

PROJECT ID: 1640-03-72
WITH: N/A

COUNTY: VERNON

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 =



DESIGN DESIGNATION

A.A.D.T.	2022	=	5,050
A.A.D.T.	2042	=	6,000
D.H.V.	2042	=	228
D.D.		=	57/33
T.		=	9.3%
DESIGN SPEED		=	55 MPH
ESALS		=	2,200,000

CONVENTIONAL SYMBOLS

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

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

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

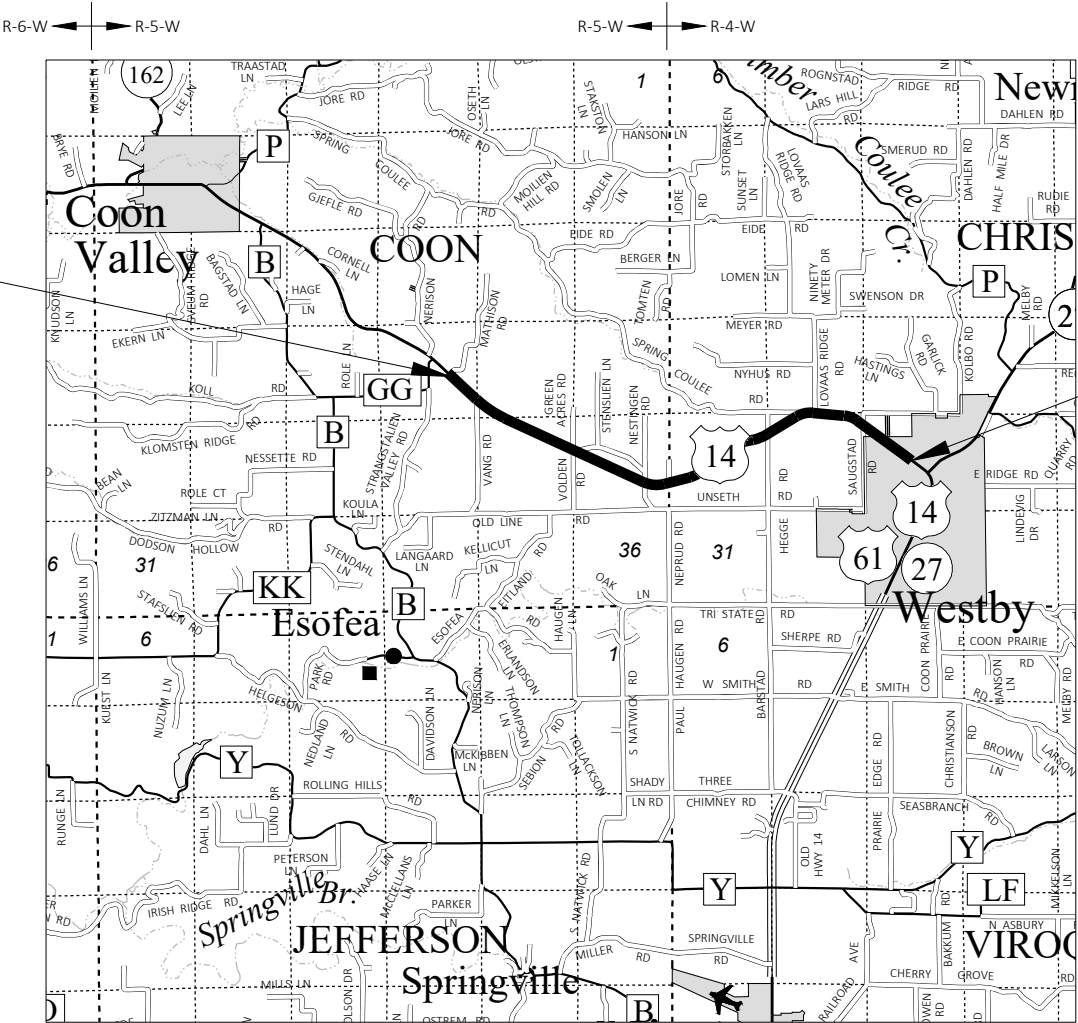
LA CROSSE - WESTBY

.17M E MATHISON LN TO HIGH ECHO LN

USH 14

VERNON COUNTY

STATE PROJECT NUMBER
1640-03-72



BEGIN PROJECT
STA 430+00.00
Y= 191,332.729
X= 684,993.881

END PROJECT
STA 707+87.00
Y= 187,381.652
X= 709,539.718

LAYOUT
SCALE 0 2 MI

TOTAL NET LENGTH OF CENTERLINE = 5.263 MI

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), VERNON COUNTY, NAD83 (2011), IN U.S. SURVEY FEET. POSITIONS SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES ARE THE SAME AS GROUND DISTANCES. ELEVATIONS ARE REFERENCED TO NAVD 88 (2012). GPS DERIVED ELEVATIONS ARE BASED ON GEOID 12A.

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1640-03-72		

TRANS 220
PROJECT PLAN
FOR
DESIGN OF UTILITY FACILITY
ALTERATIONS OR RELOCATIONS

Date: SUBMITTAL #1 - 11/30/2020

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY	
Surveyor	NER
Designer	G. WILLIAMS
Project Manager	K. TREML
Regional Examiner	
Regional Supervisor	R. WAGNER

APPROVED FOR THE DEPARTMENT
DATE: (Signature)

E

GENERAL NOTES

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

ORDER OF SECTION 2 DETAIL SHEETS

- GENERAL NOTES
- TYPICAL SECTIONS
- CONSTRUCTION DETAILS
- PLAN DETAILS
- TRAFFIC CONTROL
- DETOUR PLAN
- ALIGNMENT PLAN

DNR LIAISON

KAREN KALVELAGE
(NORTHWEST-CRAWFORD, JUNEAU, LA CROSSE, MONROE, VERNON)
3550 MORMON COULEE RD
LA CROSSE, WI 54601
(608) 785-9115
karen.kalvelage@wisconsin.gov

COUNTY HIGHWAY COMMISSIONER

PHIL HEWITT
602 N MAIN ST
PO BOX 232
VIROQUA, WI 54665-0232
(608) 637-5451
phil.hewitt@vernoncounty.org

NE REGION SURVEY COORDINATOR

CORMAC MCINNIS, RLS
944 VANDERPERREN WAY
GREEN BAY, WI 54304
(920) 492-5638
cormac.mcinnis@dot.wi.gov

NE REGION DESIGN PROJECT MANAGER

KYLE TREML, PE
944 VANDERPERREN WAY
GREEN BAY, WI 54304
(920) 492-5638
kyle.treml@dot.wi.gov

UTILITIES CONTACTS

RANDY RISEN (PRIMARY CONTACT)
MIDWEST NATURAL GAS, INC. - GAS/PETROLEUM
3600 STATE HIGHWAY 157
PO BOX 429
LA CROSSE, WI 54602-0429
(608) 781-1011
randyr@midwestnaturalgas.com

SCOTT FREDERICK (PRIMARY CONTACT)
VERNON COMMUNICATIONS COOPERATIVE - COMMUNICATION LINE
103 N MAIN ST
WESTBY, WI 54667
(608) 634-3136
sfrederick@vernoncom.coop

RON JANZEN (PRIMARY CONTACT)
WESTBY CITY OF MUN ELEC & WTR UTY - WATER
200 N MAIN ST
WESTBY, WI 54667
(608) 634-3416
rjanzen@wppienergy.org

CRAIG EGGERT (PRIMARY CONTACT)
MEDIACOM WISCONSIN LLC - COMMUNICATION LINE
1240 HIGHWAY 52
CHATFIELD, MN 55923
(563) 419-5160
ceggert@mediacomcc.com

RON JANZEN (PRIMARY CONTACT)
WESTBY CITY OF MUN ELEC & WTR UTY - ELECTRICITY
200 N MAIN ST
WESTBY, WI 54667
(608) 634-3416
rjanzen@wppienergy.org



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

EMERGENCY CONTACT NUMBERS FOR WISCONSIN POWER AND LIGHT COMPANY

ELECTRIC 24 HOUR EMERGENCY SERVICE: 1-800-862-6261
GAS 24 HOUR EMERGENCY SERVICE: 1-800-862-6263

EMERGENCY CONTACT NUMBERS FOR WISCONSIN PUBLIC SERVICE

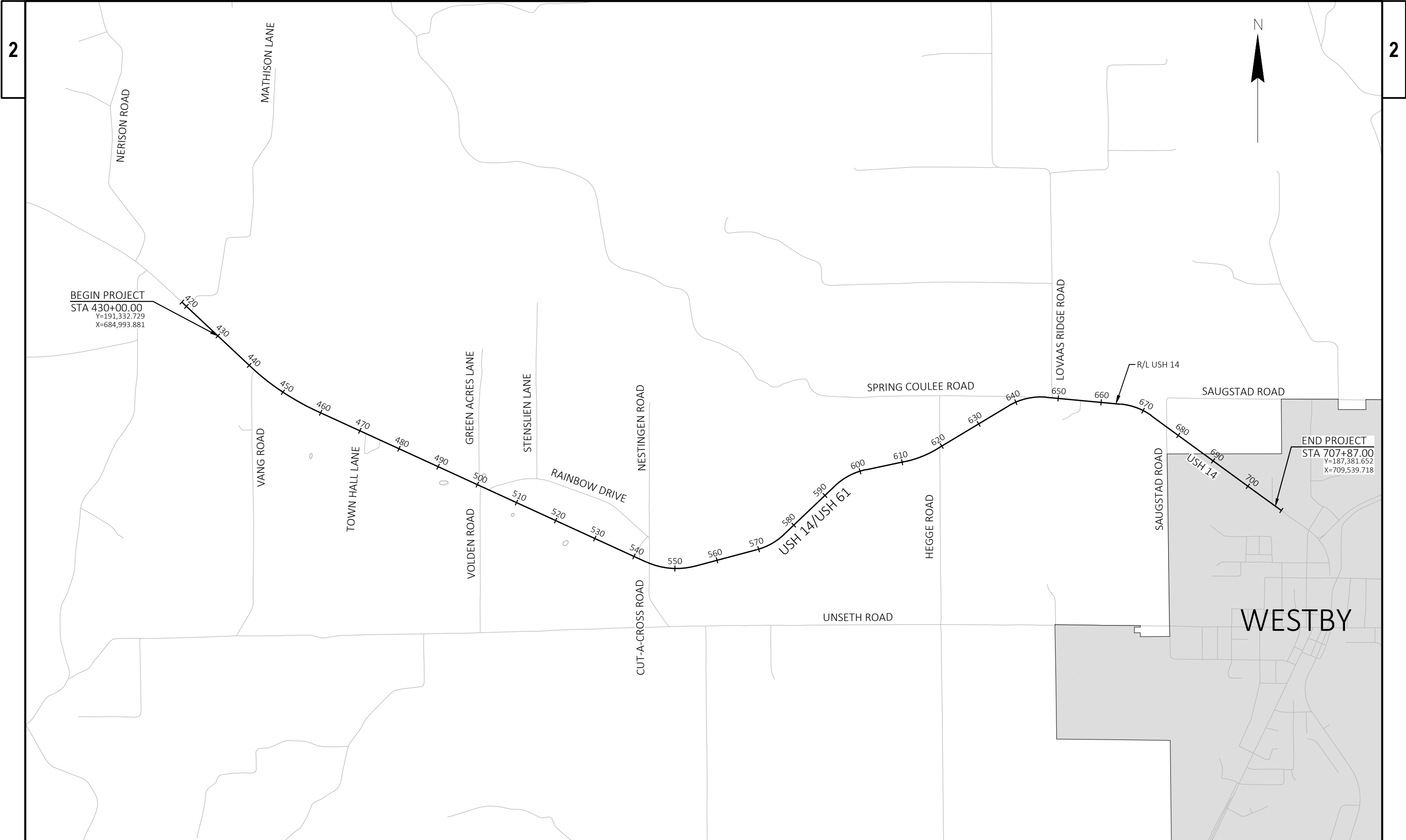
ELECTRIC 24 HOUR EMERGENCY SERVICE: 1-800-450-7240
GAS 24 HOUR EMERGENCY SERVICE: 1-800-450-7280

EMERGENCY CONTACT NUMBERS FOR WE ENERGIES
ELECTRIC 24 HOUR EMERGENCY SERVICE: 1-800-662-4797
GAS 24 HOUR EMERGENCY SERVICE: 1-800-261-5325

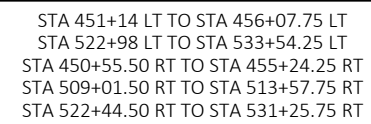
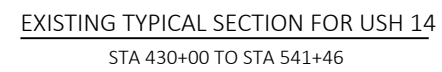
RUNOFF COEFFICIENT TABLE

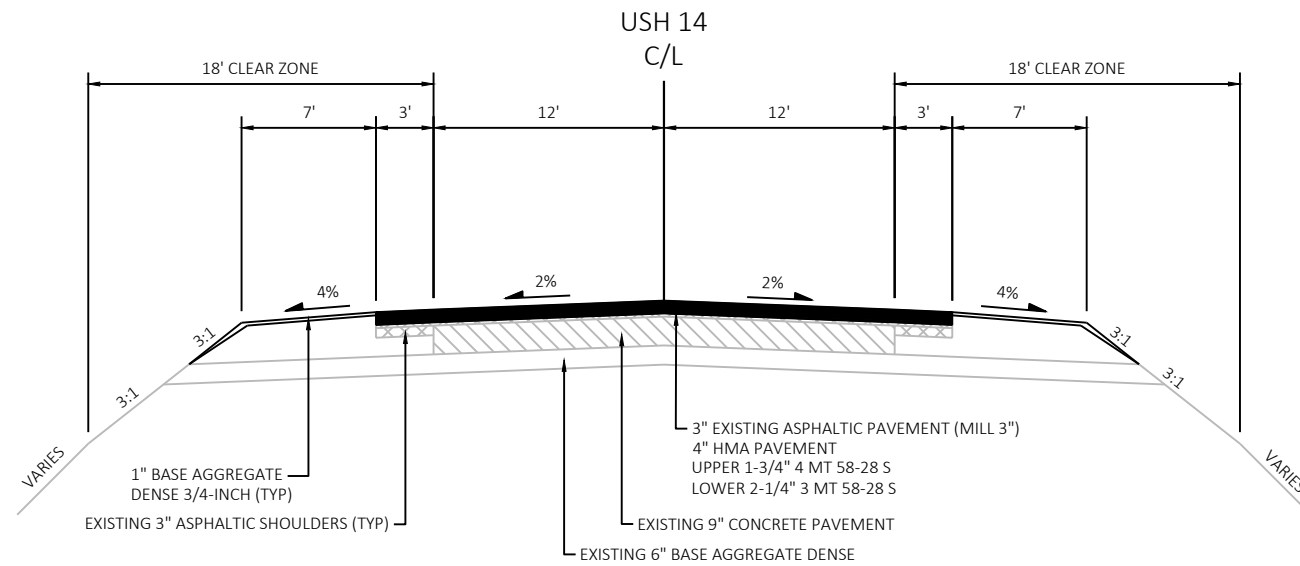
	HYDROLOGIC SOIL GROUP											
	A			B			C			D		
	SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)		
LAND USE:	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER
ROW CROPS	.08	.16	.22	.12	.20	.27	.15	.24	.33	.19	.28	.38
	.22	.30	.38	.26	.34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

TOTAL PROJECT AREA = _____ ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = _____ ACRES

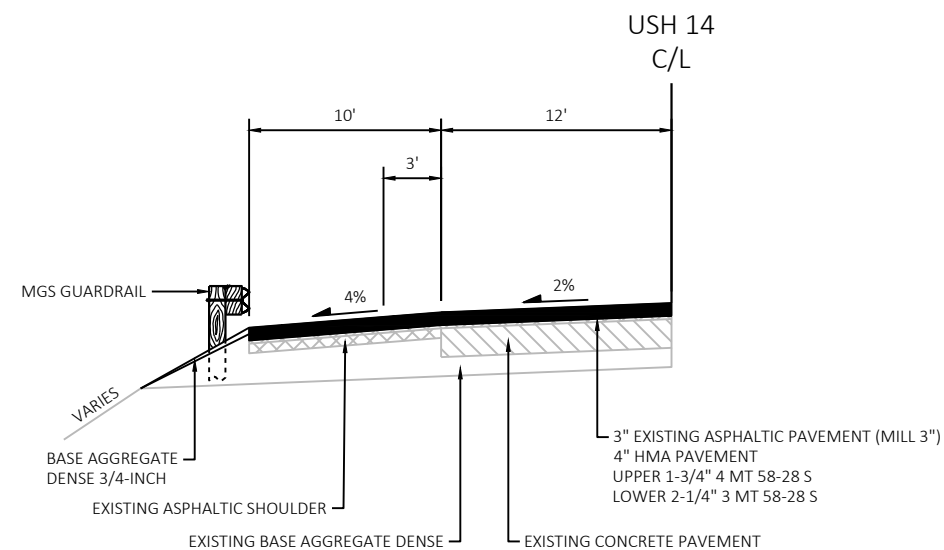


PROJECT NO: 1640-03-72	HWY: USH 14	COUNTY: VERNON	PROJECT OVERVIEW	SHEET	E
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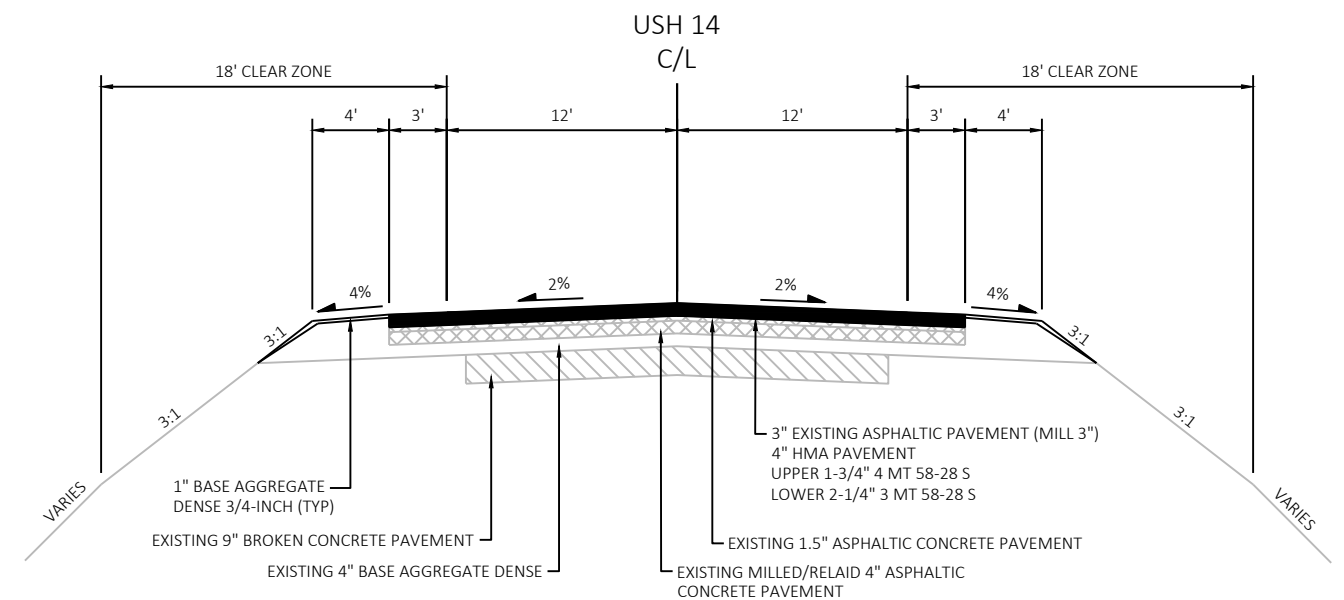




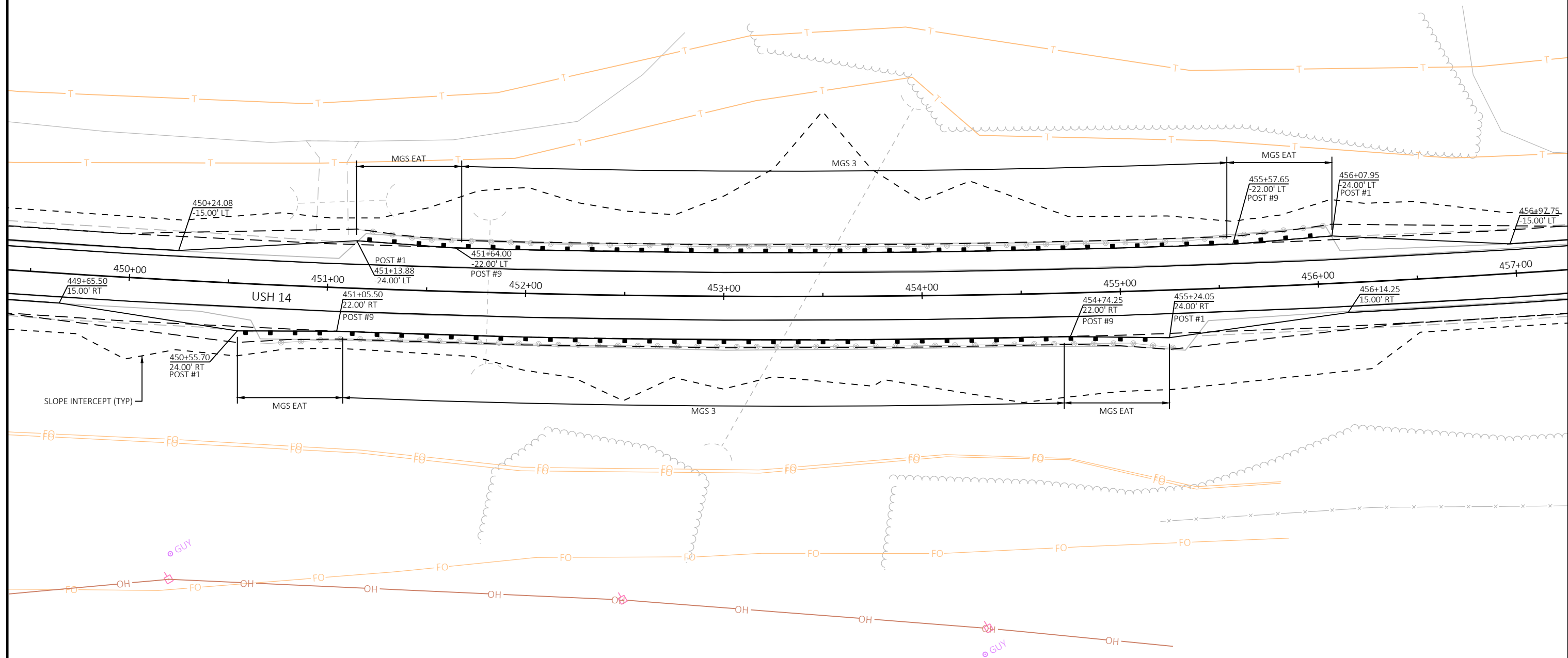
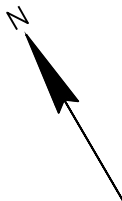
FINISHED TYPICAL SECTION FOR USH 14
STA 430+00 TO STA 541+46

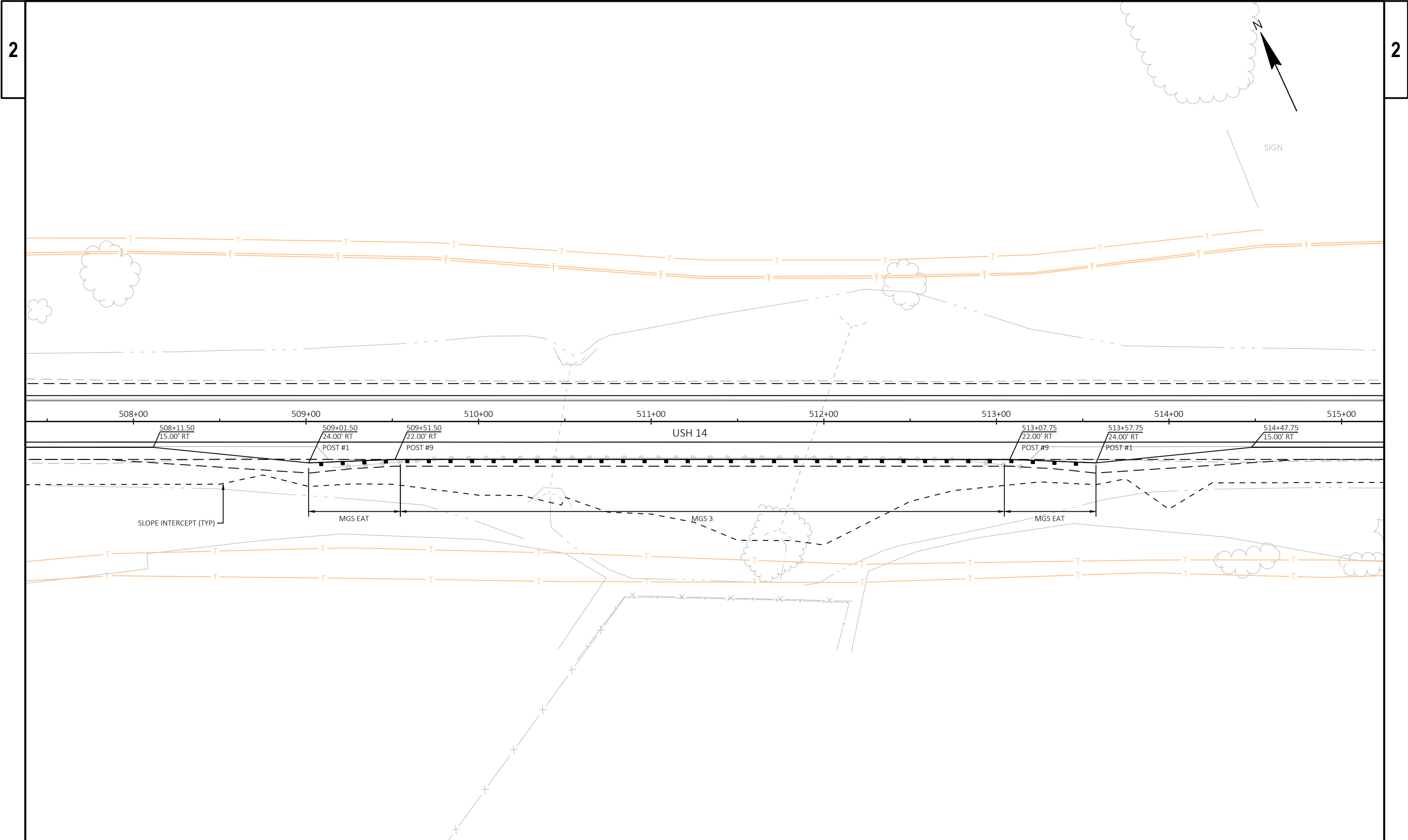


FINISHED TYPICAL BEAM GUARD SECTION
STA 451+14 LT TO STA 456+07.75 LT
STA 522+98 LT TO STA 533+54.25 LT
STA 450+55.50 RT TO STA 455+24.25 RT
STA 509+01.50 RT TO STA 513+57.75 RT
STA 522+44.50 RT TO STA 531+25.75 RT

