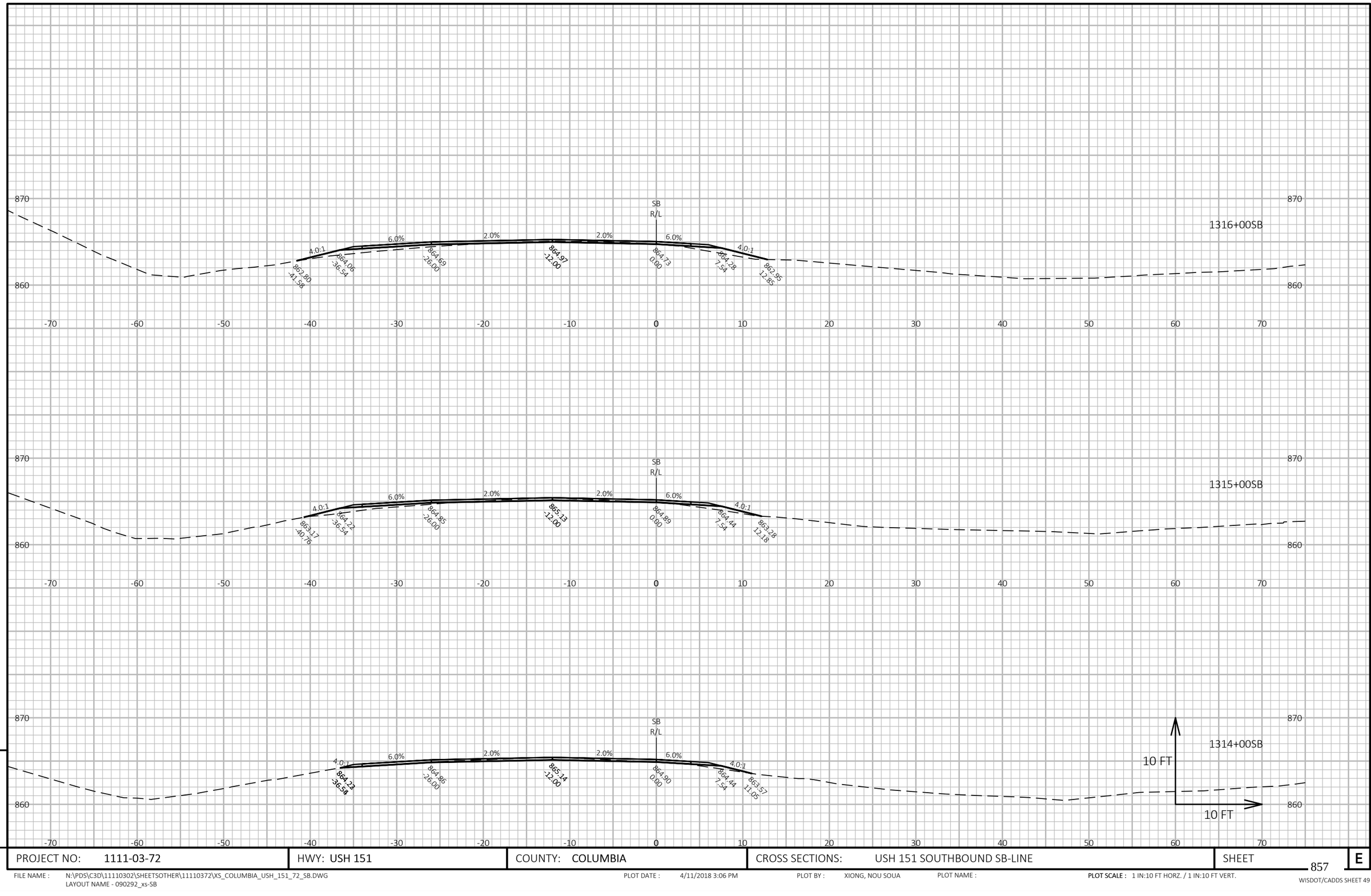
FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
LAYOUT NAME - 090291_xs-SB

PLOT DATE : 4/11/2018 3:05 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 857	E

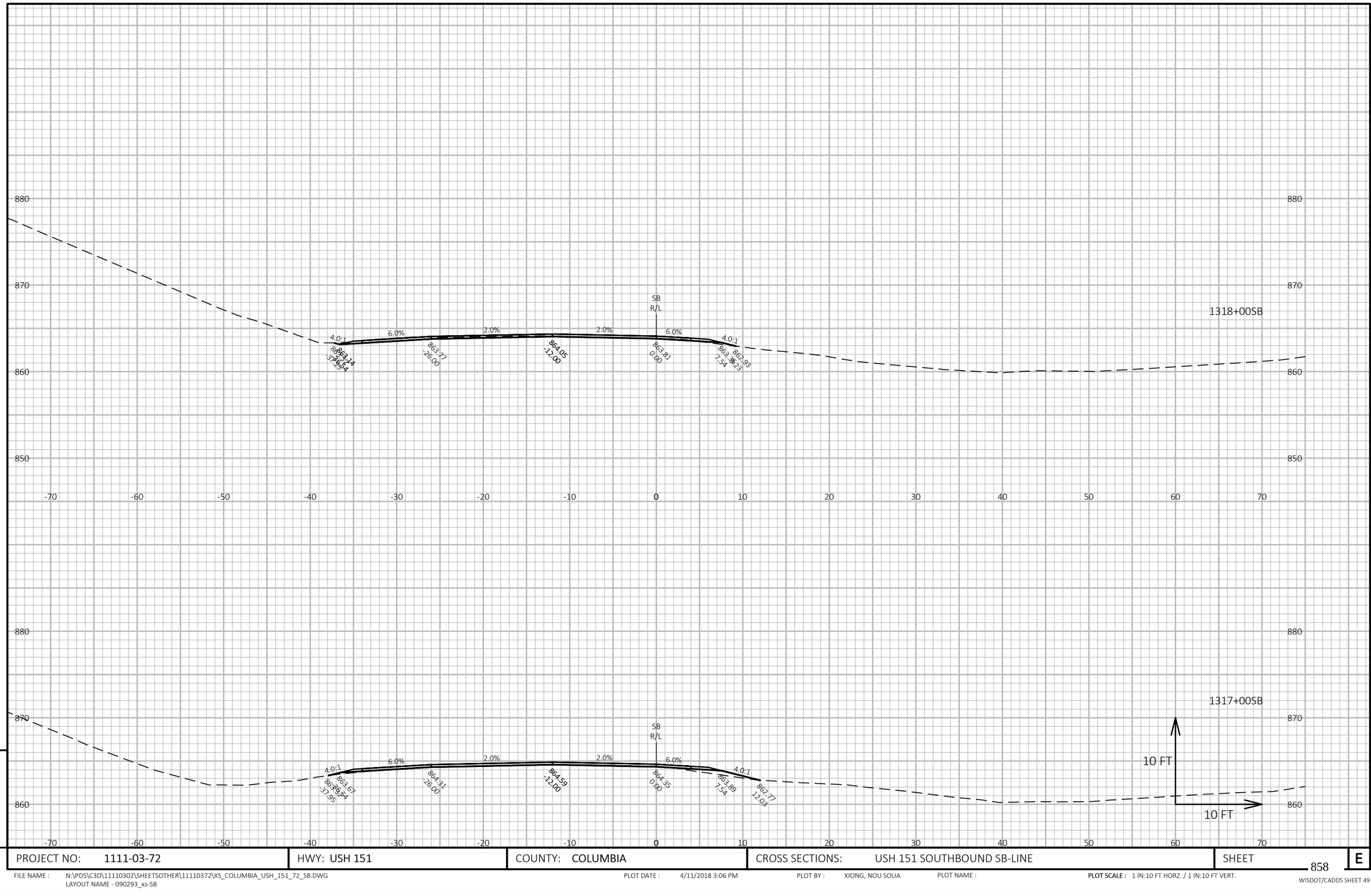
FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
LAYOUT NAME - 090292_xs-SB

PLOT DATE : 4/11/2018 3:06 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

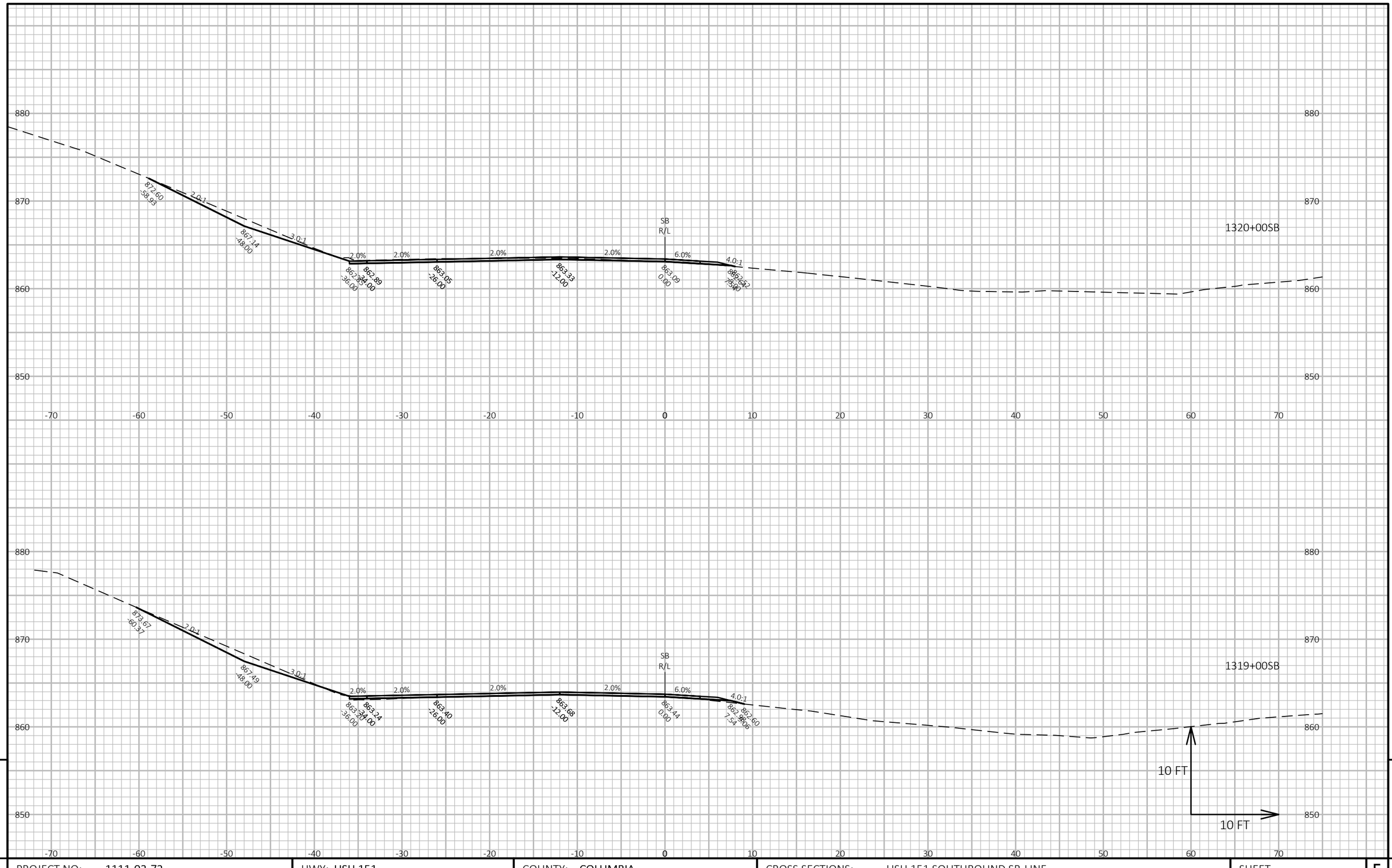


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 858 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
LAYOUT NAME - 090293_xs-SB

PLOT DATE : 4/11/2018 3:06 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 859	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
LAYOUT NAME - 090294_xs-SB

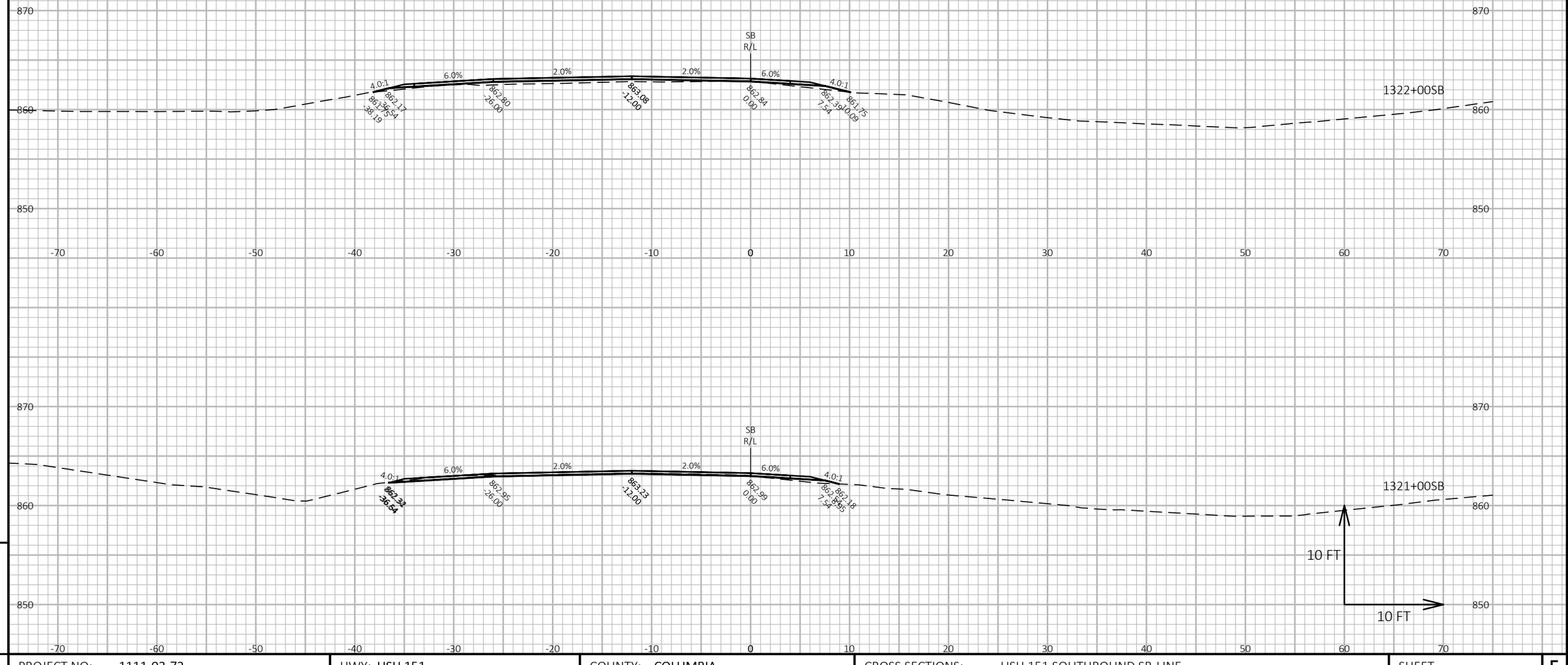
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PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



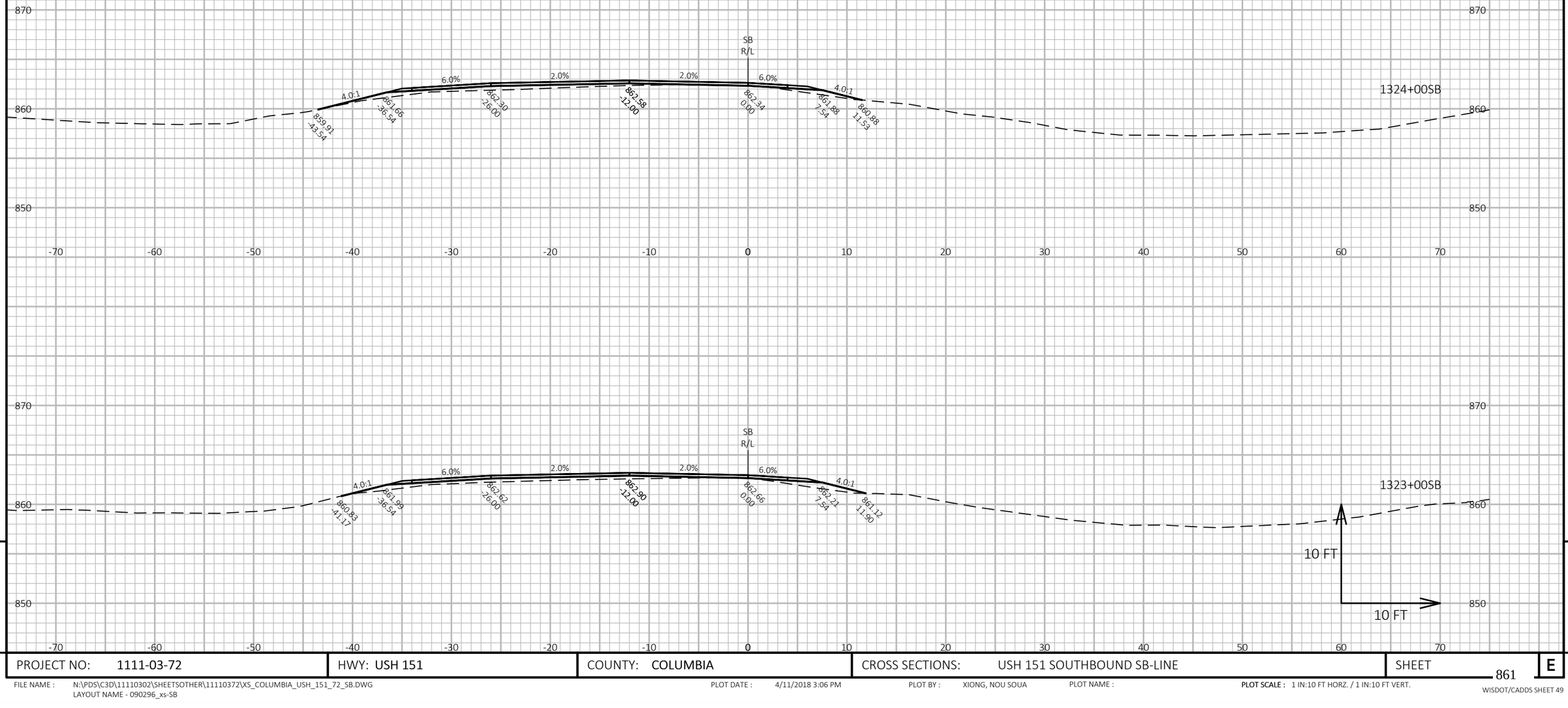
PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 860 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
LAYOUT NAME - 090295_xs-SB

PLOT DATE : 4/11/2018 3:06 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 861	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
LAYOUT NAME - 090296_xs-SB

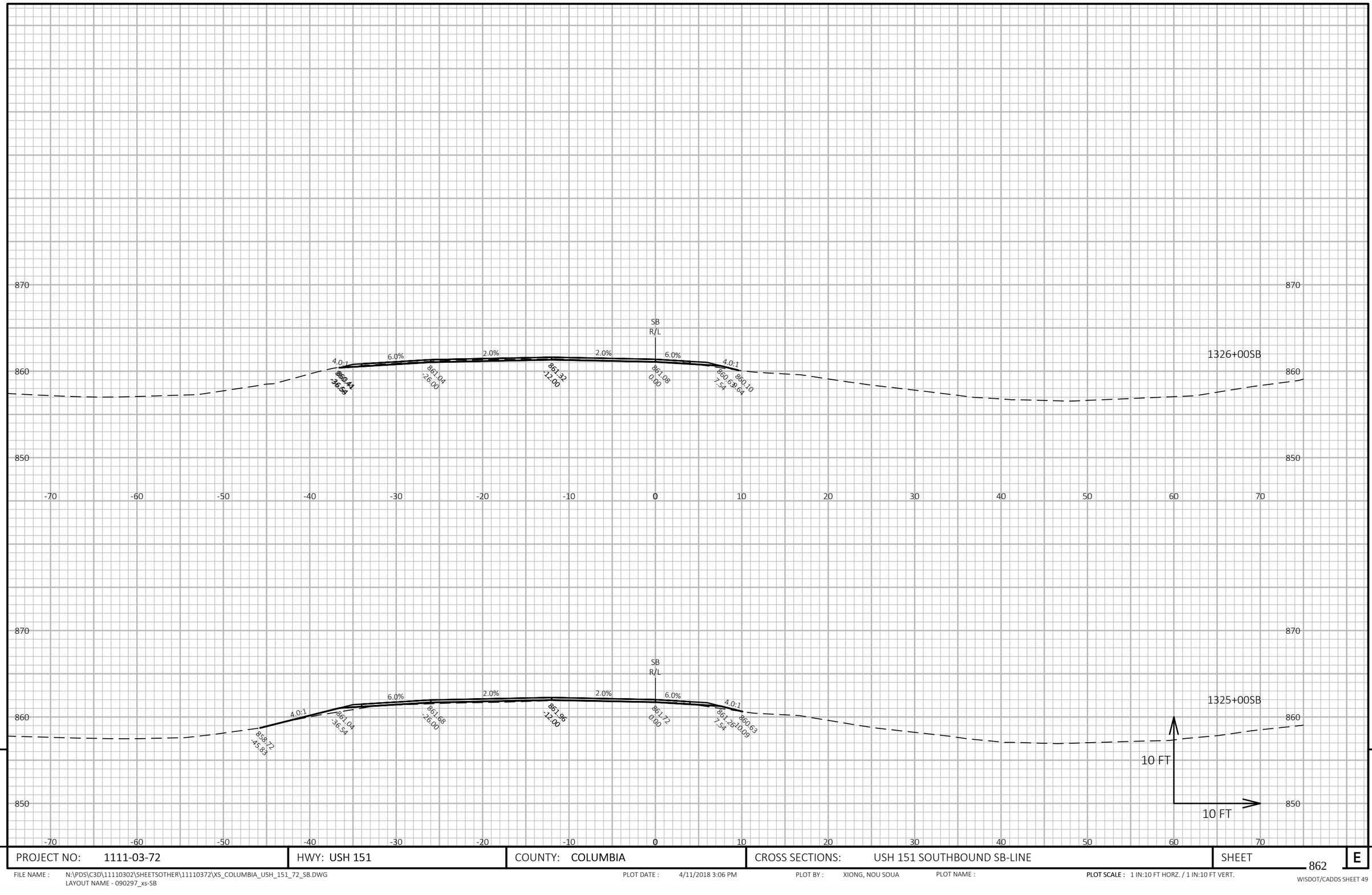
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PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 862	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
LAYOUT NAME - 090297_xs-SB

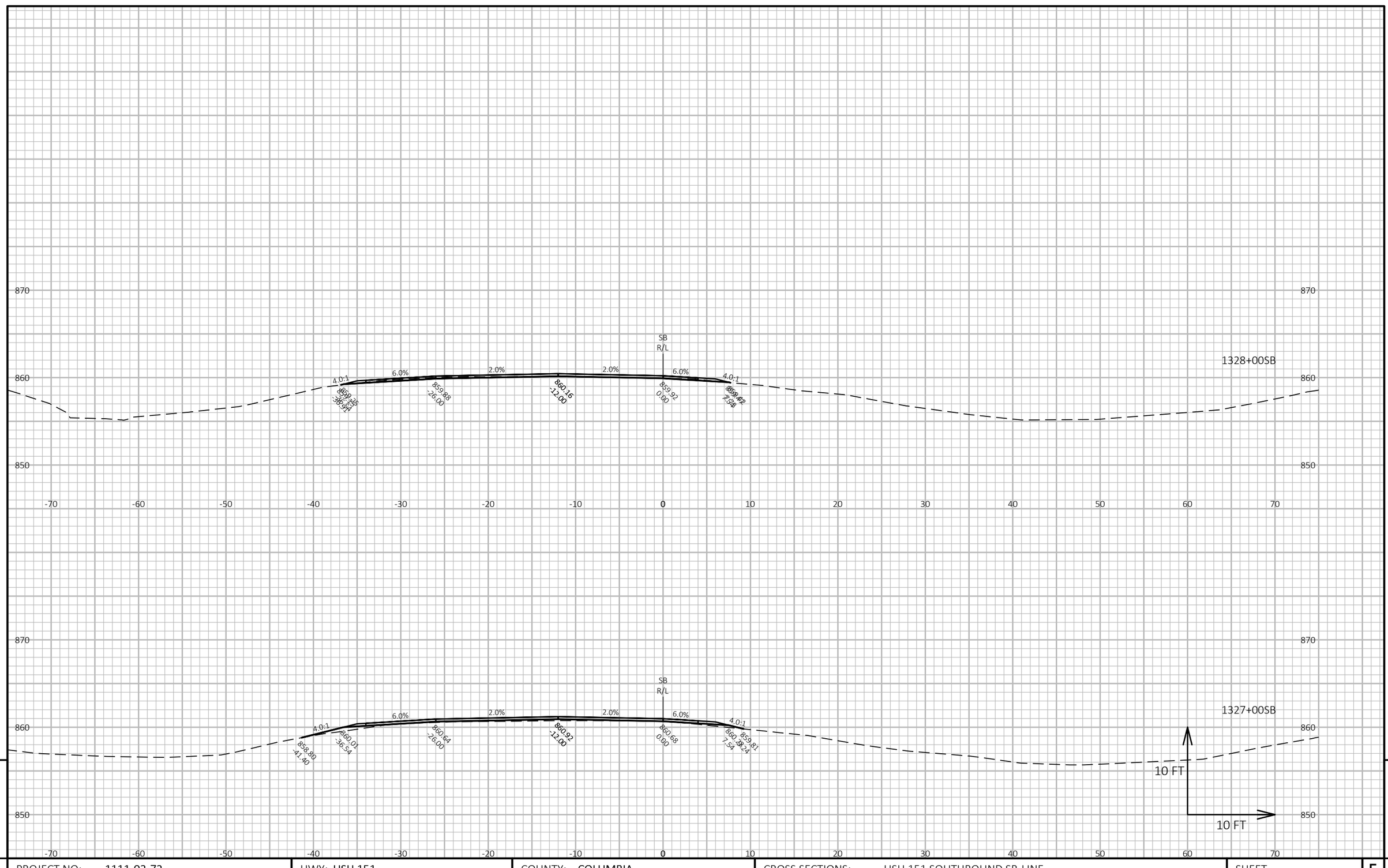
PLOT DATE : 4/11/2018 3:06 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

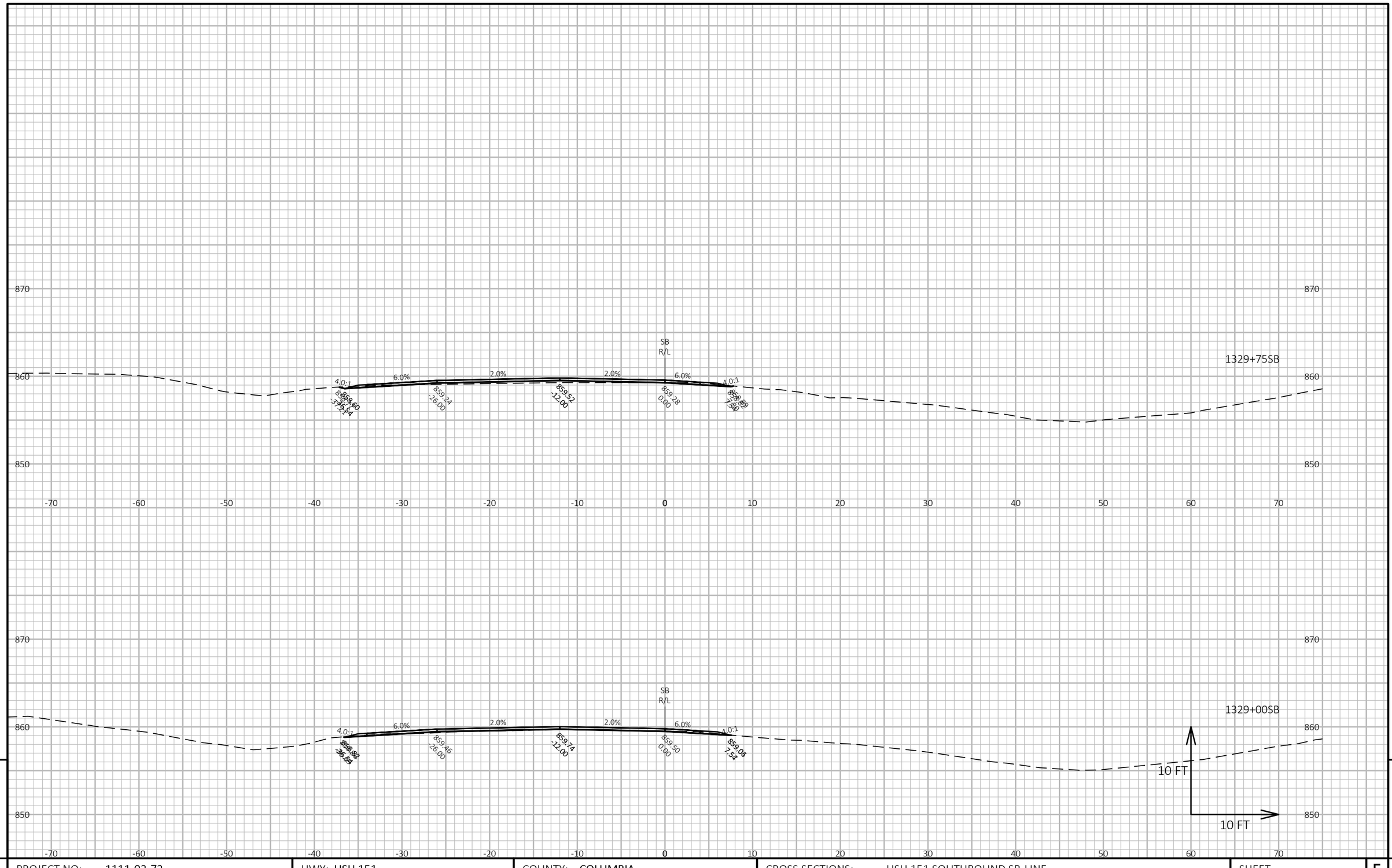


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 863 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
LAYOUT NAME - 090298_xs-SB

PLOT DATE : 4/11/2018 3:06 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 SOUTHBOUND SB-LINE	SHEET 864	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_COLUMBIA_USH_151_72_SB.DWG
LAYOUT NAME - 090299_xs-SB

PLOT DATE : 4/11/2018 3:06 PM

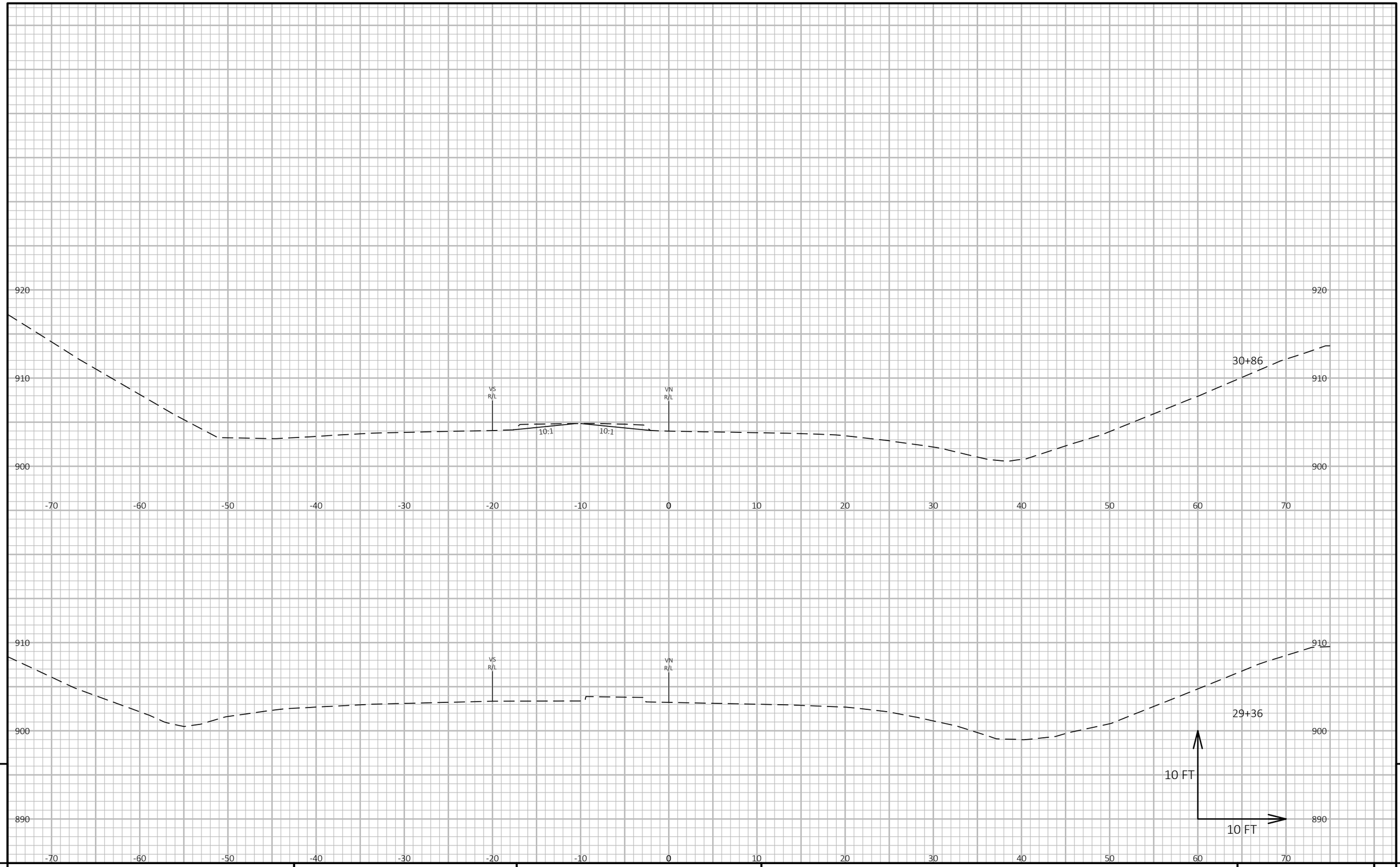
PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

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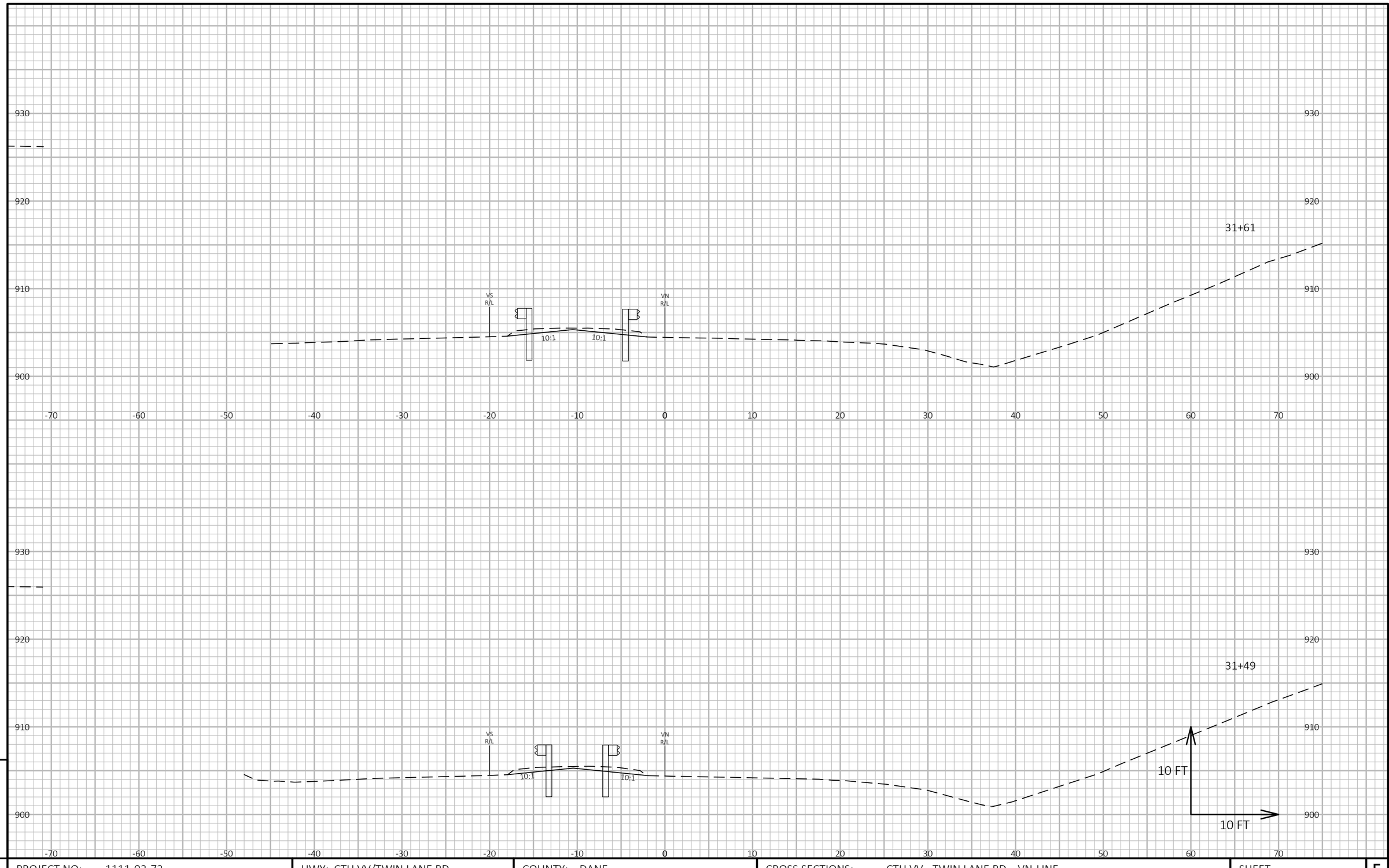
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PROJECT NO: 1111-03-72	HWY: CTH VV/TWIN LANE RD	COUNTY: DANE	CROSS SECTIONS: CTH VV - TWIN LANE RD VN-LINE	SHEET 865	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_CTH_VV_72.DWG
LAYOUT NAME - Section Sheet - (1)

PLOT DATE : 4/20/2018 2:53 PM PLOT BY : GUIDER, VALERIE S PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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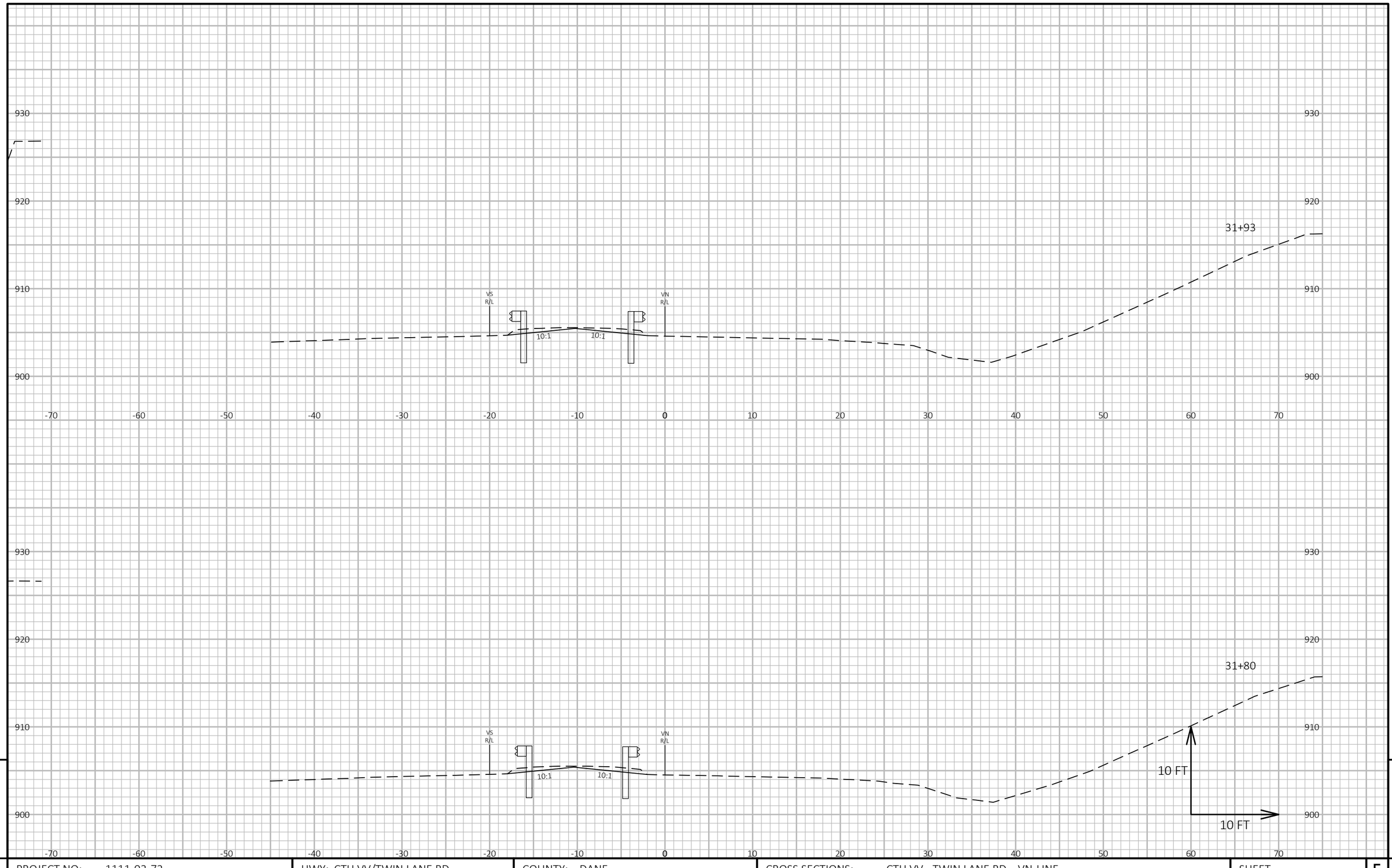
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PROJECT NO: 1111-03-72	HWY: CTH VV/TWIN LANE RD	COUNTY: DANE	CROSS SECTIONS: CTH VV - TWIN LANE RD VN-LINE	SHEET 866	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_CTH_VV_72.DWG
LAYOUT NAME - Section Sheet - (2)

PLOT DATE : 4/20/2018 2:53 PM PLOT BY : GUIDER, VALERIE S PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: CTH VV/TWIN LANE RD	COUNTY: DANE	CROSS SECTIONS: CTH VV - TWIN LANE RD VN-LINE	SHEET 867	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_CTH_VV_72.DWG
LAYOUT NAME - Section Sheet - (3)

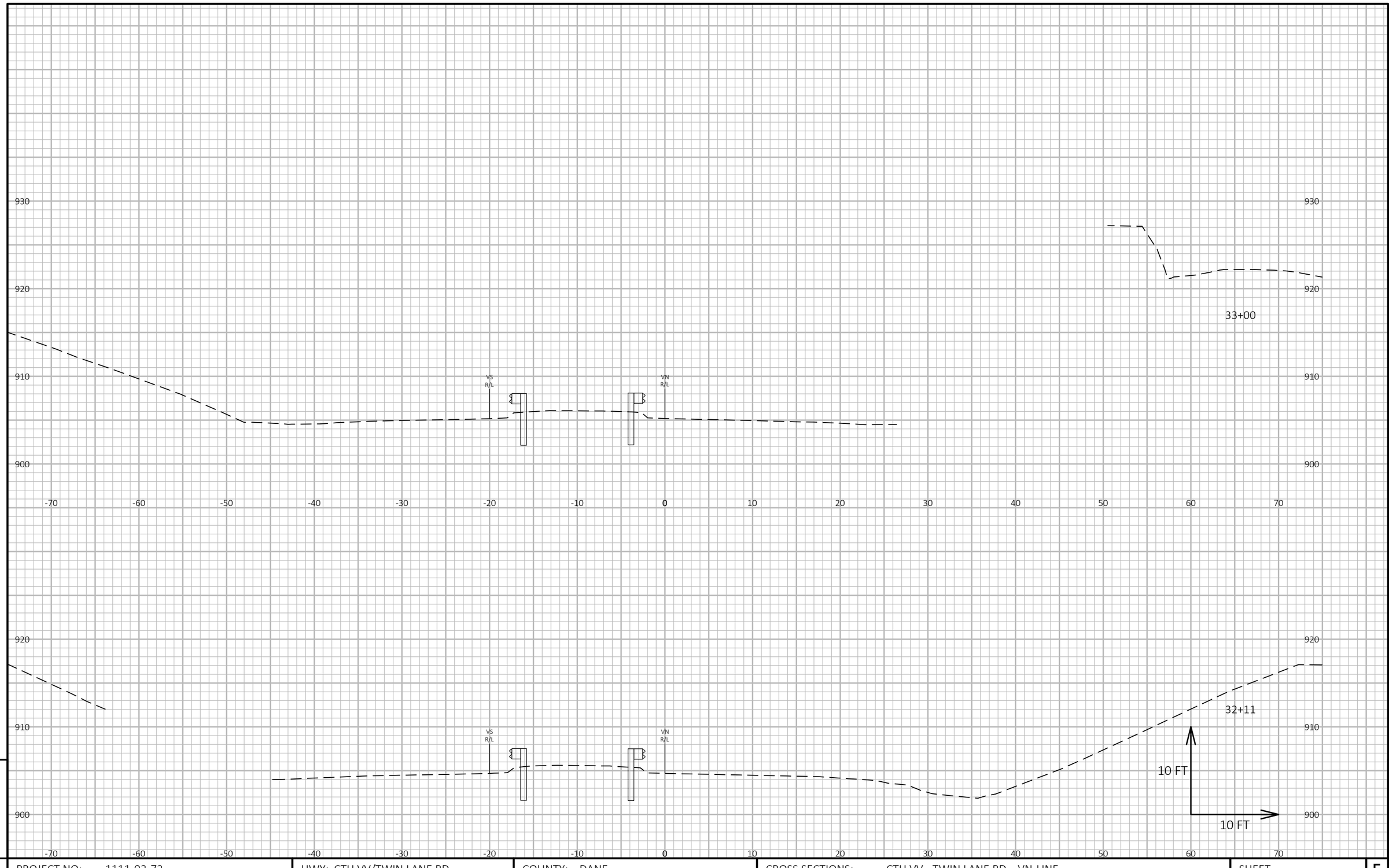
PLOT DATE : 4/20/2018 2:53 PM

PLOT BY : GUIDER, VALERIE S

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: CTH VV/TWIN LANE RD	COUNTY: DANE	CROSS SECTIONS: CTH VV - TWIN LANE RD VN-LINE	SHEET 868	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_CTH_VV_72.DWG
LAYOUT NAME - Section Sheet - (4)

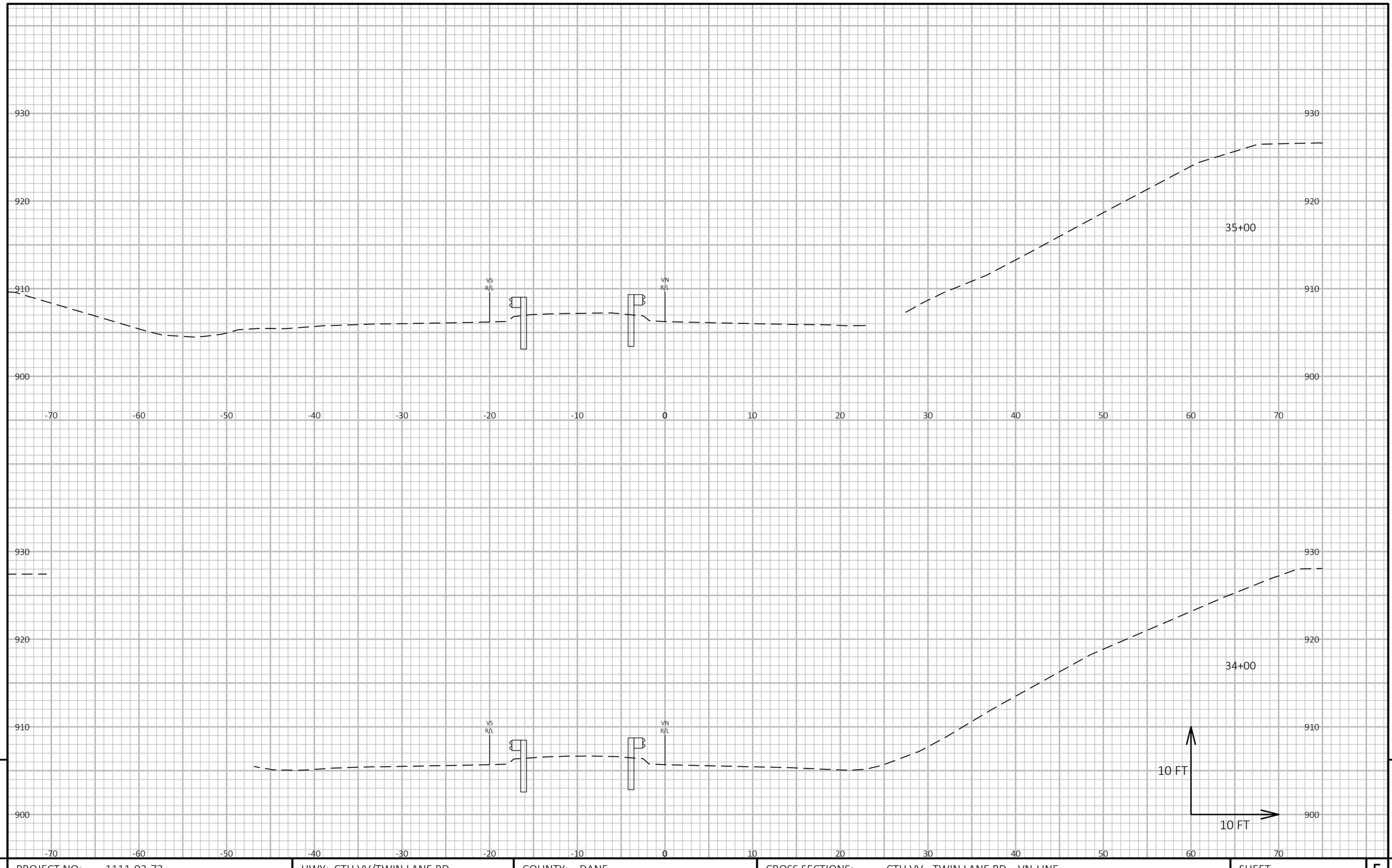
PLOT DATE : 4/20/2018 2:53 PM

PLOT BY : GUIDER, VALERIE S

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 1111-03-72	HWY: CTH VV/TWIN LANE RD	COUNTY: DANE	CROSS SECTIONS: CTH VV - TWIN LANE RD VN-LINE	SHEET 869	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_CTH_VV_72.DWG
LAYOUT NAME - Section Sheet - (5)

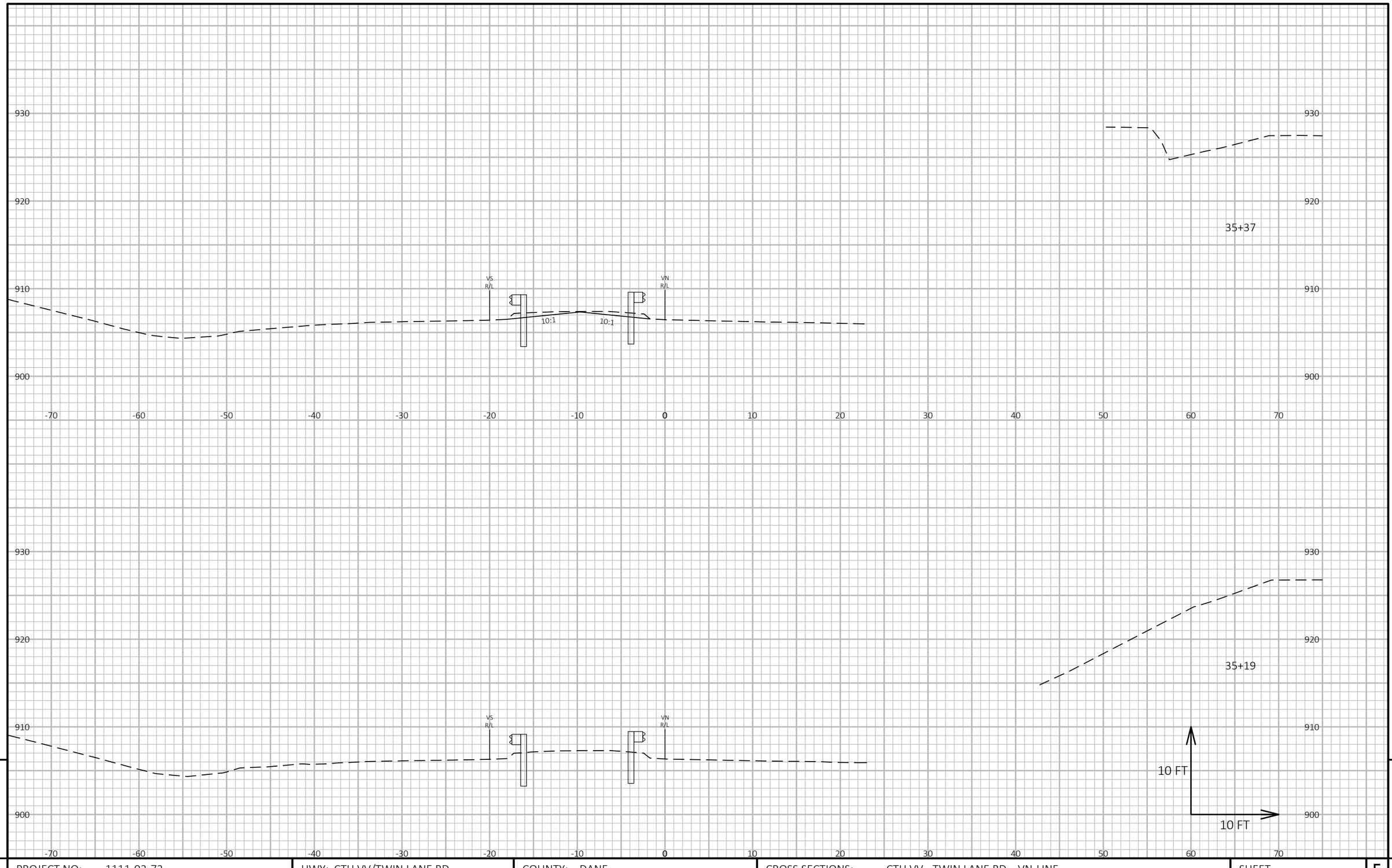
PLOT DATE : 4/20/2018 2:53 PM

PLOT BY : GUIDER, VALERIE S

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

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PROJECT NO: 1111-03-72	HWY: CTH VV/TWIN LANE RD	COUNTY: DANE	CROSS SECTIONS: CTH VV - TWIN LANE RD VN-LINE	SHEET 870	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_CTH_VV_72.DWG
LAYOUT NAME - Section Sheet - (6)

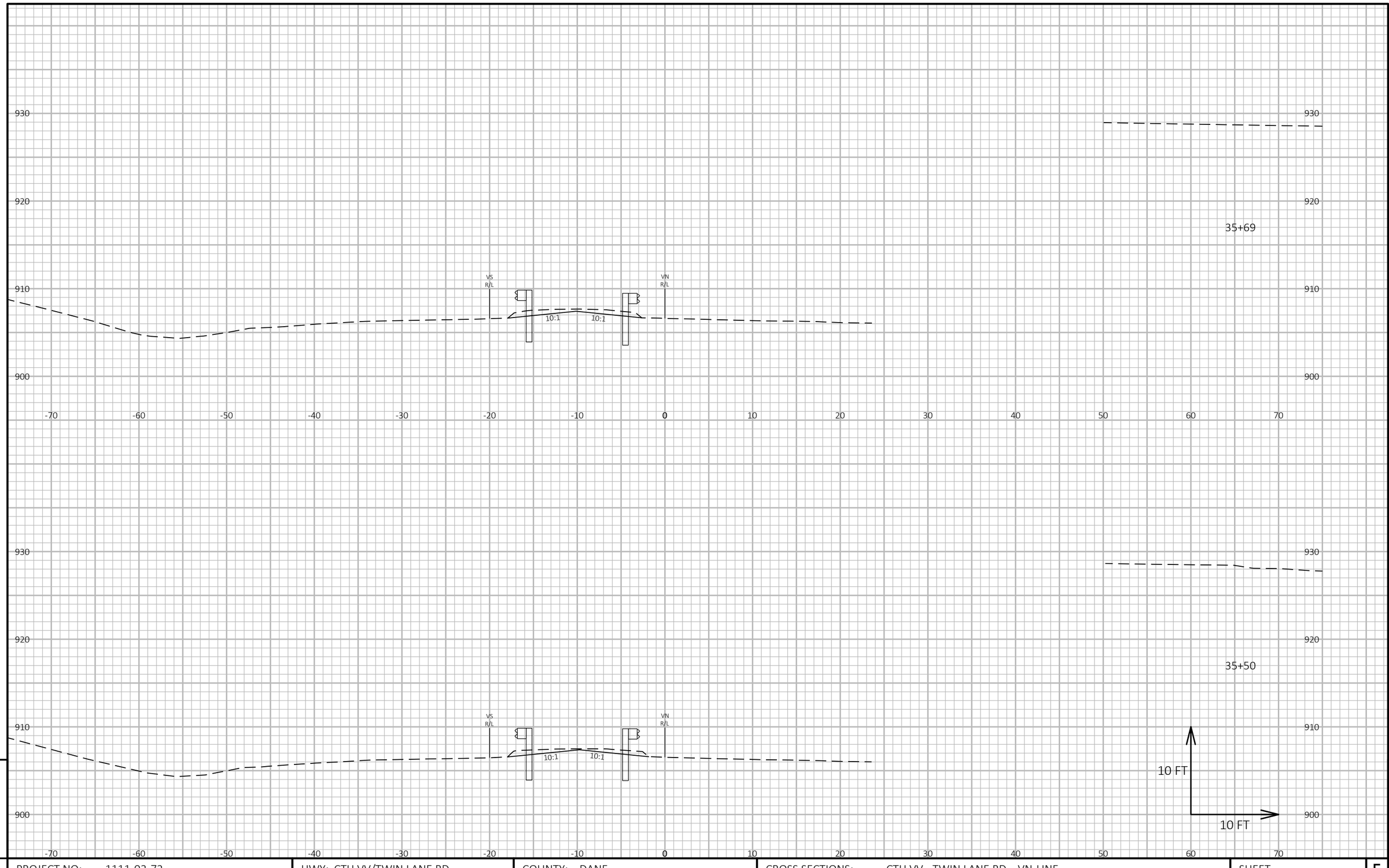
PLOT DATE : 4/20/2018 2:53 PM

PLOT BY : GUIDER, VALERIE S

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 1111-03-72	HWY: CTH VV/TWIN LANE RD	COUNTY: DANE	CROSS SECTIONS: CTH VV - TWIN LANE RD VN-LINE	SHEET 871	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_CTH_VV_72.DWG
LAYOUT NAME - Section Sheet - (7)

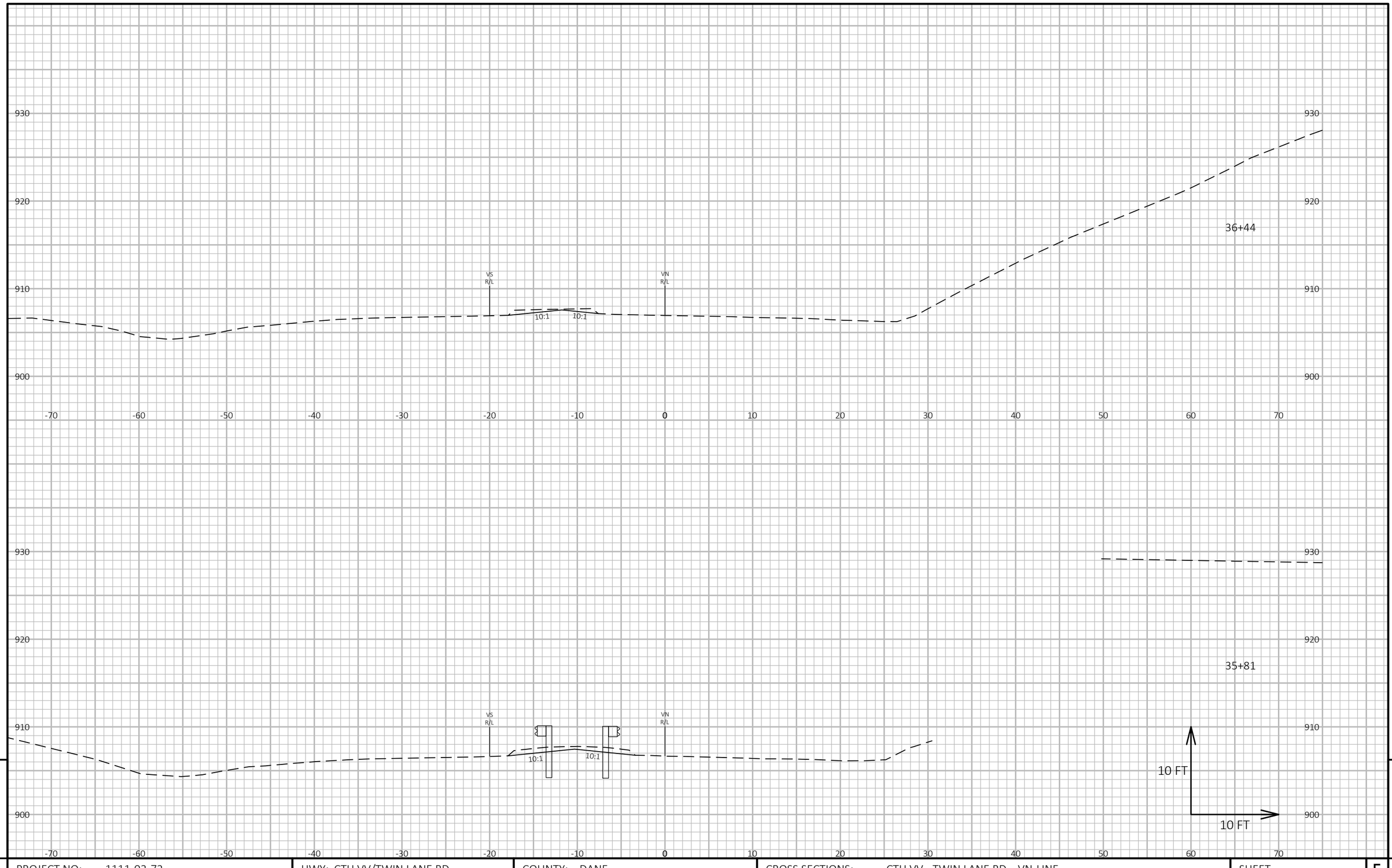
PLOT DATE : 4/20/2018 2:53 PM

PLOT BY : GUIDER, VALERIE S

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 1111-03-72	HWY: CTH VV/TWIN LANE RD	COUNTY: DANE	CROSS SECTIONS: CTH VV - TWIN LANE RD VN-LINE	SHEET 872	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_CTH_VV_72.DWG
LAYOUT NAME - Section Sheet - (8)

