

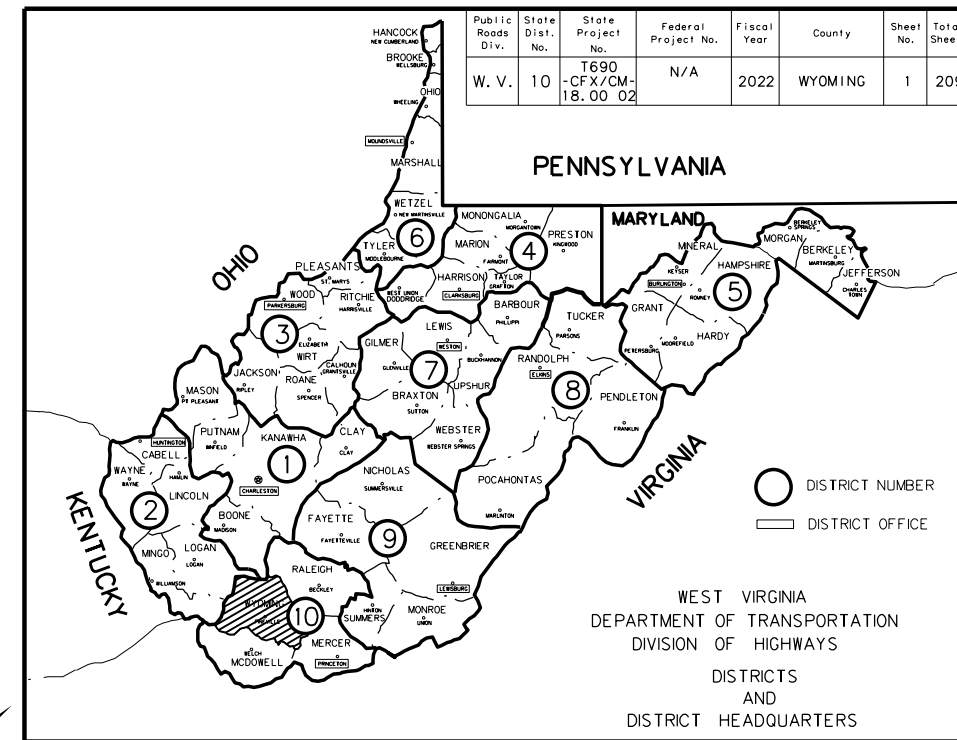
WEST VIRGINIA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS RIGHT OF WAY PLANS

OF STATE HIGHWAY

FEDERAL PROJECT NO. N/A
STATE PROJECT NO. T690-CFX/CM-18.00 02
ROUTE NO. US 121
CENTER & SLAB FORK DISTRICTS
WYOMING COUNTY

COALFIELDS EXPRESSWAY

Station	Station	f.t.	mile(s)
R/W PROJECT	4969+51 to 5422+60	45,309	8.581

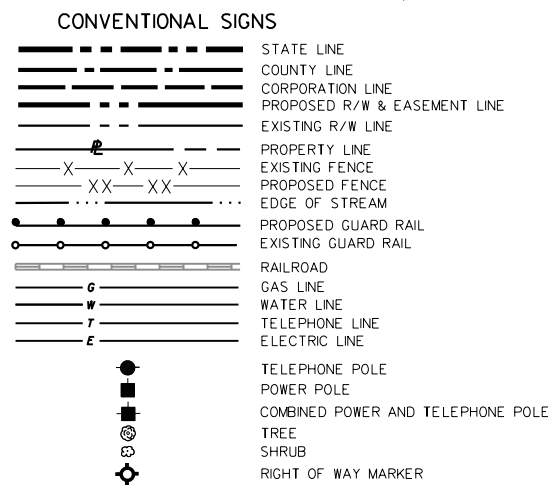
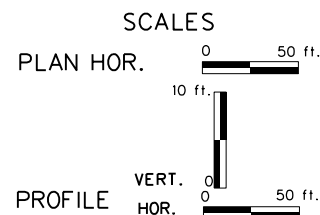
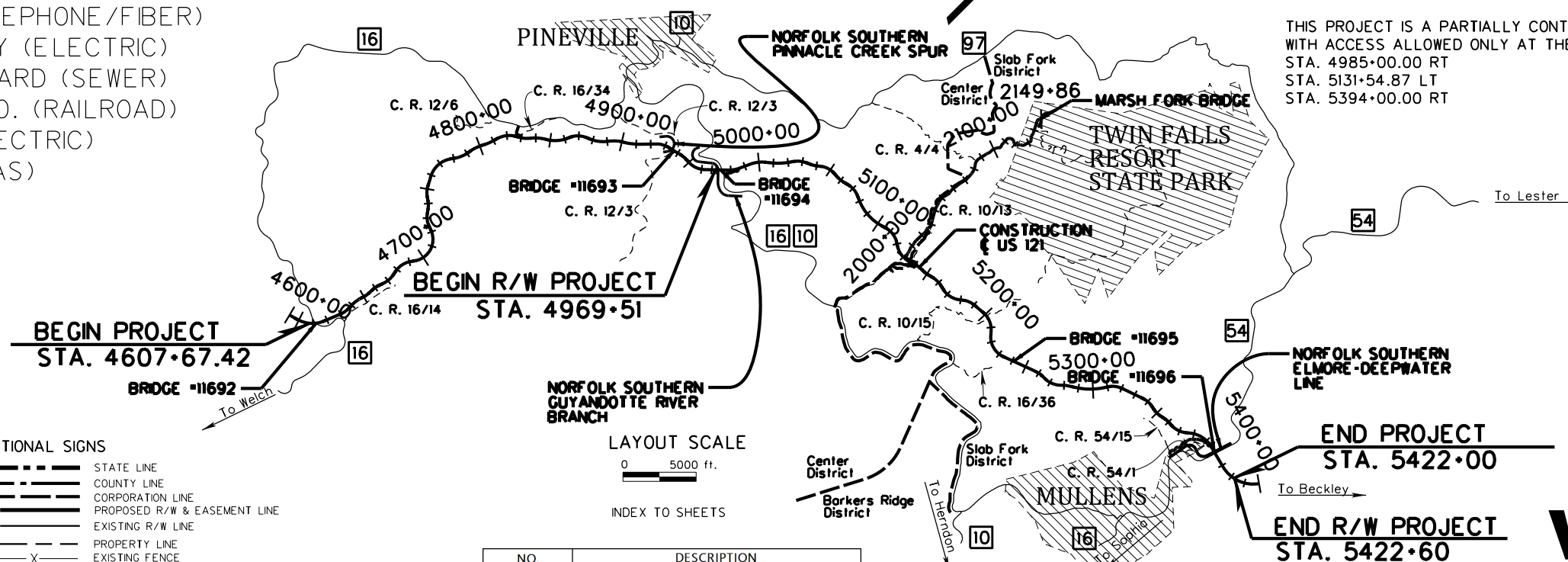


SUBMISSION:
RW-3

THIS PROJECT IS A PARTIALLY CONTROLLED ACCESS FACILITY WITH ACCESS ALLOWED ONLY AT THE FOLLOWING LOCATIONS:
STA. 4985+00.00 RT
STA. 5131+54.87 LT
STA. 5394+00.00 RT

UTILITIES ENCOUNTERED

- RAVENCLIFF-MCGRAWS-SAULSVILLE PSD (WATER)
- FRONTIER COMMUNICATIONS (TELEPHONE/FIBER)
- BLACK DIAMOND POWER COMPANY (ELECTRIC)
- CITY OF MULLENS SANITARY BOARD (SEWER)
- NORFOLK SOUTHERN RAILWAY CO. (RAILROAD)
- AMERICAN ELECTRIC POWER (ELECTRIC)
- MOUNTAINEER GAS COMPANY (GAS)
- EASTERN WYOMING PSD (WATER)
- SHENTEL (TELEPHONE/FIBER)
- TC ENERGY (GAS)



DESIGN DESIGNATION
A . D . T (20' -) - - - - -
A . D . T (20' -) - - - - -
D . H . V . - - - - -
D . - - - - -
T . - - - - -
V . - - - - -

NO.	DESCRIPTION
1	TITLE SHEET
2-4	SHEET LAYOUT
5-16	OWNERSHIP INDEX
17	UTILITY INDEX
18-36	PROPERTY AND MINERAL MAPS
37-123	RIGHT OF WAY PLAN SHEETS
124-138	SURVEY REFERENCE POINTS
139-150	GEOMETRIC LAYOUT
151-153	TYPICAL SECTIONS
154-209	PROFILE SHEETS

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

I HEREBY CERTIFY THAT THIS IS A CORRECT COPY OF THE PLANS OF PROJECT T690-CFX/CM-18.00 D2



Whitman, Reardon & Associates, LLP
300 Summers Street, Suite 810, Charleston, WV 25301

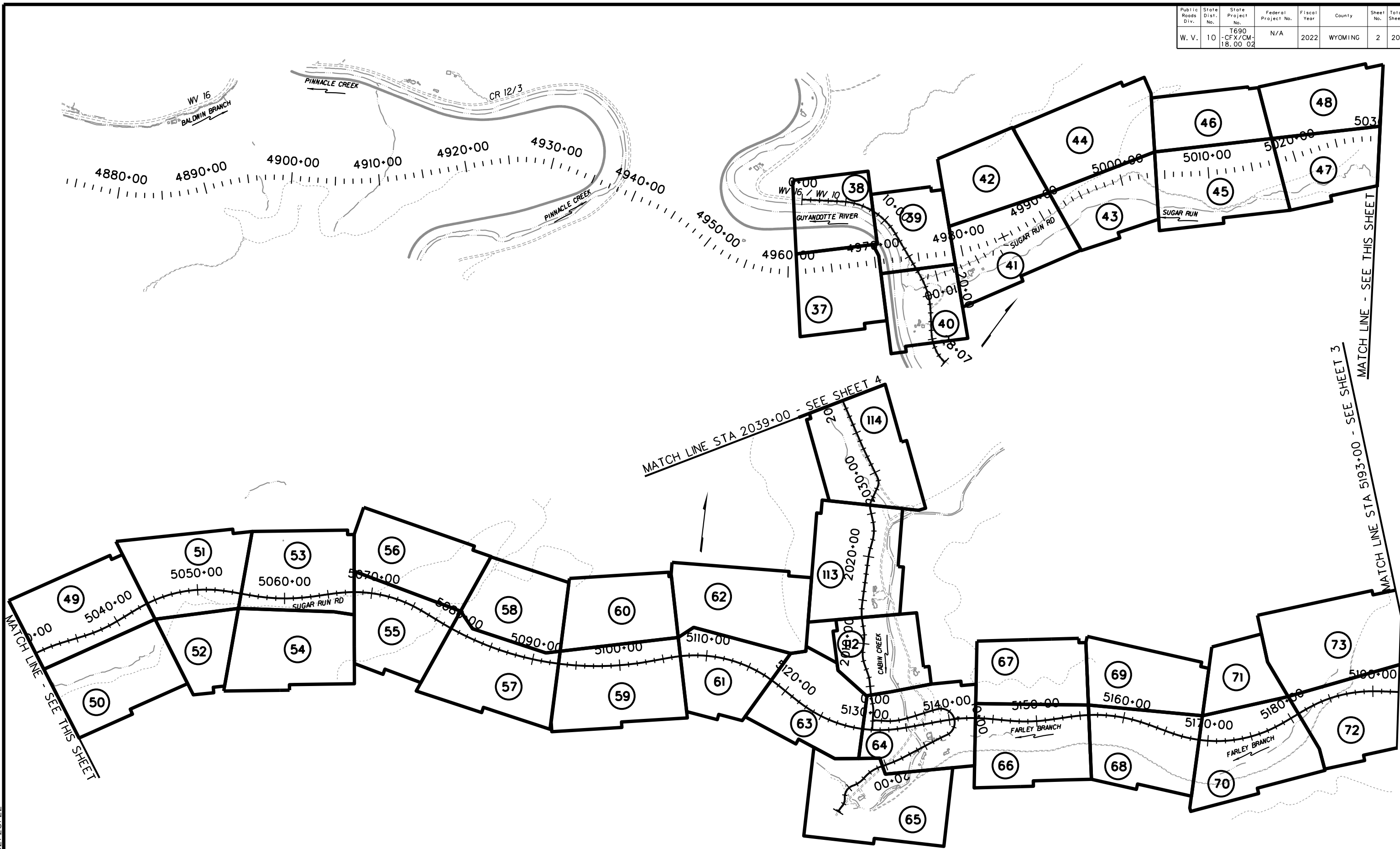
RECOMMENDED DESIGNER
RECOMMENDED FOR APPROVAL STATE HIGHWAY ENGINEER
APPROVED COMMISSIONER OF HIGHWAYS