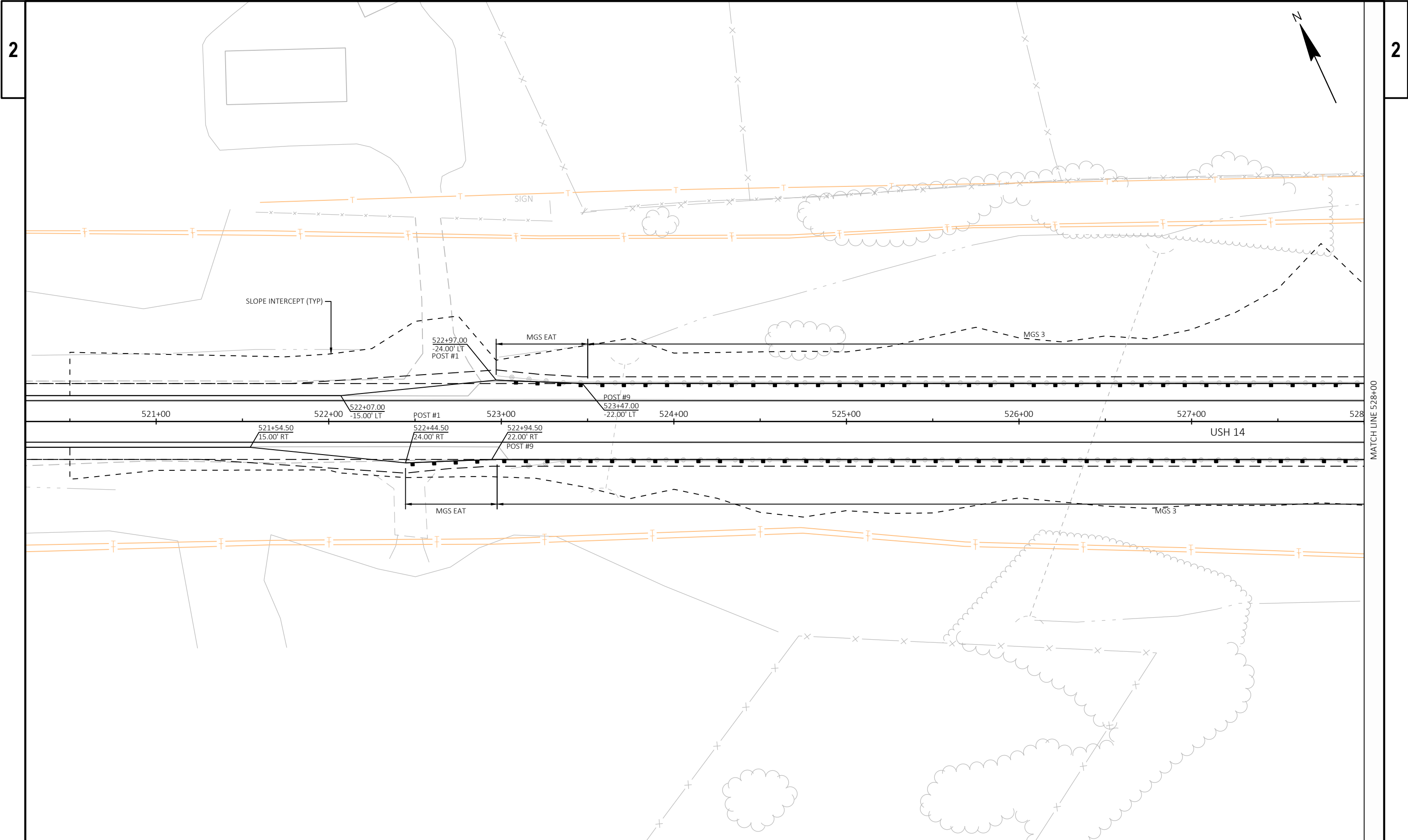


FINISHED TYPICAL SECTION FOR USH 14
STA 541+46 TO STA 707+87





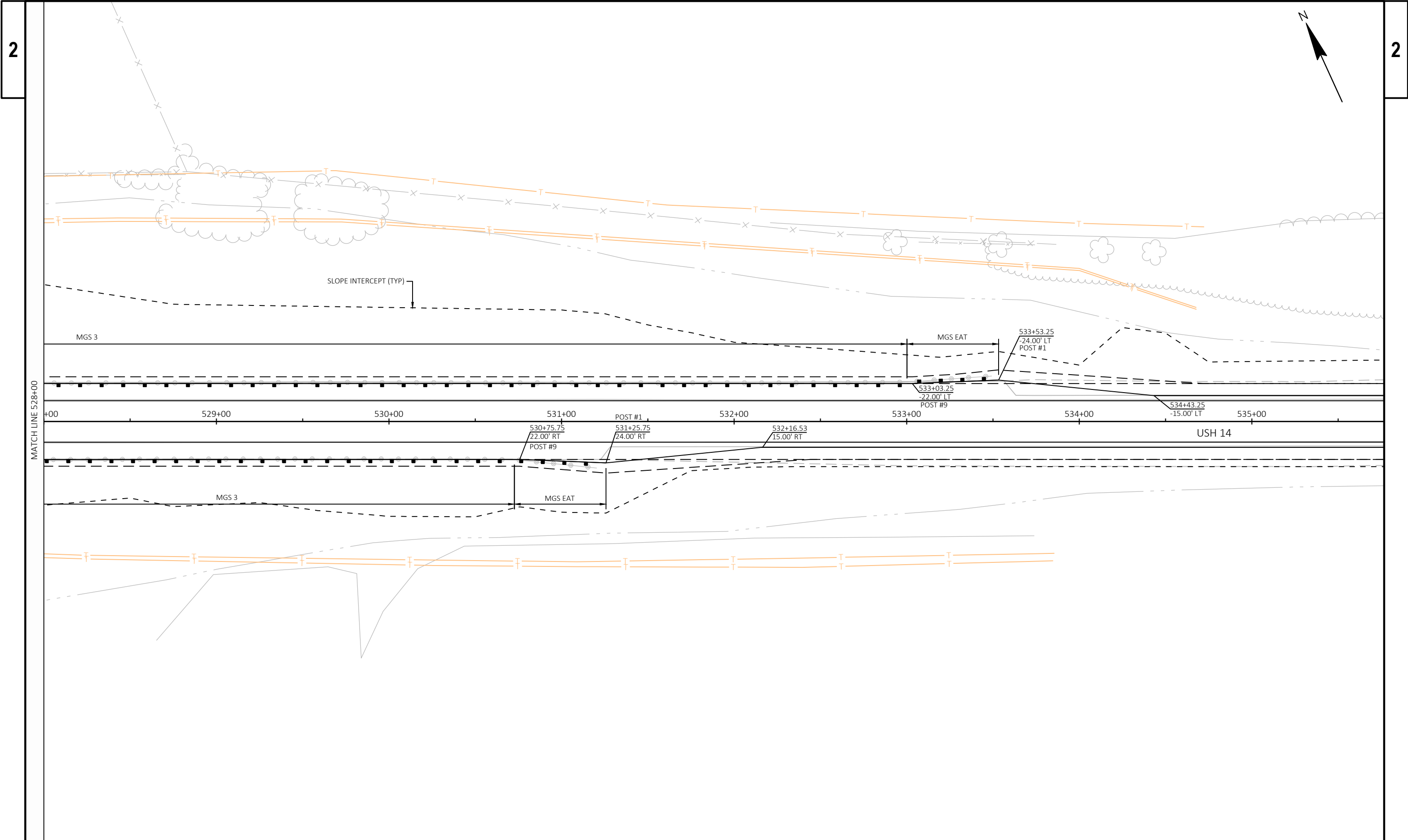
PROJECT NO: 1640-03-72	HWY: USH 14	COUNTY: VERNON	PLAN DETAILS	SHEET	E
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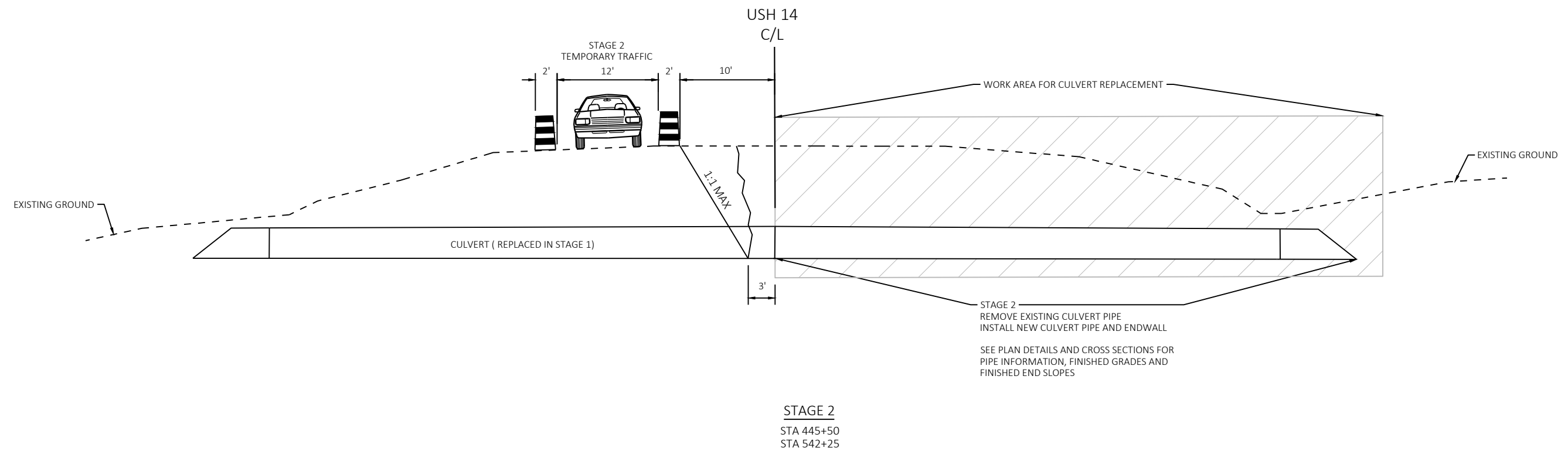
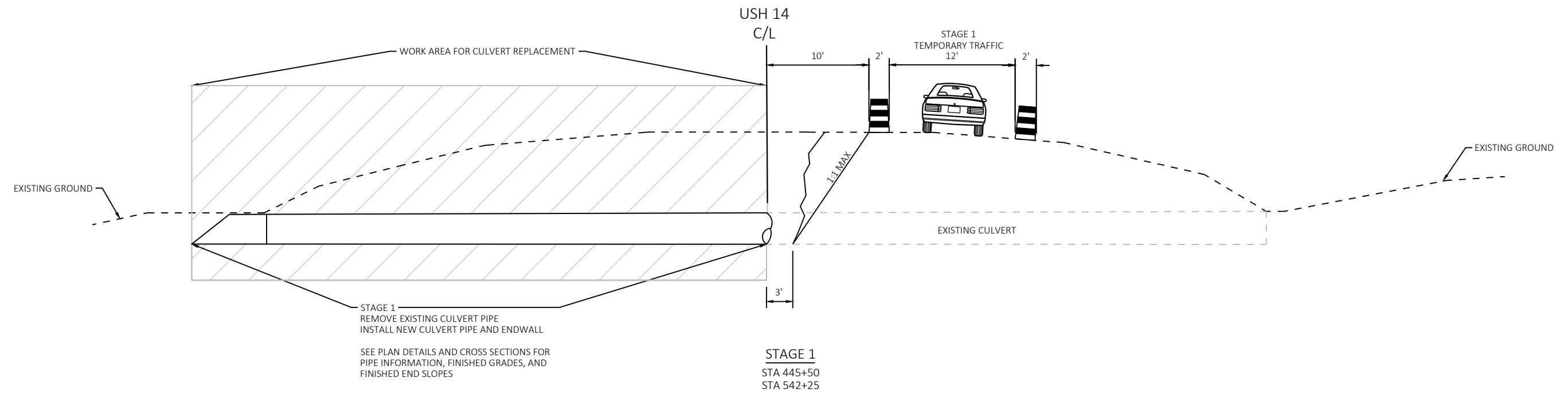
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PROJECT NO: 1640-03-72	HWY: USH 14	COUNTY: VERNON	PLAN DETAILS	SHEET	E
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PROJECT NO: 1640-03-72	HWY: USH 14	COUNTY: VERNON	PLAN DETAILS	SHEET	E
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CULVERT PIPE REPLACEMENT HALF AT A TIME
WITH FLAGGING OPERATIONS

PROJECT NO: 1640-03-72

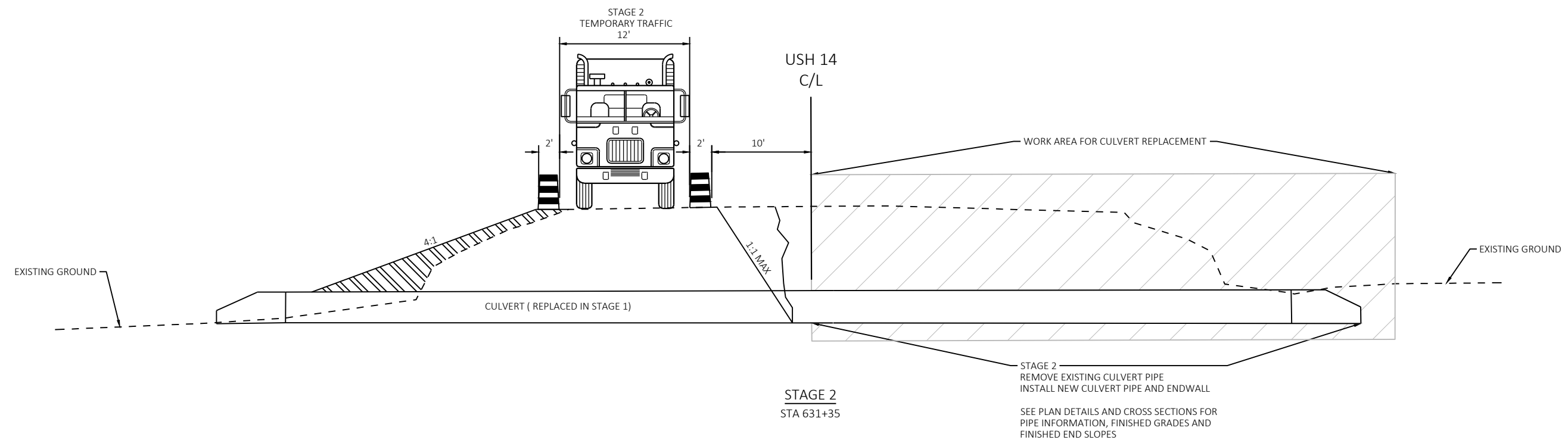
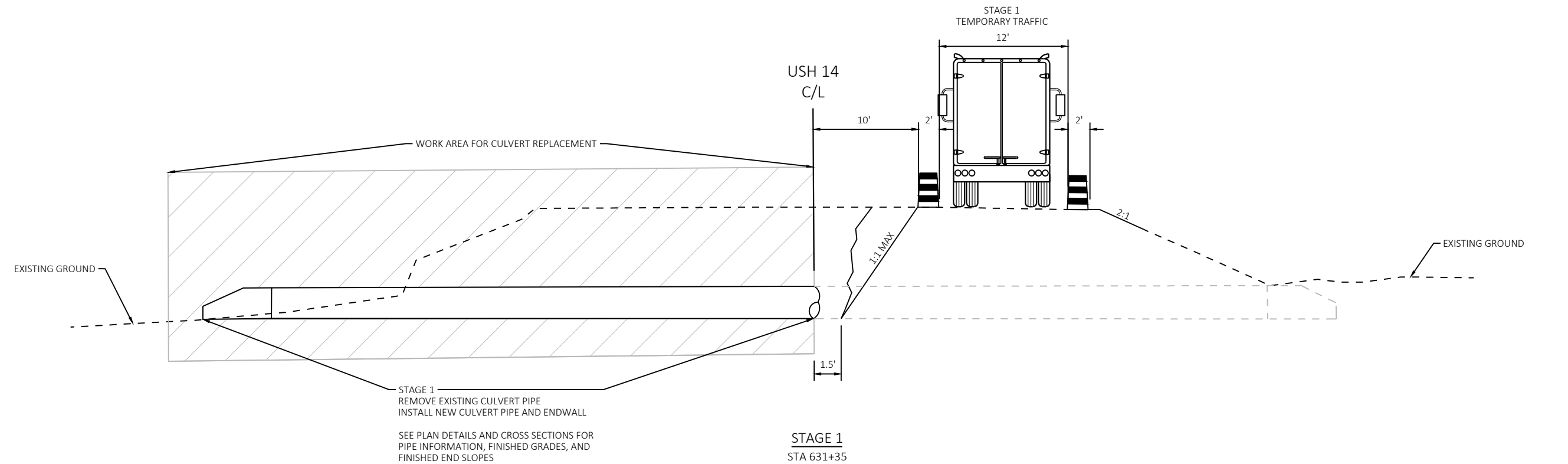
HWY: USH 14

COUNTY: VERNON

TRAFFIC CONTROL-FLAGGING TEMPORARY LANE SHIFT DETAL

SHEET

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CULVERT PIPE REPLACEMENT HALF AT A TIME
WITH FLAGGING OPERATIONS

PROJECT NO: 1640-03-72

HWY: USH 14

COUNTY: VERNON

TRAFFIC CONTROL-FLAGGING TEMPORARY LANE SHIFT DETAIL

SHEET

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CATEGORY	STATION	TO STATION	OFFSET	LOCATION	455.0605 TACK COAT GAL	460.6223 HMA PAVEMENT 3 MT 58-28 S TON	460.6224 HMA PAVEMENT 4 MT 58-28 S TON	REMARKS
0010	430+00	441+73	LT/RT	US 14	469	492	383	PROJECT BEGIN TO VANG RD
	441+73	471+68	LT/RT	US 14	1198	1258	979	VANG RD TO TOWN HALL RD
	471+68	500+51	LT/RT	US 14	1153	1211	942	TOWN HALL RD TO VOLDEN RD / GREEN ACRES RD
	500+51	503+02	LT/RT	US 14	100	105	82	VOLDEN RD / GREEN ACRES RD TO RAINBOW DR
	503+02	543+93	LT/RT	US 14	1637	1718	1337	RAINBOW DR TO CUT-A-CROSS RD / NESTINGEN RD
	543+93	551+02	LT/RT	US 14	284	298	232	CUT-A-CROSS RD / NESTINGEN RD TO PAULSON LN
	551+02	557+75	LT/RT	US 14	269	283	220	PAULSON LN TO ALLEN DR
	557+75	619+32	LT/RT	US 14	2463	2586	2011	ALLEN DR TO HEGGE RD
	619+32	642+84	LT/RT	US 14	941	988	768	HEGGE RD TO SPRING COULEE RD
	642+84	648+55	LT/RT	US 14	229	240	187	SPRING COULEE RD TO LOVAS RIDGE RD
	648+55	676+62	LT/RT	US 14	1123	1179	917	LOVAS RIDGE RD TO SAUGSTAD RD
	676+62	707+87	LT/RT	US 14	1250	1313	1021	SAUGSTAD RD TO PROJECT END
	VANG RD		RT		64	67	73	
	TOWN HALL LN		RT		17	18	80	
	VOLDEN RD		RT		49	51	39	
	GREEN ACRES RD		LT		68	71	39	Includes shoulder between Green Acres and Rainbow Dr
	RAINBOW DR		LT		53	55	39	
	CUT-A-CROSS RD		RT		78	82	40	
	NESTINGEN RD		LT		51	53	40	
	PAULSON LN		LT		45	48	65	
	ALLEN DR		LT		45	47	39	
	HEGGE RD		LT/RT		71	75	40	
	SPRING COULEE RD		LT/RT		45	47	40	
	LOVAS RIDGE RD		LT		52	54	70	
	SAUGSTAD RD		LT/RT		98	103	80	
	HIGH ECHO LN		LT		37	39	88	

TOTAL 11886 12481 9852

SAWING PAVEMENT SUMMARY

CATEGORY	LOCATION	OFFSET	690.0150 LF
0010	VANG RD	RT	33
	TOWN HALL LN	RT	37
	VOLDEN RD	RT	24
	GREEN ACRES RD	LT	20
	RAINBOW DR	LT	22
	CUT-A-CROSS RD	RT	26
	NESTINGEN RD	LT	26
	PAULSON LN	LT	20
	ALLEN DR	LT	17
	HEGGE RD	LT/RT	81
	SPRING COULEE RD	LT/RT	48
	LOVAS RIDGE RD	LT	28
	SAUGSTAD RD	LT/RT	52
	HIGH ECHO LN	LT	43

TOTAL 477

REMOVING ASPHALTIC SURFACE BUTT JOINTS

CATEGORY	LOCATION	OFFSET	204.0115 SY
0010	US 14	LT/RT	57
	VANG RD	RT	73
	TOWN HALL LN	RT	82
	VOLDEN RD	RT	53
	GREEN ACRES RD	LT	44
	RAINBOW DR	LT	49
	CUT-A-CROSS RD	RT	58
	NESTINGEN RD	LT	58
	PAULSON LN	LT	44
	ALLEN DR	LT	38
	HEGGE RD	LT/RT	180
	SPRING COULEE RD	LT/RT	107
	LOVAS RIDGE RD	LT	62
	SAUGSTAD RD	LT/RT	116
	HIGH ECHO LN	LT	96
	US 14	LT/RT	57

TOTAL 1060

REMOVING ASPHALTIC SURFACE SUMMARY

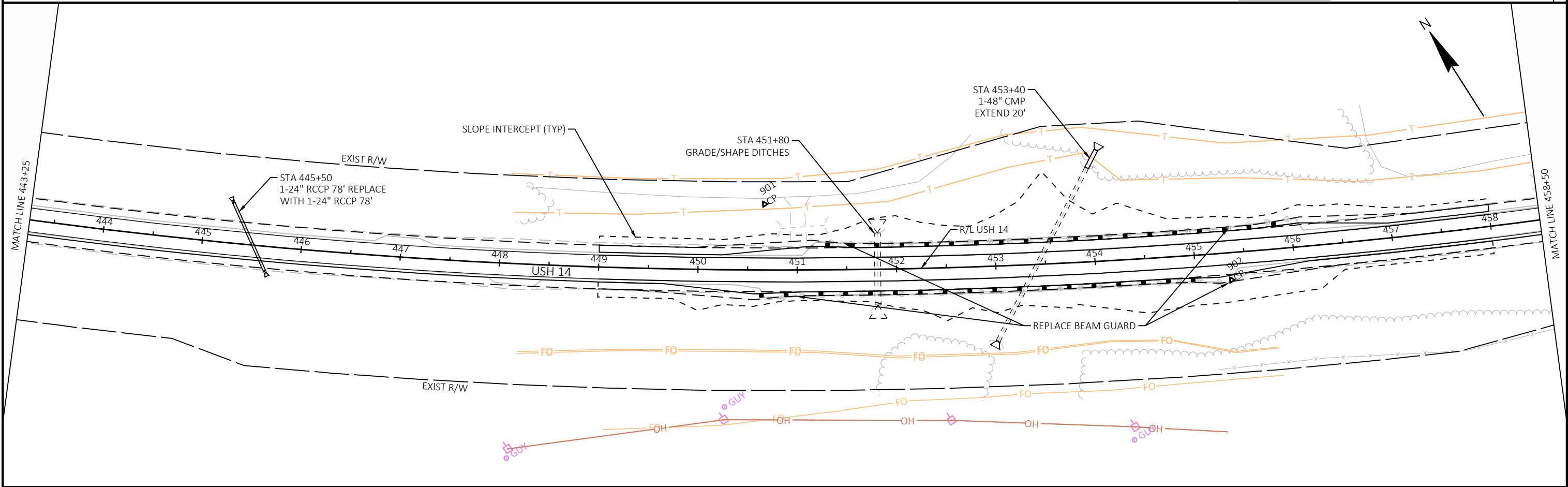
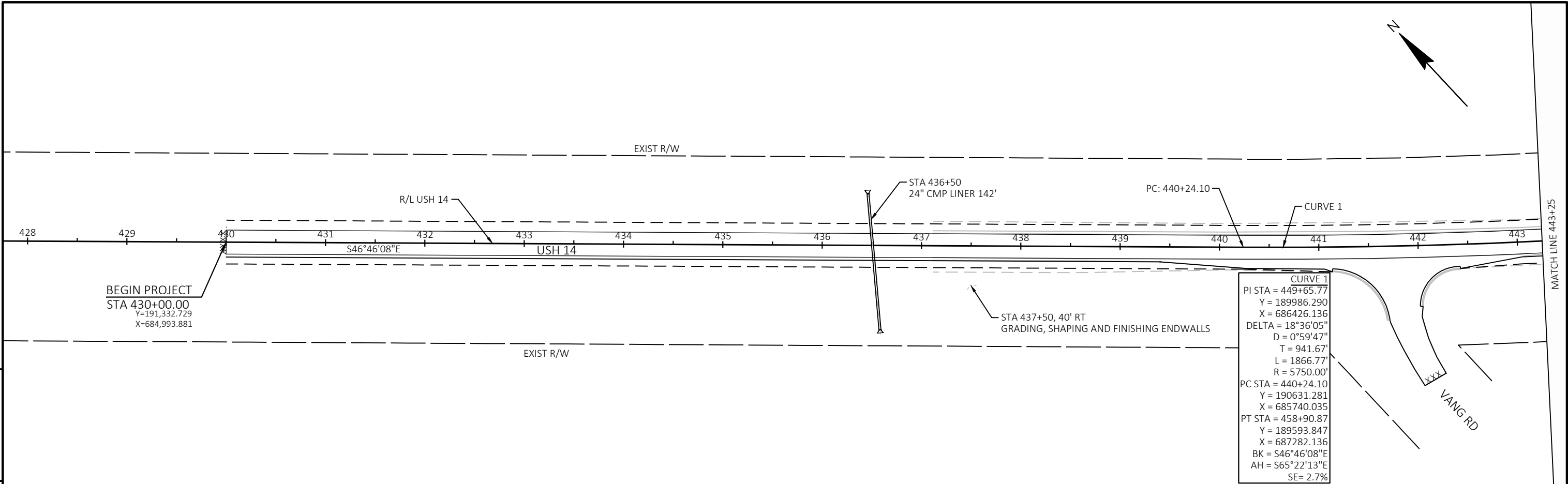
CATEGORY	STATION TO STATION	LOCATION	204.0120 REMOVING ASPHALTIC SURFACE MILLING SY	204.0115 REMOVING ASPHALTIC SURFACE BUTT JOINTS SY	204.0110 REMOVING ASPHALTIC SURFACE SY	REMARKS
0010	430+00 - 441+73	LT/RT	3908			PROJECT BEGIN TO VANG RD
	441+73 - 471+68	LT/RT	9986			VANG RD TO TOWN HALL RD
	471+68 - 500+51	LT/RT	9609			TOWN HALL RD TO VOLDEN RD / GREEN ACRES RD
	500+51 - 503+02	LT/RT	836			VOLDEN RD / GREEN ACRES RD TO RAINBOW DR
	503+02 - 543+93	LT/RT	13638			RAINBOW DR TO CUT-A-CROSS RD / NESTINGEN RD
	543+93 - 551+02	LT/RT	2468			CUT-A-CROSS RD / NESTINGEN RD TO PAULSON LN
	551+02 - 557+75	LT/RT	2244			PAULSON LN TO ALLEN DR
	557+75 - 619+32	LT/RT	20523			ALLEN DR TO HEGGE RD
	619+32 - 642+84	LT/RT	7838			HEGGE RD TO SPRING COULEE RD
	642+84 - 648+55	LT/RT	1906			SPRING COULEE RD TO LOVAS RIDGE RD
	648+55 - 676+62	LT/RT	9355			LOVAS RIDGE RD TO SAUGSTAD RD
	676+62 - 707+87	LT/RT	10418			SAUGSTAD RD TO HIGH ECHO LN / PROJECT END
	VANG RD	RT	534			
	TOWN HALL LN	RT	142			
	VOLDEN RD	RT	404			
	GREEN ACRES RD	LT	565			Includes shoulder between Green Acres and Rainbow Dr
	RAINBOW DR	LT	440			
	CUT-A-CROSS RD	RT	648			
	NESTINGEN RD	LT	423			
	PAULSON LN	LT	377			
	ALLEN DR	LT	372			
	HEGGE RD	LT/RT	594			
	SPRING COULEE RD	LT/RT	374			
	LOVAS RIDGE RD	LT	429			
	SAUGSTAD RD	LT/RT	816			
	HIGH ECHO LN	LT	308			