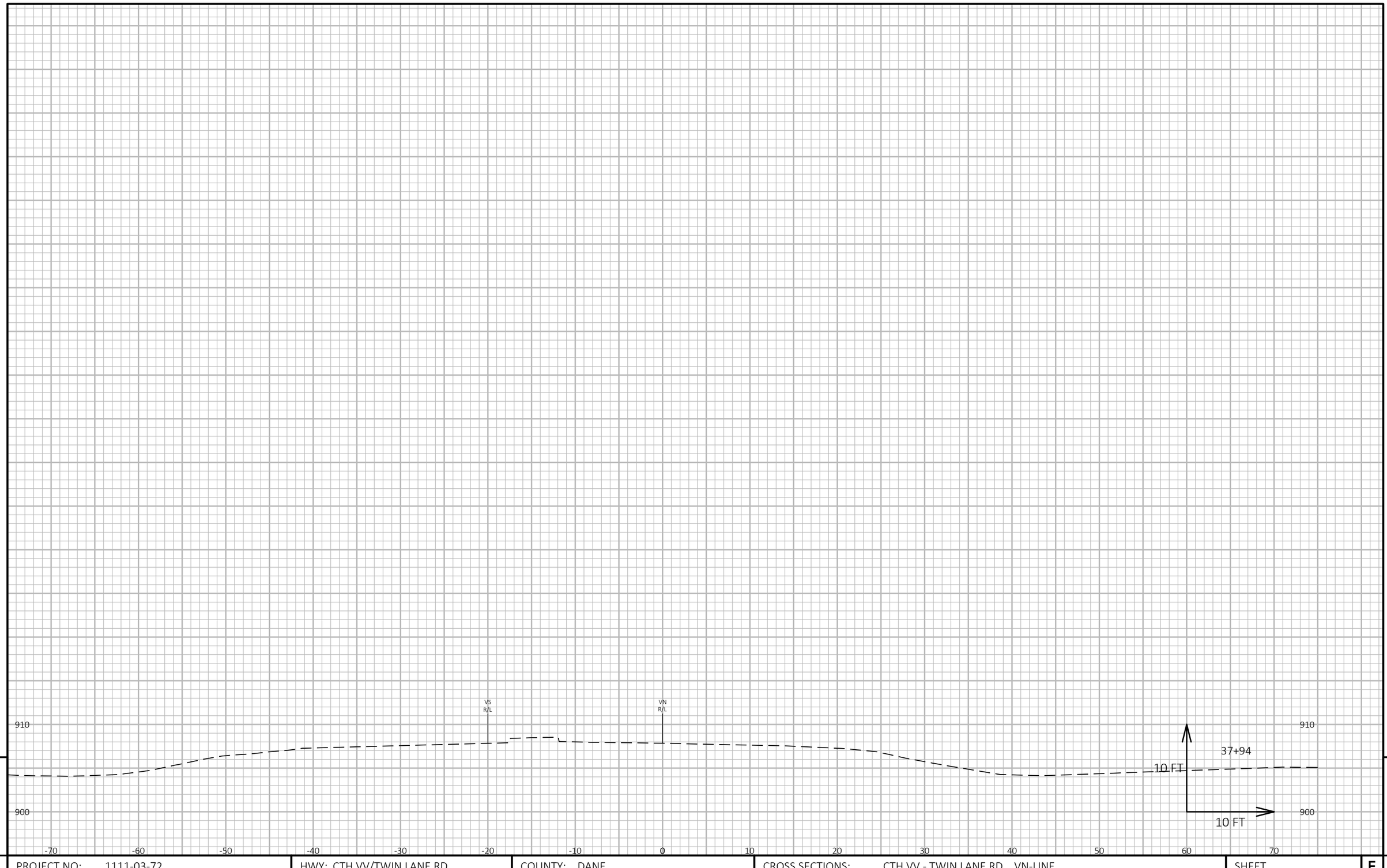
PLOT DATE : 4/20/2018 2:53 PM

PLOT BY : GUIDER, VALERIE S

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 1111-03-72	HWY: CTH VV/TWIN LANE RD	COUNTY: DANE	CROSS SECTIONS: CTH VV - TWIN LANE RD VN-LINE	SHEET 873	E

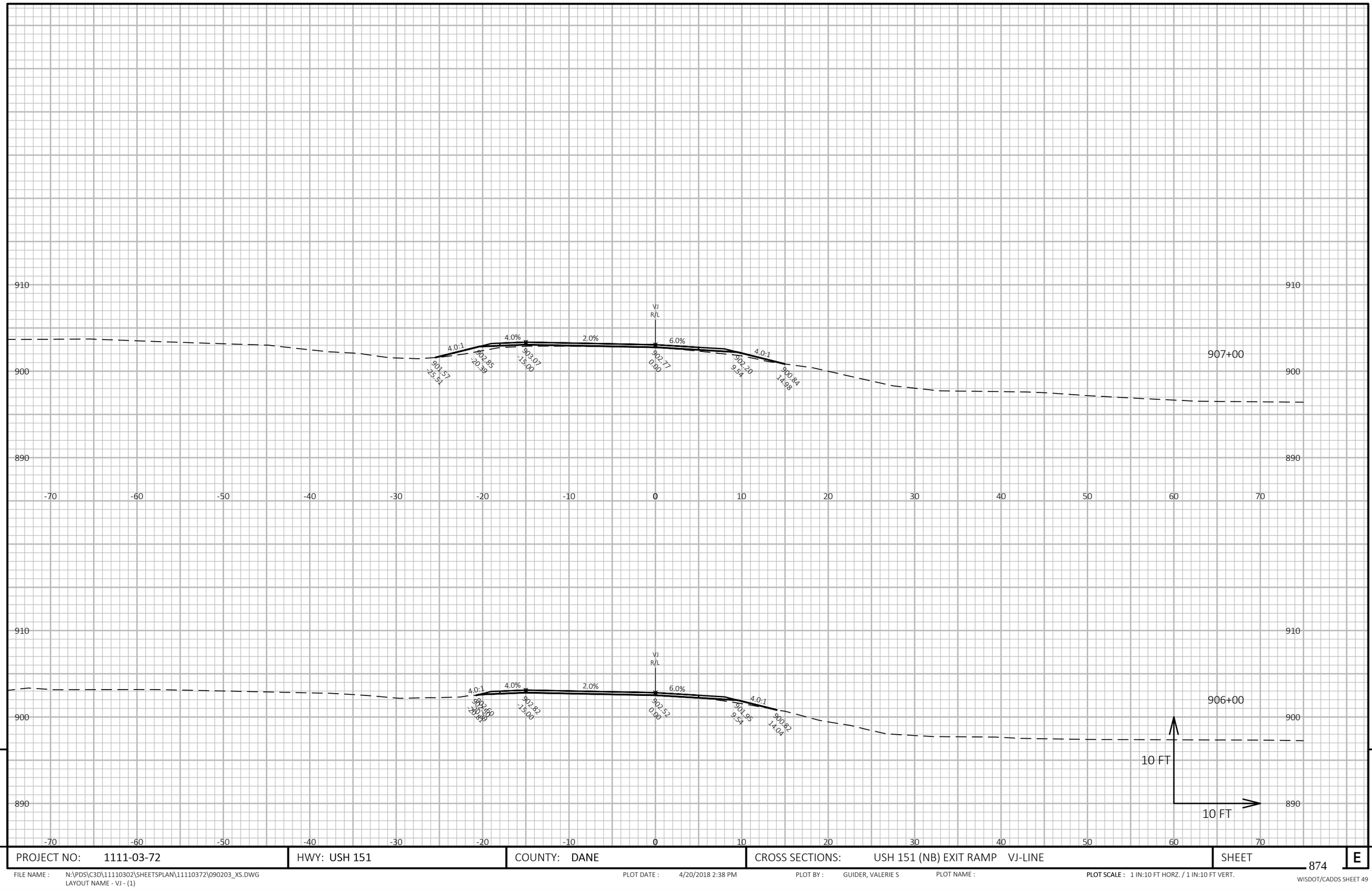
FILE NAME : N:\PDS\C3D\11110302\SHEETSOTHER\11110372\XS_DANE_CTH_VV_72.DWG
LAYOUT NAME - Section Sheet - (9)

PLOT DATE : 4/20/2018 2:53 PM

PLOT BY : GUIDER, VALERIE S

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 (NB) EXIT RAMP VJ-LINE	SHEET 874	E

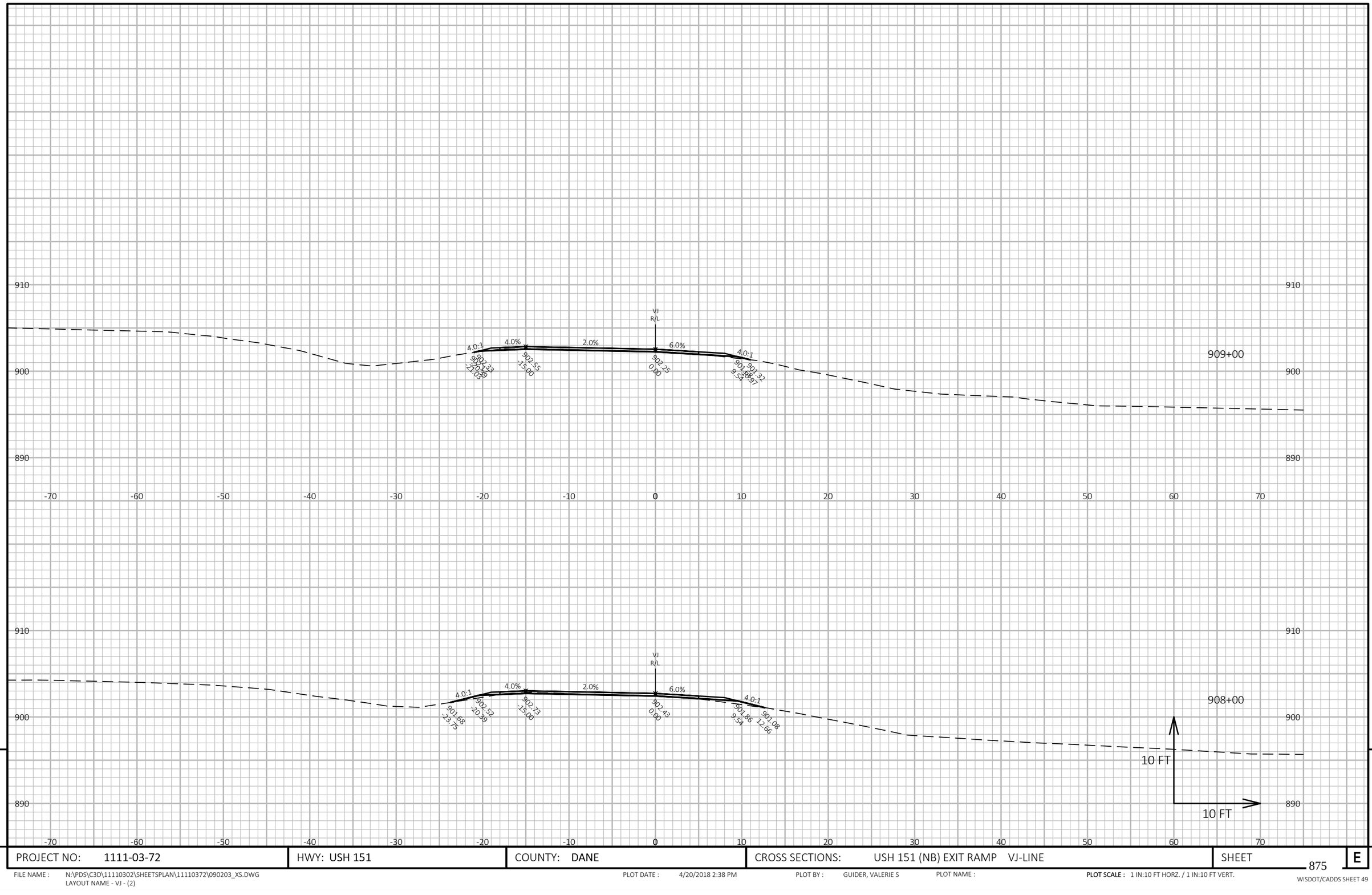
FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090203_XS.DWG
LAYOUT NAME - VJ - (1)

PLOT DATE : 4/20/2018 2:38 PM

PLOT BY : GUIDER, VALERIE S

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 (NB) EXIT RAMP VJ-LINE	SHEET 875	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090203_XS.DWG
LAYOUT NAME - VJ - (2)

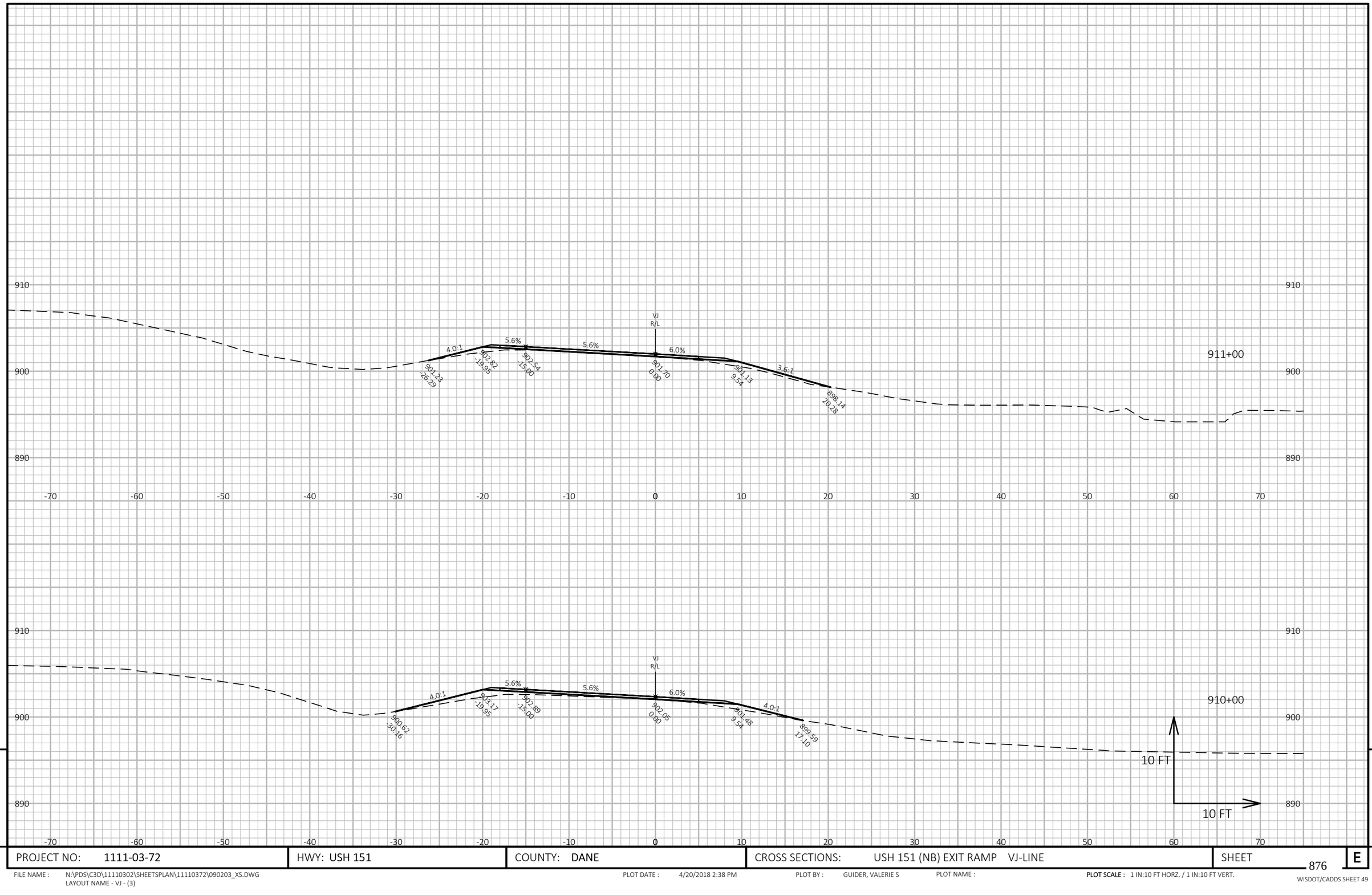
PLOT DATE : 4/20/2018 2:38 PM

PLOT BY : GUIDER, VALERIE S

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

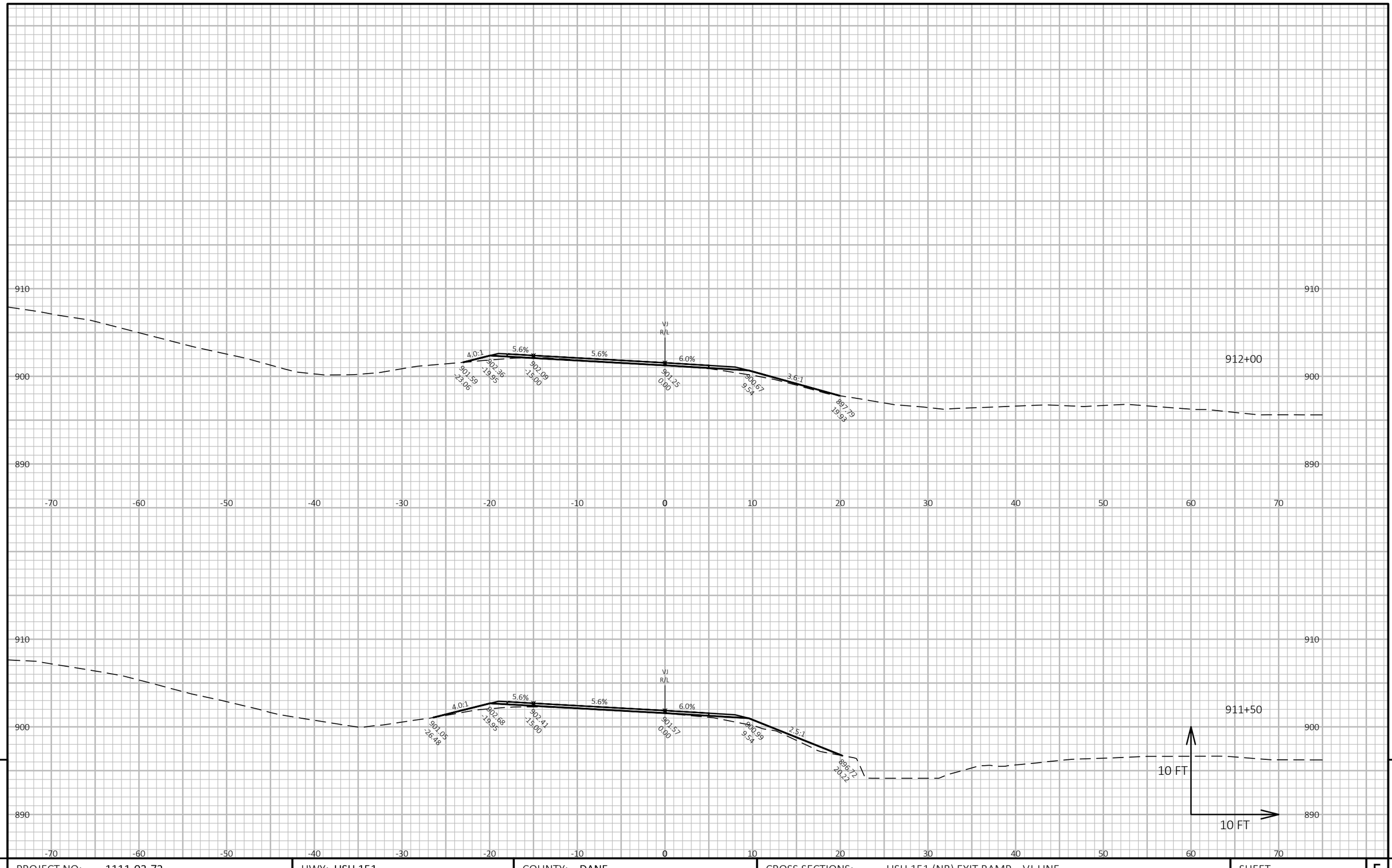


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 (NB) EXIT RAMP VJ-LINE	SHEET 876 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090203_XS.DWG
LAYOUT NAME - VJ - (3)

PLOT DATE : 4/20/2018 2:38 PM PLOT BY : GUIDER, VALERIE S PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 (NB) EXIT RAMP VJ-LINE	SHEET 877	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090203_XS.DWG
LAYOUT NAME - VJ - (4)

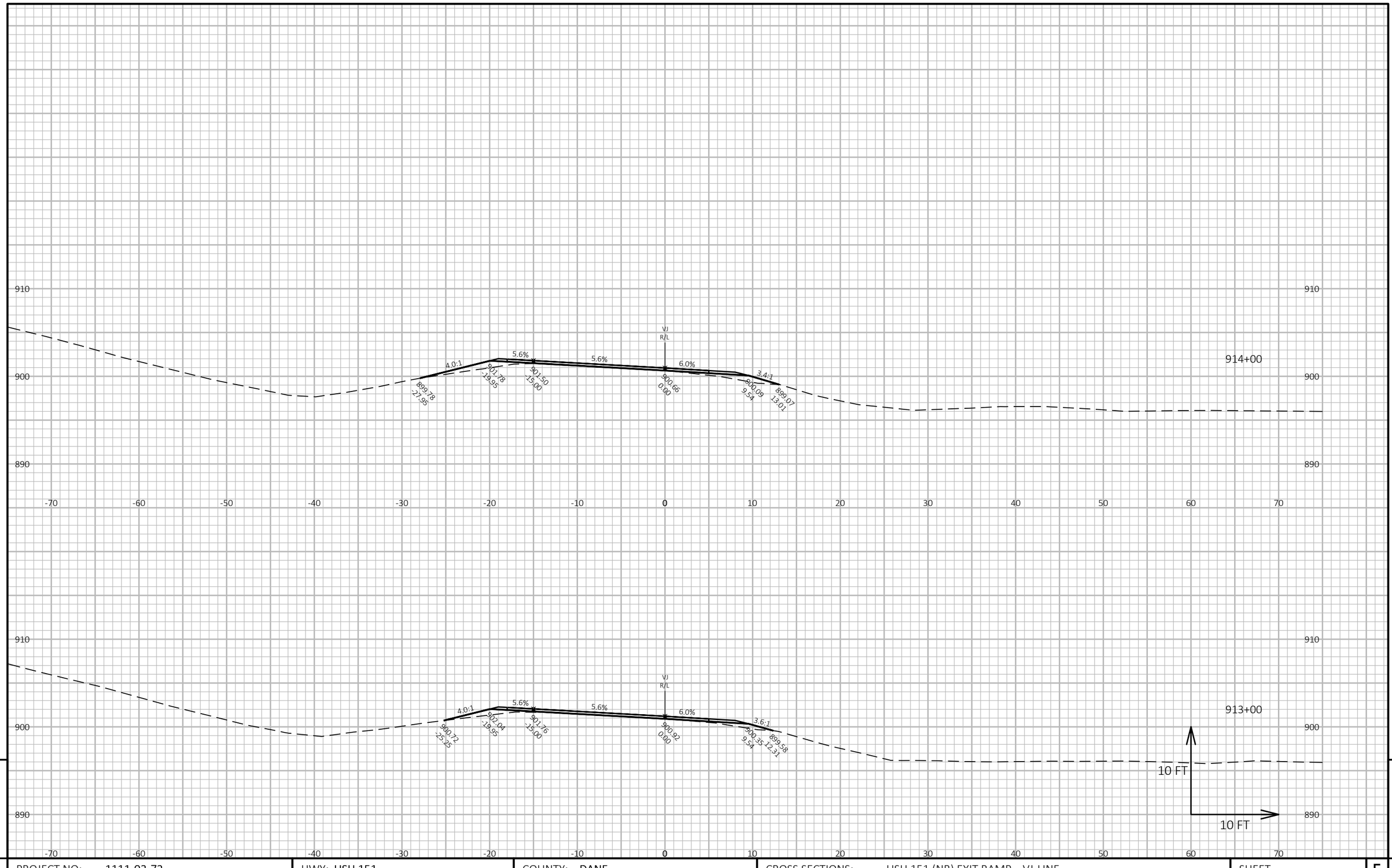
PLOT DATE : 4/20/2018 2:38 PM

PLOT BY : GUIDER, VALERIE S

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 (NB) EXIT RAMP VJ-LINE	SHEET 878	E

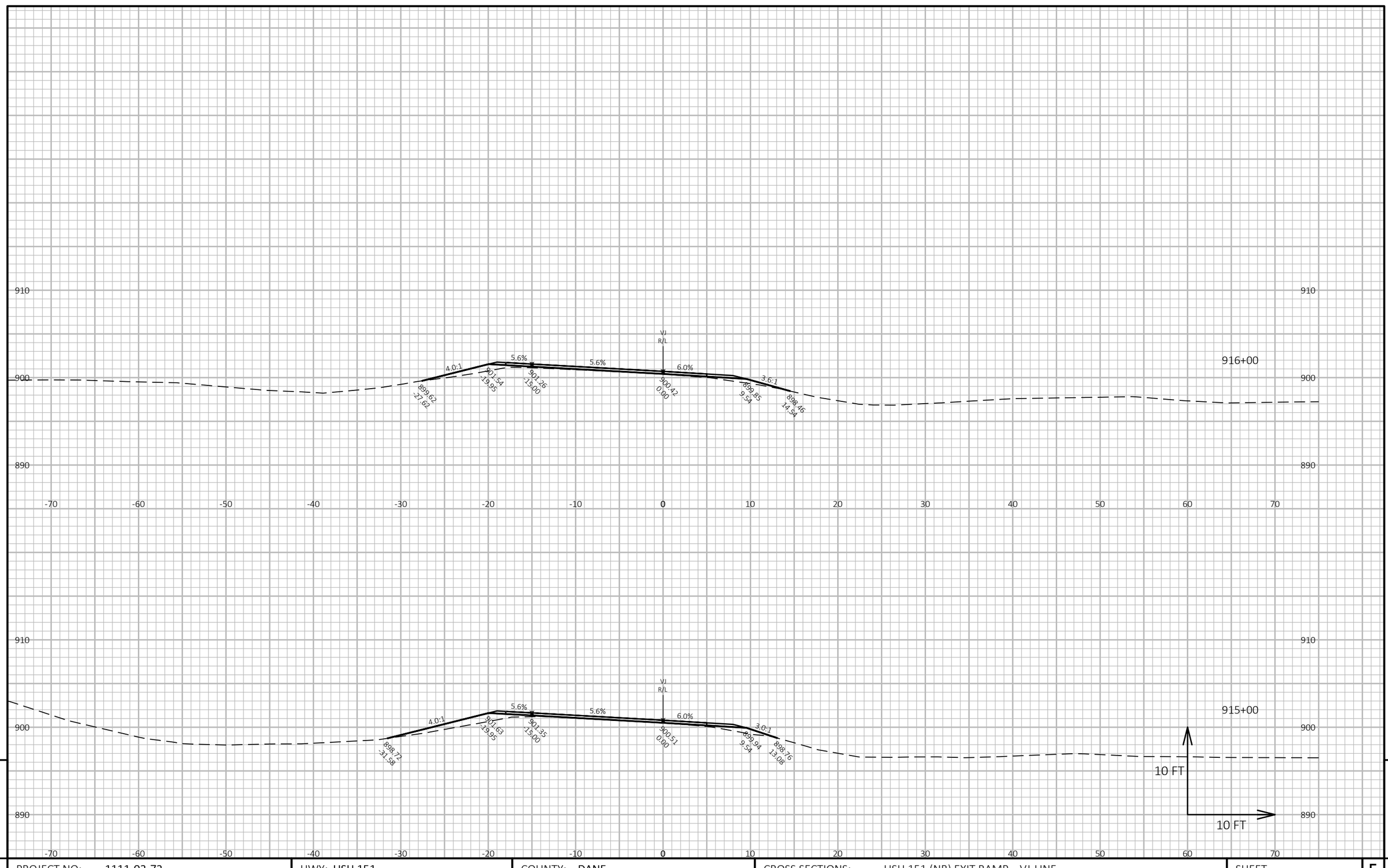
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LAYOUT NAME - VJ - (5)

PLOT DATE : 4/20/2018 2:38 PM

PLOT BY : GUIDER, VALERIE S

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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9

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 (NB) EXIT RAMP VJ-LINE	SHEET 879	E

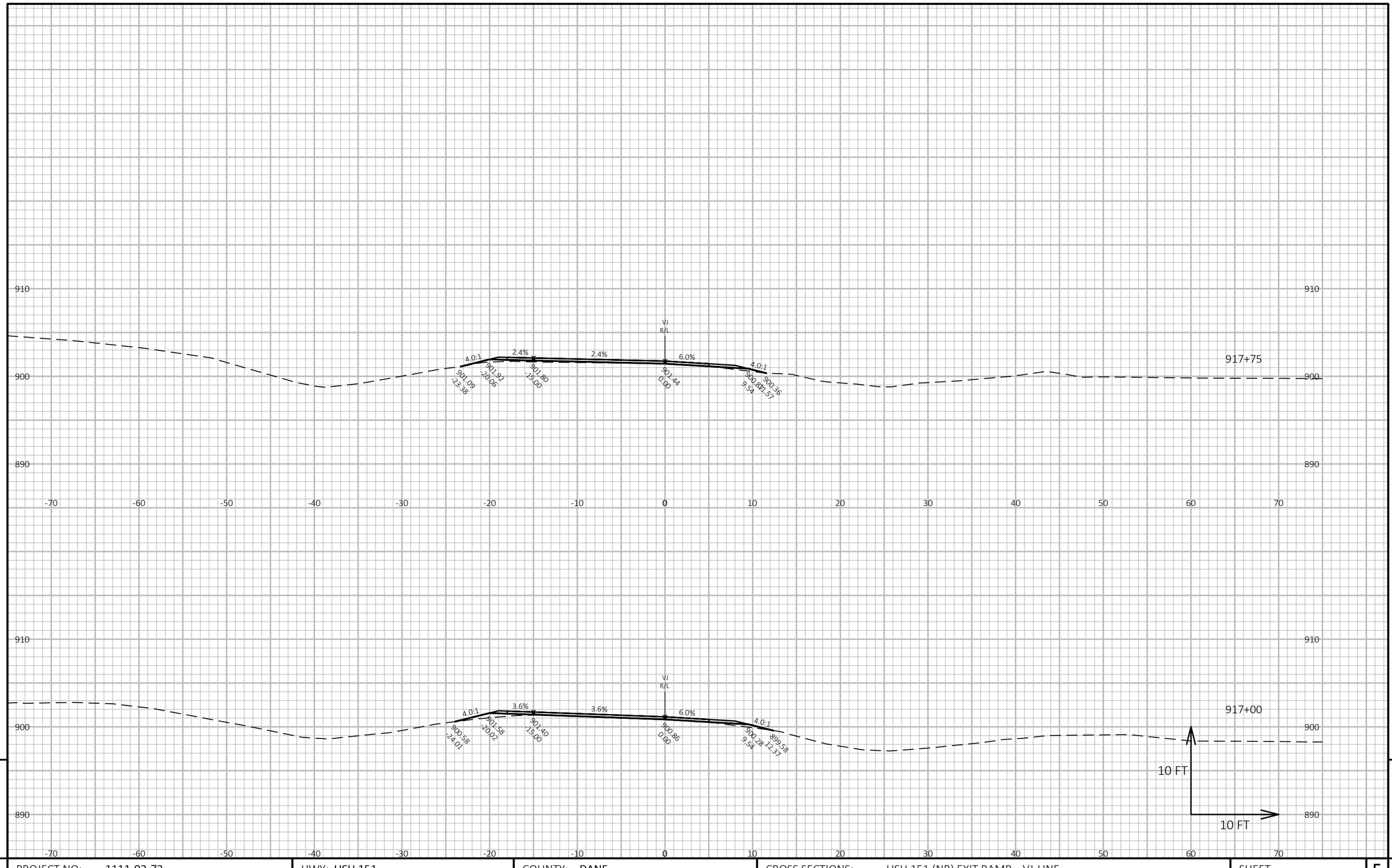
FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090203_XS.DWG
LAYOUT NAME - VJ - (6)

PLOT DATE : 4/20/2018 2:38 PM

PLOT BY : GUIDER, VALERIE S

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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9

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 (NB) EXIT RAMP VJ-LINE	SHEET 880	E

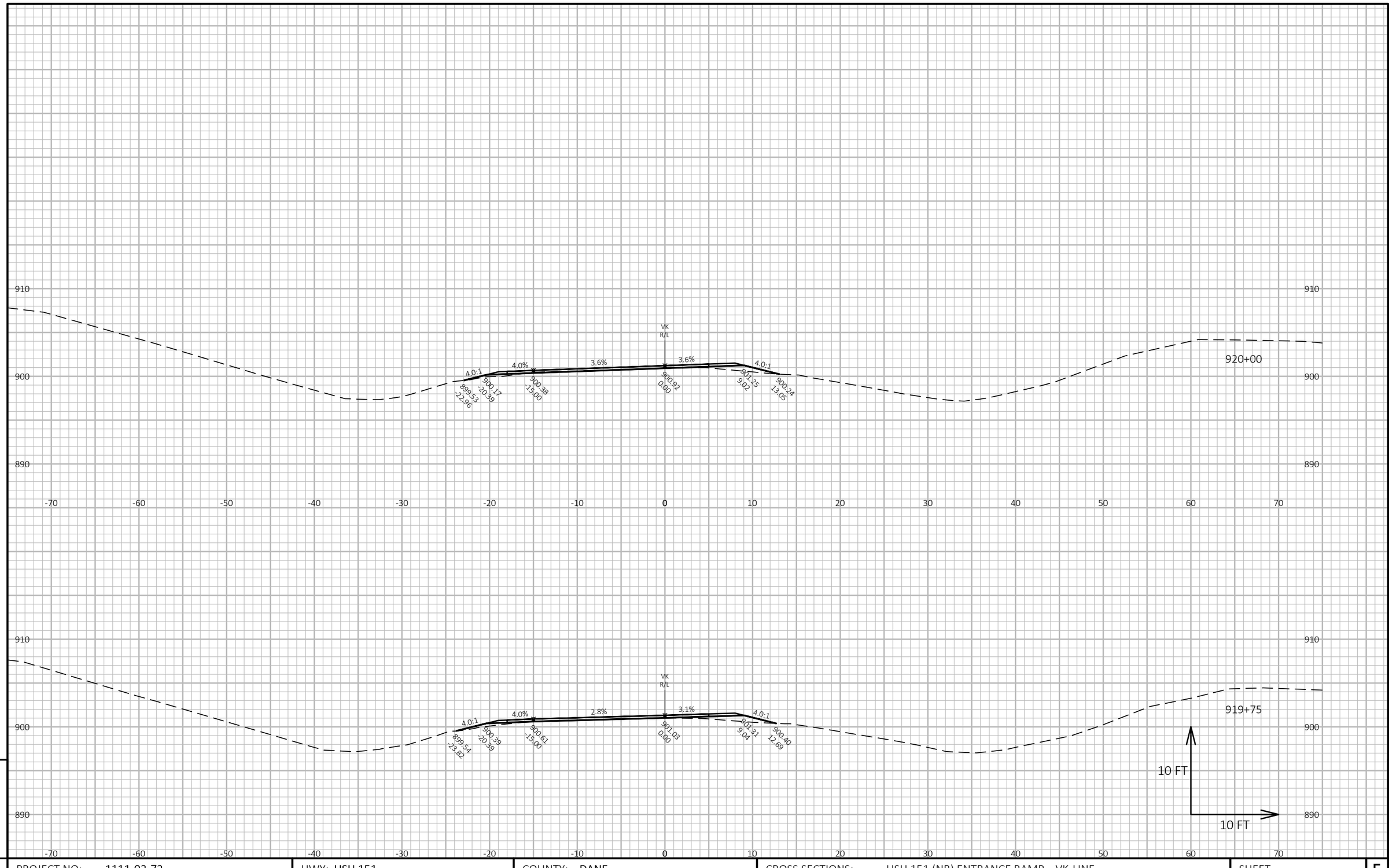
FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090203_XS.DWG
LAYOUT NAME - VJ - (7)

PLOT DATE : 4/20/2018 2:38 PM

PLOT BY : GUIDER, VALERIE S

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 (NB) ENTRANCE RAMP VK-LINE	SHEET 881	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090203_XS.DWG
LAYOUT NAME - VK - (1)

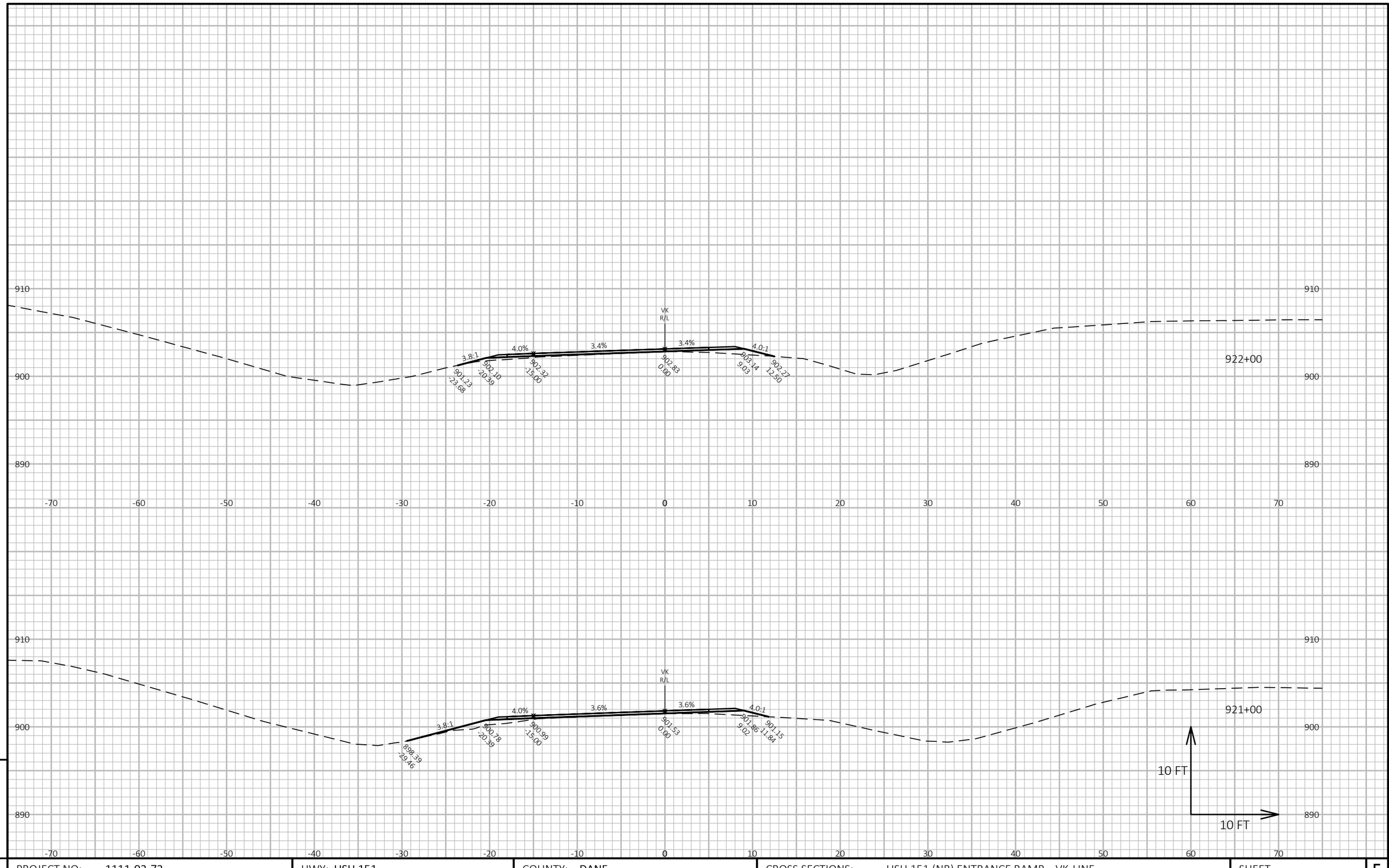
PLOT DATE : 4/20/2018 2:42 PM

PLOT BY : GUIDER, VALERIE S

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 (NB) ENTRANCE RAMP VK-LINE	SHEET 882	E

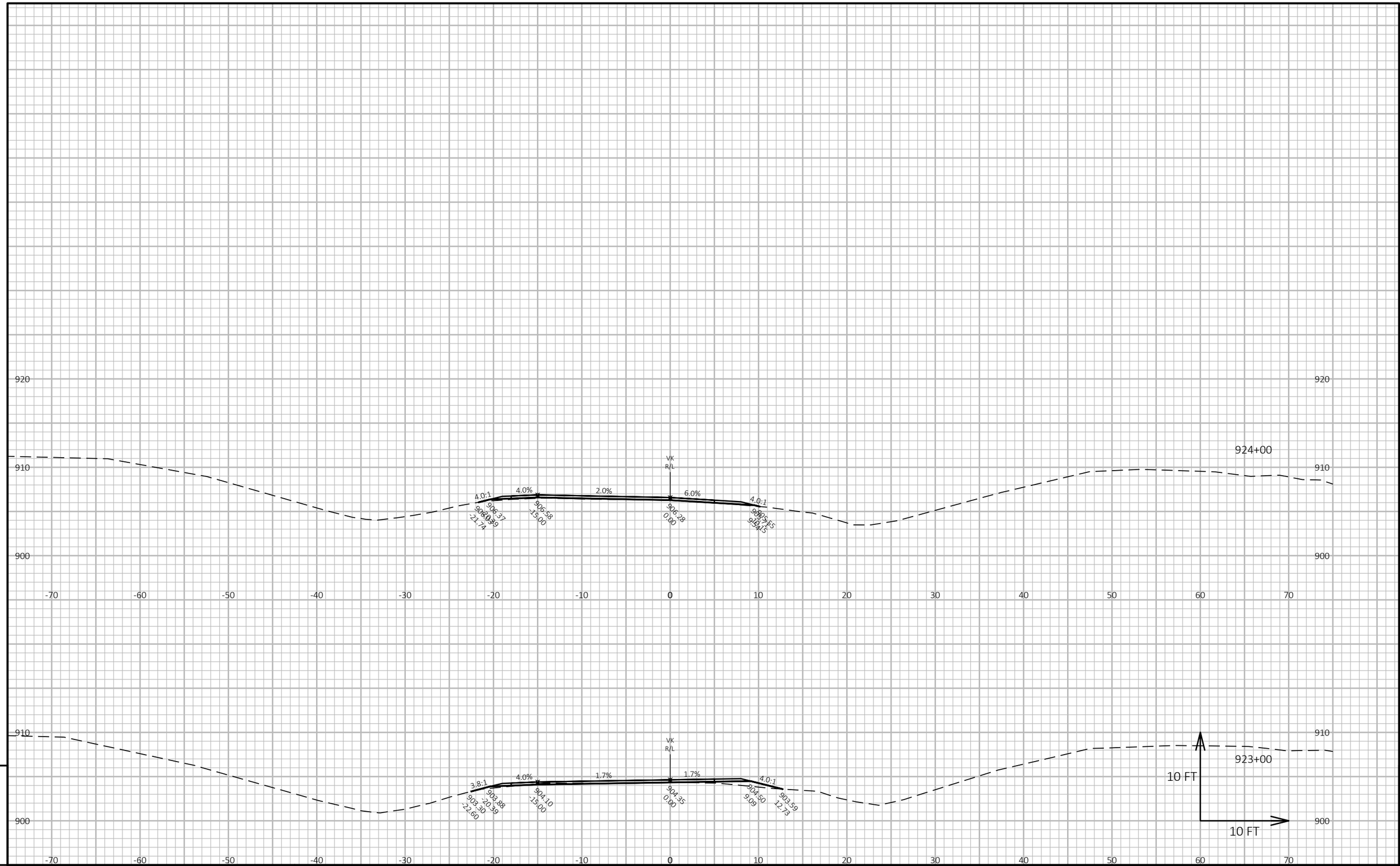
FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090203_XS.DWG
LAYOUT NAME - VK - (2)

PLOT DATE : 4/20/2018 2:42 PM

PLOT BY : GUIDER, VALERIE S

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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9

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 (NB) ENTRANCE RAMP VK-LINE	SHEET 883	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090203_XS.DWG
LAYOUT NAME - VK - (3)

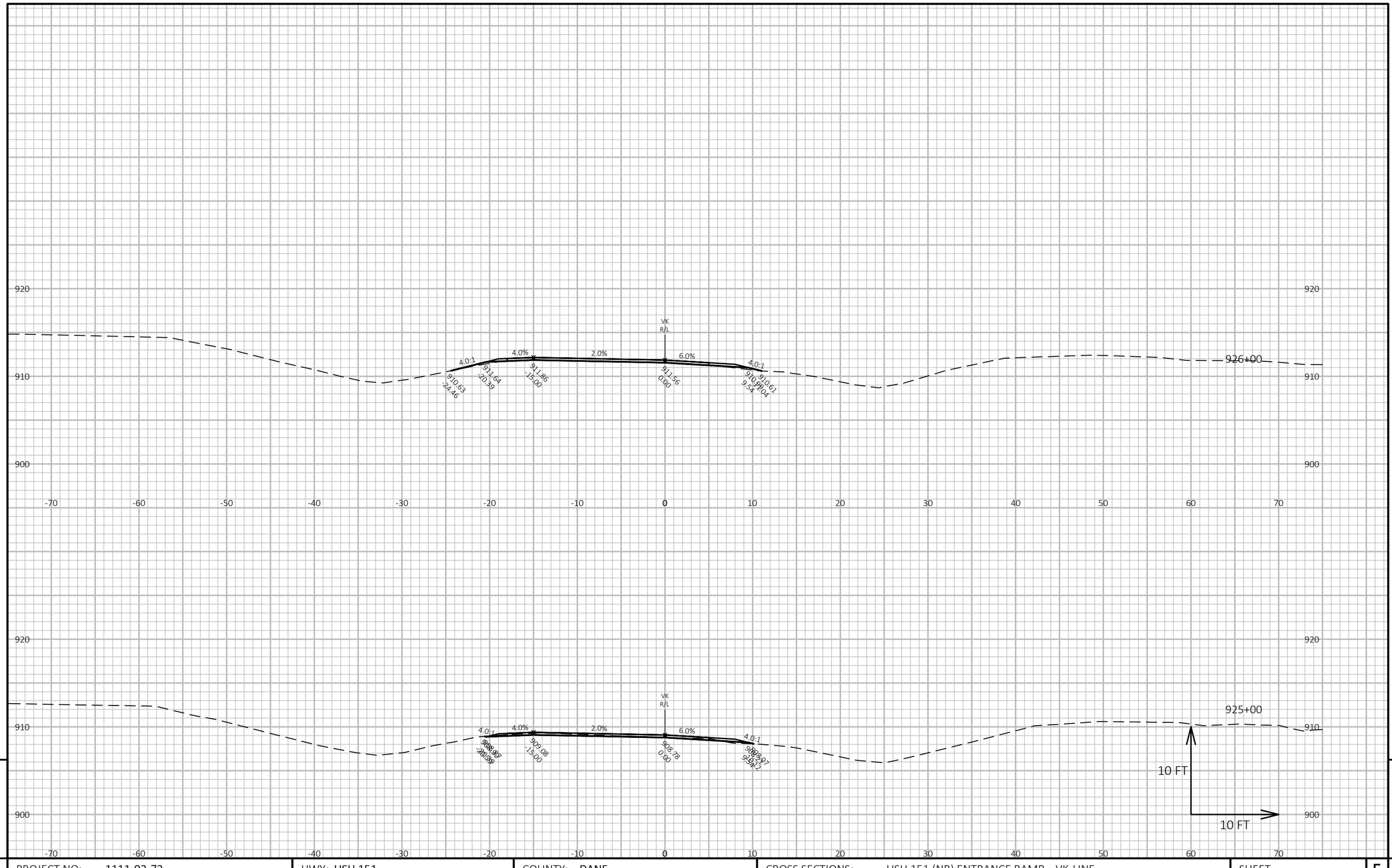
PLOT DATE : 4/20/2018 2:42 PM

PLOT BY : GUIDER, VALERIE S

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 (NB) ENTRANCE RAMP VK-LINE	SHEET 884	E

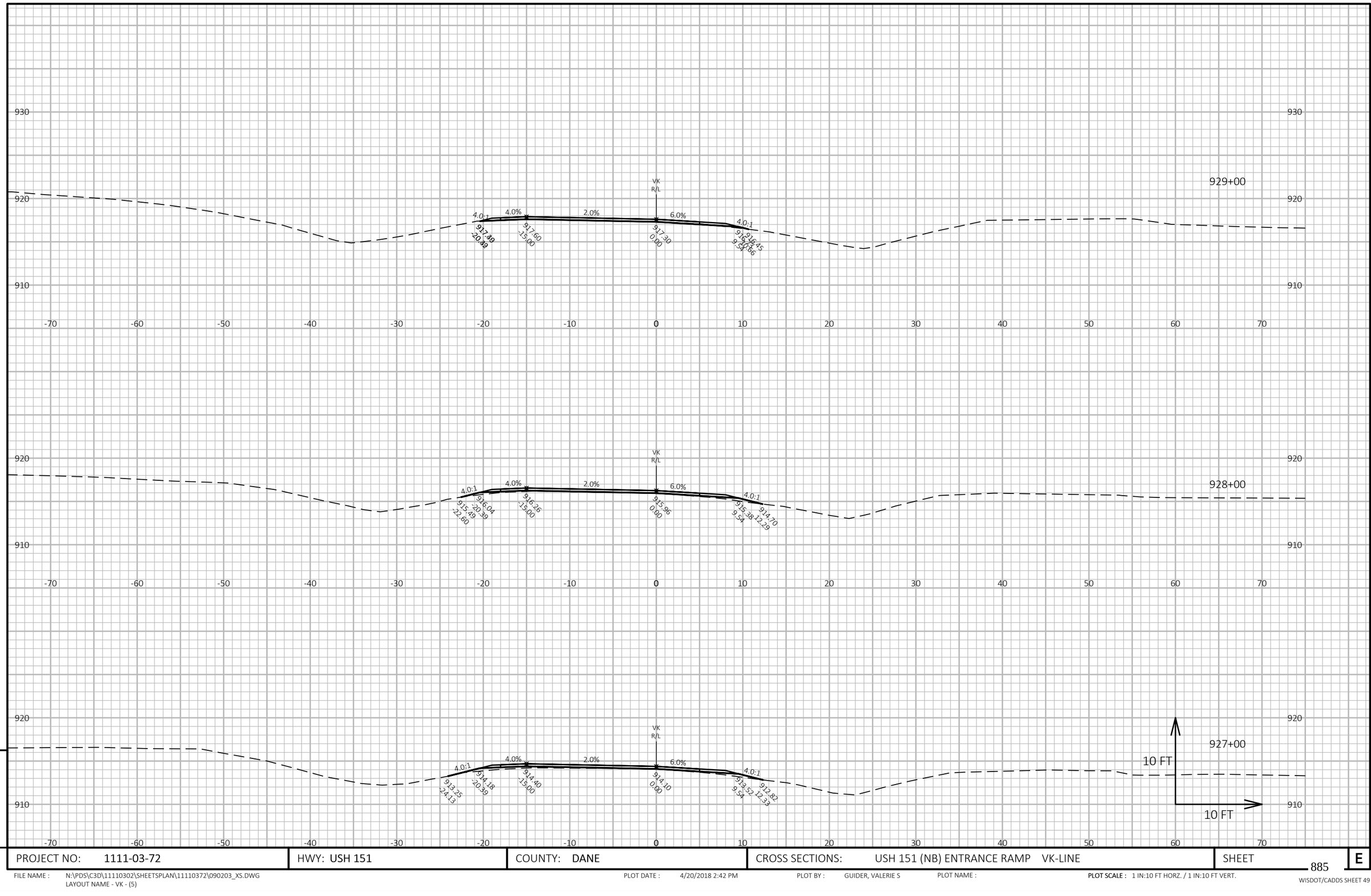
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LAYOUT NAME - VK - (4)

PLOT DATE : 4/20/2018 2:42 PM

PLOT BY : GUIDER, VALERIE S

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

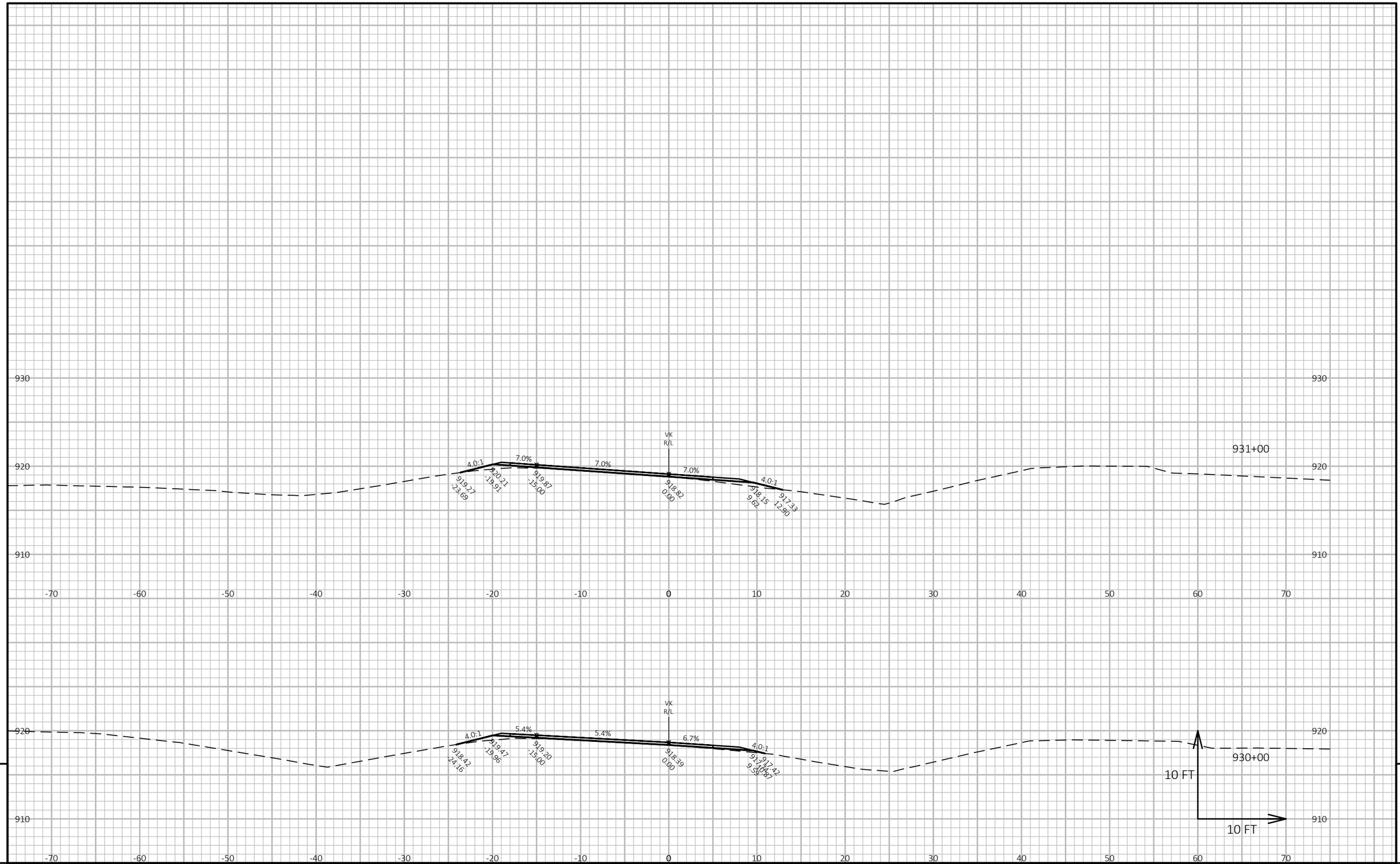


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 (NB) ENTRANCE RAMP VK-LINE	SHEET 885	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090203_XS.DWG
LAYOUT NAME - VK - (5)

PLOT DATE : 4/20/2018 2:42 PM PLOT BY : GUIDER, VALERIE S PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 (NB) ENTRANCE RAMP VK-LINE	SHEET 886	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090203_XS.DWG
LAYOUT NAME - VK - (6)

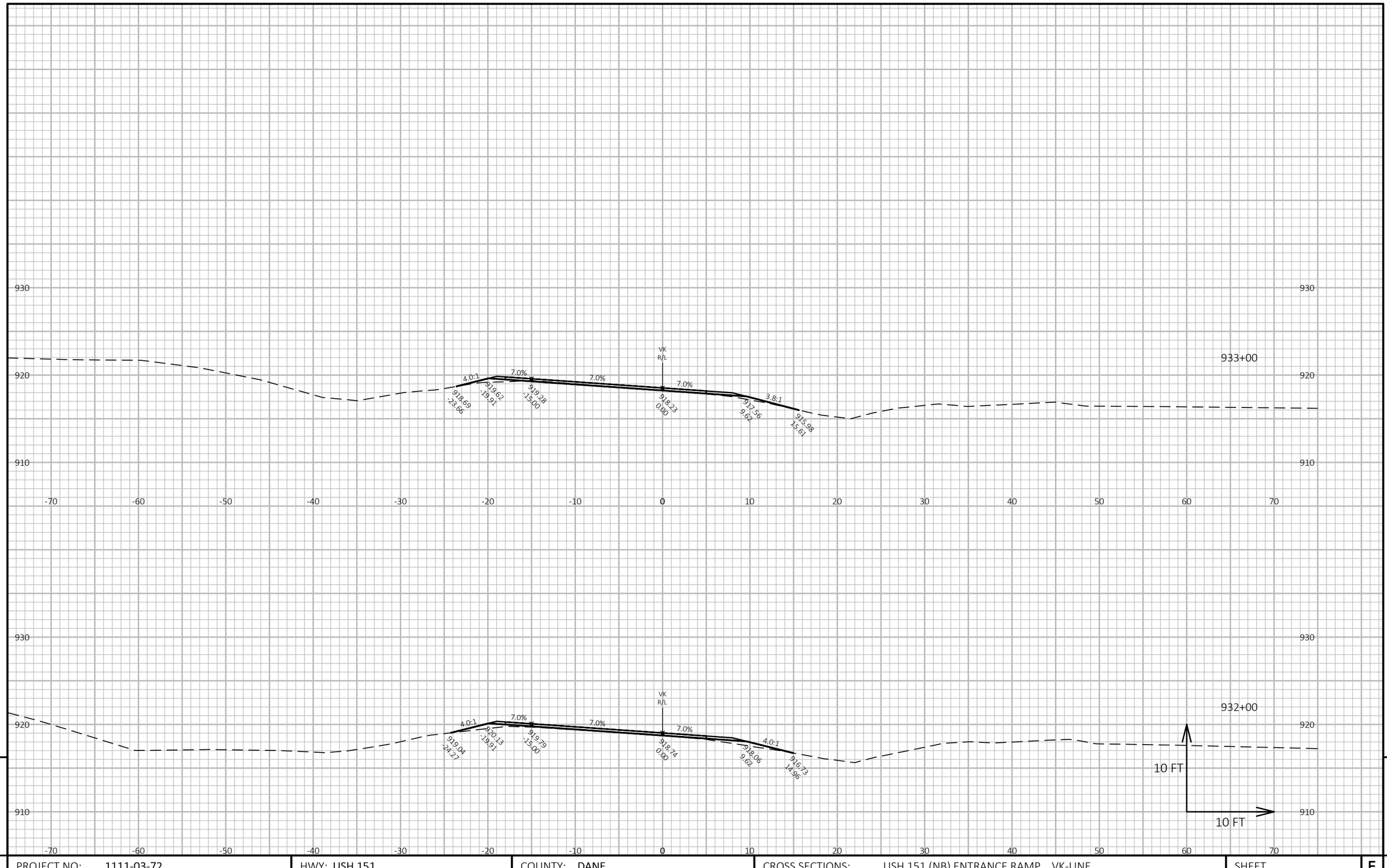
PLOT DATE : 4/20/2018 2:42 PM

PLOT BY : GUIDER, VALERIE S

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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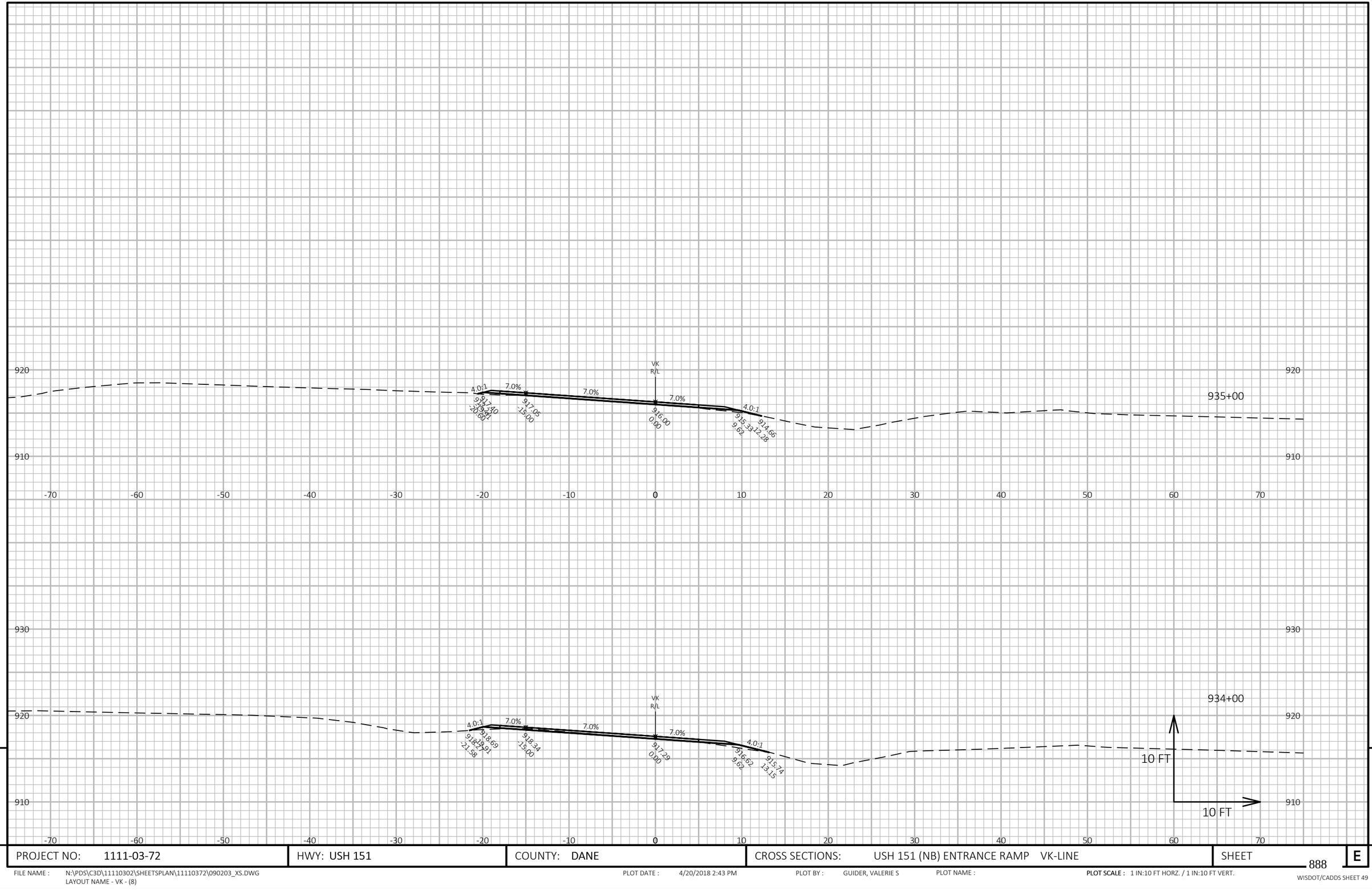
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 (NB) ENTRANCE RAMP VK-LINE	SHEET 887	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090203_XS.DWG
LAYOUT NAME - VK - (7)