02/28/22

PROJECT NO.: T690-CFX/CM-18.00 02

28-MAY-2022 08:38 PM

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	2	209



R/W-3 02/28/22

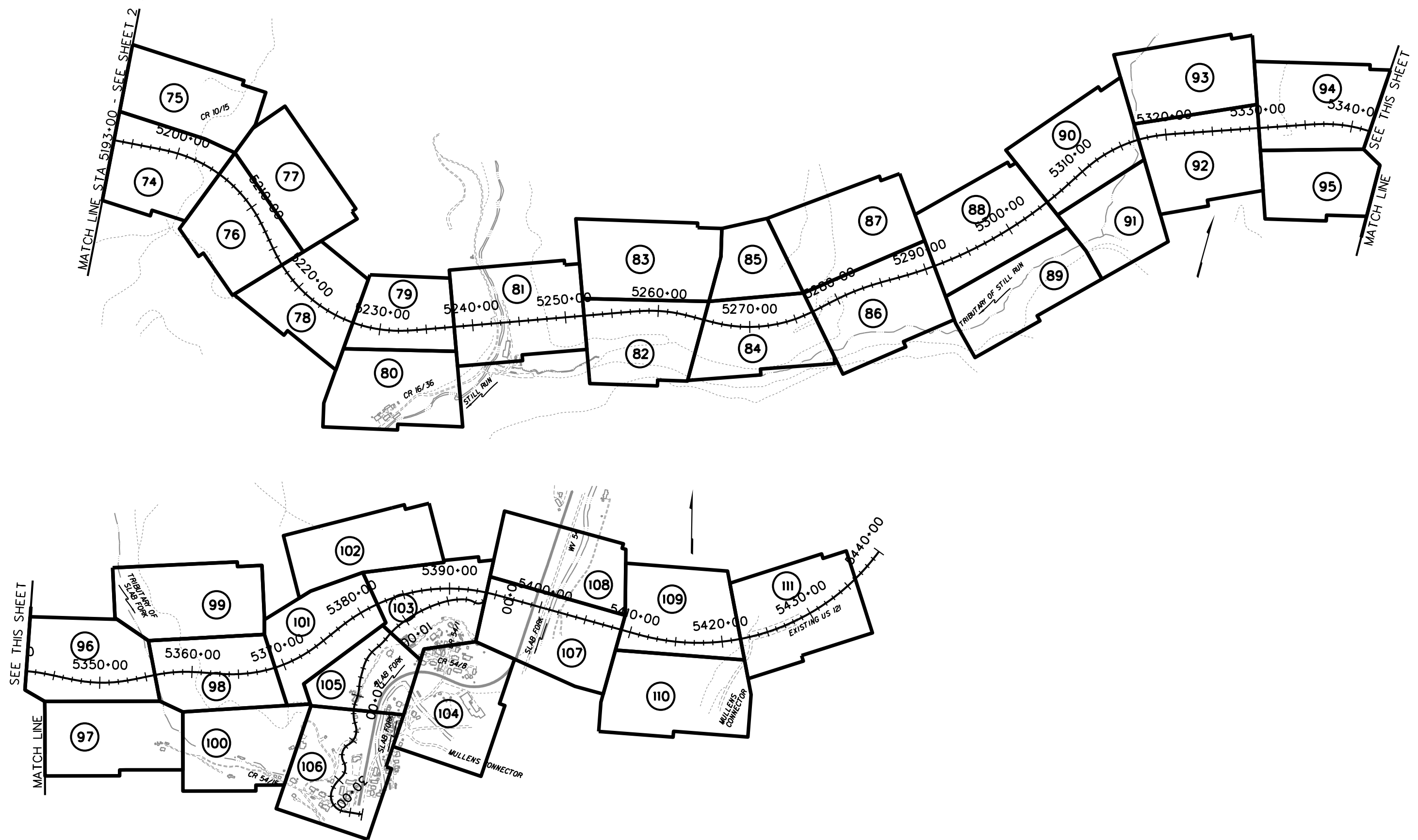


SCALE : 0 500 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
SHEET LAYOUT
(1 OF 3)

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	3	209



R/W-3 02/28/22



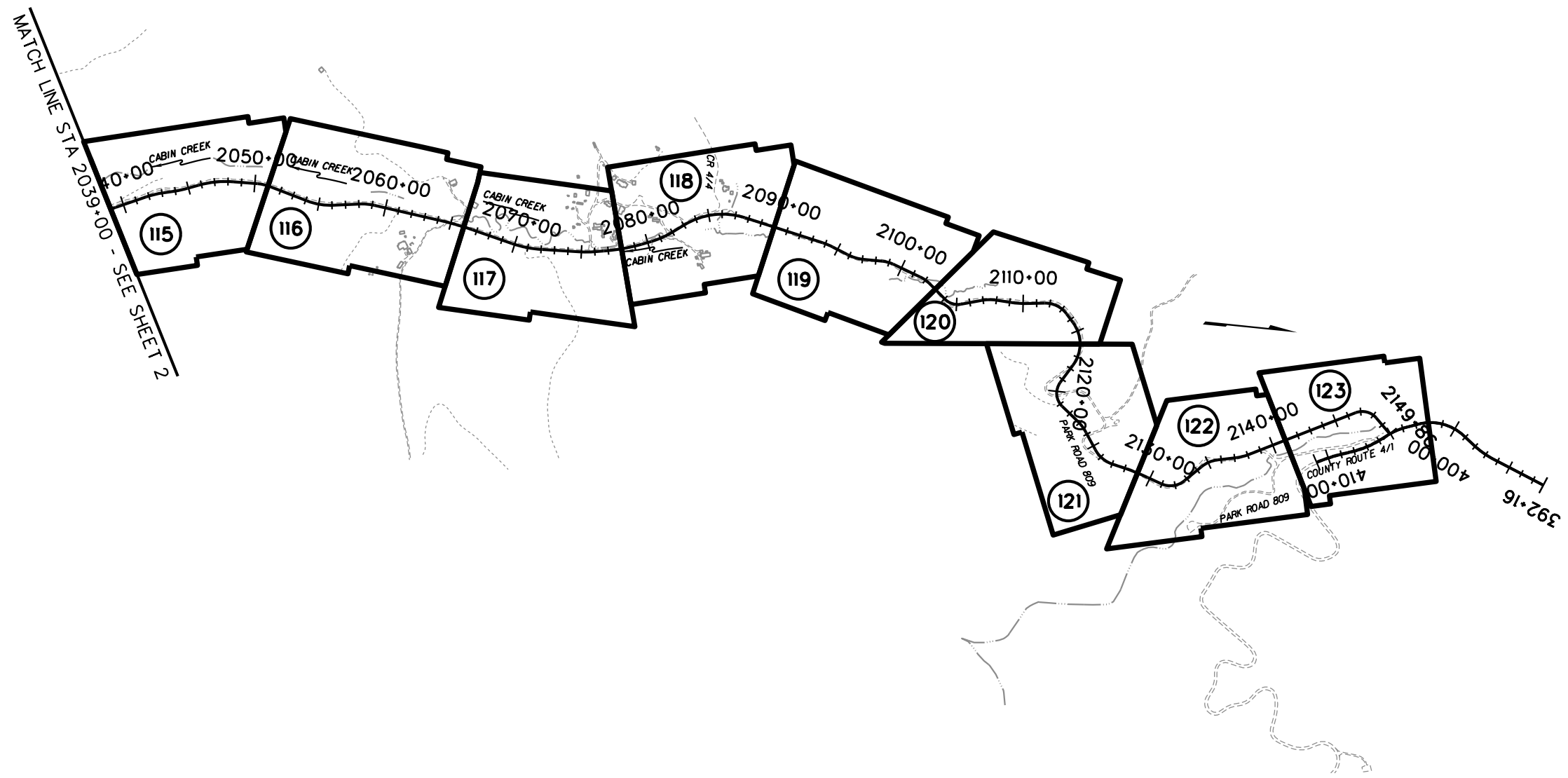
SCALE : 0 500 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

28-MAY-2022 09:54 PM

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM- 18.00 02	N/A	2022	WYOMING	4	209



R/W-3 02/28/22



SCALE : 0 500 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
SHEET LAYOUT
(3 OF 3)

28-Apr-2022 08:54 PM

OWNERSHIP INDEX

PARCEL NO.	SHEET NO.	TITLEHOLDER	MINERAL OWNERSHIP	RECORDED		TRACT NO.	AREA - SQ. FT. (UNLESS NOTED OTHERWISE)						TOTAL TAKEN	PARCEL TOTAL	REMARKS	R/W DEED RECORD		
				DEED BOOK	PAGE NO.		C/A	NON-C/A	EASEMENT		REMAINING					TOTAL	DEED BOOK	PAGE NO.
									TYPE	AREA	LEFT	RIGHT						
1		Billy G. Green and Ray Green	Bluestone	450	781		9.02 Ac					38.51 Ac	0.40 Ac	38.91 Ac	9.02 Ac	47.93 Ac (C)		
		Life Estate: Mae Green (deceased May 29, 2014)		445	29													
2		Judy Walls	Bluestone	451	567	1	6.56 Ac					2.63 Ac	1.57 Ac	4.20 Ac	6.56 Ac	10.76 Ac (C)	Deed 10.145 Ac	
						2			T.S.R.E.	4,539 (0.10 Ac)								
3		Estate of Britton M. Riffe	Bluestone	429	696		7.21 Ac					2.04 Ac	1.29 Ac	3.33 Ac	7.21 Ac	10.54 Ac (C)	Deed 10.145 Ac	
4		Billy Gene Green and Mary Ellen Green	Bluestone	250	71		7.57 Ac					11.96 Ac	2.64 Ac	14.60 Ac	7.57 Ac	22.17 Ac (C)	Deed 30.5 Ac	
5		Playon Emmanuel Kobbah and Maria Ayala Kobbah	Bluestone	365	677		7.02 Ac					5.80 Ac	0	5.80 Ac	7.02 Ac	12.82 Ac (C)		
6		Patrick Michael Zachary and Stephanie Dawn Zachary	Bluestone	475	575		8.63 Ac					4.28 Ac	0	4.28 Ac	8.63 Ac	12.91 Ac (C)	Deed 15 Ac	
7		Playon E. Kobbah	Bluestone	468	43		2.25 Ac					6.44 Ac	1.53 Ac	7.97 Ac	2.25 Ac	10.22 Ac (C)	Deed 10.5 Ac	
8		Playon E. Kobbah	Bluestone	491	622		2.33 Ac					7.08 Ac	0.86 Ac	7.94 Ac	2.33 Ac	10.27 Ac		
9		John William Griffith and Derena Griffith	Bluestone	451	677		6.80 Ac					14.00 Ac	0	14.00 Ac	6.80 Ac	20.80 Ac (C)	Deed 24.76 Ac	
10		Gary Younce, Jr., and Chrystal Younce	Bluestone	490	672		2.92 Ac					7.14 Ac	2.35 Ac	9.49 Ac	2.92 Ac	12.41 Ac		
11		Cathy Bryant Sparks Life Estate: Grace Bryant (deceased 1988)	Bluestone	311	257		3.94 Ac					5.27 Ac	3.04 Ac	8.31 Ac	3.94 Ac	12.25 Ac (C)	Deed 12.44 Ac	
				WB 021	185													
12		PARCEL NUMBER NOT USED																

Note: Parcels shaded in gray are not included in this set of R/W Plans.



REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
OWNERSHIP INDEX

R/W-3 02/28/22

28-MAY-2022 09:05 PM

OWNERSHIP INDEX

PARCEL NO.	SHEET NO.	TITLEHOLDER	MINERAL OWNERSHIP	RECORDED		TRACT NO.	AREA - SQ. FT. (UNLESS NOTED OTHERWISE)							TOTAL TAKEN	PARCEL TOTAL	REMARKS	R/W DEED RECORD	
				DEED BOOK	PAGE NO.		C/A	NON-C/A	EASEMENT		REMAINING						DEED BOOK	PAGE NO.
									TYPE	AREA	LEFT	RIGHT	TOTAL					
13-1		Bluestone Resources, Inc.	Bluestone	493	205	1	158.67 Ac						290.87 Ac					
						2	130.75 Ac											
						3		1.18 Ac										
						4			P.D.E.	11,891 (0.27 Ac)								
13-2		Bluestone Resources, Inc.	Bluestone	493	205		1.40 Ac						1.40 Ac					
13-3		Bluestone Resources, Inc.	Bluestone	493	205	1	14.89 Ac						19.40 Ac					
						2	20,983 (0.48 Ac)											
						3	4.03 Ac											
14		Alvin Stephen Jude Blevins and Lori Lynn Cook Blevins	Bluestone	420	395		1.60 Ac				0	0	0	1.60 Ac	1.60 Ac	Total Take		
15		Thomas E. Cook and Diana Lynn Cook	Bluestone	312	702		6.62 Ac				0	46.22 Ac	46.22 Ac	6.62 Ac	52.84 Ac (C)	Deed 50 Ac		
16		Randall T. Cook and Sharon Cook	Bluestone	502	279		16.17 Ac				19.59 Ac	38.18 Ac	57.77 Ac	16.17 Ac	73.94 Ac (C)	Deed 37.91 Ac		
				499	302													
17		Zachariah Caleb Walker	Bluestone	467	48		8.95 Ac				1.62 Ac	1.52 Ac	3.14 Ac	8.95 Ac	12.09 Ac			
18		Lyme Mountaineer Timberlands I LLC	Bluestone	484	1		25.80 Ac							25.80 Ac				
19-1		Albert G. Nichols and Sherry E. Nichols	Bluestone	481	685		19,78 (0.45 Ac)				0	0	0	19,78 (0.45 Ac)	19.78 (C) (0.45 Ac)	Total Take Deed Lot 5 & Parcel Three Tract 2		
19-2		Albert G. Nichols and Sherry E. Nichols	Bluestone	481	685		1.41 Ac				0	0	0	1.41 Ac	1.41 Ac (C)	Total Take Deed Lot 6 & Parcel Three Tract 1		

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THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
OWNERSHIP INDEX