TOTAL 99157 0 0

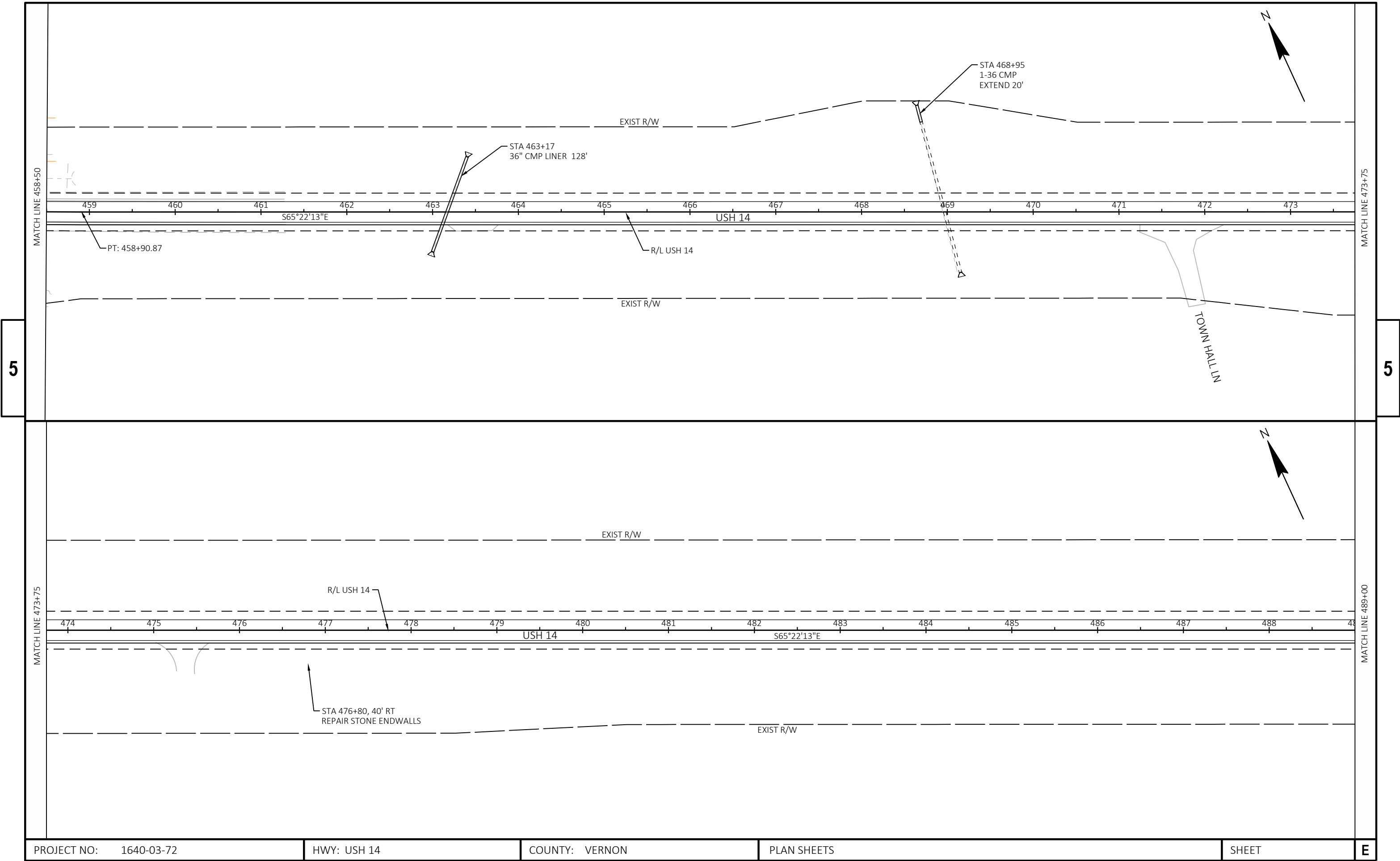
SHOULDER WORK SUMMARY

CATEGORY	STATION TO STATION	LOCATION	305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	305.0500 SHAPING SHOULDERS STA	624.0100 WATER MGAL	REMARKS
0010	430+00 - 441+73	US 14	304	12	4256	
	441+73 - 471+68	US 14	777	30	10873	
	471+68 - 500+51	US 14	747	29	10463	
	500+51 - 503+02	US 14	65	3	910	
	503+02 - 541+46	US 14	997	38	13954	
	541+46 - 543+93	US 14	37			
	541+46 - 551+02	US 14	142	10	1983	
	551+02 - 557+75	US 14	100	7	1396	
	557+75 - 619+32	US 14	912	62	12770	
	619+32 - 642+84	US 14	348	24	4877	
	642+84 - 648+55	US 14	85	6	1186	
	648+55 - 676+62	US 14	416	28	5821	
	676+62 - 707+87	US 14	463	31	6483	

TOTAL 5392 278 74971



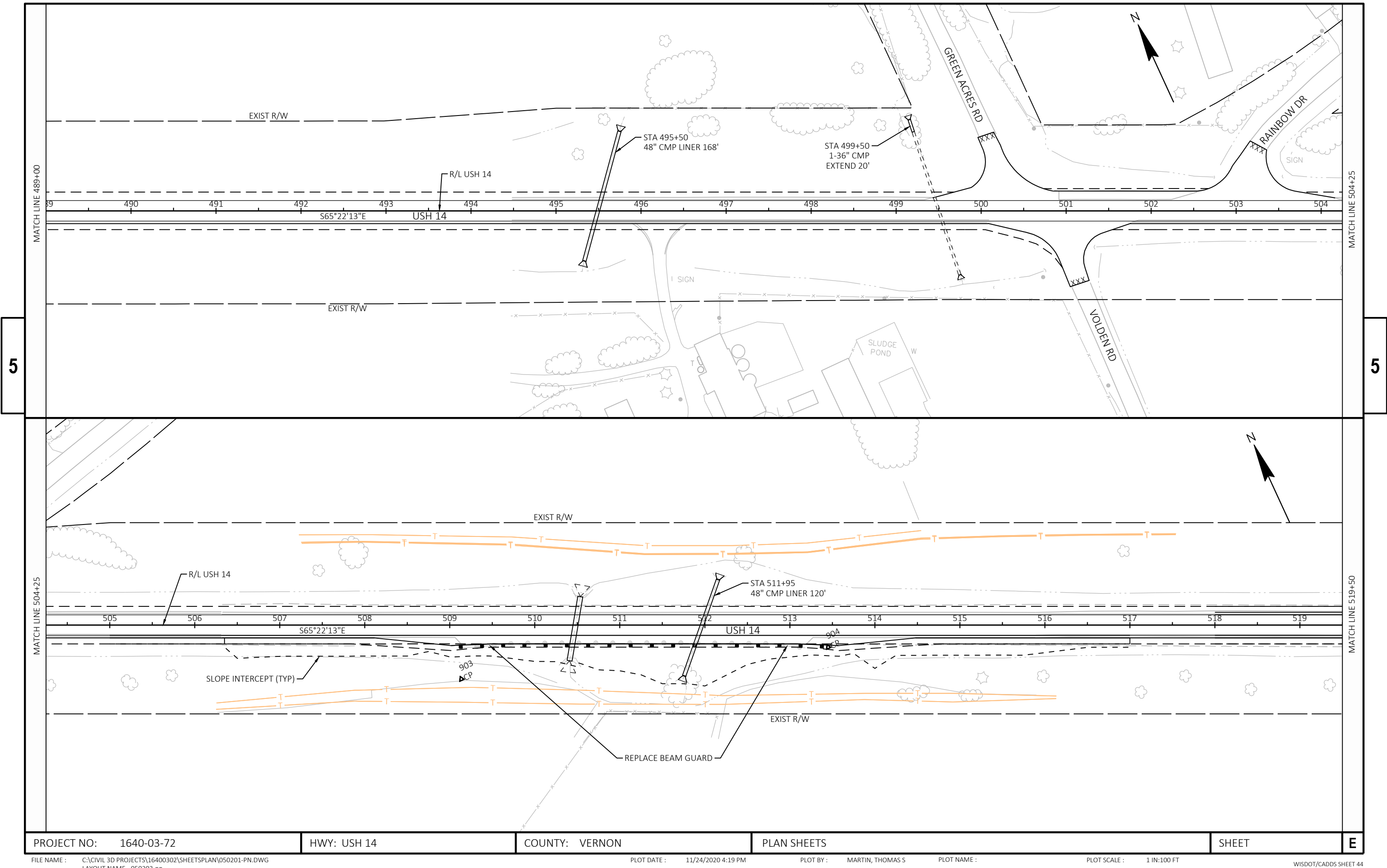
PROJECT NO: 1640-03-72	HWY: USH 14	COUNTY: VERNON	PLAN SHEETS	SHEET	E
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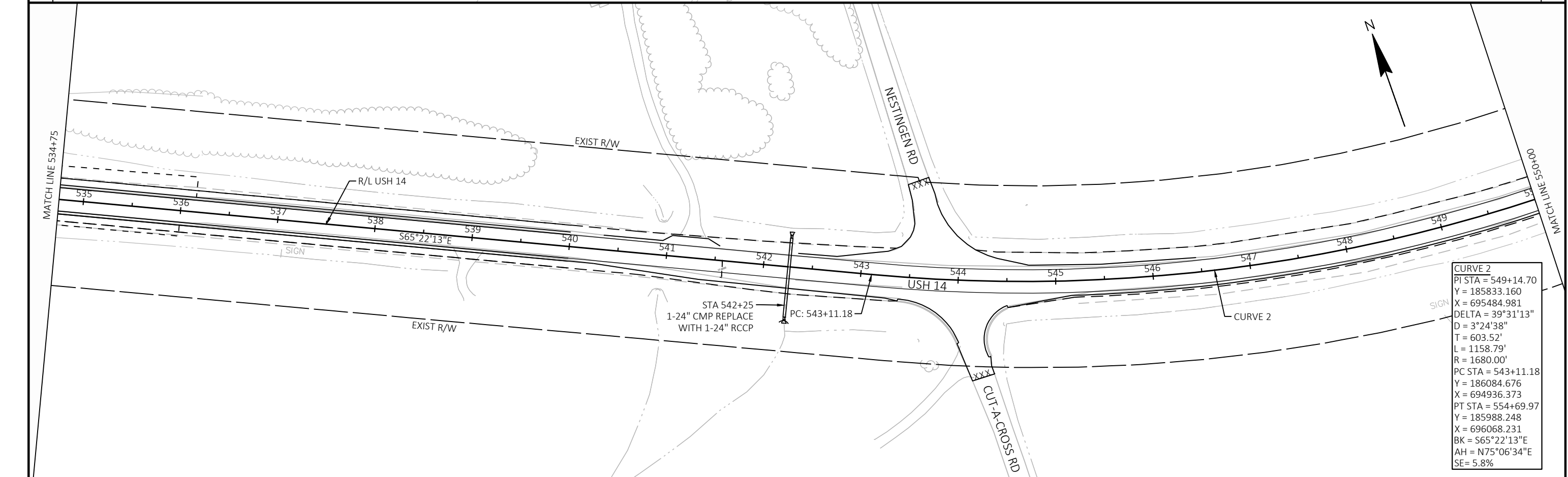
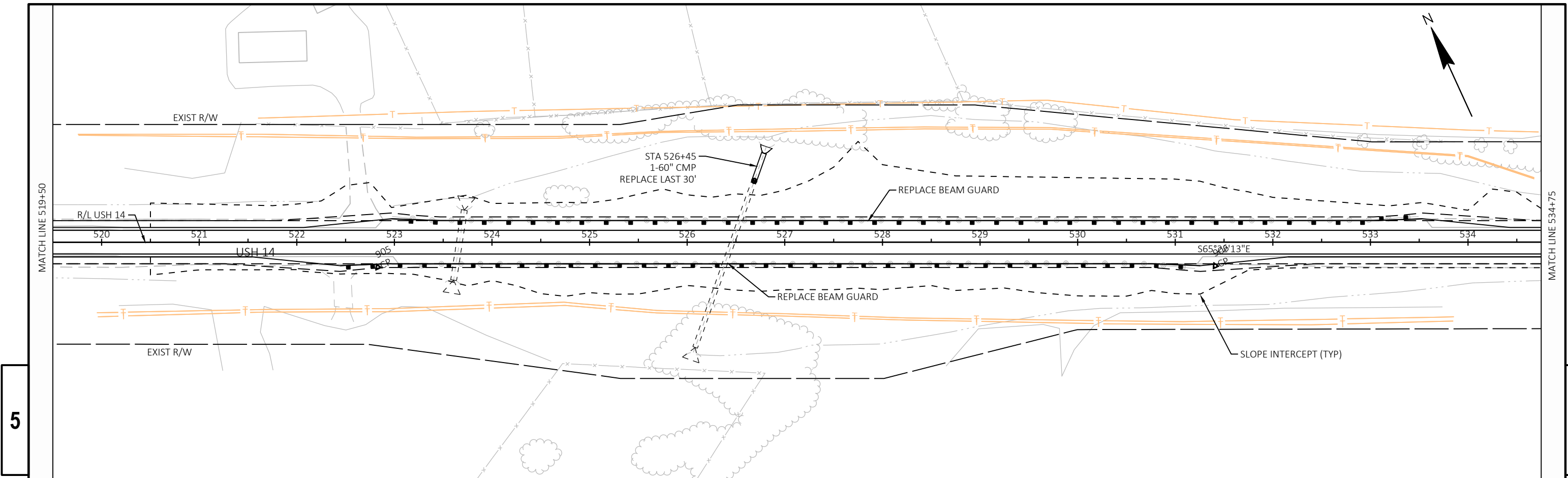
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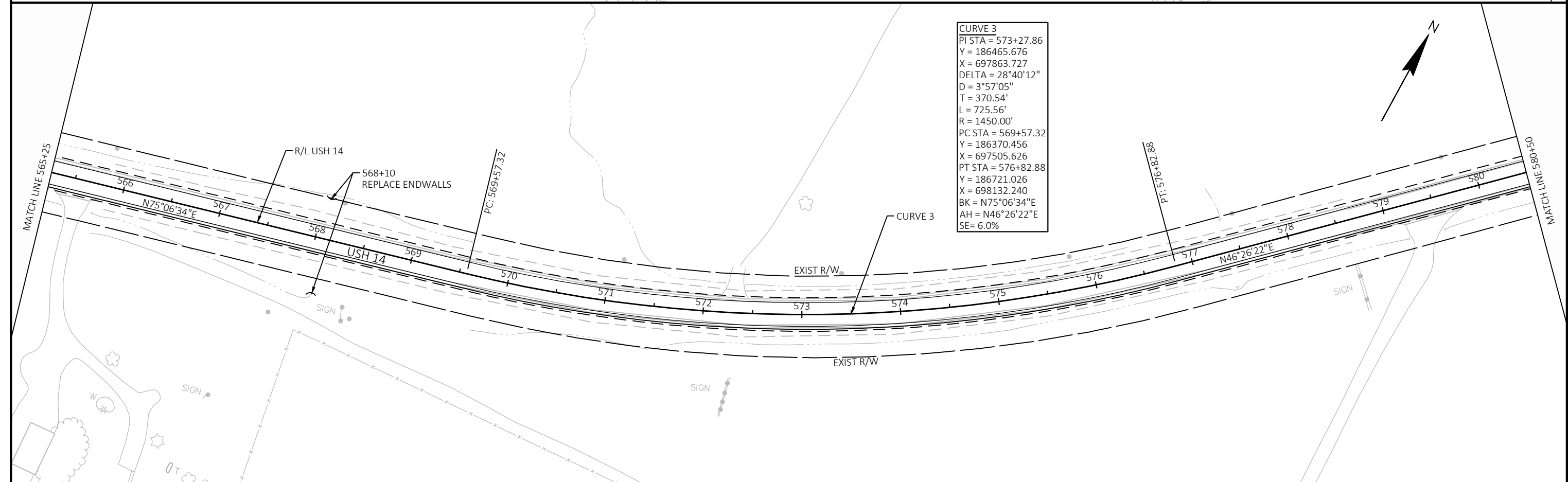
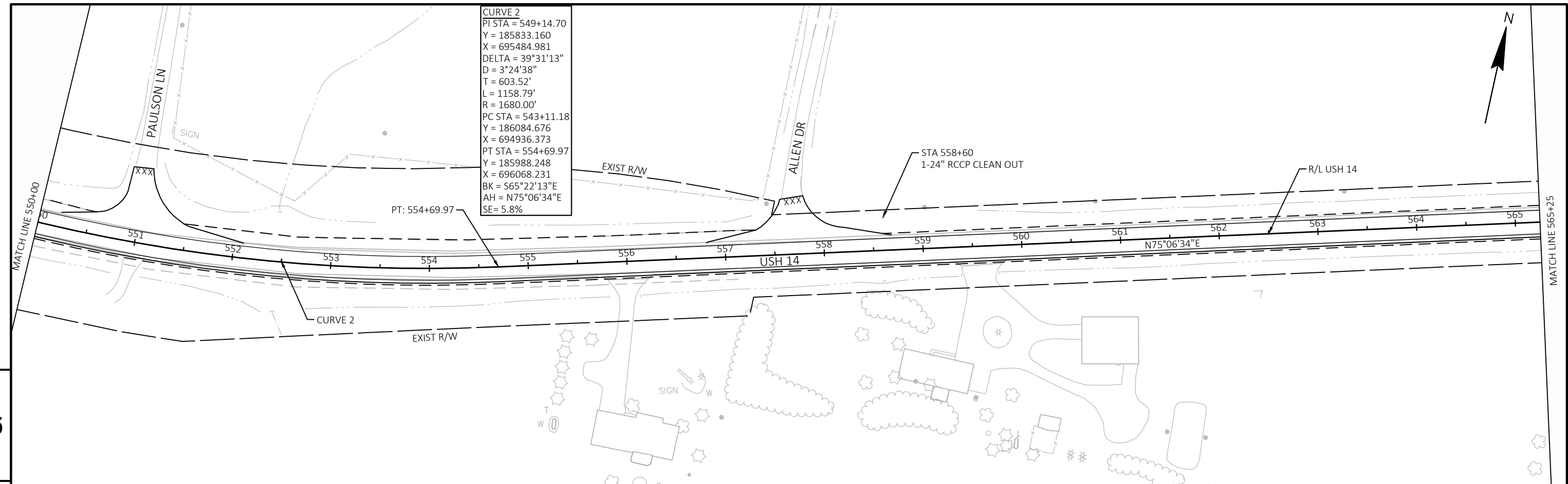
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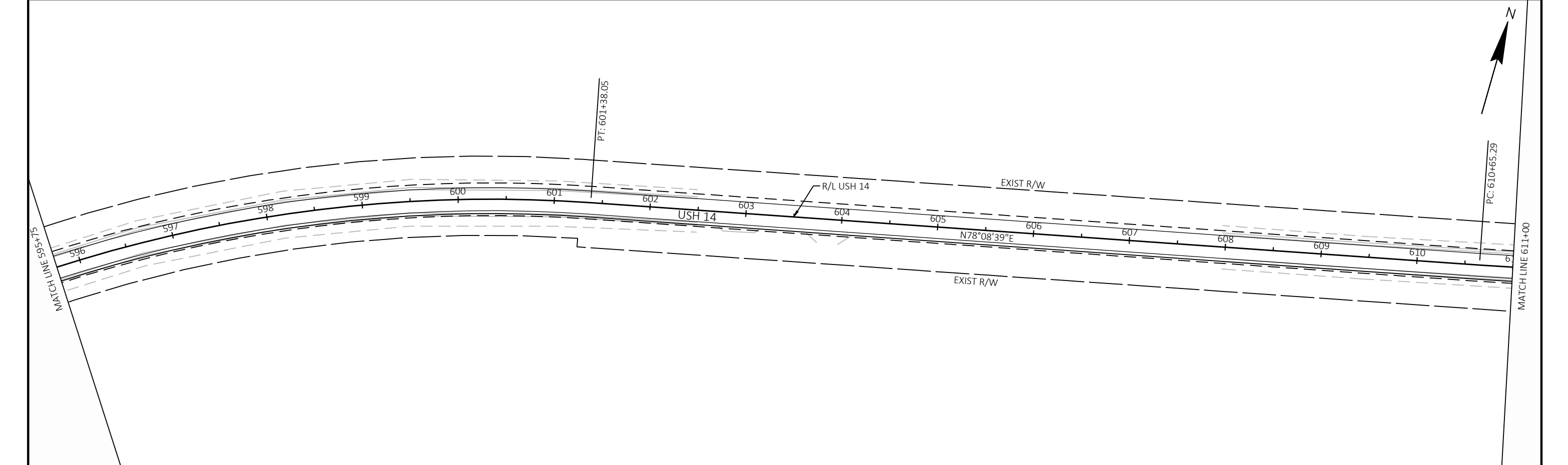
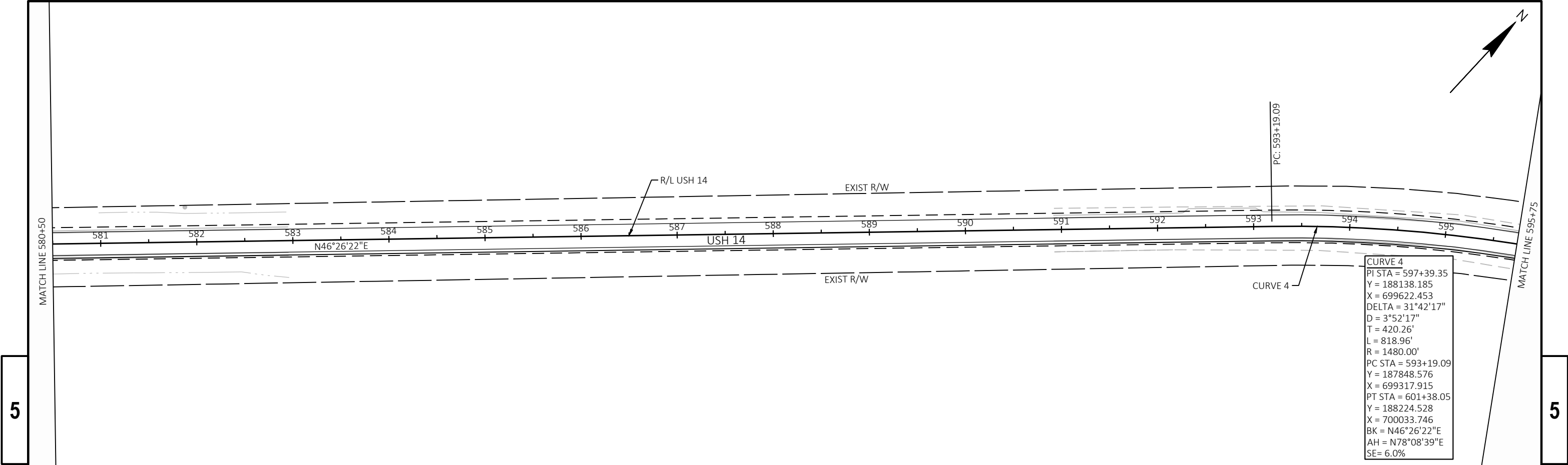
PROJECT NO: 1640-03-72	HWY: USH 14	COUNTY: VERNON	PLAN SHEETS	SHEET	E
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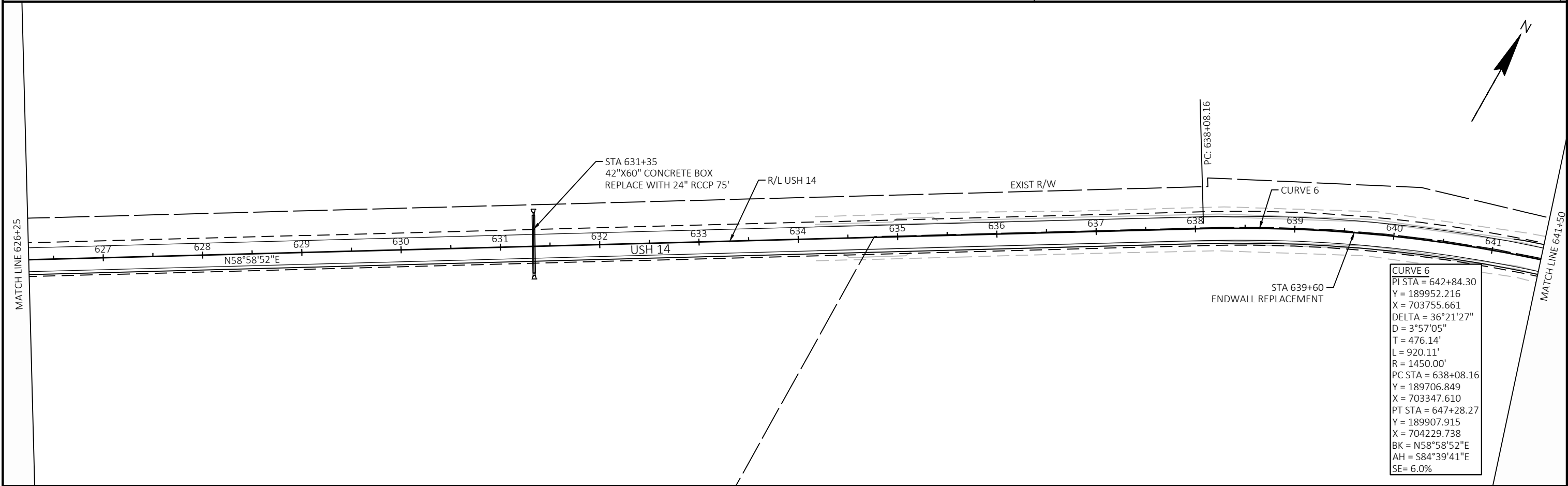
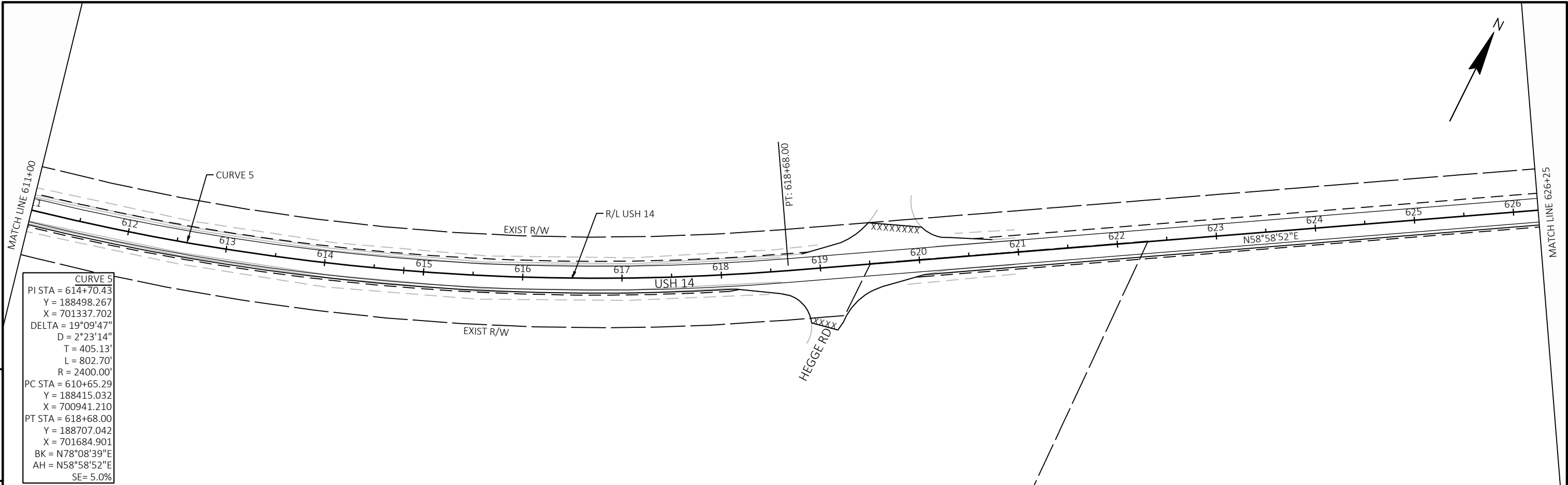
PROJECT NO: 1640-03-72	HWY: USH 14	COUNTY: VERNON	PLAN SHEETS	SHEET	E
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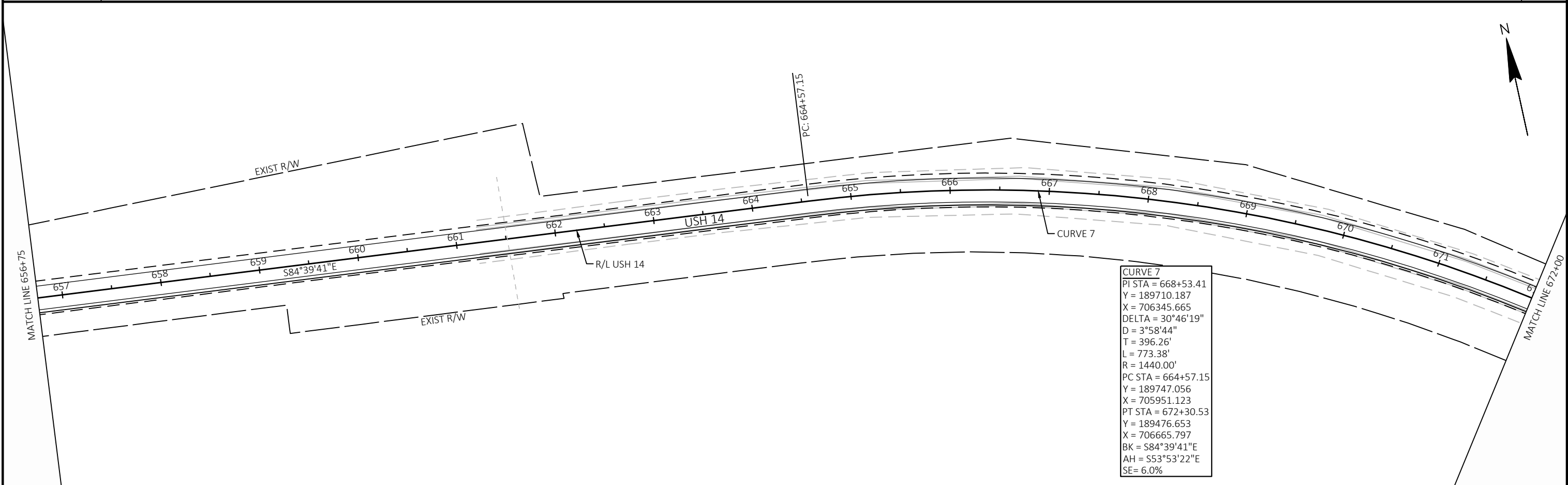
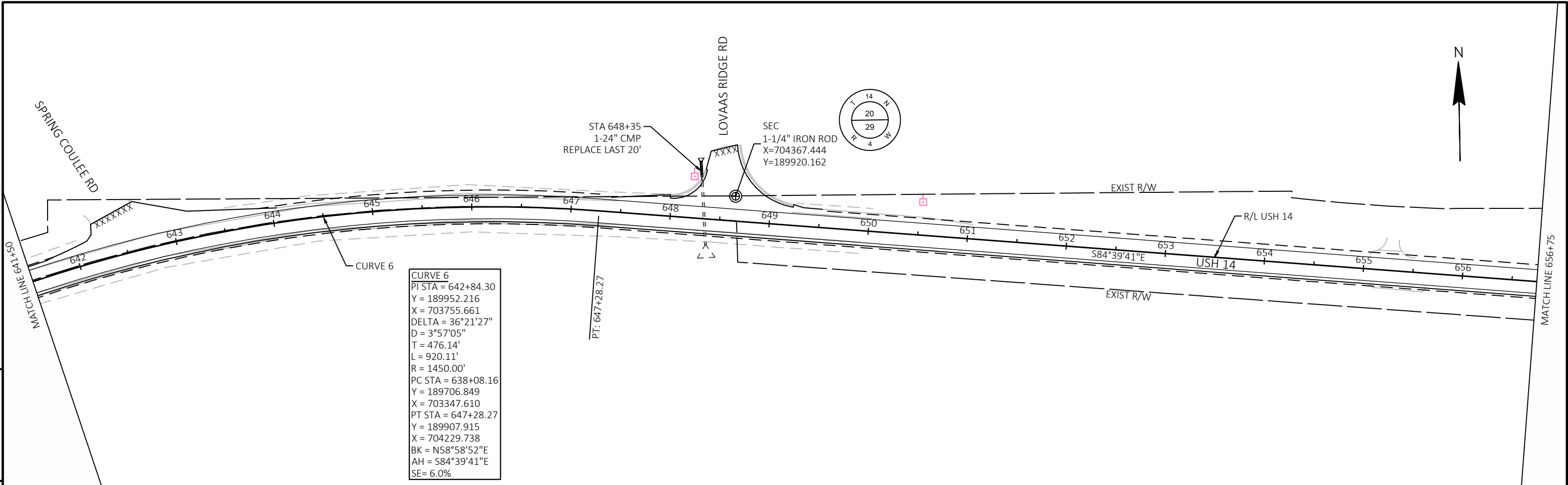