PLOT DATE : 4/20/2018 2:42 PM PLOT BY : GUIDER, VALERIE S PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



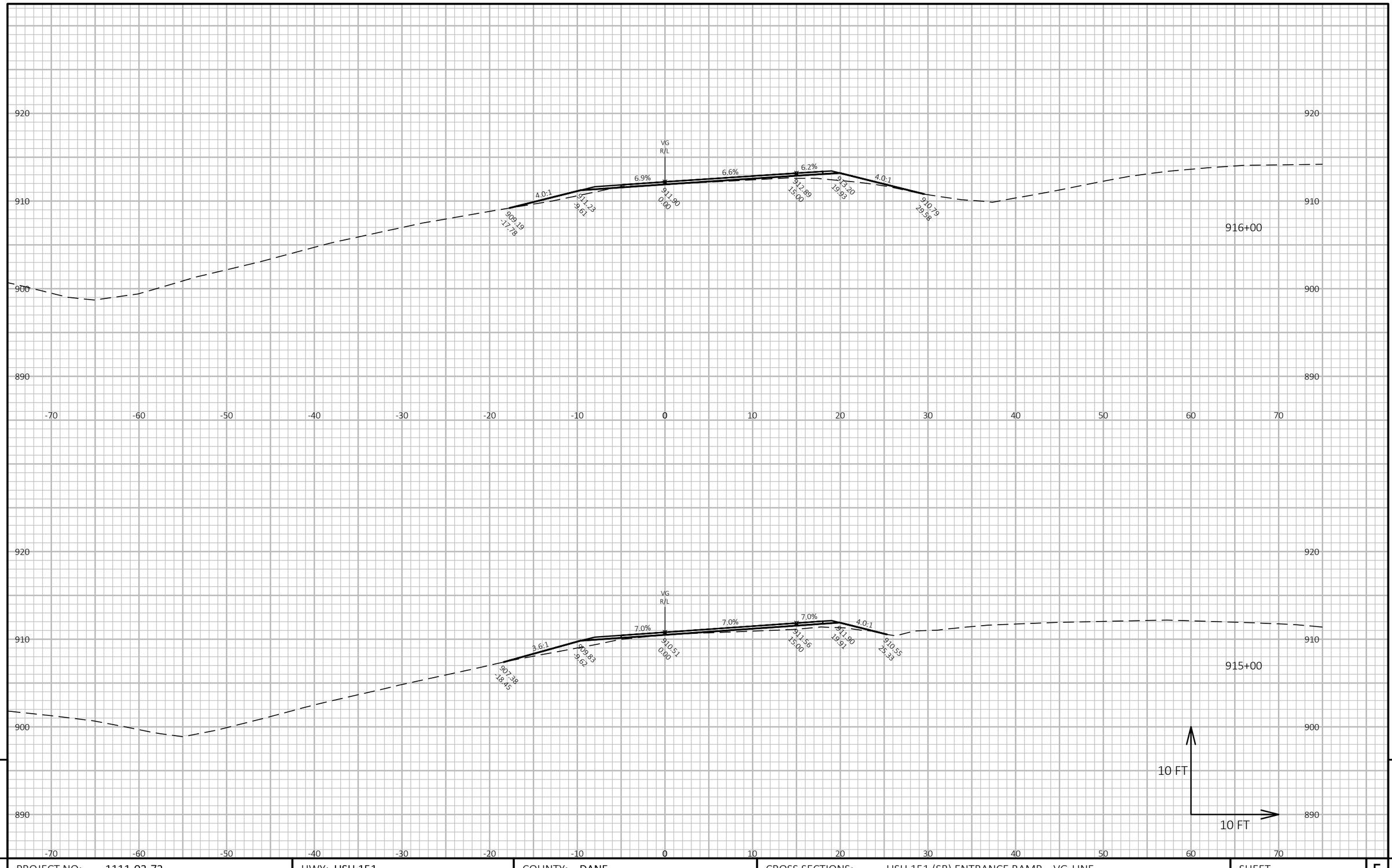
9

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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 (NB) ENTRANCE RAMP VK-LINE	SHEET 888	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090203_XS.DWG
LAYOUT NAME - VK - (8)

PLOT DATE : 4/20/2018 2:43 PM PLOT BY : GUIDER, VALERIE S PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

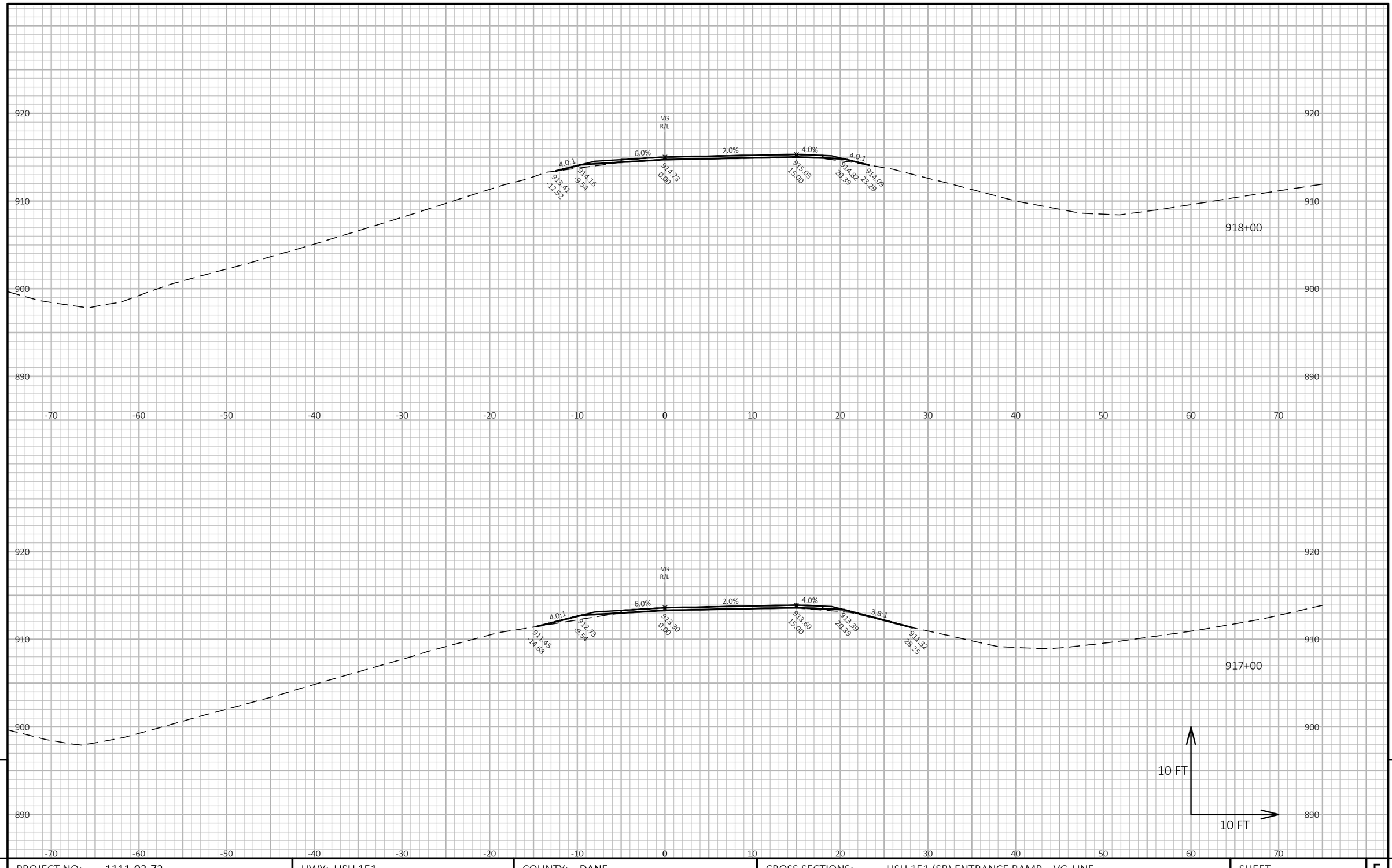


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 (SB) ENTRANCE RAMP VG-LINE	SHEET 889 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090203_XS.DWG
LAYOUT NAME - VG - (1)

PLOT DATE : 4/20/2018 2:44 PM PLOT BY : GUIDER, VALERIE S PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 (SB) ENTRANCE RAMP VG-LINE	SHEET 890	E

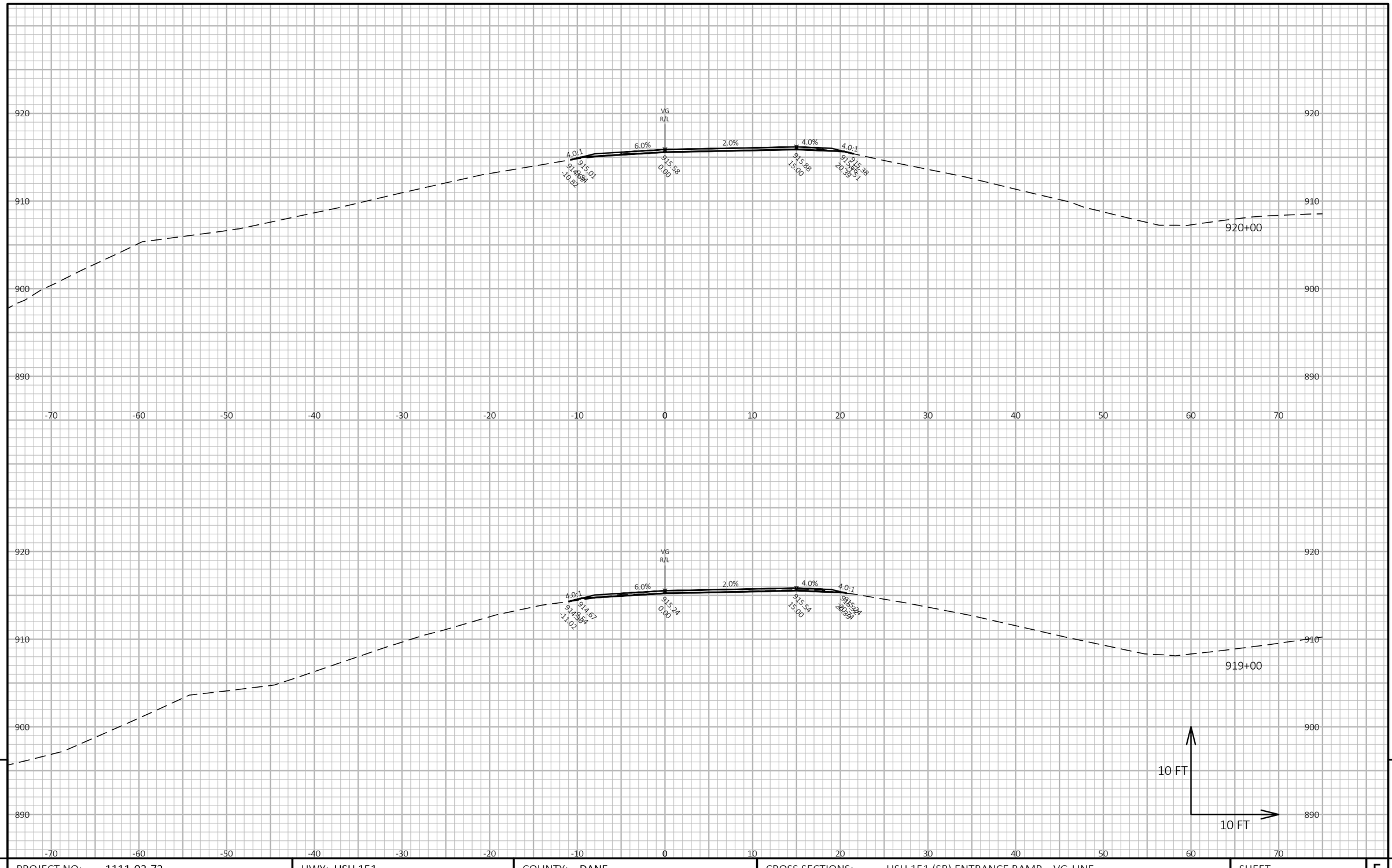
FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090203_XS.DWG
LAYOUT NAME - VG - (2)

PLOT DATE : 4/20/2018 2:44 PM

PLOT BY : GUIDER, VALERIE S

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 (SB) ENTRANCE RAMP VG-LINE	SHEET 891	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090203_XS.DWG
LAYOUT NAME - VG - (3)

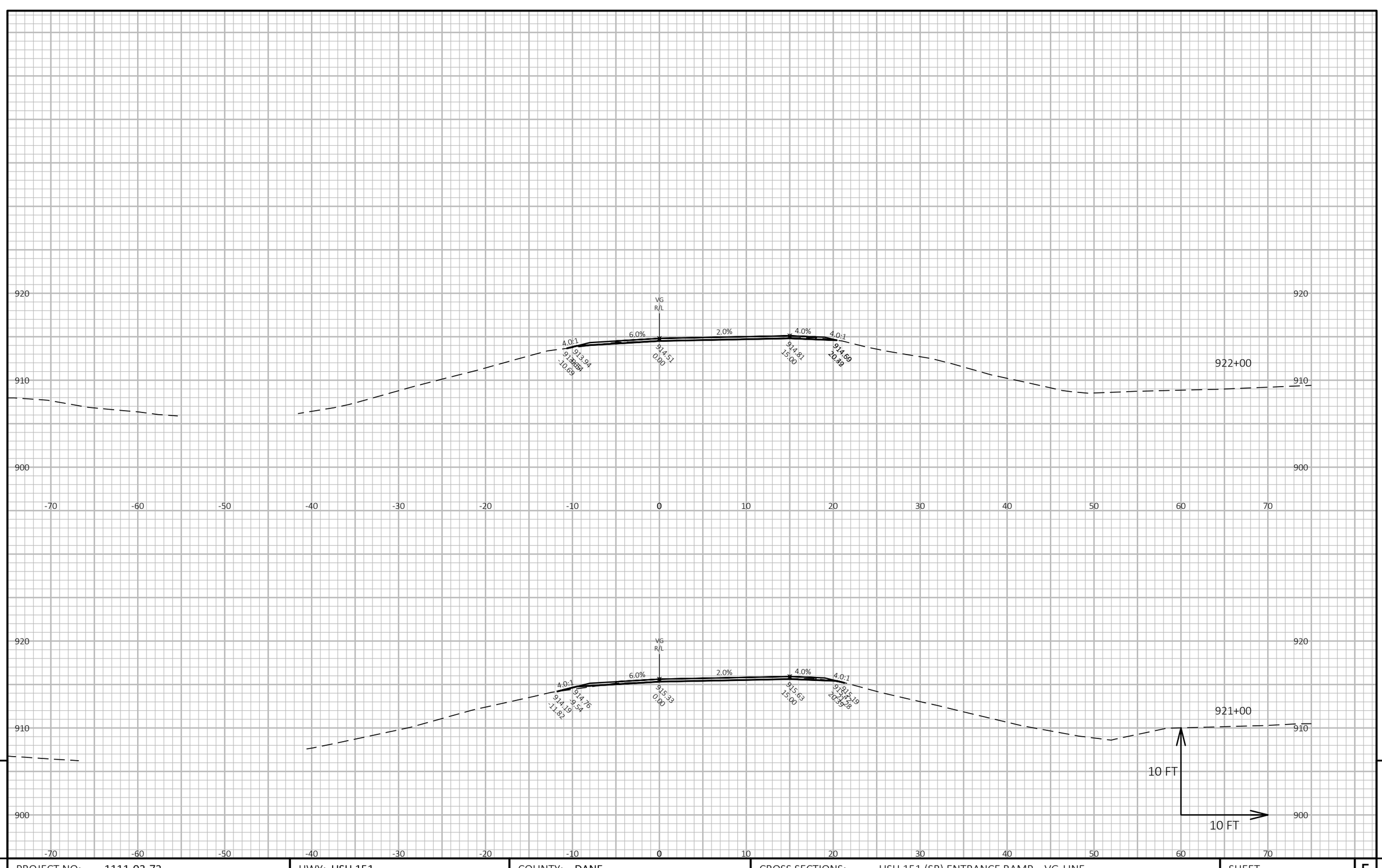
PLOT DATE : 4/20/2018 2:44 PM

PLOT BY : GUIDER, VALERIE S

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

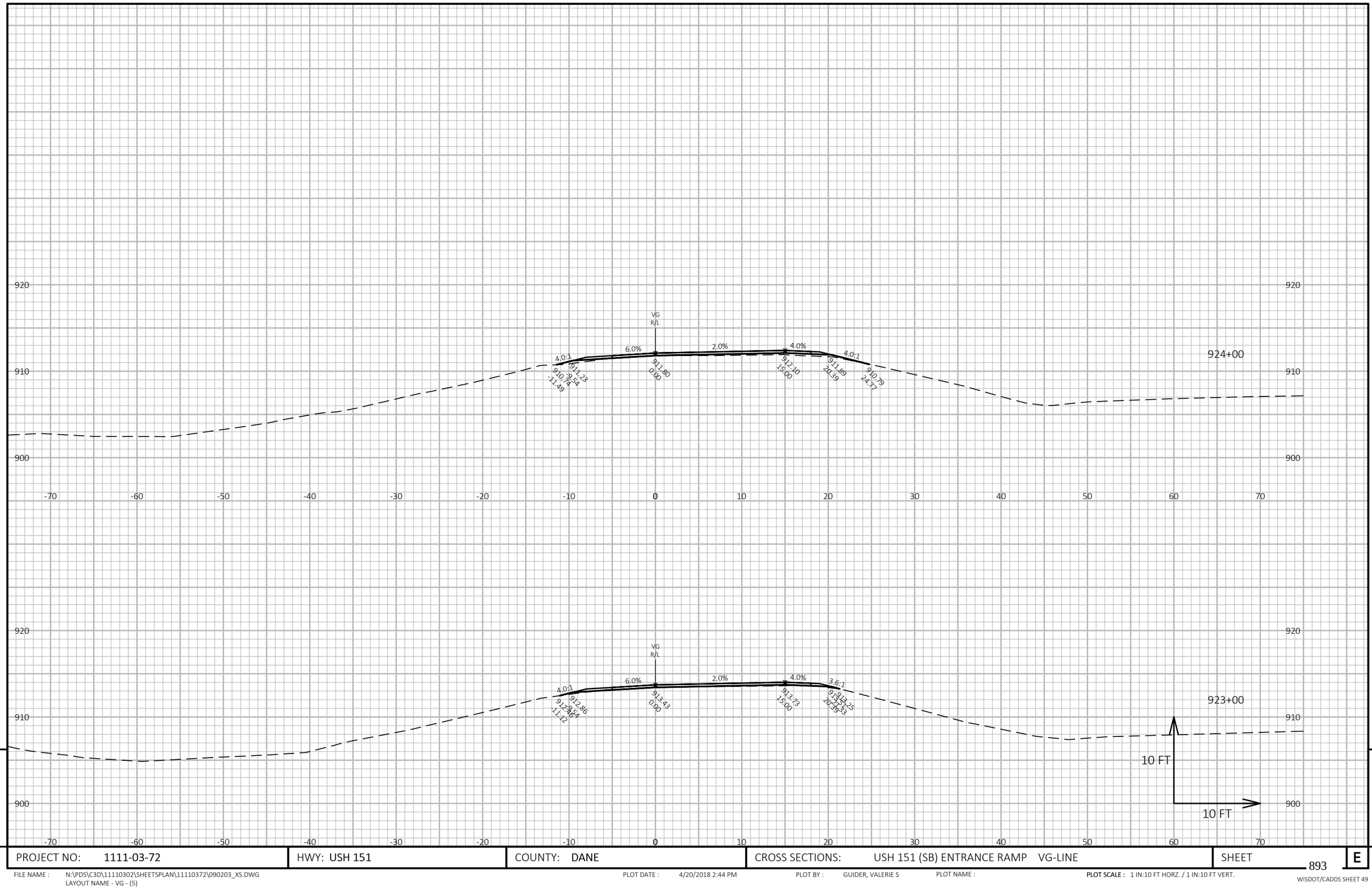
WISDOT/CADDS SHEET 49



PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 (SB) ENTRANCE RAMP VG-LINE	SHEET 892 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090203_XS.DWG
LAYOUT NAME - VG - (4)

PLOT DATE : 4/20/2018 2:44 PM PLOT BY : GUIDER, VALERIE S PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



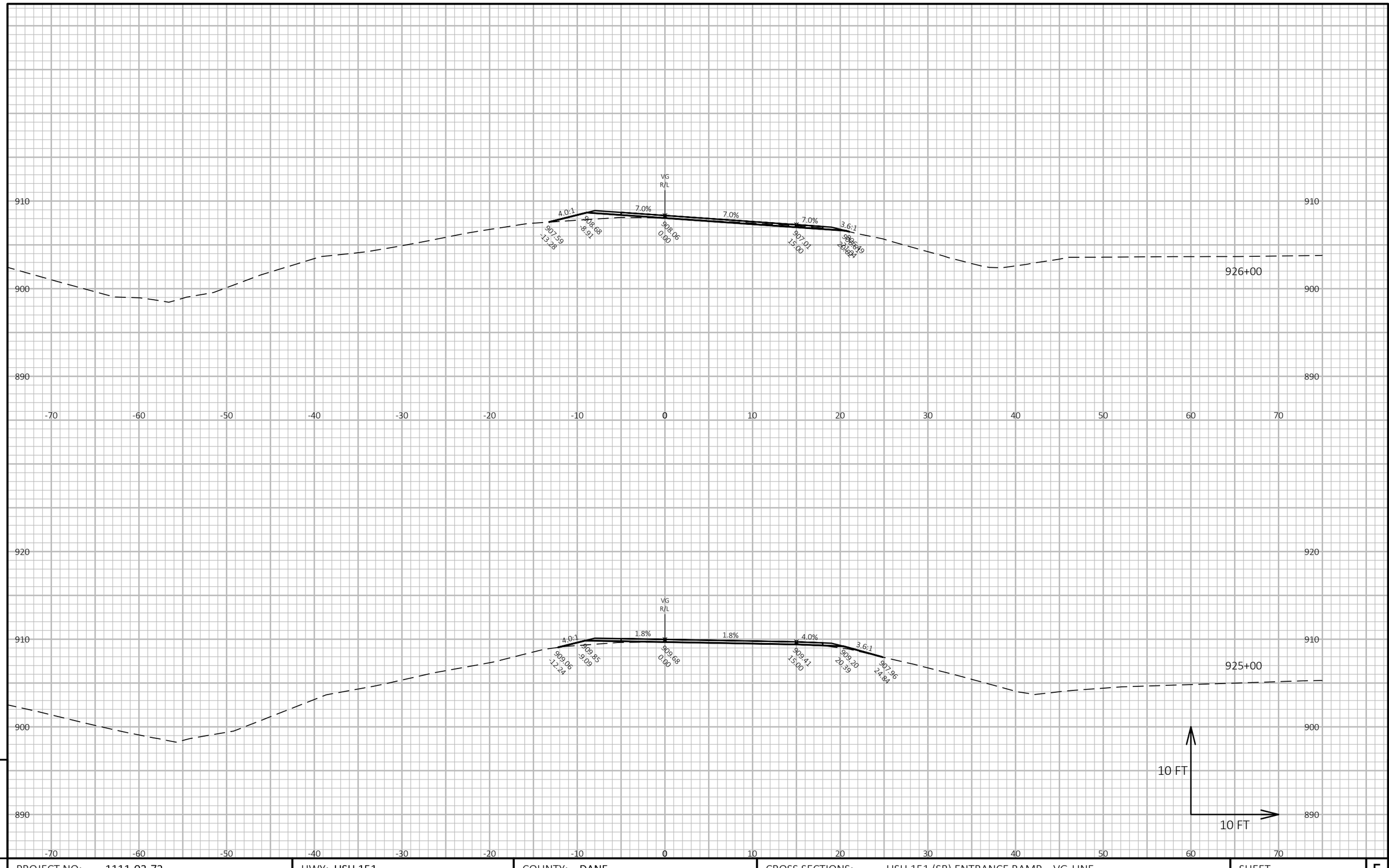
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 (SB) ENTRANCE RAMP VG-LINE	SHEET 893	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090203_XS.DWG
LAYOUT NAME - VG - (5)

PLOT DATE : 4/20/2018 2:44 PM PLOT BY : GUIDER, VALERIE S PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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9

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 (SB) ENTRANCE RAMP VG-LINE	SHEET 894 E

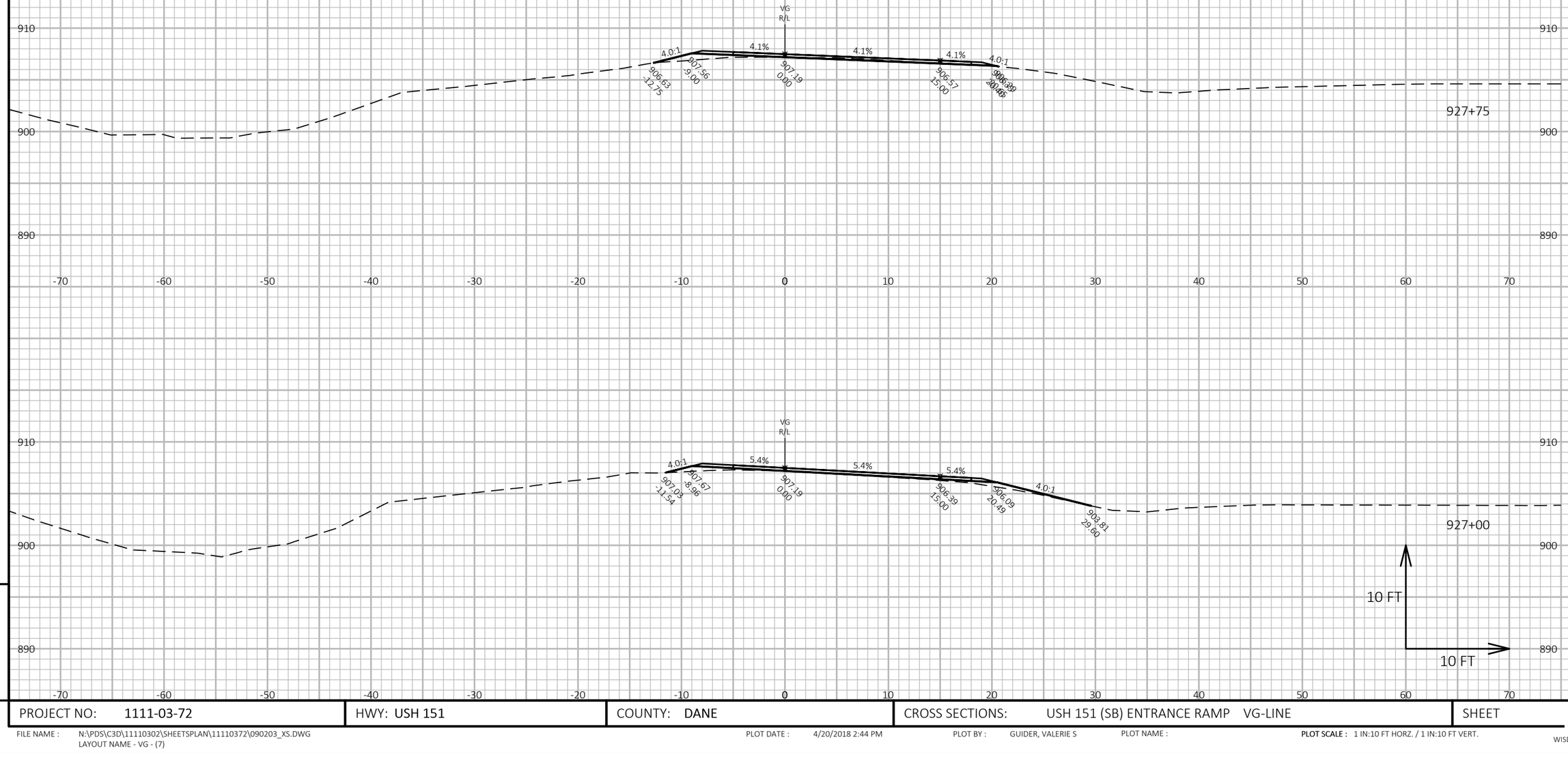
FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090203_XS.DWG
LAYOUT NAME - VG - (6)

PLOT DATE : 4/20/2018 2:44 PM

PLOT BY : GUIDER, VALERIE S

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



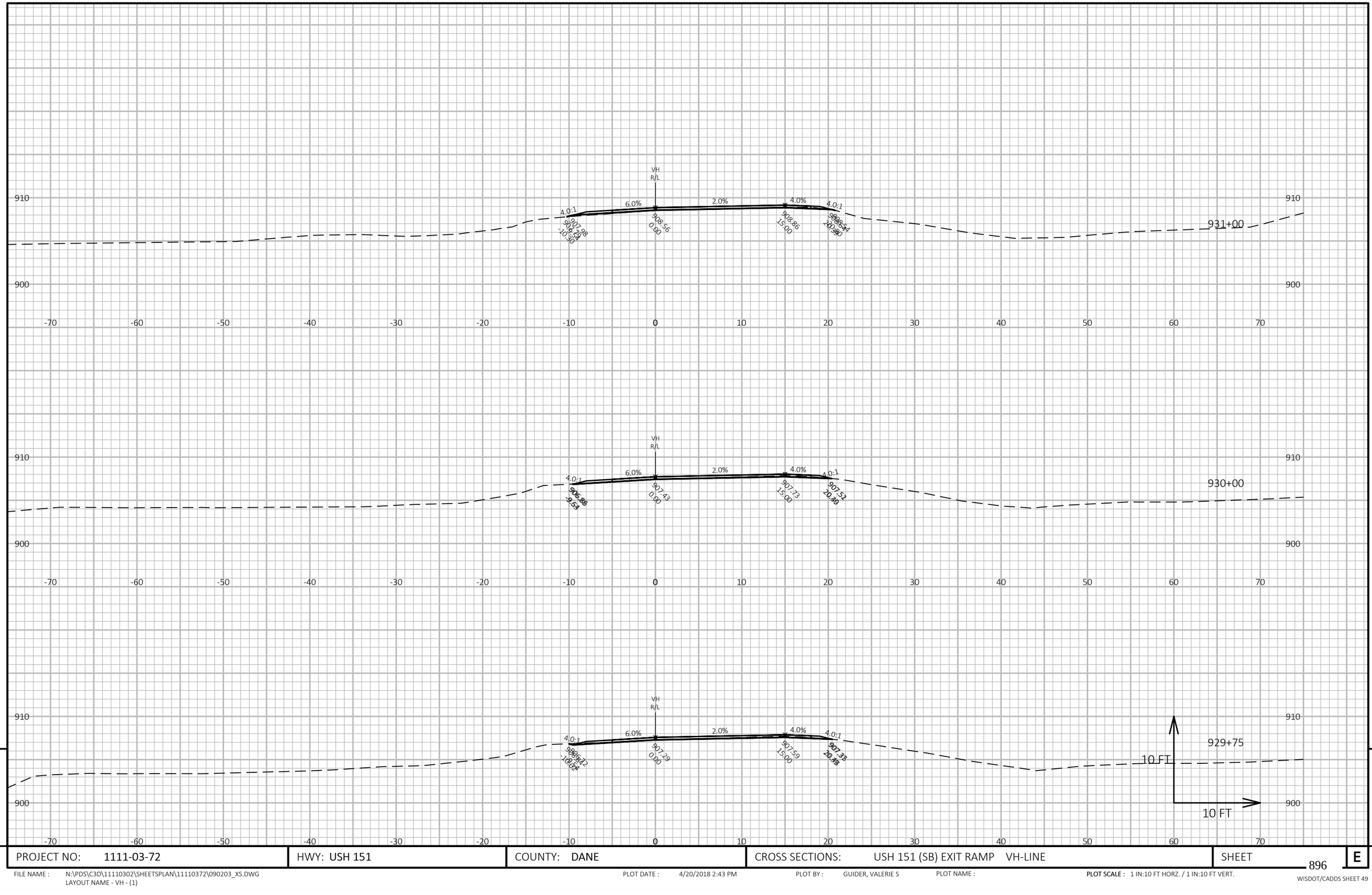
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 (SB) ENTRANCE RAMP VG-LINE	SHEET 895	E

9

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090203_XS.DWG
LAYOUT NAME - VG - (7)

PLOT DATE : 4/20/2018 2:44 PM PLOT BY : GUIDER, VALERIE S PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 (SB) EXIT RAMP VH-LINE	SHEET 896	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090203_XS.DWG
LAYOUT NAME - VH - (1)

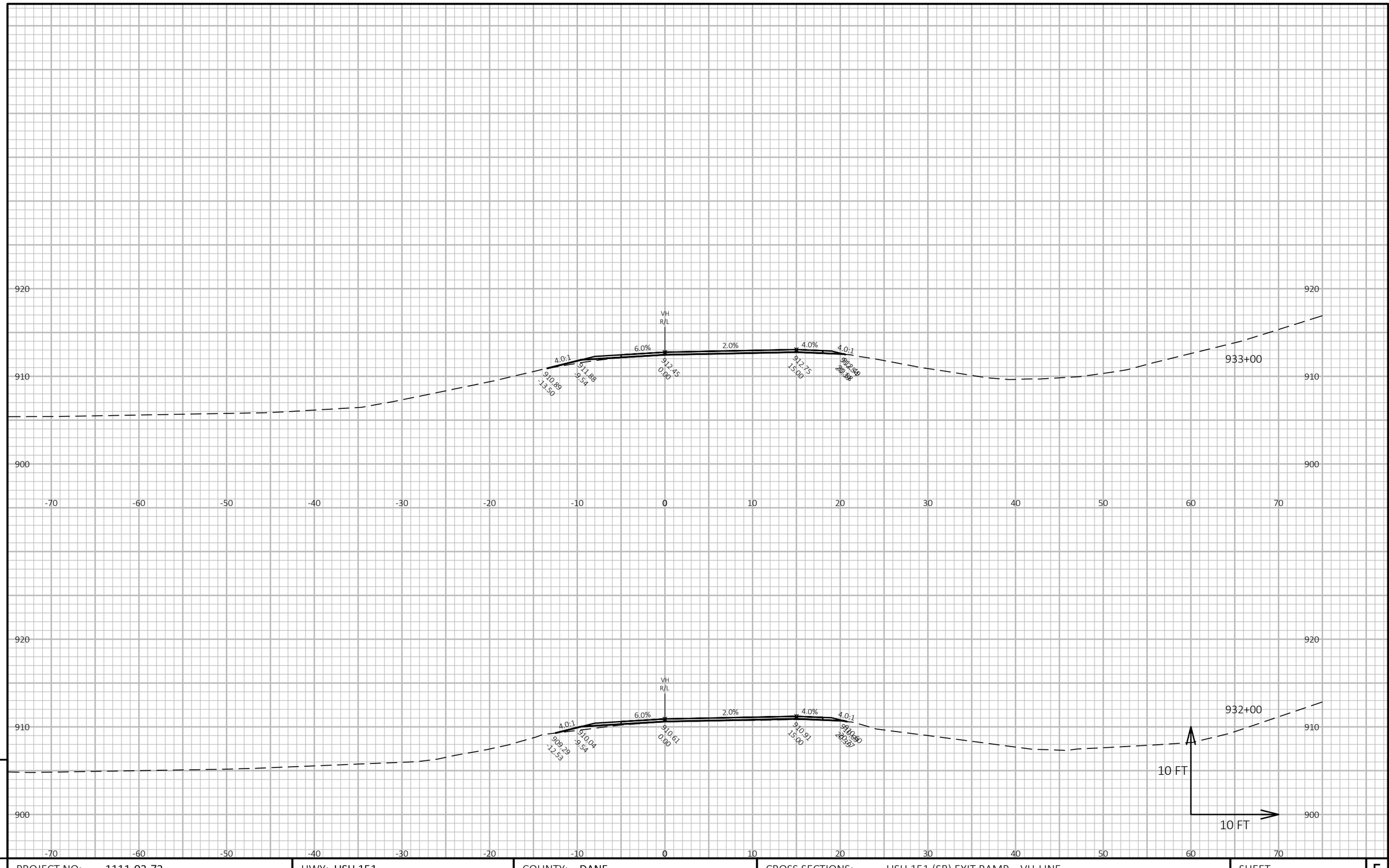
PLOT DATE : 4/20/2018 2:43 PM

PLOT BY : GUIDER, VALERIE S

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 (SB) EXIT RAMP VH-LINE	SHEET 897	E

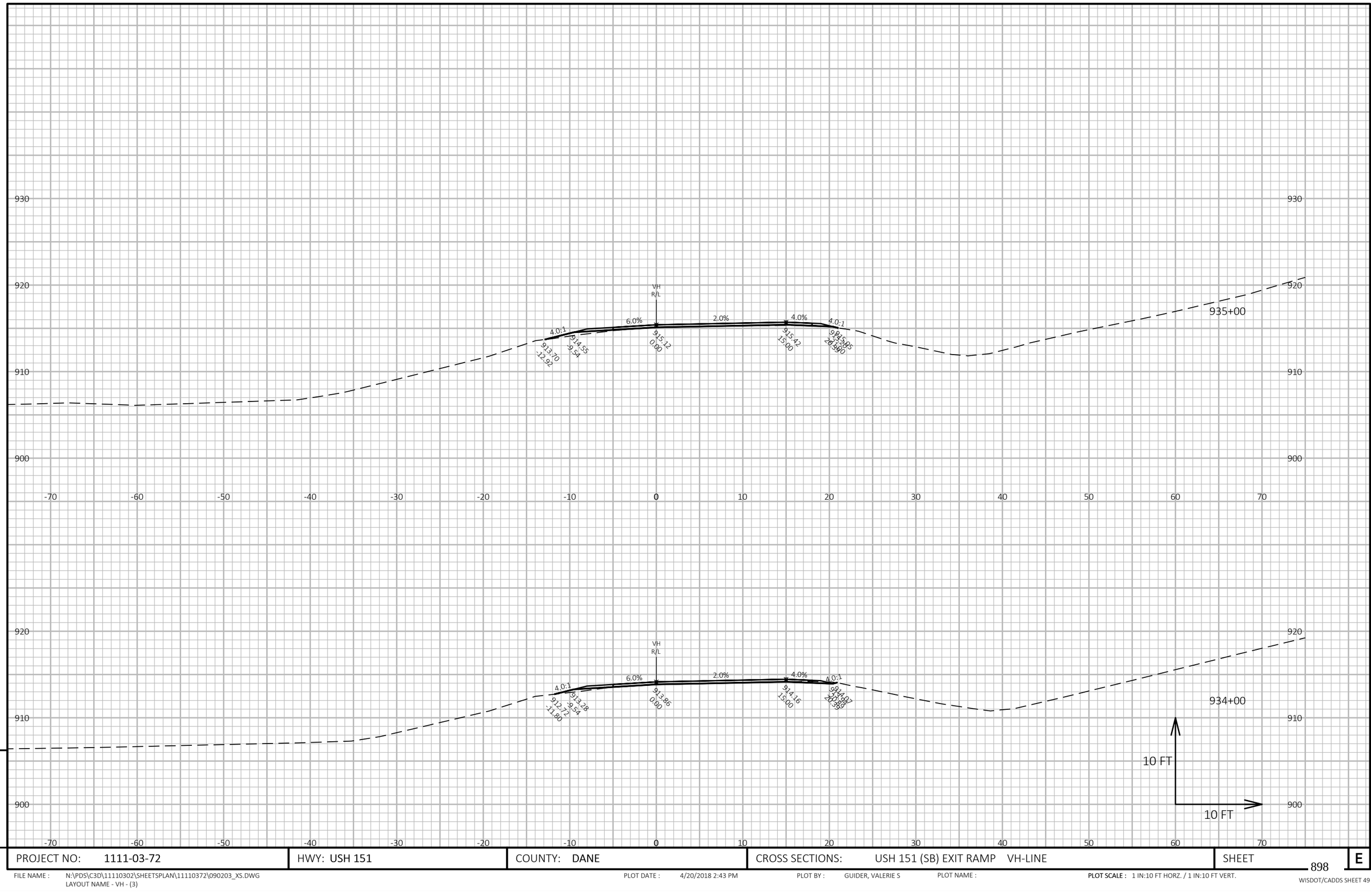
FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090203_XS.DWG
LAYOUT NAME - VH - (2)

PLOT DATE : 4/20/2018 2:43 PM

PLOT BY : GUIDER, VALERIE S

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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9

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 (SB) EXIT RAMP VH-LINE	SHEET 898	E

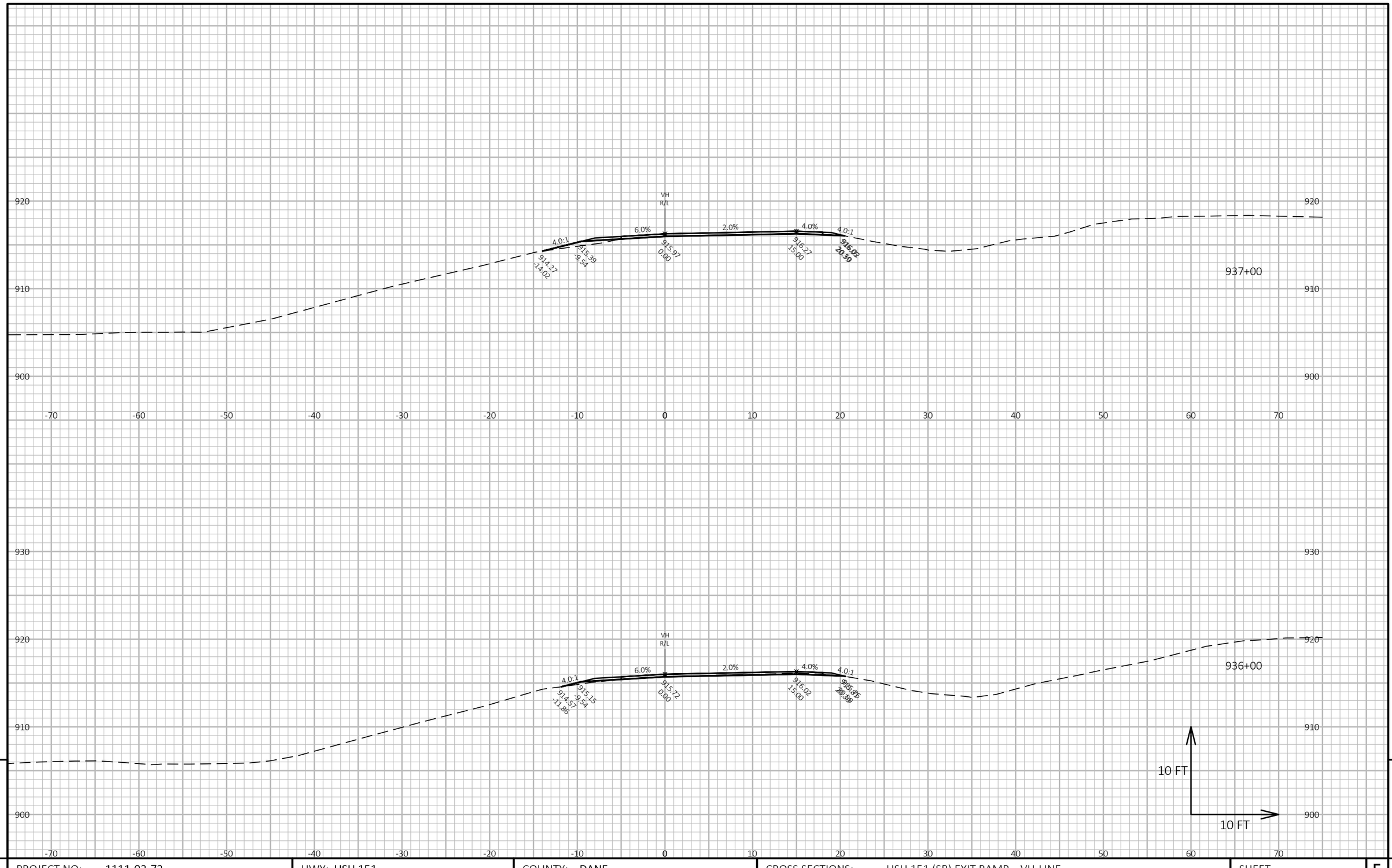
FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090203_XS.DWG
LAYOUT NAME - VH - (3)

PLOT DATE : 4/20/2018 2:43 PM

PLOT BY : GUIDER, VALERIE S

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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9

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 (SB) EXIT RAMP VH-LINE	SHEET 899	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090203_XS.DWG
LAYOUT NAME - VH - (4)

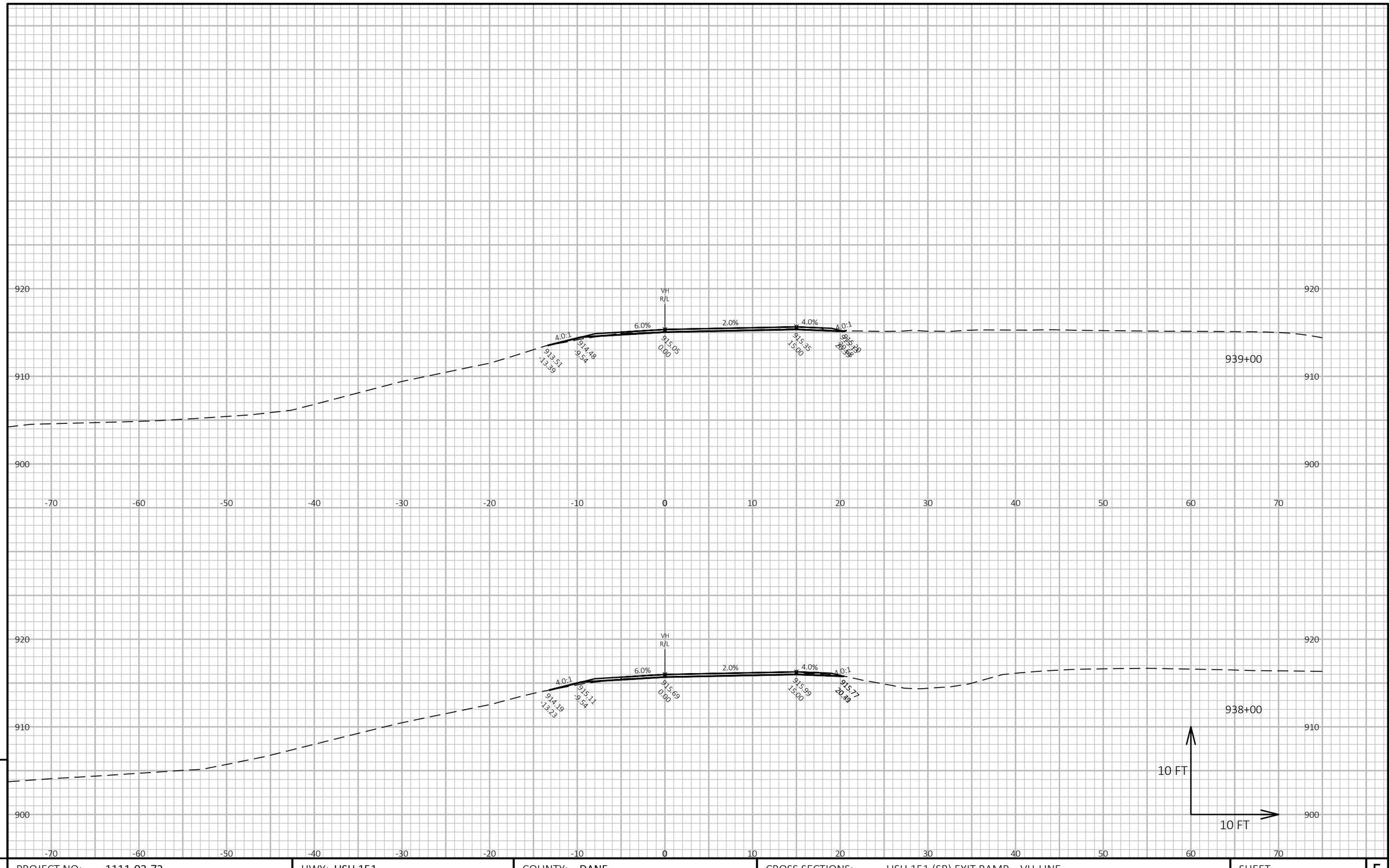
PLOT DATE : 4/20/2018 2:43 PM

PLOT BY : GUIDER, VALERIE S

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: USH 151 (SB) EXIT RAMP VH-LINE	SHEET 900	E

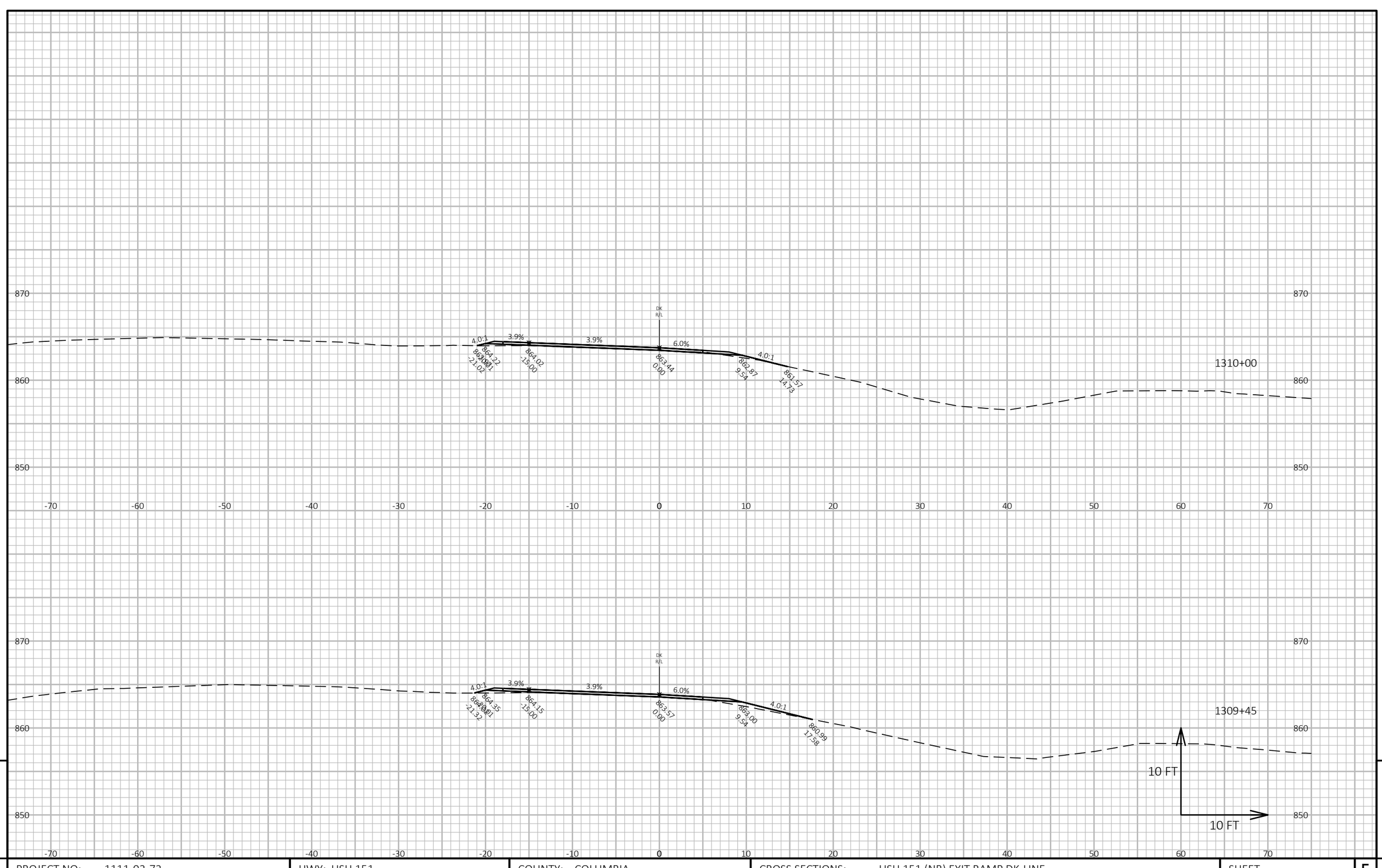
FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090203_XS.DWG
LAYOUT NAME - VH - (5)

PLOT DATE : 4/20/2018 2:43 PM

PLOT BY : GUIDER, VALERIE S

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (NB) EXIT RAMP DK-LINE	SHEET 901	E

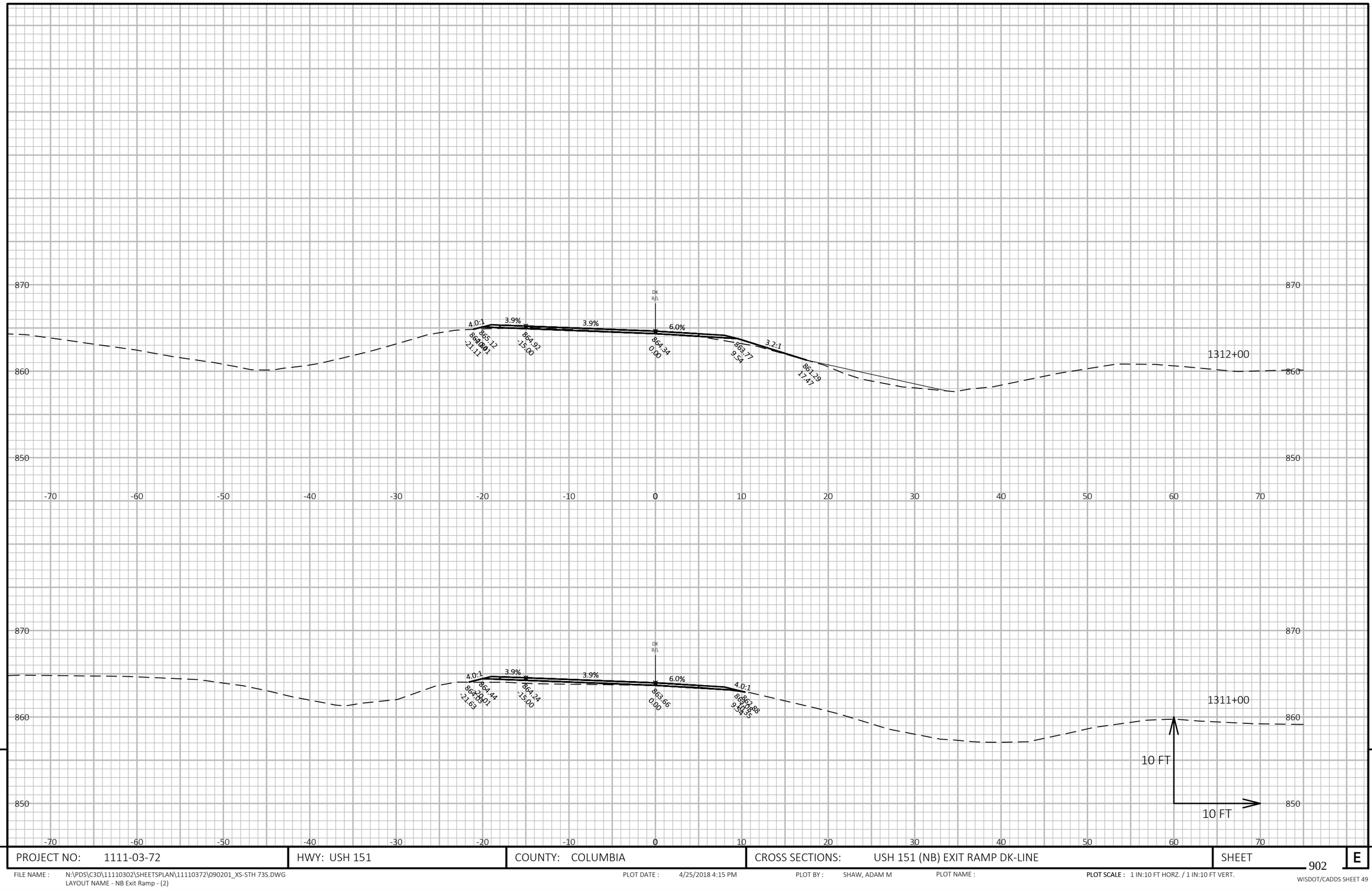
FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73S.DWG
LAYOUT NAME - NB Exit Ramp - (1)

PLOT DATE : 4/25/2018 4:15 PM

PLOT BY : SHAW, ADAM M

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (NB) EXIT RAMP DK-LINE	SHEET 902 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73S.DWG
LAYOUT NAME - NB Exit Ramp - (2)

PLOT DATE : 4/25/2018 4:15 PM PLOT BY : SHAW, ADAM M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

9

9

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (NB) EXIT RAMP DK-LINE	SHEET 903	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73S.DWG
LAYOUT NAME - NB Exit Ramp - (3)