OWNERSHIP INDEX

PARCEL NO.	SHEET NO.	TITLEHOLDER	MINERAL OWNERSHIP	RECORDED		TRACT NO.	AREA - SQ. FT. (UNLESS NOTED OTHERWISE)						TOTAL TAKEN	PARCEL TOTAL	REMARKS	R/W DEED RECORD			
				DEED BOOK	PAGE NO.		C/A	NON-C/A	EASEMENT			REMAINING				DEED BOOK	PAGE NO.		
									TYPE	AREA	LEFT	RIGHT						TOTAL	
20		Albert G. Nichols and Sherry E. Nichols	Bluestone	481	540		7,417 (0.17 Ac)				0	0	0	7,417 (0.17 Ac)	7,417 (C) (0.17 Ac)	Total Take Deed Lot No. 4			
21-1		Norfolk Southern Railway Co.	Bluestone						P.A.E.	9,837									
21-2		Norfolk Southern Railway Co.	Bluestone			1			P.A.E.	22,707									
						2			P.R.E.	3,520			3,520						
21-3	107	Norfolk Southern Railway Co.				1			P.A.E.	24,030 (0.55 Ac)									
	107					2			T.C.E.	6,289 (0.14 Ac)									
	107					3			T.C.E.	6,000 (0.14 Ac)									
21-4	106	Norfolk Southern Railway Co.				1			P.C.E.	8,114 (0.19 Ac)									
						2			P.D.E.	3,852 (0.09 Ac)									
21-5	104	Norfolk Southern Railway Co.							P.C.E.	6,083 (0.14 Ac)									
22-1		State of West Virginia, Department of Commerce, Division of Natural Resources							P.E.	10,493						Pinnacle Creek			
22-2		State of West Virginia, Department of Commerce, Division of Natural Resources							P.E.	22,183						Guyandotte River			
22-3	64-65, 110	State of West Virginia, Department of Commerce, Division of Natural Resources							P.E.	30,746 (0.71 Ac)						Cabin Creek			
									T.E.	15,770 (0.36 Ac)						Cabin Creek			
22-4	81	State of West Virginia, Department of Commerce, Division of Natural Resources				1			P.E.	5,600 (0.13 Ac)						Still Run			
	81					2			T.E.	2,800 (0.06 Ac)						Still Run			
22-5	107	State of West Virginia, Department of Commerce, Division of Natural Resources							P.E.	8,774 (0.20 Ac)						Slab Fork			

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THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
OWNERSHIP INDEX

OWNERSHIP INDEX

PARCEL NO.	SHEET NO.	TITLEHOLDER	MINERAL OWNERSHIP	RECORDED		TRACT NO.	AREA - SQ. FT. (UNLESS NOTED OTHERWISE)						TOTAL TAKEN	PARCEL TOTAL	REMARKS	R/W DEED RECORD			
				DEED BOOK	PAGE NO.		C/A	NON-C/A	EASEMENT		REMAINING					TOTAL	DEED BOOK	PAGE NO.	
									TYPE	AREA	LEFT	RIGHT							
23		Estate of G. S. Totten and Samuel Day	Totten Estate	50	214		30.19 Ac					3.42 Ac	0	3.42 Ac	30.19 Ac	33.61 Ac (C)	Deed 35.51 Ac		
24		Estate of Viola Burnett and Debra Sue Browning	Bluestone	308	549		3,441 (0.08 Ac)					30,362 (0.70 Ac)	0	30,362 (0.70 Ac)	3,441 (0.08 Ac)	33,803 (C) (0.78 Ac)	Deed 1 Ac		
25-1	39	Pocahontas Surface Interests, Inc.	Pocahontas	477	380		22,682 (0.52 Ac)							51,056.72 Ac	22,682 (0.52 Ac)	51,636.04 Ac			
25-2	39, 41-64	Pocahontas Surface Interests, Inc.	Pocahontas	477	380	1	209.77 Ac							51,056.72 Ac	247.90 Ac	51,636.04 Ac			
	40-41					2													
	38-39					3													
	63-64, 110					4													
	116					5													
	117					6													
	118					7													
	64-65					8													
	40					9													
	43-44					10													
	42, 45					11													
	62					12													
	110					13													
	41, 43					14													
	45, 47					15													
	50, 52					16													
	57					17													
	65					18													
	114					19													
	117					20													

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THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
OWNERSHIP INDEX

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OWNERSHIP INDEX

PARCEL NO.	SHEET NO.	TITLEHOLDER	MINERAL OWNERSHIP	RECORDED		TRACT NO.	AREA - SQ. FT. (UNLESS NOTED OTHERWISE)							REMARKS	R/W DEED RECORD			
				DEED BOOK	PAGE NO.		C/A	NON-C/A	EASEMENT		REMAINING				TOTAL TAKEN	PARCEL TOTAL	DEED BOOK	PAGE NO.
									TYPE	AREA	LEFT	RIGHT	TOTAL					
25-3	64, 66-97	Pocahontas Surface Interests, Inc.	Pocahontas	477	380	1	301.93 Ac						51,056.72 Ac	326.11 Ac	51,636.04 Ac			
	64-65					2			2.92 Ac									
	114-116					3			10.48 Ac									
	116-117					4			1.52 Ac									
	117-118					5			15,375 (0.35 Ac)									
	118-121					6			6.01 Ac									
	121					7			2.38 Ac									
	65					8			6,137 (0.14 Ac)									
						9				P.D.E.	5,193 (0.12 Ac)							
	112					10				P.D.E.	11,894 (0.27 Ac)							
	93					11				P.D.E.	4,909 (0.11 Ac)							
	68, 70					12				T.C.E.	6.07 Ac							
	72-73					13				T.C.E.	10,964 (0.25 Ac)							
	79-81					14				T.C.E.	39,442 (0.91 Ac)							
	79, 81					15				T.C.E.	2.88 Ac							
	116					16				T.C.E.	3,090 (0.07 Ac)							
	117					17				T.C.E.	14,945 (0.34 Ac)							
	121					18				T.C.E.	12,593 (0.29 Ac)							
25-4	118-121	Pocahontas Surface Interests, Inc.	Pocahontas	477	380	1	4.74 Ac						51,056.72 Ac	4.79 Ac	51,636.04 Ac			
	121					2			2,050 (0.05 Ac)									
						3				T.C.E.	5,242 (0.12 Ac)							
26	40-41	Michael P. Laxton	Pocahontas	485	485	1	1.57 Ac				1.15 Ac	1.15 Ac	2.06 Ac	3.21 Ac				
	40-41					2				P.D.E.	21,464 (0.49 Ac)							

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REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
OWNERSHIP INDEX

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OWNERSHIP INDEX

PARCEL NO.	SHEET NO.	TITLEHOLDER	MINERAL OWNERSHIP	RECORDED		TRACT NO.	AREA - SQ. FT. (UNLESS NOTED OTHERWISE)						TOTAL TAKEN	PARCEL TOTAL	REMARKS	R/W DEED RECORD		
				DEED BOOK	PAGE NO.		C/A	NON-C/A	EASEMENT		REMAINING					TOTAL	DEED BOOK	PAGE NO.
									TYPE	AREA	LEFT	RIGHT						
27	64	Everett Burks and Johnny Burks	Pocahontas	495	271	1	41,181 (0.95 Ac)			0	0	0	3.15 Ac	3.15 Ac	Total Take			
	64-65					2			2.20 Ac									
28	64	William Tilley and Vallery Tilley	Pocahontas	485	532		2.21 Ac			0 Ac	0 Ac	0 Ac	2.21 Ac	2.21 Ac	Total Take			
29	80	Consol Mining Company, LLC	Pocahontas	497	591		8,458 (0.19 Ac)				2.68 Ac	2.68 Ac	8,458 (0.19 Ac)	2.87 Ac				
30	94, 96-107	Kenneth A. Burrell and Rhonda T. Burrell	Fish Estate	456	309	1	81.14 Ac			482.16 Ac	31.41 Ac	513.57 Ac	88.27 Ac	601.84 Ac (C)	Deed 628.68 Ac			
	101-103			388	895	2			5.50 Ac									
	104, 107					3			13,054 (0.30 Ac)									
	106					4			1.12 Ac									
	106					5			7,875 (0.18 Ac)									
	99					6				P.D.E.	1,517 (0.03 Ac)							
	106-107					7				T.C.E.	4.22 Ac							
	107					8				T.C.E.	3.49 Ac							
	106					9				T.C.E.	10,180 (0.23 Ac)							
	98-99					10				T.C.E.	9,984 (0.23 Ac)							
31	97	Estate of Thomas D. Billings, Sr. and Nancy L. Billings		449	839	1	8,047 (0.18 Ac)				3.89 Ac	3.89 Ac	1.08 Ac	4.97 Ac (C)	Deed 1 Ac			
	97					2	34,508 (0.79 Ac)											
	97					3				P.D.E.	4,765 (0.11 Ac)							
32	97, 80	Sandra Rose		425	755	1	40,957 (0.94 Ac)				130.23 Ac	130.23 Ac	1.77 Ac	132 Ac				
	97, 80	Life Estate #1: Barry Bishop Life Estate #2: Greg Bishop (deceased April 9, 2007)		305	119	2				P.D.E.	36,106 (0.83 Ac)							
	97, 80					3				T.C.E.	27,001 (0.62 Ac)							

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THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
OWNERSHIP INDEX

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OWNERSHIP INDEX

PARCEL NO.	SHEET NO.	TITLEHOLDER	MINERAL OWNERSHIP	RECORDED		TRACT NO.	AREA - SQ. FT. (UNLESS NOTED OTHERWISE)						TOTAL TAKEN	PARCEL TOTAL	REMARKS	R/W DEED RECORD		
				DEED BOOK	PAGE NO.		C/A	NON-C/A	EASEMENT		REMAINING					TOTAL	DEED BOOK	PAGE NO.
									TYPE	AREA	LEFT	RIGHT						
33	107	Jeffrey A. England (Life Estate: Norma England - deceased Oct. 16, 2012)	Western Pocahontas	453	809	1	13,100 (0.30 Ac)			4.21 Ac	4.38 Ac	8.59 Ac	13,100 (0.30 Ac)	8.89 Ac (C)	Deed 21 Ac			
	104-107					2			T.C.E.	1.18 Ac								
	107					3			T.C.E.	1.03 Ac								
34	107-109	Western Pocahontas Properties Limited Partnership	Western Pocahontas	409	900	1	23.81 Ac			Unknown	Unknown	Unknown	23.81 Ac	Unknown				
	107					2			T.C.E.	7.33 Ac								
	107-108					3			T.C.E.	6.74 Ac								
35	104,109	Jerry Quesenberry or Patricia L. Quesenberry	Fish Estate	454	451			1.00 Ac		0 Ac	0 Ac	0 Ac	1.00 Ac	1.00 Ac	Total Take			
36	104, 109	Jerry D. Quesenberry or Patricia L. Quesenberry	Fish Estate	408	428	1	13,123 (0.30 Ac)			33,642 (0.77 Ac)		33,642 (0.77 Ac)	13,123 (0.30 Ac)	1.07 Ac	Landlocked			
	103-104, 109					2			T.C.E.	25,489 (0.59 Ac)								
37	103	Donald D. Adkins	Fish Estate	316	552		12,269 (0.28 Ac)			0	0	0	12,269 (0.28 Ac)	12,269 (0.28 Ac)	Total Take Lots 13 & 13A of Town Ridge Acres			
38	103	Jeffrey K. Justus, II	Fish Estate	452	763	1	7,353 (0.17 Ac)			0	0	0	1.02 Ac	1.02 Ac (C)	Total Take Deed 1.00 Ac			
						2	37,068 (0.85 Ac)											
39	103	Lacy B. Repass, Sr. and Shirley E. Repass	Fish Estate	455	43		1.00 Ac			0	0	0	1.00 Ac	1.00 Ac	Total Take			
40	102, 105	Unknown Owner	Fish Estate				25,998 (0.60 Ac)			0	0	0	25,998 (0.60 Ac)	25,998 (C) (0.60 Ac)	Ex. Private Easement			
41	103	Charles E. Ashley or Lucy E. Ashley	Fish Estate	428	259		6,021 (0.14 Ac)			0	0	0	6,021 (0.14 Ac)	6,021 (C) (0.14 Ac)	Total Take Deed 0.13 Ac			
42	103	Charles Ashley and Lucy Ashley	Fish Estate	372	749		6,500 (0.15 Ac)			0	0	0	6,500 (0.15 Ac)	6,500 (C) (0.15 Ac)	Total Take Lot 27 of Town Ridge Acres			

R/W-3 02/28/22



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THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
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OWNERSHIP INDEX

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OWNERSHIP INDEX

PARCEL NO.	SHEET NO.	TITLEHOLDER	MINERAL OWNERSHIP	RECORDED		TRACT NO.	AREA - SQ. FT. (UNLESS NOTED OTHERWISE)						TOTAL TAKEN	PARCEL TOTAL	REMARKS	R/W DEED RECORD		
				DEED BOOK	PAGE NO.		C/A	NON-C/A	EASEMENT		REMAINING					TOTAL	DEED BOOK	PAGE NO.
									TYPE	AREA	LEFT	RIGHT						
43	103	Lucy E. Ashley	Fish Estate	442	24			6,500 (0.15 Ac)			0	0	0	6,500 (0.15 Ac)	6,500 (C) (0.15 Ac)	Total Take Lot 26 of Town Ridge Acres		
44	103-104	William E. Mongeni and Rosanna Mongeni	Fish Estate	491	147			13,000 (0.30 Ac)			0	0	0	13,000 (0.30 Ac)	13,000 (C) (0.30 Ac)	Total Take Lots 24 & 25 of Town Ridge Acres		
45	103-105	June Shade Eldreth	Fish Estate	406	58			1.20Ac			6,500 (0.15 Ac)	0	6,500 (0.15 Ac)	1.20Ac	1.35 Ac (C)			
				402	633													
				370	815													
				330	187													
46	103-104	Dawn Michele Fitzko and Terry Jacob Fitzko	Fish Estate	442	700	1		5,317 (0.12 Ac)			7,934 (0.18 Ac)	0	7,934 (0.18 Ac)	5,317 (0.12 Ac)	13,251 (C) (0.31 Ac)	Lots 20 & 21 of Town Ridge Acres		
						2			T.S.R.E.	7,934 (0.18 Ac)								
47	103	Lacy B. Repass, Sr. and Shirley E. Repass	Fish Estate	455	45			1.01 Ac			0	0	0	1.01 Ac	1.01 Ac	Total Take		
48	103, 105	Casey Repass	Fish Estate	430	765			43,258 (0.99 Ac)			0	0	0	43,258 (0.99 Ac)	0.99 Ac	Total Take		
49-1	103, 105	Wade H. Houck or Karen K. Houck	Fish Estate	402	636			1.00 Ac			0	0	0	1.00 Ac	1.00 Ac	Total Take Deed Tract Two		
49-2	105	Wade H. Houck or Karen K. Houck	Fish Estate	402	636			25,236 (0.58 Ac)			1.19 Ac	0	1.19 Ac	25,236 (0.58 Ac)	1.76 Ac	Deed Tract One		
50	105-106	Lacy Repass, Sr. and Shirley Repass	Fish Estate	426	308	1	1,235 (0.03 Ac)				1.52 Ac	0	1.52 Ac	3.57 Ac	5.09 Ac			
						2		3.16 Ac										
						3			P.D.E.	16,651 (0.38 Ac)								
51	106	Good Shepherd Independent Church	Fish Estate	401	170			1.03 Ac			1.34 Ac	0	1.34 Ac	1.03 Ac	2.37 Ac			
52	106	Paul C. Burrell & Ruby I. Burrell and Kenneth A. Burrell & Rhonda T. Burrell	Fish Estate	408	589			32,670 (0.75 Ac)			0	0	0	32,670 (0.75 Ac)	32,670 (0.75 Ac)	Total Take Deed Parcel "X"		