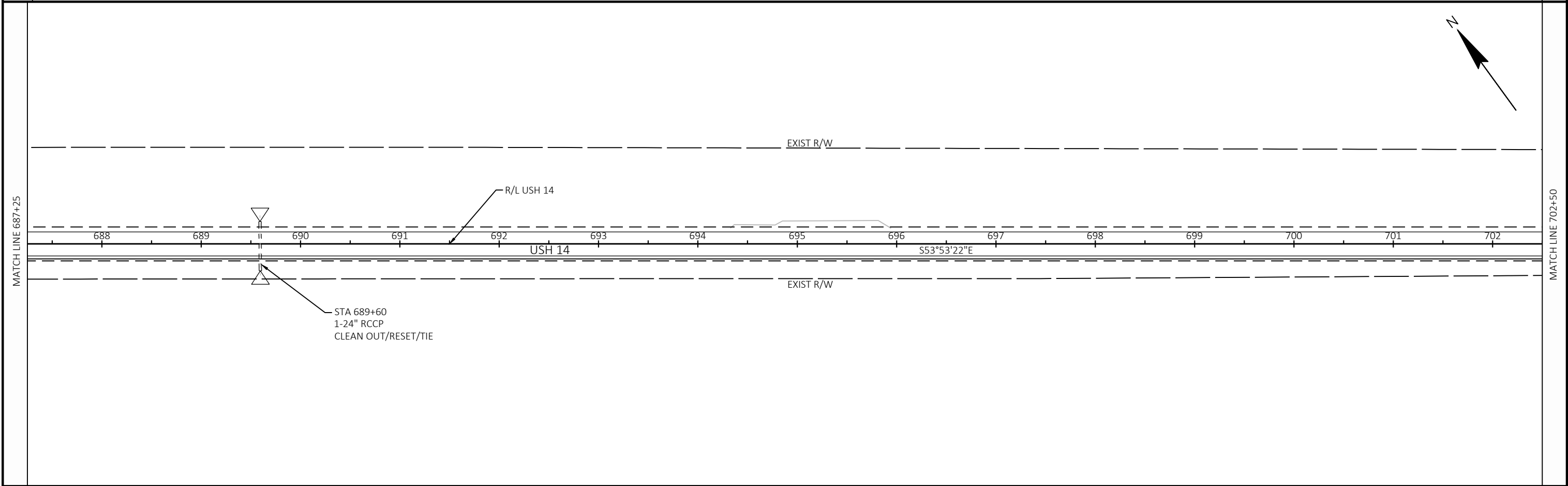
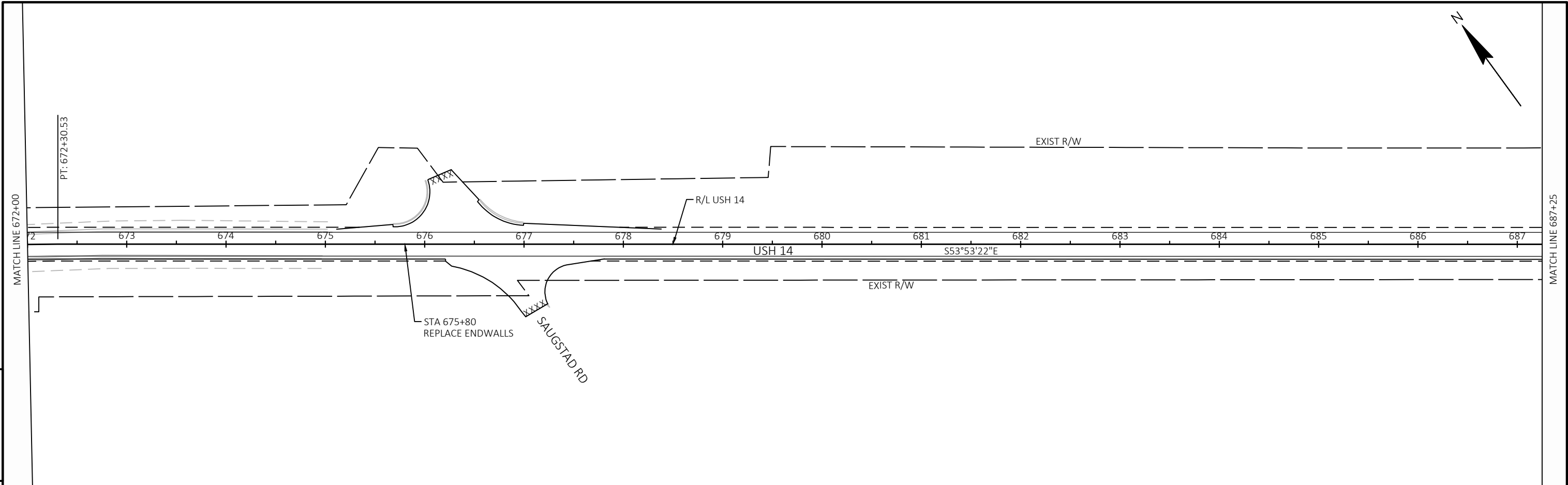
PROJECT NO: 1640-03-72	HWY: USH 14	COUNTY: VERNON	PLAN SHEETS	SHEET	E
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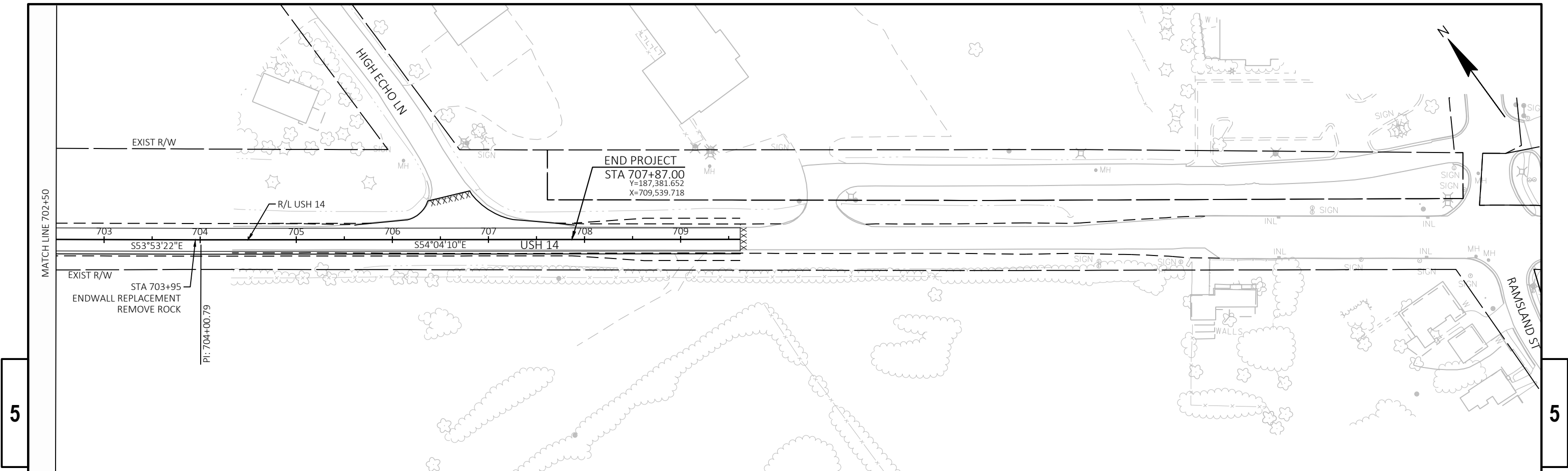
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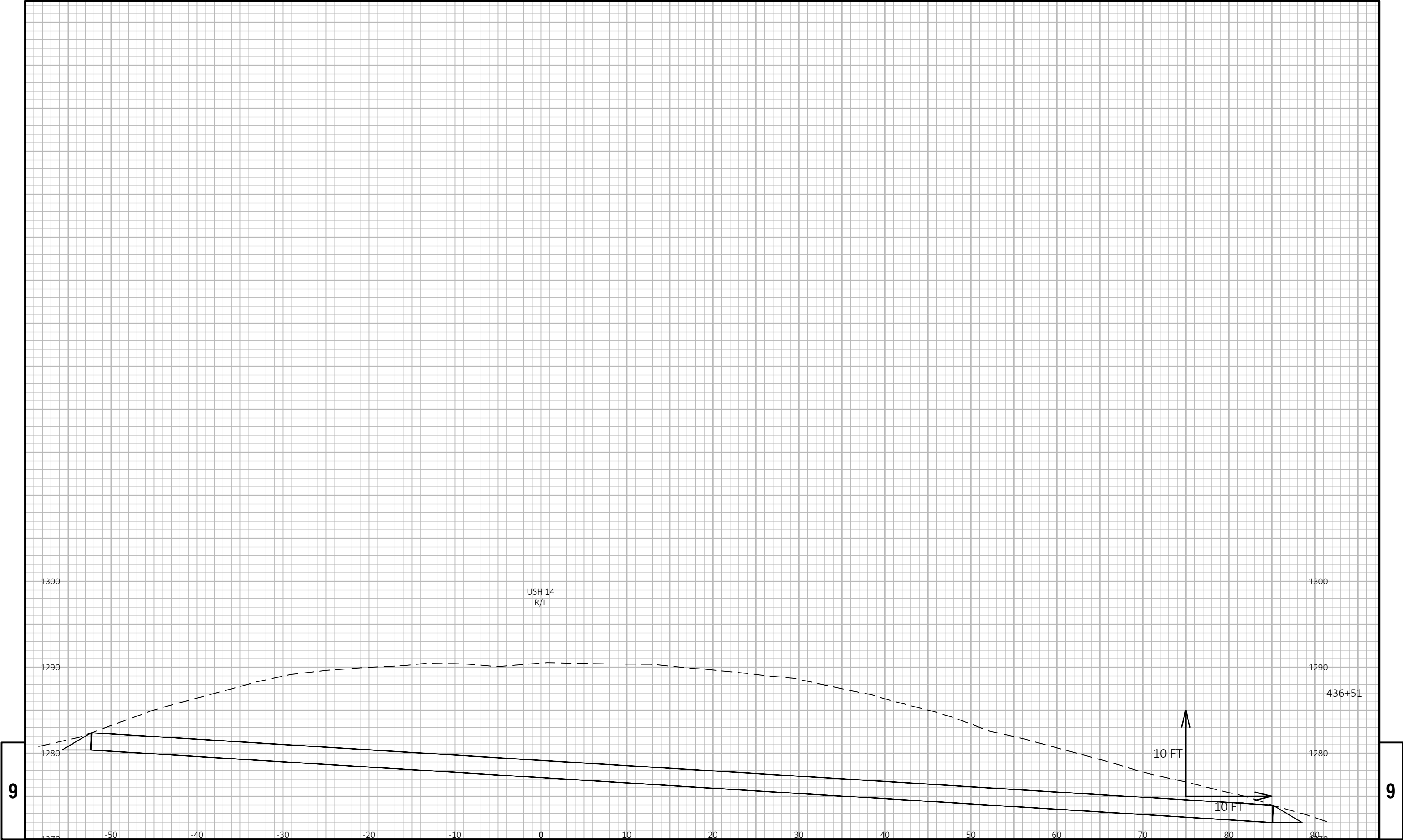


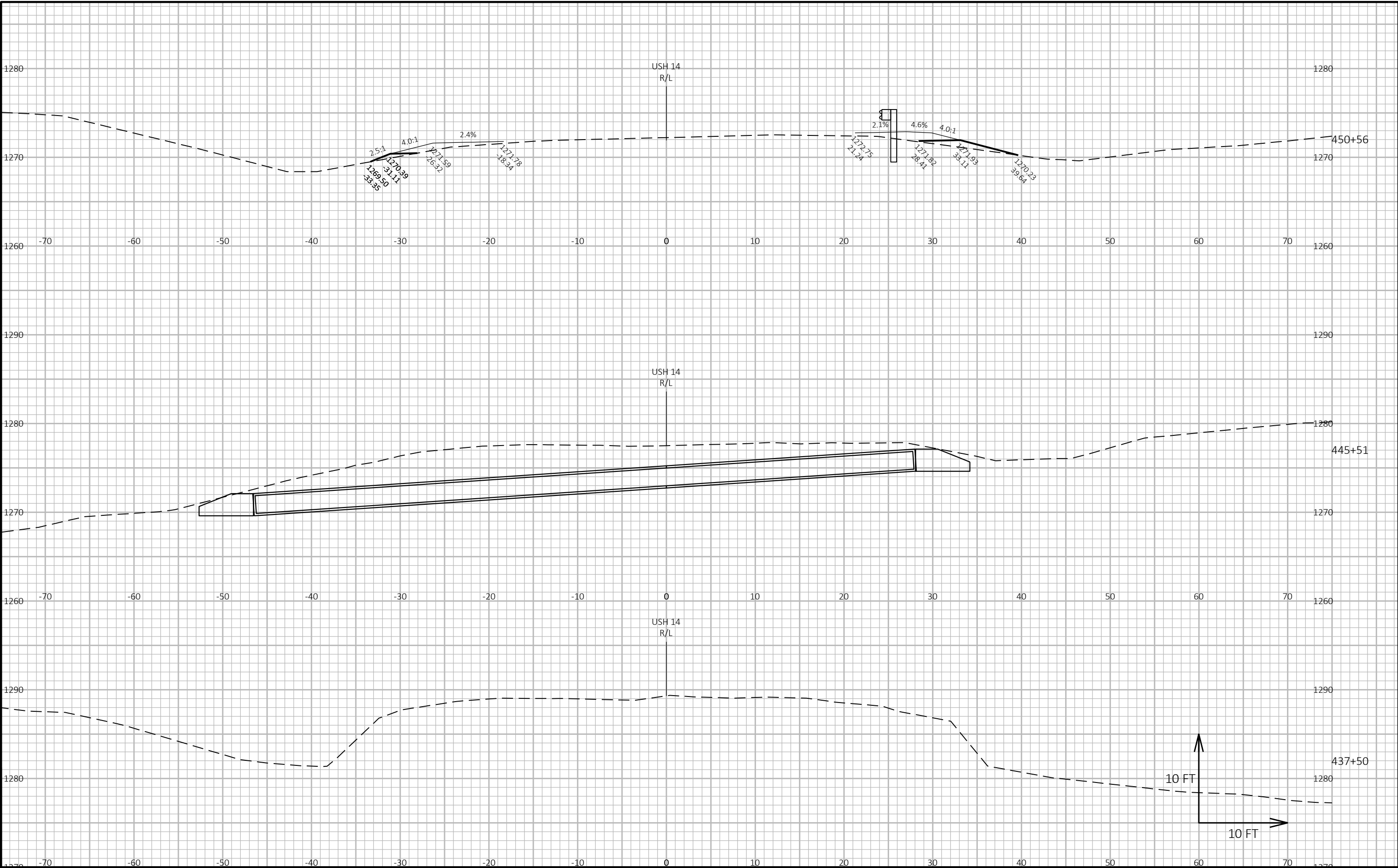
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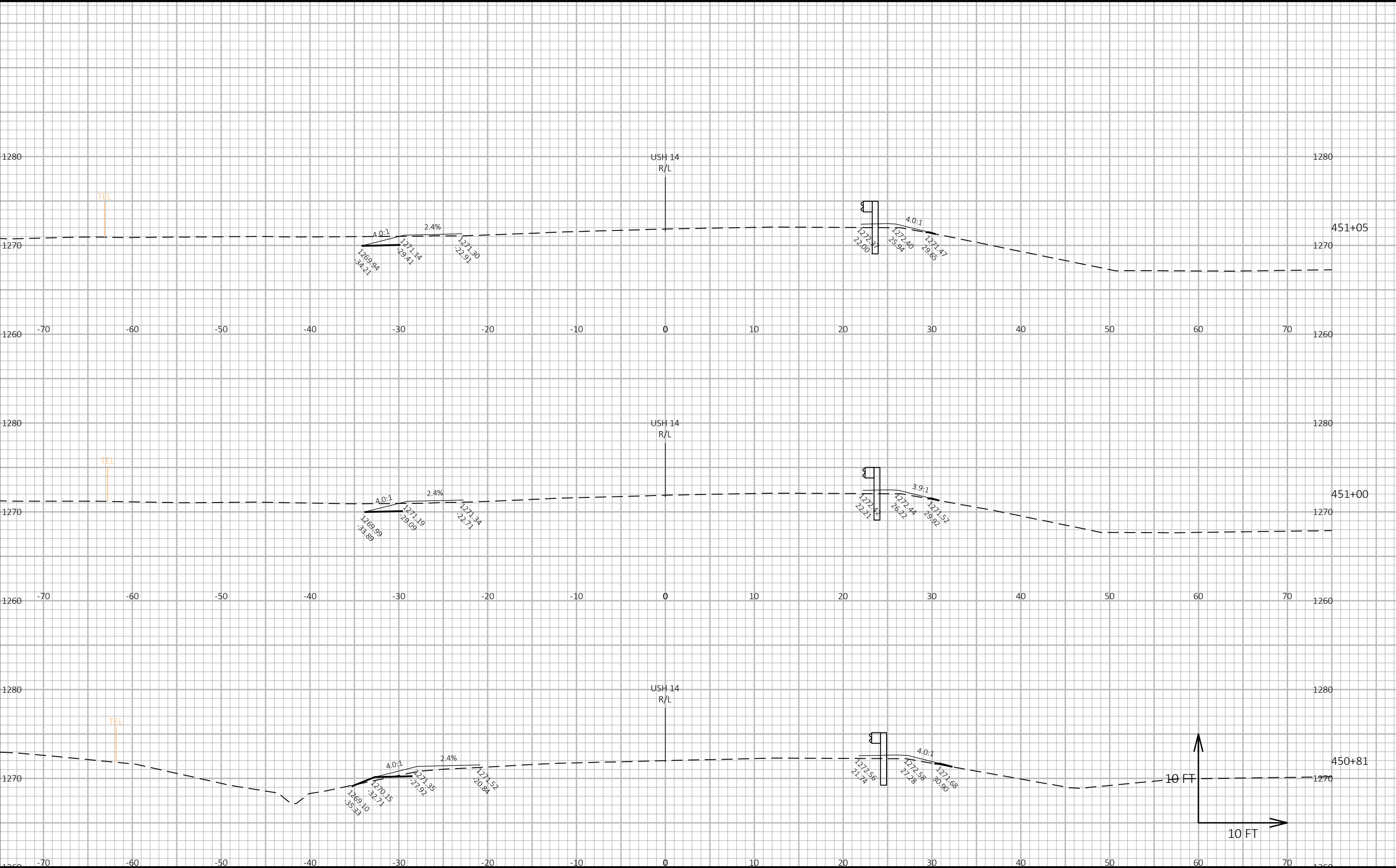


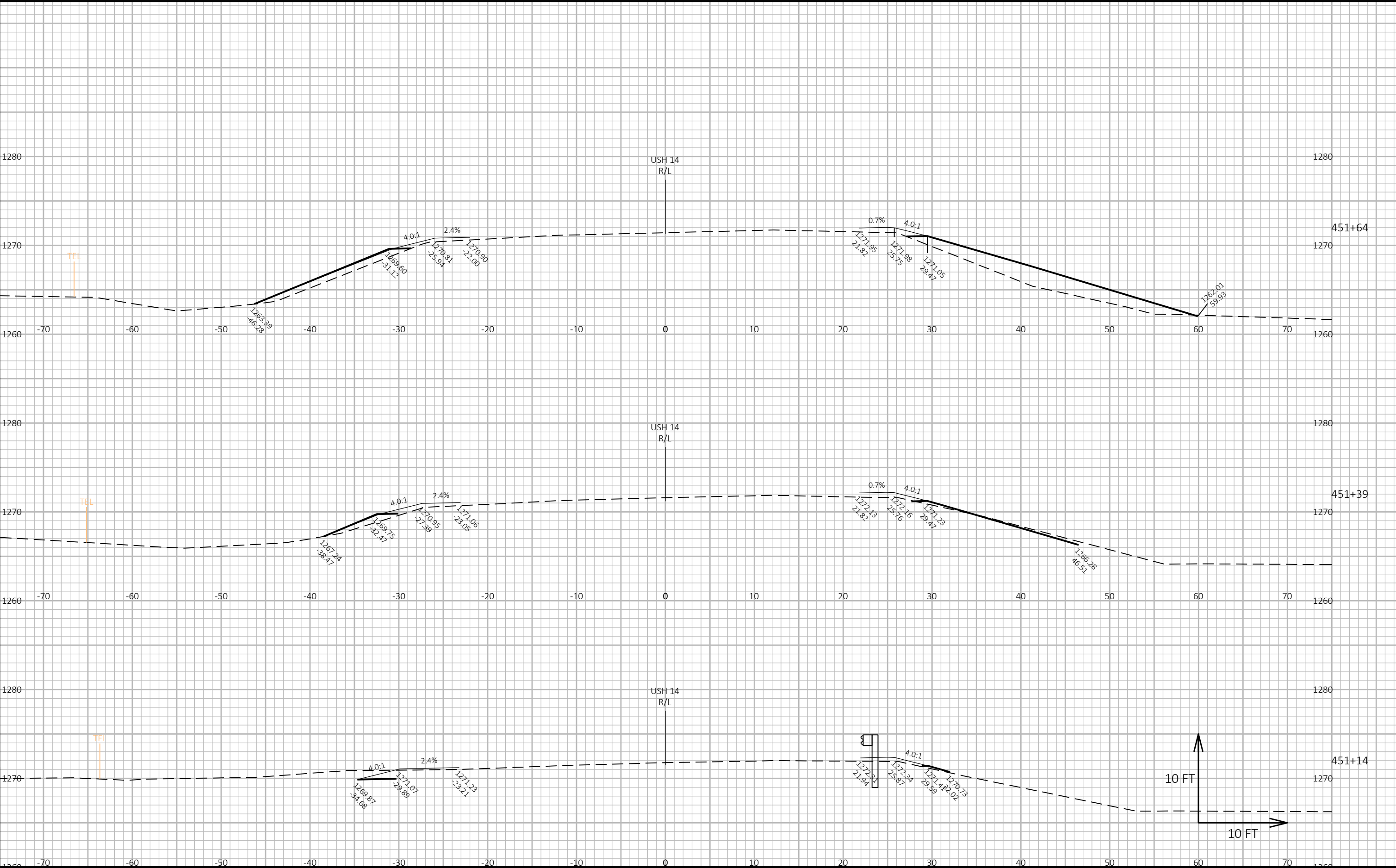
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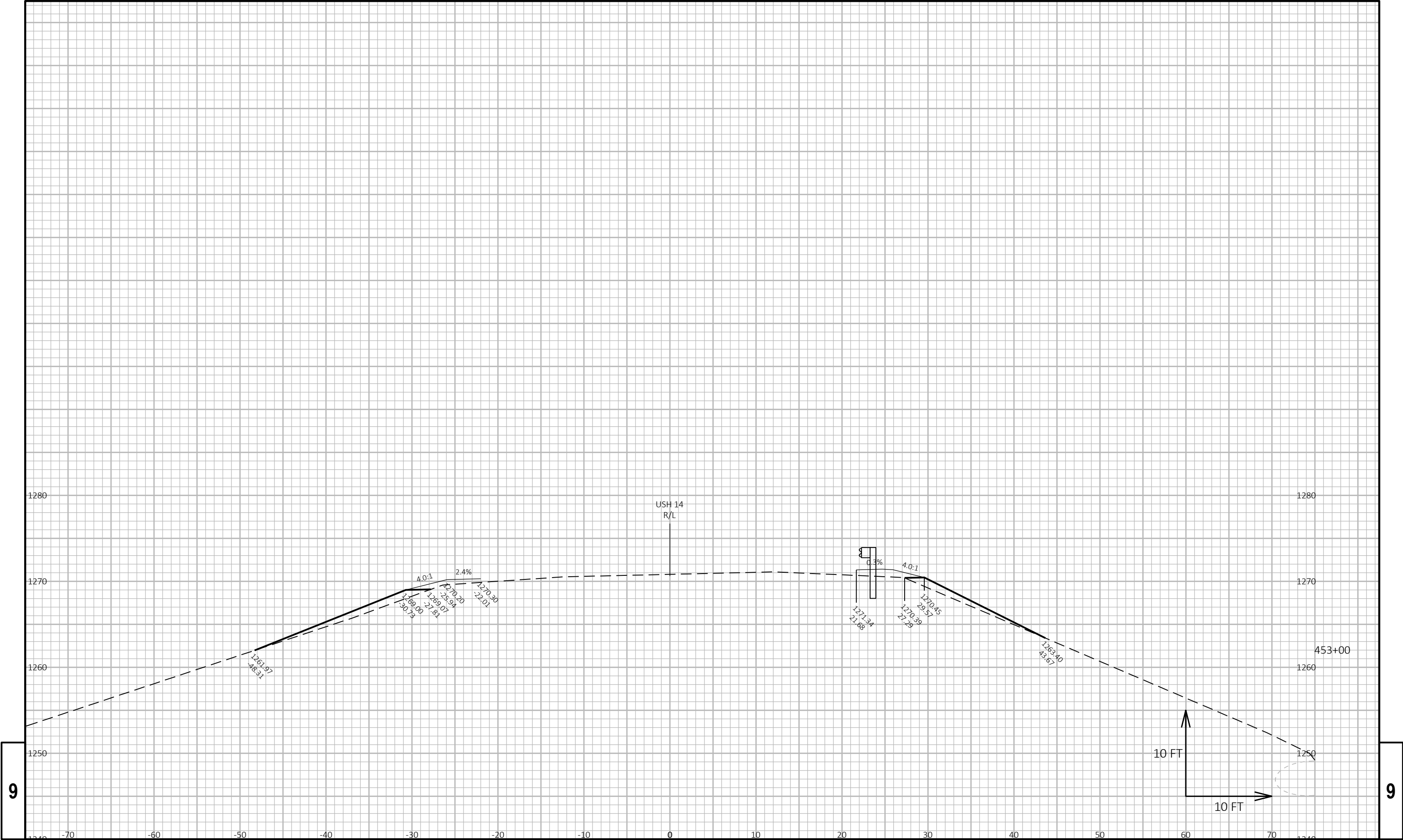