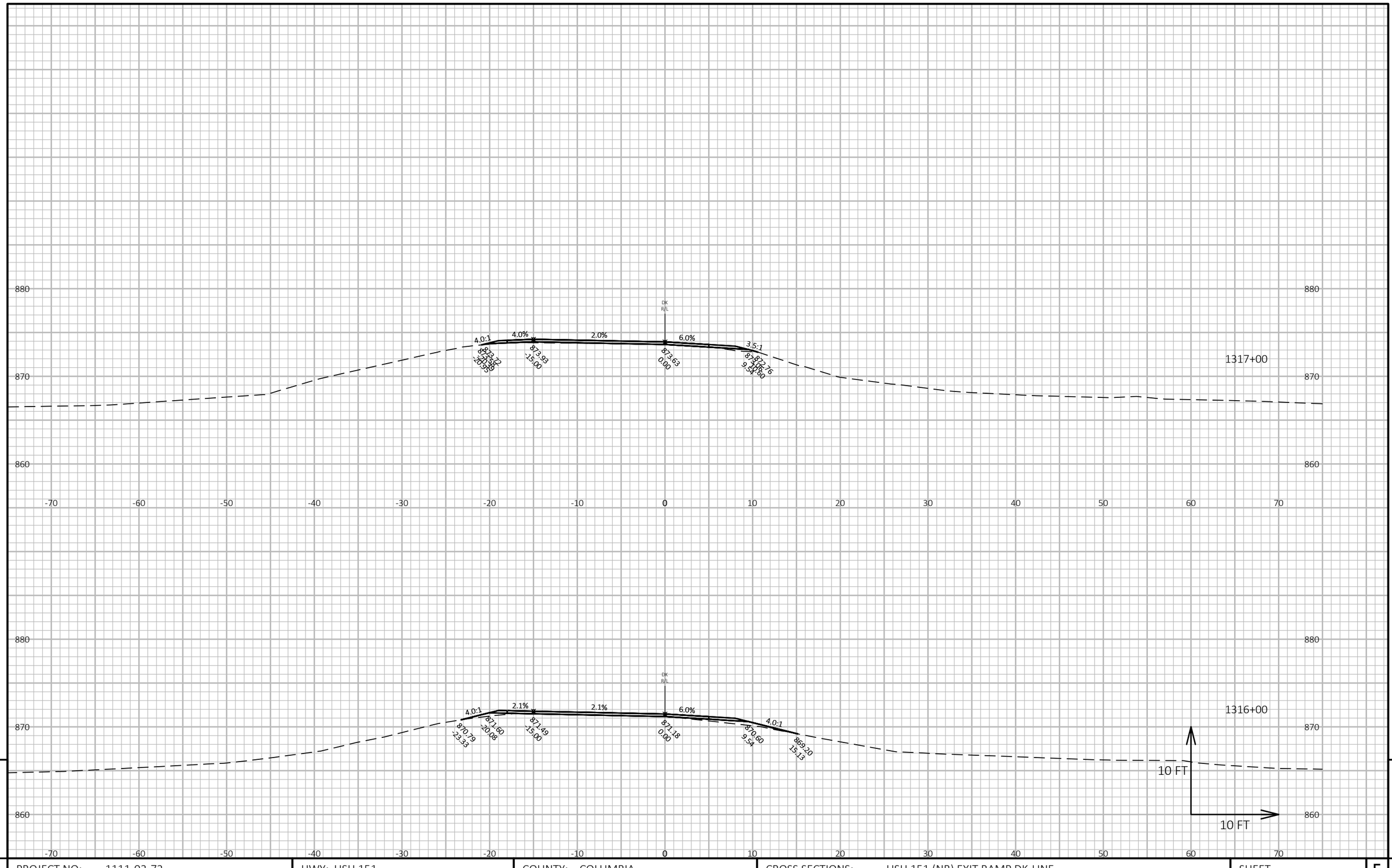
PLOT DATE : 4/25/2018 4:15 PM

PLOT BY : SHAW, ADAM M

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



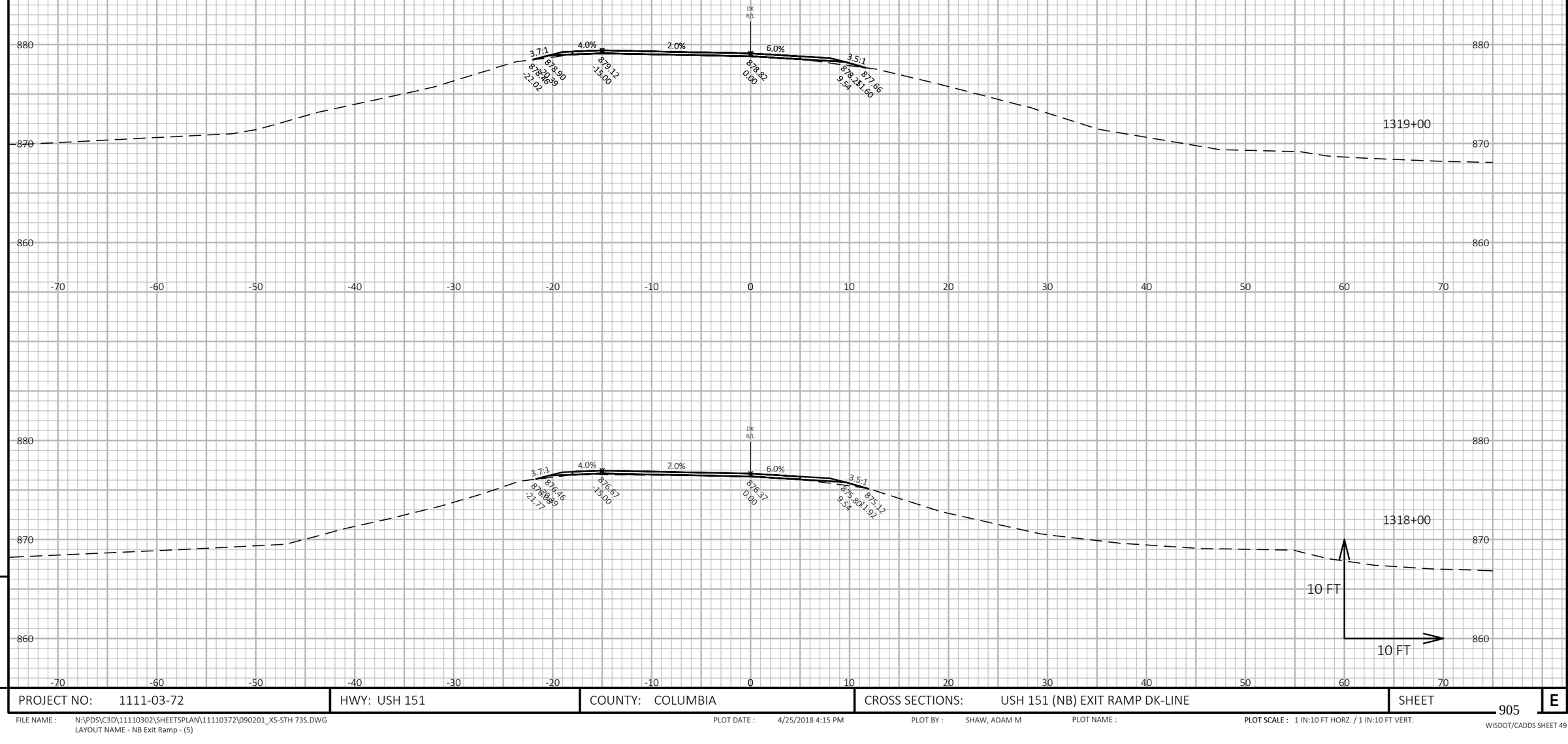
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (NB) EXIT RAMP DK-LINE	SHEET 904	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73S.DWG
LAYOUT NAME - NB Exit Ramp - (4)

PLOT DATE : 4/25/2018 4:15 PM PLOT BY : SHAW, ADAM M PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

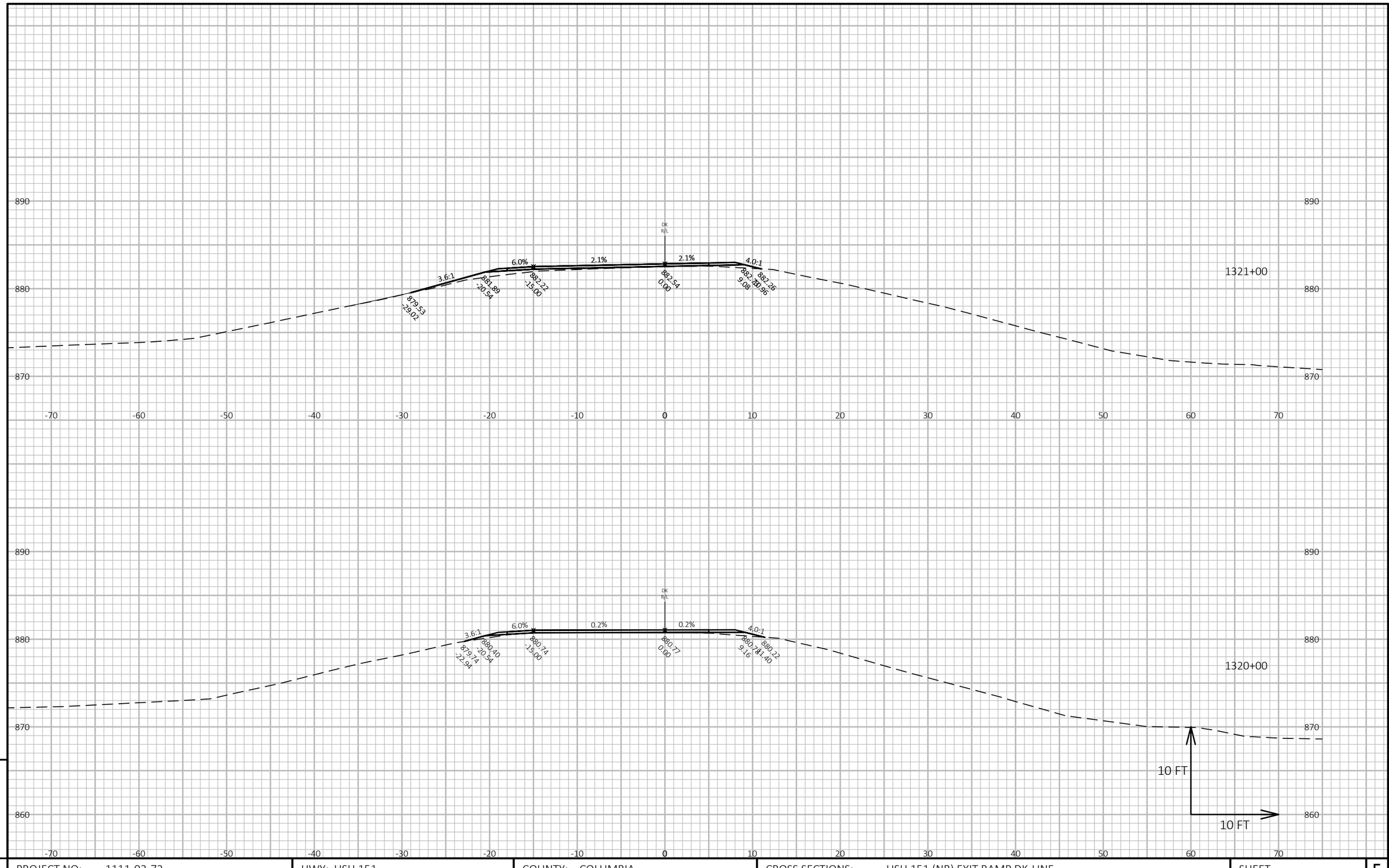


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (NB) EXIT RAMP DK-LINE	SHEET 905 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73S.DWG
LAYOUT NAME - NB Exit Ramp - (5)

PLOT DATE : 4/25/2018 4:15 PM PLOT BY : SHAW, ADAM M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

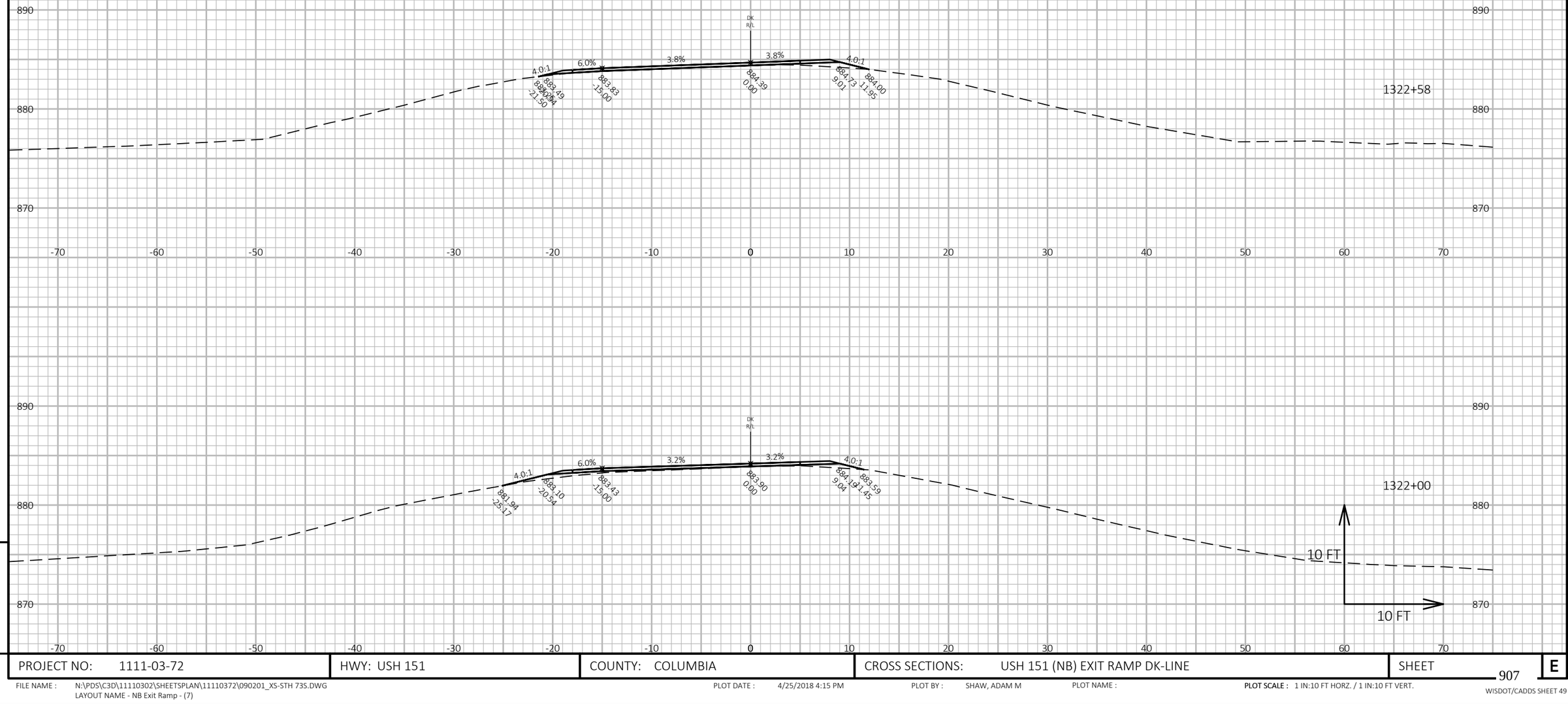
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (NB) EXIT RAMP DK-LINE	SHEET 906 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73S.DWG
LAYOUT NAME - NB Exit Ramp - (6)

PLOT DATE : 4/25/2018 4:15 PM PLOT BY : SHAW, ADAM M PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



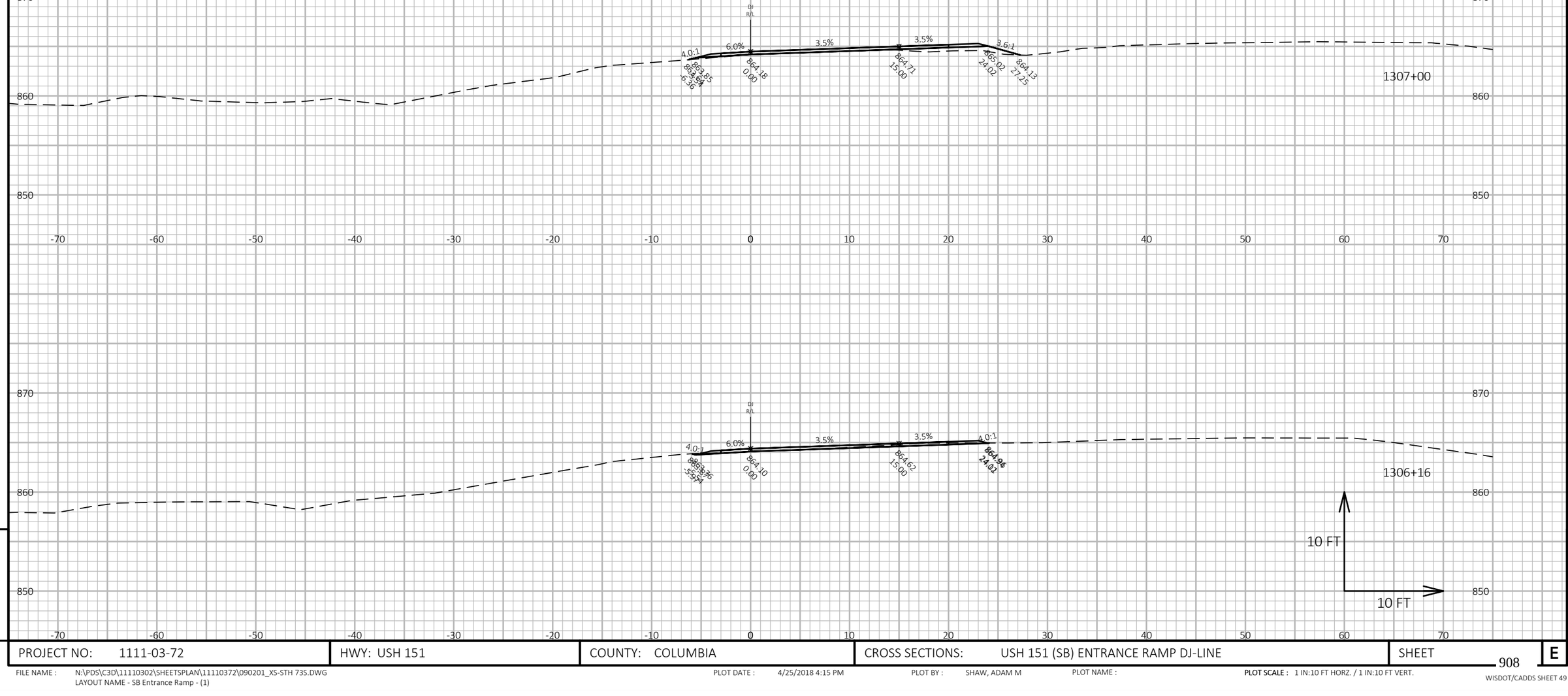
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (NB) EXIT RAMP DK-LINE	SHEET 907	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73S.DWG
LAYOUT NAME - NB Exit Ramp - (7)

PLOT DATE : 4/25/2018 4:15 PM PLOT BY : SHAW, ADAM M PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



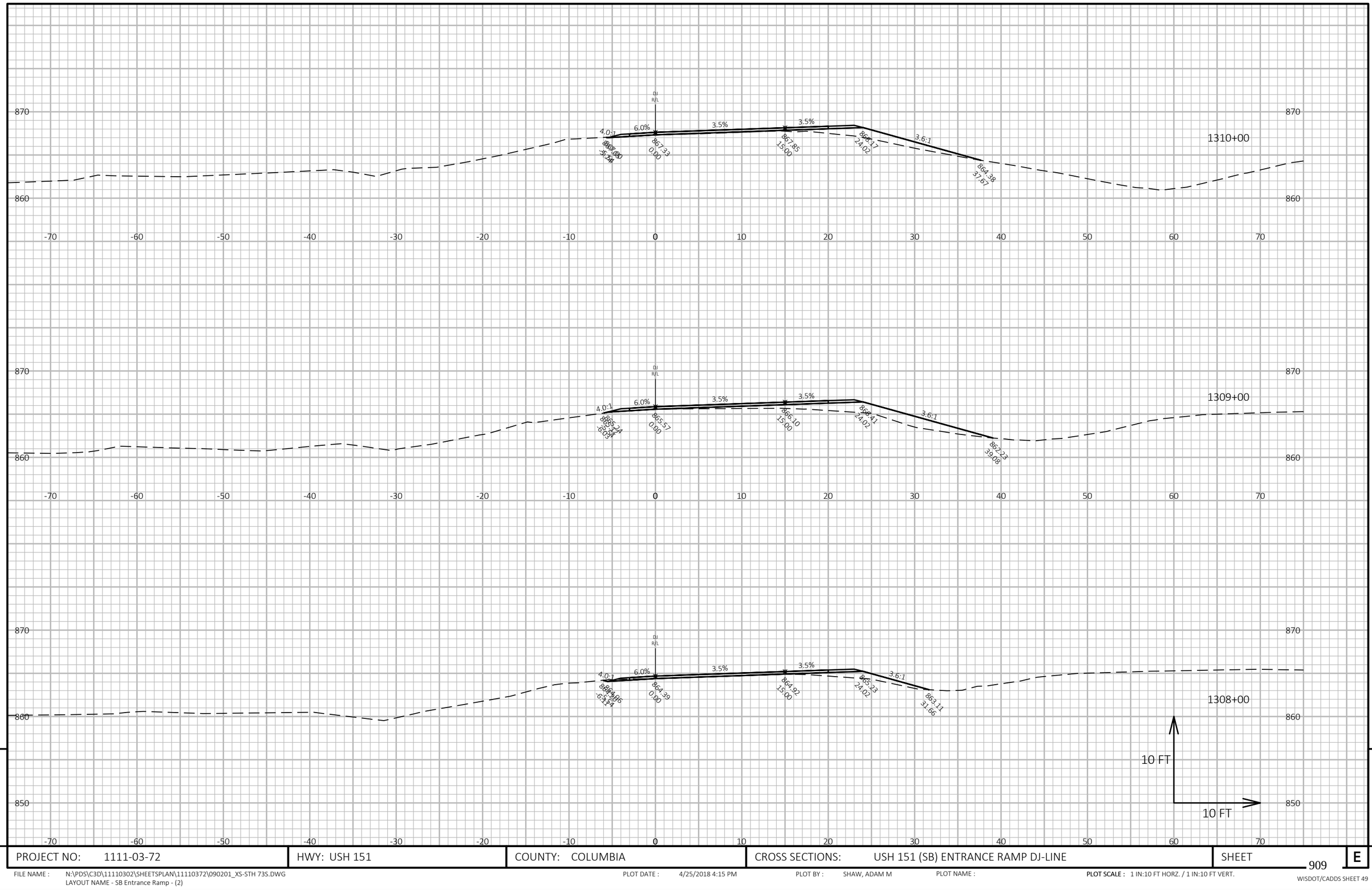
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9

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (SB) ENTRANCE RAMP DJ-LINE	SHEET 908	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73S.DWG
LAYOUT NAME - SB Entrance Ramp - (1)

PLOT DATE : 4/25/2018 4:15 PM PLOT BY : SHAW, ADAM M PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

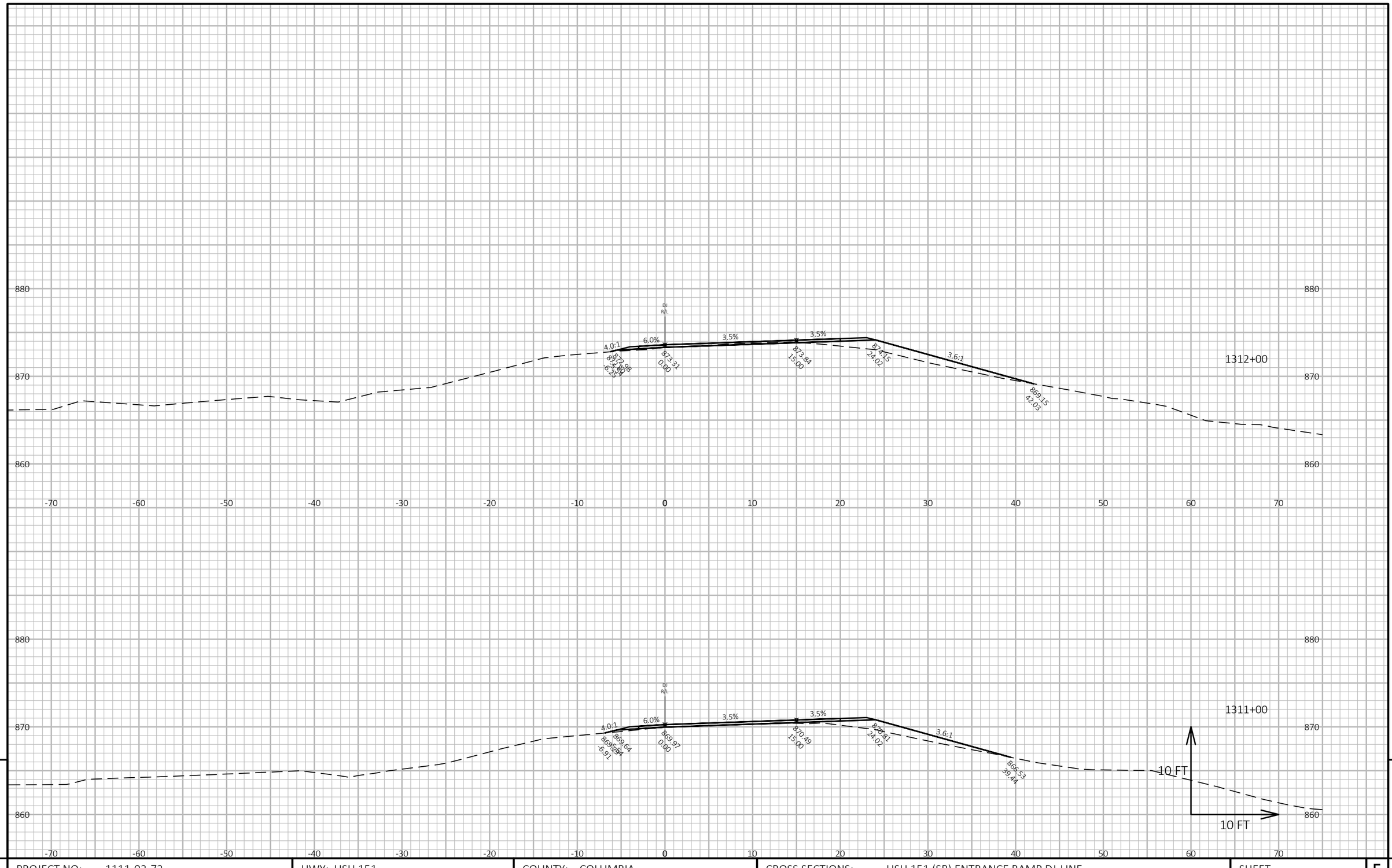


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (SB) ENTRANCE RAMP DJ-LINE	SHEET 909 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73S.DWG
LAYOUT NAME - SB Entrance Ramp - (2)

PLOT DATE : 4/25/2018 4:15 PM PLOT BY : SHAW, ADAM M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



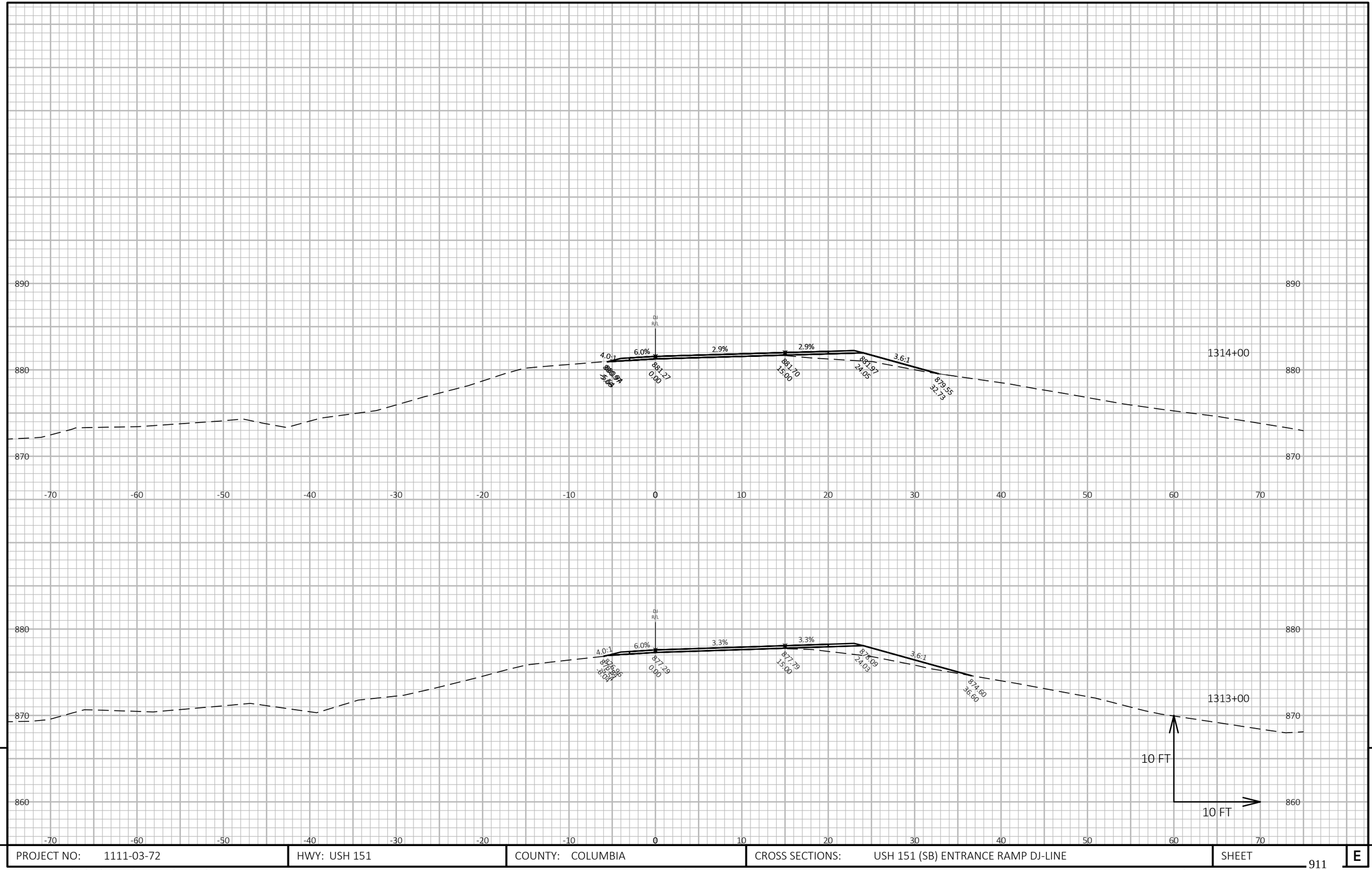
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (SB) ENTRANCE RAMP DJ-LINE	SHEET 910	E

9

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73S.DWG
LAYOUT NAME - SB Entrance Ramp - (3)

PLOT DATE : 4/25/2018 4:15 PM PLOT BY : SHAW, ADAM M PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

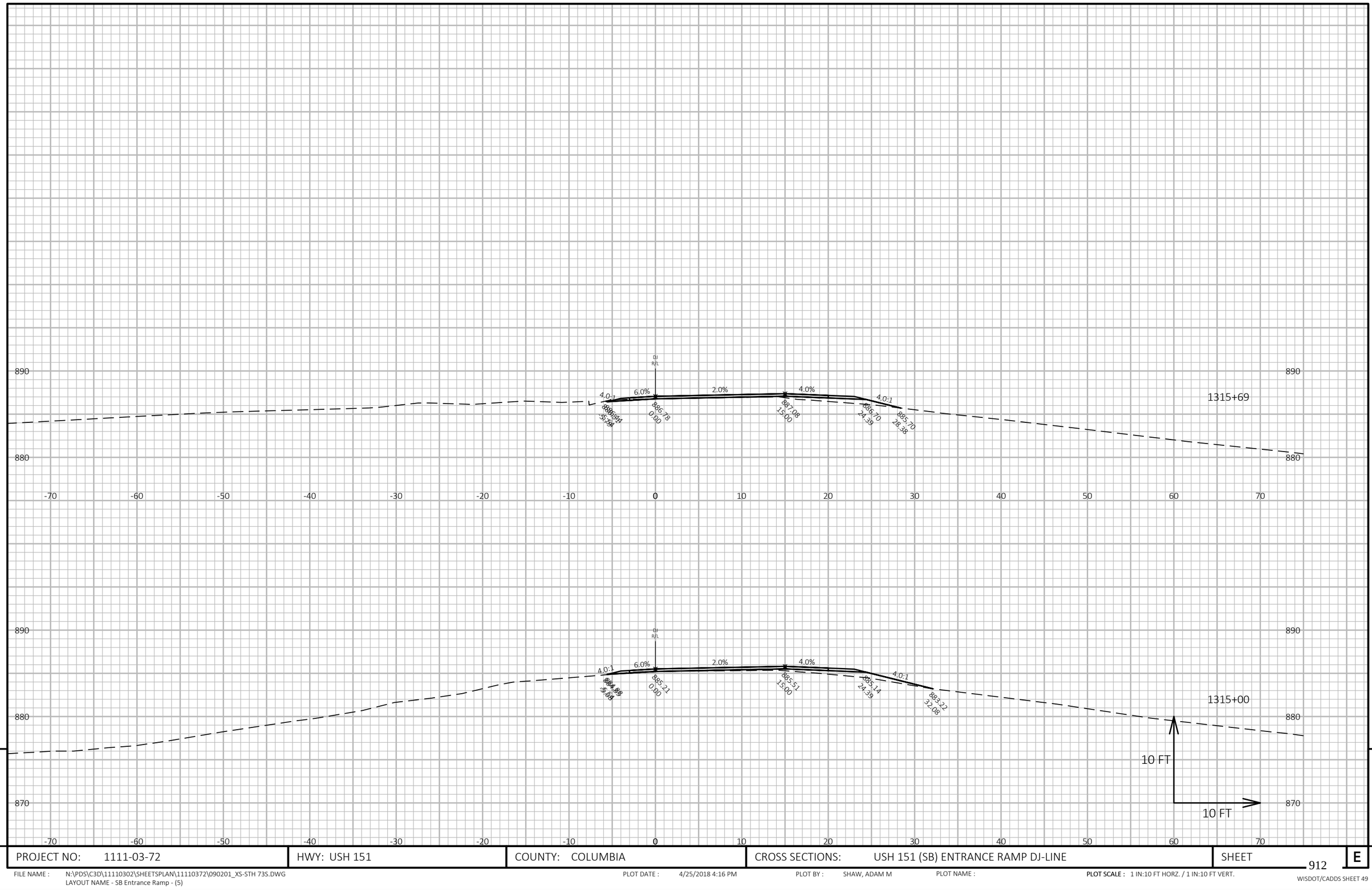


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (SB) ENTRANCE RAMP DJ-LINE	SHEET 911 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73S.DWG
LAYOUT NAME - SB Entrance Ramp - (4)

PLOT DATE : 4/25/2018 4:15 PM PLOT BY : SHAW, ADAM M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



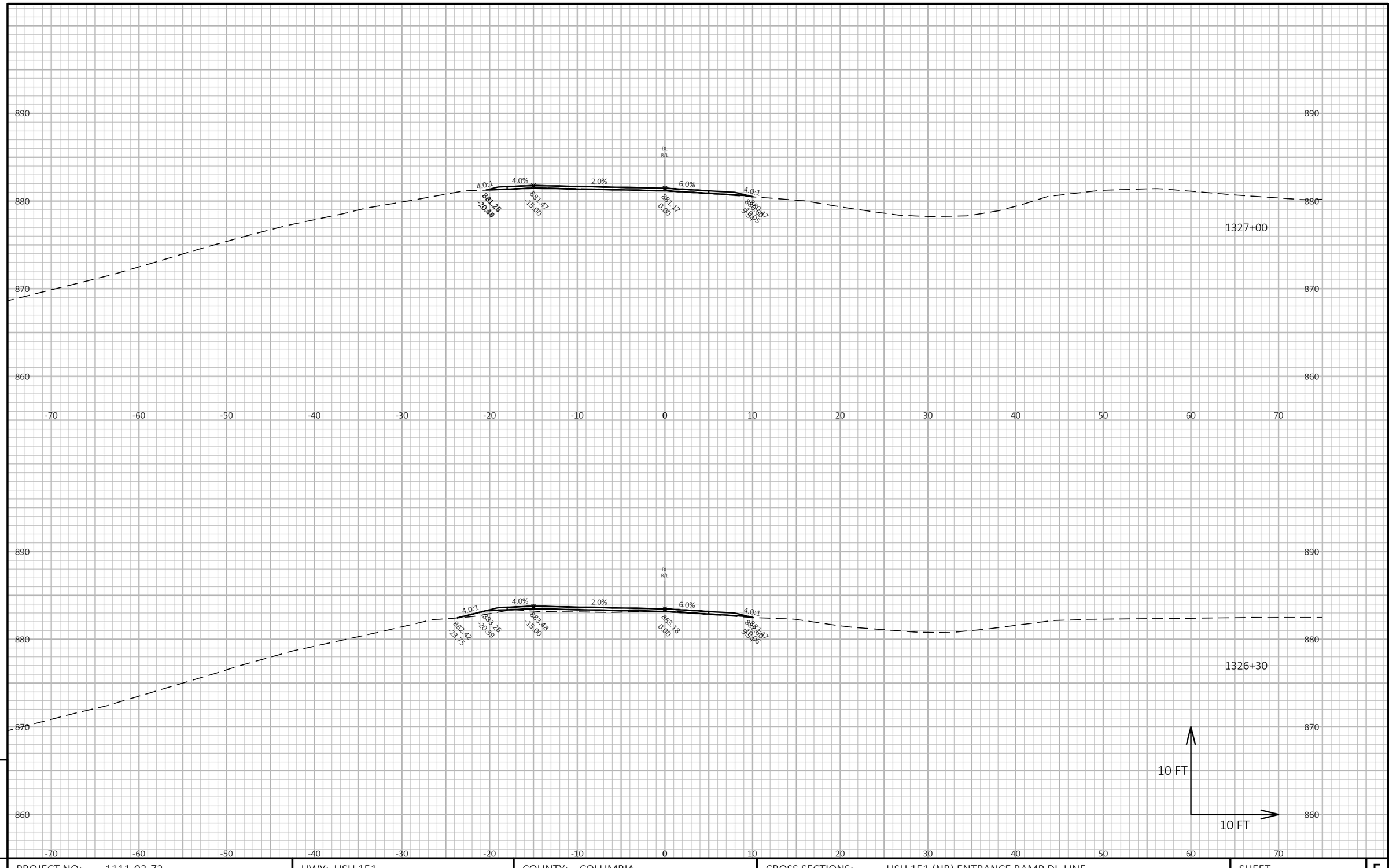
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (SB) ENTRANCE RAMP DJ-LINE	SHEET 912	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73S.DWG
LAYOUT NAME - SB Entrance Ramp - (5)

PLOT DATE : 4/25/2018 4:16 PM PLOT BY : SHAW, ADAM M PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



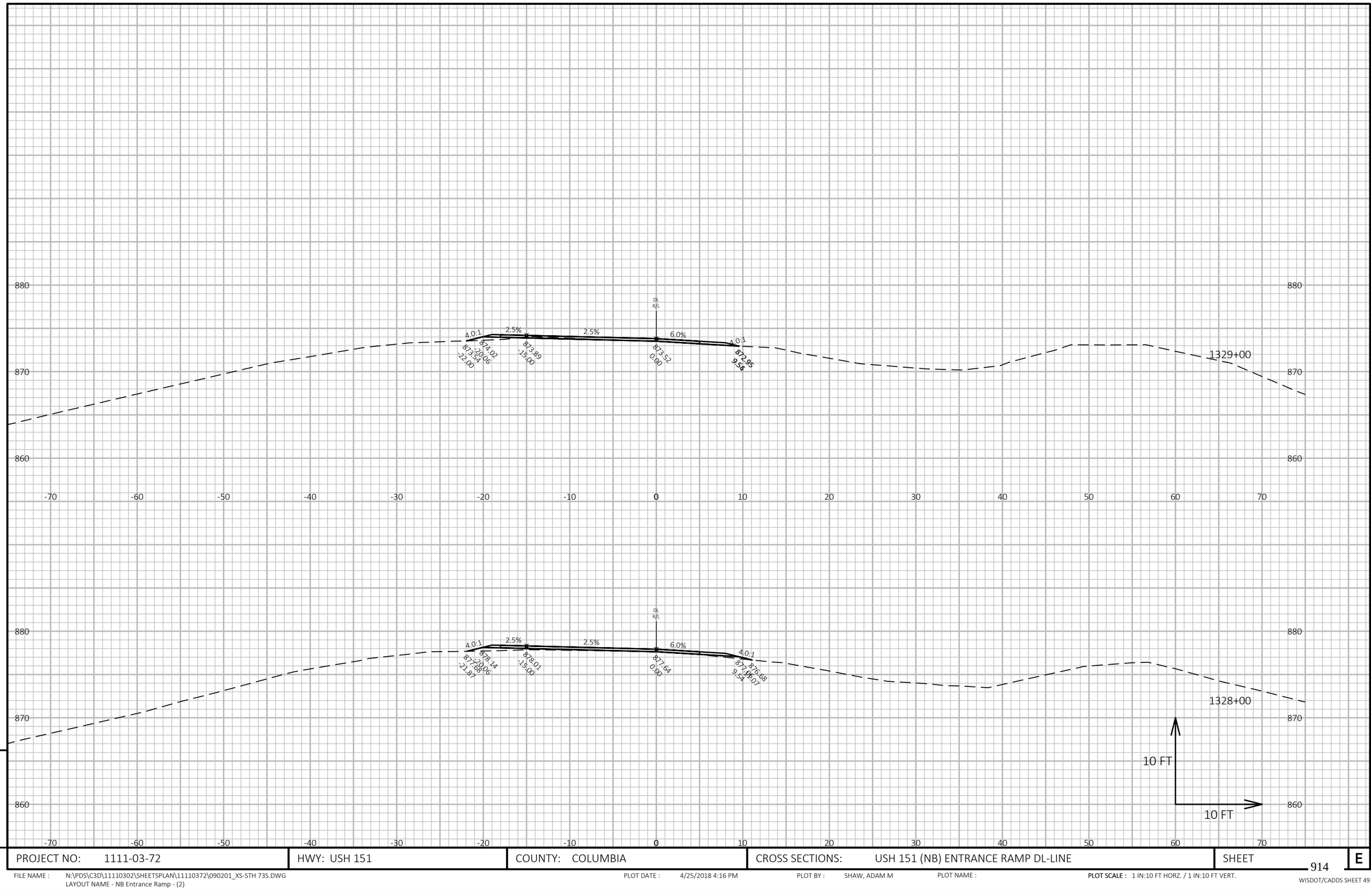
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9

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (NB) ENTRANCE RAMP DL-LINE	SHEET 913 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73S.DWG
LAYOUT NAME - NB Entrance Ramp - (1)

PLOT DATE : 4/25/2018 4:16 PM PLOT BY : SHAW, ADAM M PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



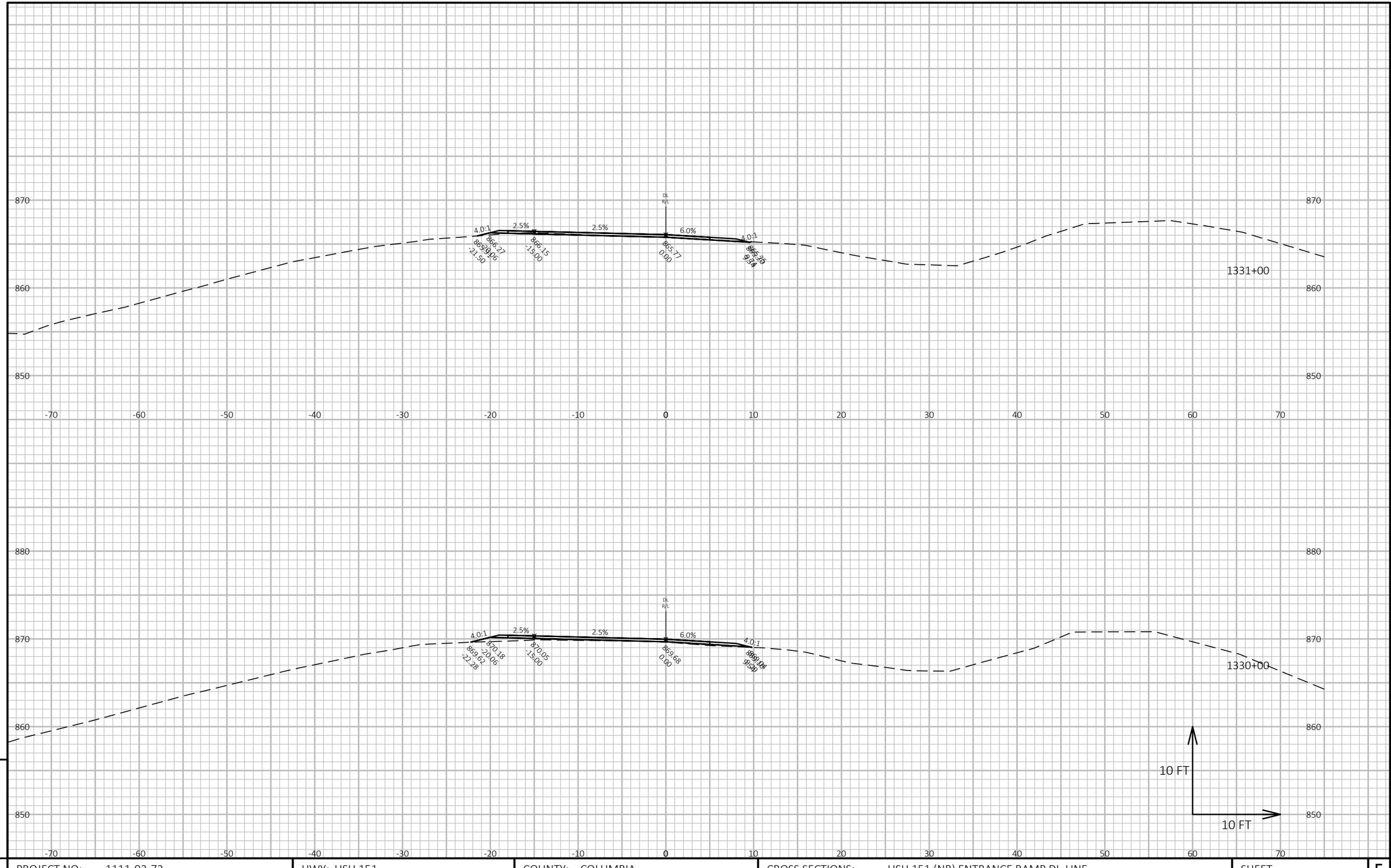
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (NB) ENTRANCE RAMP DL-LINE	SHEET 914 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73S.DWG
LAYOUT NAME - NB Entrance Ramp - (2)

PLOT DATE : 4/25/2018 4:16 PM PLOT BY : SHAW, ADAM M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

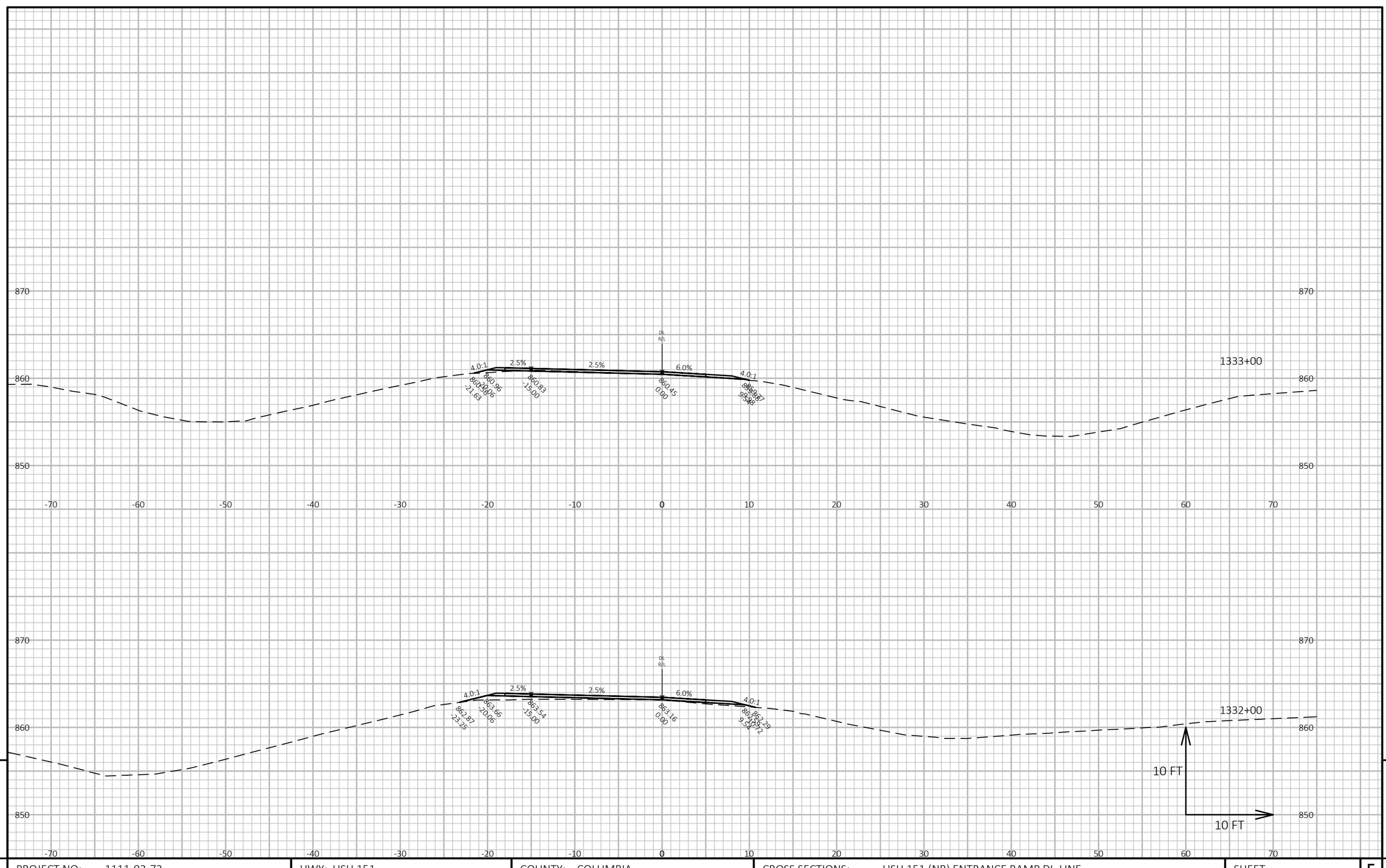


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (NB) ENTRANCE RAMP DL-LINE	SHEET 915 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73S.DWG
LAYOUT NAME - NB Entrance Ramp - (3)

PLOT DATE : 4/25/2018 4:16 PM PLOT BY : SHAW, ADAM M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



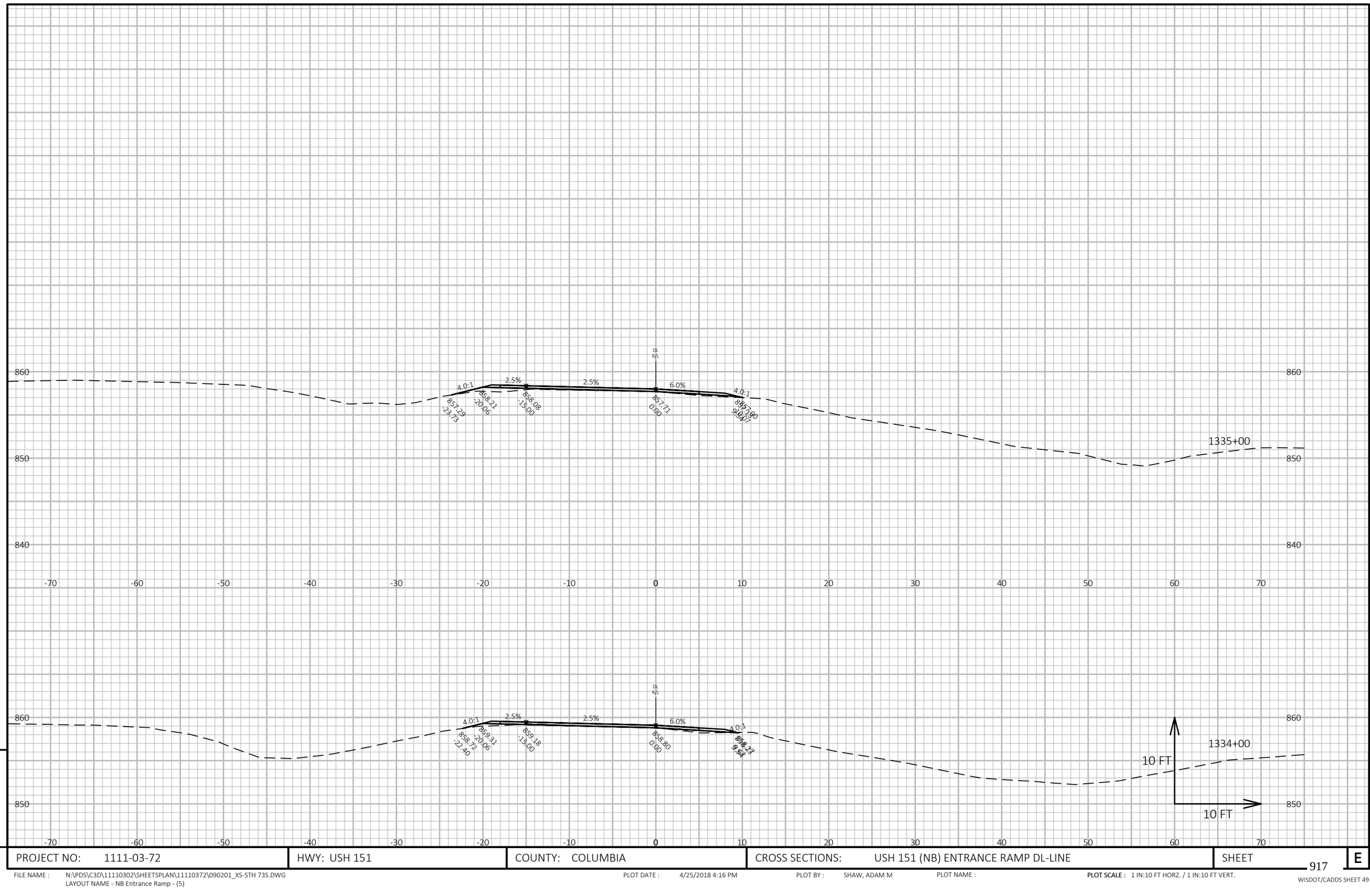
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (NB) ENTRANCE RAMP DL-LINE	SHEET 916 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73S.DWG
LAYOUT NAME - NB Entrance Ramp - (4)

PLOT DATE : 4/25/2018 4:16 PM PLOT BY : SHAW, ADAM M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



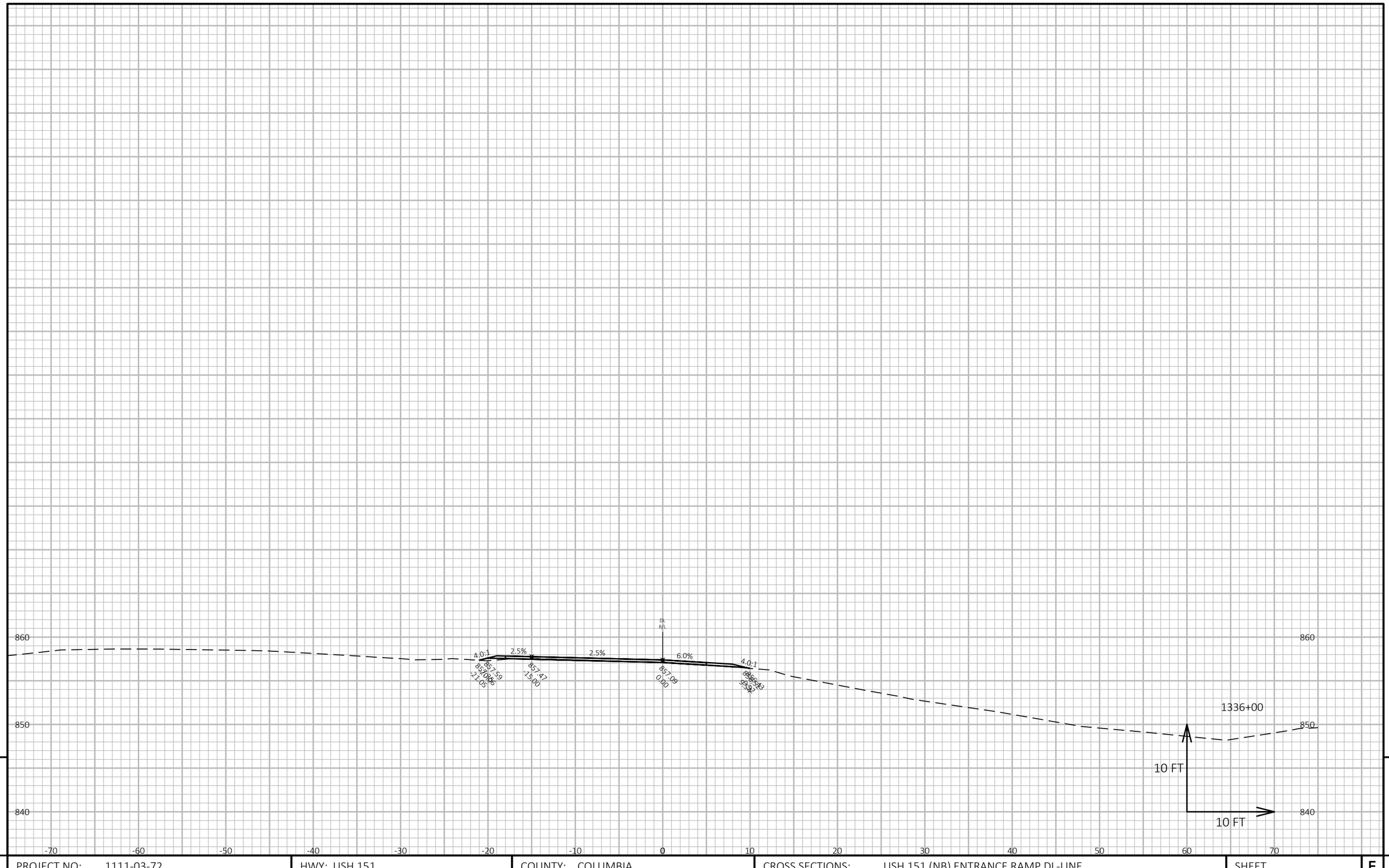
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (NB) ENTRANCE RAMP DL-LINE	SHEET 917	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73S.DWG
LAYOUT NAME - NB Entrance Ramp - (5)

PLOT DATE : 4/25/2018 4:16 PM PLOT BY : SHAW, ADAM M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



9

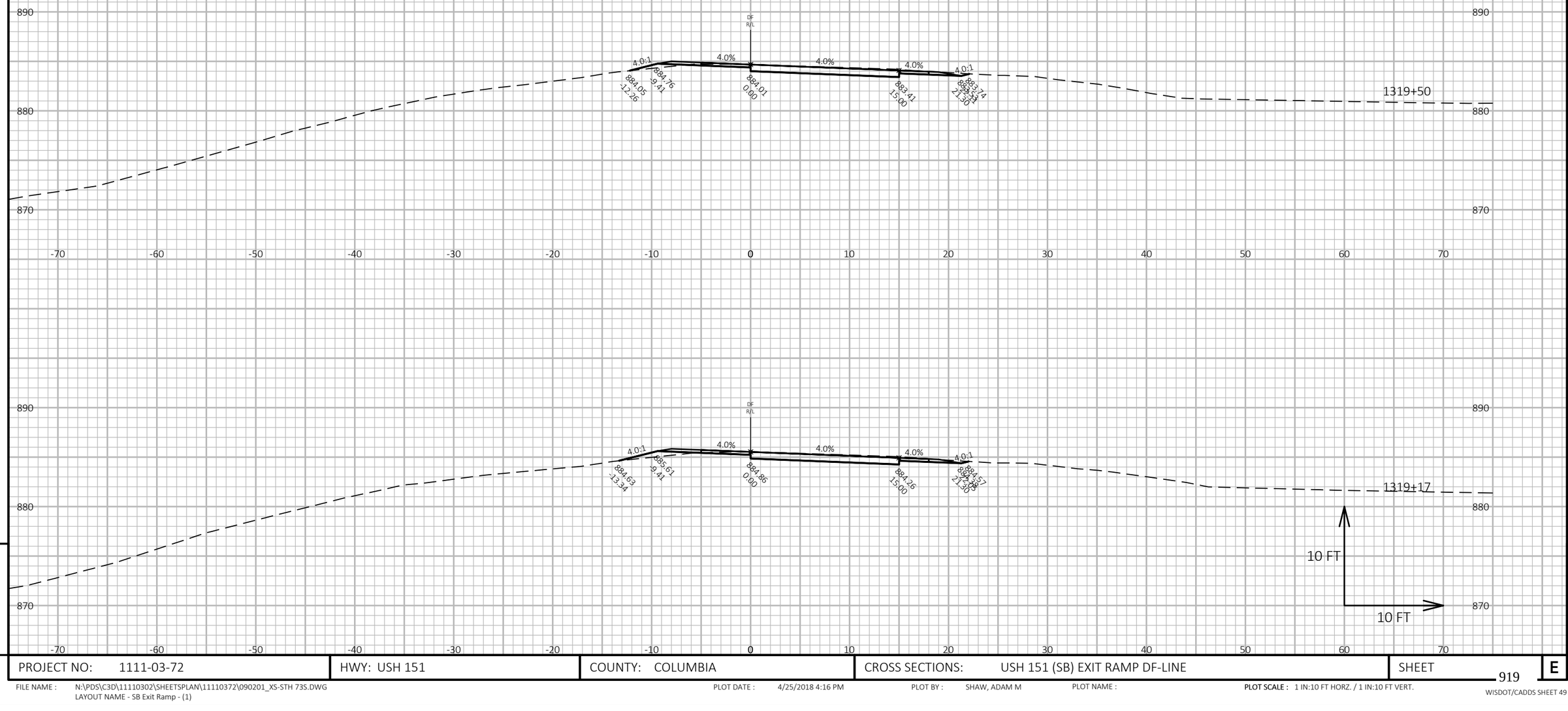
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (NB) ENTRANCE RAMP DL-LINE	SHEET 918 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73S.DWG
LAYOUT NAME - NB Entrance Ramp - (6)

PLOT DATE : 4/25/2018 4:16 PM PLOT BY : SHAW, ADAM M PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (SB) EXIT RAMP DF-LINE	SHEET 919	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73S.DWG
LAYOUT NAME - SB Exit Ramp - (1)