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REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
OWNERSHIP INDEX

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OWNERSHIP INDEX

PARCEL NO.	SHEET NO.	TITLEHOLDER	MINERAL OWNERSHIP	RECORDED		TRACT NO.	AREA - SQ. FT. (UNLESS NOTED OTHERWISE)						R/W DEED RECORD				
				DEED BOOK	PAGE NO.		C/A	NON-C/A	EASEMENT		REMAINING		TOTAL TAKEN	PARCEL TOTAL	REMARKS	DEED BOOK	PAGE NO.
									TYPE	AREA	LEFT	RIGHT					
53	106	Paul C. Burrell and Ruby I. Burrell	Fish Estate	373	912			1,936 (0.05 Ac)		0	12,722 (0.29 Ac)	12,722 (0.29 Ac)	1,936 (0.05 Ac)	14,658 (C) (0.34 Ac)			
54	106	Kenneth Gary Lambert	Fish Estate	437	523	1		25,175 (0.58 Ac)		0	13,557 (0.31 Ac)	13,557 (0.31 Ac)	25,175 (0.58 Ac)	38,732 (C) (0.89 Ac)	Deed 0.85 Ac		
	106					2			T.S.R.E.	6,989 (0.16 Ac)							
55	106	Guyandotte Hills Limited Partnership	Fish Estate	392	996	1		2,384 (0.05 Ac)		1.29 Ac	0	1.29 Ac	2,762 (0.06 Ac)	1.35 Ac			
						2		378 (0.01 Ac)									
56	106	Toby K. Tolliver and Rebecca L. Tolliver	Fish Estate	463	170			1,700 (0.04 Ac)		0	34,455 (0.79 Ac)	34,455 (0.79 Ac)	1,700 (0.04 Ac)	0.83 Ac			
57	106	C. Earl Thomas and Deloris J. Thomas	Fish Estate	385	829	1		8,644 (0.20 Ac)		0	14,771 (0.34 Ac)	14,771 (0.34 Ac)	11,801 (0.27 Ac)	0.61 Ac			
	106					2			P.D.E.	3,157 (0.07 Ac)							
	106					3			T.S.R.E.	8,017 (0.18 Ac)							
58	112	Beulah Goode and Eddie Vance	Pocahontas	494	549	1	1,380 (0.03 Ac)		0	24,332 (0.56 Ac)	24,332 (0.56 Ac)	35,345 (0.81 Ac)	1.37 Ac				
						2			P.D.E.	33,965 (0.78 Ac)							
59	112-113	Garland Mullens and Tammie Mullens	Pocahontas	485	550			1.04 Ac		0	1.98 Ac	1.98 Ac	1.04 Ac	3.02 Ac			
60	113	Shirley Finney and Herman Stone	Pocahontas	485	559			33,433 (0.77 Ac)		0	33,147 (0.76 Ac)	33,147 (0.76 Ac)	33,433 (0.77 Ac)	1.53 Ac			
61	116	Eddie R. Fleming	Pocahontas	484	785	1		27,407 (0.63 Ac)		0	5.36 Ac	5.36 Ac	27,407 (0.63 Ac)	5.99 Ac			
	116					2			T.C.E.	1,707 (0.04 Ac)							
	116					3			T.C.E.	6,434 (0.15 Ac)							
62	116	David G. Bailey	Pocahontas	485	476	1		8,728 (0.20 Ac)		5.14 Ac	0	5.14 Ac	8,728 (0.20 Ac)	5.34 Ac			
	116-117					2			T.C.E.	478 (0.01 Ac)							

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REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

OWNERSHIP INDEX

PARCEL NO.	SHEET NO.	TITLEHOLDER	MINERAL OWNERSHIP	RECORDED		TRACT NO.	AREA - SQ. FT. (UNLESS NOTED OTHERWISE)						TOTAL TAKEN	PARCEL TOTAL	REMARKS	R/W DEED RECORD		
				DEED BOOK	PAGE NO.		C/A	NON-C/A	EASEMENT		REMAINING					TOTAL	DEED BOOK	PAGE NO.
									TYPE	AREA	LEFT	RIGHT						
63	117	Mike Basham and Sylvia Basham	Pocahontas	426	399	1		319 (0.01 Ac)		35,836 (0.82 Ac)	0	35,836 (0.82 Ac)	319 (0.01 Ac)	0.83 Ac				
									T.C.E.	277 (0.01 Ac)								
64	117	Eddie Vance and Beulah Goode	Pocahontas	415	453			5,805 (0.13 Ac)		0	3,737 (0.09 Ac)	3,737 (0.09 Ac)	5,805 (0.13 Ac)	9,542 (C) (0.22 Ac)	Deed 0.25 Ac			
65	118	Ersie E. Frost and Eddie Vance	Pocahontas	483	471	1		10,860 (0.25 Ac)		3.00 Ac	0	3.00 Ac	10,860 (0.25 Ac)	3.25 Ac				
									T.C.E.	235 (0.01 Ac)								
66	118	Steven K. Clay, Sr. and Belinda Clay	Pocahontas	495	308			27,824 (0.64 Ac)		0	4.70 Ac	4.70 Ac	27,824 (0.64 Ac)	5.34 Ac				
67-1	121-123	West Virginia Department of Natural Resources	Pocahontas	217	178			6.57 Ac		30.28 Ac	0	30.28 Ac	6.57 Ac	1,981.59 (c)				
67-2	121	West Virginia Department of Natural Resources	Pocahontas	217	178	1		692 (0.02 Ac)		0	1,942.12 Ac	1,942.12 Ac	28,307 (0.65 Ac)	1,981.59 (c)				
								1,336 (0.03 Ac)										
								17,998 (0.41 Ac)										
								8,281 (0.19 Ac)										
68	36	Cabot Oil and Gas Corporation												Plugged Gas Well API No. 47-109-02738				
69-1	40	Diversified Production LLC												Gas Well API No. 47-109-02219				
69-2	63	Diversified Production LLC												Gas Well API No. 47-109-00714				
69-3	36, 38	Diversified Production LLC												Gas Line				
69-4	40, 42	Diversified Production LLC												Gas Line				

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DIVISION OF HIGHWAYS
OWNERSHIP INDEX

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PARCEL NO.	SHEET NO.	TITLEHOLDER	MINERAL OWNERSHIP	RECORDED		TRACT NO.	AREA - SQ. FT. (UNLESS NOTED OTHERWISE)						TOTAL TAKEN	PARCEL TOTAL	REMARKS	R/W DEED RECORD		
				DEED BOOK	PAGE NO.		C/A	NON-C/A	EASEMENT		REMAINING					TOTAL	DEED BOOK	PAGE NO.
									TYPE	AREA	LEFT	RIGHT						
69-5	42, 44	Diversified Production LLC													Gas Line			
69-6	55-56	Diversified Production LLC													Gas Line			
69-7	57	Diversified Production LLC													Gas Line			
69-8	67-68	Diversified Production LLC													Gas Line			
69-9	77-78	Diversified Production LLC													Gas Line			
69-10	77-78	Diversified Production LLC													Gas Line			
69-11		Diversified Production LLC													Gas Line			
69-12		Diversified Production LLC													Gas Line			
70-1	44	Diversified Production LLC													Gas Well API No. 47-109-02417			
70-2	57	Diversified Production LLC													Gas Well API No. 47-109-02893			
70-3		Diversified Production LLC													Gas Well API No. 47-109-02557			
70-4		Diversified Production LLC													Gas Well API No. 47-109-02561			
71-1		Columbia Gas													Gas Lines			
71-2		Columbia Gas													24" Gas Line			

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OWNERSHIP INDEX

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OWNERSHIP INDEX

PARCEL NO.	SHEET NO.	TITLEHOLDER	MINERAL OWNERSHIP	RECORDED		TRACT NO.	AREA - SQ. FT. (UNLESS NOTED OTHERWISE)						TOTAL TAKEN	PARCEL TOTAL	REMARKS	R/W DEED RECORD			
				DEED BOOK	PAGE NO.		C/A	NON-C/A	EASEMENT		REMAINING					TOTAL	DEED BOOK	PAGE NO.	
									TYPE	AREA	LEFT	RIGHT							
72	74	Consol Mining Company, LLC													Electric Lines				
73	103-104	George David Lambert and Donna Sue Lambert	Fish Estate	326	744				6,500 (0.15 Ac)		0	0	0	6,500 (0.15 Ac)	6,500 (C) (0.15 Ac)	Total Take Lot 12 of Town Ridge Acres			
74	104	Emily Faye Poindexter and Ryan David Cox		503	290					P.D.E.	2,243 (0.05 Ac)	1.18 Ac	0	1.18 Ac	2,243 (0.05 Ac)	1.23 Ac (C)	Lots 6, 7, 8, 9, 10, 11, 12, 13 of City Building & Supply Addition		
75	104	Unknown Owner								P.D.E.	859 (0.02 Ac)	4,651 (0.11 Ac)	0	4,651 (0.11 Ac)	596 (0.01 Ac)	5,247 (C) (0.12 Ac)	Ex. Private Easement		
76	121-122	West Virginia Department of Natural Resources				1			31,668 (0.73 Ac)		0	15.3 Ac	15.3 Ac		16.3 Ac				
	121-122					2			11,574 (0.27 Ac)										

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THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
OWNERSHIP INDEX

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UTILITIES INDEX						
STATION	OFFSET	STATION	OFFSET	PLAN SHEET NO	DESCRIPTION	DISPOSITION
AMERICAN ELECTRIC POWER (ELECTRIC)						
Mainline						
4966+08	740' LT	4974+52	339' RT		Pole 396-32 to Pole 396-38	To be determined
4975+08	598' RT	4980+23	244' RT		Pole 396-39 to Home service	To be relocated by others
4989+84	442' LT	4991+85	281' RT		Overhead Electric Line	To be relocated by others
5032+69	277' LT	5042+27	615' RT		Overhead Transmission Line	To be relocated by others
5129+32	924' RT	5136+74	446' LT		Pole 211/15 to Pole 211/23 and service lines	To be relocated by others
5242+97	294' LT	5242+67	120' RT		Lines under Still Run Bridge	To be determined
5400+36	120' LT	5400+23	120' RT		Along WV 54 under Mullens Bridge	To be determined
5402+25	120' LT	5401+94	96' RT		Along CR 54/3 under Mullens Bridge	To be determined
Cabin Creek Road						
2005+41	485' RT	2012+02	363' RT		Pole 211/23 to Pole 1034-7	To be relocated by others
2028+46	69' RT	2085+80	81' LT		Pole 1034-16 to Pole 1009-44	To be relocated by others
BLACK DIAMOND POWER COMPANY (ELECTRIC)						
Mullens Connector						
7+41	548' LT	12+26	183' LT			To be relocated by others
19+95	64' LT	35+08	27' RT			To be relocated by others
SHENTEL (TELEPHONE & FIBER)						
Mainline						
4966+08	740' LT	4974+52	339' RT		Pole 396-32 to Pole 396-38	To be determined
4975+08	598' RT	4980+23	244' RT		Pole 396-39 to Home service	To be relocated by others
5132+45	642' RT	5136+74	446' LT		Pole 1034-2 to Pole 211/23	To be relocated by others
5242+97	294' LT	5242+67	120' RT		Lines under Still Run Bridge	To be determined
5400+36	120' LT	5400+23	120' RT		Along WV 54 under Mullens Bridge	To be determined
5402+25	120' LT	5401+94	96' RT		Along CR 54/3 under Mullens Bridge	To be determined
Cabin Creek Road						
2005+41	485' RT	2012+02	363' RT		Pole 211/23 to Pole 1034-7	To be relocated by others
Mullens Connector						
7+41	548' LT	12+26	183' LT			To be relocated by others
19+95	64' LT	35+08	27' RT			To be relocated by others
FRONTIER COMMUNICATIONS (TELEPHONE)						
Mainline						
4966+08	740' LT	4974+52	339' RT		Pole 396-32 to Pole 396-38	To be determined
5132+45	642' RT	5136+74	446' LT		Pole 1034-2 to Pole 211/23	To be relocated by others
5242+97	294' LT	5242+67	120' RT		Lines under Still Run Bridge	To be determined
5400+36	120' LT	5400+23	120' RT		Along WV 54 under Mullens Bridge	To be determined
5402+25	120' LT	5401+94	96' RT		Along CR 54/3 under Mullens Bridge	To be determined
Cabin Creek Road						
2005+41	485' RT	2012+02	363' RT		Pole 211/23 to Pole 1034-7	To be relocated by others
2028+46	69' RT	2085+80	81' LT		Pole 1034-16 to Pole 1009-44	To be relocated by others
Mullens Connector						
7+41	548' LT	12+26	183' LT			To be relocated by others
19+95	64' LT	30+63	66' RT			To be relocated by others