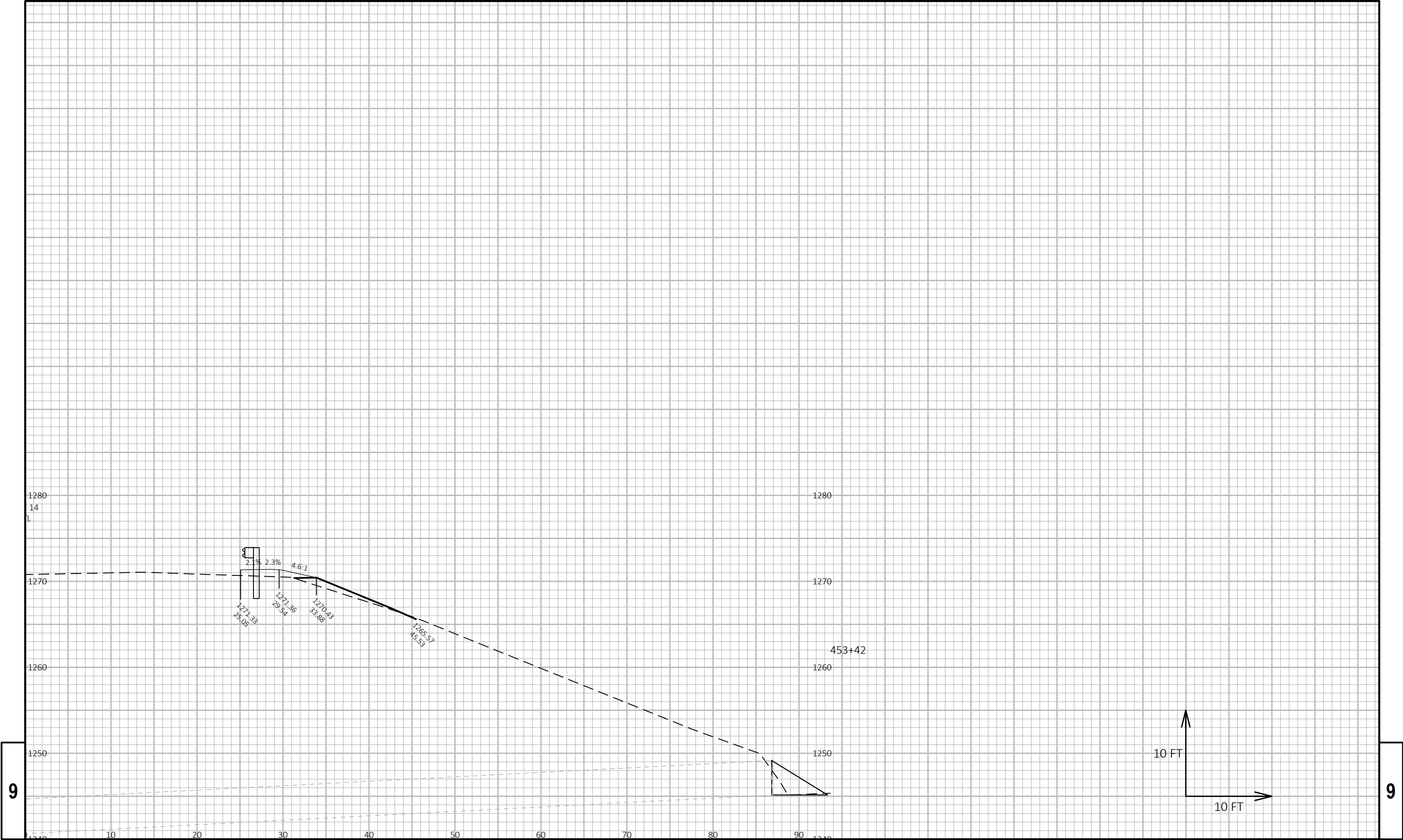




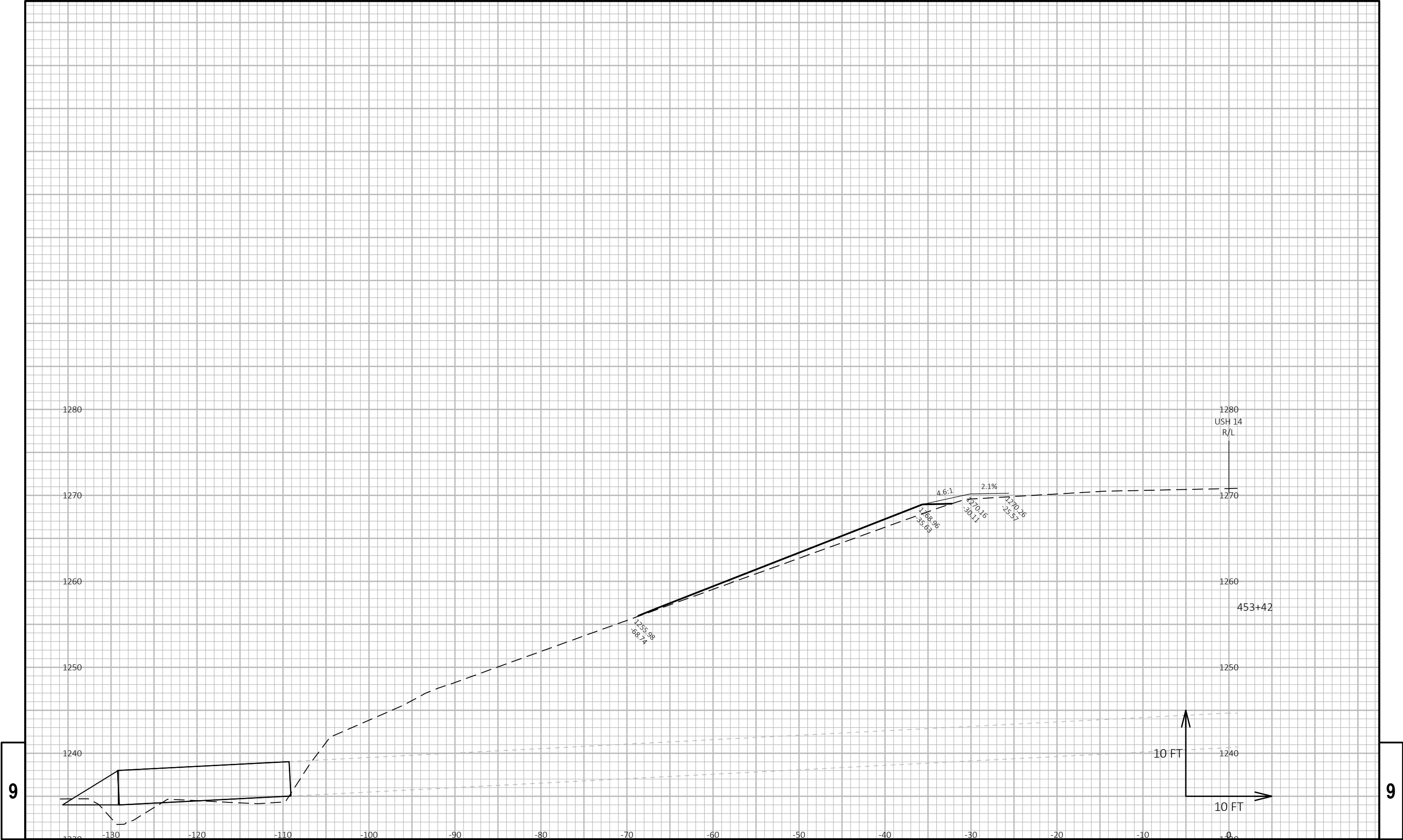








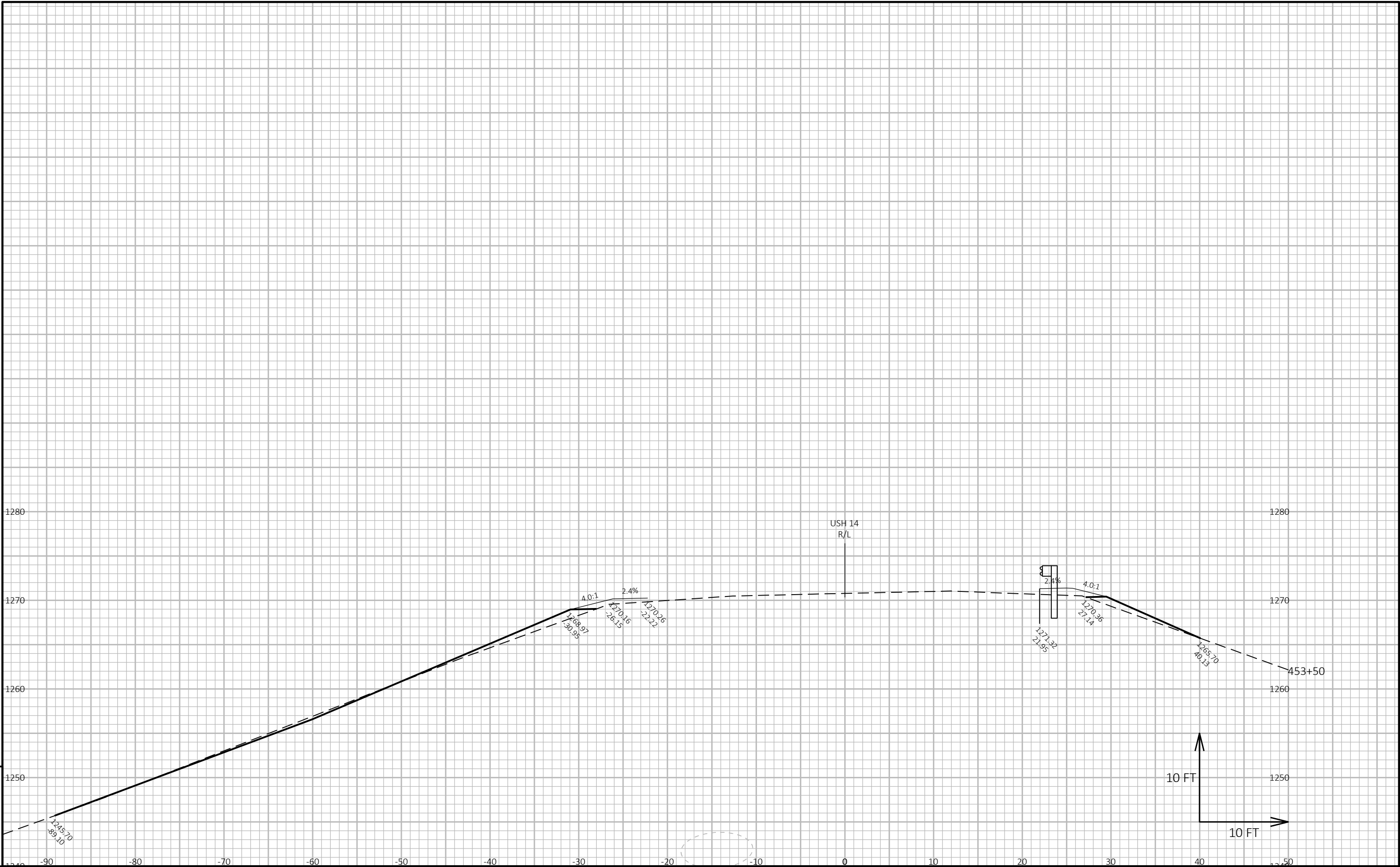
9	PROJECT NO: 1640-03-72	HWY: USH 14	COUNTY: VERNON	CROSS SECTIONS: USH 14	SHEET	E
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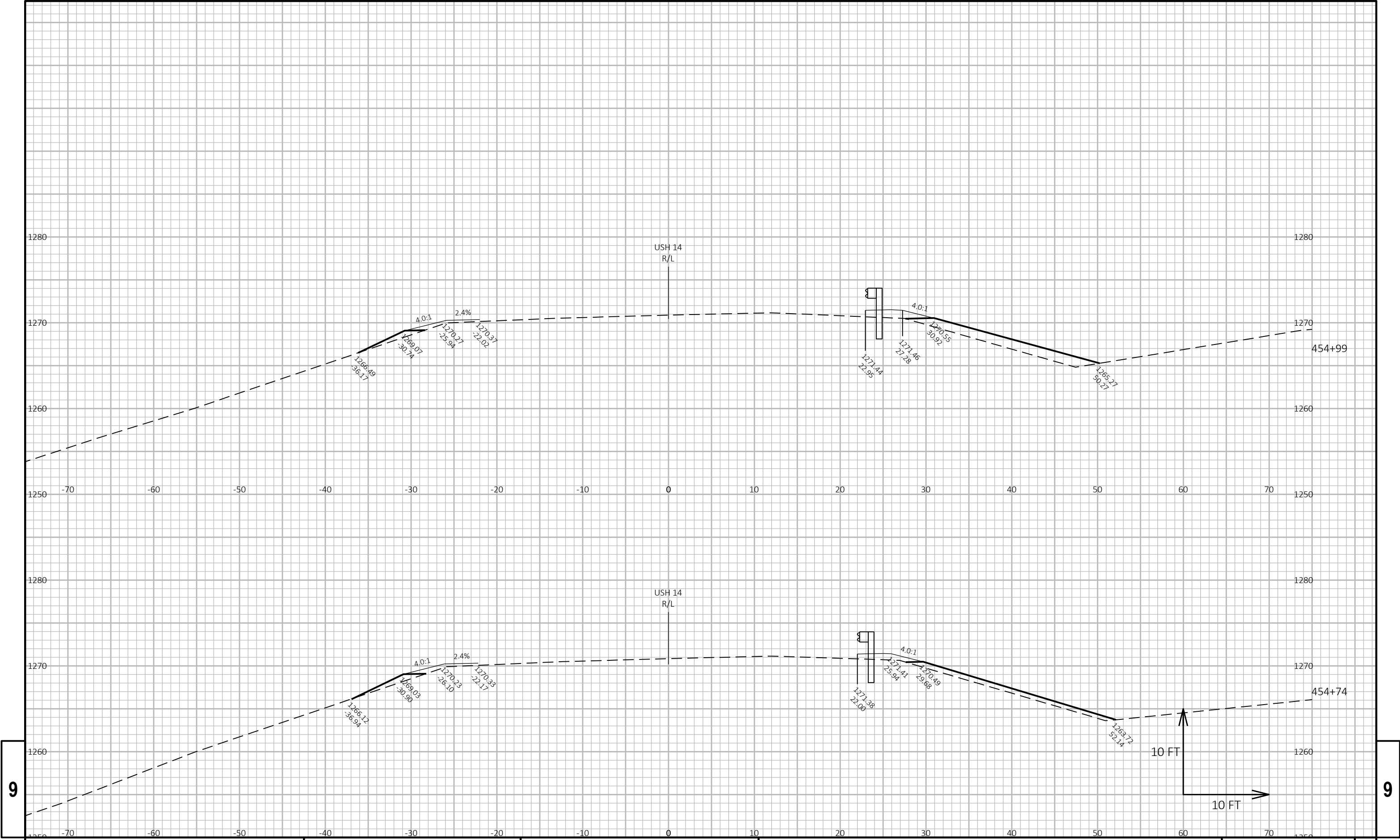


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PROJECT NO: 1640-03-72	HWY: USH 14	COUNTY: VERNON	CROSS SECTIONS: USH 14	SHEET E
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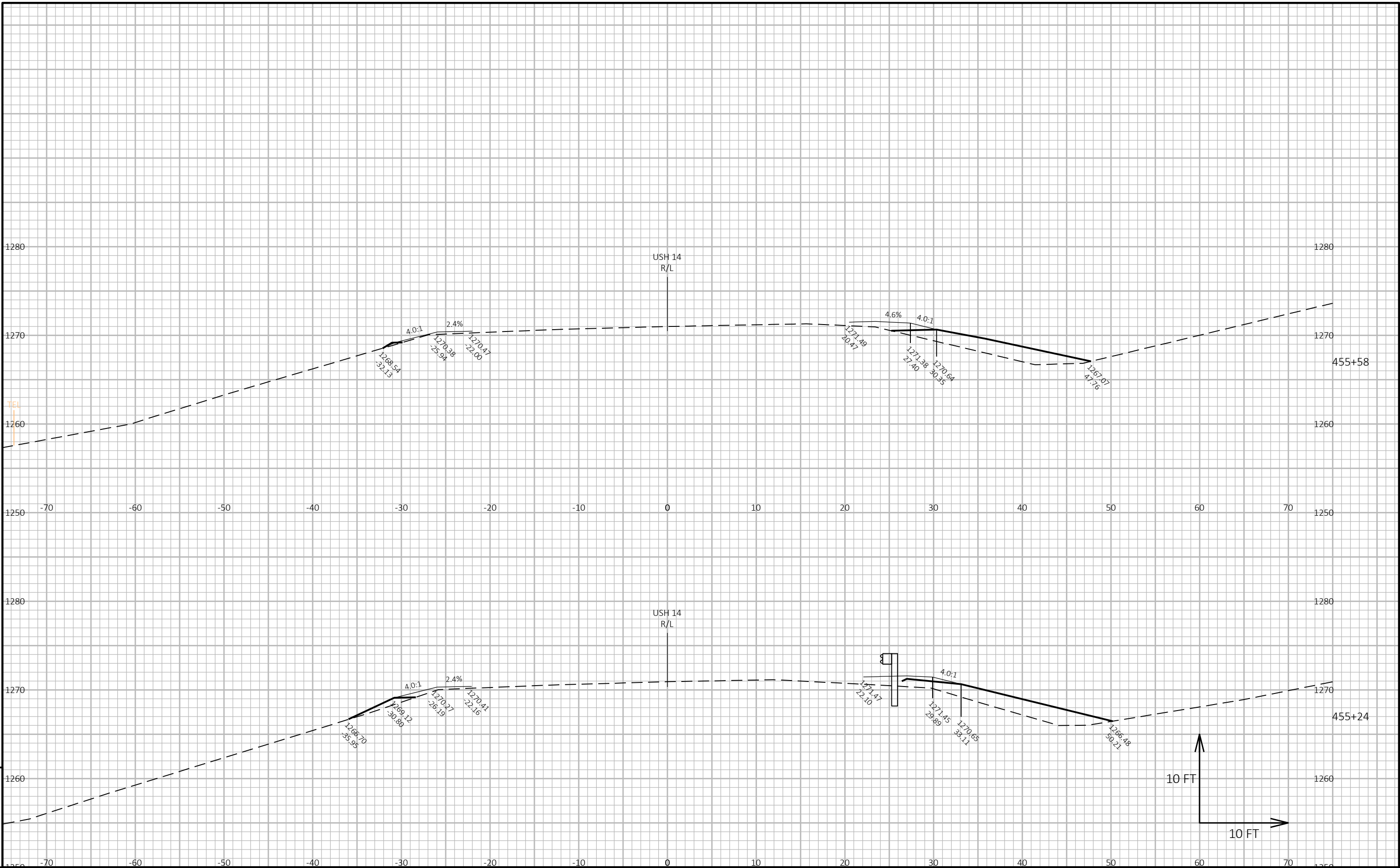