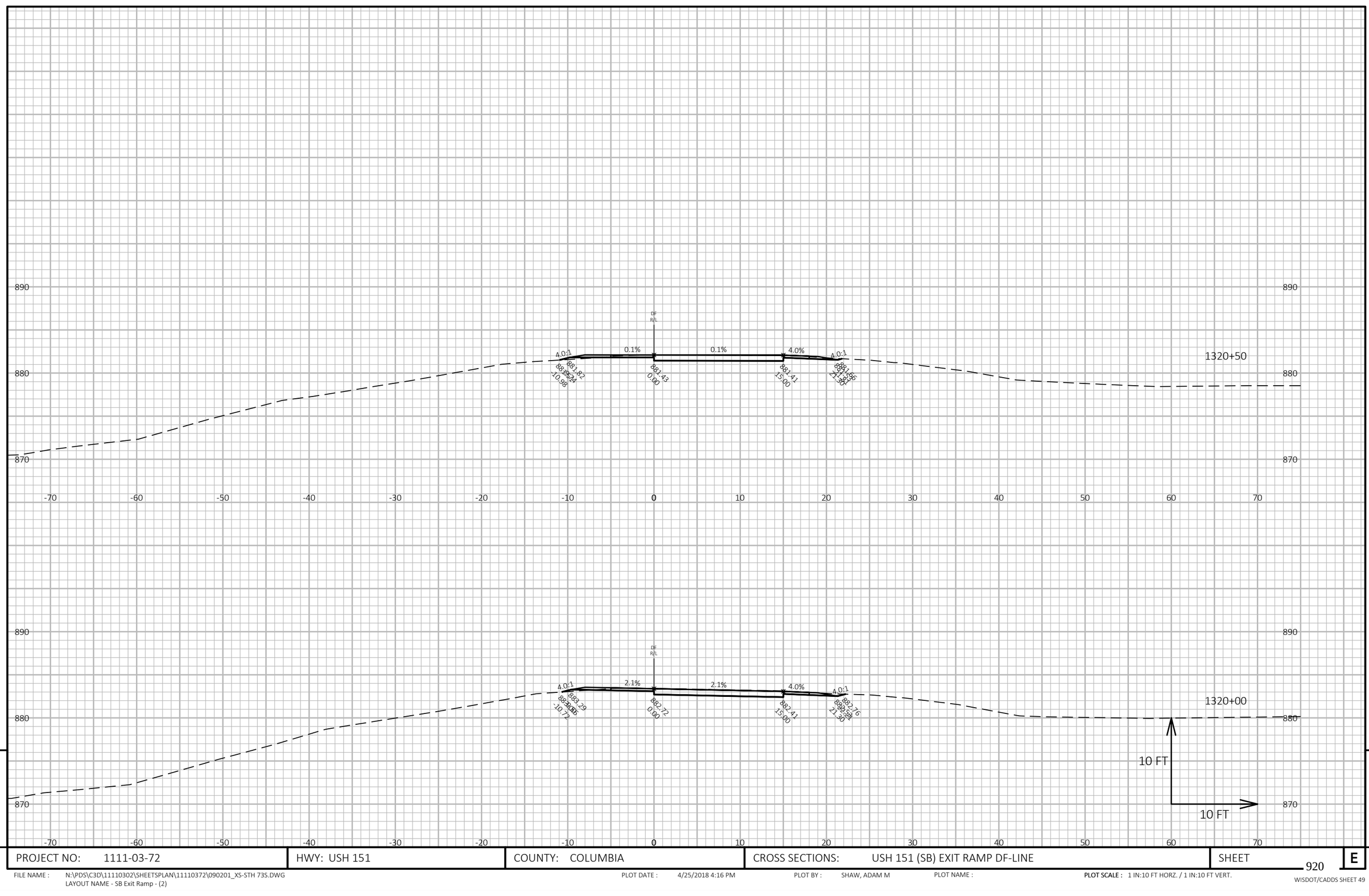
PLOT DATE : 4/25/2018 4:16 PM

PLOT BY : SHAW, ADAM M

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

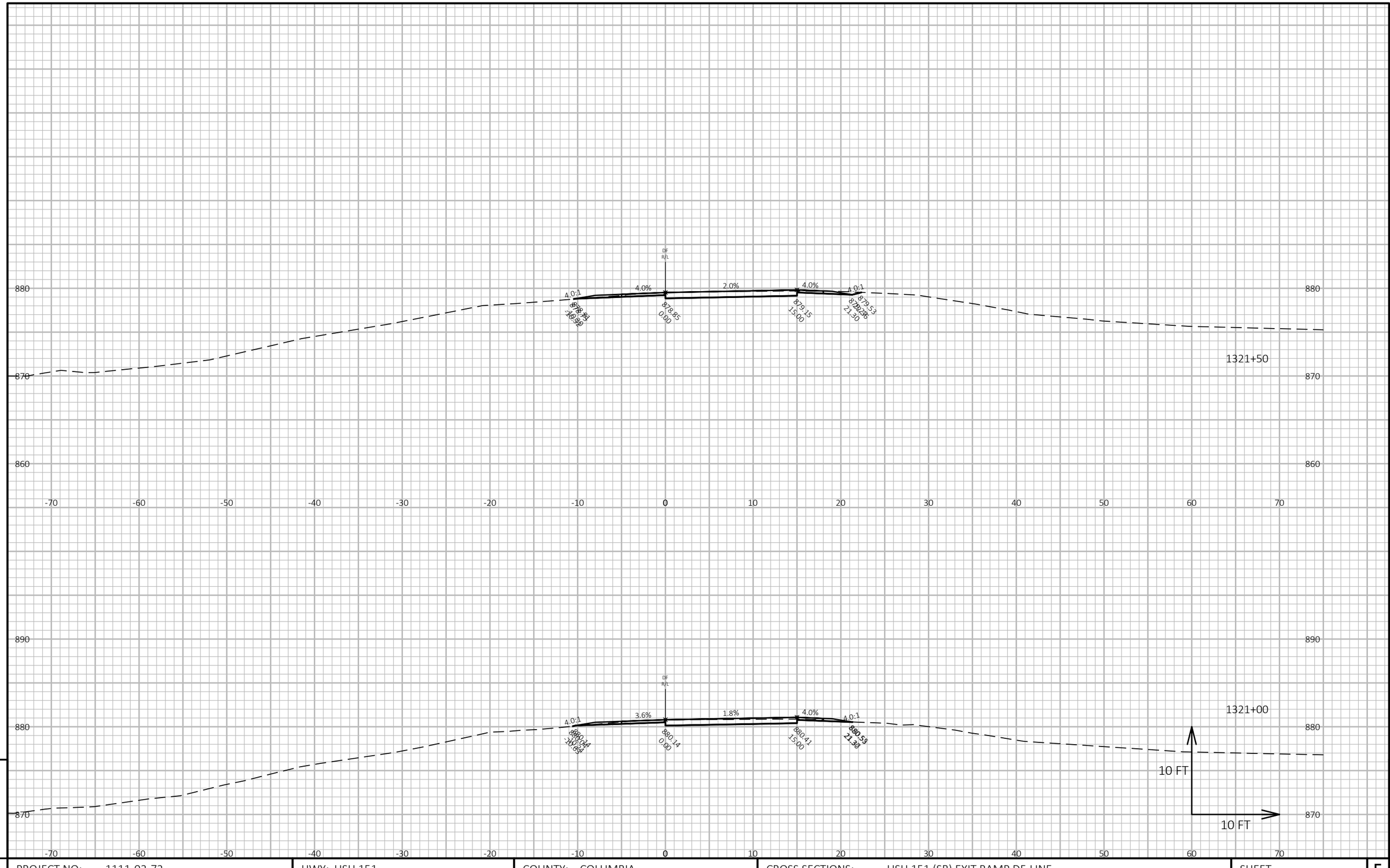
WISDOT/CADDS SHEET 49



PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (SB) EXIT RAMP DF-LINE	SHEET 920	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73S.DWG
LAYOUT NAME - SB Exit Ramp - (2)

PLOT DATE : 4/25/2018 4:16 PM PLOT BY : SHAW, ADAM M PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



9

9

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (SB) EXIT RAMP DF-LINE	SHEET 921	E

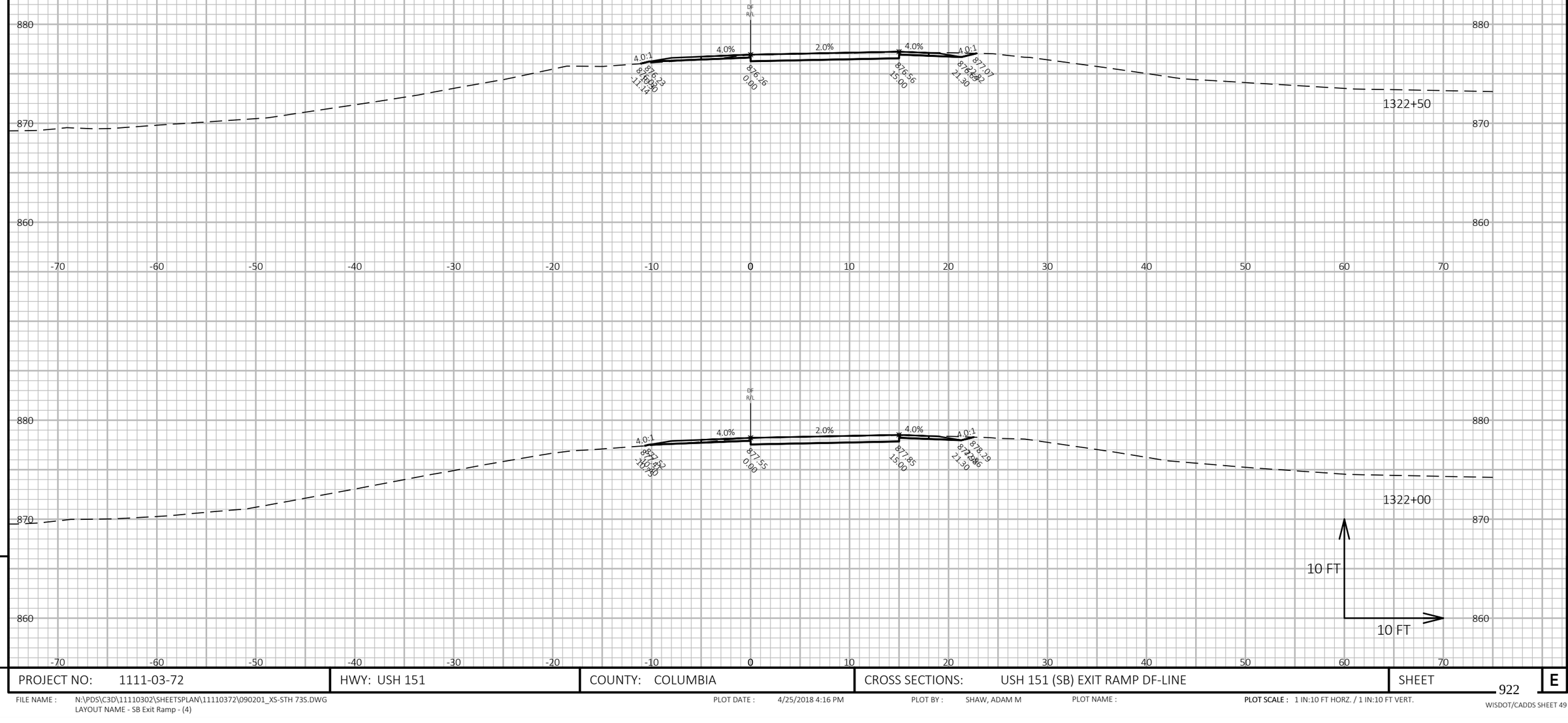
FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73S.DWG
LAYOUT NAME - SB Exit Ramp - (3)

PLOT DATE : 4/25/2018 4:16 PM

PLOT BY : SHAW, ADAM M

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



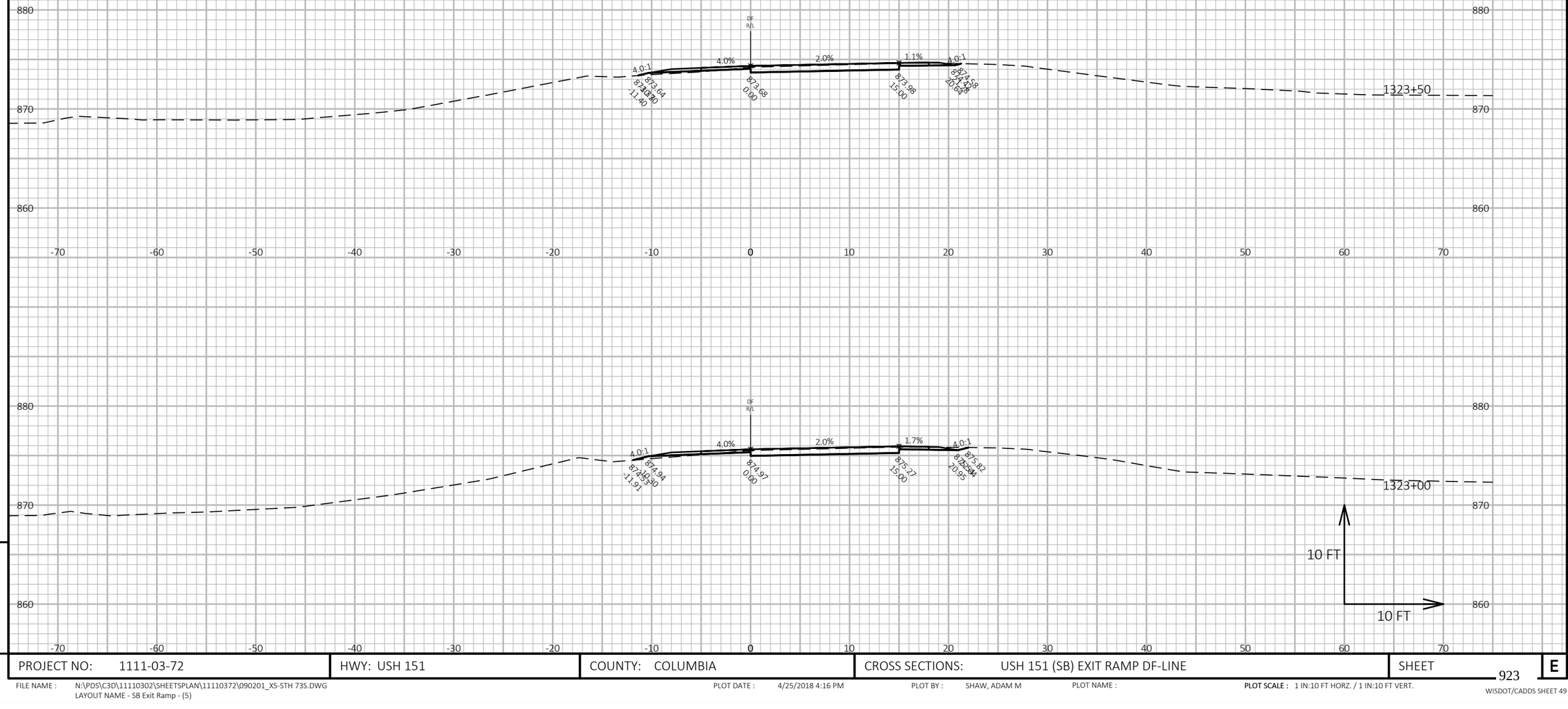
9

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (SB) EXIT RAMP DF-LINE	SHEET 922	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73S.DWG
LAYOUT NAME - SB Exit Ramp - (4)

PLOT DATE : 4/25/2018 4:16 PM PLOT BY : SHAW, ADAM M PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



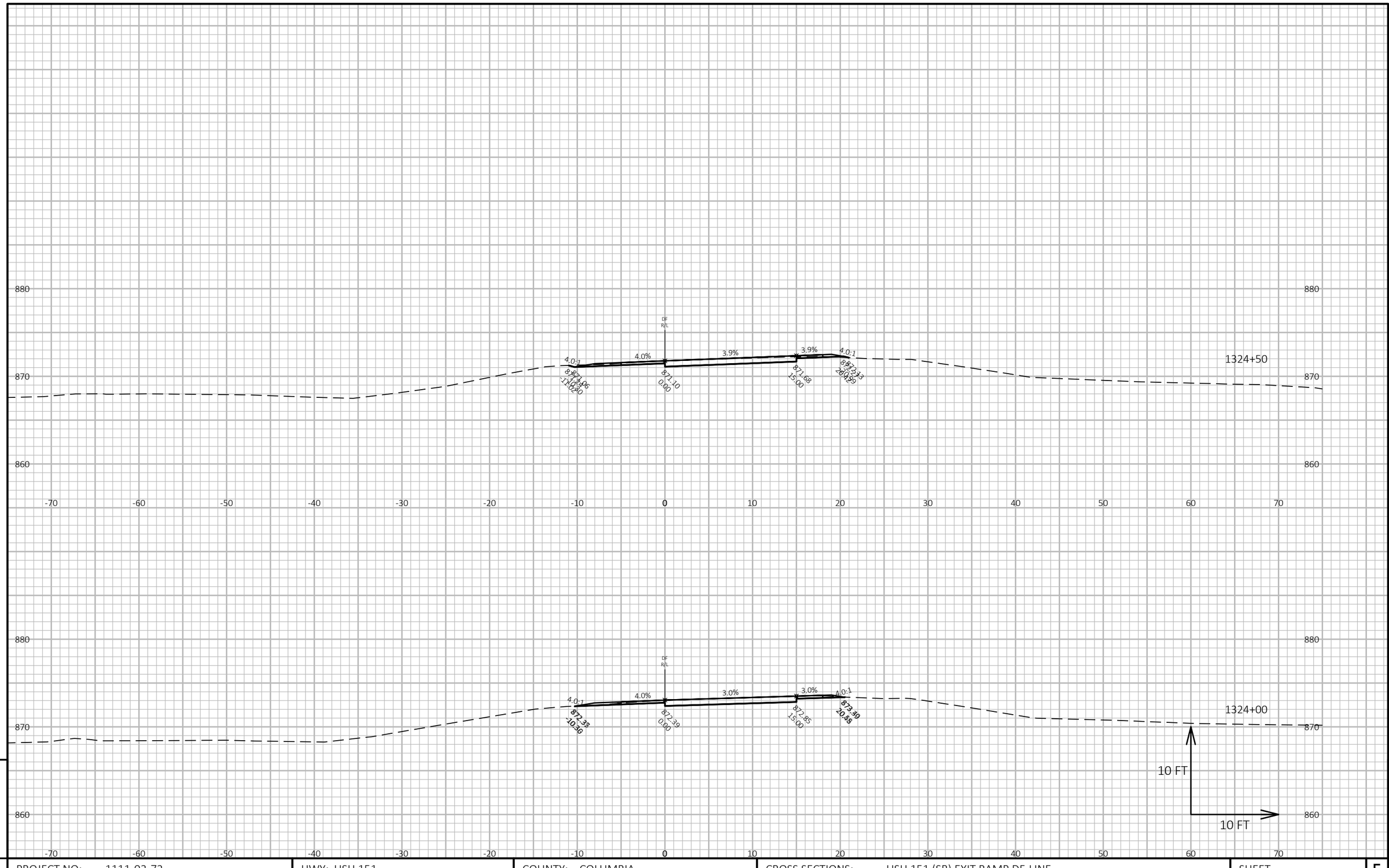
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9

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (SB) EXIT RAMP DF-LINE	SHEET 923	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73S.DWG
LAYOUT NAME - SB Exit Ramp - (5)

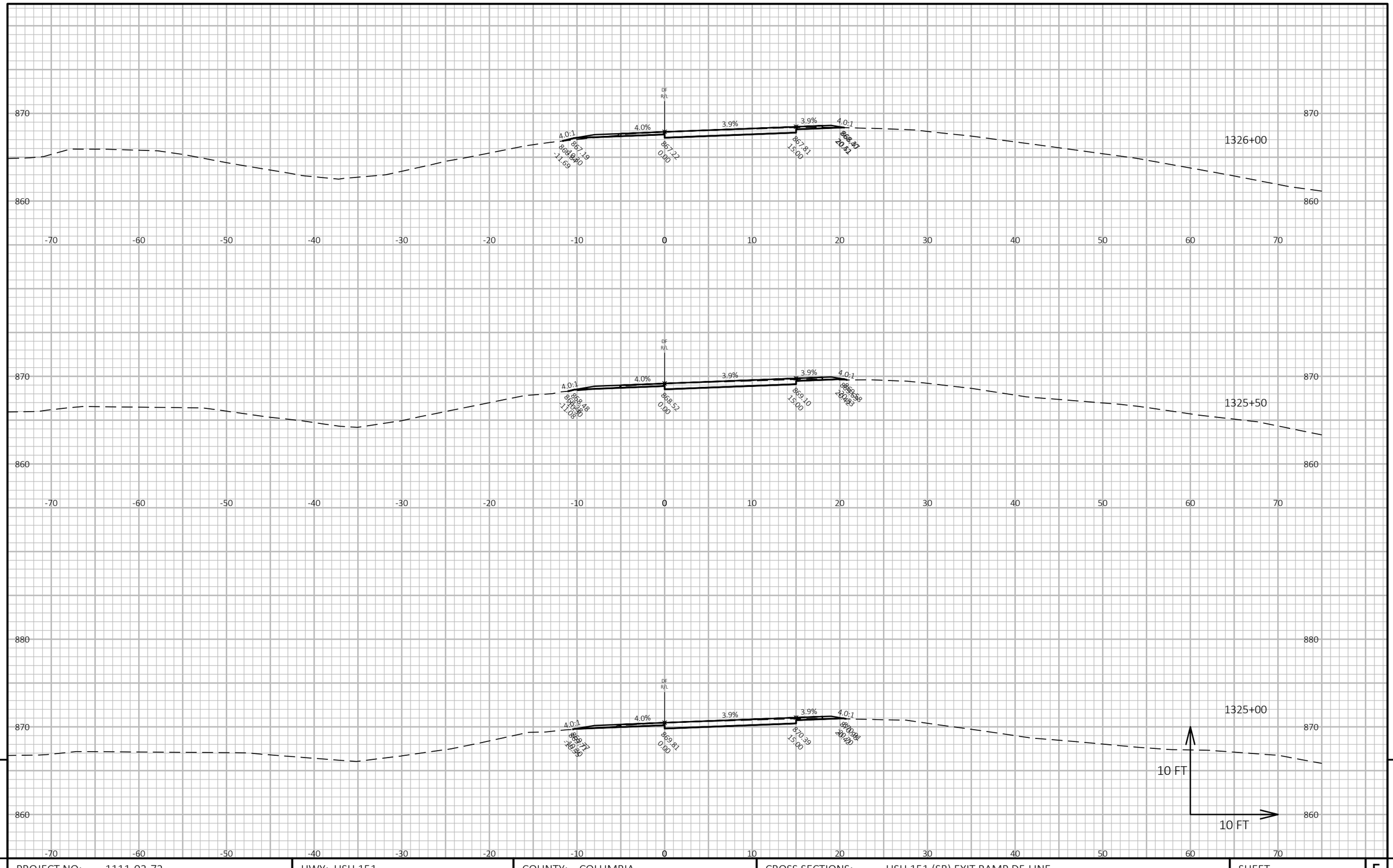
PLOT DATE : 4/25/2018 4:16 PM PLOT BY : SHAW, ADAM M PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (SB) EXIT RAMP DF-LINE	SHEET 924	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73S.DWG
LAYOUT NAME - SB Exit Ramp - (6)

PLOT DATE : 4/25/2018 4:16 PM PLOT BY : SHAW, ADAM M PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



9

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (SB) EXIT RAMP DF-LINE	SHEET 925	E

9

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73S.DWG
LAYOUT NAME - SB Exit Ramp - (7)

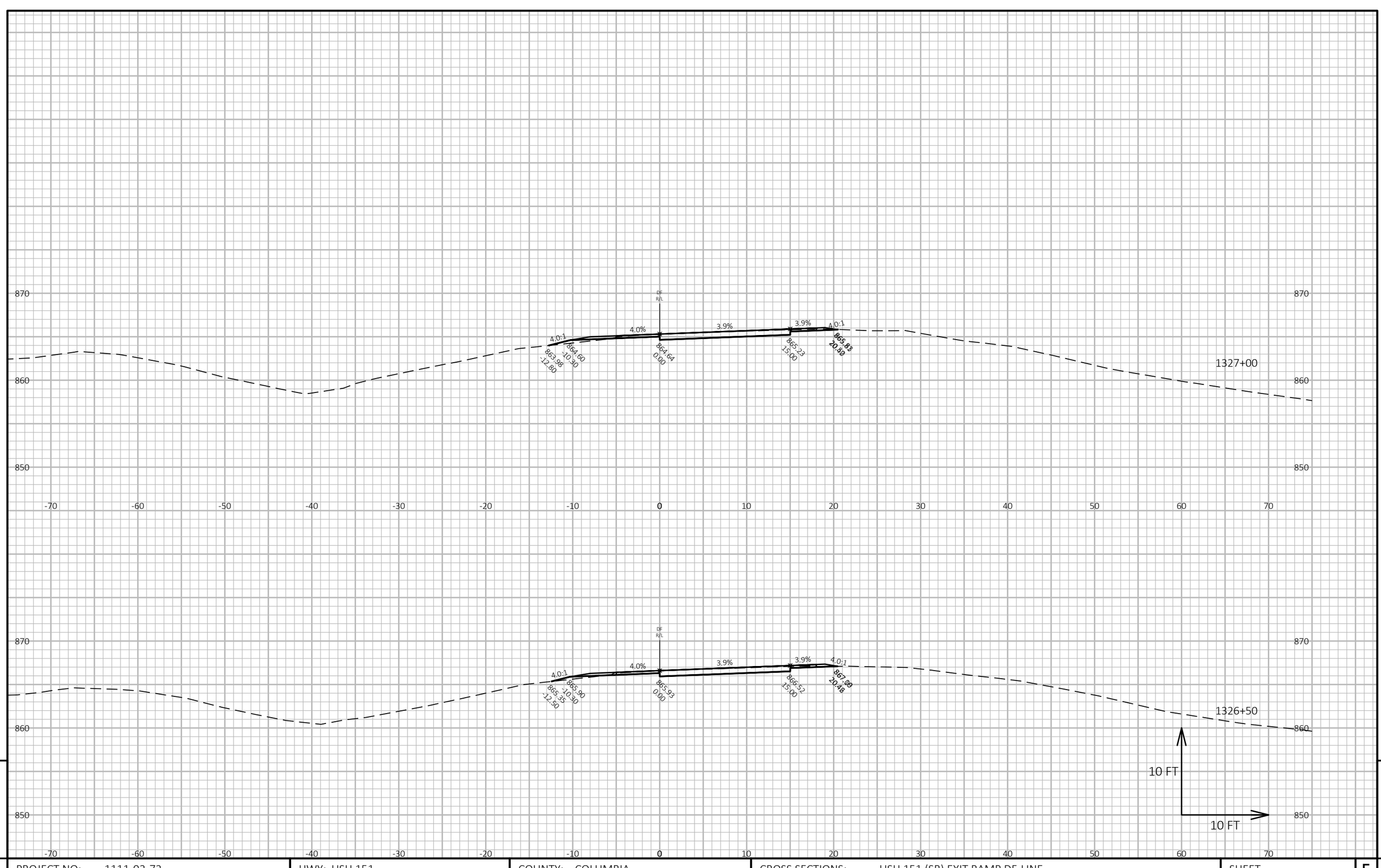
PLOT DATE : 4/25/2018 4:16 PM

PLOT BY : SHAW, ADAM M

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

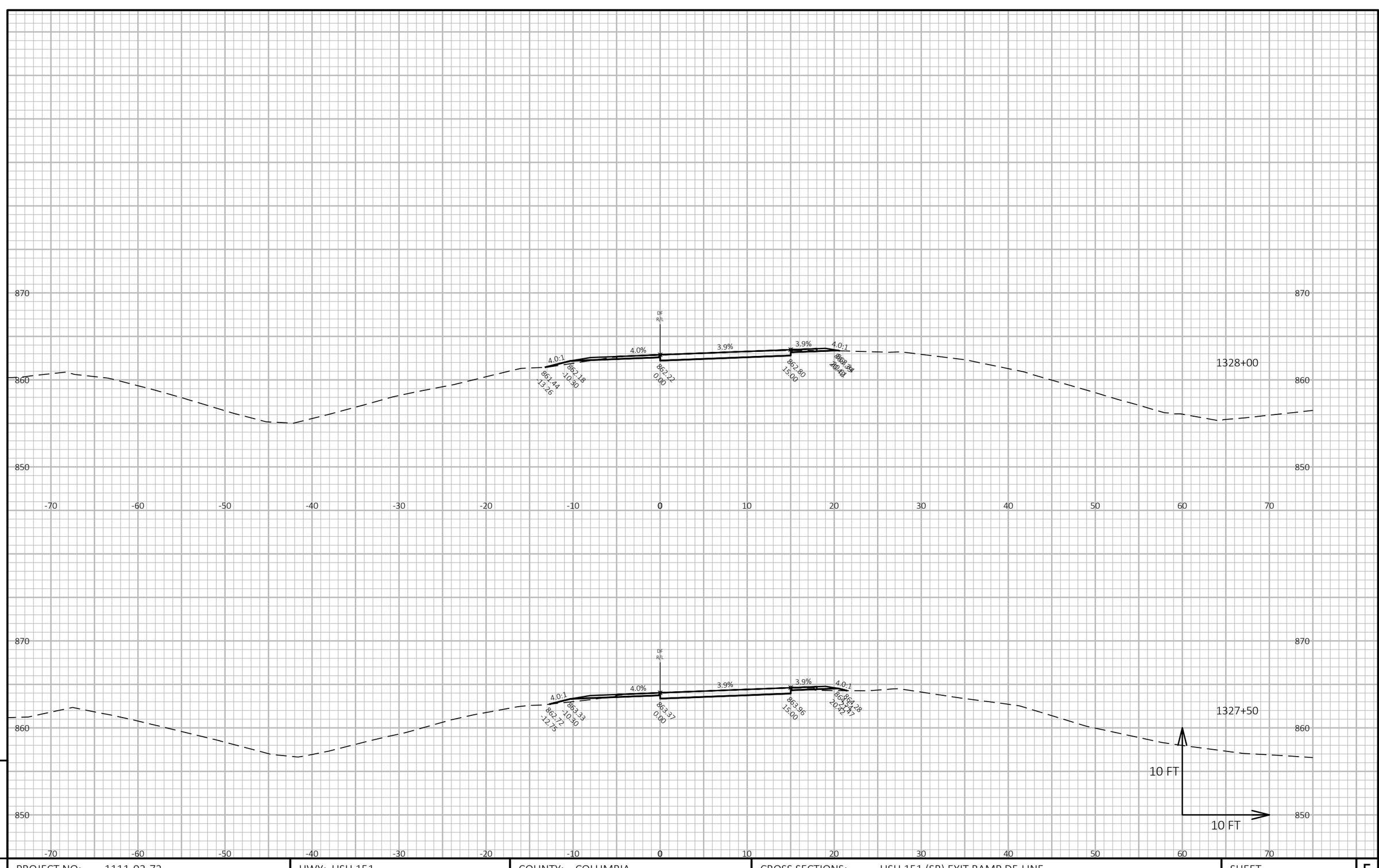
PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (SB) EXIT RAMP DF-LINE	SHEET	E

926

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73S.DWG
LAYOUT NAME - SB Exit Ramp - (8)

PLOT DATE : 4/25/2018 4:16 PM PLOT BY : SHAW, ADAM M PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

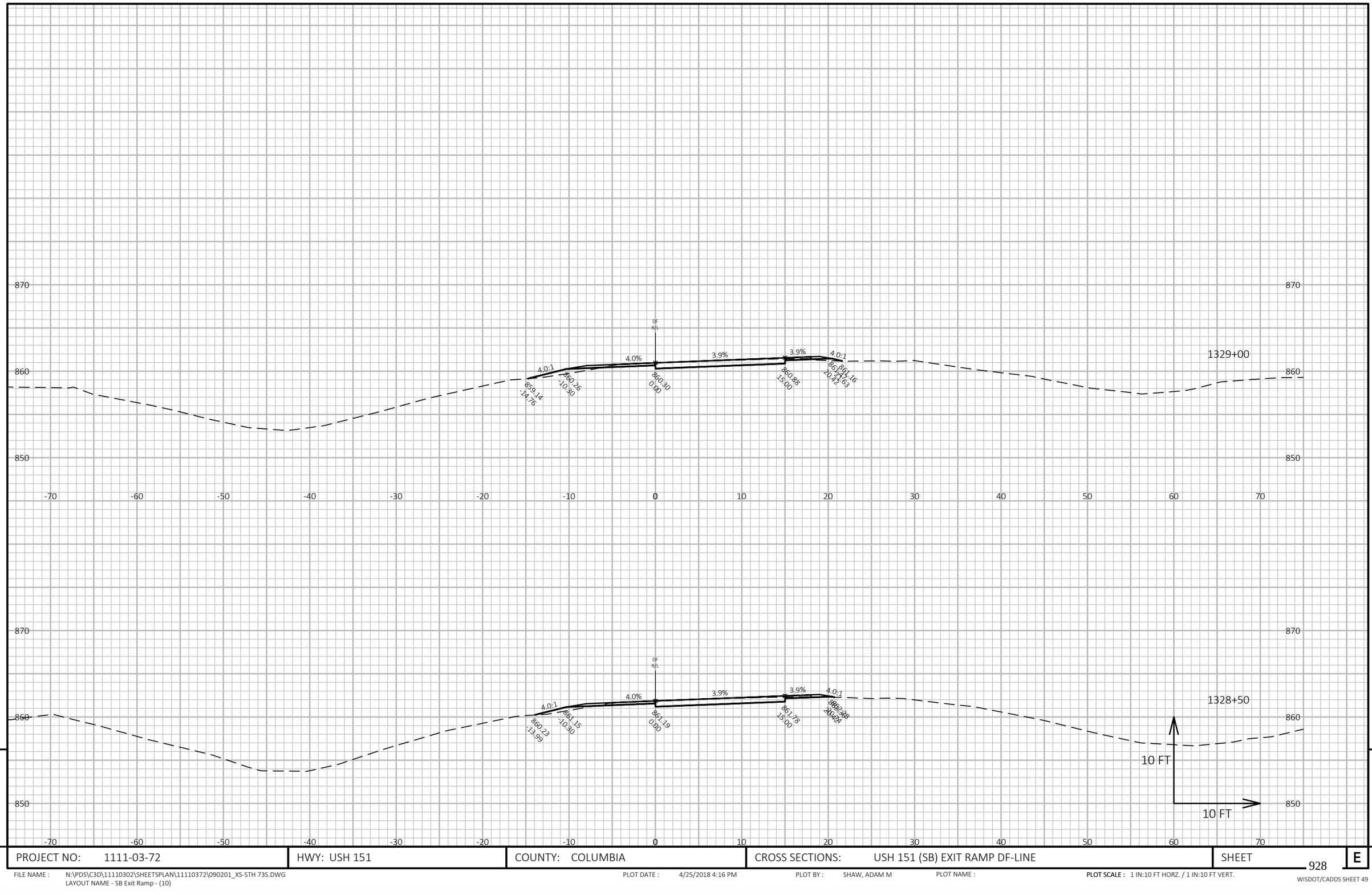


9

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (SB) EXIT RAMP DF-LINE	SHEET 927	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73S.DWG
LAYOUT NAME - SB Exit Ramp - (9)

PLOT DATE : 4/25/2018 4:16 PM PLOT BY : SHAW, ADAM M PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

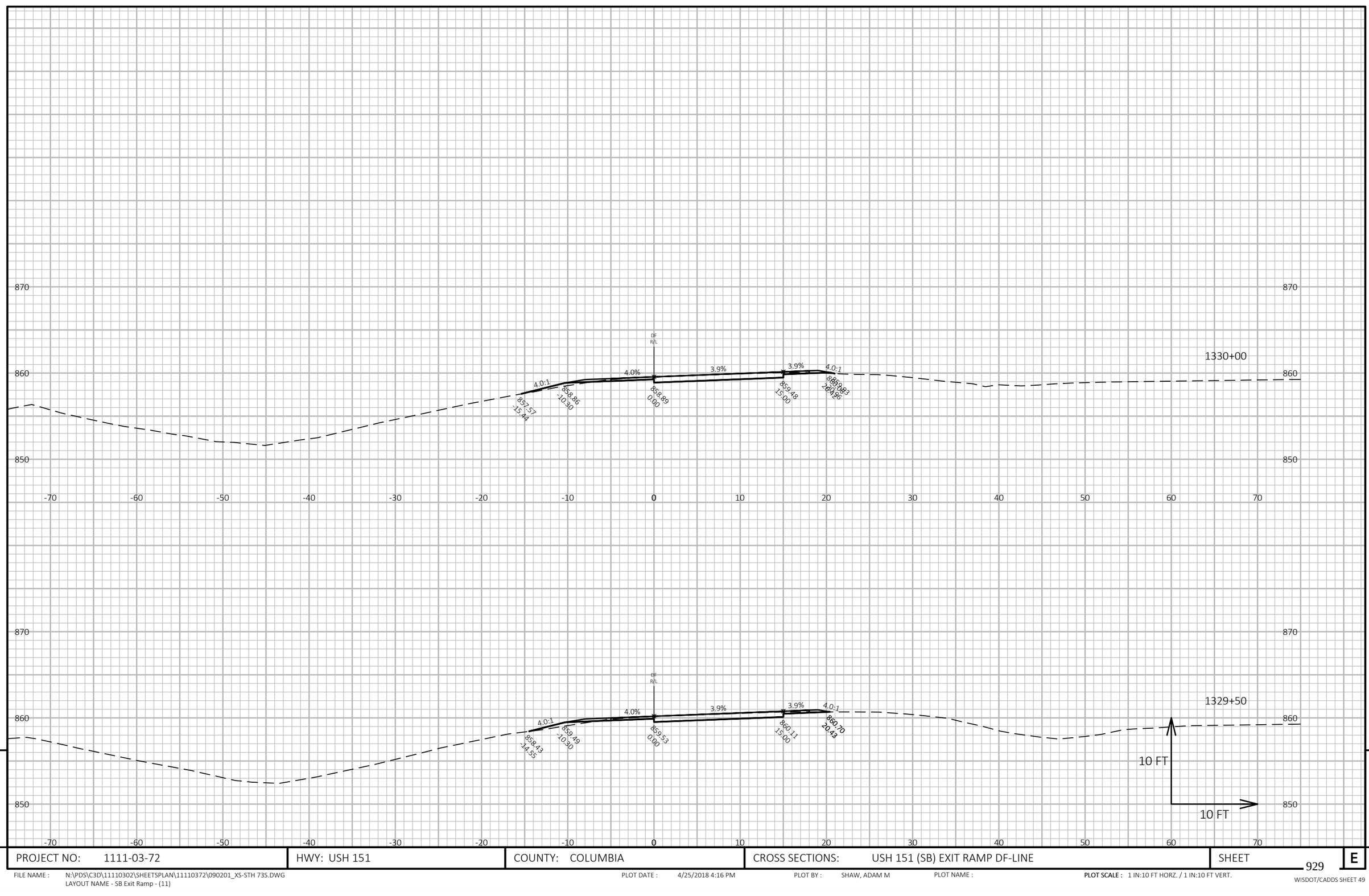


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (SB) EXIT RAMP DF-LINE	SHEET 928 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73S.DWG
LAYOUT NAME - SB Exit Ramp - (10)

PLOT DATE : 4/25/2018 4:16 PM PLOT BY : SHAW, ADAM M PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

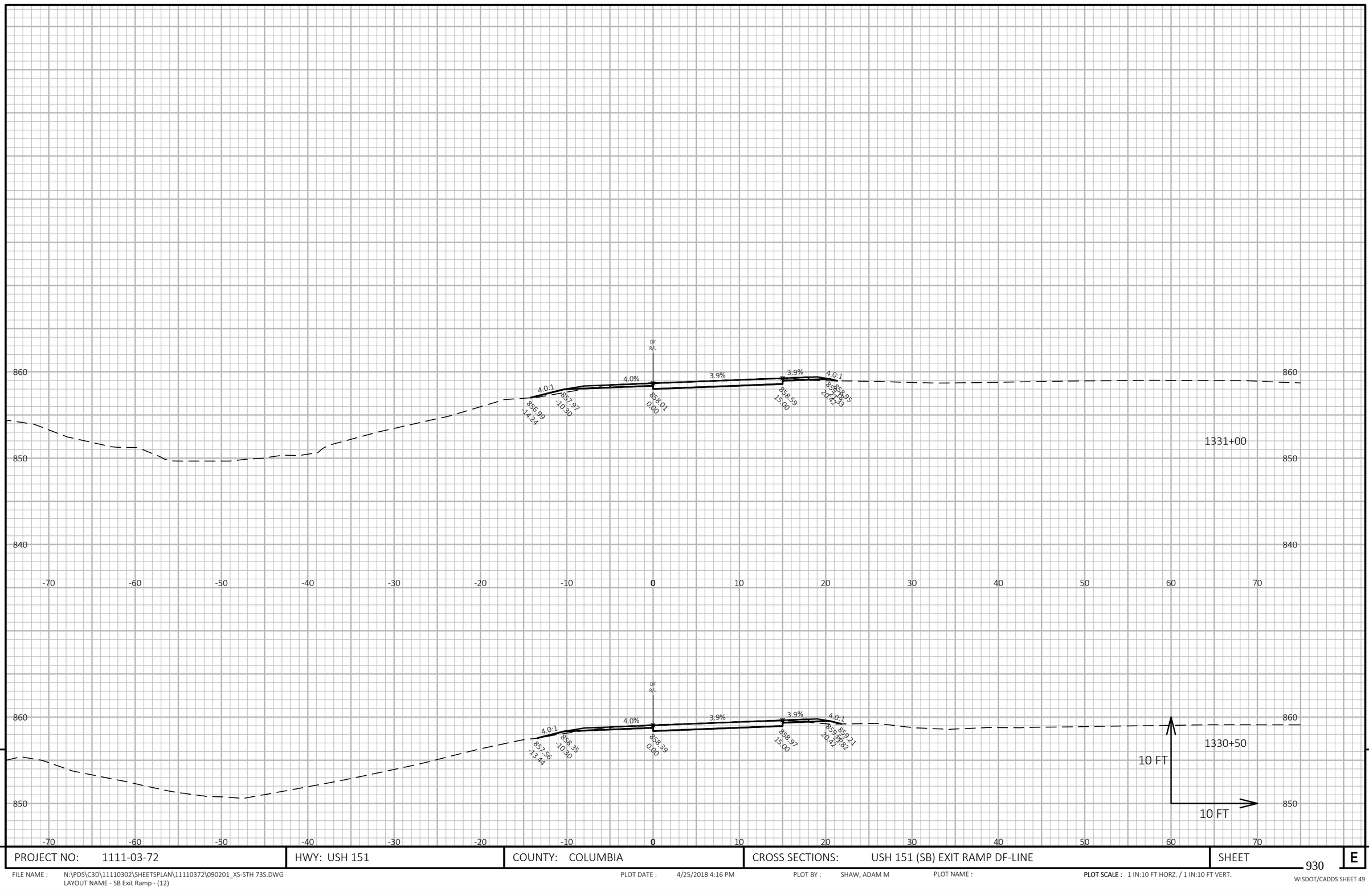
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (SB) EXIT RAMP DF-LINE	SHEET 929	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73S.DWG
LAYOUT NAME - SB Exit Ramp - (11)

PLOT DATE : 4/25/2018 4:16 PM PLOT BY : SHAW, ADAM M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



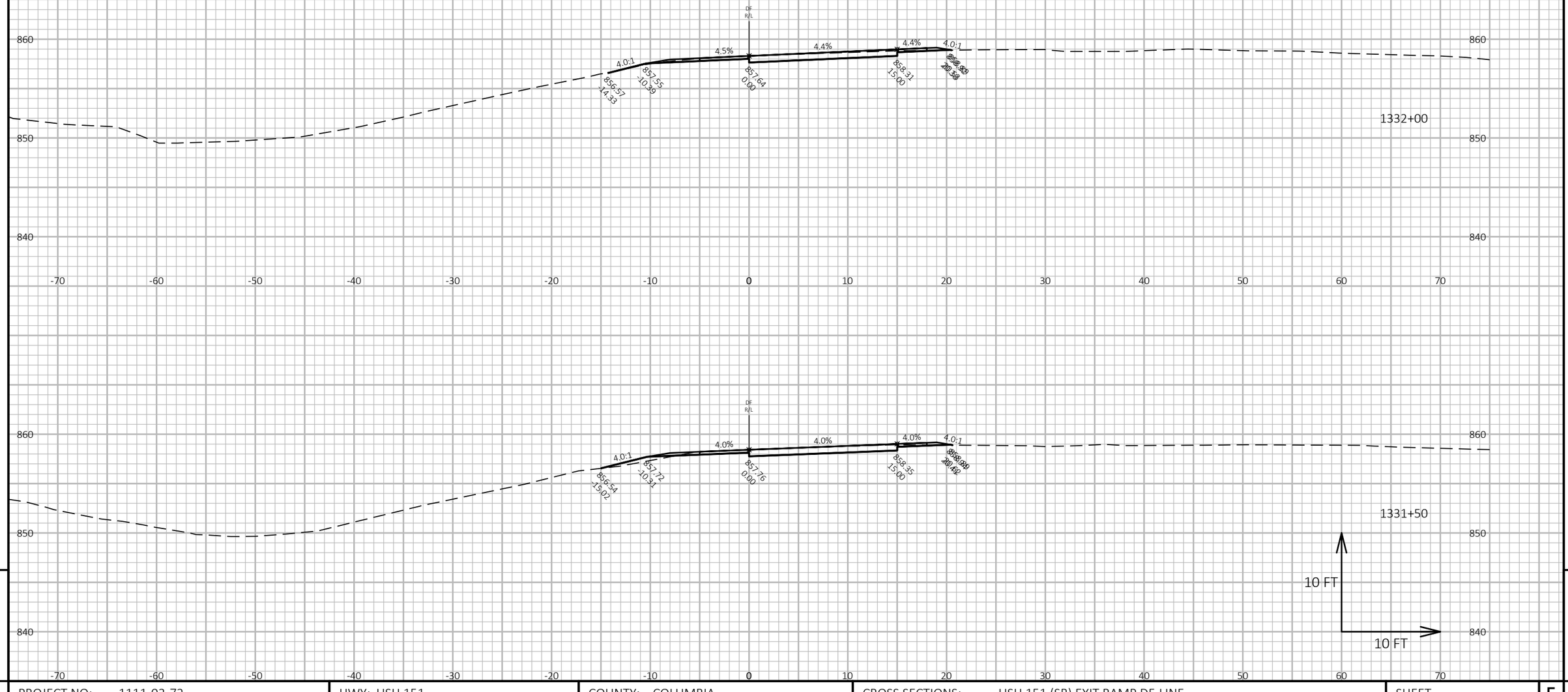
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9

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (SB) EXIT RAMP DF-LINE	SHEET 930	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73S.DWG
LAYOUT NAME - SB Exit Ramp - (12)

PLOT DATE : 4/25/2018 4:16 PM PLOT BY : SHAW, ADAM M PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



9

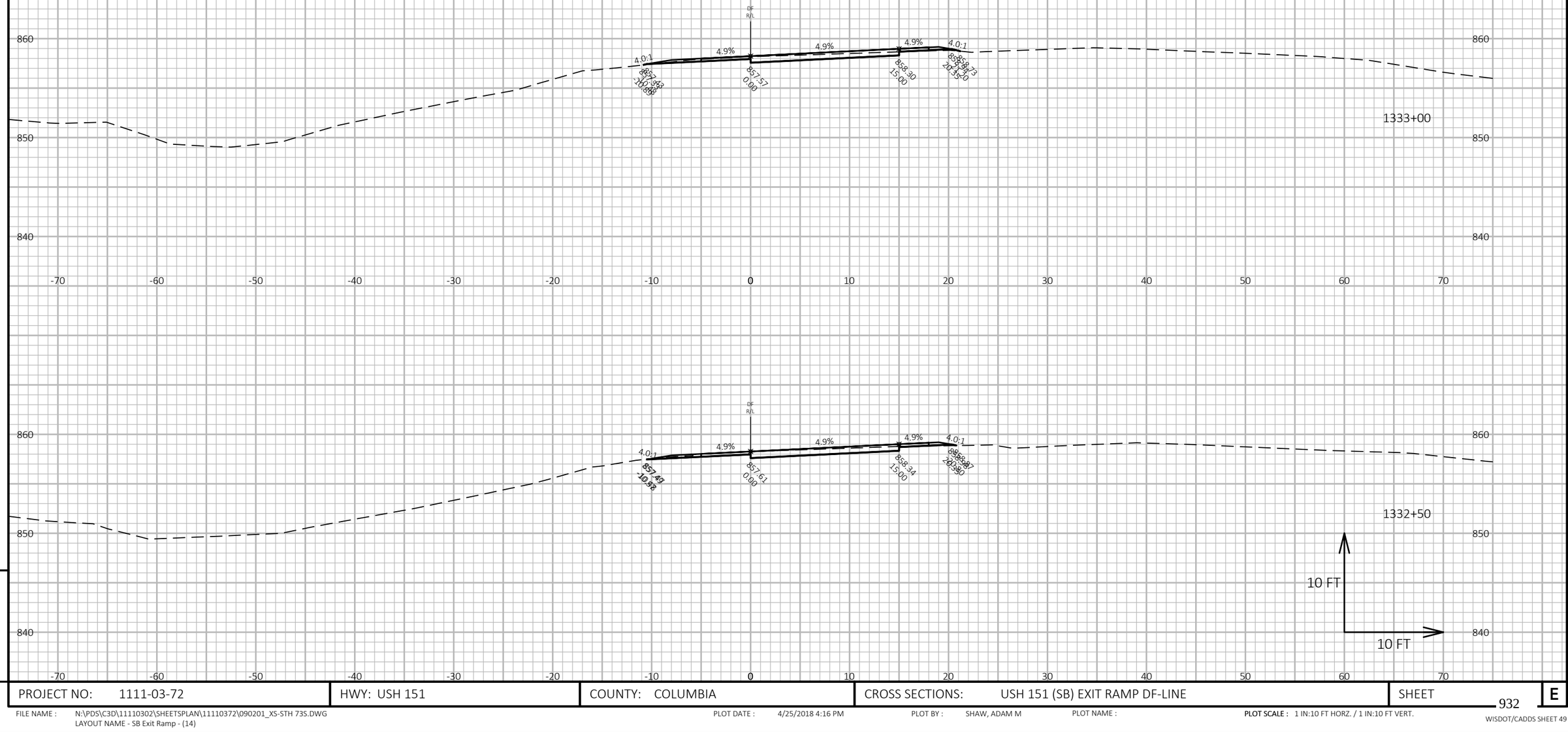
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (SB) EXIT RAMP DF-LINE	SHEET 931	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73S.DWG
LAYOUT NAME - SB Exit Ramp - (13)

PLOT DATE : 4/25/2018 4:16 PM PLOT BY : SHAW, ADAM M PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

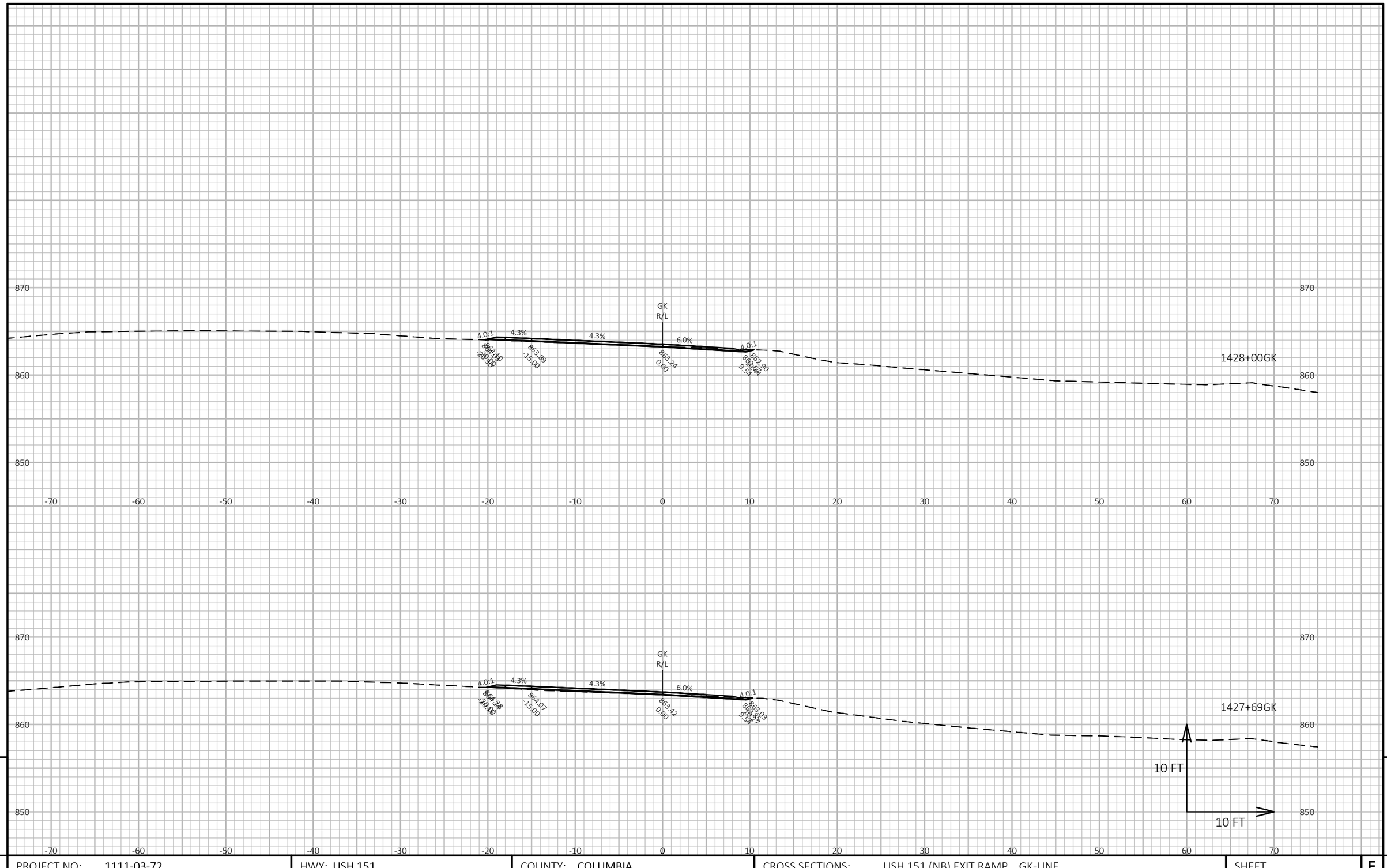
WISDOT/CADDS SHEET 49



PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (SB) EXIT RAMP DF-LINE	SHEET 932 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73S.DWG
LAYOUT NAME - SB Exit Ramp - (14)

PLOT DATE : 4/25/2018 4:16 PM PLOT BY : SHAW, ADAM M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (NB) EXIT RAMP GK-LINE	SHEET 933	E

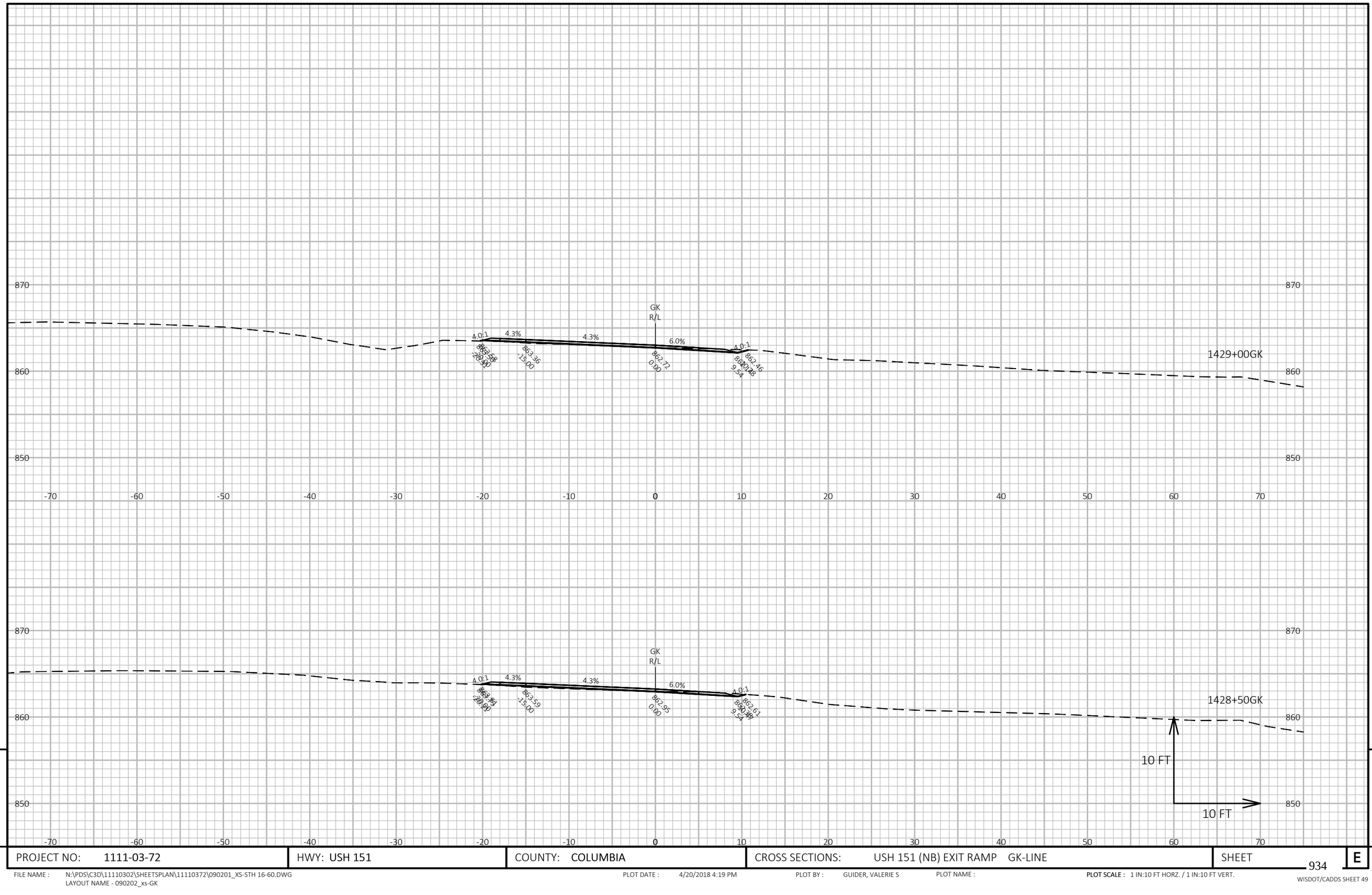
FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 16-60.DWG
LAYOUT NAME - 090201_xs-GK

PLOT DATE : 4/20/2018 4:19 PM

PLOT BY : GUIDER, VALERIE S

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (NB) EXIT RAMP GK-LINE	SHEET 934	E

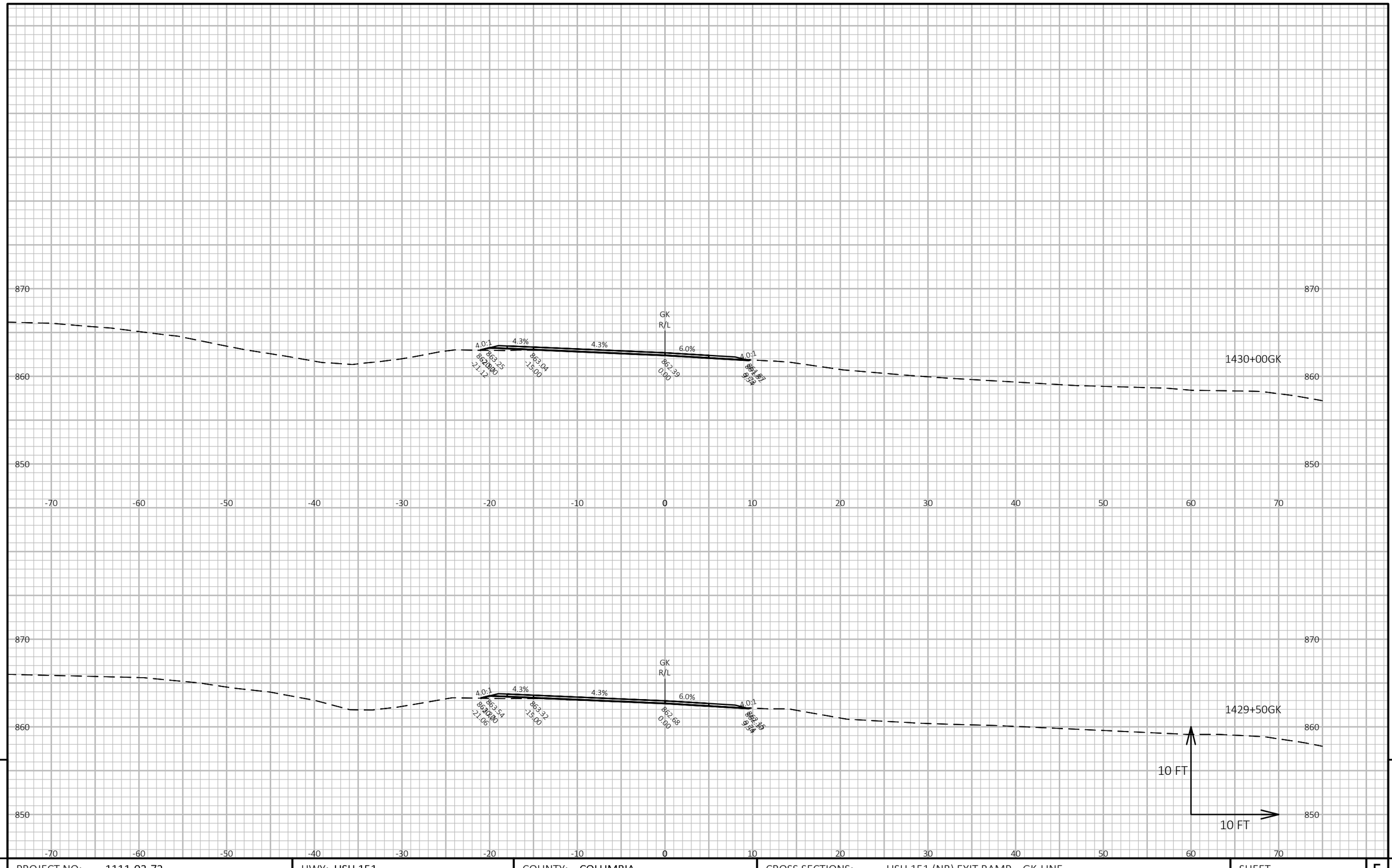
FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 16-60.DWG
LAYOUT NAME - 090202_xs-GK

PLOT DATE : 4/20/2018 4:19 PM

PLOT BY : GUIDER, VALERIE S

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



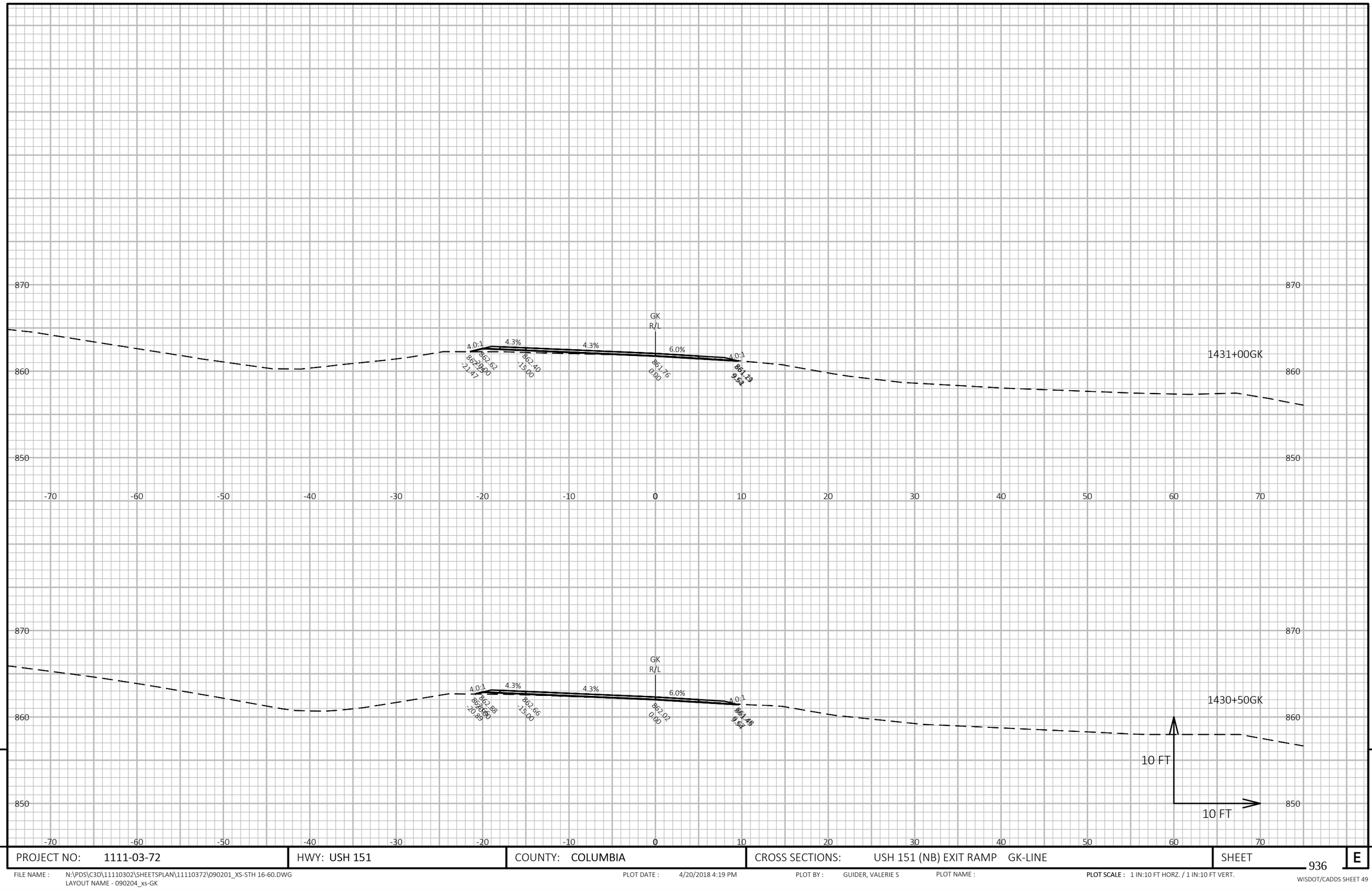
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9