UTILITIES INDEX						
STATION	OFFSET	STATION	OFFSET	PLAN SHEET NO	DESCRIPTION	DISPOSITION
TC ENERGY (GAS)						
Mainline						
5274+14	638' LT	5272+10	162' RT		24" Gas transmission line	To be relocated by others
MOUNTAINEER GAS COMPANY (GAS)						
Mullens Connector						
32+75	25' RT	34+64	37' RT			To be determined
RAVENCLIFF - MCGRAWS - SAULSVILLE PSD (WATER)						
Mainline						
5128+96	992' RT	5136+20	495' LT			To be relocated by others
Cabin Creek Road						
2028+47	66' RT	2105+35	93' RT			To be relocated by others
2121+39	70' RT	2122+91	160' RT			To be relocated by others
2130+67	69' LT	2141+15	45' RT			To be relocated by others
EASTERN WYOMING PSD (WATER)						
Mullens Connector						
5+78	431' LT	19+50	6' RT			To be relocated by others
26+47	139' RT	30+77	109' RT			To be determined
32+50	44' RT	35+15	29' LT			To be determined
TOWN OF MULLENS (SEWER)						
Mullens Connector						
5+54	429' LT	10+75	209' LT			To be determined
25+35	12' RT	35+15	9' LT			To be determined

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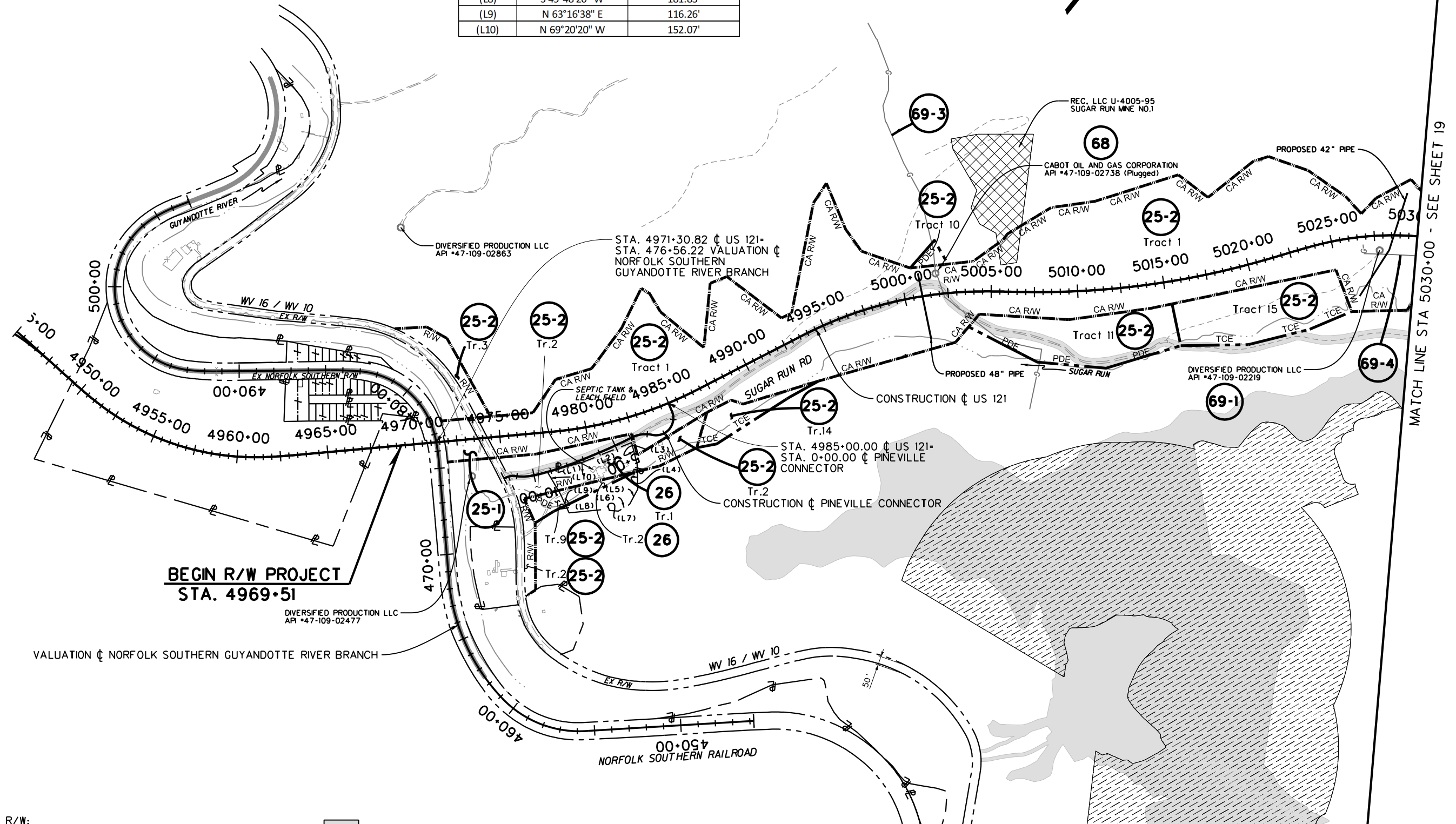


REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
UTILITY INDEX

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PARCEL 26		
LINE	BEARING	DISTANCE
(L1)	N 35°56'09" E	214.25'
(L2)	N 29°22'18" E	302.45'
(L3)	S 53°18'59" E	128.31'
(L4)	S 40°20'51" E	144.57'
(L5)	S 10°21'35" E	100.64'
(L6)	S 20°05'40" W	75.39'
(L7)	S 55°22'15" W	104.86'
(L8)	S 45°48'20" W	181.83'
(L9)	N 63°16'38" E	116.26'
(L10)	N 69°20'20" W	152.07'



BEGIN R/W PROJECT
STA. 4969+51

MATCH LINE STA 5030+00 - SEE SHEET 19

Source of Existing R/W:
WV 16: State Project Number 3248B FFY 1923
Norfolk Southern: Val Map V.8/S-8 (June 1, 1930)

WYOMING EAGLE, LLC PERMIT AREAS (PERMIT S501019)
 WYOMING EAGLE, LLC HIGHWALL/AUGER MINING AREA



SCALE : 0 300 ft.

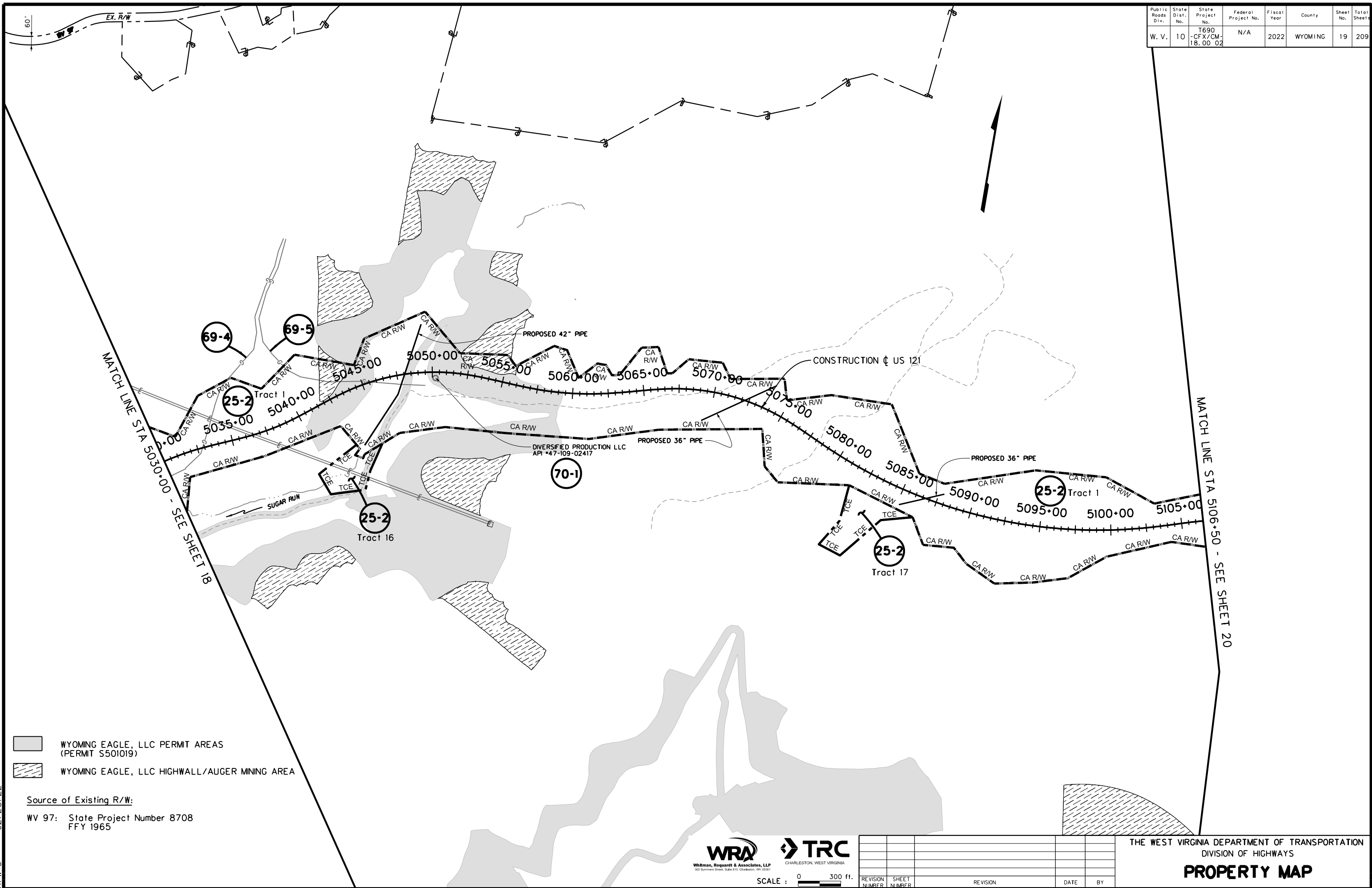
REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROPERTY MAP

02/28/22

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Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	19	209



WYOMING EAGLE, LLC PERMIT AREAS (PERMIT S501019)
 WYOMING EAGLE, LLC HIGHWALL/AUGER MINING AREA

Source of Existing R/W:
 WV 97: State Project Number 8708
 FFY 1965



SCALE : 0 300 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
PROPERTY MAP

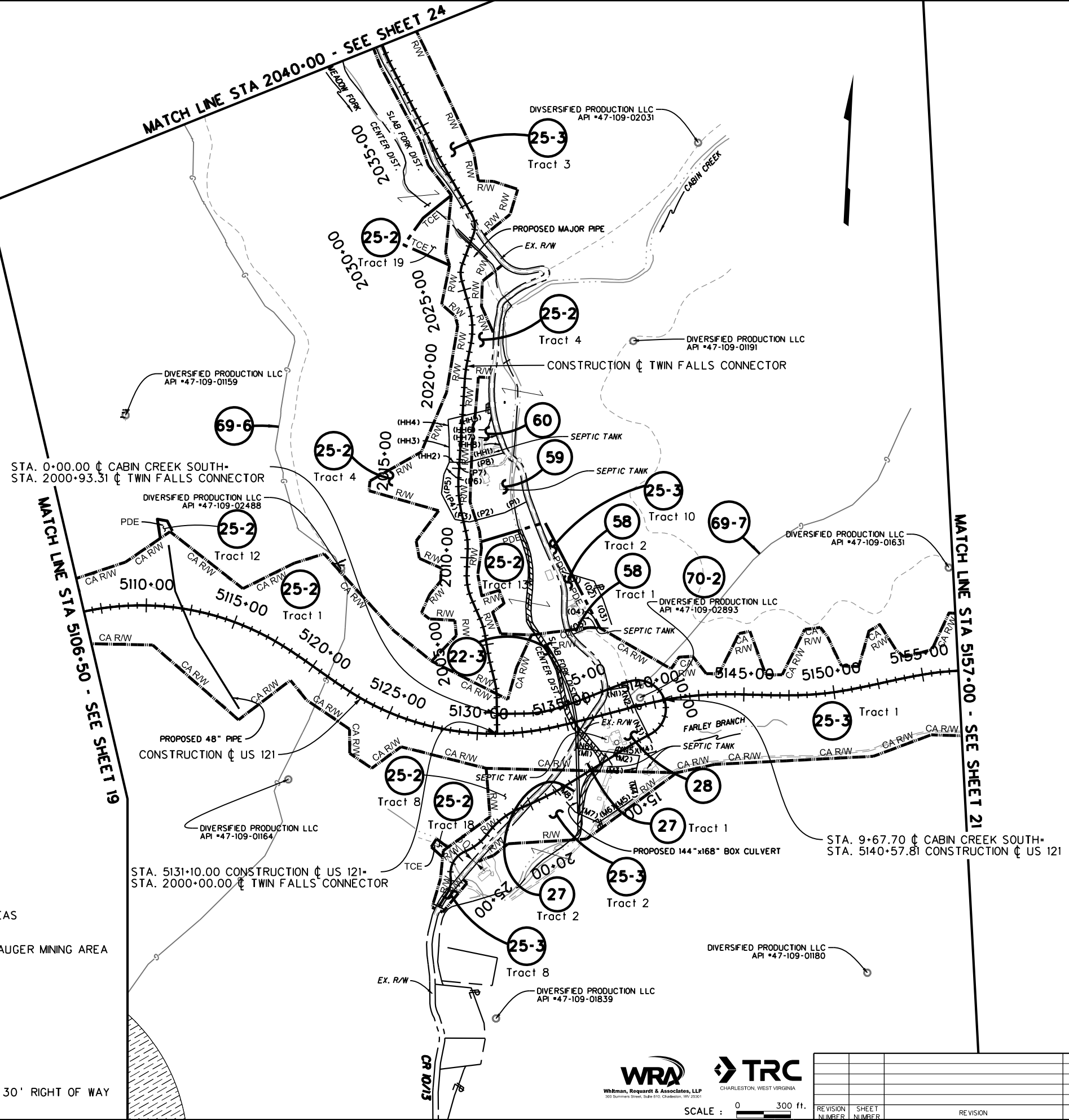
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28-MAY-2022 08:58 PM