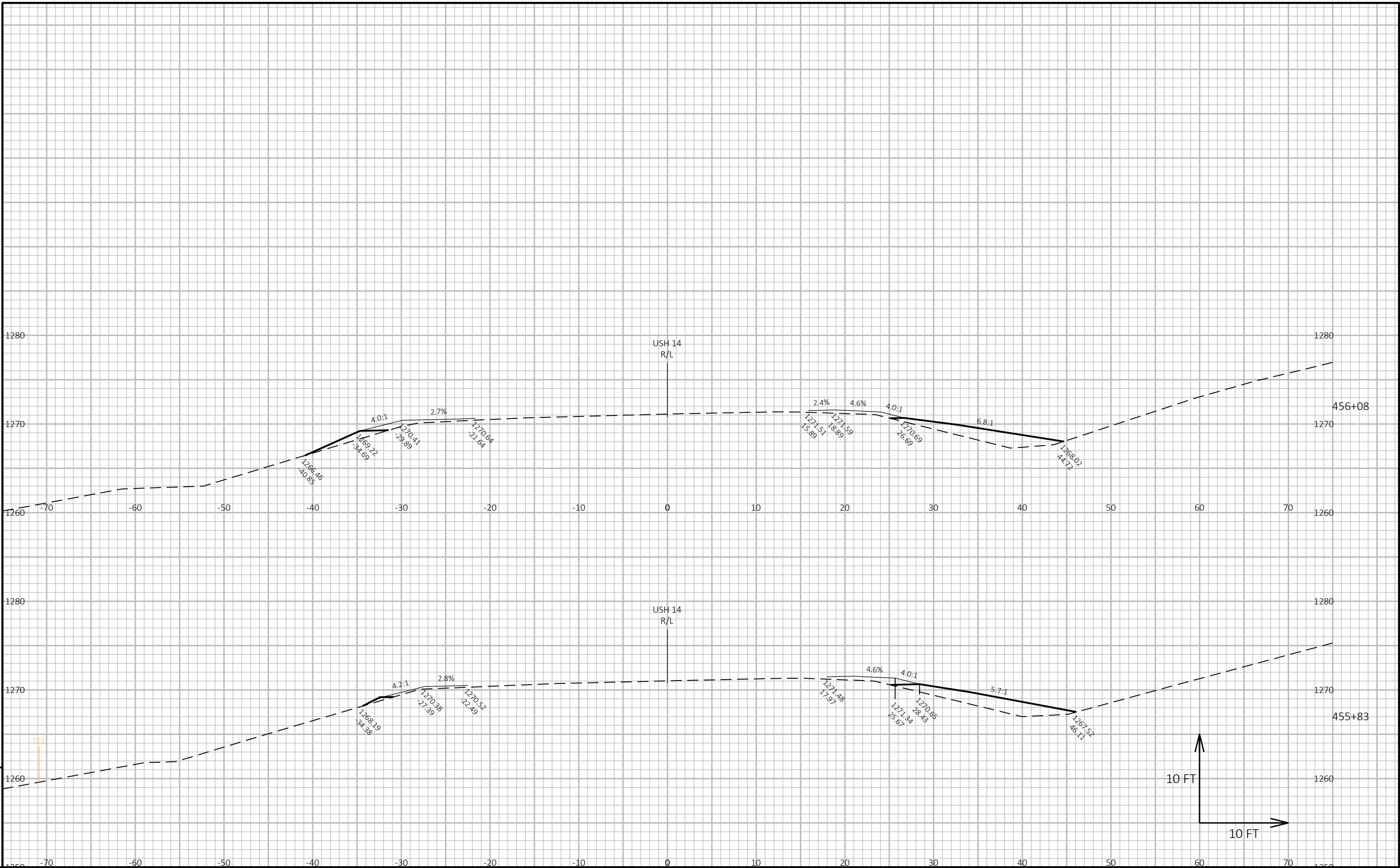


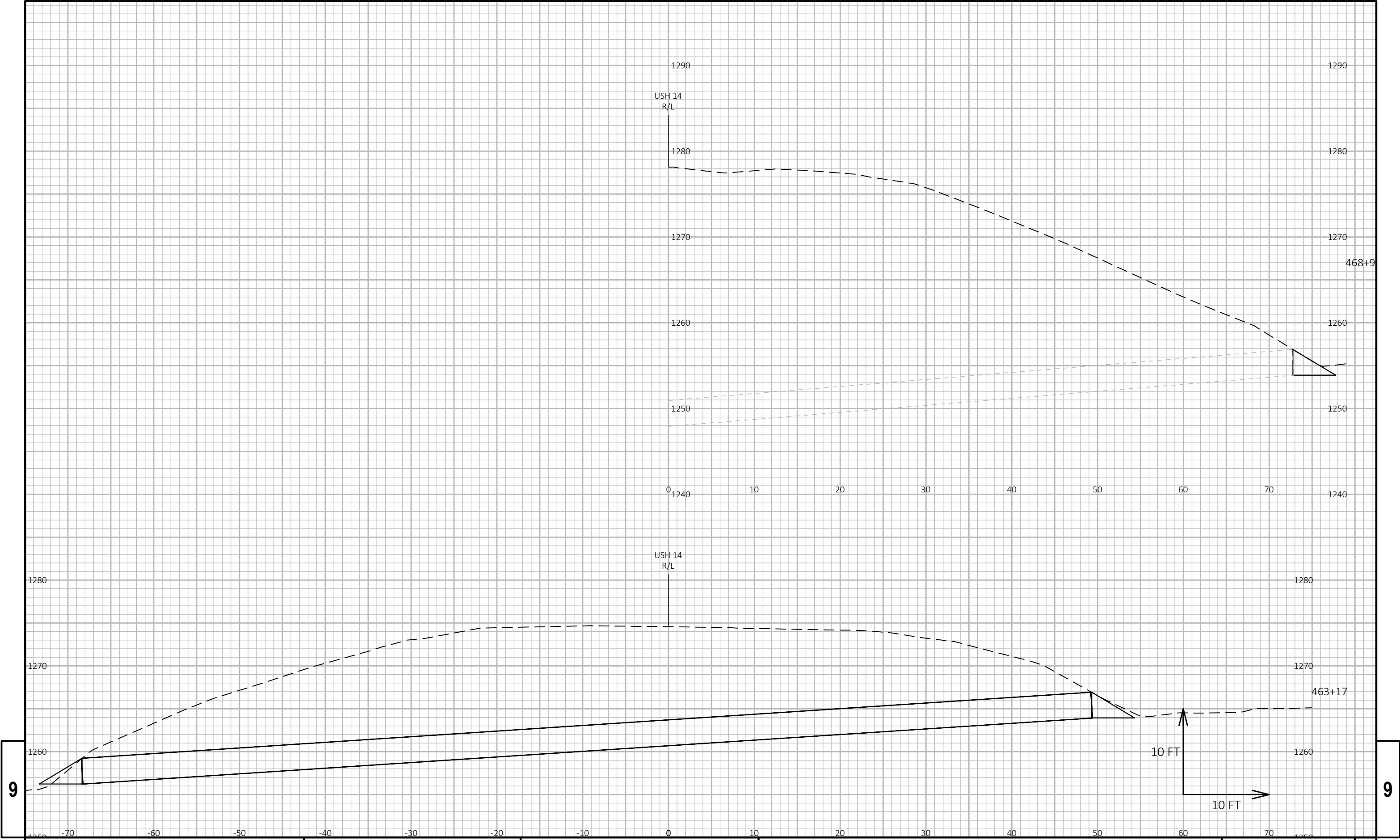
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PROJECT NO: 1640-03-72	HWY: USH 14	COUNTY: VERNON	CROSS SECTIONS: USH 14	SHEET E
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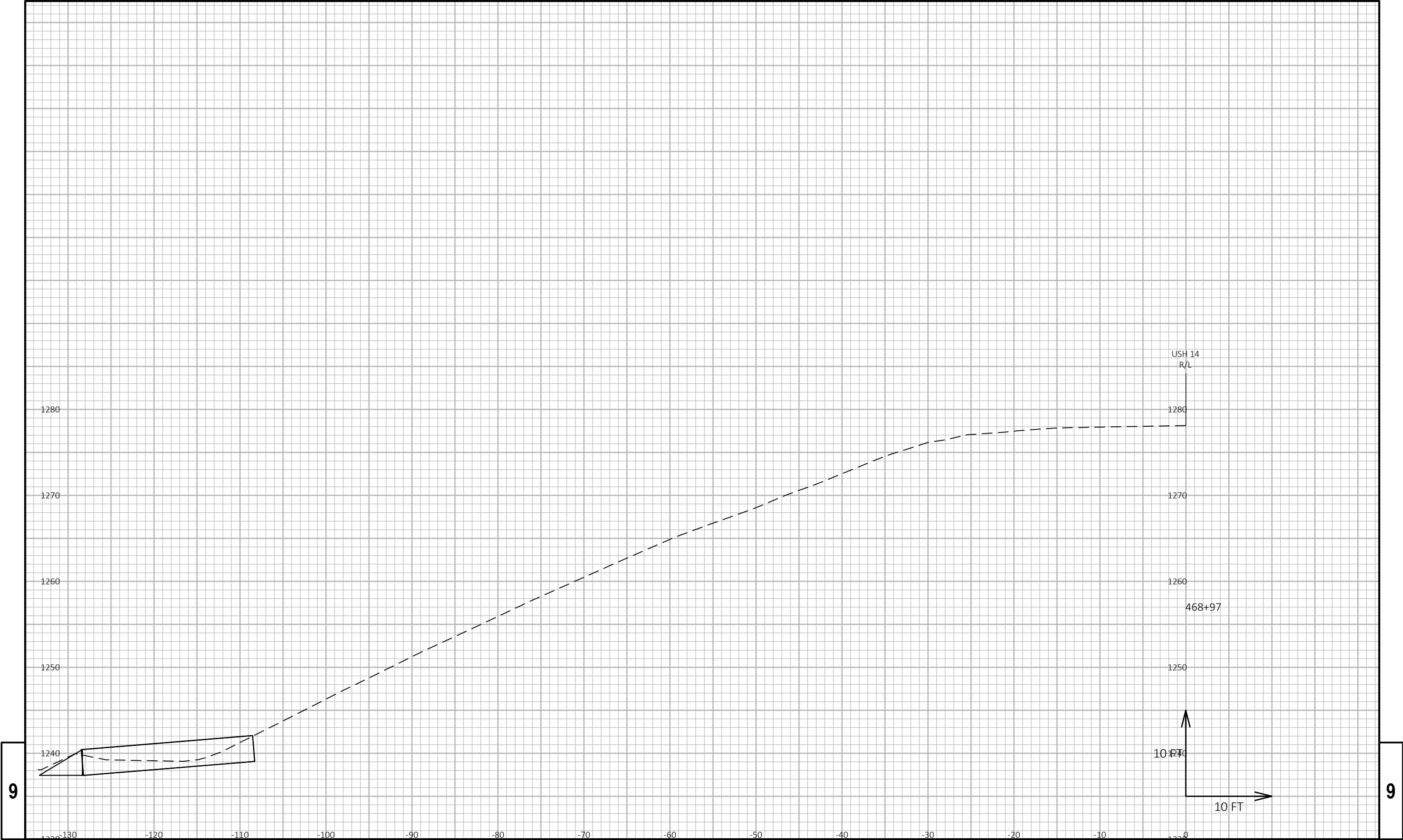




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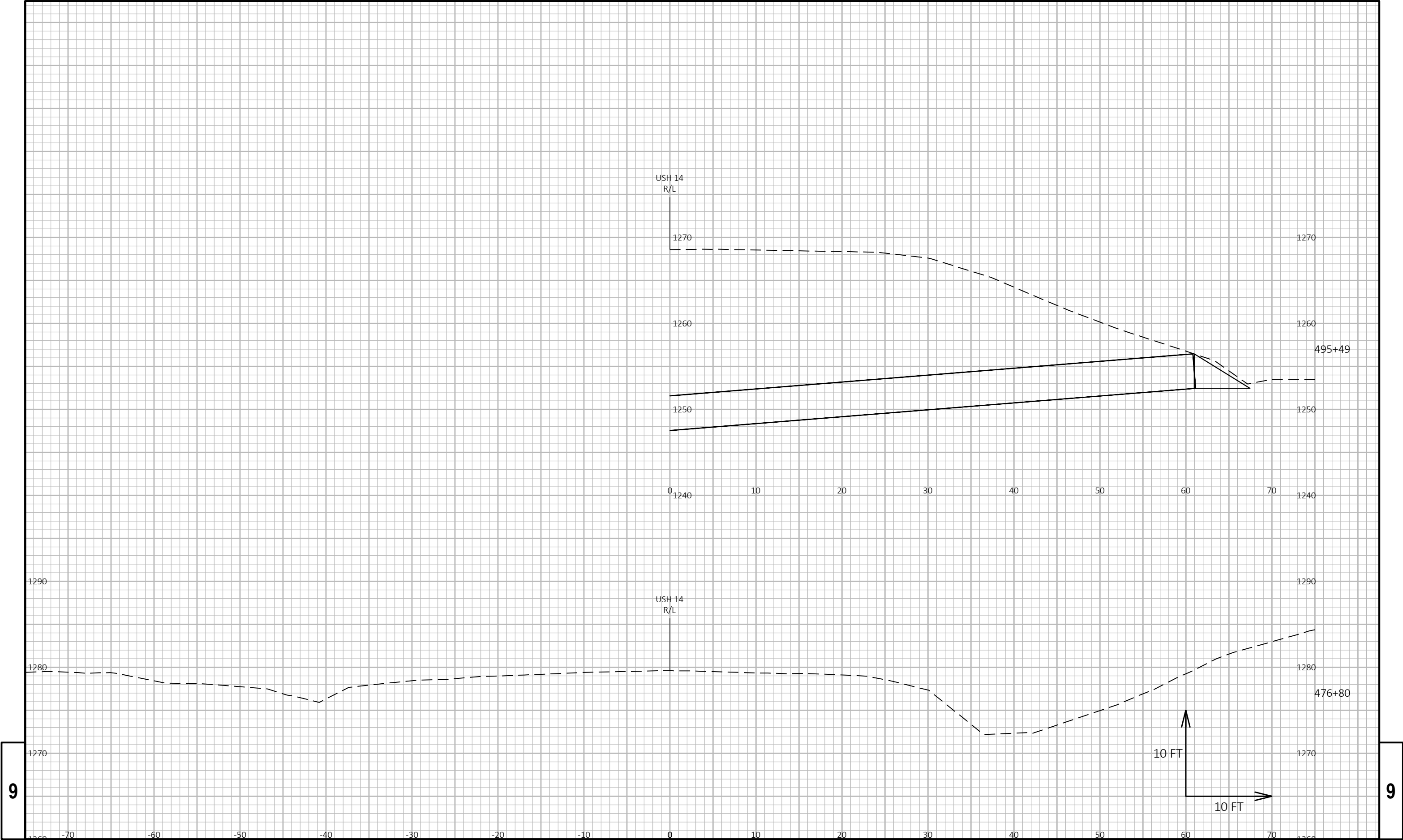
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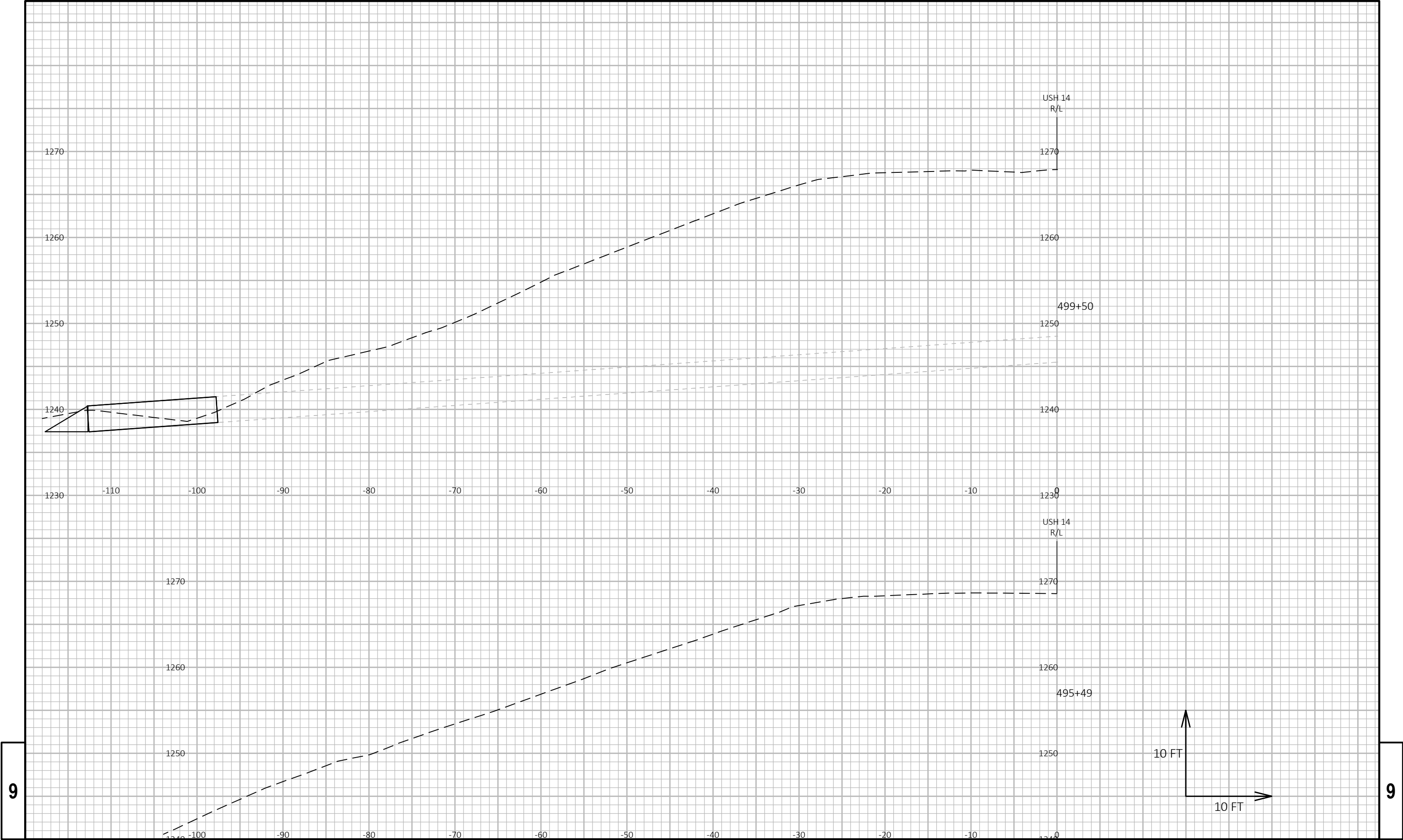


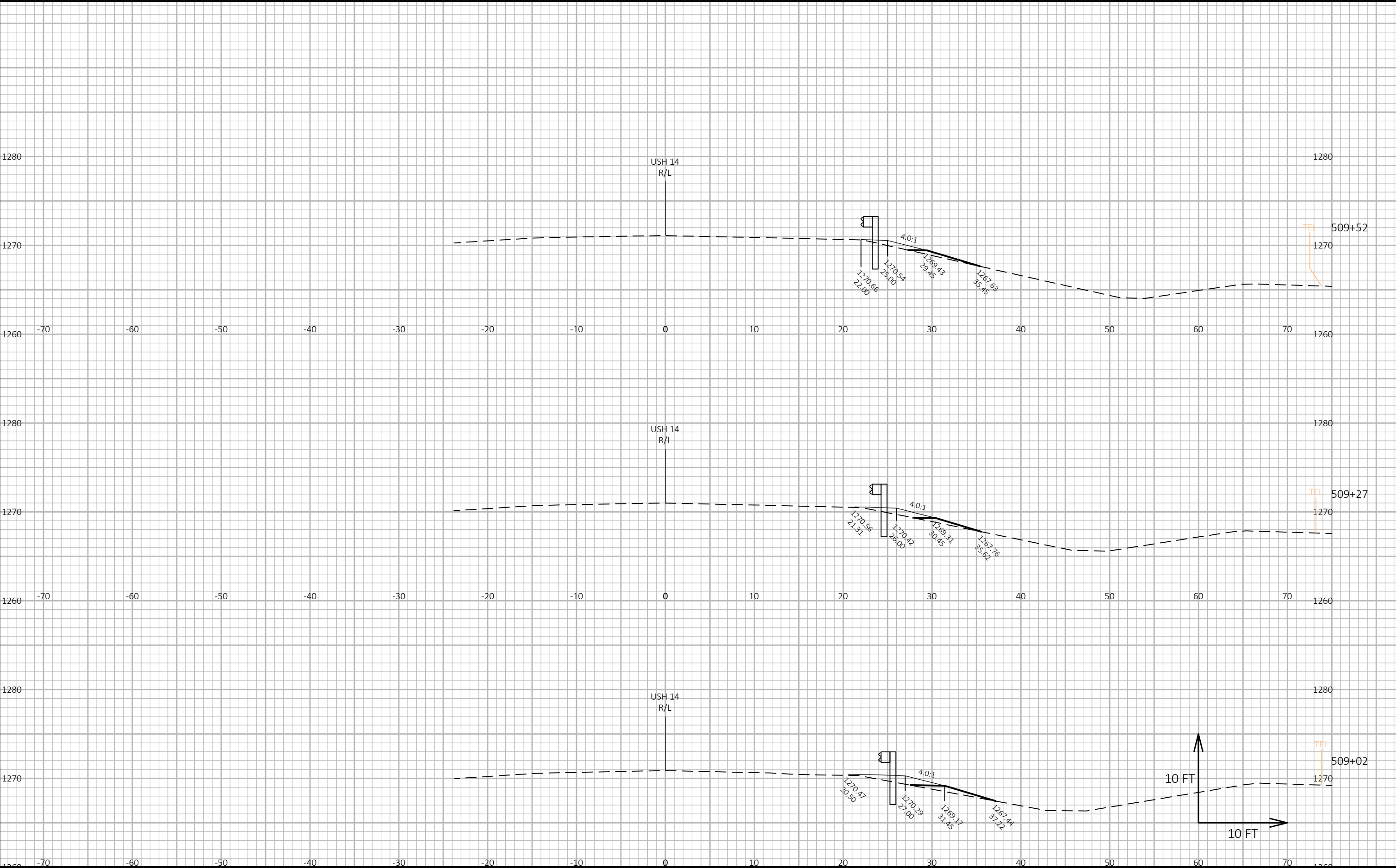
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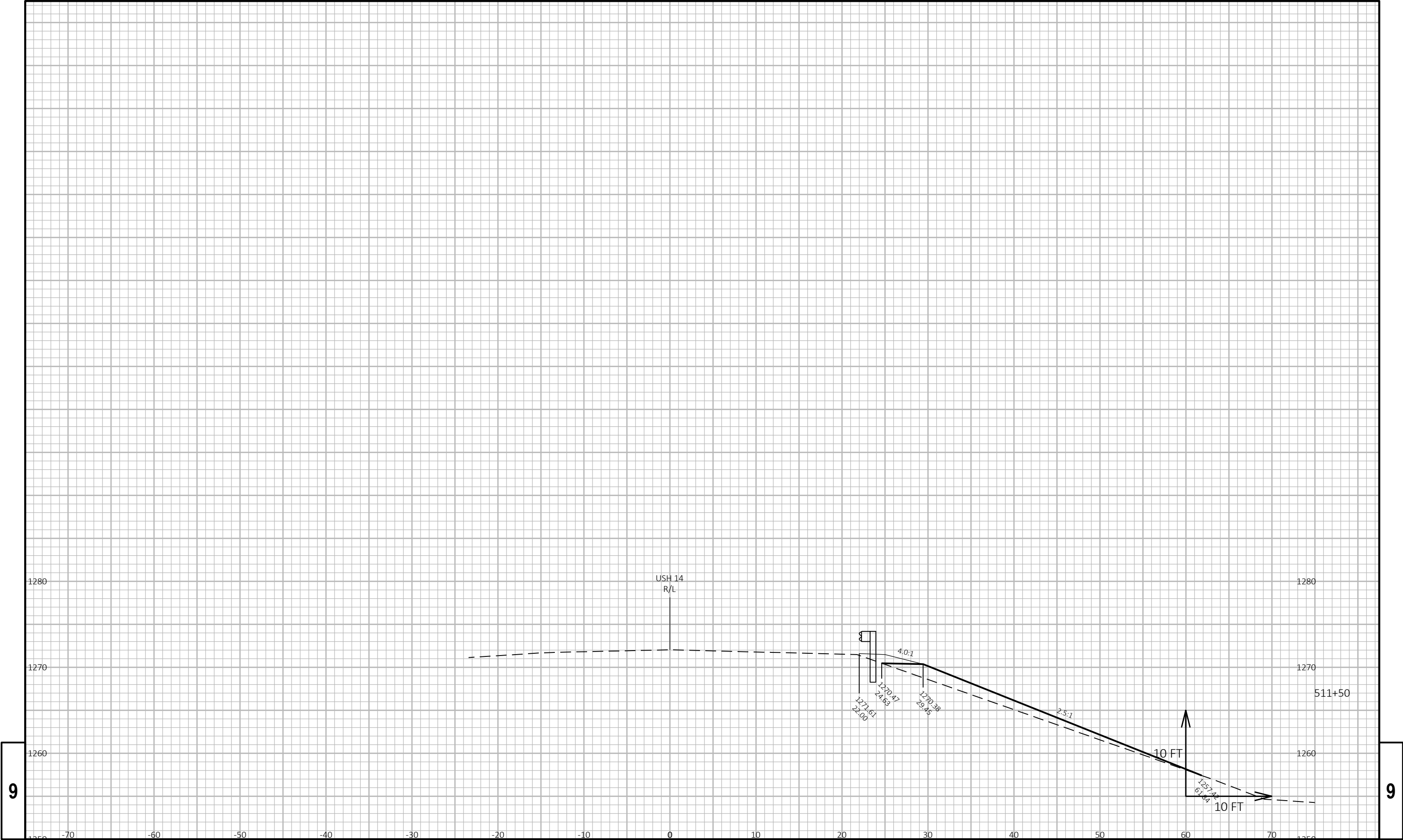
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PROJECT NO: 1640-03-72	HWY: USH 14	COUNTY: VERNON	CROSS SECTIONS: USH 14	SHEET E
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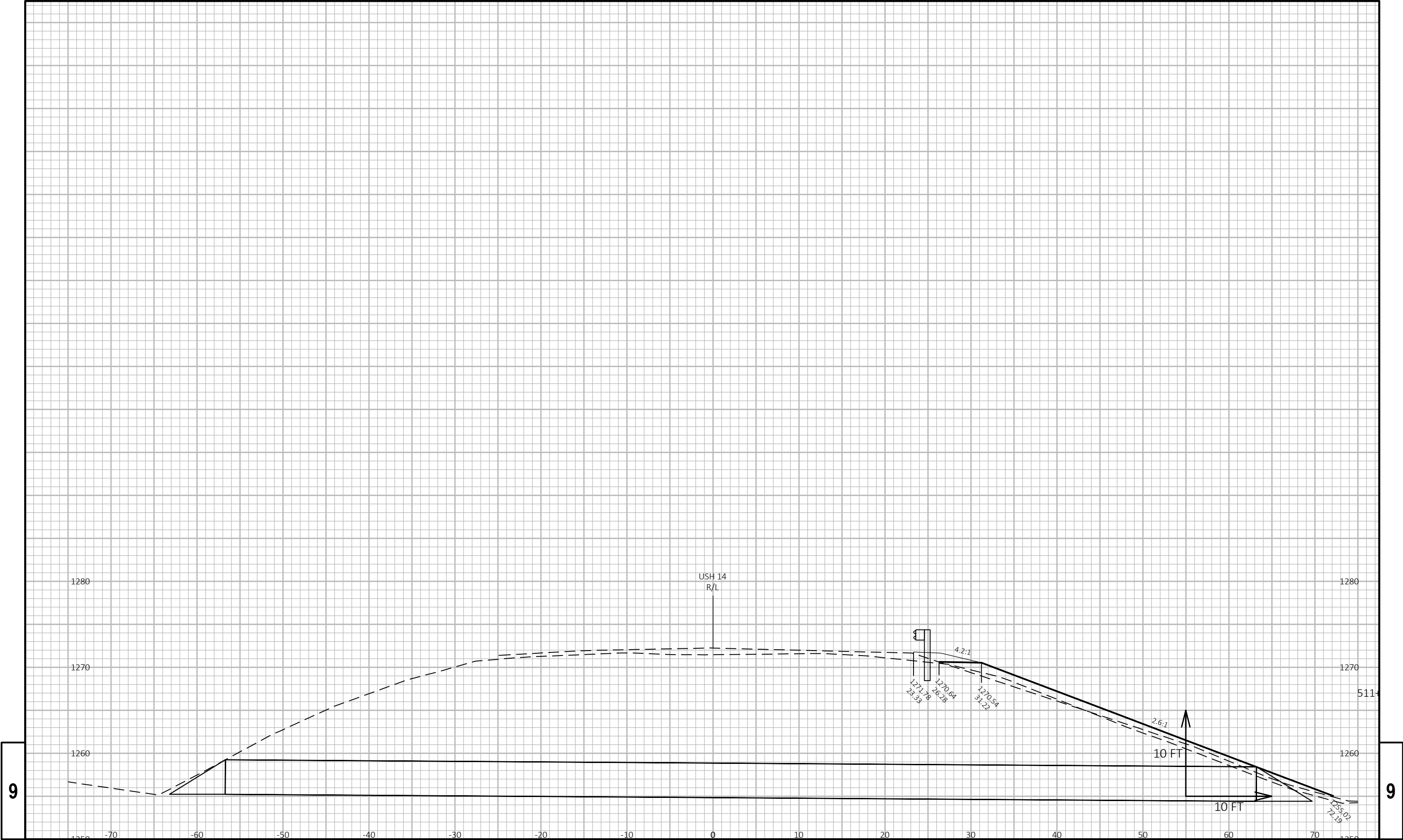


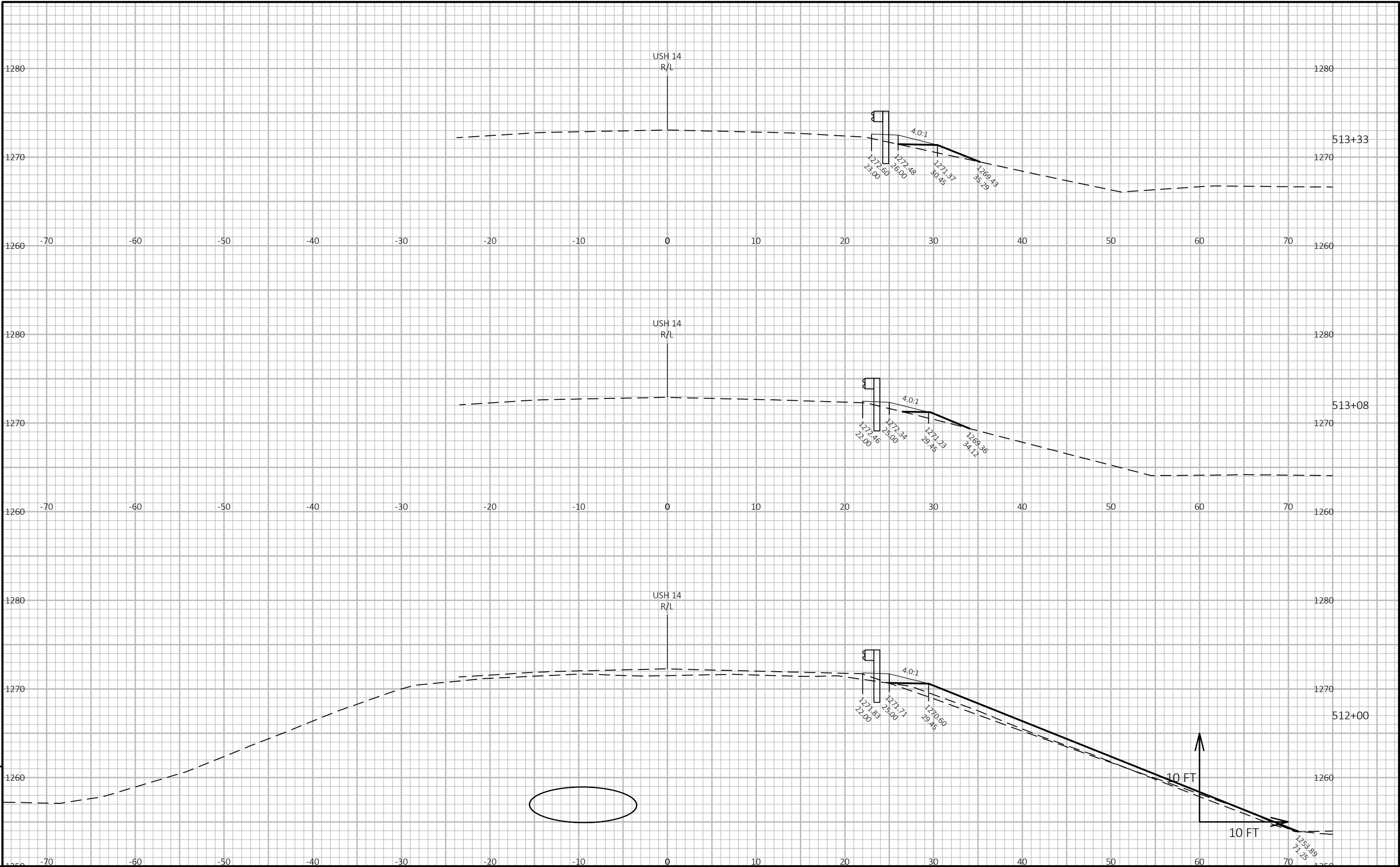






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	PROJECT NO: 1640-03-72				HWY: USH 14				COUNTY: VERNON				CROSS SECTIONS: USH 14				
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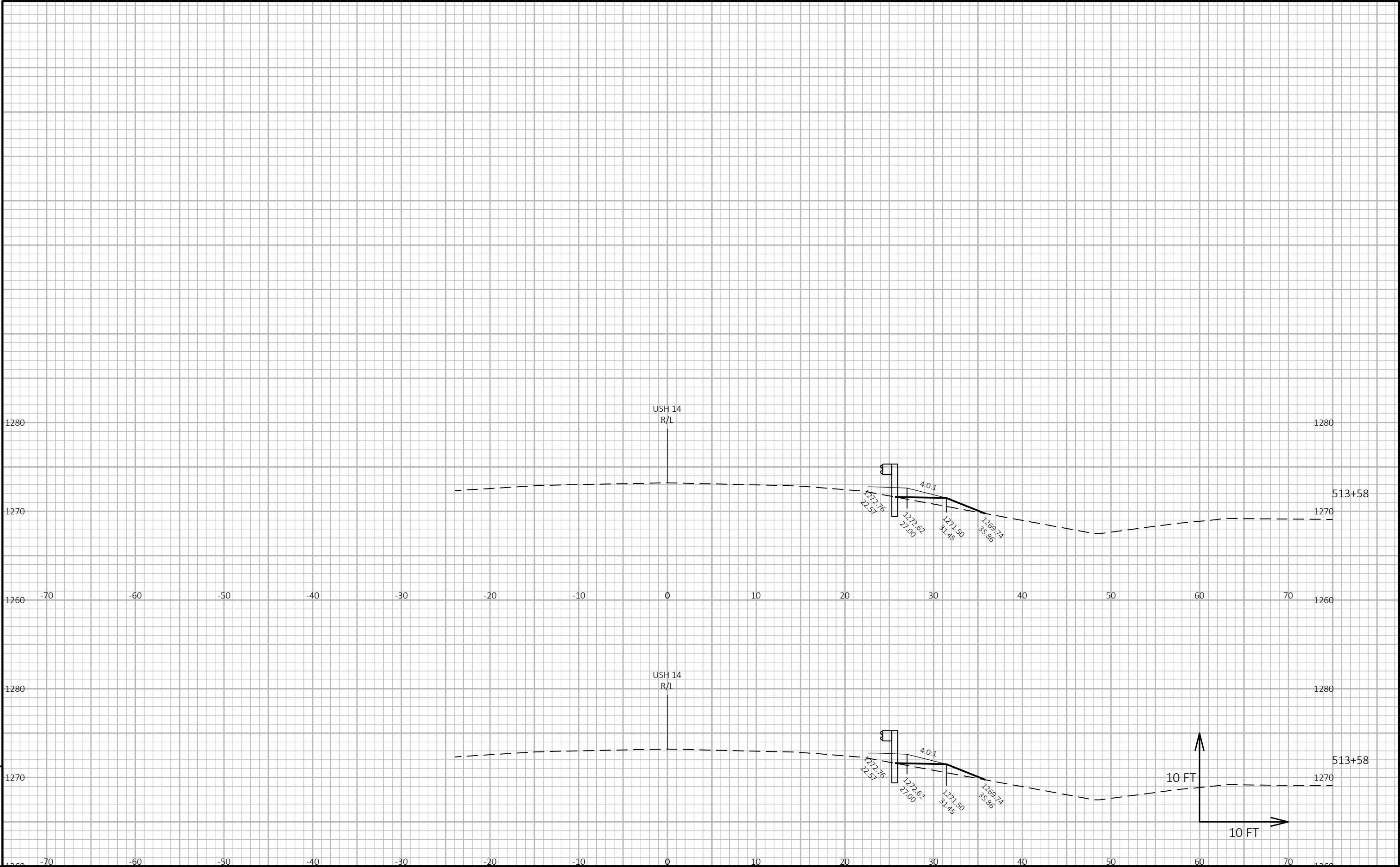