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (NB) EXIT RAMP GK-LINE	SHEET 935	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 16-60.DWG
LAYOUT NAME - 090203_xs-GK

PLOT DATE : 4/20/2018 4:19 PM PLOT BY : GUIDER, VALERIE S PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (NB) EXIT RAMP GK-LINE	SHEET 936	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 16-60.DWG
LAYOUT NAME - 090204_xs-GK

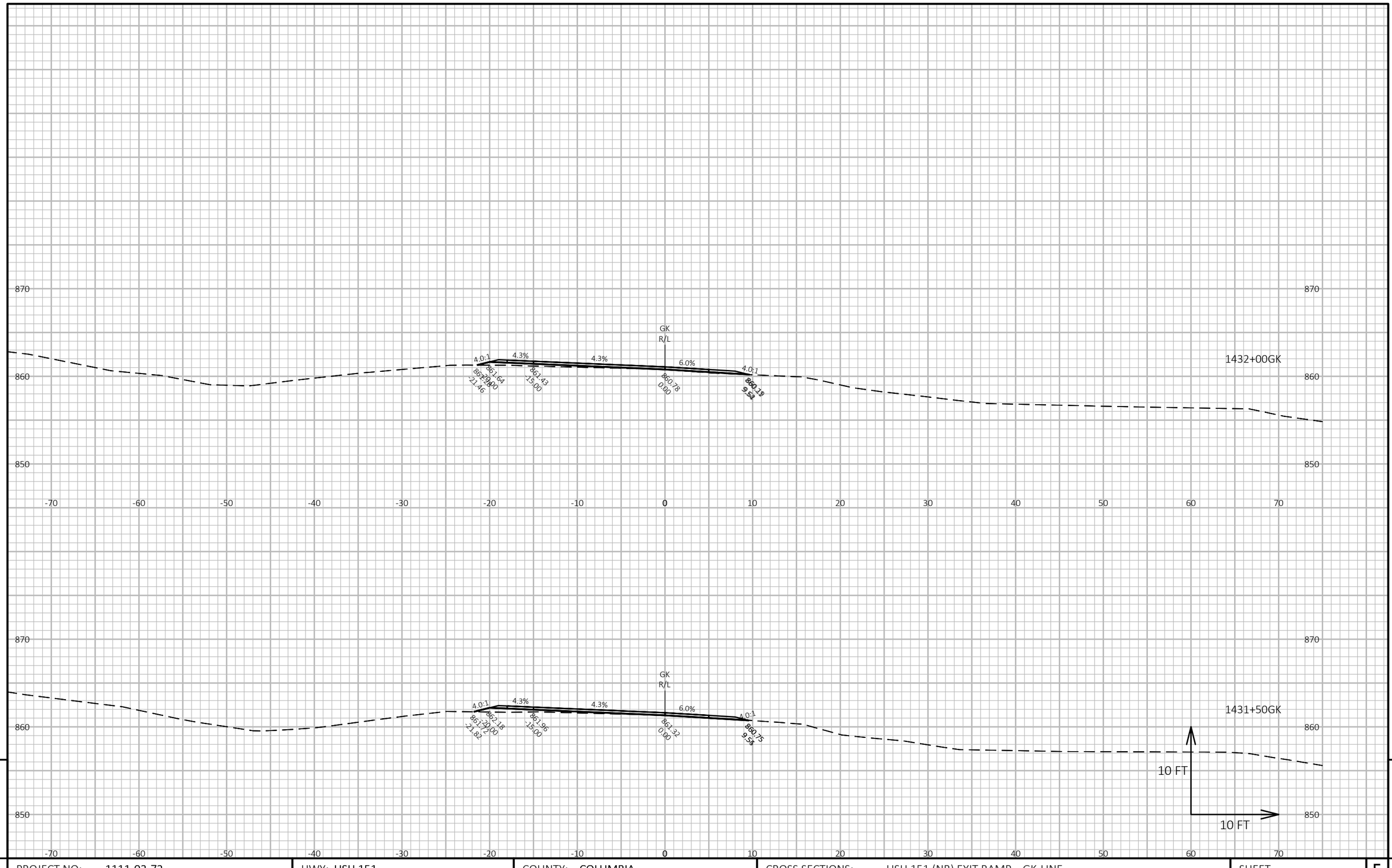
PLOT DATE : 4/20/2018 4:19 PM

PLOT BY : GUIDER, VALERIE S

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (NB) EXIT RAMP GK-LINE	SHEET 937	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 16-60.DWG
LAYOUT NAME - 090205_xs-GK

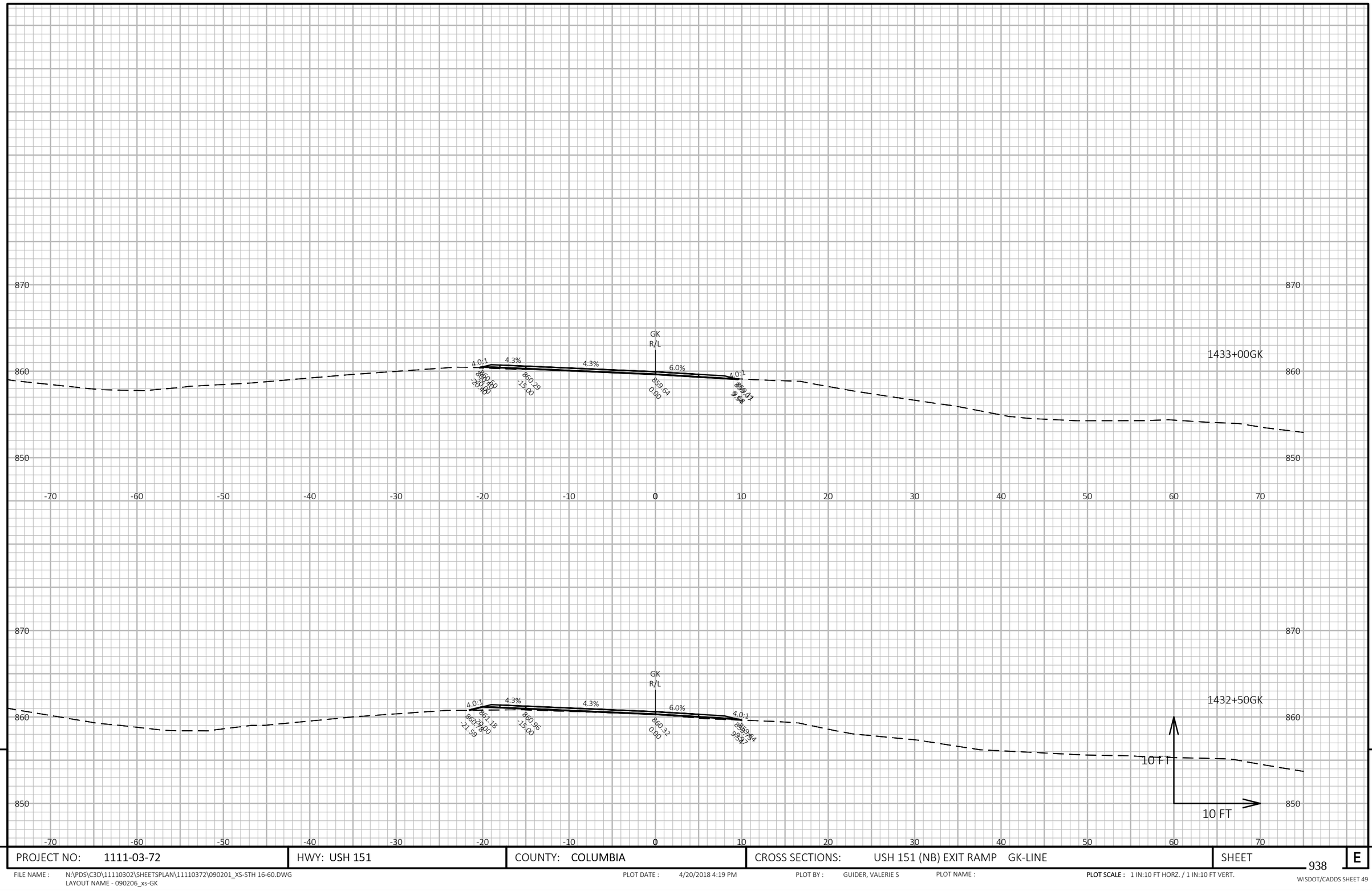
PLOT DATE : 4/20/2018 4:19 PM

PLOT BY : GUIDER, VALERIE S

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (NB) EXIT RAMP GK-LINE	SHEET 938	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 16-60.DWG
LAYOUT NAME - 090206_xs-GK

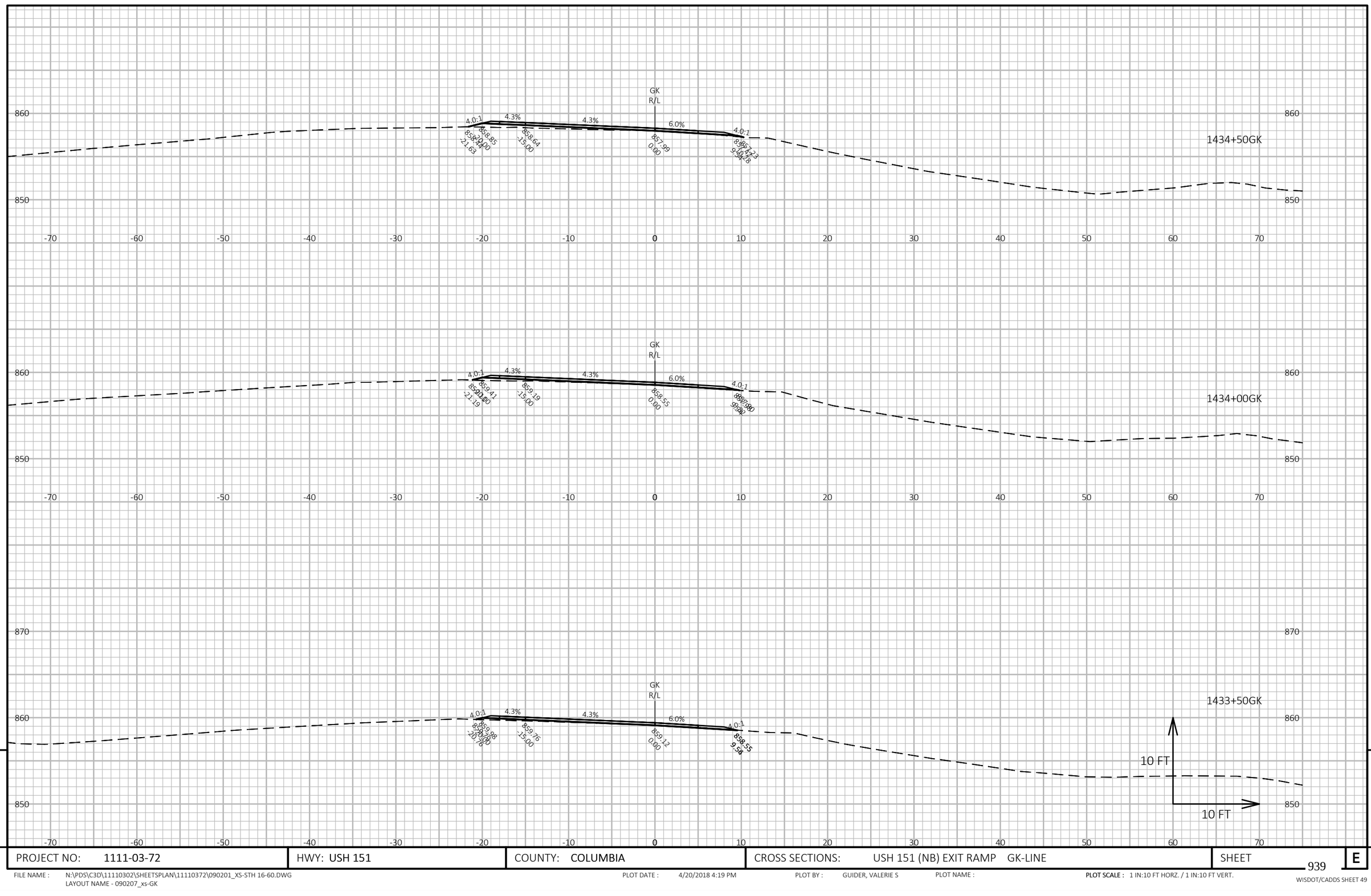
PLOT DATE : 4/20/2018 4:19 PM

PLOT BY : GUIDER, VALERIE S

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (NB) EXIT RAMP GK-LINE	SHEET 939	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 16-60.DWG
LAYOUT NAME - 090207_xs-GK

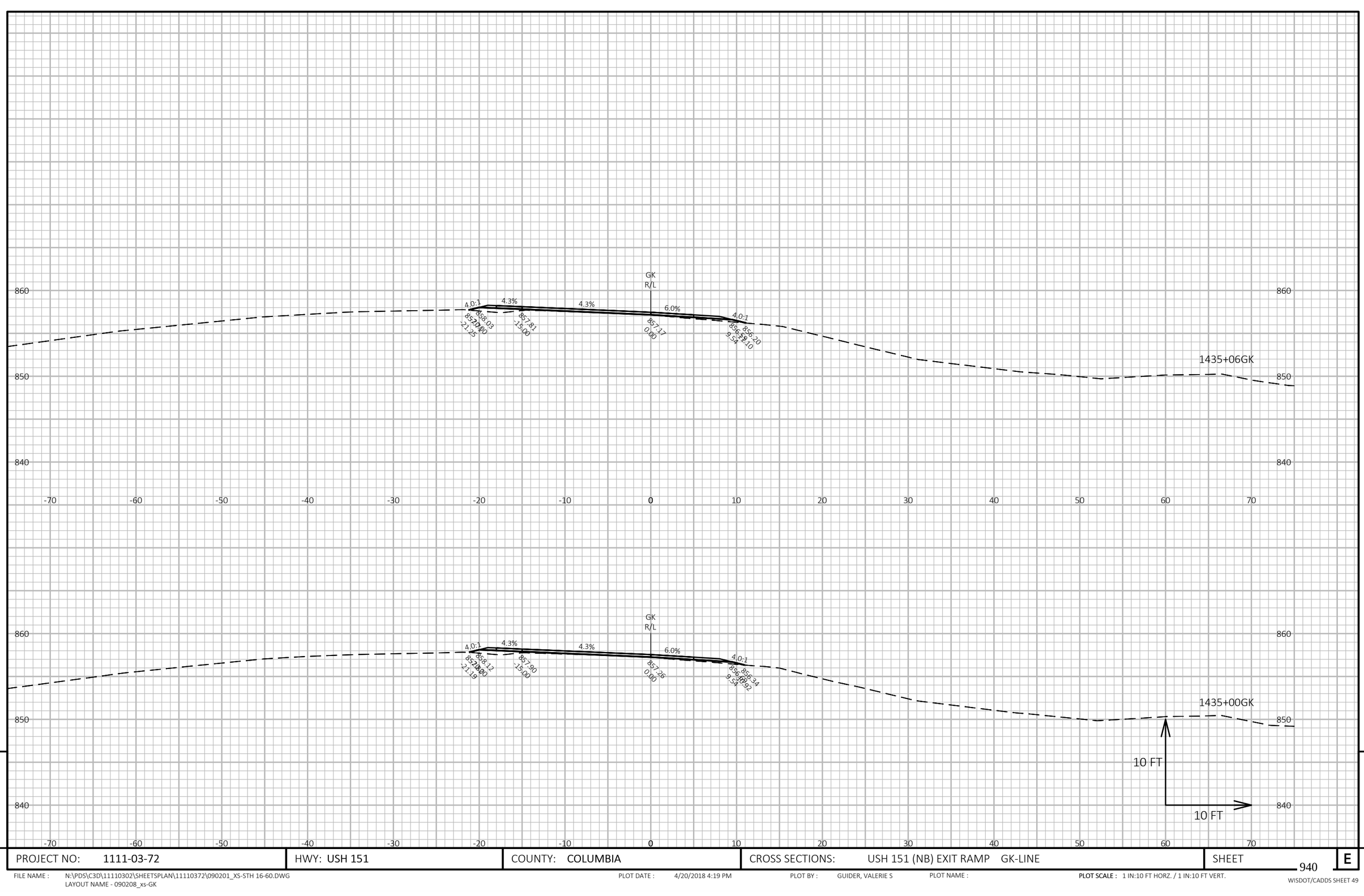
PLOT DATE : 4/20/2018 4:19 PM

PLOT BY : GUIDER, VALERIE S

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

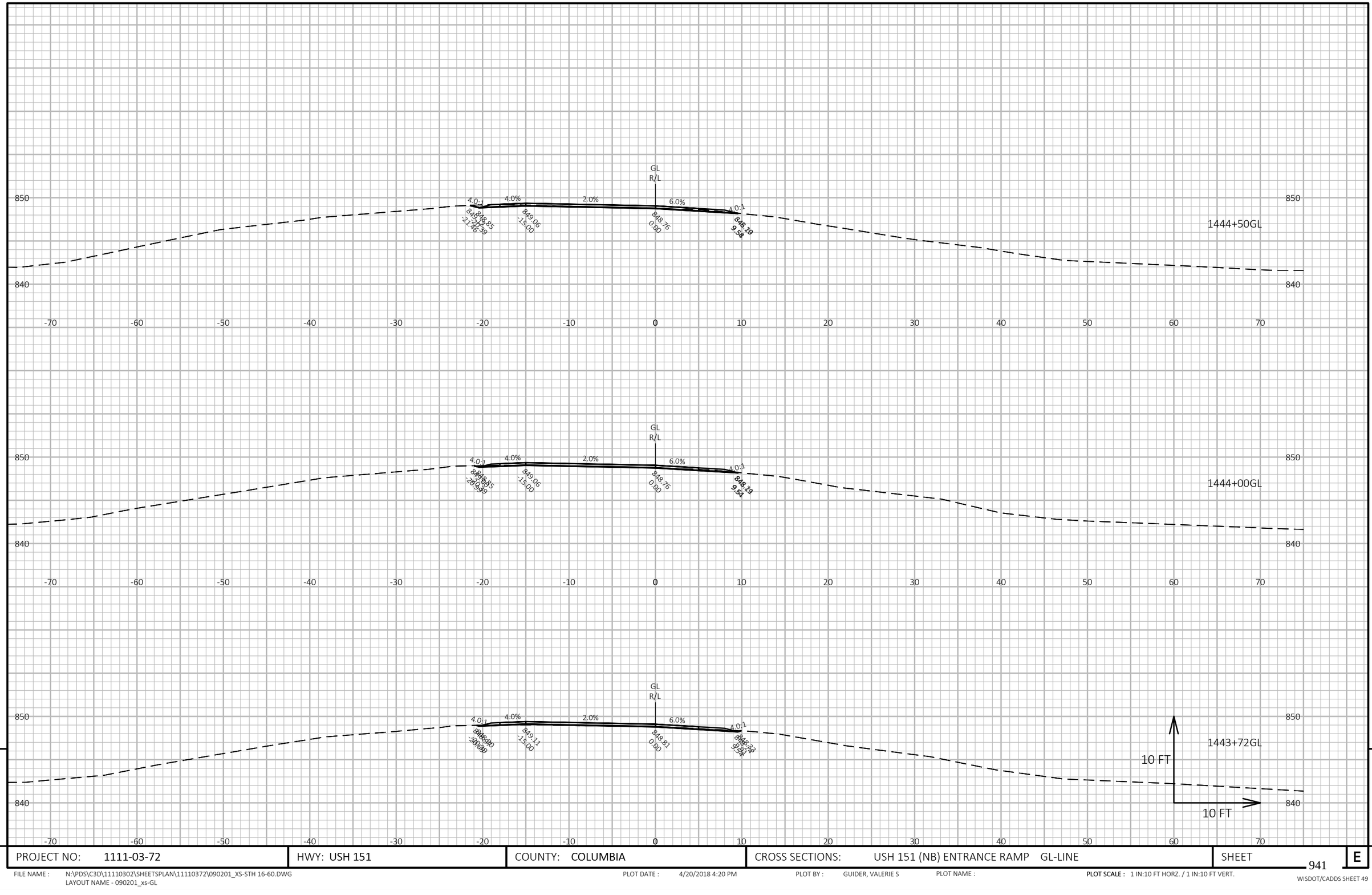


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (NB) EXIT RAMP GK-LINE	SHEET 940

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 16-60.DWG
LAYOUT NAME - 090208_xs-GK

PLOT DATE : 4/20/2018 4:19 PM PLOT BY : GUIDER, VALERIE S PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

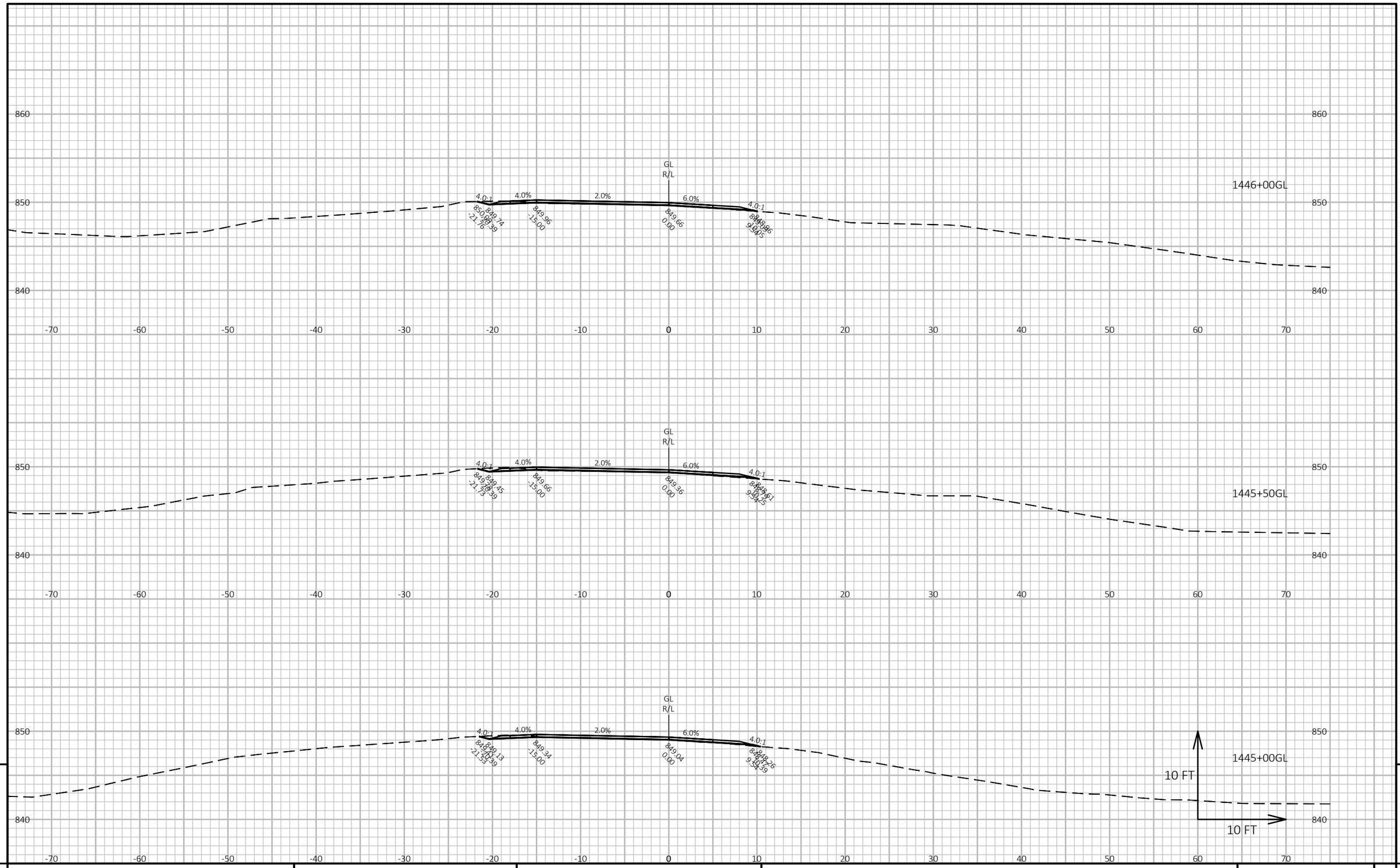


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (NB) ENTRANCE RAMP GL-LINE	SHEET 941 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 16-60.DWG
LAYOUT NAME - 090201_xs-GL

PLOT DATE : 4/20/2018 4:20 PM PLOT BY : GUIDER, VALERIE S PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

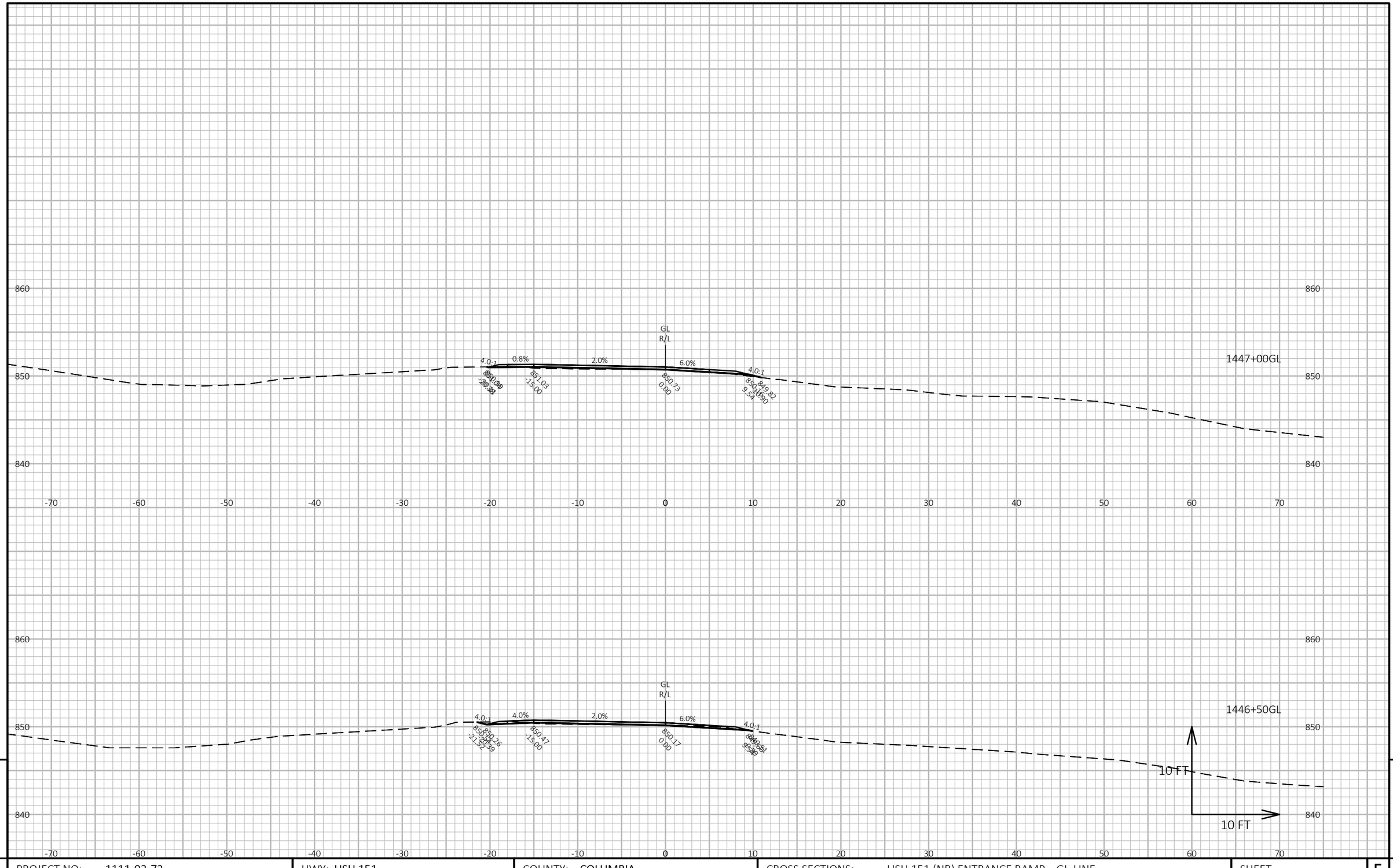
PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (NB) ENTRANCE RAMP GL-LINE	SHEET 942 E

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FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 16-60.DWG
LAYOUT NAME - 090202_xs-GL

PLOT DATE : 4/20/2018 4:20 PM PLOT BY : GUIDER, VALERIE S PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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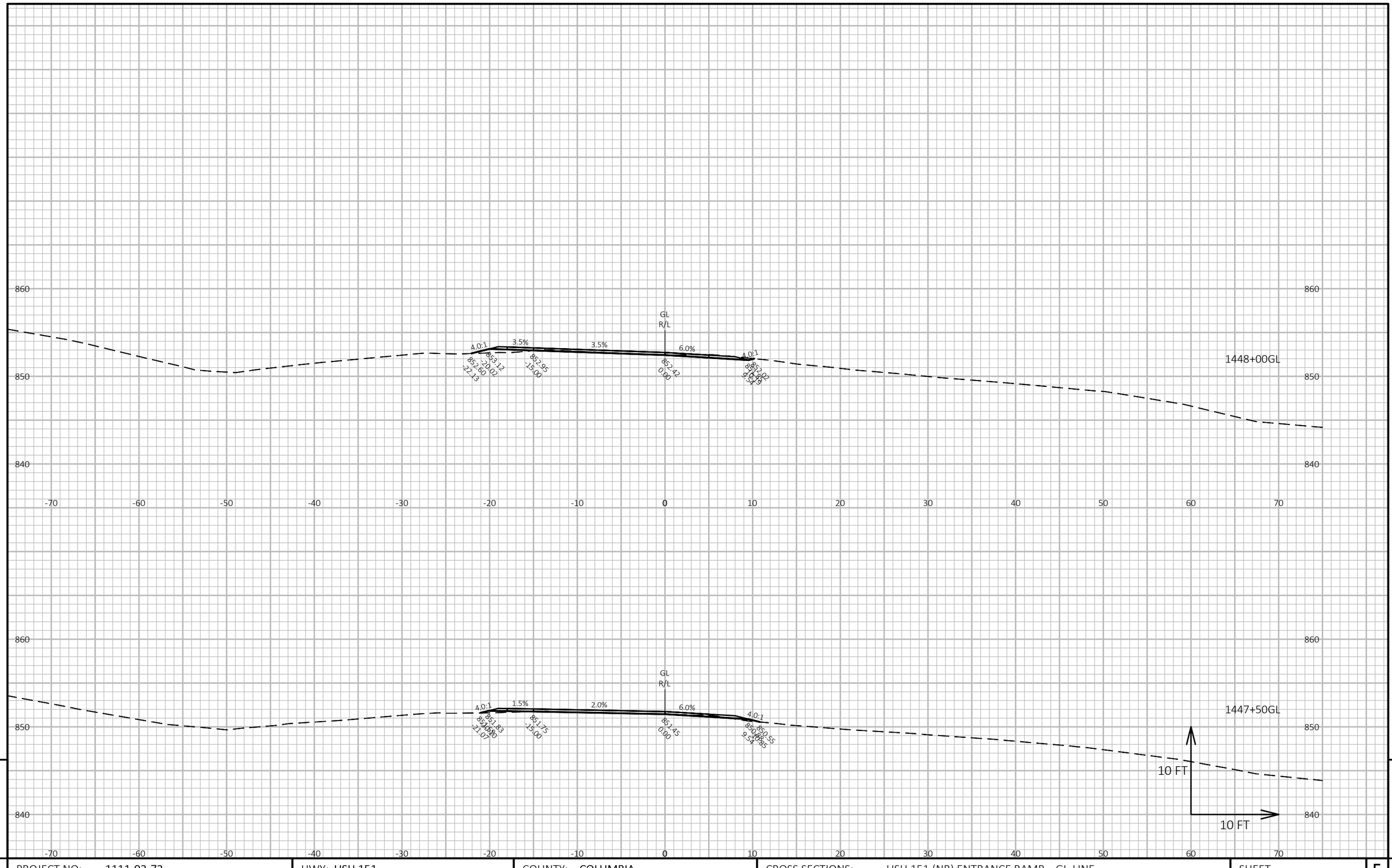
PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (NB) ENTRANCE RAMP GL-LINE	SHEET 943	E

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FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 16-60.DWG
LAYOUT NAME - 090203_xs-GL

PLOT DATE : 4/20/2018 4:20 PM PLOT BY : GUIDER, VALERIE S PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (NB) ENTRANCE RAMP GL-LINE	SHEET 944	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 16-60.DWG
LAYOUT NAME - 090204_xs-GL

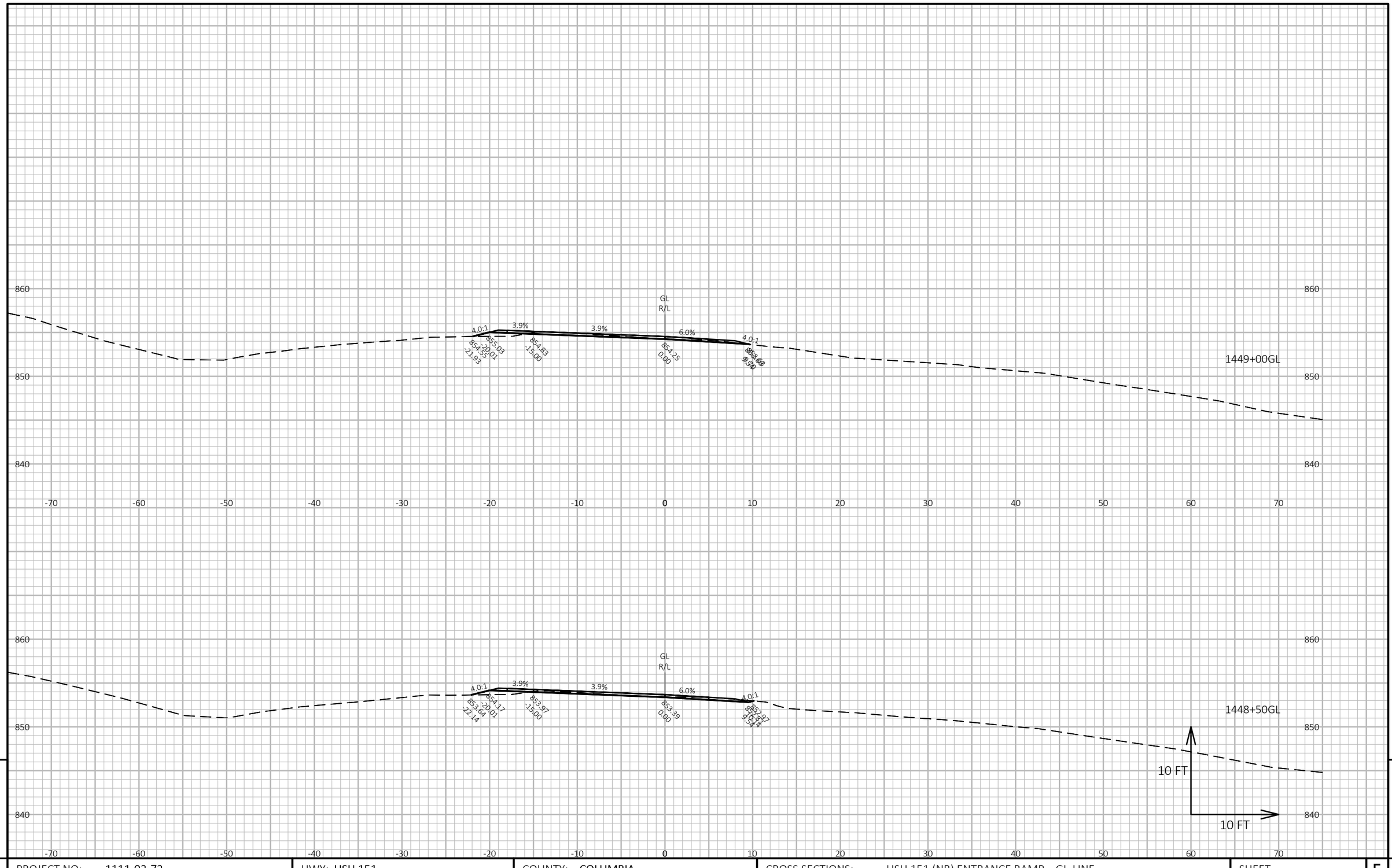
PLOT DATE : 4/20/2018 4:20 PM

PLOT BY : GUIDER, VALERIE S

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



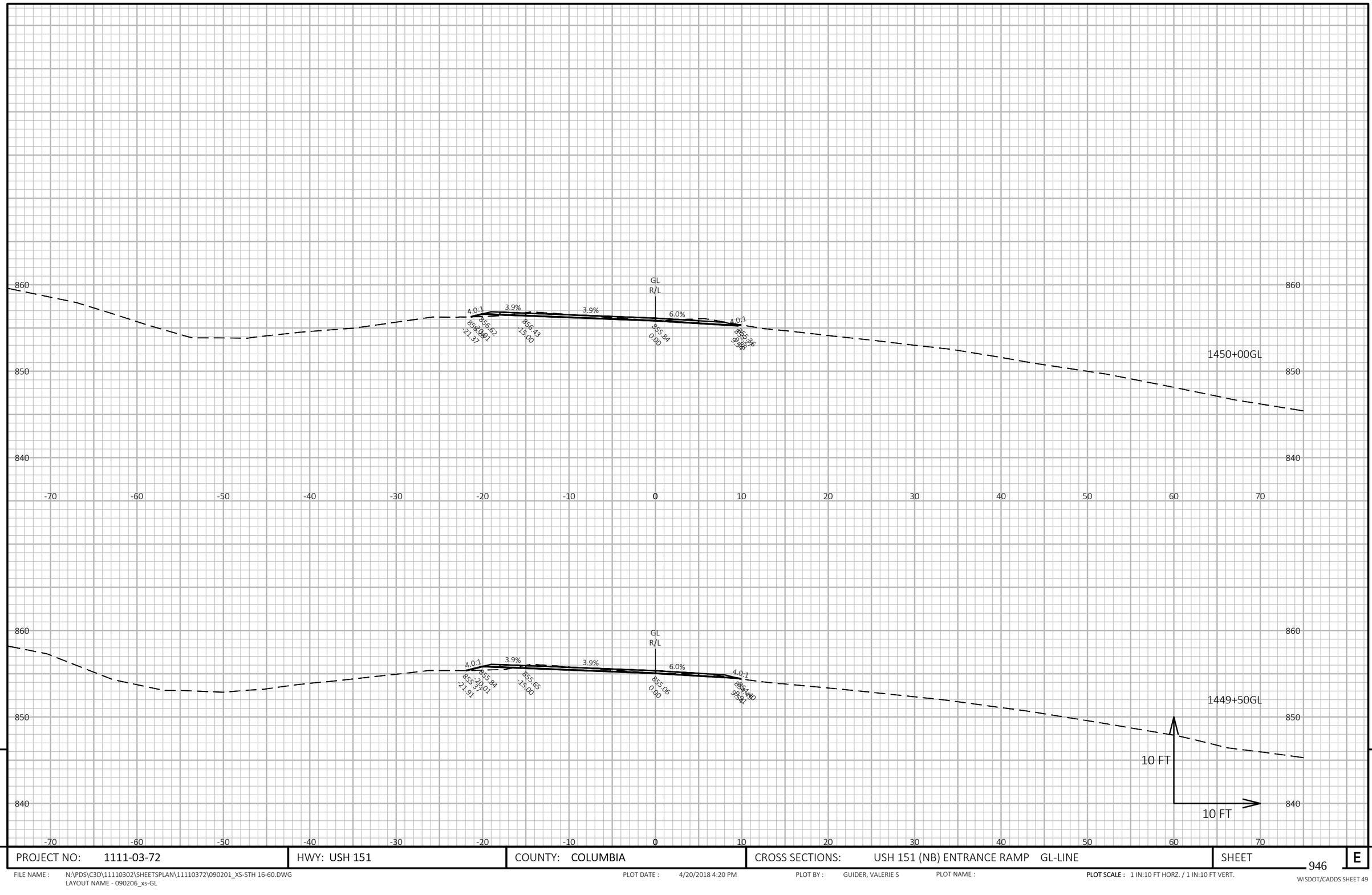
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9

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (NB) ENTRANCE RAMP GL-LINE	SHEET 945	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 16-60.DWG
LAYOUT NAME - 090205_xs-GL

PLOT DATE : 4/20/2018 4:20 PM PLOT BY : GUIDER, VALERIE S PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (NB) ENTRANCE RAMP GL-LINE	SHEET 946	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 16-60.DWG
LAYOUT NAME - 090206_xs-GL

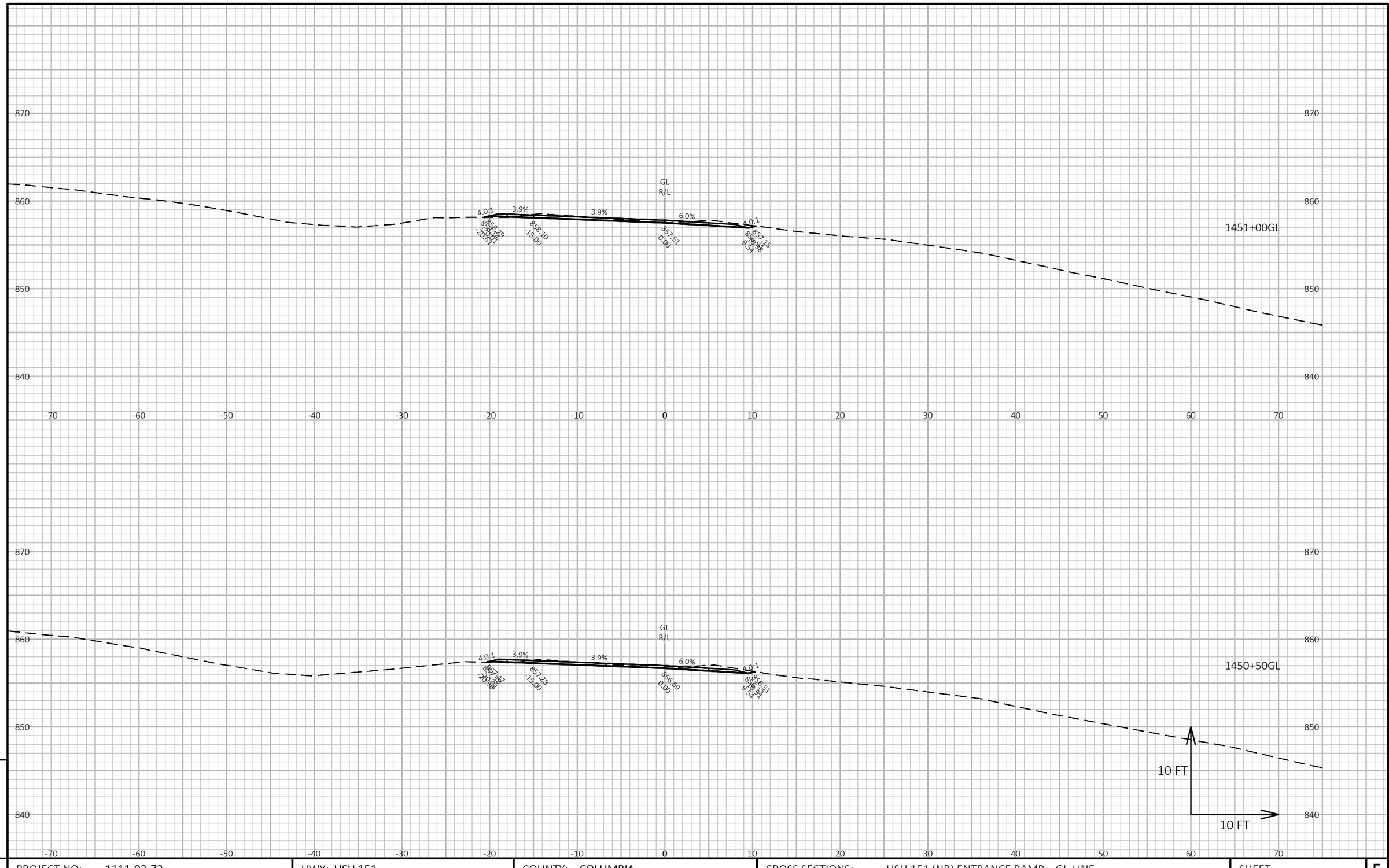
PLOT DATE : 4/20/2018 4:20 PM

PLOT BY : GUIDER, VALERIE S

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



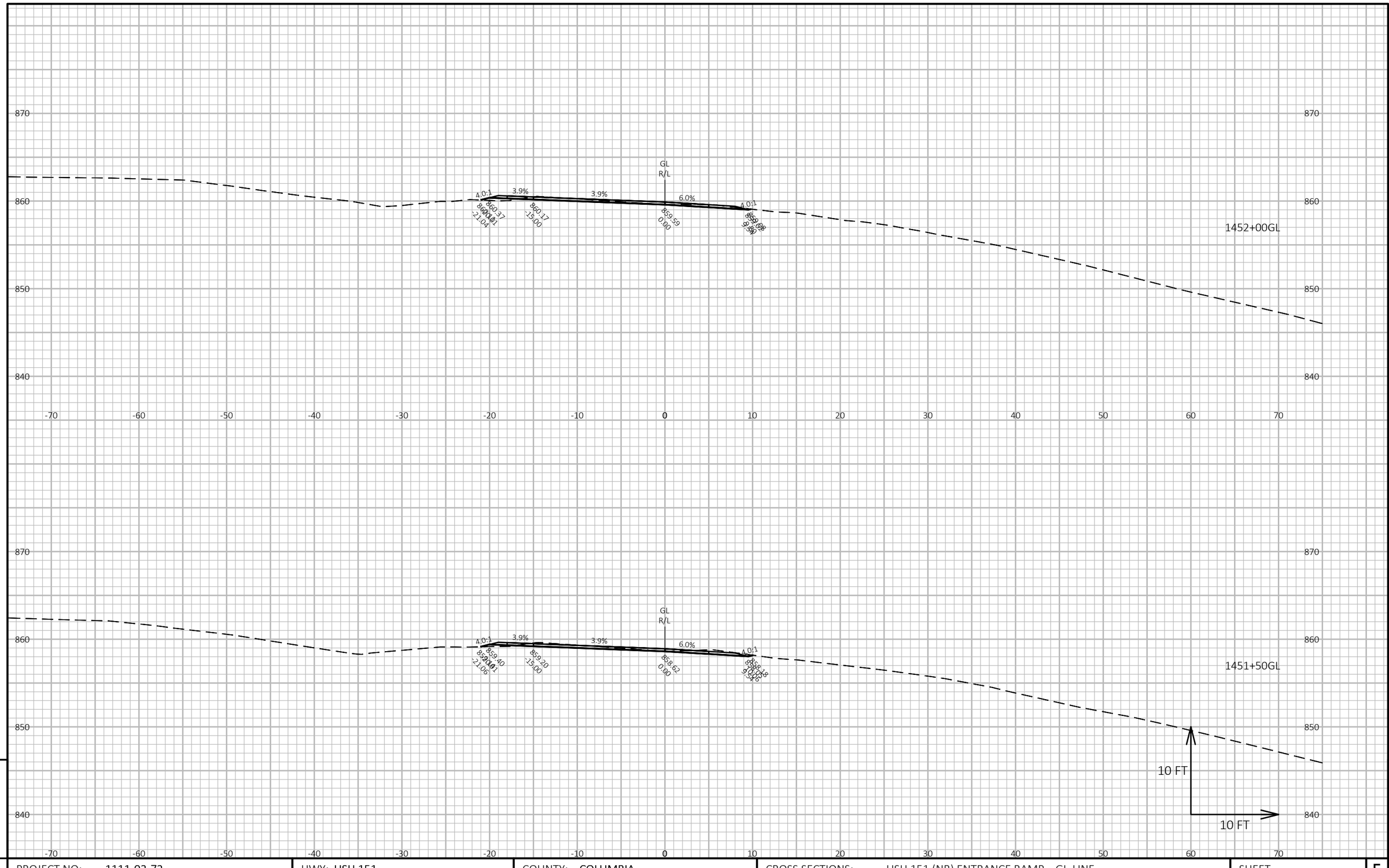
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9

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (NB) ENTRANCE RAMP GL-LINE	SHEET 947	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 16-60.DWG
LAYOUT NAME - 090207_xs-GL

PLOT DATE : 4/20/2018 4:20 PM PLOT BY : GUIDER, VALERIE S PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



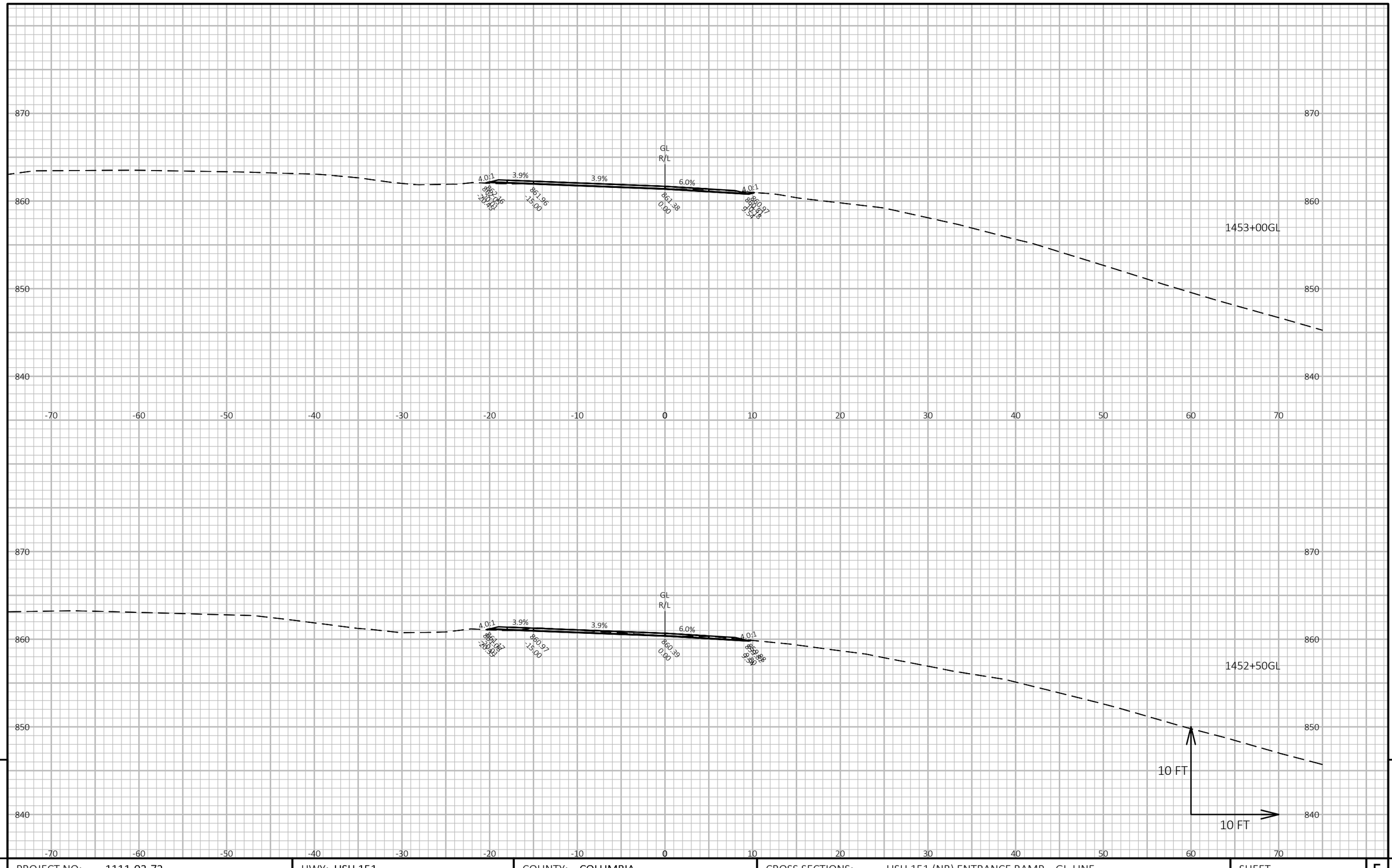
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (NB) ENTRANCE RAMP GL-LINE	SHEET 948	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 16-60.DWG
LAYOUT NAME - 090208_xs-GL

PLOT DATE : 4/20/2018 4:20 PM PLOT BY : GUIDER, VALERIE S PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



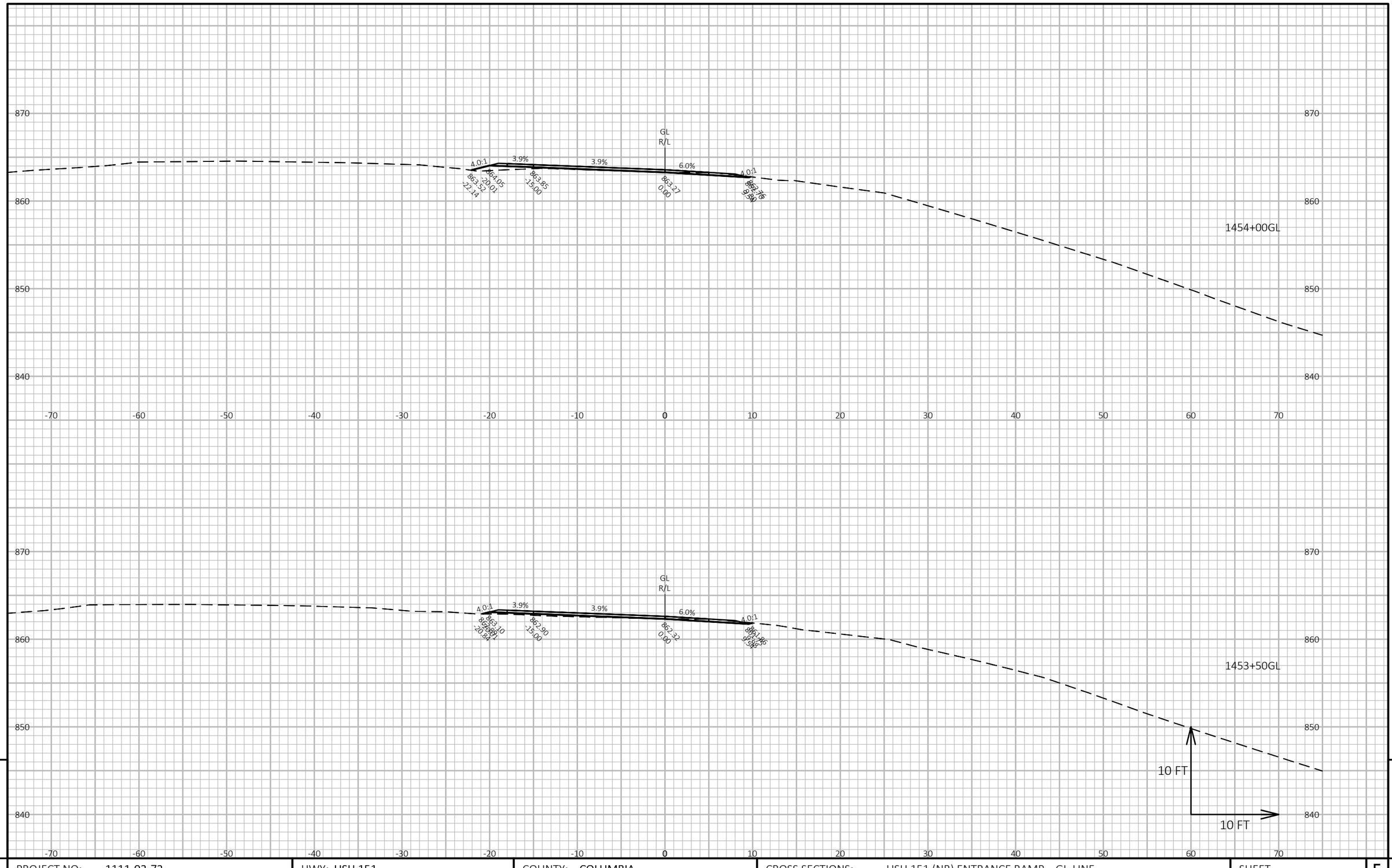
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (NB) ENTRANCE RAMP GL-LINE	SHEET 949	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 16-60.DWG
LAYOUT NAME - 090209_xs-GL

PLOT DATE : 4/20/2018 4:20 PM PLOT BY : GUIDER, VALERIE S PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (NB) ENTRANCE RAMP GL-LINE	SHEET 950	E

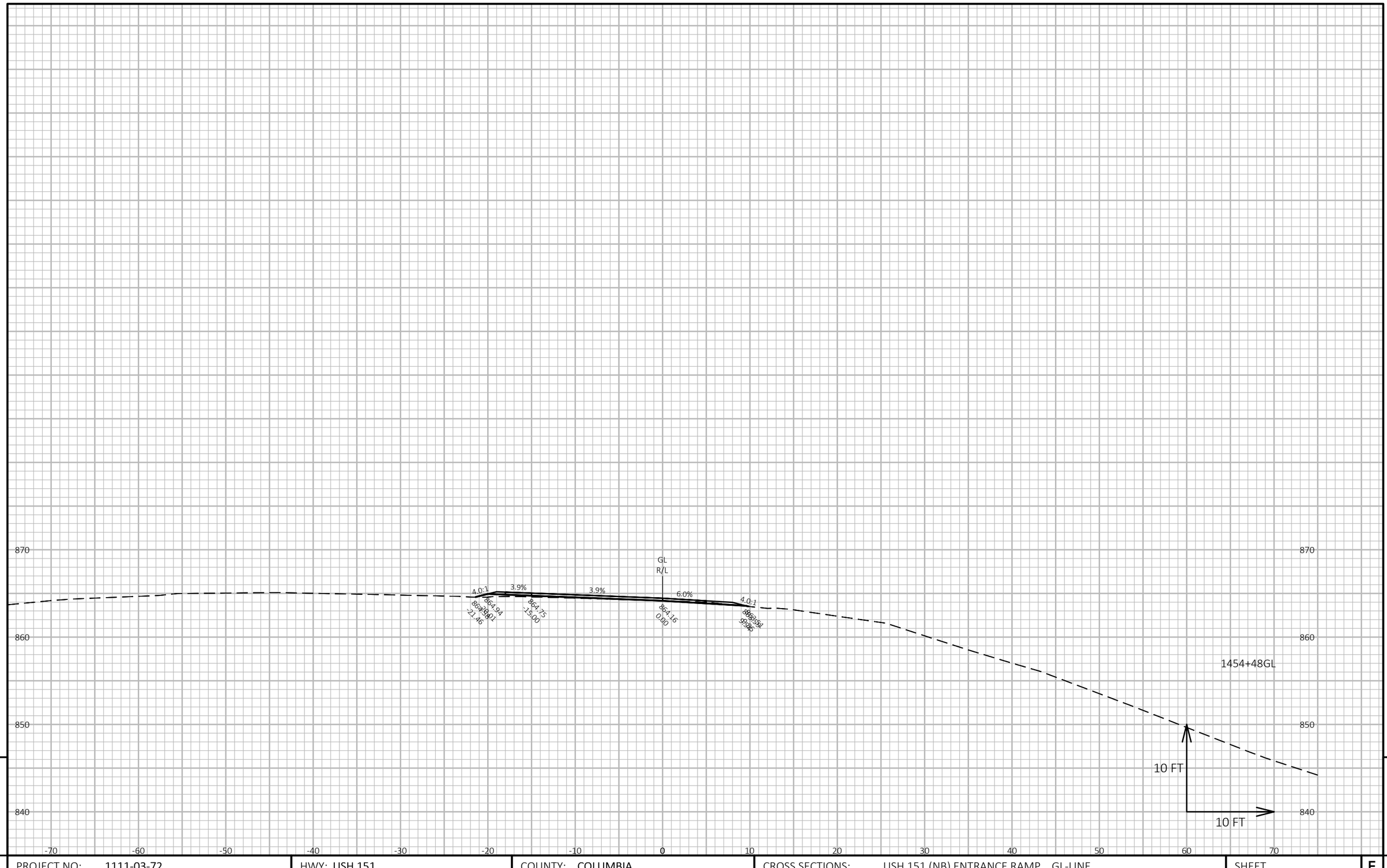
FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 16-60.DWG
LAYOUT NAME - 090210_xs-GL