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	20	209

MATCH LINE STA 2040.00 - SEE SHEET 24

MATCH LINE STA 5157.00 - SEE SHEET 21



PARCEL 27

LINE	BEARING	DISTANCE
(M1)	S 86°03'02" E	224.84'
(M2)	S 85°45'12" E	131.69'
(M3)	S 09°47'14" E	131.50'
(M4)	S 16°04'09" E	90.76'
(M5)	S 50°01'56" W	86.98'
(M6)	S 53°03'36" W	181.01'
(M7)	N 68°17'49" W	143.60'
(M8)	N 43°39'45" W	202.89'

PARCEL 28

LINE	BEARING	DISTANCE
(N1)	N 77°41'31" E	109.07'
(N2)	S 24°11'02" E	149.39'
(N3)	S 29°13'21" E	244.19'
(N4)	S 72°41'38" W	95.52'
(N5)	N 85°45'12" W	131.69'
(N6)	N 86°03'02" W	224.84'

PARCEL 58

LINE	BEARING	DISTANCE
(O1)	S 76°16'01" E	190.85'
(O2)	S 28°53'45" E	111.17'
(O3)	S 21°29'30" E	170.27'
(O4)	S 89°15'57" W	130.96'
(O5)	S 64°20'12" W	96.39'

PARCEL 59

LINE	BEARING	DISTANCE
(P1)	S 60°21'02" W	135.47'
(P2)	S 72°15'21" W	201.53'
(P3)	N 82°27'22" W	82.89'
(P4)	N 30°07'32" W	161.35'
(P5)	N 04°19'23" E	106.20'
(P6)	N 20°45'33" E	74.41'
(P7)	N 88°17'55" E	94.49'
(P8)	N 72°39'12" E	215.84'

PARCEL 60

LINE	BEARING	DISTANCE
(HH1)	S 72°39' 12" W	215.84'
(HH2)	S 88°17' 55" W	94.49'
(HH3)	N 03°00' 17" W	134.23'
(HH4)	N 06°21' 45" W	101.96'
(HH5)	N 73°27' 23" E	241.01'
(HH6)	S 15°47' 31" E	134.05'
(HH7)	S 21°27' 48" E	58.53'
(HH8)	S 29°14' 08" E	61.17'

WYOMING EAGLE, LLC PERMIT AREAS (PERMIT S501019)
 WYOMING EAGLE, LLC HIGHWALL/AUGER MINING AREA

PARCEL 22-3
 STATE OF WEST VIRGINIA
 DEPARTMENT OF COMMERCE
 DIVISION OF NATURAL RESOURCES
 OFFICE OF LAND AND STREAMS
 30,746 SF - PERMANENT EASEMENT (PE)
 15,770 SF - TEMPORARY EASEMENT (TE)

Source of Existing R/W:
 CR 10/13 (CABIN CREEK ROAD): STATUTORY 30' RIGHT OF WAY

Whilman, Reardon & Associates, LLP
 300 Summers Street, Suite 810, Charleston, WV 25301
 CHARLESTON, WEST VIRGINIA

SCALE : 0 300 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
PROPERTY MAP

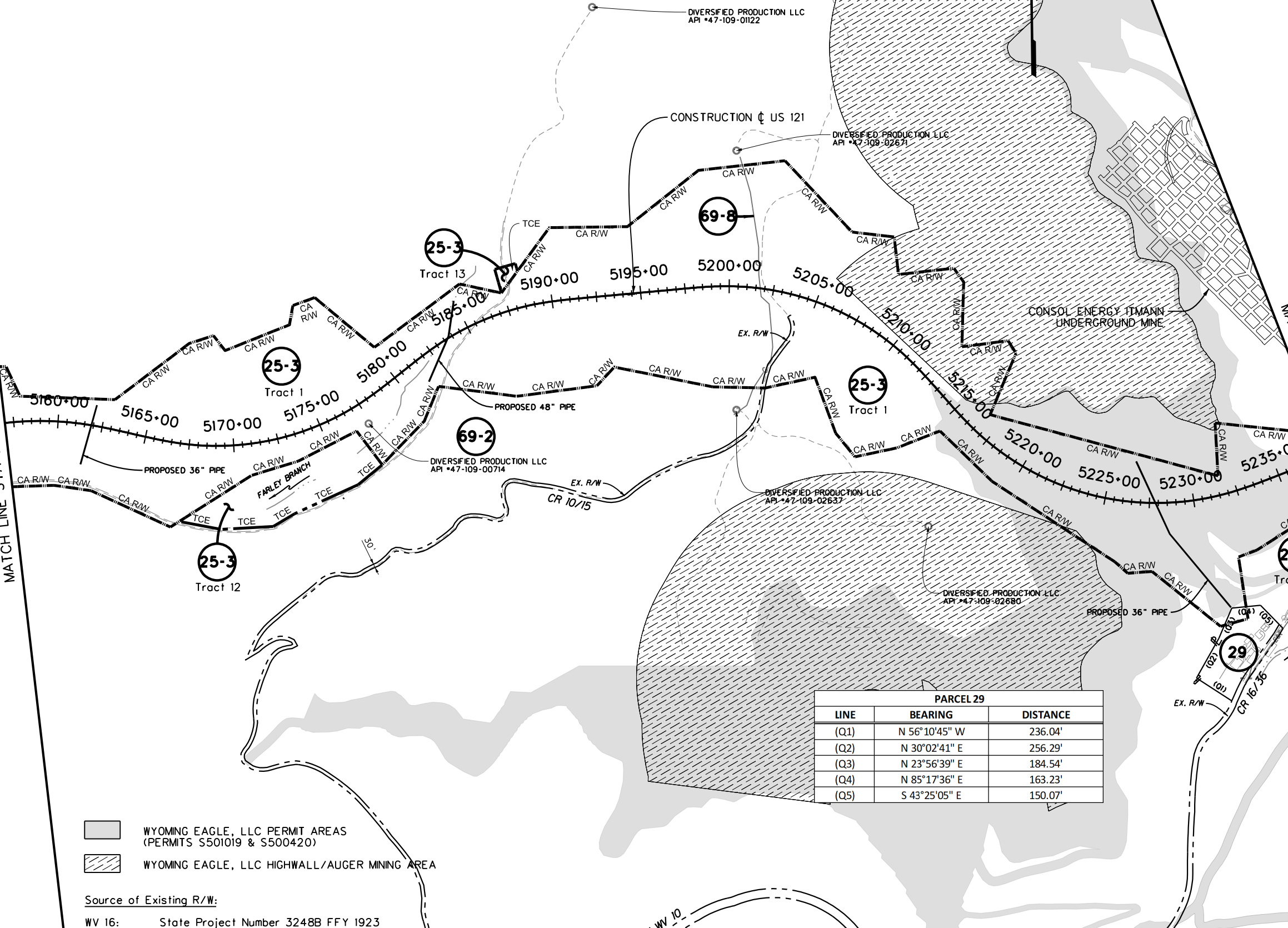
02/28/22

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Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	21	209

MATCH LINE STA 5157+00 - SEE SHEET 20

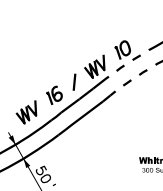
MATCH LINE STA 5238+00 - SEE SHEET 22



PARCEL 29		
LINE	BEARING	DISTANCE
(Q1)	N 56°10'45" W	236.04'
(Q2)	N 30°02'41" E	256.29'
(Q3)	N 23°56'39" E	184.54'
(Q4)	N 85°17'36" E	163.23'
(Q5)	S 43°25'05" E	150.07'

WYOMING EAGLE, LLC PERMIT AREAS (PERMITS S501019 & S500420)
 WYOMING EAGLE, LLC HIGHWALL/AUGER MINING AREA

Source of Existing R/W:
 WV 16: State Project Number 3248B FFY 1923
 CR 10/15 & CR 16/36: 30 Ft Statutory Right of Way



SCALE : 0 300 ft.

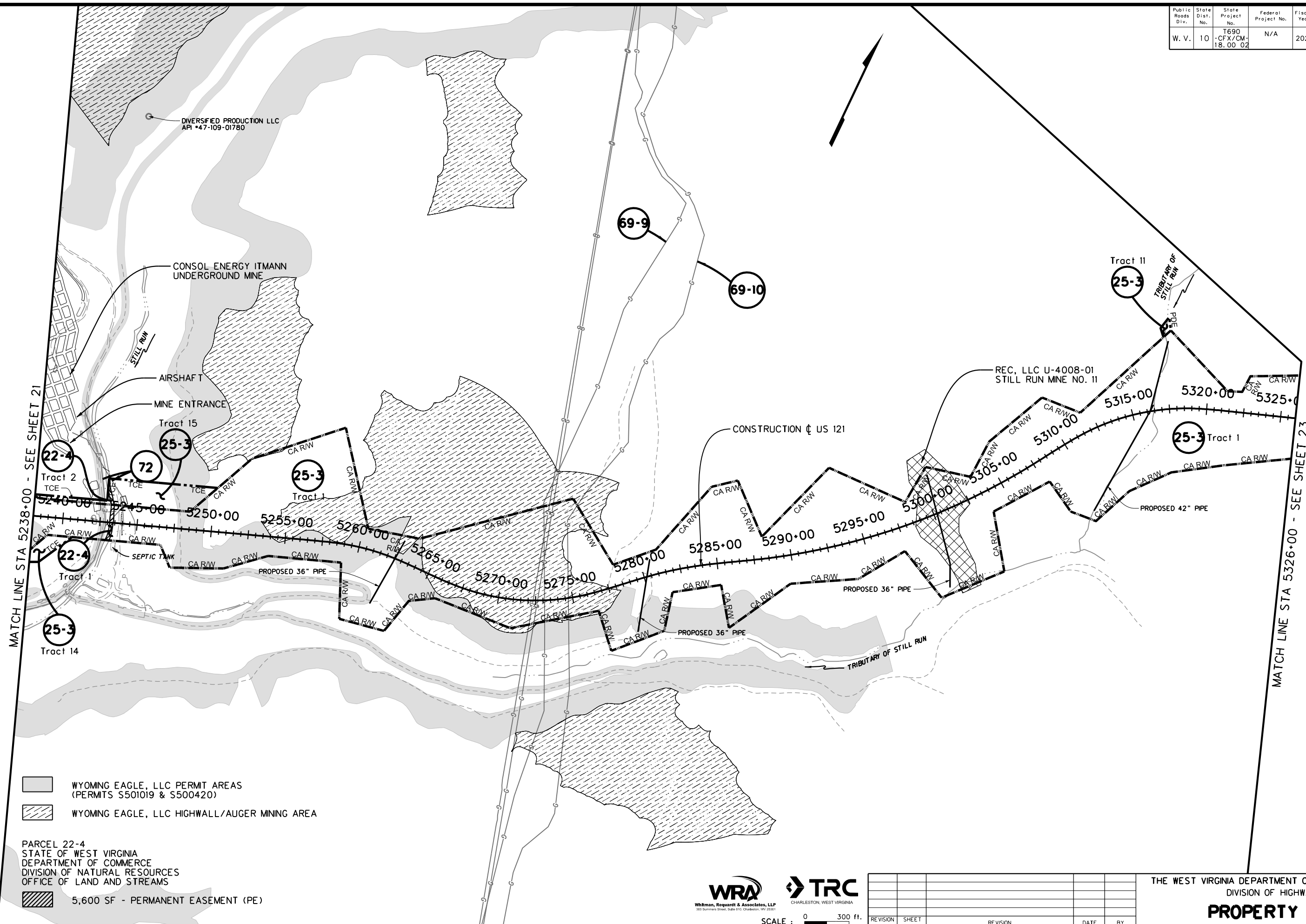
REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
PROPERTY MAP

R/W-3 02/28/22

28-Apr-2022 08:50:14

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	22	209



MATCH LINE STA 5238+00 - SEE SHEET 21

MATCH LINE STA 5326+00 - SEE SHEET 23

- WYOMING EAGLE, LLC PERMIT AREAS (PERMITS S501019 & S500420)
 - WYOMING EAGLE, LLC HIGHWALL/AUGER MINING AREA
 - 5,600 SF - PERMANENT EASEMENT (PE)
- PARCEL 22-4
STATE OF WEST VIRGINIA
DEPARTMENT OF COMMERCE
DIVISION OF NATURAL RESOURCES
OFFICE OF LAND AND STREAMS

WRA
Whitman, Requardt & Associates, LLP
300 Summers Street, Suite 610, Charleston, WV 25301

TRC
CHARLESTON, WEST VIRGINIA

SCALE : 0 300 ft.