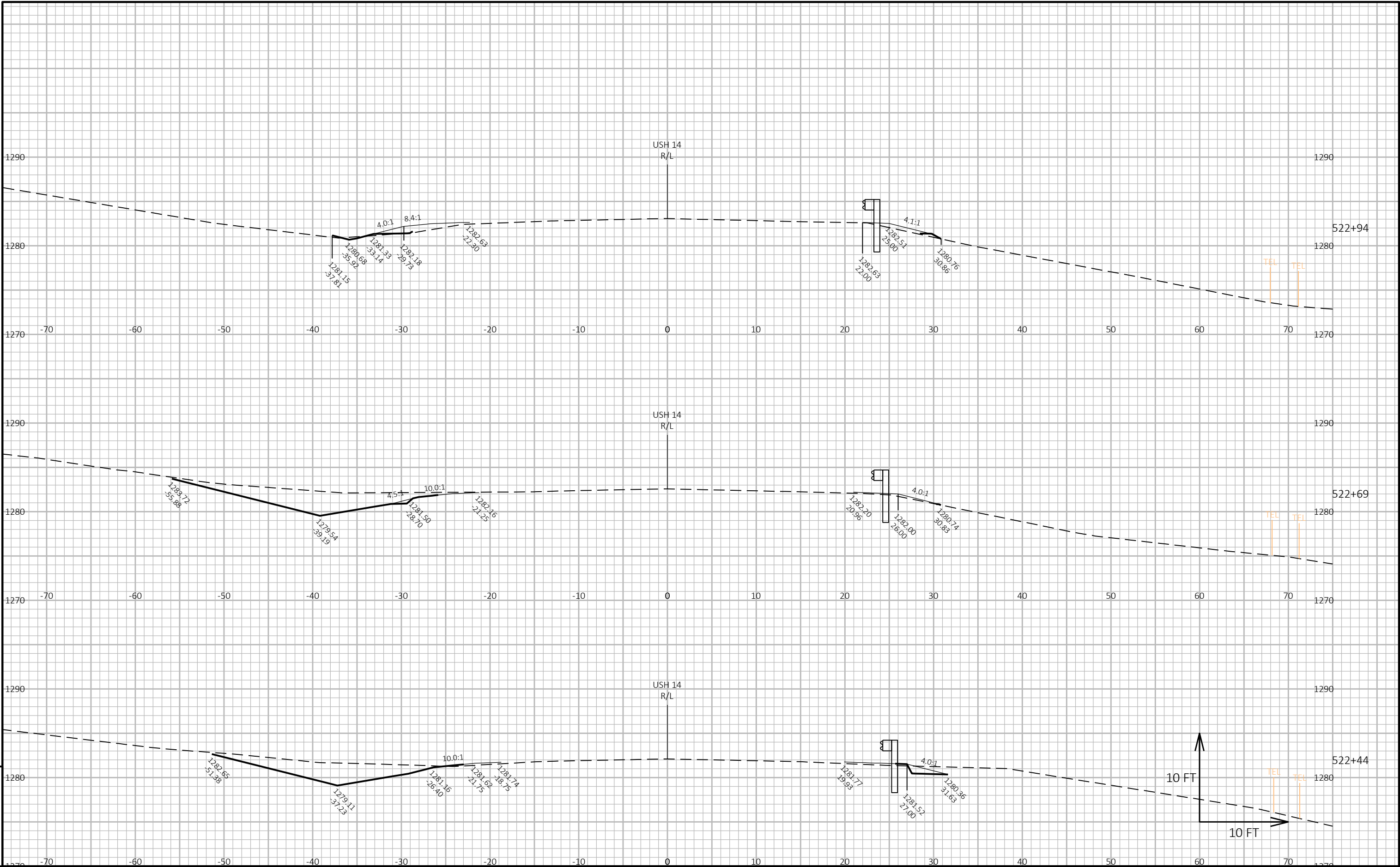


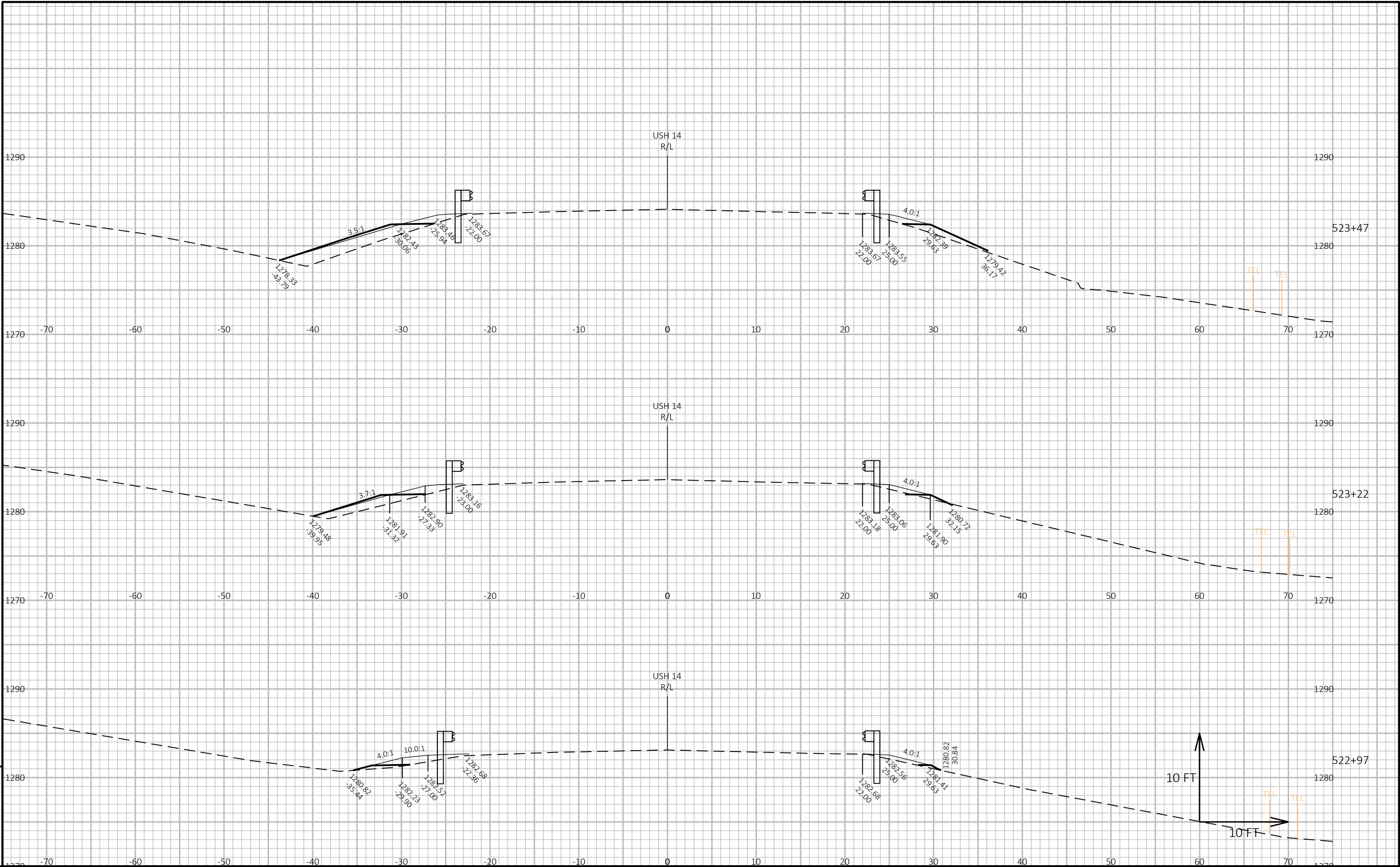
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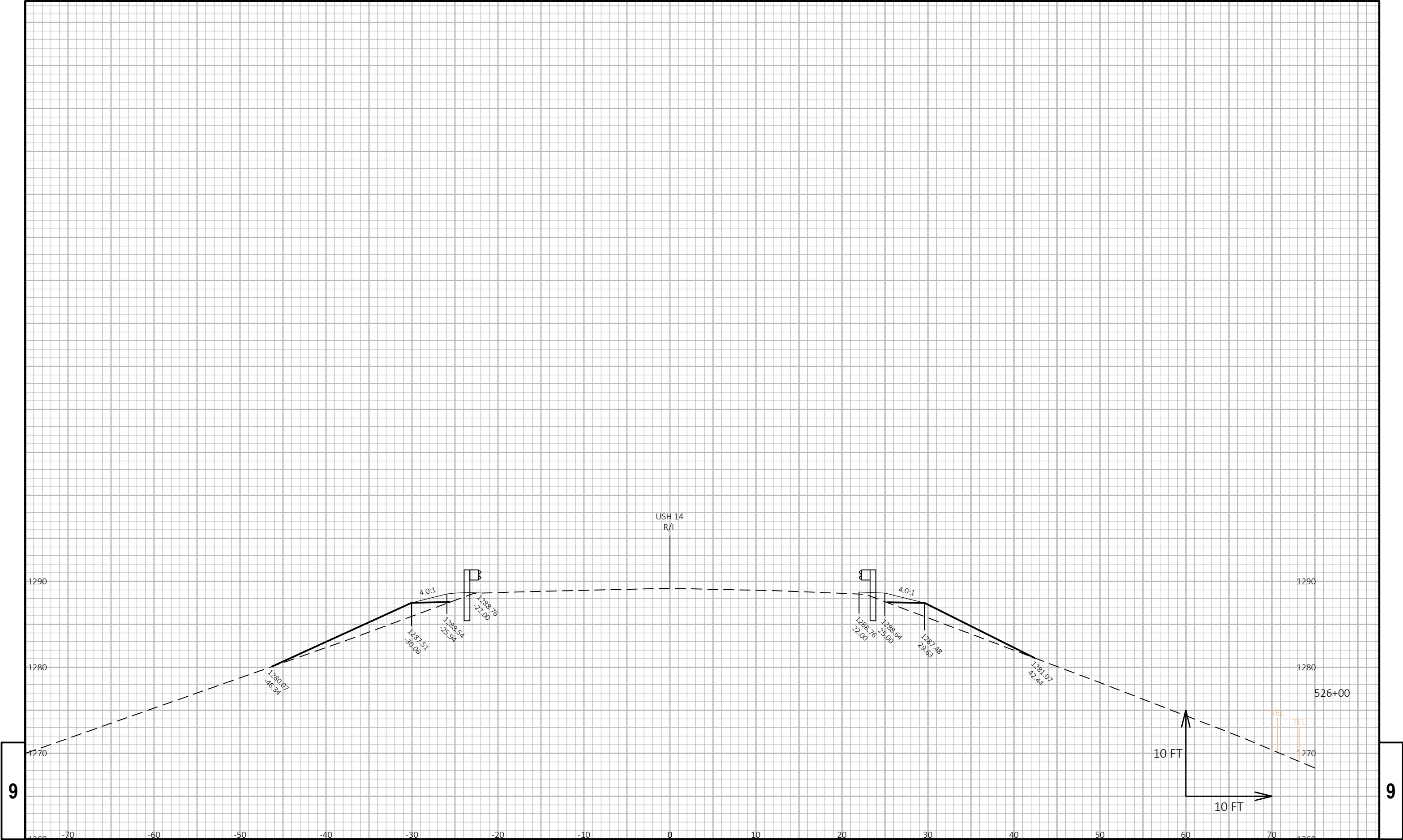
PROJECT NO: 1640-03-72	HWY: USH 14	COUNTY: VERNON	CROSS SECTIONS: USH 14	SHEET E
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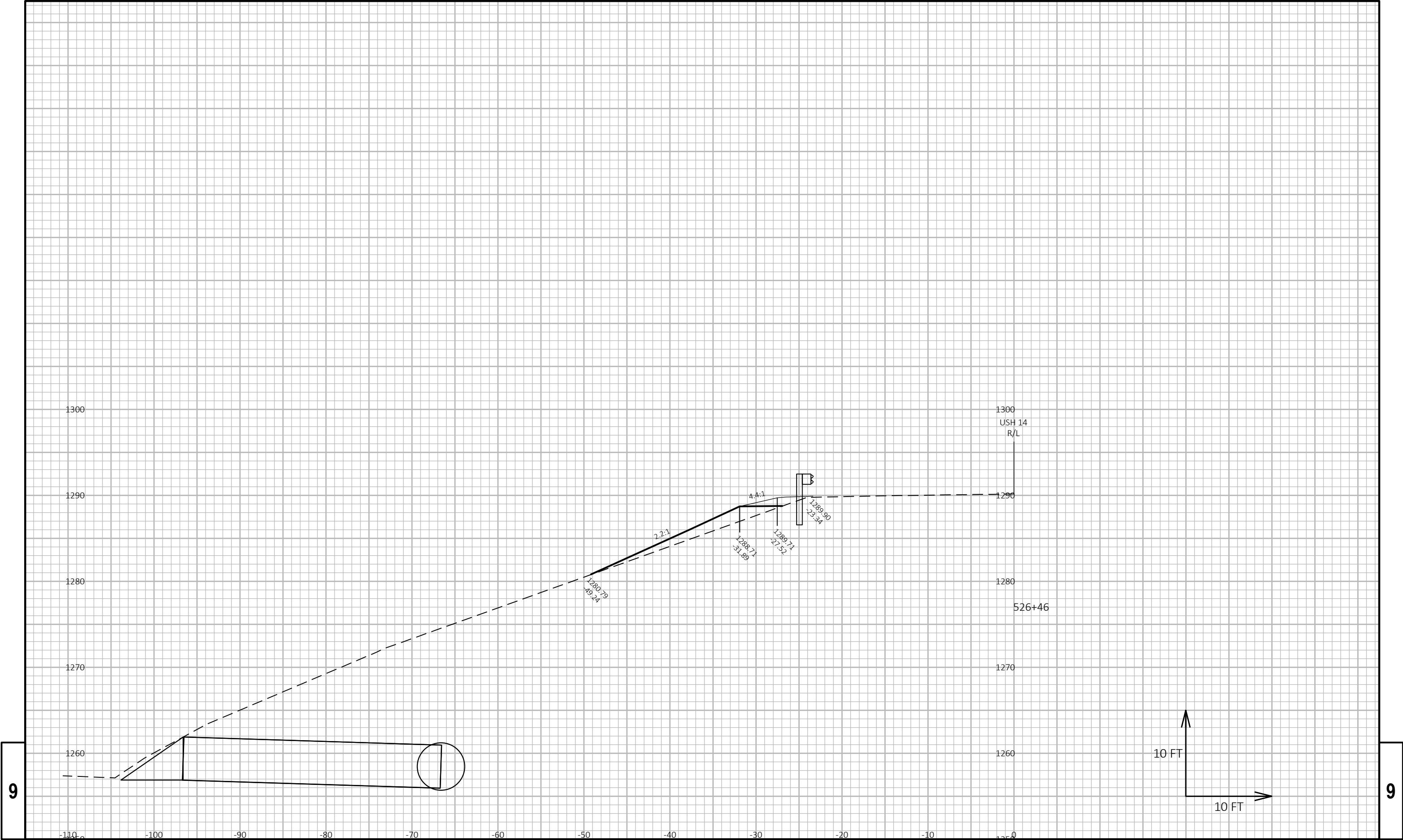






PROJECT NO: 1640-03-72	HWY: USH 14	COUNTY: VERNON	CROSS SECTIONS: USH 14	SHEET E
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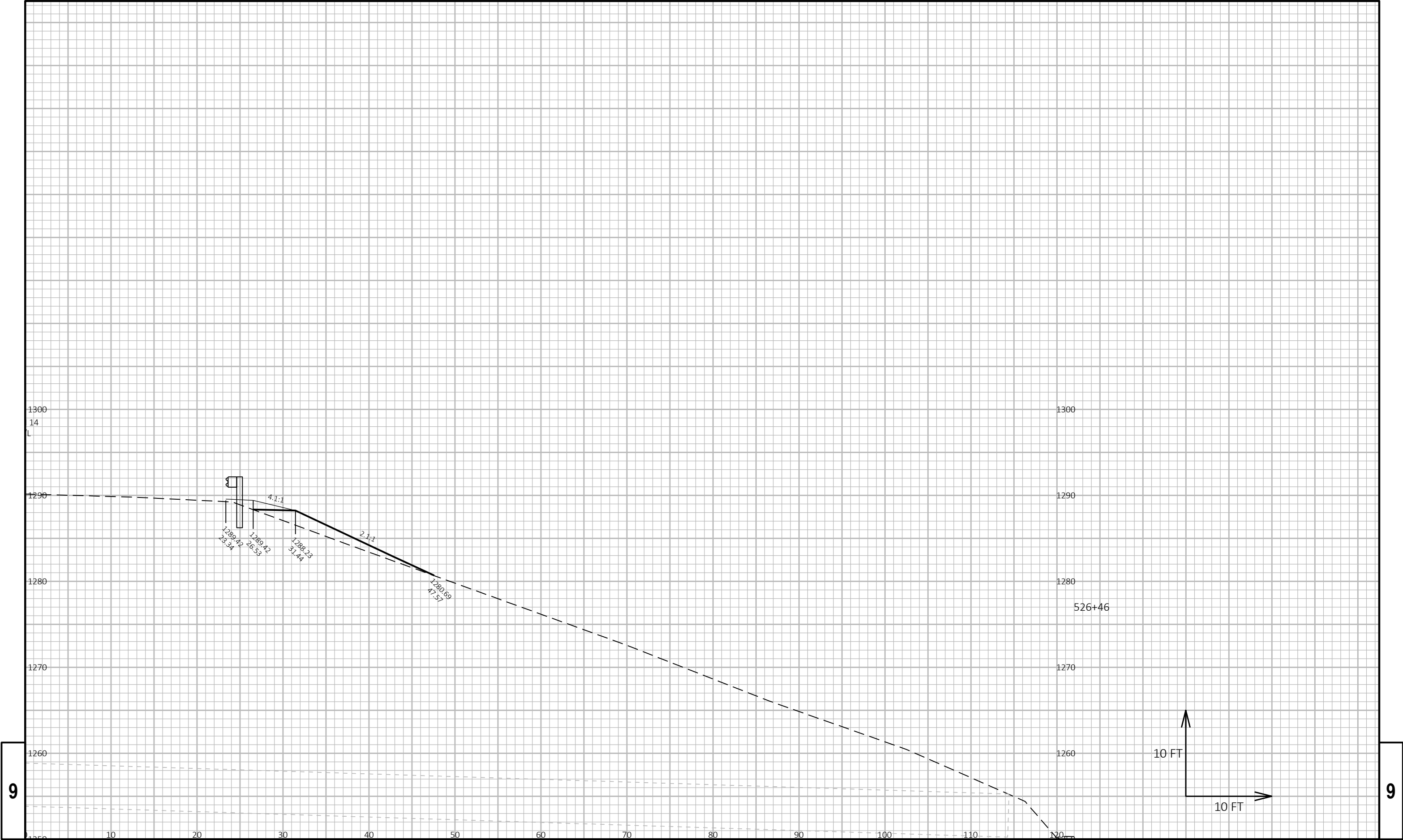