PLOT DATE : 4/20/2018 4:20 PM

PLOT BY : GUIDER, VALERIE S

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



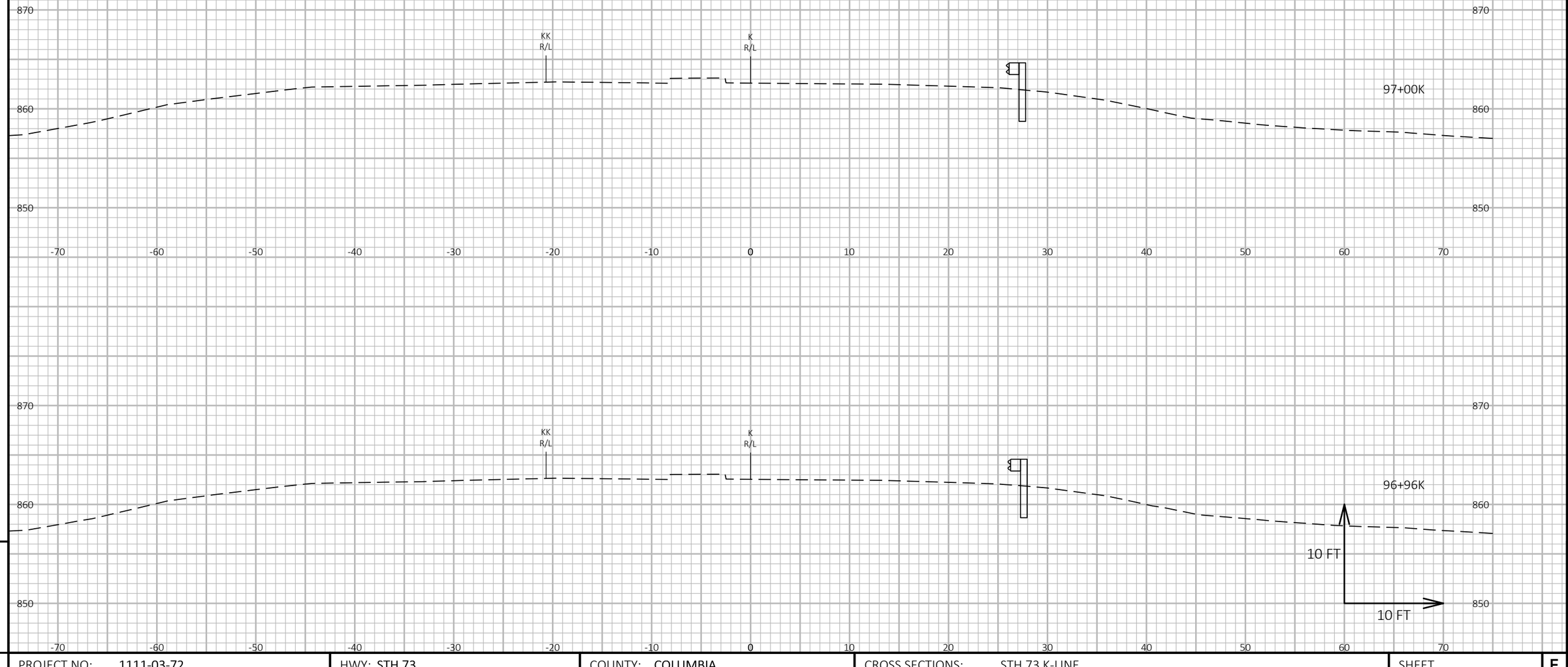
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (NB) ENTRANCE RAMP GL-LINE	SHEET 951	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 16-60.DWG
LAYOUT NAME - 090211_xs-GL

PLOT DATE : 4/20/2018 4:20 PM PLOT BY : GUIDER, VALERIE S PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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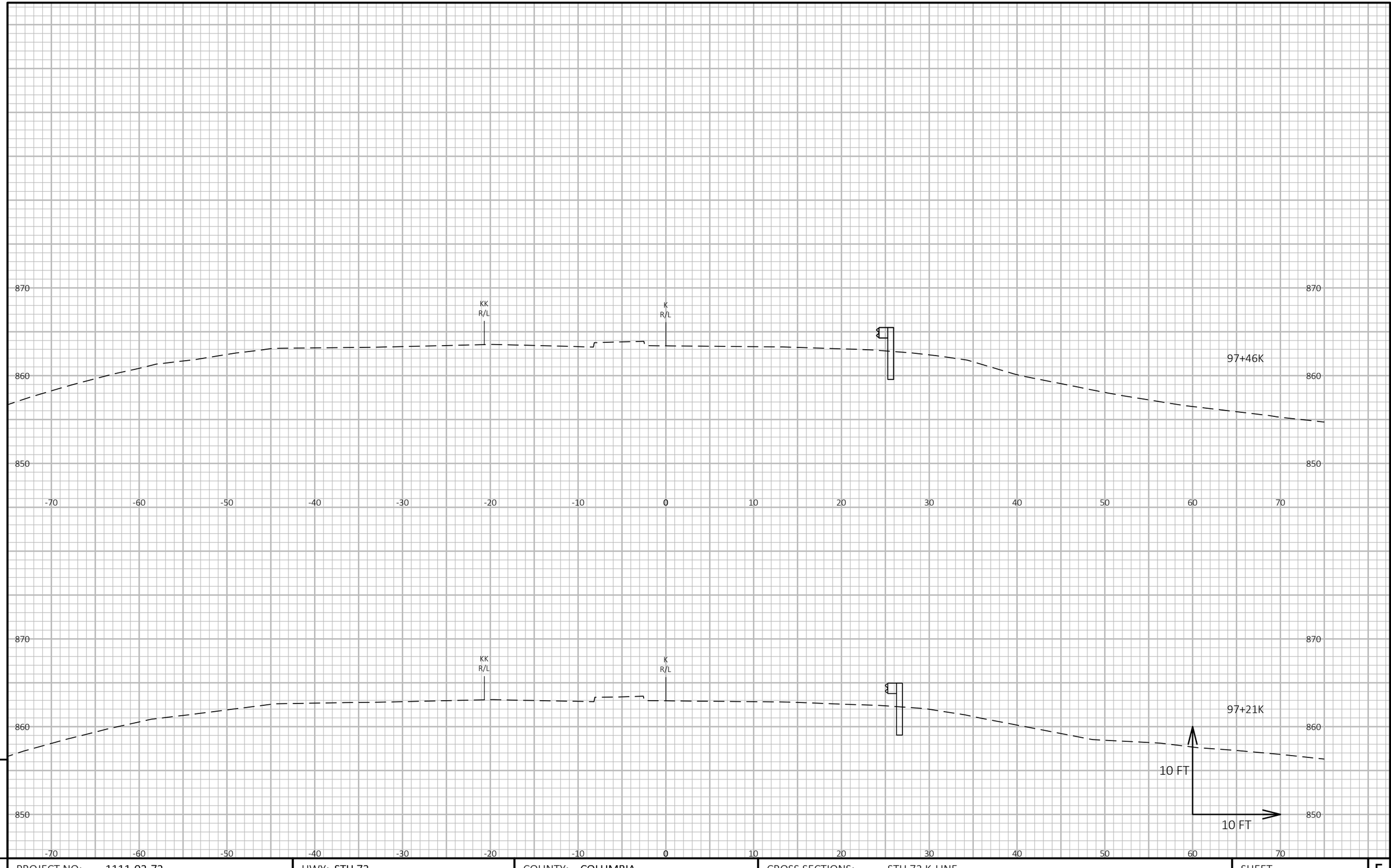
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PROJECT NO: 1111-03-72	HWY: STH 73	COUNTY: COLUMBIA	CROSS SECTIONS: STH 73 K-LINE	SHEET 952	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73N.DWG
LAYOUT NAME - 090201_xs-K

PLOT DATE : 4/24/2018 1:37 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 1111-03-72	HWY: STH 73	COUNTY: COLUMBIA	CROSS SECTIONS: STH 73 K-LINE	SHEET 953	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73N.DWG
LAYOUT NAME - 090202_xs-K

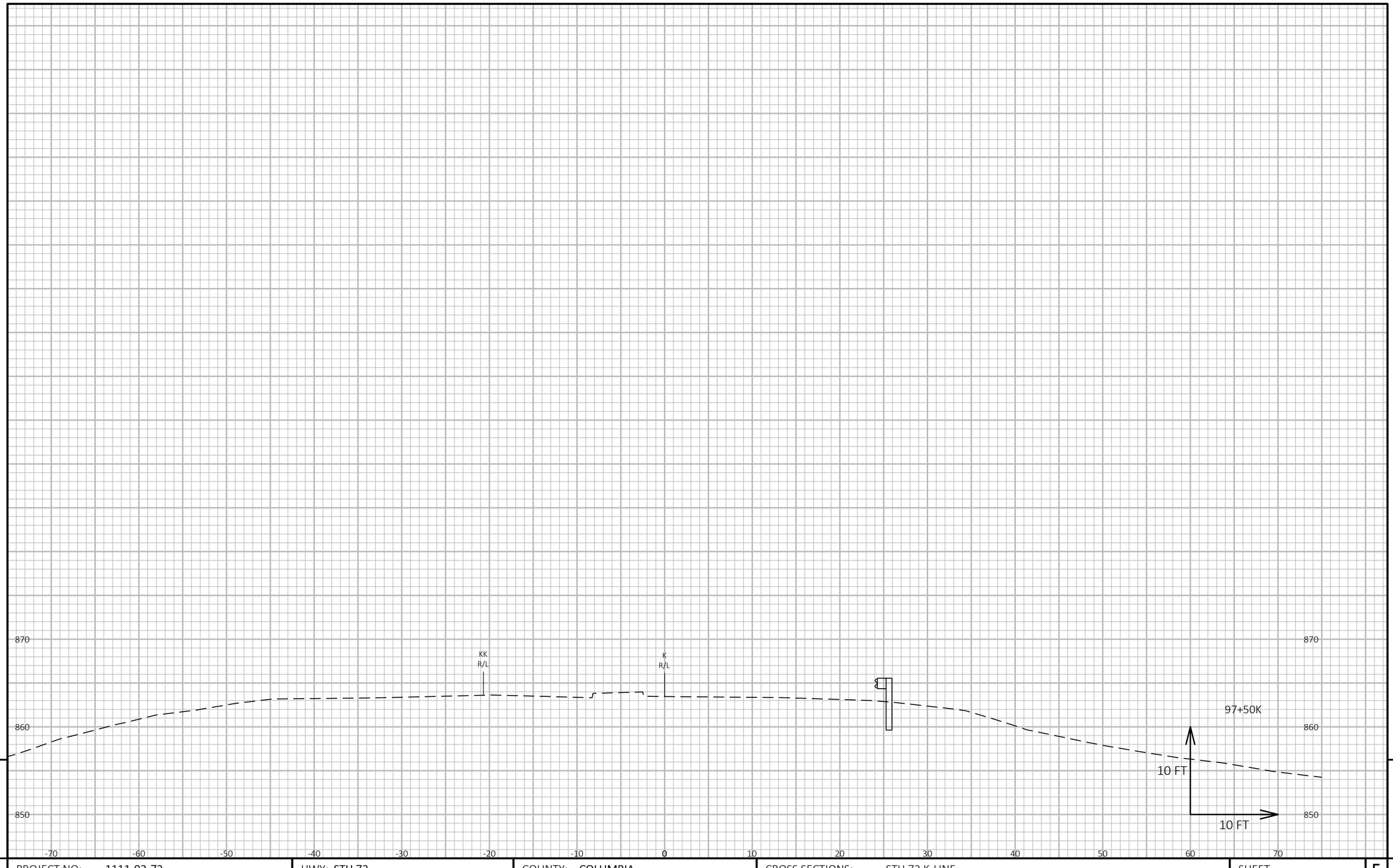
PLOT DATE : 4/24/2018 1:37 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 1111-03-72	HWY: STH 73	COUNTY: COLUMBIA	CROSS SECTIONS: STH 73 K-LINE	SHEET 954	E

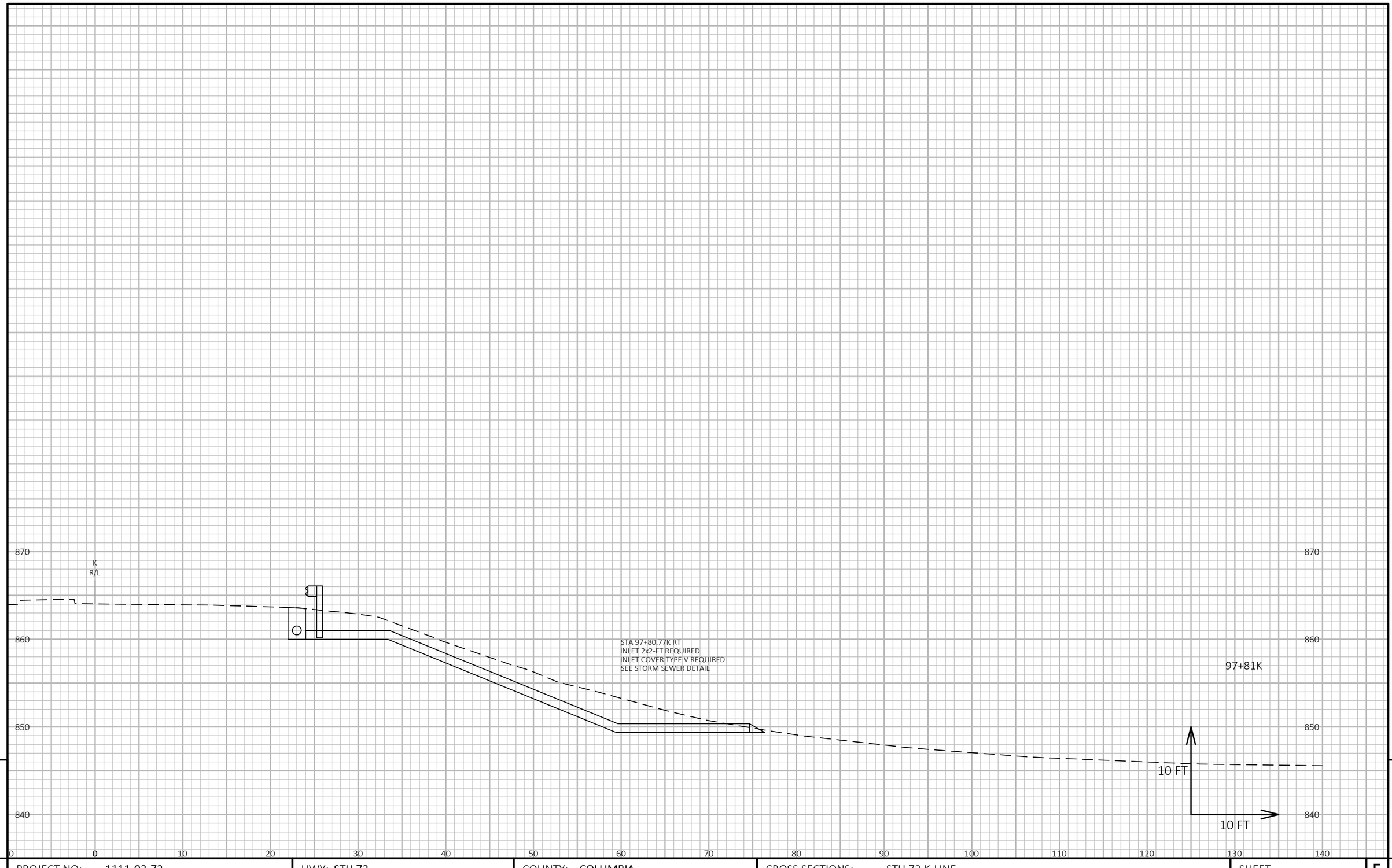
FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73N.DWG
LAYOUT NAME - 090203_xs-K

PLOT DATE : 4/24/2018 1:37 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



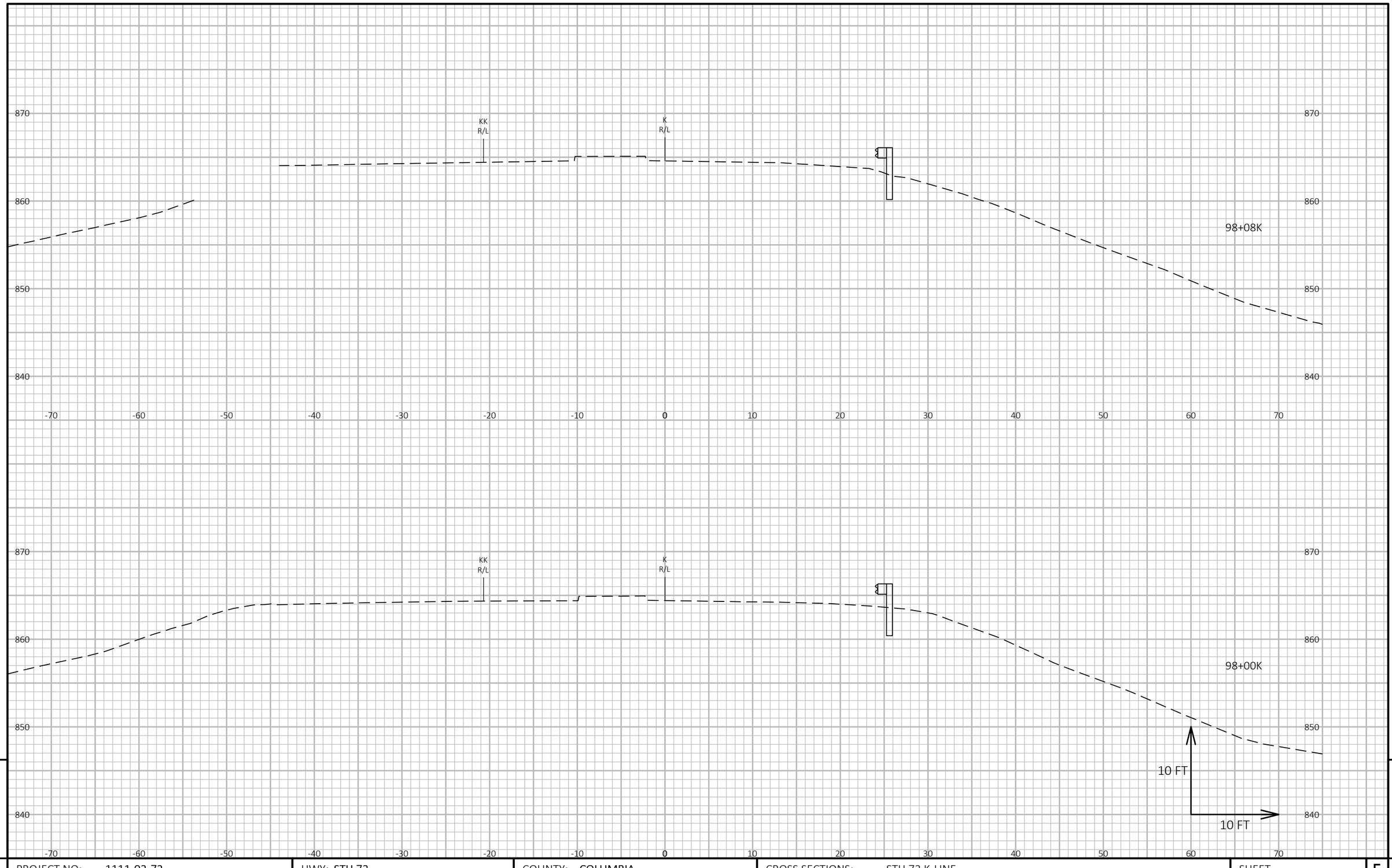
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9

PROJECT NO: 1111-03-72	HWY: STH 73	COUNTY: COLUMBIA	CROSS SECTIONS: STH 73 K-LINE	SHEET 955	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73N.DWG
LAYOUT NAME - 090204_xs-K

PLOT DATE : 4/24/2018 1:37 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



9

PROJECT NO: 1111-03-72	HWY: STH 73	COUNTY: COLUMBIA	CROSS SECTIONS: STH 73 K-LINE	SHEET 956	E

9

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73N.DWG
LAYOUT NAME - 090205_xs-K

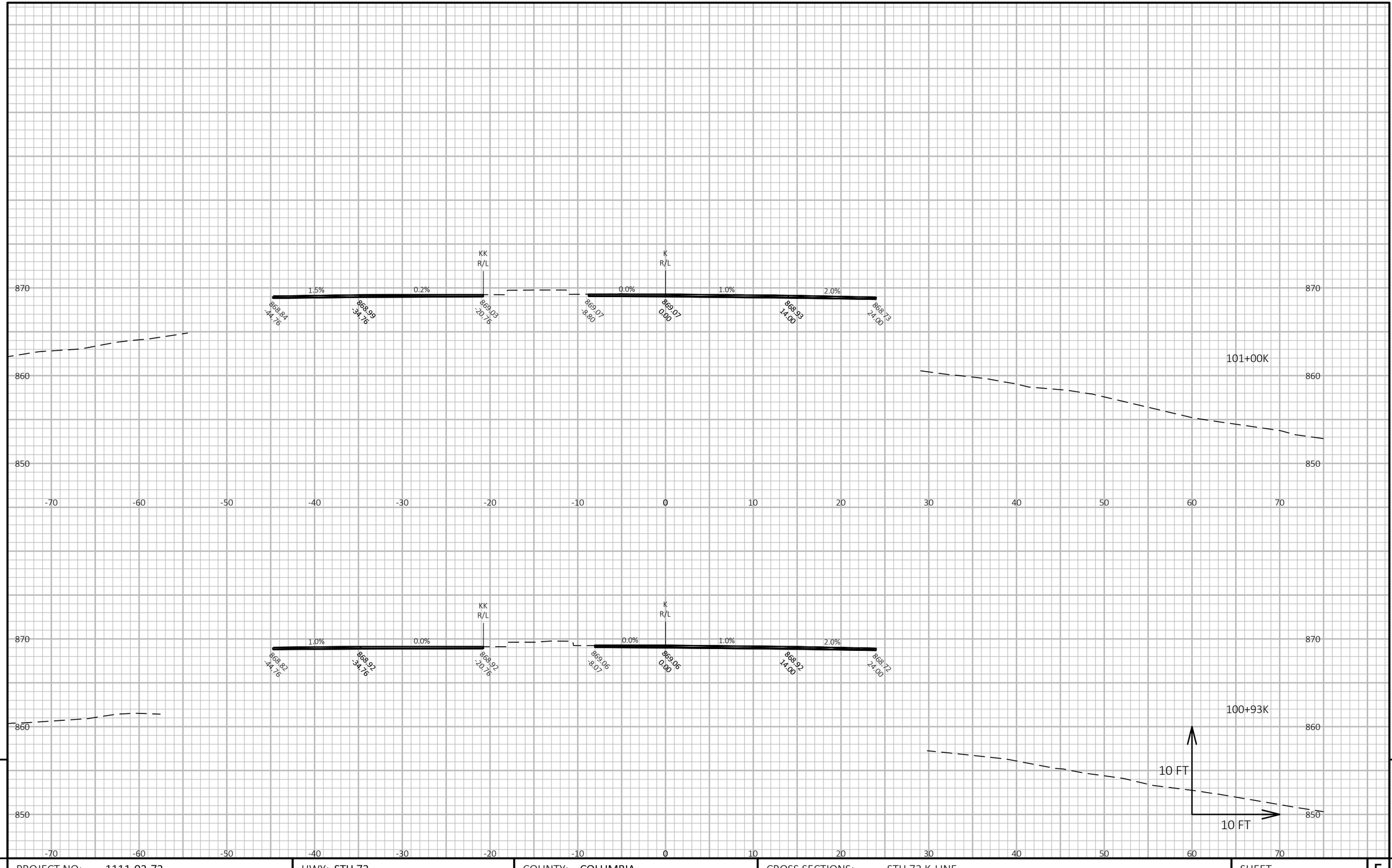
PLOT DATE : 4/24/2018 1:37 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



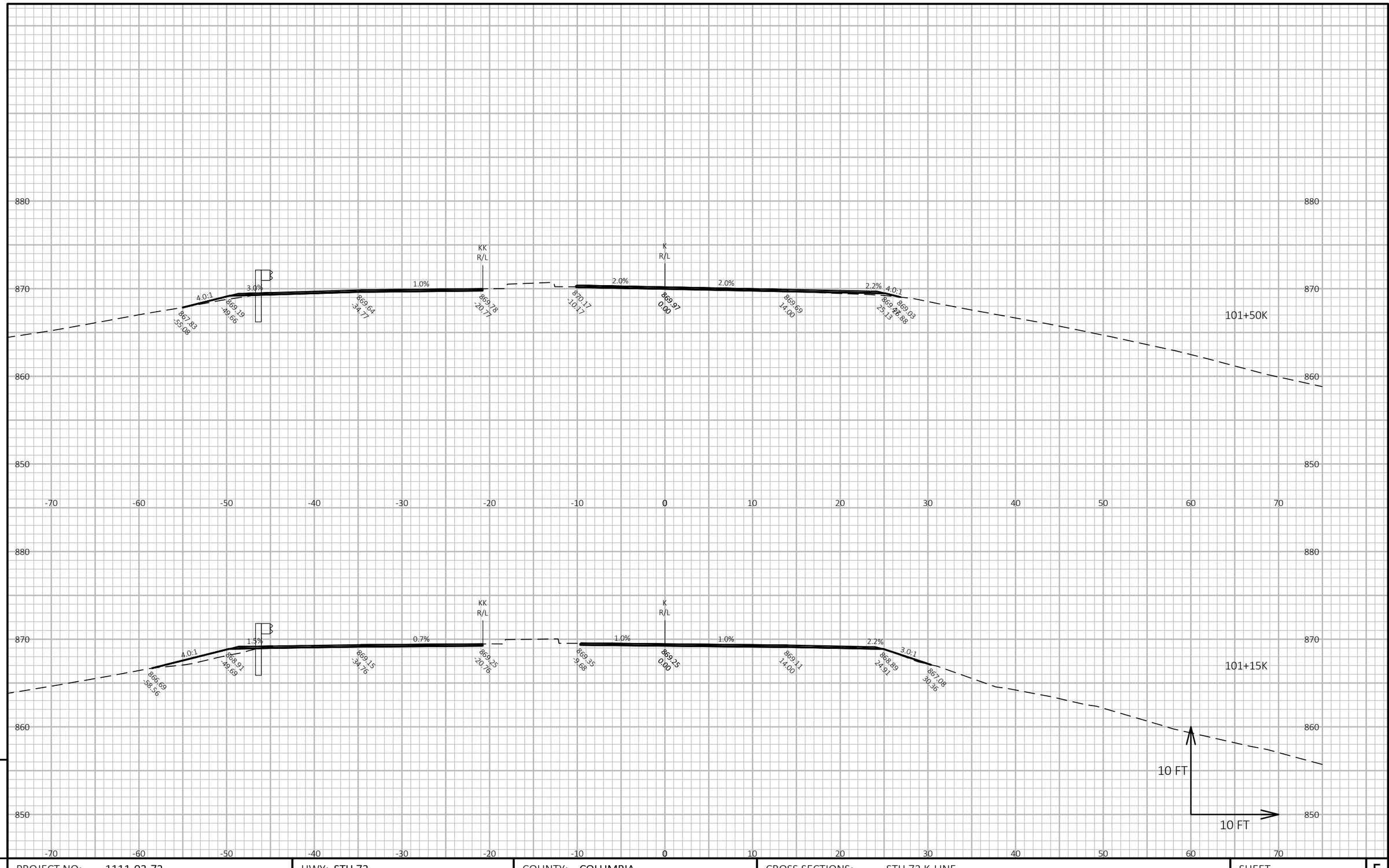
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9

PROJECT NO: 1111-03-72	HWY: STH 73	COUNTY: COLUMBIA	CROSS SECTIONS: STH 73 K-LINE	SHEET 957 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73N.DWG
LAYOUT NAME - 090206_xs-K

PLOT DATE : 4/24/2018 1:37 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

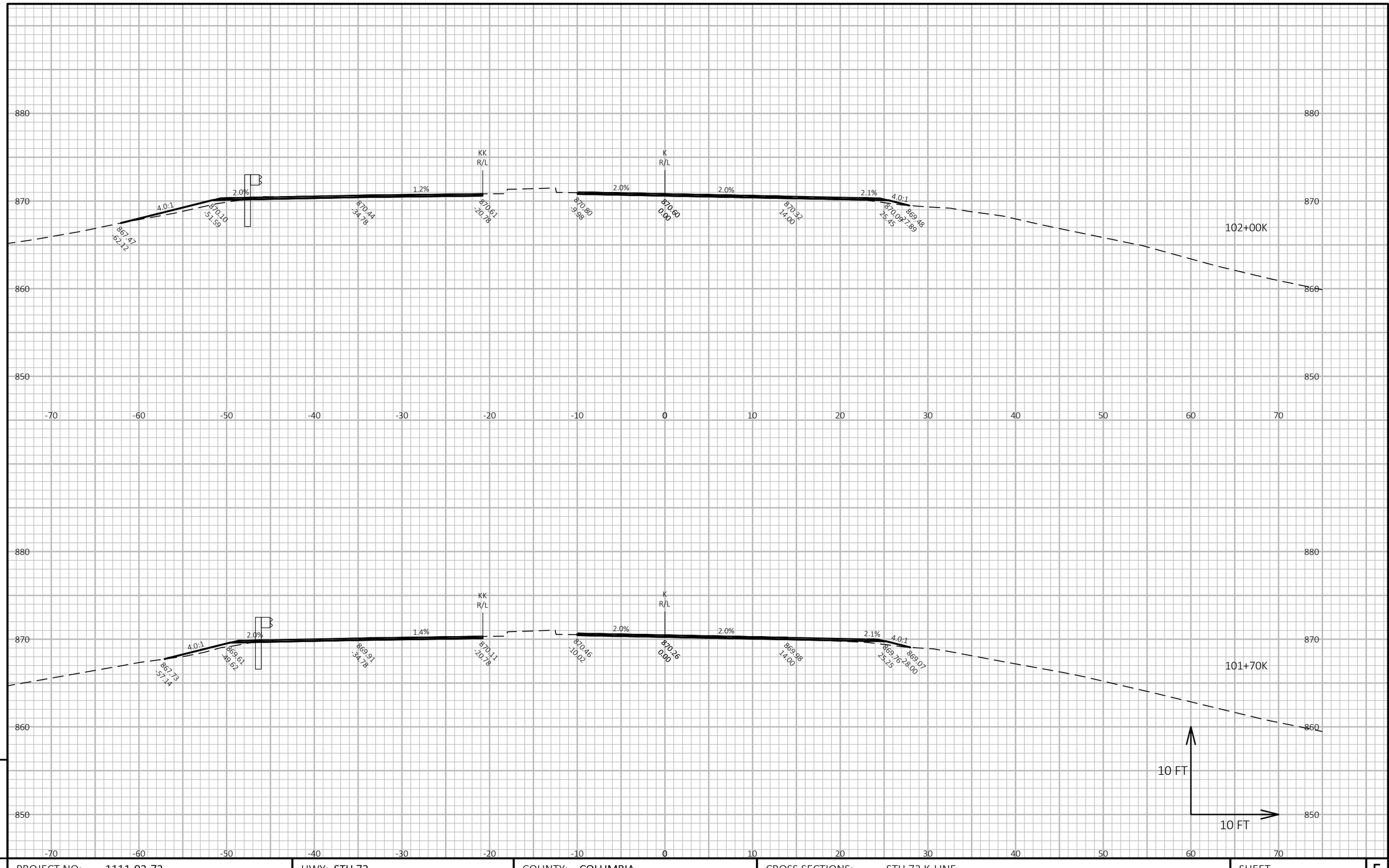


PROJECT NO: 1111-03-72	HWY: STH 73	COUNTY: COLUMBIA	CROSS SECTIONS: STH 73 K-LINE	SHEET 958 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73N.DWG
LAYOUT NAME - 090207_xs-K

PLOT DATE : 4/24/2018 1:37 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

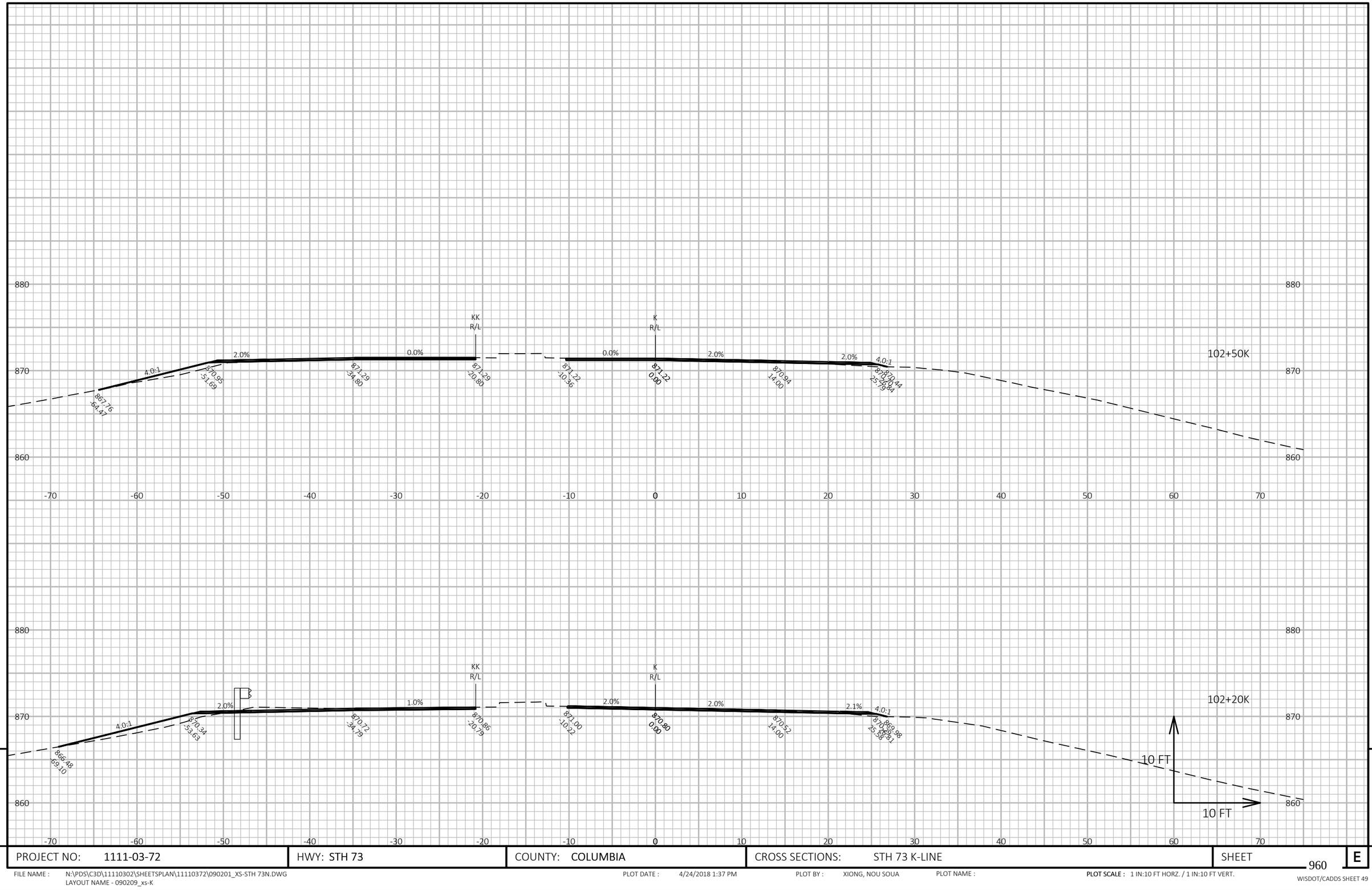


PROJECT NO: 1111-03-72	HWY: STH 73	COUNTY: COLUMBIA	CROSS SECTIONS: STH 73 K-LINE	SHEET 959 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73N.DWG
LAYOUT NAME - 090208_xs-K

PLOT DATE : 4/24/2018 1:37 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



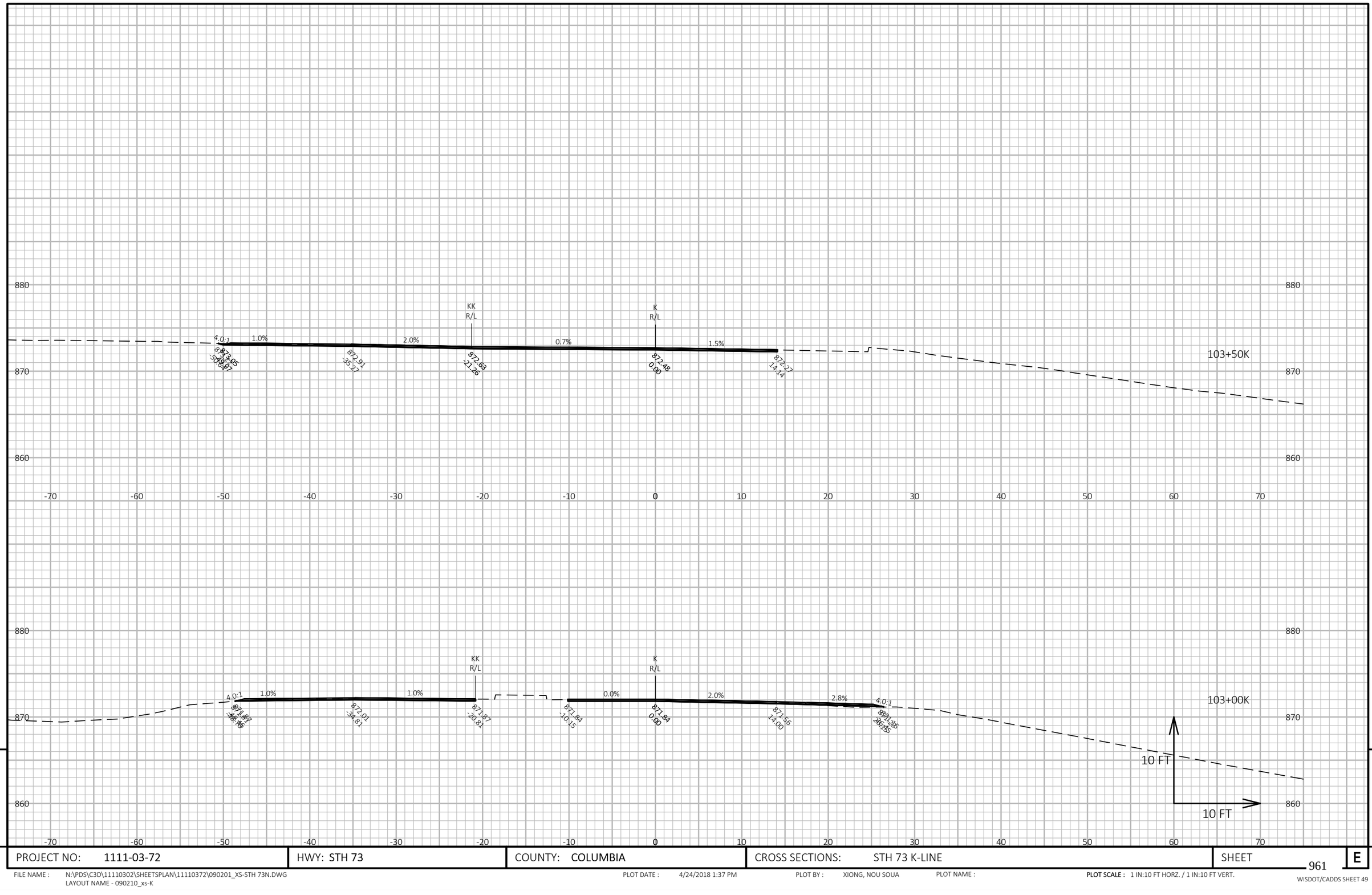
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PROJECT NO: 1111-03-72	HWY: STH 73	COUNTY: COLUMBIA	CROSS SECTIONS: STH 73 K-LINE	SHEET 960	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73N.DWG
LAYOUT NAME - 090209_xs-K

PLOT DATE : 4/24/2018 1:37 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: STH 73	COUNTY: COLUMBIA	CROSS SECTIONS: STH 73 K-LINE	SHEET 961	E

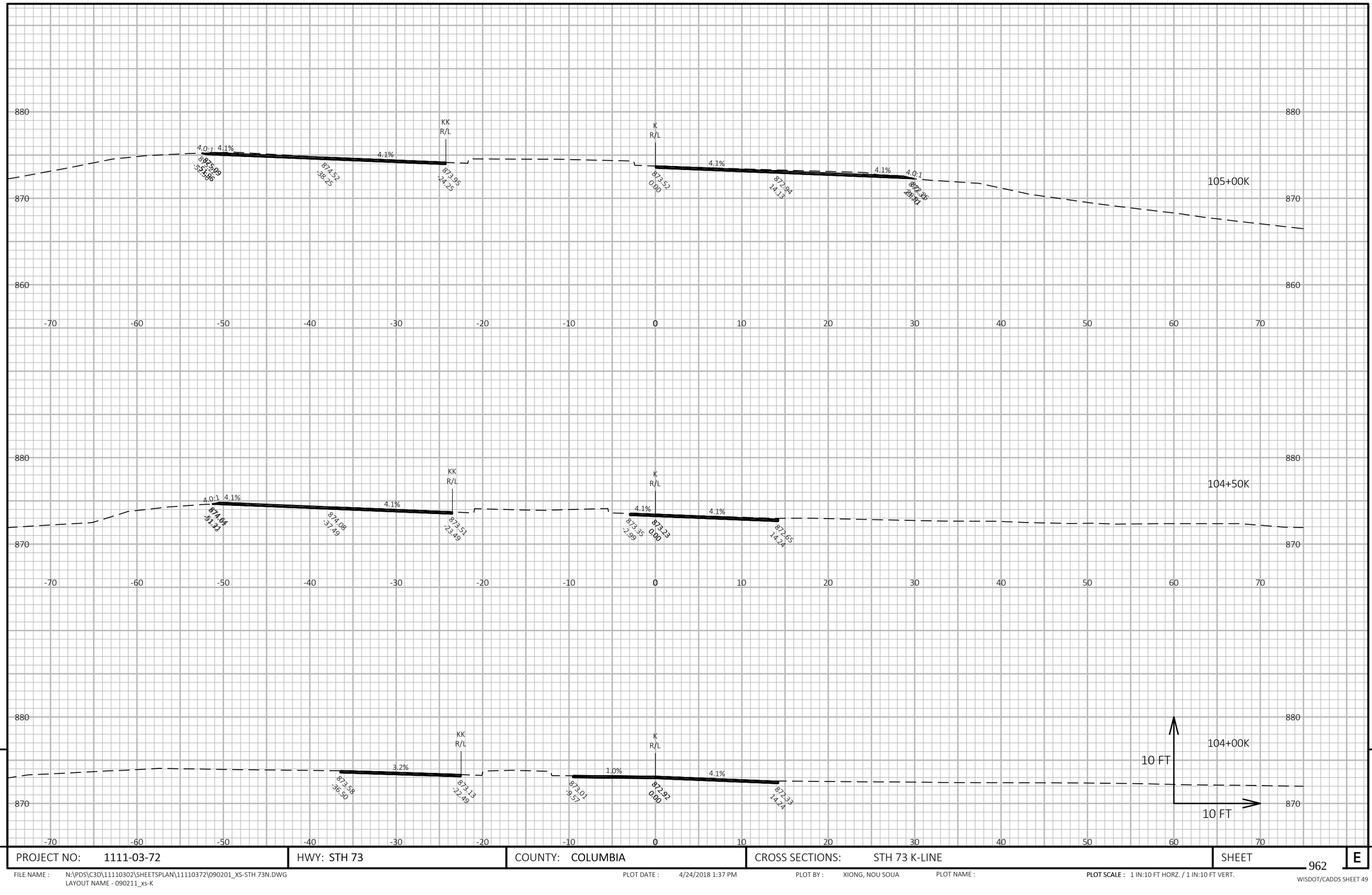
FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73N.DWG
LAYOUT NAME - 090210_xs-K

PLOT DATE : 4/24/2018 1:37 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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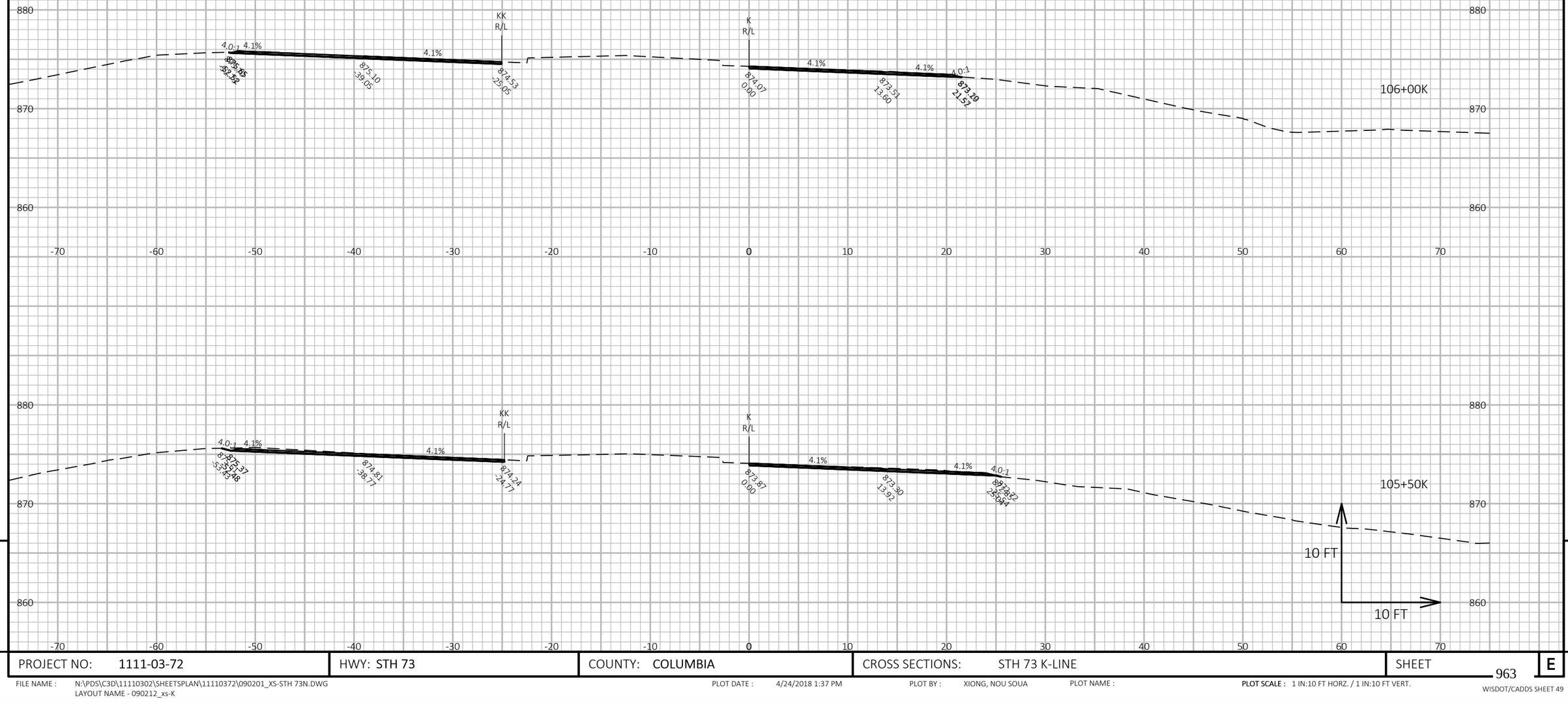
PROJECT NO: 1111-03-72	HWY: STH 73	COUNTY: COLUMBIA	CROSS SECTIONS: STH 73 K-LINE	SHEET 962	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73N.DWG
LAYOUT NAME - 090211_xs-K

PLOT DATE : 4/24/2018 1:37 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

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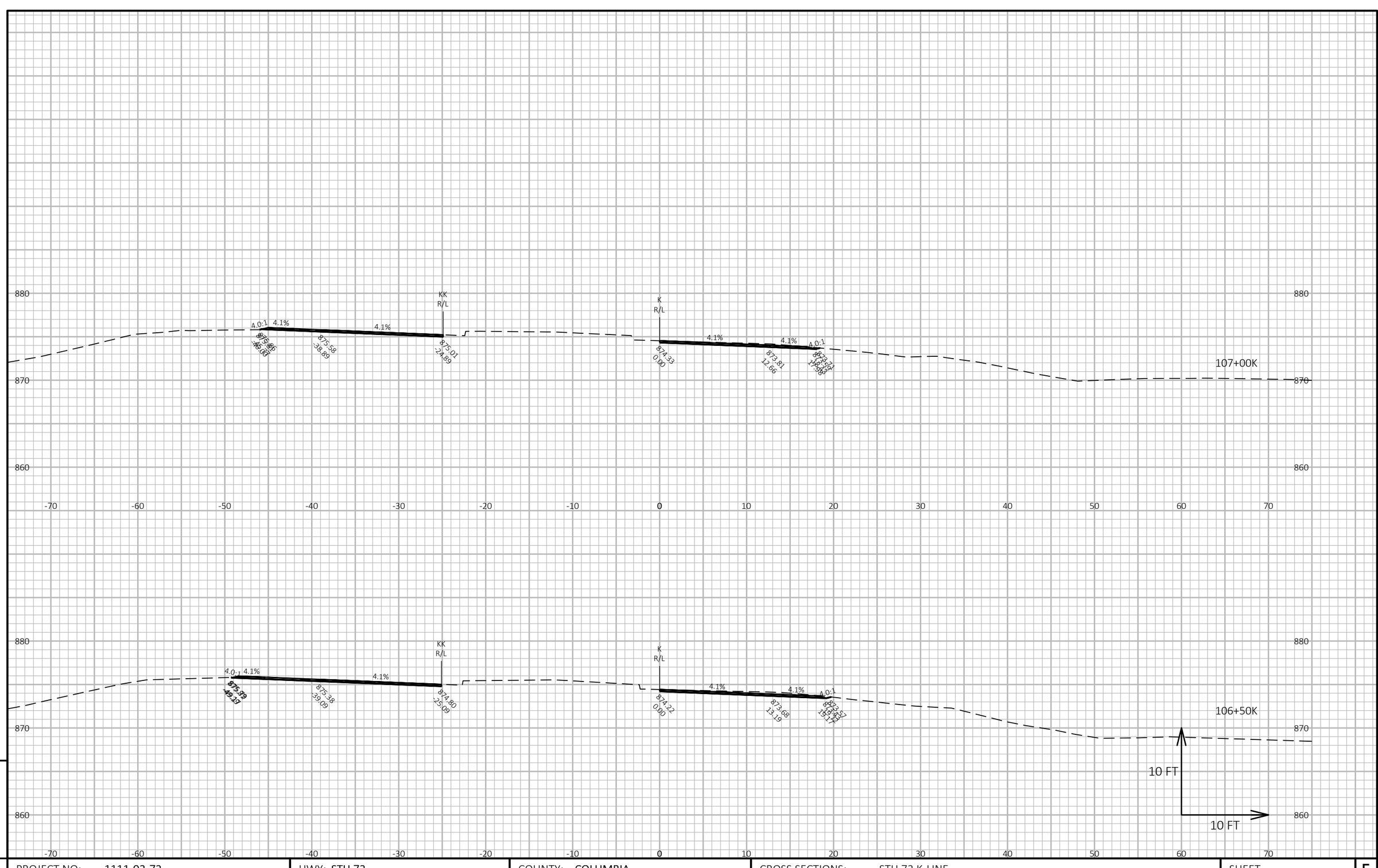


PROJECT NO: 1111-03-72	HWY: STH 73	COUNTY: COLUMBIA	CROSS SECTIONS: STH 73 K-LINE	SHEET 963 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73N.DWG
LAYOUT NAME - 090212_xs-K

PLOT DATE : 4/24/2018 1:37 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

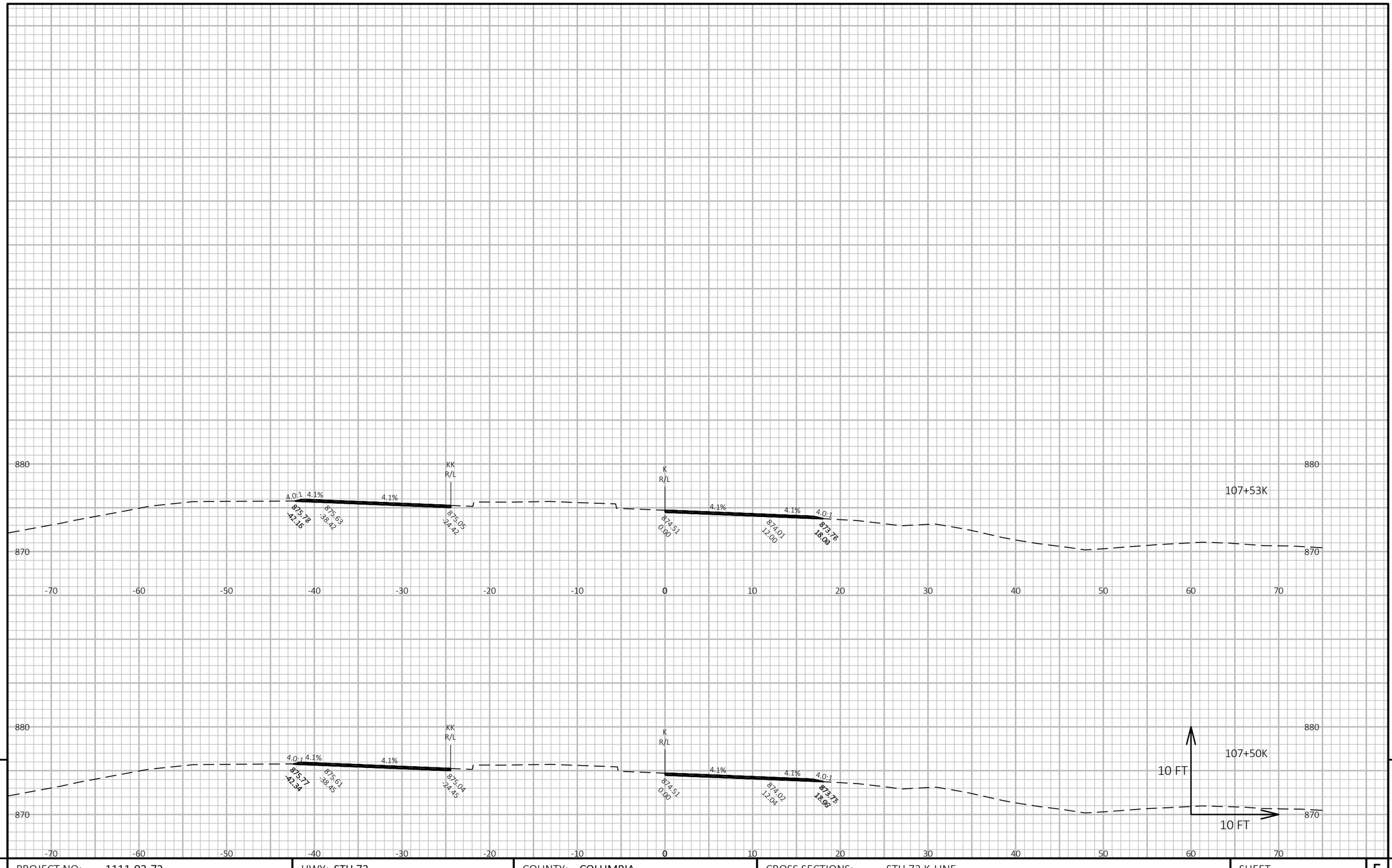


PROJECT NO: 1111-03-72	HWY: STH 73	COUNTY: COLUMBIA	CROSS SECTIONS: STH 73 K-LINE	SHEET 964 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73N.DWG
LAYOUT NAME - 090213_xs-K

PLOT DATE : 4/24/2018 1:37 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



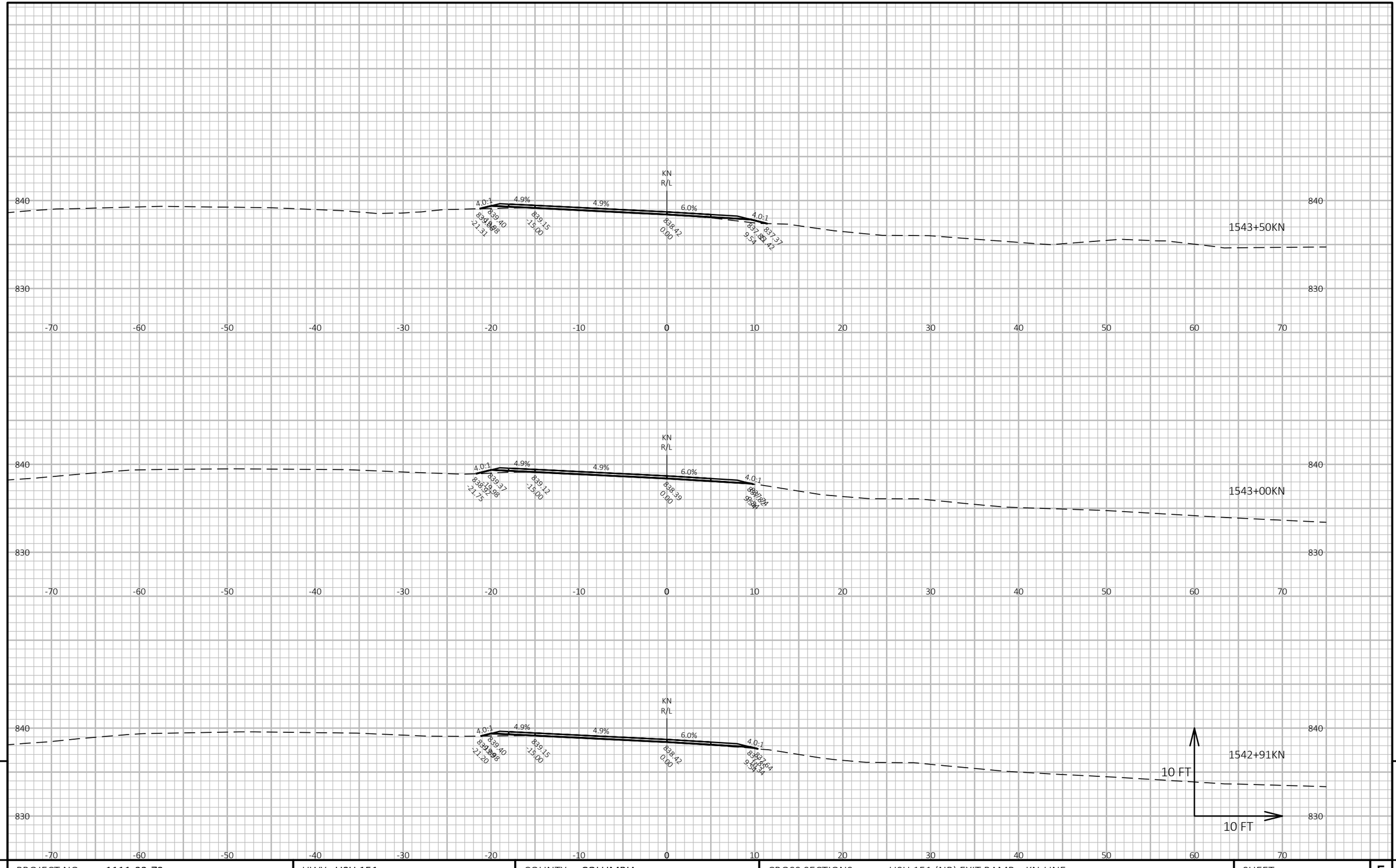
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PROJECT NO: 1111-03-72	HWY: STH 73	COUNTY: COLUMBIA	CROSS SECTIONS: STH 73 K-LINE	SHEET 965	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73N.DWG
LAYOUT NAME - 090214_xs-K

PLOT DATE : 4/24/2018 1:37 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (NB) EXIT RAMP KN-LINE	SHEET 966	E

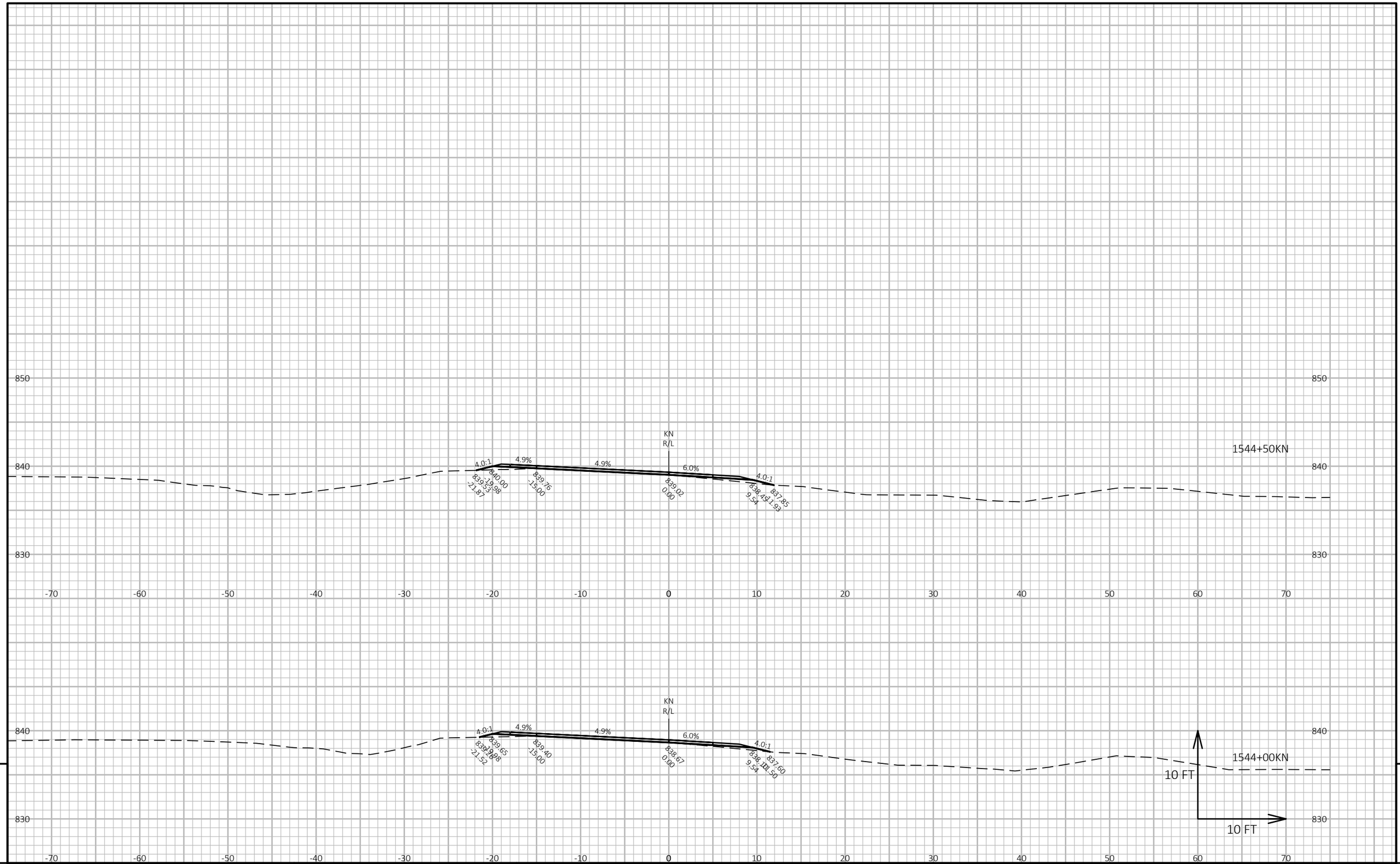
FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73N.DWG
LAYOUT NAME - 090201_xs-KN