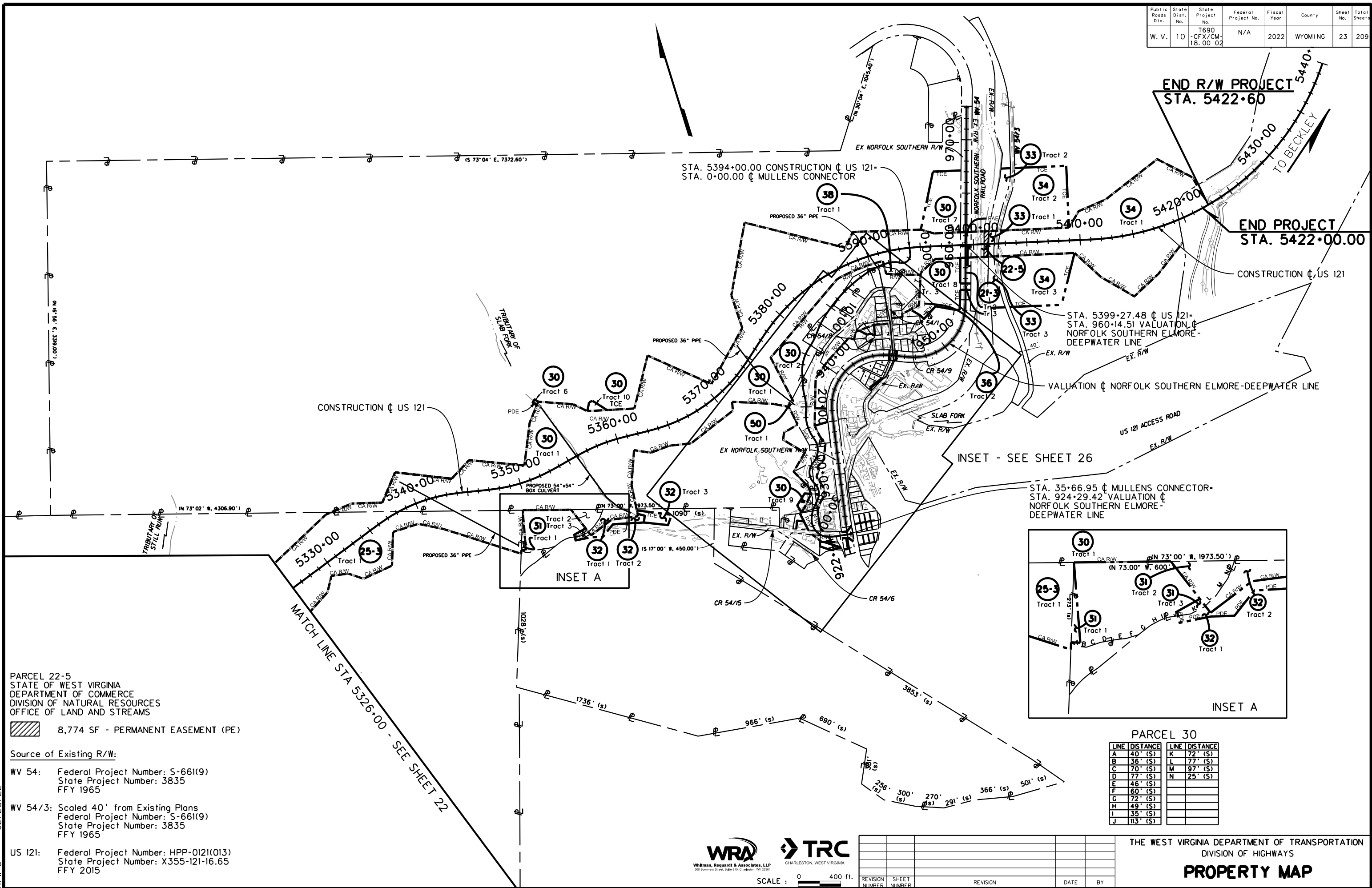
REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROPERTY MAP

R/W-3 02/28/22

28-MAY-2022 08:59 PM

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	23	209



END R/W PROJECT
STA. 5422+60

END PROJECT
STA. 5422+00.00

CONSTRUCTION C US 121

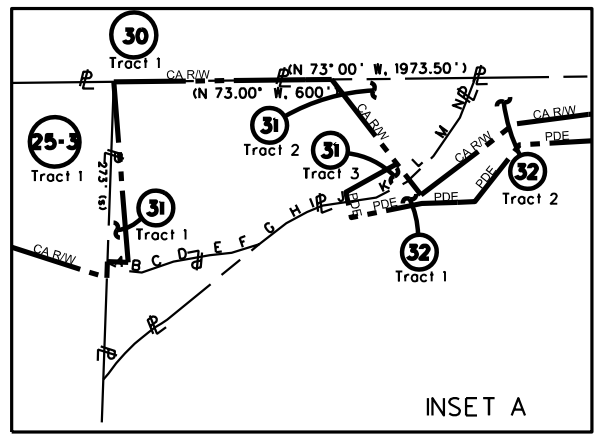
STA. 5399+27.48 C US 121-
STA. 960+14.51 VALUATION C
NORFOLK SOUTHERN ELMORE-
DEEPWATER LINE

VALUATION C NORFOLK SOUTHERN ELMORE-DEEPWATER LINE

STA. 35+66.95 C MULLENS CONNECTOR-
STA. 924+29.42 VALUATION C
NORFOLK SOUTHERN ELMORE-
DEEPWATER LINE

INSET - SEE SHEET 26

INSET A



PARCEL 30

LINE	DISTANCE	LINE	DISTANCE
A	40' (S)	K	72' (S)
B	36' (S)	L	77' (S)
C	70' (S)	M	97' (S)
D	77' (S)	N	25' (S)
E	46' (S)		
F	60' (S)		
G	72' (S)		
H	49' (S)		
I	35' (S)		
J	113' (S)		

PARCEL 22-5
STATE OF WEST VIRGINIA
DEPARTMENT OF COMMERCE
DIVISION OF NATURAL RESOURCES
OFFICE OF LAND AND STREAMS

8,774 SF - PERMANENT EASEMENT (PE)

Source of Existing R/W:

WV 54: Federal Project Number: S-661(9)
State Project Number: 3835
FFY 1965

WV 54/3: Scaled 40' from Existing Plans
Federal Project Number: S-661(9)
State Project Number: 3835
FFY 1965

US 121: Federal Project Number: HPP-0121(013)
State Project Number: X355-121-16.65
FFY 2015



SCALE: 0 400 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

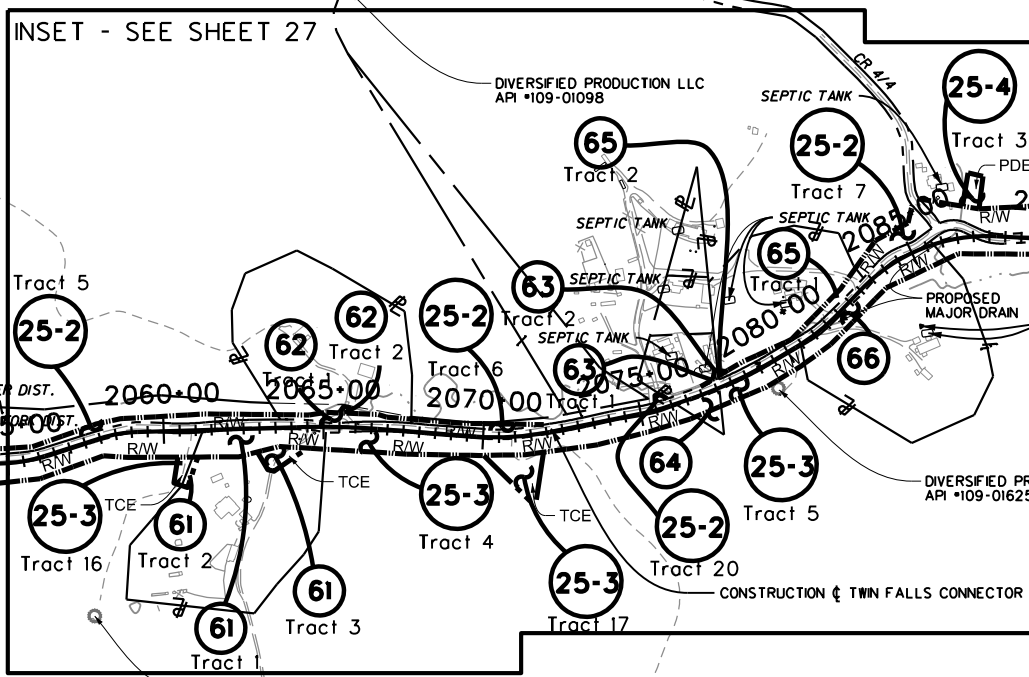
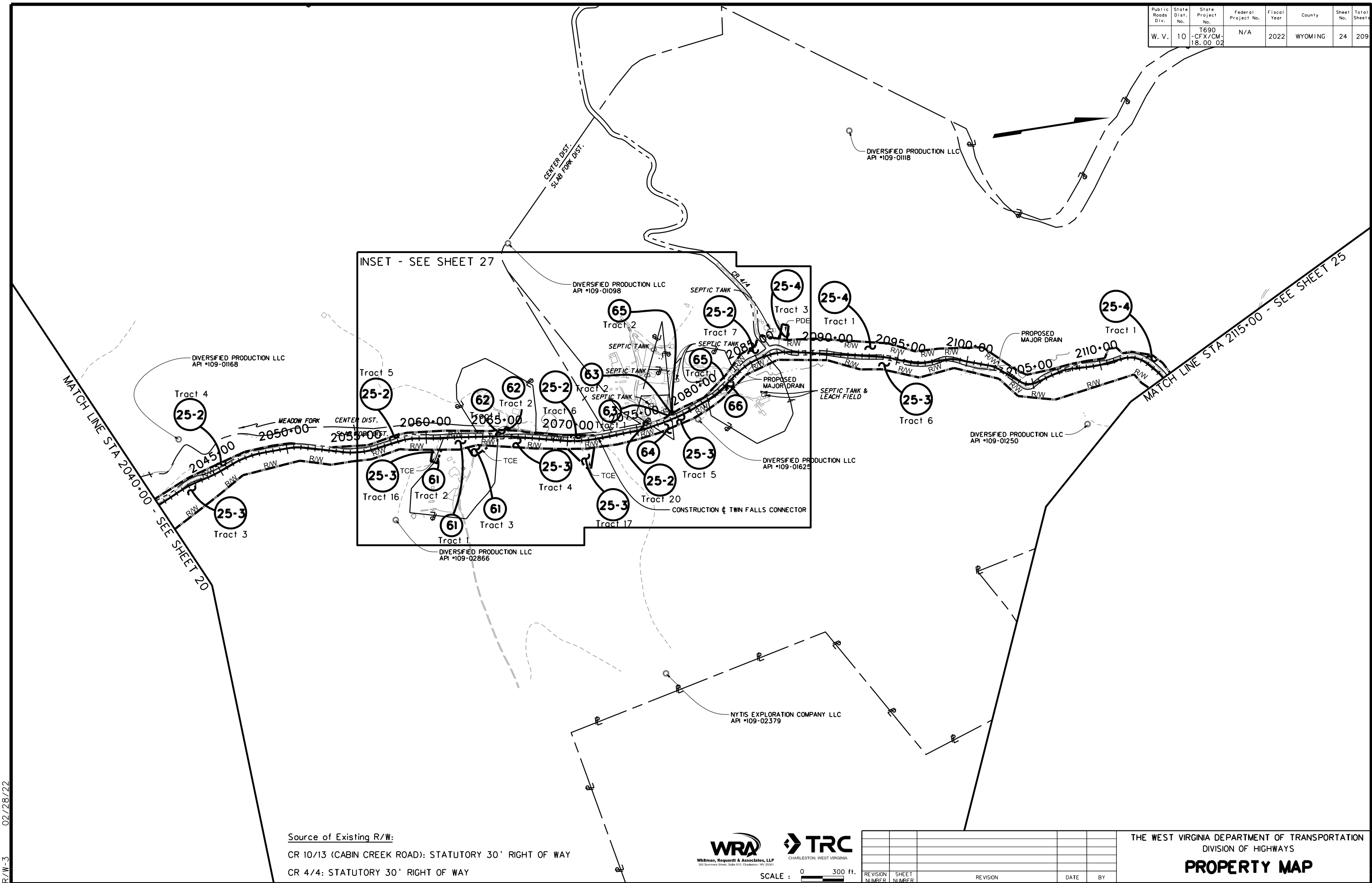
THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPERTY MAP

02/28/22

28-MAY-2022 08:55:14

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	24	209



MATCH LINE STA 2040+00 - SEE SHEET 20

MATCH LINE STA 2115+00 - SEE SHEET 25

Source of Existing R/W:
 CR 10/13 (CABIN CREEK ROAD): STATUTORY 30' RIGHT OF WAY
 CR 4/4: STATUTORY 30' RIGHT OF WAY



SCALE : 0 300 ft.

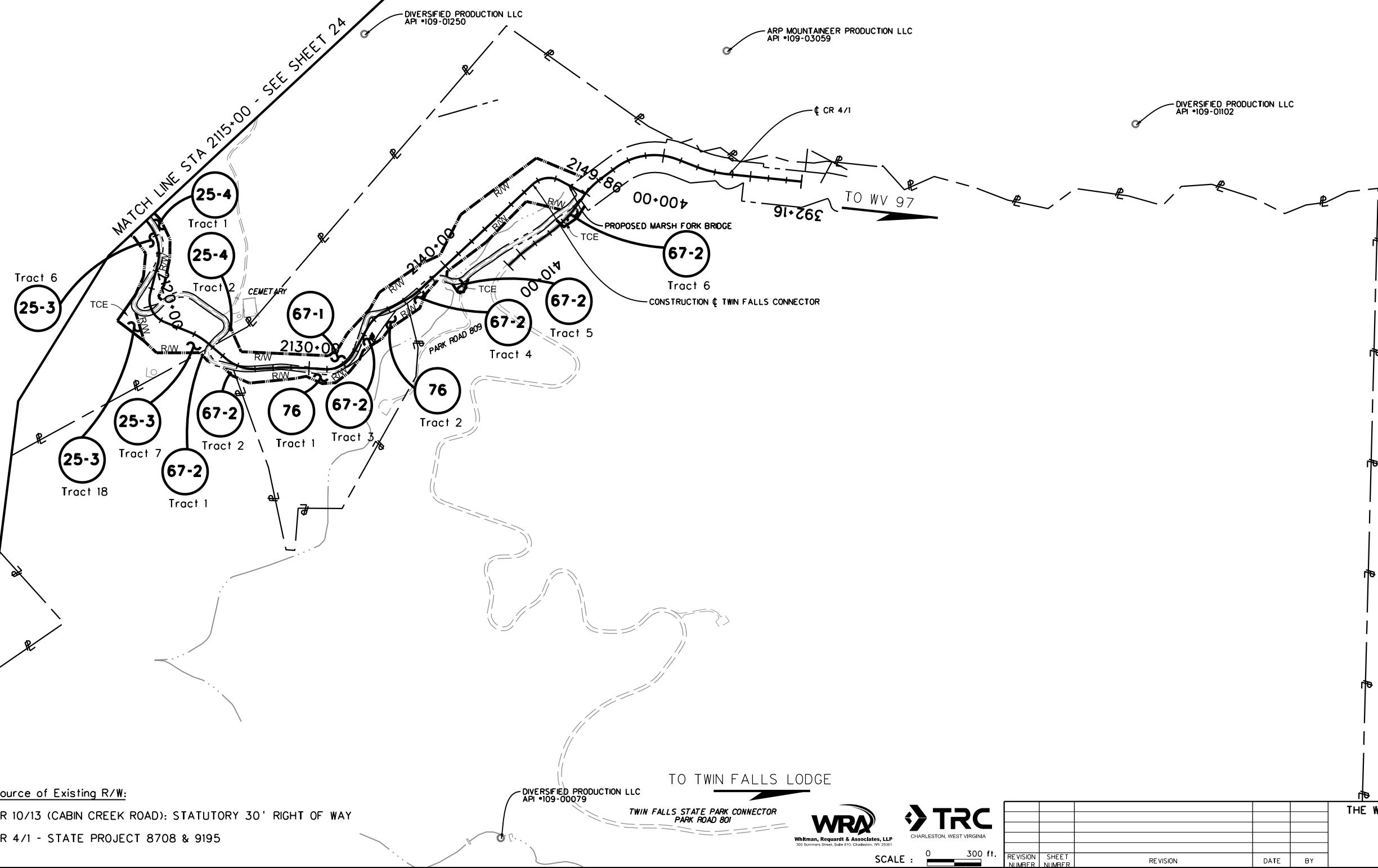
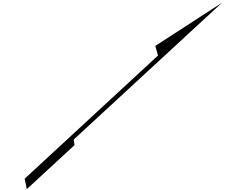
REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
PROPERTY MAP