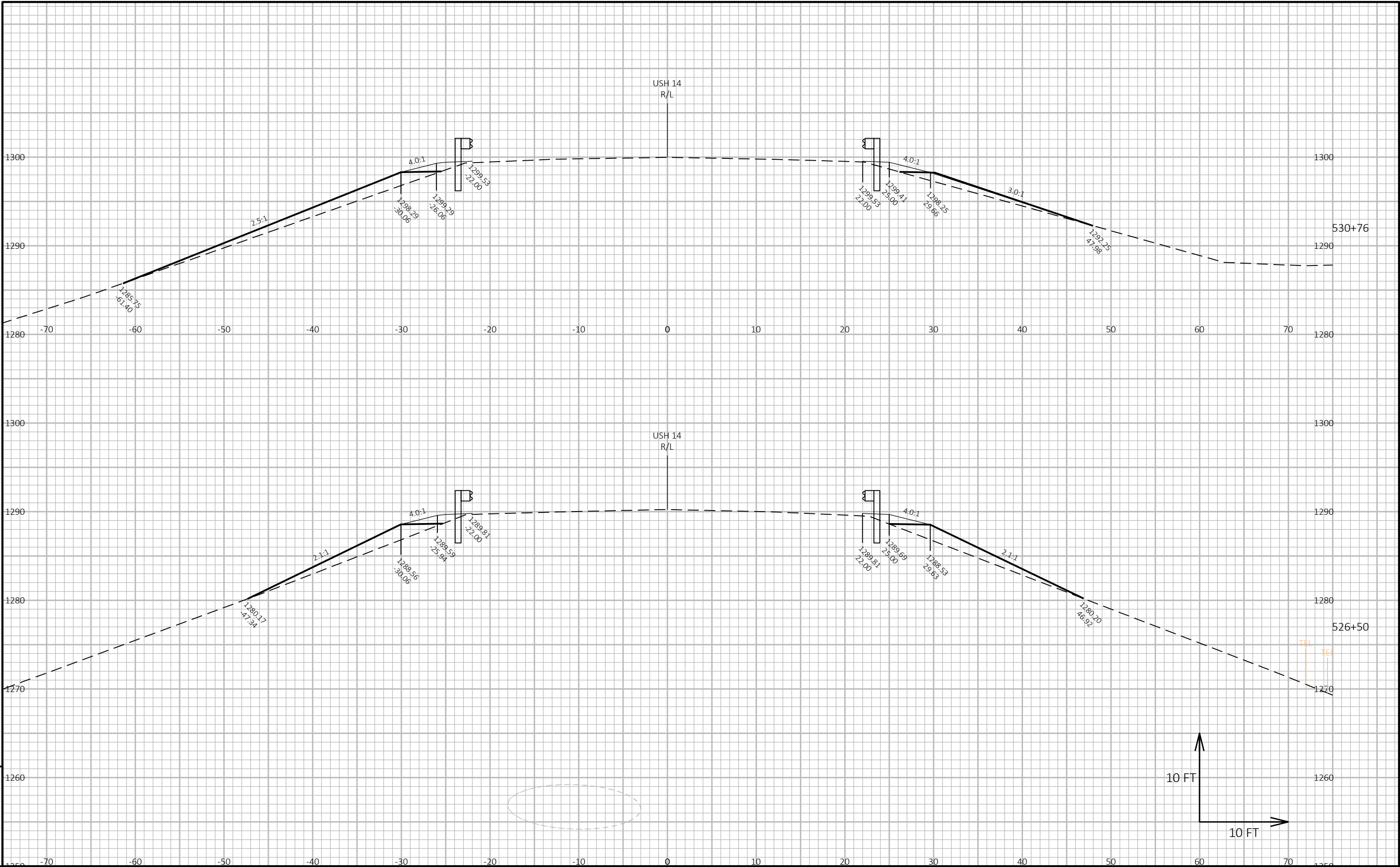


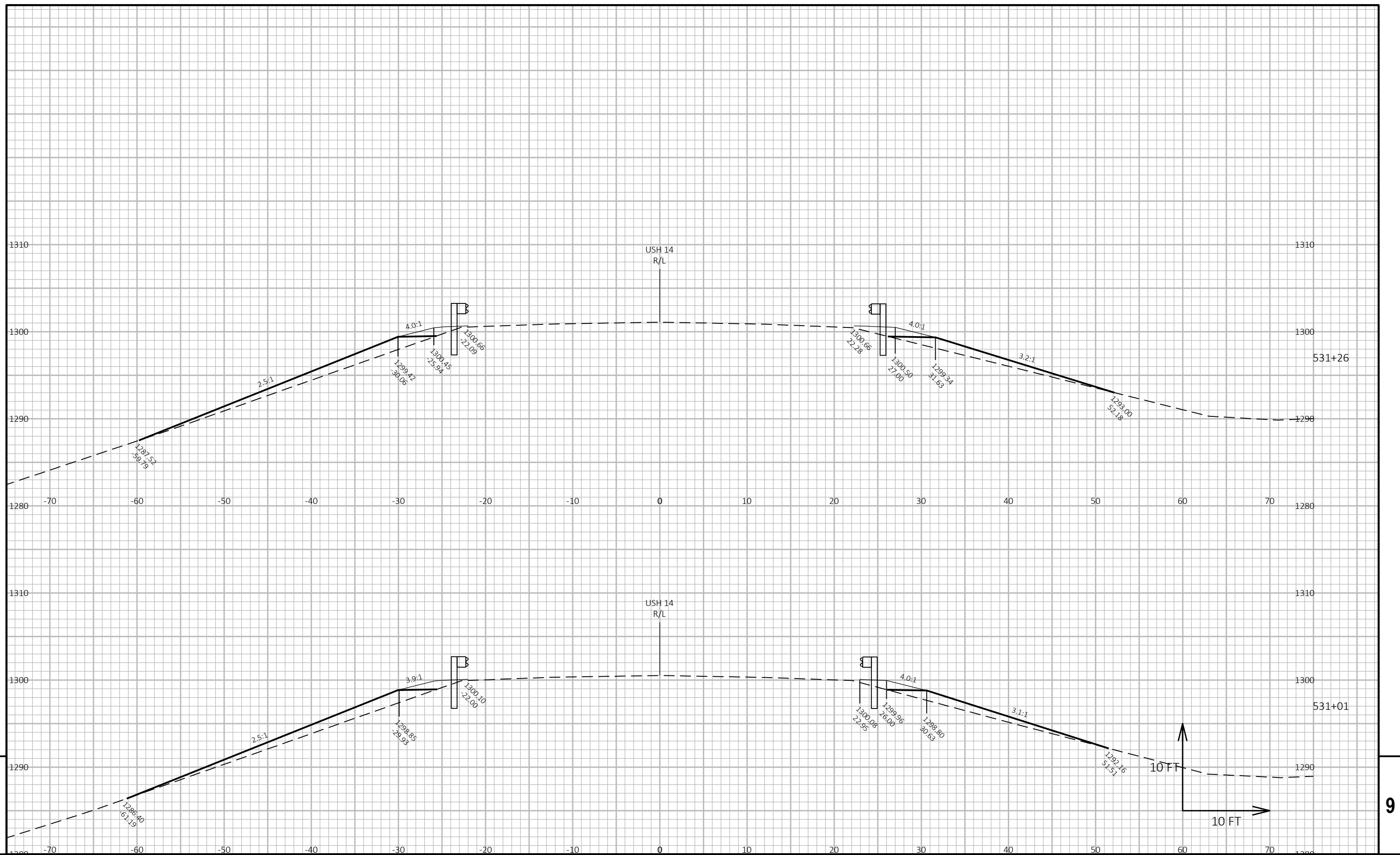
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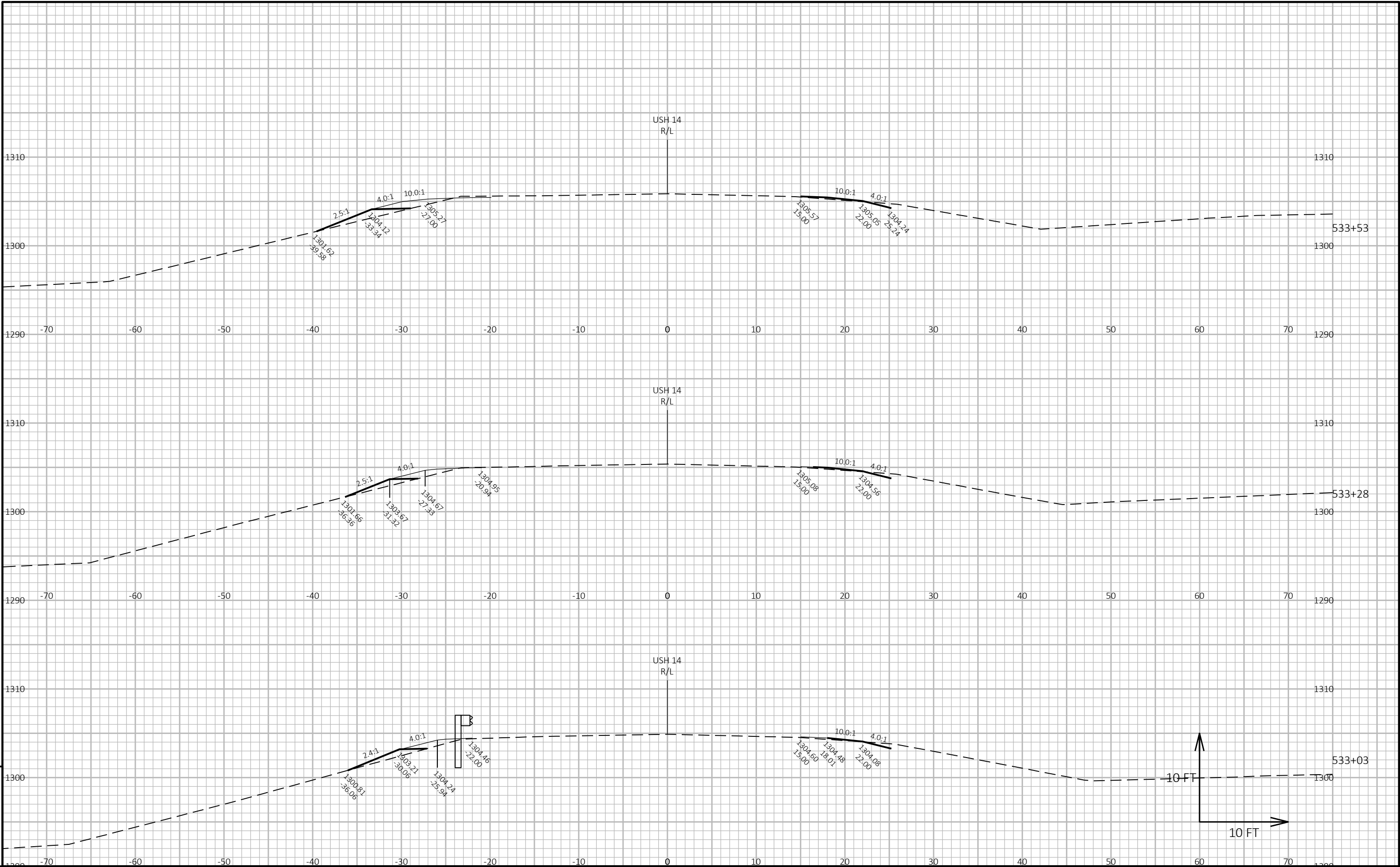
PROJECT NO: 1640-03-72	HWY: USH 14	COUNTY: VERNON	CROSS SECTIONS: USH 14	SHEET E
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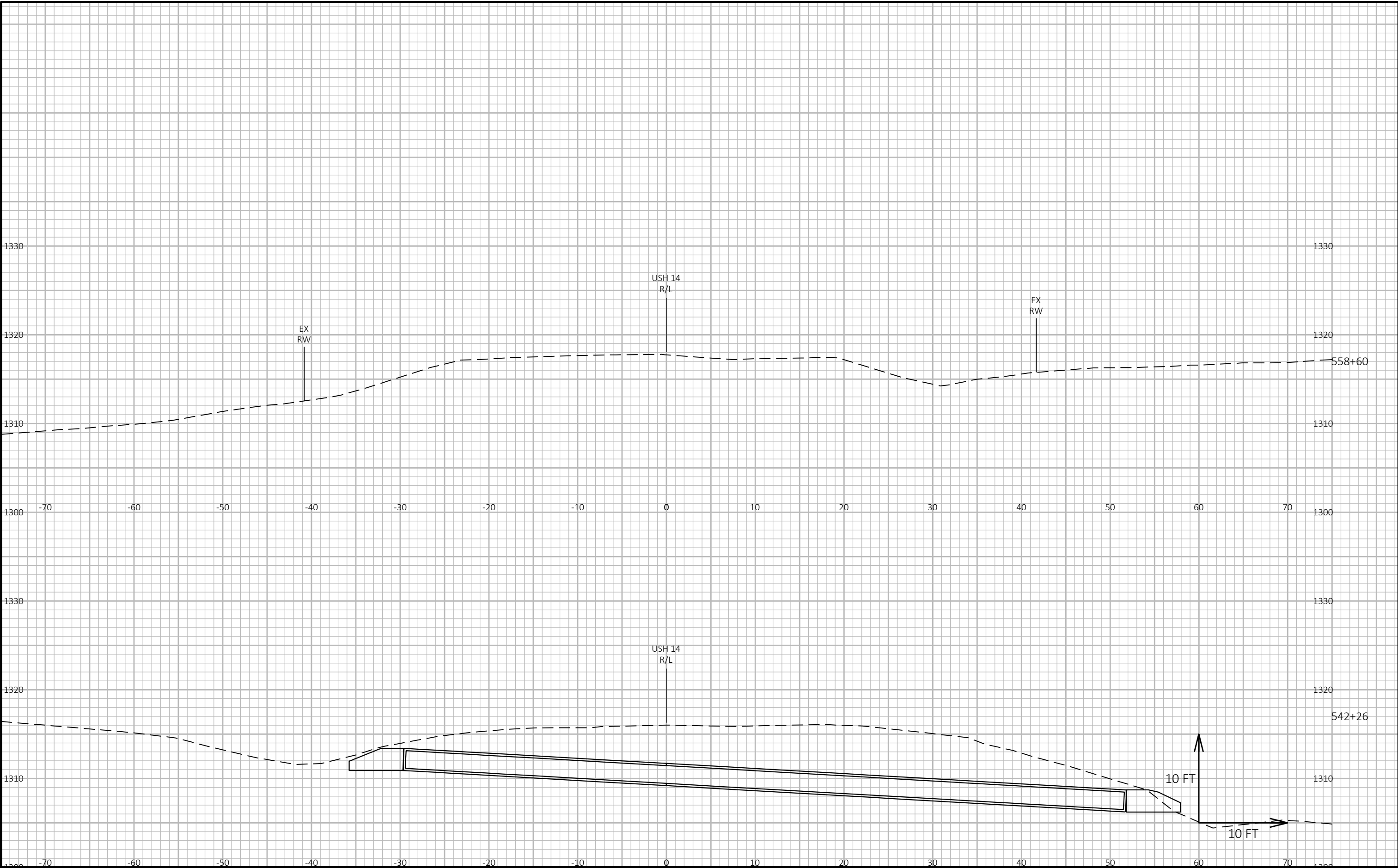


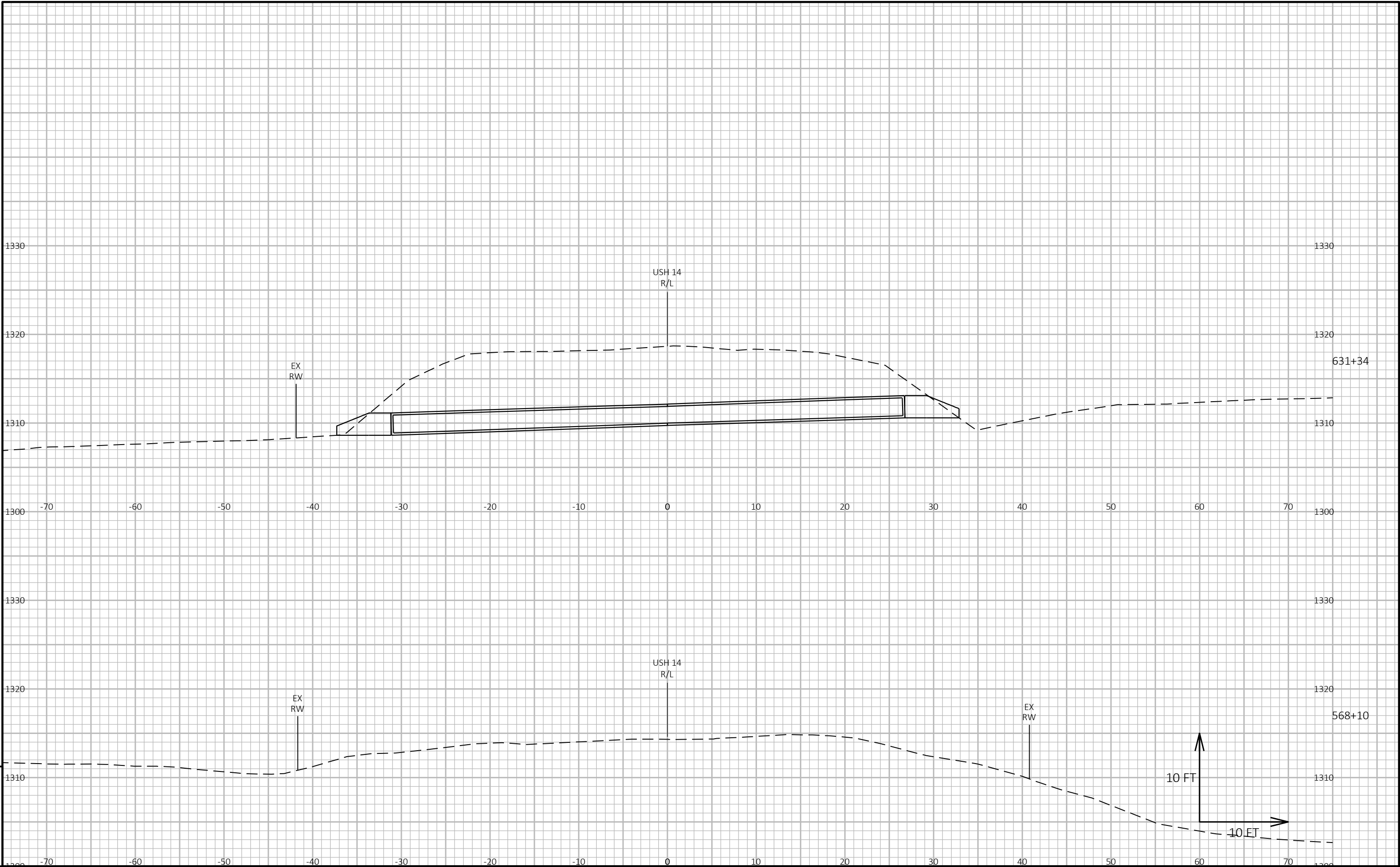




PROJECT NO:	1640-03-72	HWY:	USH 14	COUNTY:	VERNON	CROSS SECTIONS:	USH 14	SHEET	E
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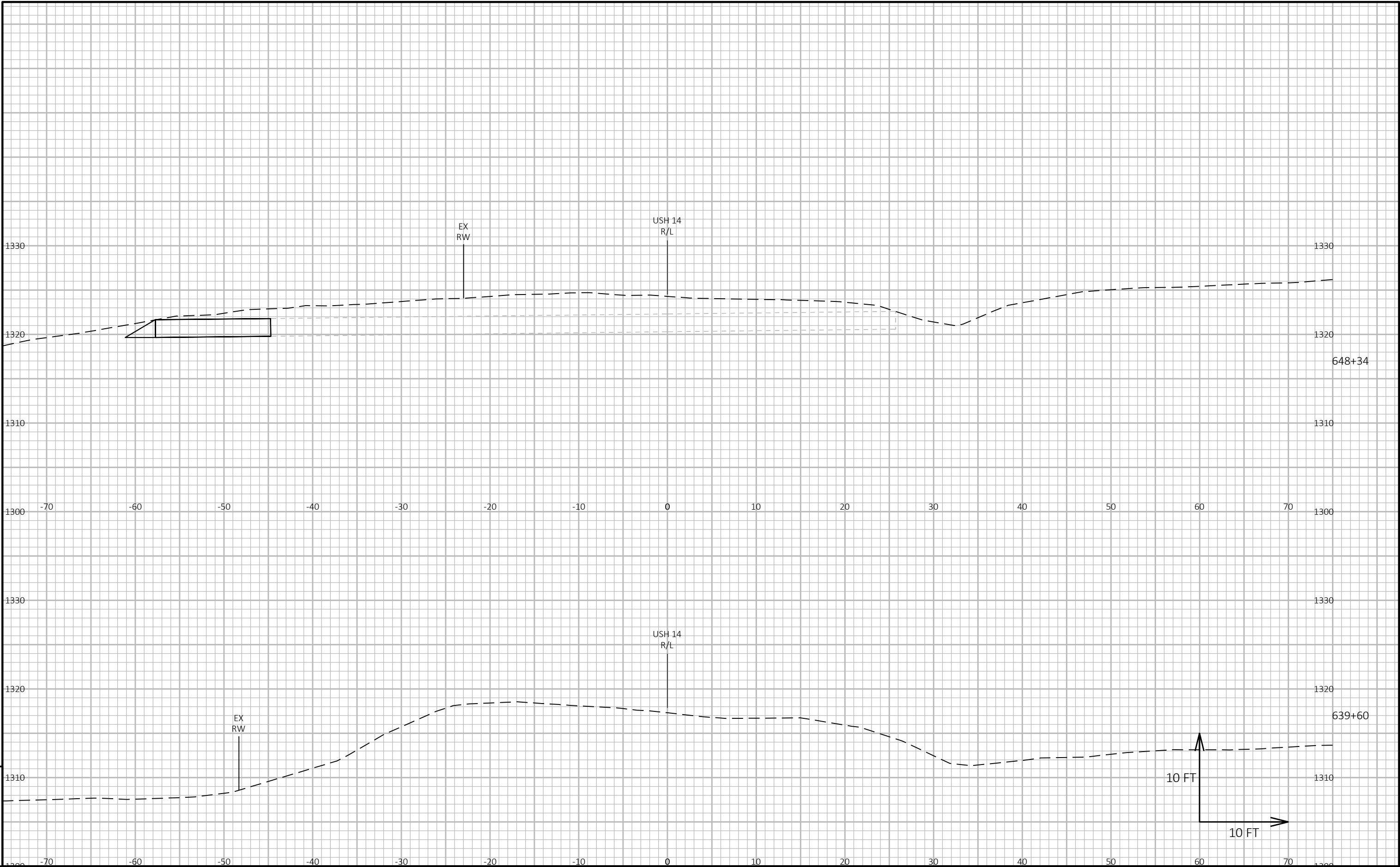


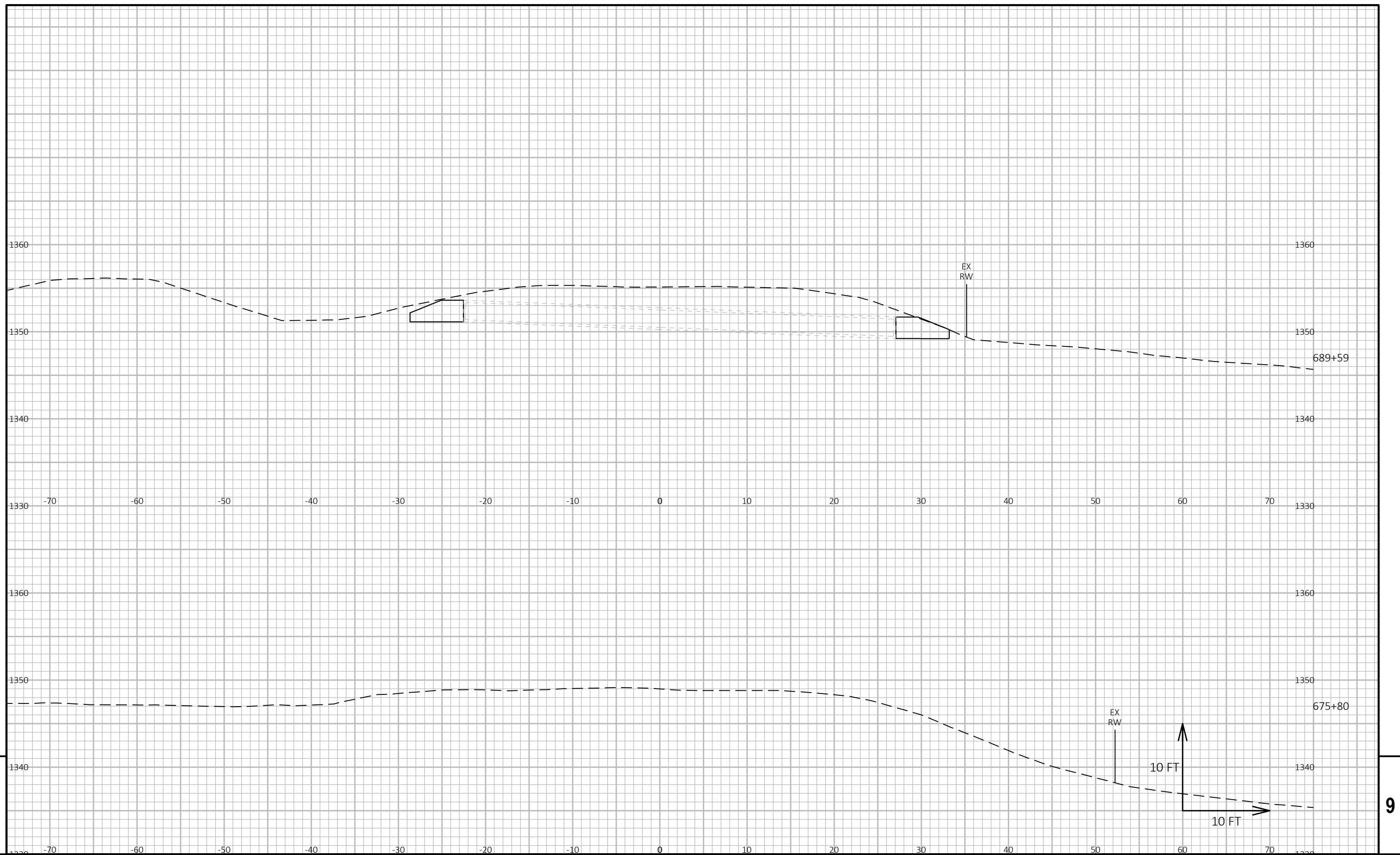
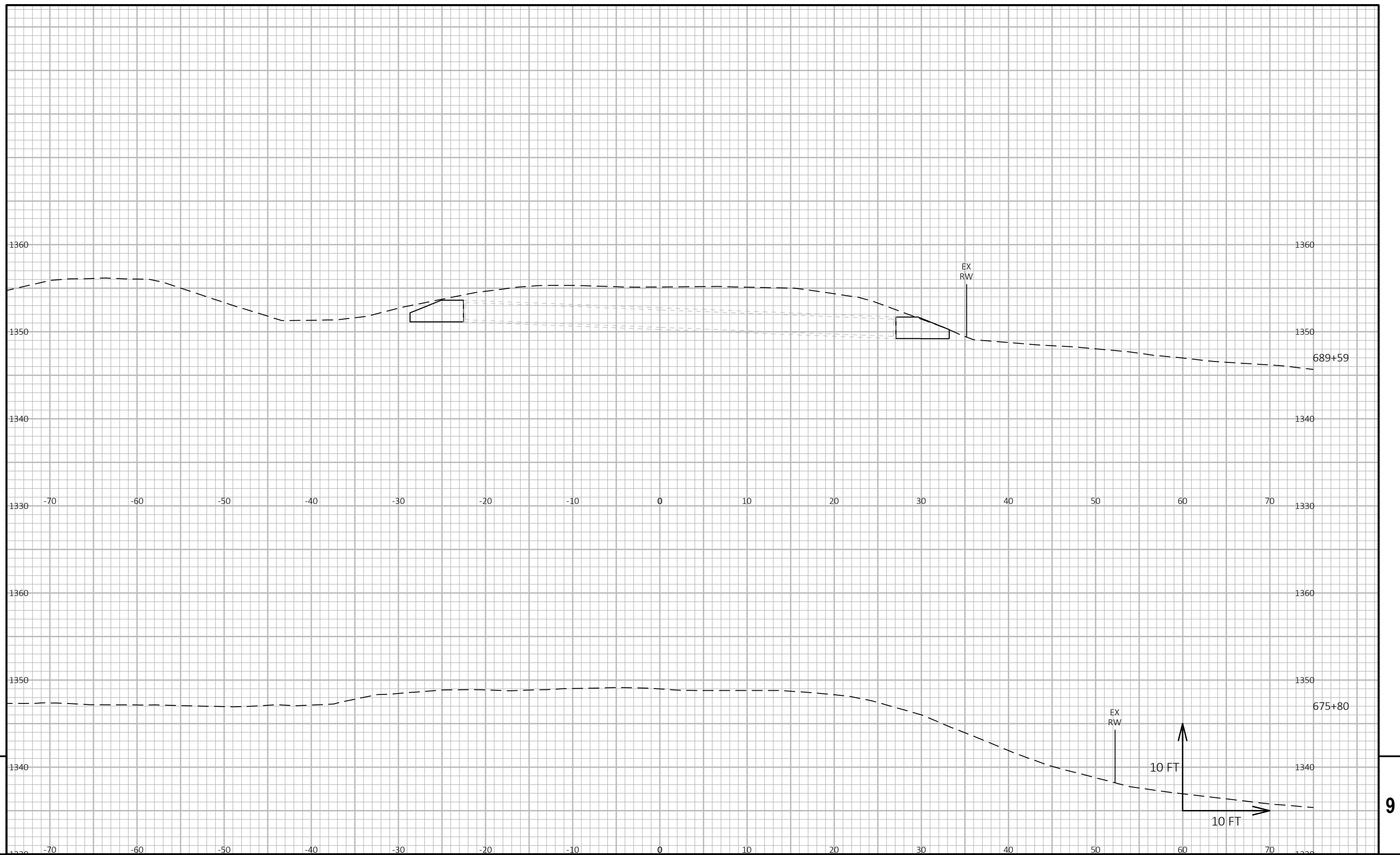


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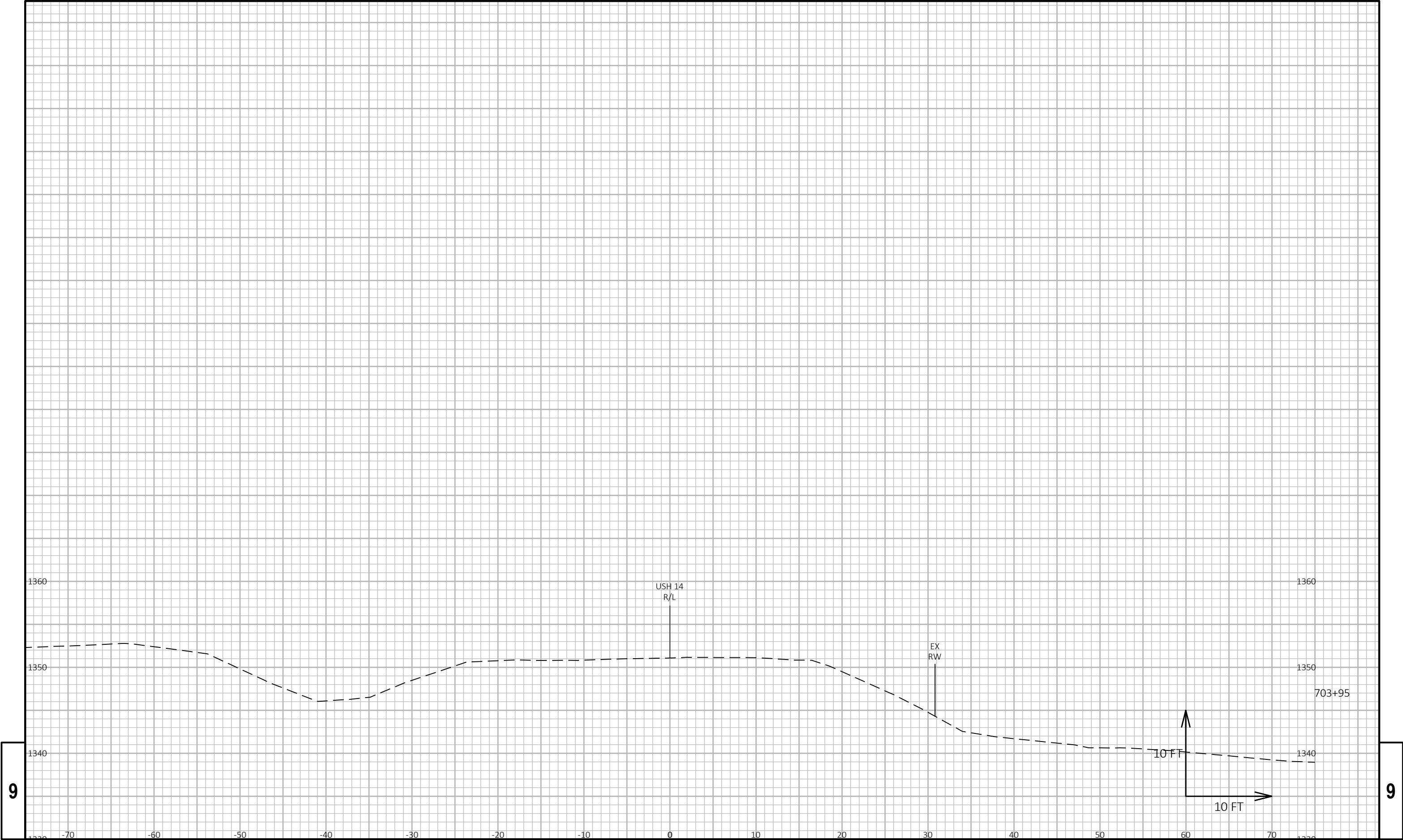
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PROJECT NO:	1640-03-72	HWY:	USH 14	COUNTY:	VERNON	CROSS SECTIONS:	USH 14	SHEET	E
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PROJECT NO: 1640-03-72	HWY: USH 14	COUNTY: VERNON	CROSS SECTIONS: USH 14	SHEET E
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