PLOT DATE : 4/24/2018 1:38 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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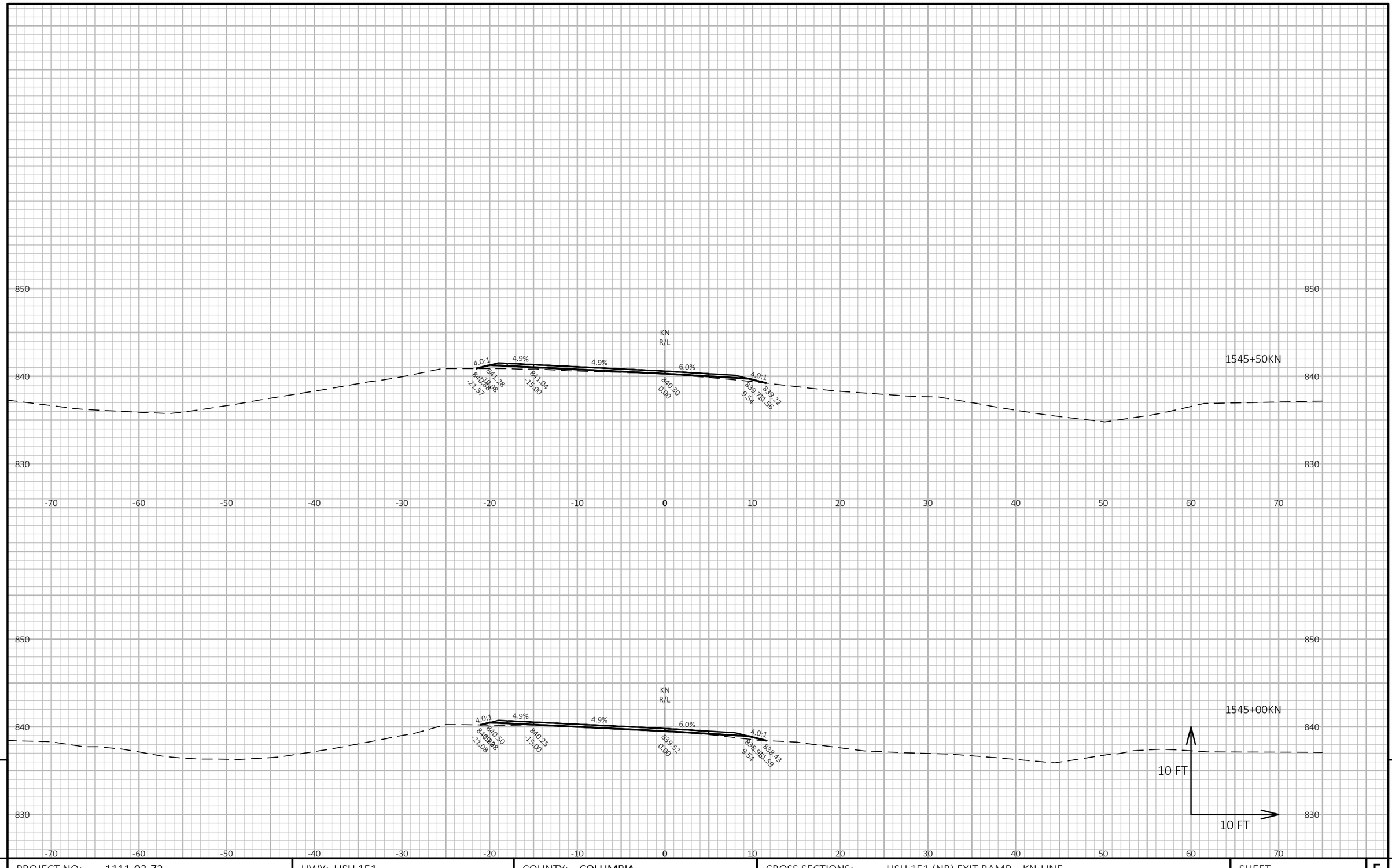
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (NB) EXIT RAMP KN-LINE	SHEET 967	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73N.DWG
LAYOUT NAME - 090202_xs-KN

PLOT DATE : 4/24/2018 1:38 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (NB) EXIT RAMP KN-LINE	SHEET 968	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73N.DWG
LAYOUT NAME - 090203_xs-KN

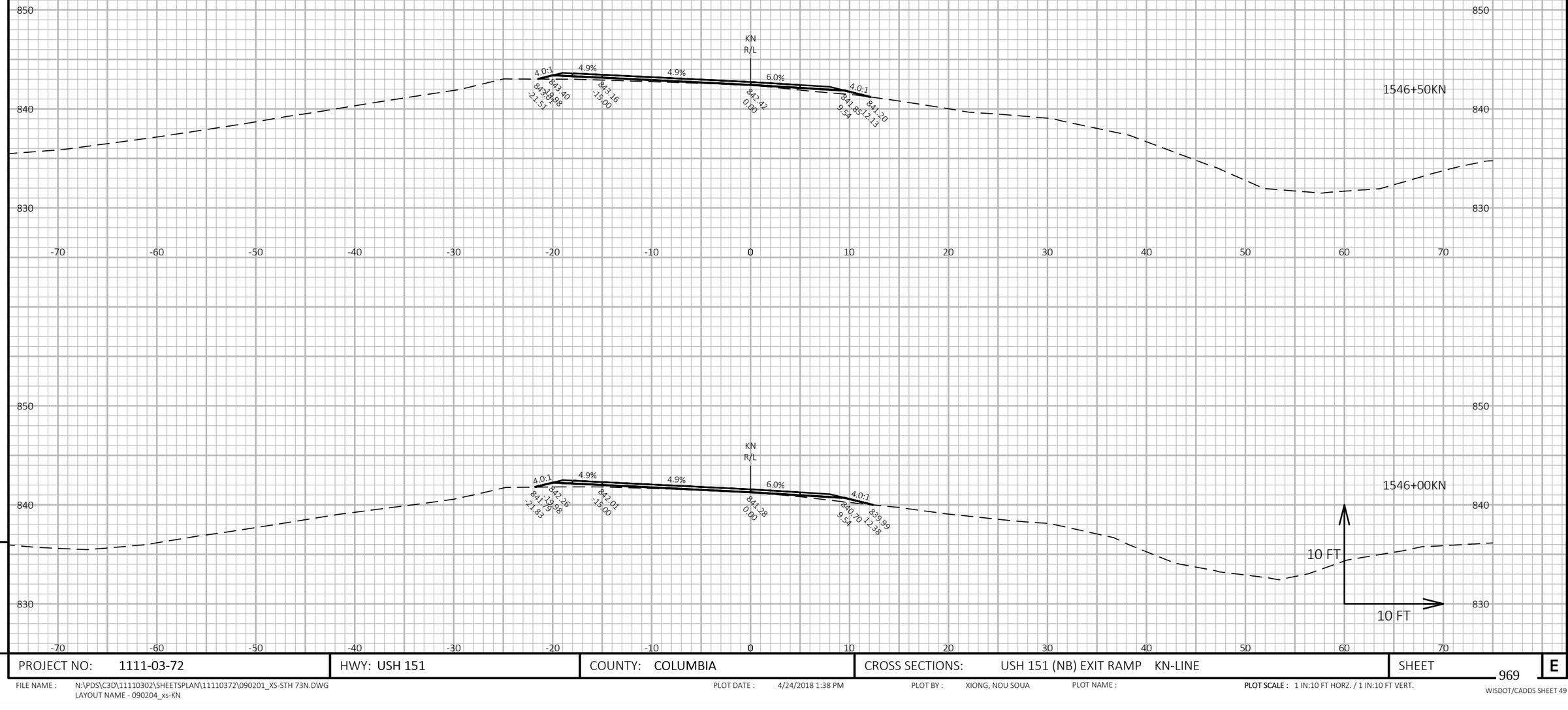
PLOT DATE : 4/24/2018 1:38 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



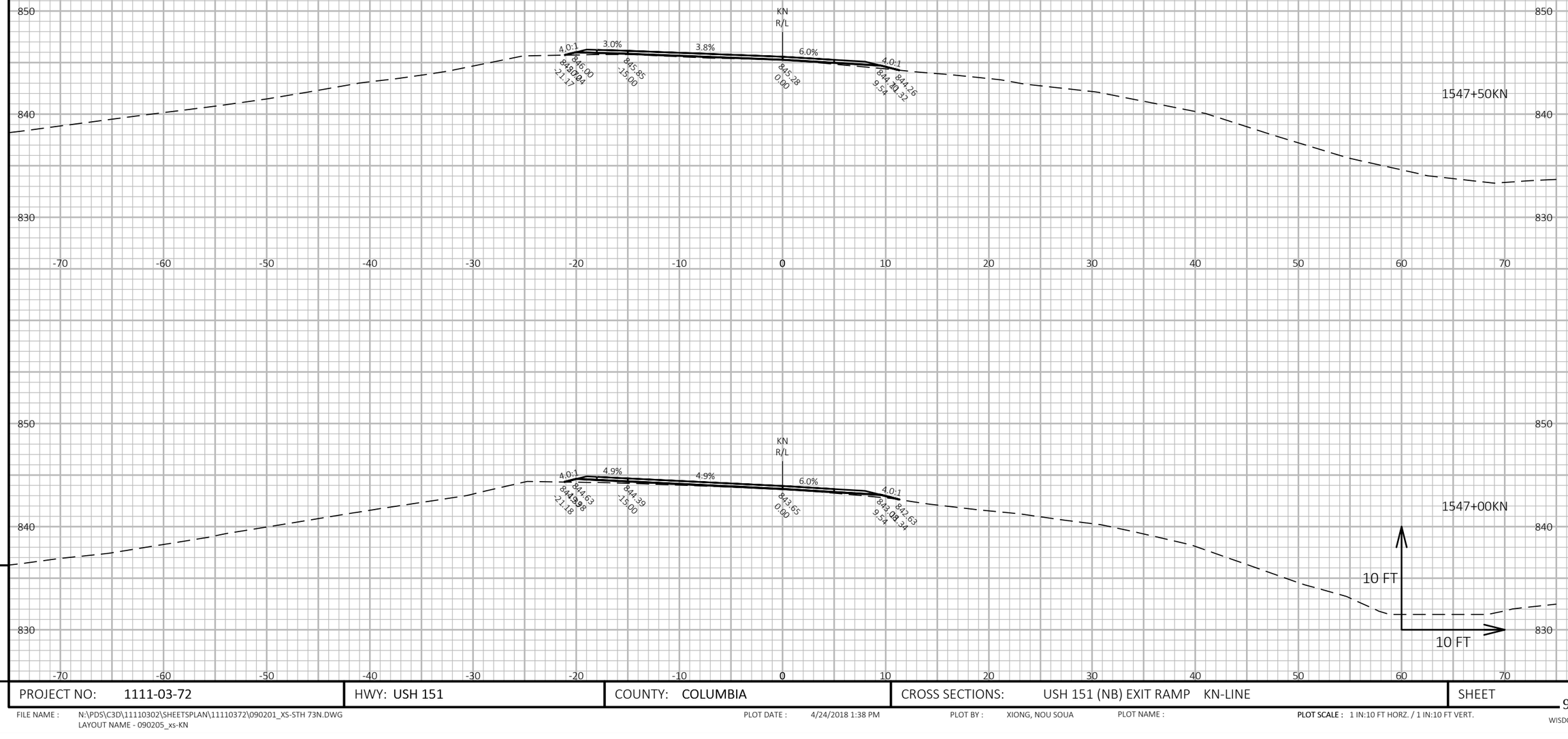
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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (NB) EXIT RAMP KN-LINE	SHEET 969	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73N.DWG
LAYOUT NAME - 090204_xs-KN

PLOT DATE : 4/24/2018 1:38 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (NB) EXIT RAMP KN-LINE	SHEET 970	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73N.DWG
LAYOUT NAME - 090205_xs-KN

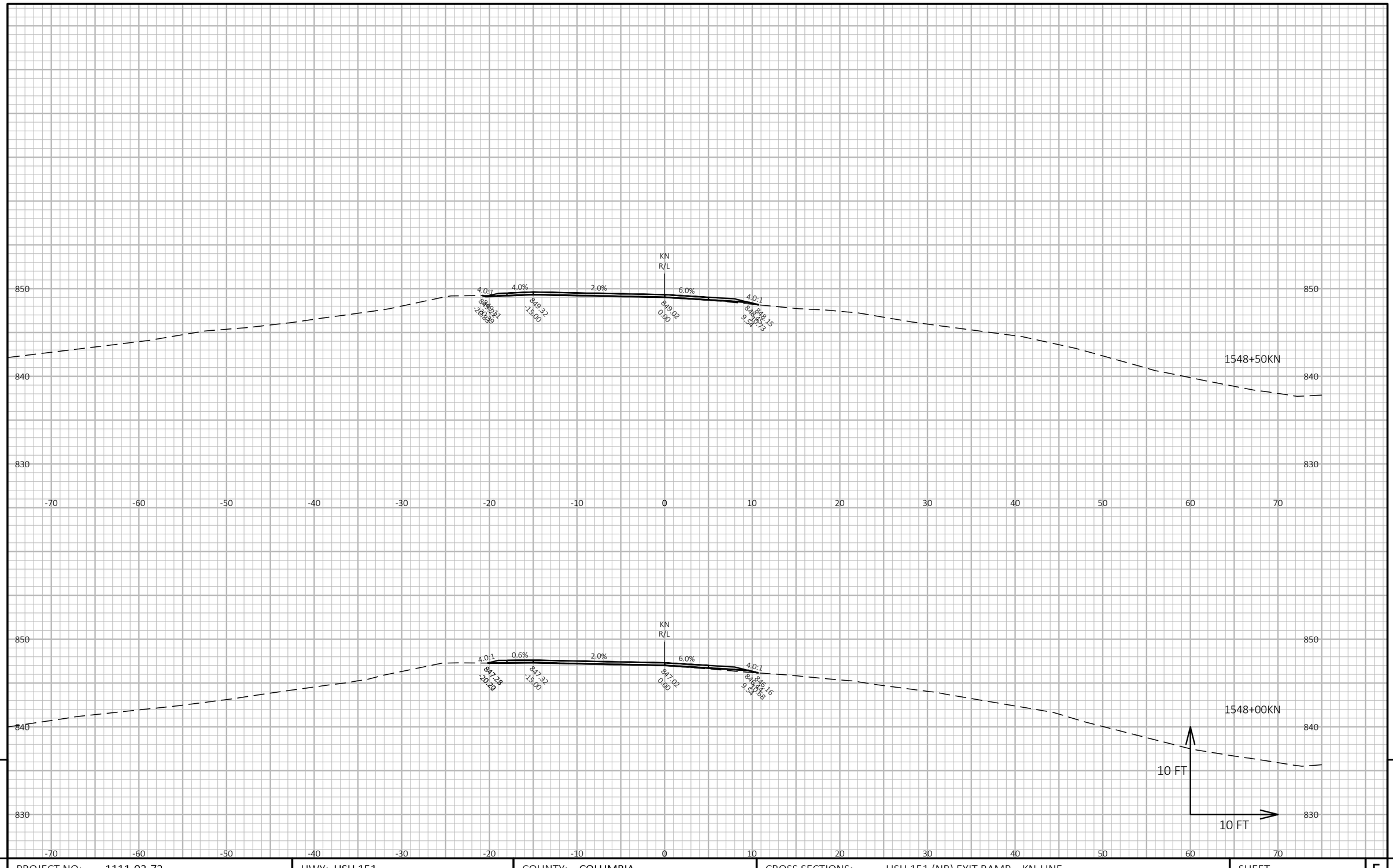
PLOT DATE : 4/24/2018 1:38 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (NB) EXIT RAMP KN-LINE	SHEET 971	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73N.DWG
LAYOUT NAME - 090206_xs-KN

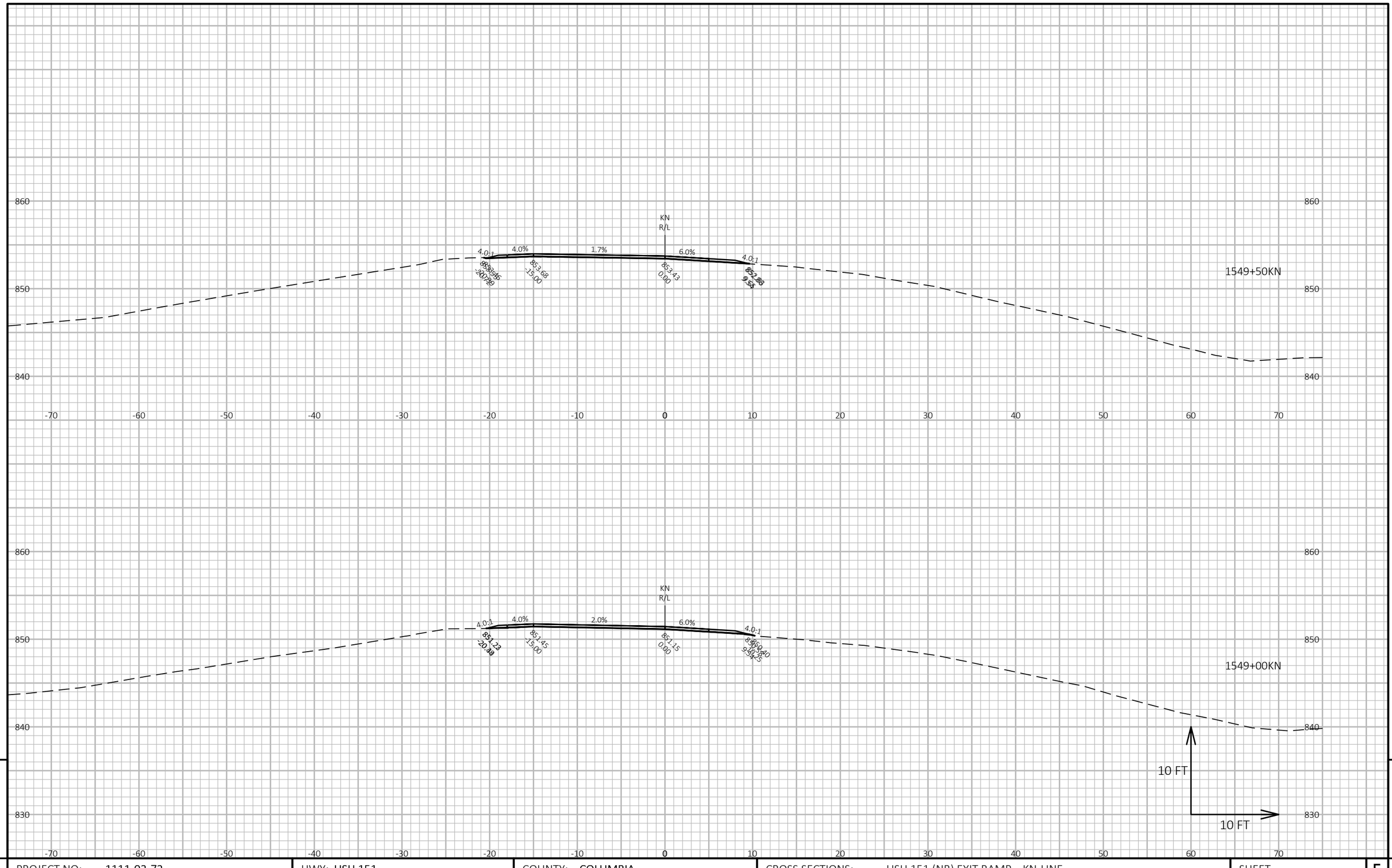
PLOT DATE : 4/24/2018 1:38 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (NB) EXIT RAMP KN-LINE	SHEET 972	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73N.DWG
LAYOUT NAME - 090207_xs-KN

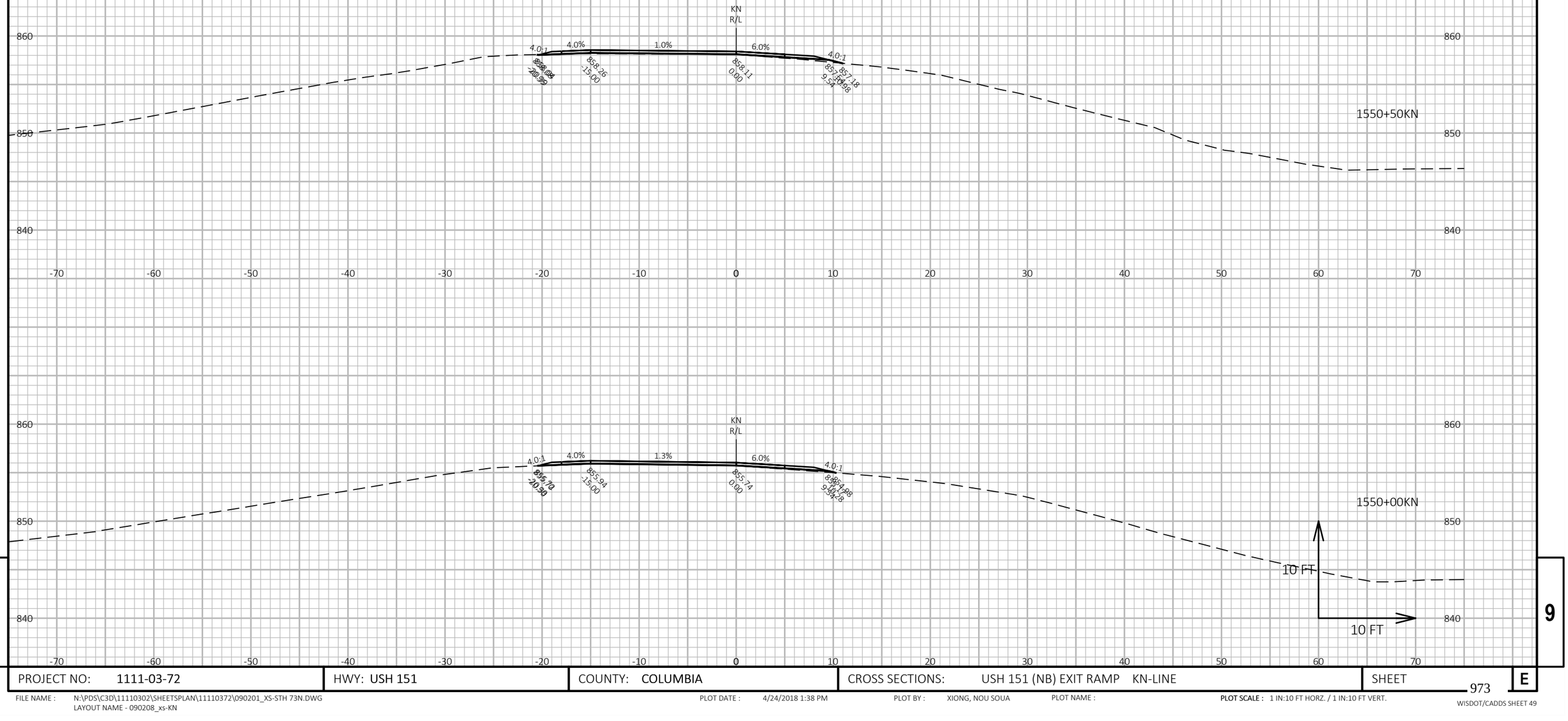
PLOT DATE : 4/24/2018 1:38 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

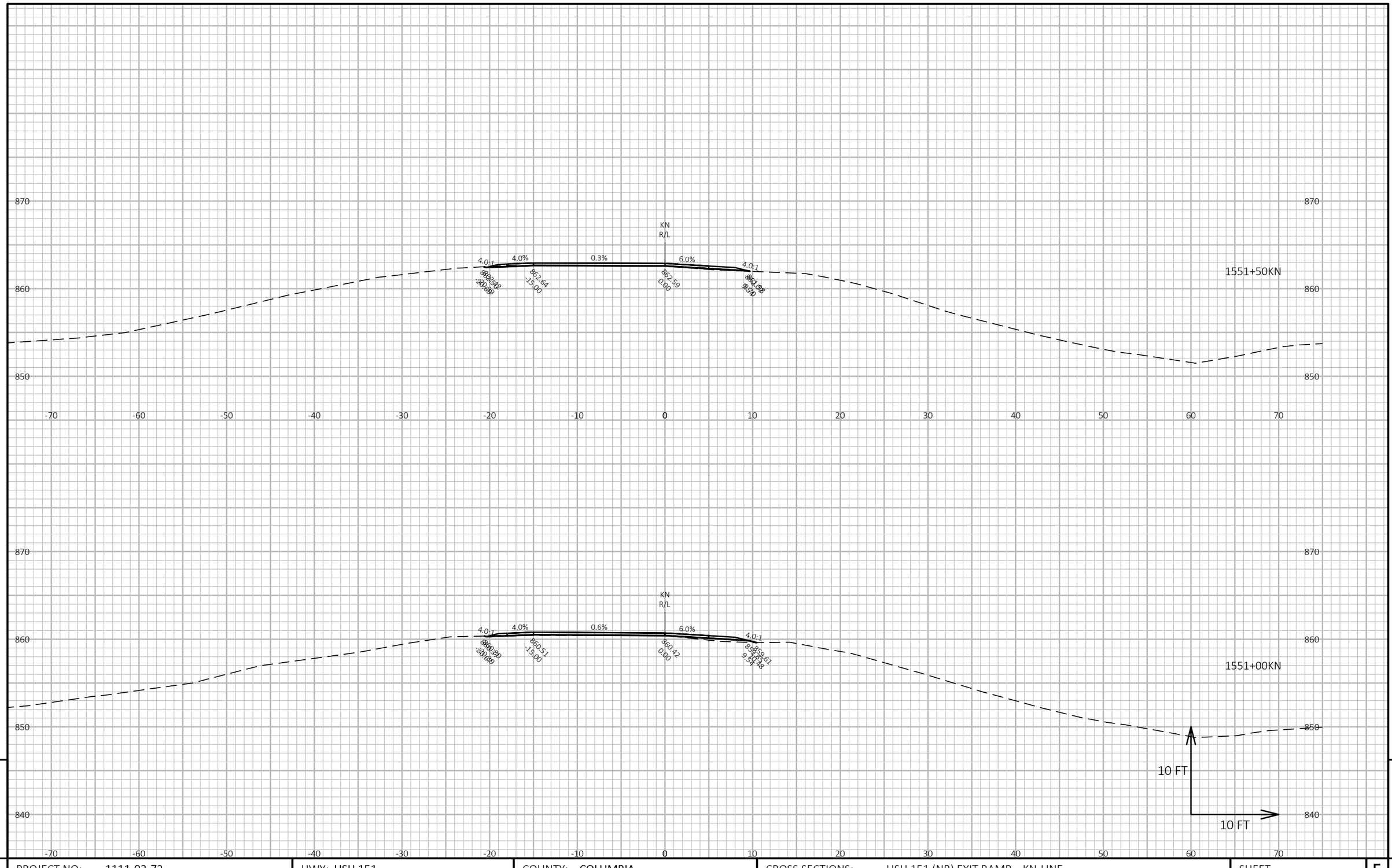


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (NB) EXIT RAMP KN-LINE	SHEET 973 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73N.DWG
LAYOUT NAME - 090208_xs-KN

PLOT DATE : 4/24/2018 1:38 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (NB) EXIT RAMP KN-LINE	SHEET 974	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73N.DWG
LAYOUT NAME - 090209_xs-KN

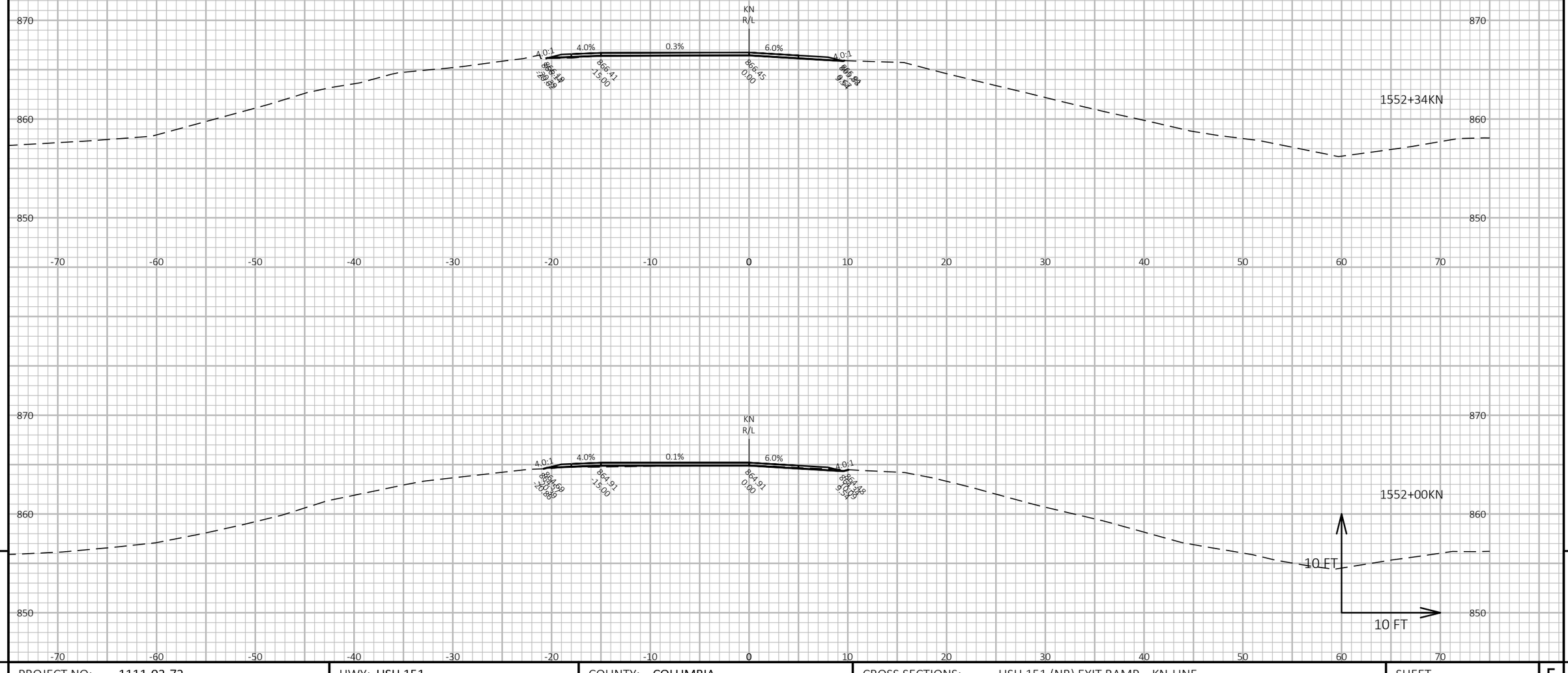
PLOT DATE : 4/24/2018 1:38 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

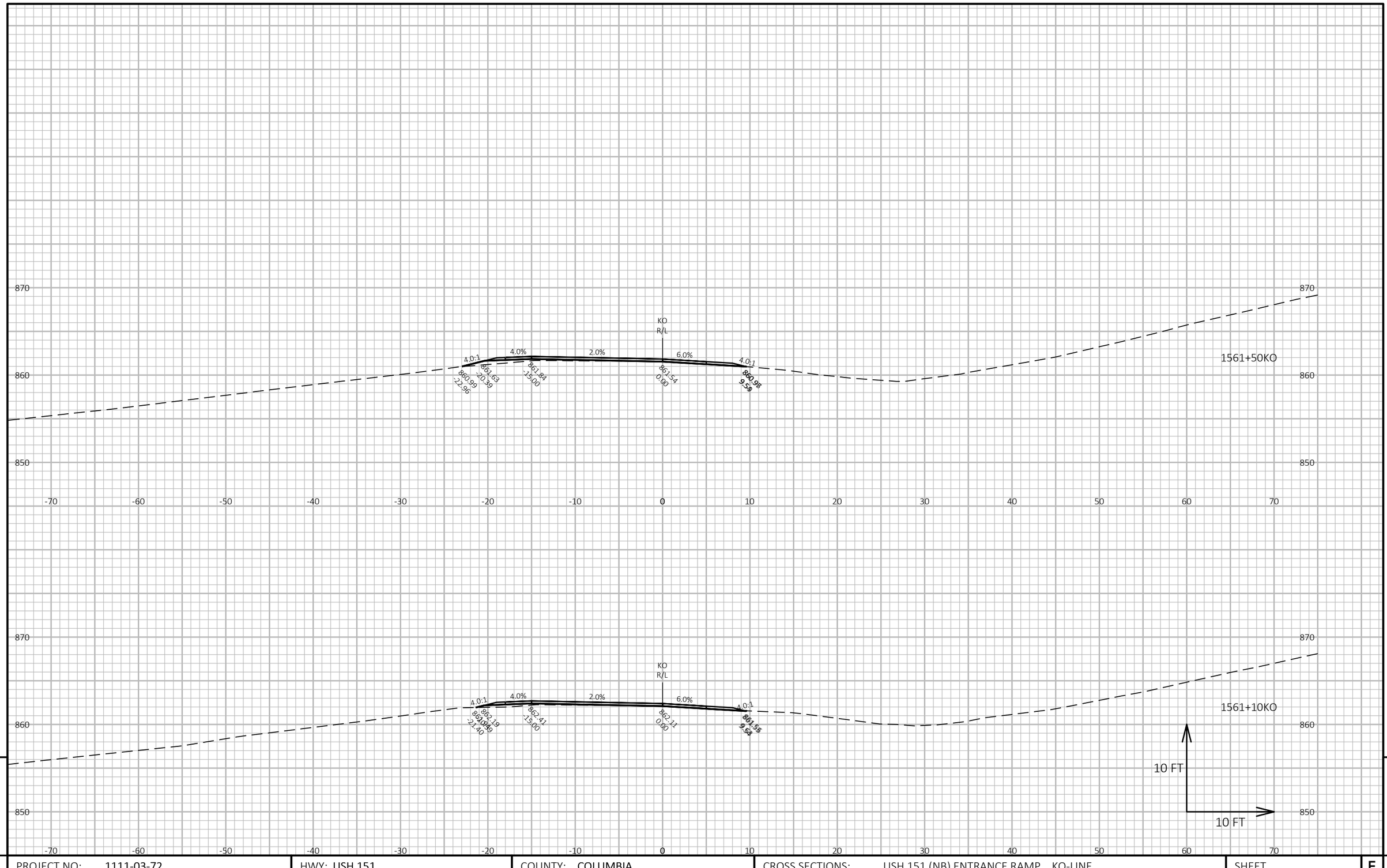


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (NB) EXIT RAMP KN-LINE	SHEET 975 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73N.DWG
LAYOUT NAME - 090210_xs-KN

PLOT DATE : 4/24/2018 1:38 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (NB) ENTRANCE RAMP KO-LINE	SHEET 976	E

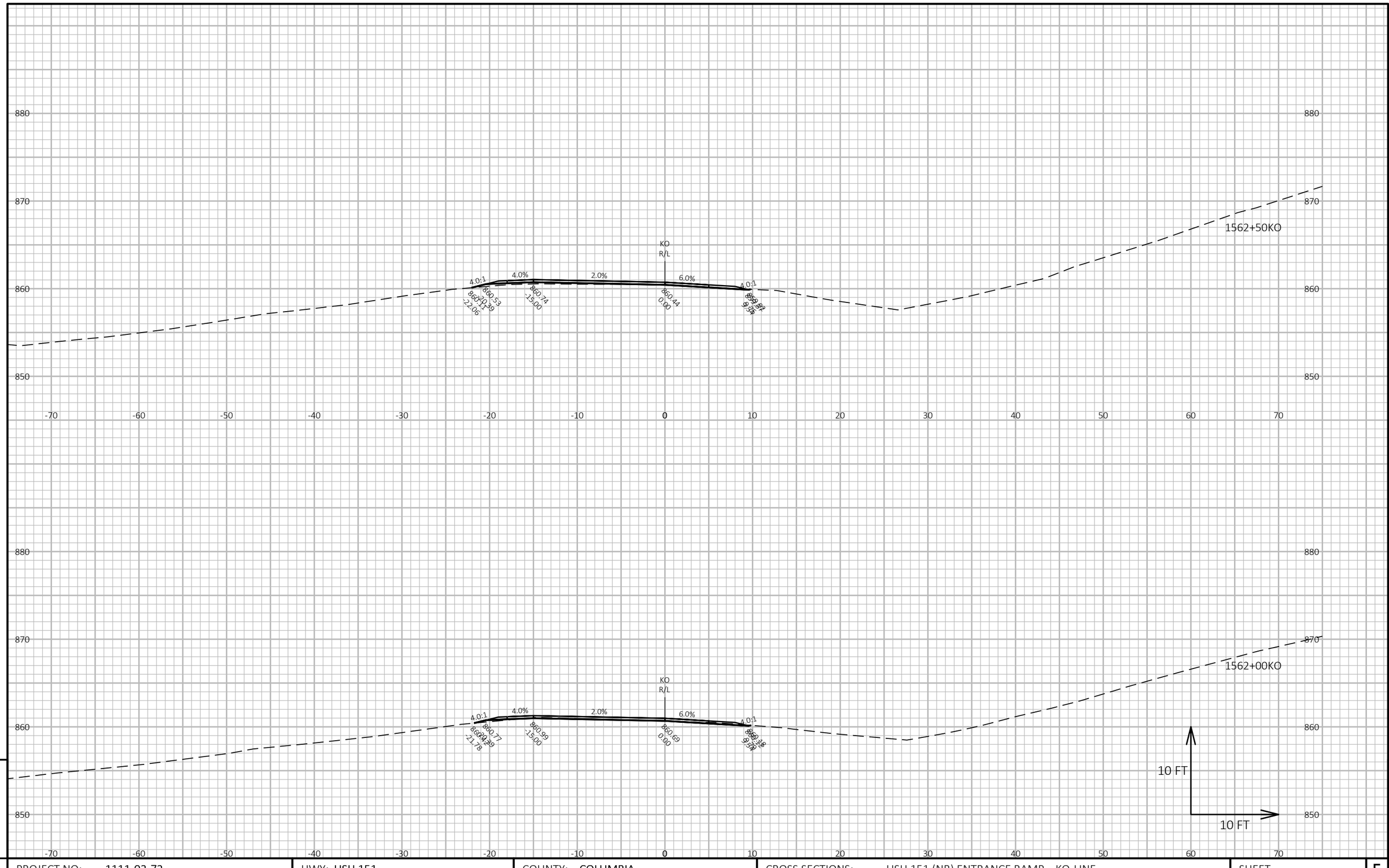
FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73N.DWG
LAYOUT NAME - 090201_xs-KO

PLOT DATE : 4/24/2018 1:38 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

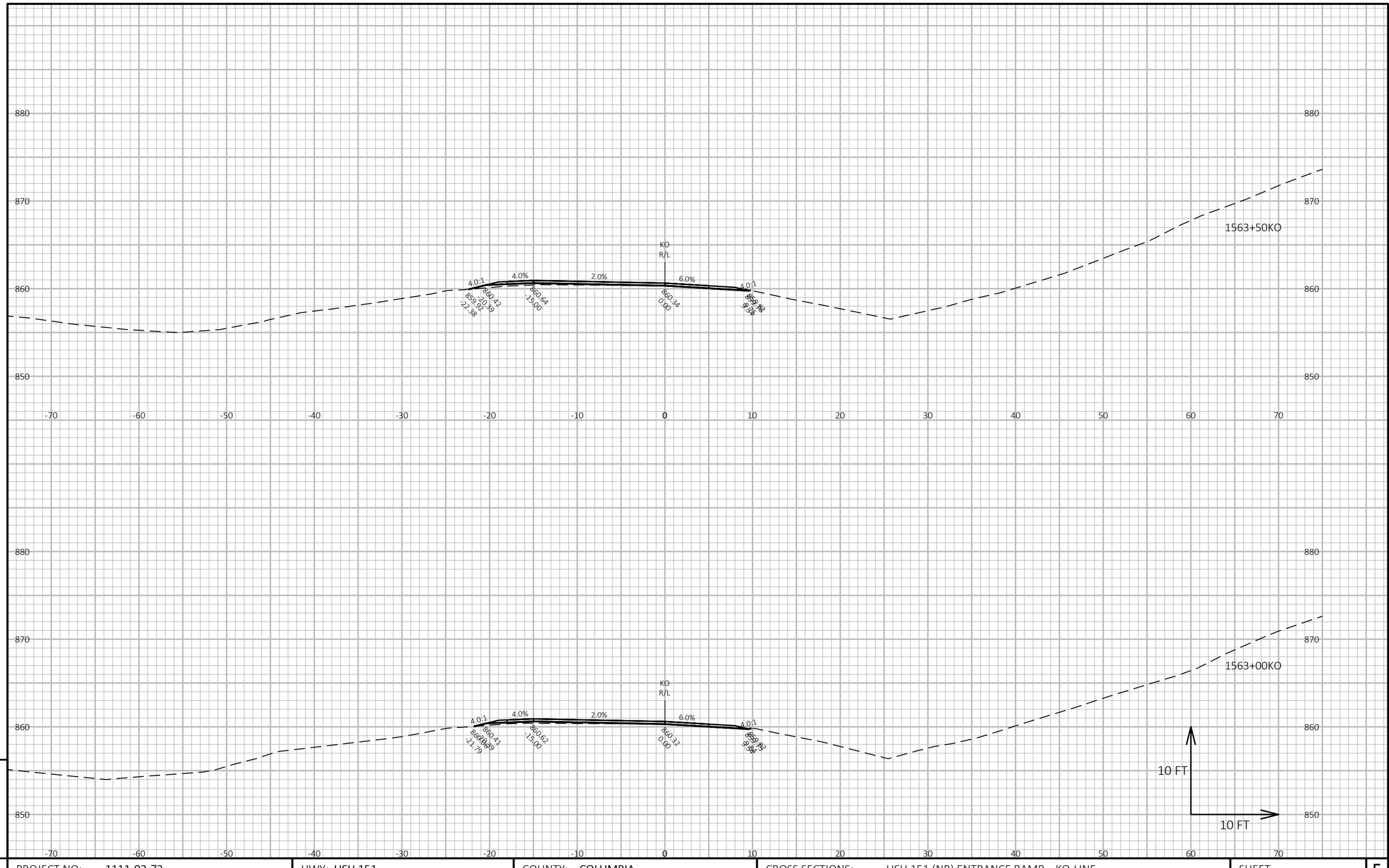


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (NB) ENTRANCE RAMP KO-LINE	SHEET 977 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73N.DWG
LAYOUT NAME - 090202_xs-KO

PLOT DATE : 4/24/2018 1:38 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (NB) ENTRANCE RAMP KO-LINE	SHEET 978	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73N.DWG
LAYOUT NAME - 090203_xs-KO

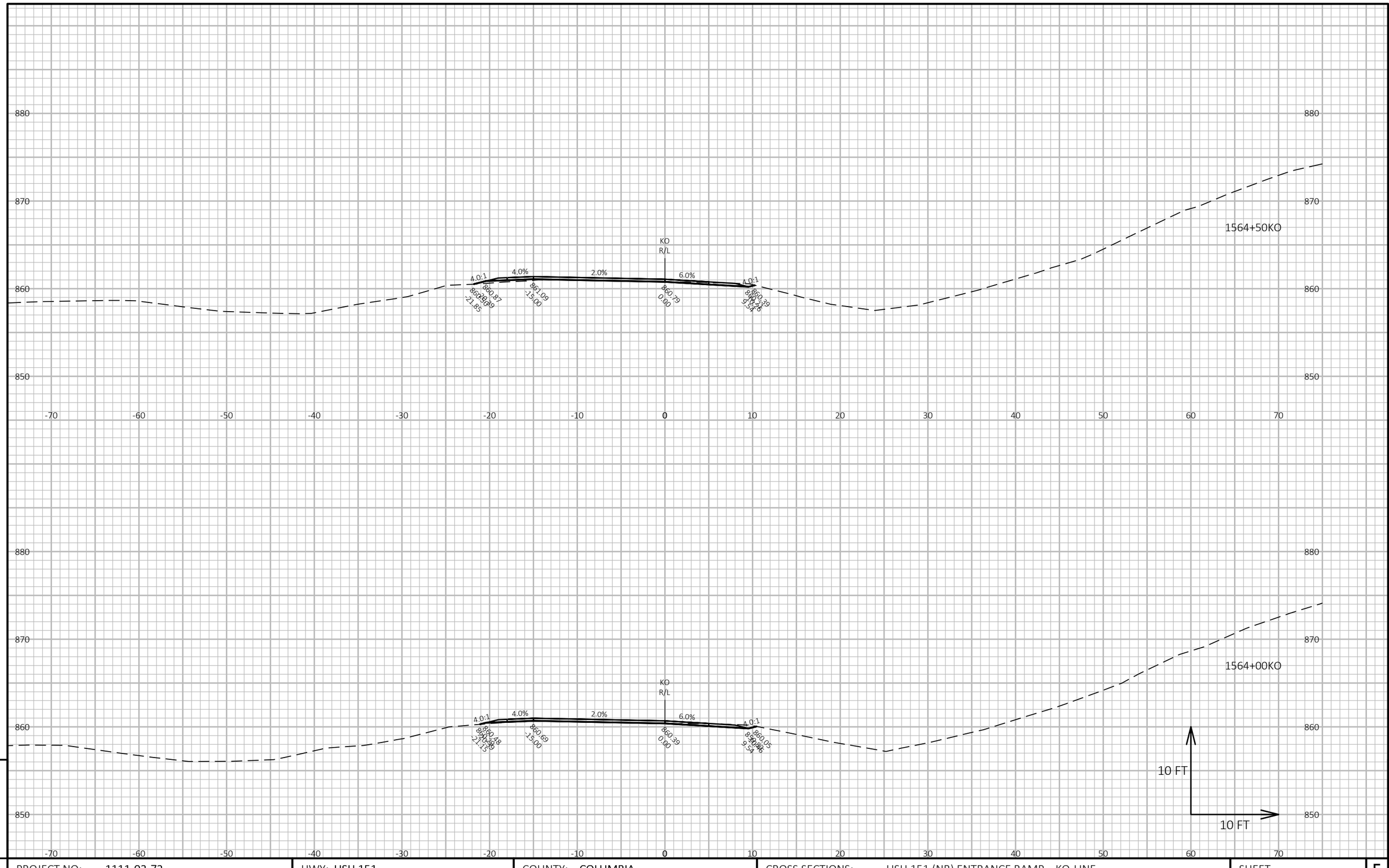
PLOT DATE : 4/24/2018 1:38 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

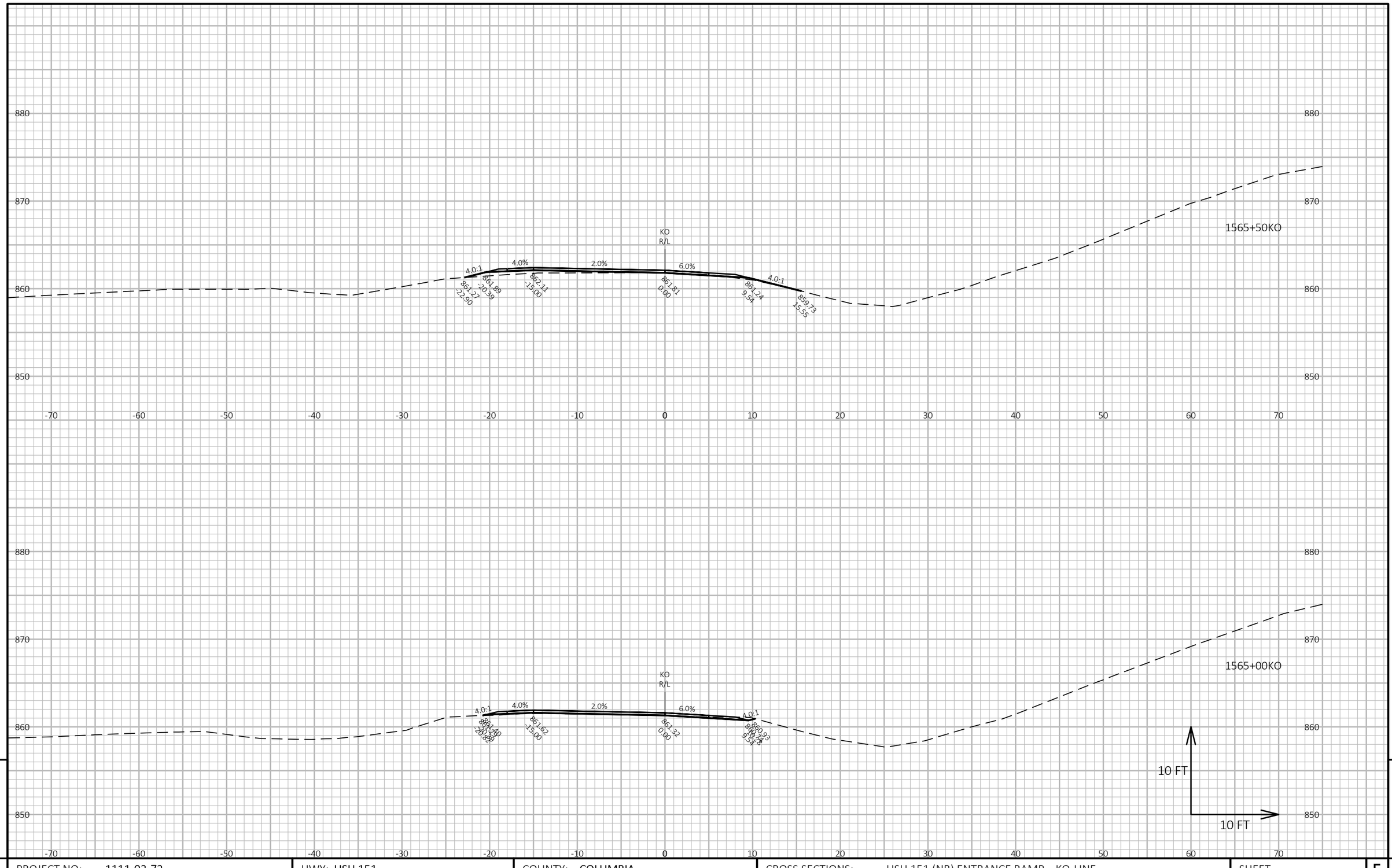


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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (NB) ENTRANCE RAMP KO-LINE	SHEET 979	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73N.DWG
LAYOUT NAME - 090204_xs-KO

PLOT DATE : 4/24/2018 1:38 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (NB) ENTRANCE RAMP KO-LINE	SHEET 980	E

9

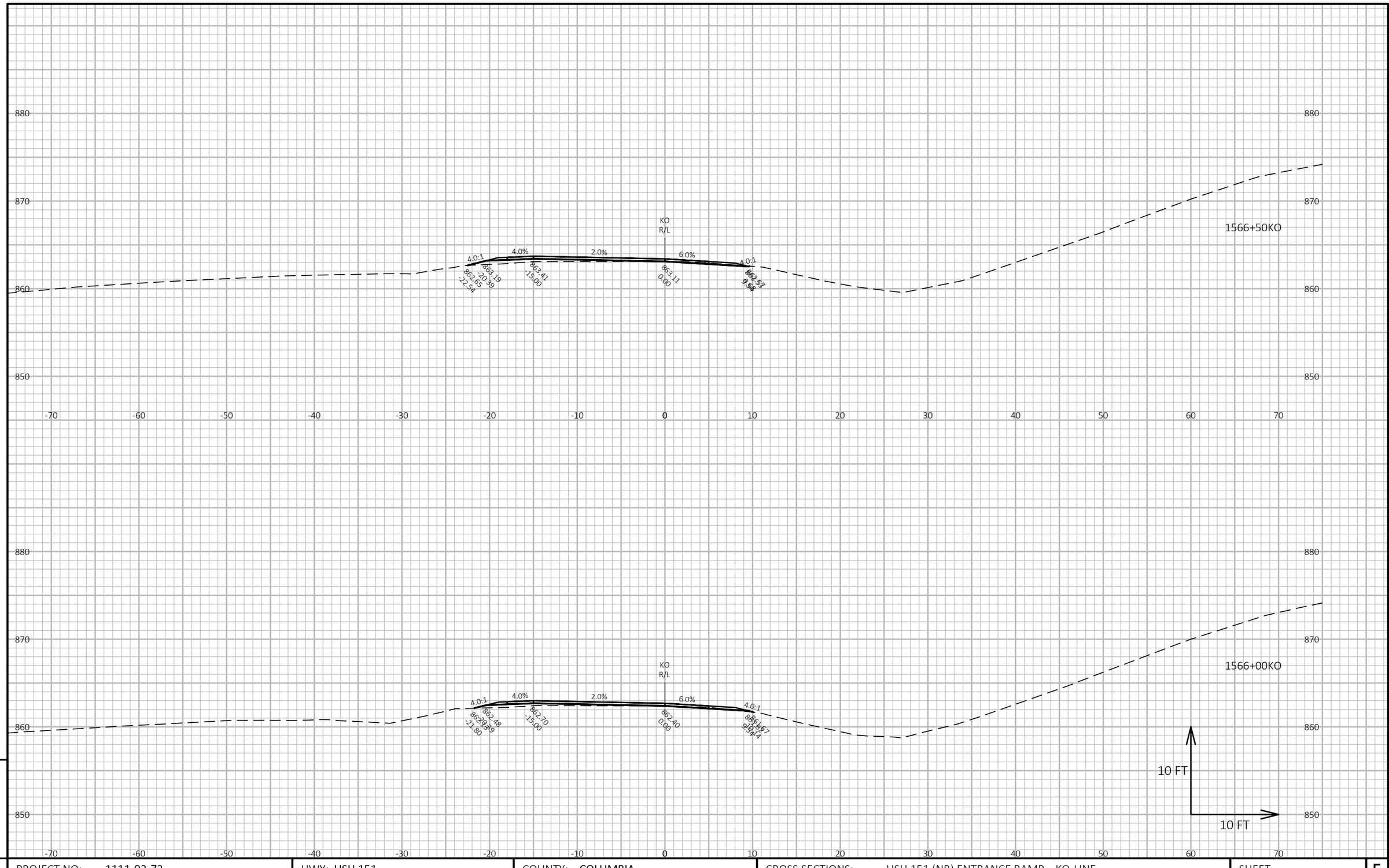
FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73N.DWG
LAYOUT NAME - 090205_xs-KO

PLOT DATE : 4/24/2018 1:38 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

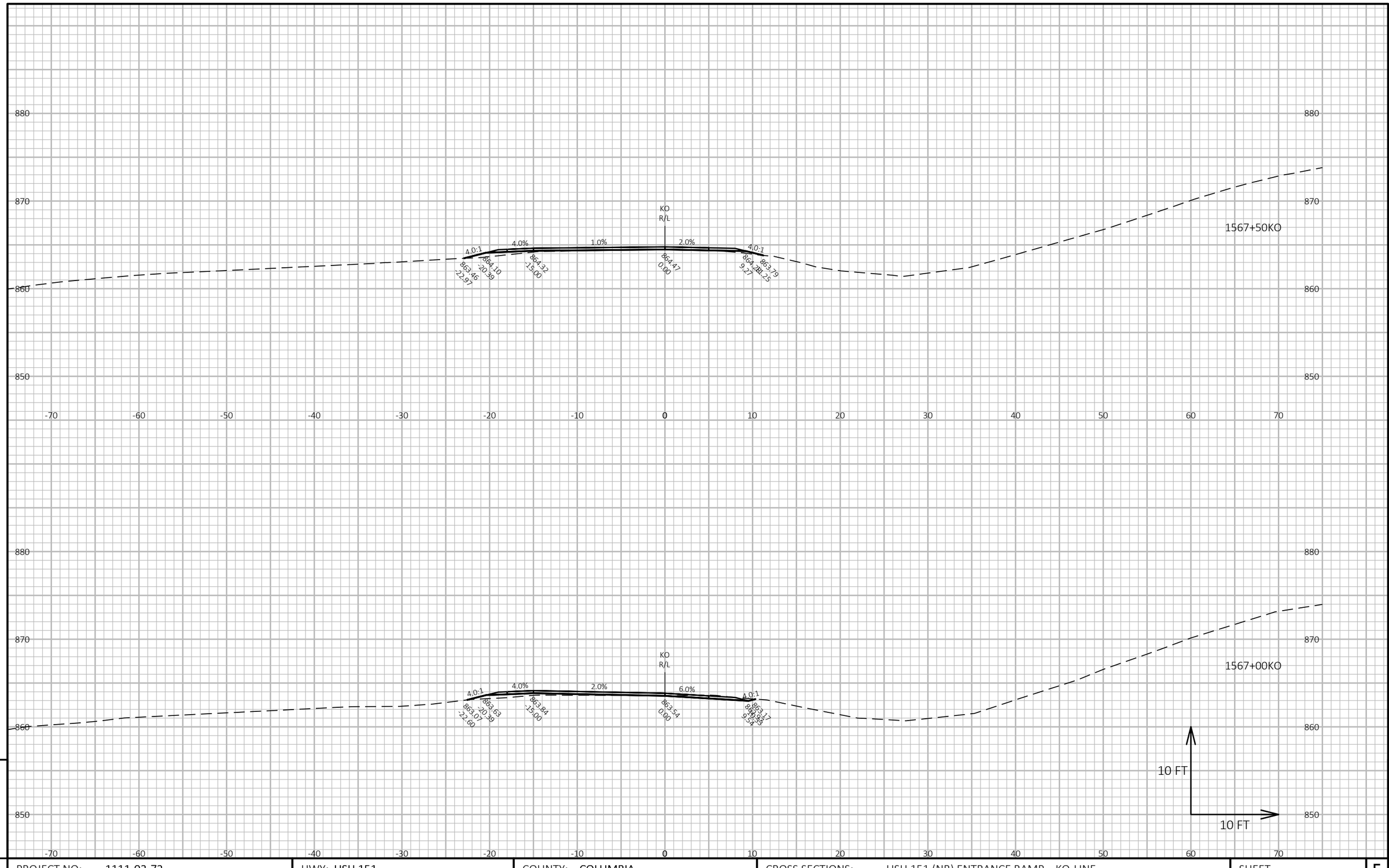


PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (NB) ENTRANCE RAMP KO-LINE	SHEET 981 E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73N.DWG
LAYOUT NAME - 090206_xs-KO

PLOT DATE : 4/24/2018 1:39 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (NB) ENTRANCE RAMP KO-LINE	SHEET 982	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73N.DWG
LAYOUT NAME - 090207_xs-KO

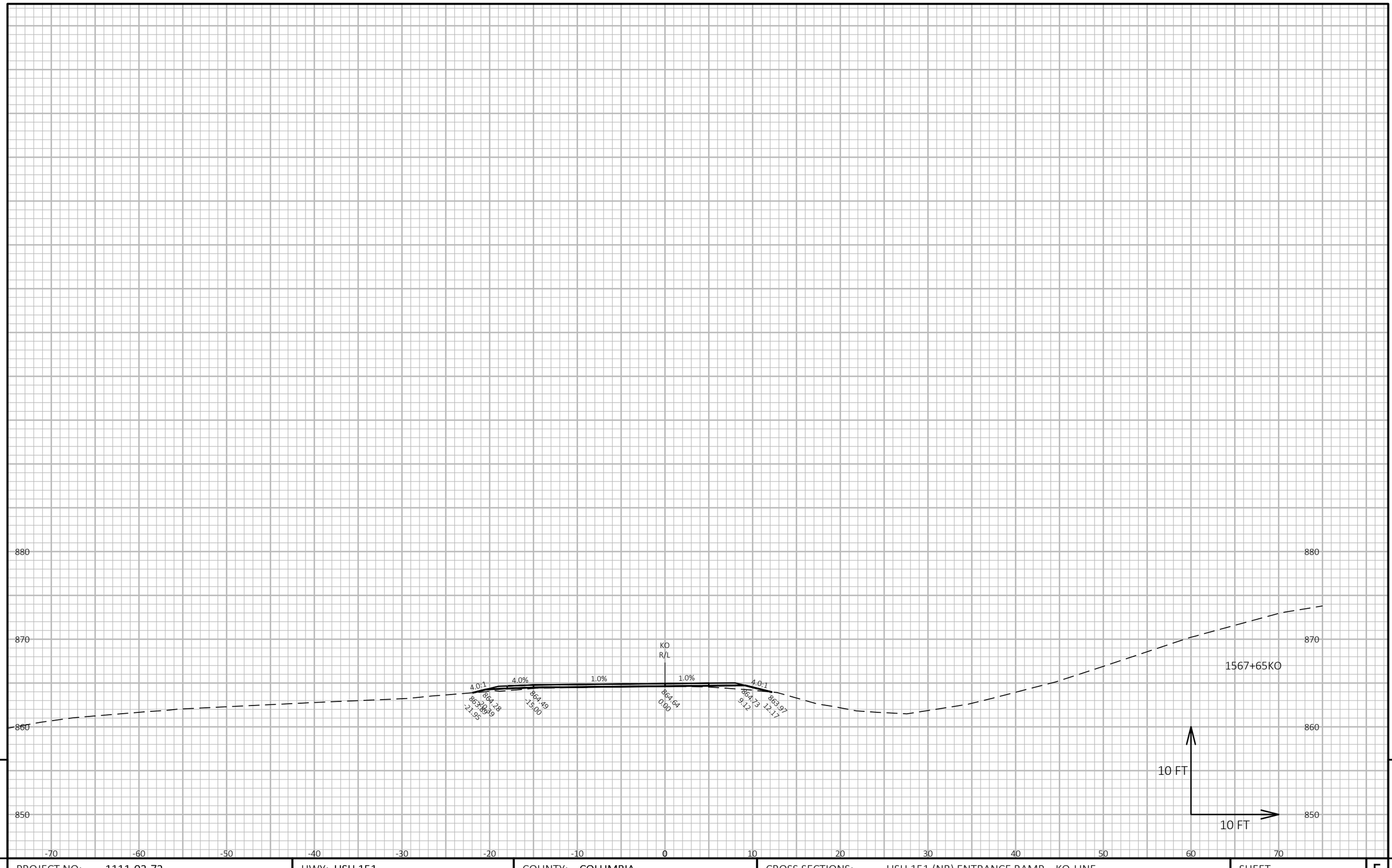
PLOT DATE : 4/24/2018 1:39 PM

PLOT BY : XIONG, NOU SOUA

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1111-03-72	HWY: USH 151	COUNTY: COLUMBIA	CROSS SECTIONS: USH 151 (NB) ENTRANCE RAMP KO-LINE	SHEET 983	E

FILE NAME : N:\PDS\C3D\11110302\SHEETSPLAN\11110372\090201_XS-STH 73N.DWG
LAYOUT NAME - 090208_xs-KO

PLOT DATE : 4/24/2018 1:39 PM PLOT BY : XIONG, NOU SOUA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

Wisconsin Department of Transportation

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