02/28/22

28-MAY-2022 08:50:14 PM

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	25	209



Source of Existing R/W:
 CR 10/13 (CABIN CREEK ROAD): STATUTORY 30' RIGHT OF WAY
 CR 4/1 - STATE PROJECT 8708 & 9195

02/28/22
R/W-3

TO TWIN FALLS LODGE

TWIN FALLS STATE PARK CONNECTOR
 PARK ROAD 801



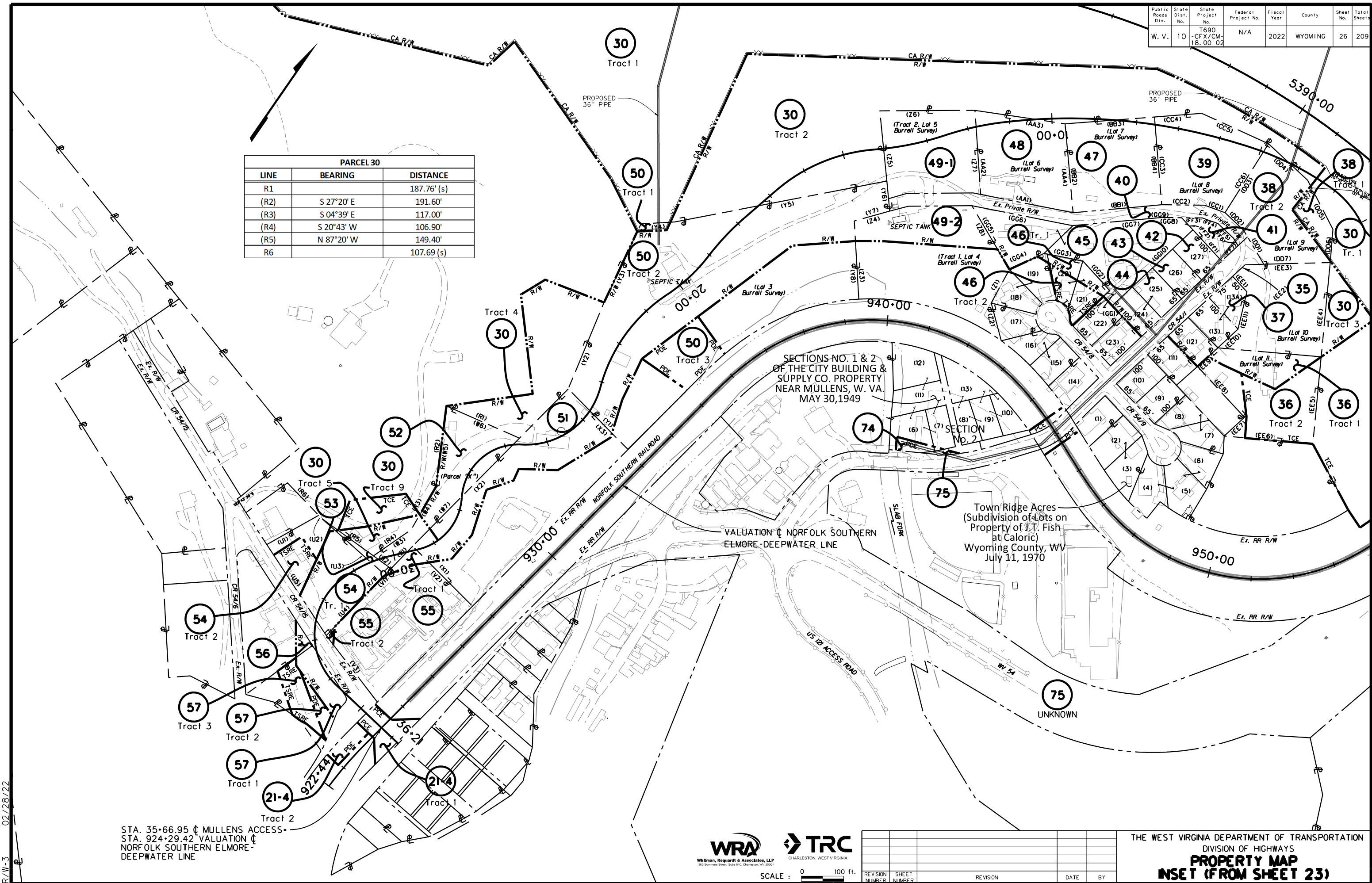
SCALE : 0 300 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
PROPERTY MAP

28-MAY-2022 08:58:54 PM

PARCEL 30		
LINE	BEARING	DISTANCE
R1		187.76' (s)
(R2)	S 27°20' E	191.60'
(R3)	S 04°39' E	117.00'
(R4)	S 20°43' W	106.90'
(R5)	N 87°20' W	149.40'
R6		107.69' (s)



STA. 35+66.95 \pm MULLENS ACCESS
 STA. 924+29.42 VALUATION \pm
 NORFOLK SOUTHERN ELMORE-
 DEEPWATER LINE



SCALE : 0 100 ft.

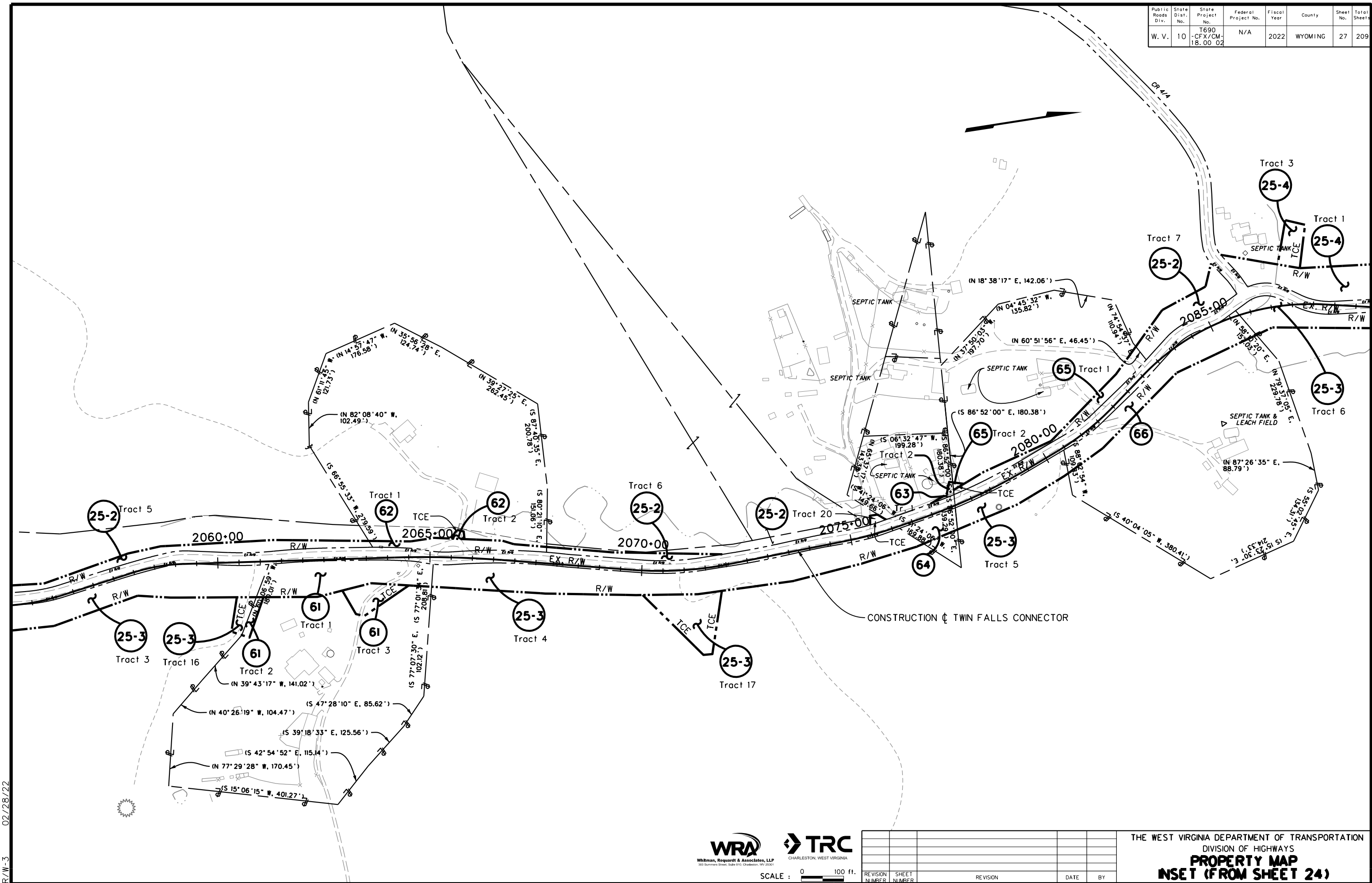
REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
PROPERTY MAP
INSET (FROM SHEET 23)

02/28/22

28-Apr-2022 08:50:14

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	27	209



R/W-3 02/28/22

WRA
Whitman, Requardt & Associates, LLP
300 Summers Street, Suite 610, Charleston, WV 25301

TRC
CHARLESTON, WEST VIRGINIA

SCALE : 0 100 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROPERTY MAP
INSET (FROM SHEET 24)

28-MAY-2022 08:59 PM

PARCEL 54		
LINE	BEARING	DISTANCE
(U1)	S 28°31' W	142.32'
(U2)	S 77°08' E	9.91'
(U3)	S 81°03' E	196.66'
(U4)	S 10°26' W	189.18'
(U5)	N 68°26' W	255.47'

PARCEL 55		
LINE	BEARING	DISTANCE
(V1)	N 00°42'16" E	279.94'
(V2)	S 89°15'11" E	196.54'
(V3)	N 78°26'55" W	200.14'

PARCEL 52		
LINE	BEARING	DISTANCE
(W1)	S 13°17' W	70.79'
(W2)	N 84°27' W	49.29'
(W3)	N 23°36' E	106.90'
(W4)	N 01°46' W	117.00'
(W5)	N 24°27' W	191.60'
(W6)	N 81°55' E	187.76'
(W7)	S 12°54' W	360.72'

PARCEL 51		
LINE	BEARING	DISTANCE
(X1)	N 76°43' W	196.42'
(X2)	N 12°54' E	522.29'
(X3)	S 76°09' E	200.00'

PARCEL 50		
LINE	BEARING	DISTANCE
(Y1)	N 76°09' W	200.00'
(Y2)	N 09°03' W	220.37'
(Y3)	N 06°25' W	204.69'
(Y4)	N 55°12' E	79.94'
(Y5)	N 47°30' E	508.54'
(Y6)	S 37°06' E	71.09'
(Y7)	S 42°47' W	86.71'
(Y8)	S 34°54' E	183.41'

PARCEL 49		
LINE	BEARING	DISTANCE
(Z1)	S 02°54' E	90.00'
(Z2)	S 46°11' E	90.00'
(Z3)	N 34°54' W	182.58'
Z4		86.71' (s)
(Z5)	N 37°06' W	208.06'
(Z6)	N 58°18' E	224.32'
(Z7)	S 35°15' E	198.65'
(Z8)	S 61°52' E	174.23'

PARCEL 48		
LINE	BEARING	DISTANCE
(AA1)	S 69°50' W	222.14'
(AA2)	N 35°15' W	198.65'
(AA3)	N 67°07' E	214.71'
(AA4)	S 36°33' E	210.53'

PARCEL 47		
LINE	BEARING	DISTANCE
(BB1)	S 53°25' W	209.51'
(BB2)	N 36°33' W	210.53'
(BB3)	N 54°16' E	211.11'
(BB4)	S 36°07' E	207.40'

PARCEL 39		
LINE	BEARING	DISTANCE
(CC1)	S 78°33' W	51.31'
(CC2)	S 59°17' W	101.06'
(CC3)	N 36°07' W	207.40'
(CC4)	N 54°04' E	111.65'
(CC5)	N 83°07' E	173.06'
(CC6)	S 00°51' W	192.01'

PARCEL 38		
LINE	BEARING	DISTANCE
(DD1)	N 62°06' W	91.46'
(DD2)	N 77°53' W	60.28'
(DD3)	N 00°51' E	192.01'
(DD4)	S 78°24' E	125.87'
(DD5)	S 58°38' E	130.44'
(DD6)	S 26°27' E	75.69'
(DD7)	S 56°40' W	157.35'

PARCEL 35		
LINE	BEARING	DISTANCE
(EE1)	N 74°40' W	50.00'
(EE2)	N 15°20' E	40.32'
(EE3)	N 56°40' E	200.40'
(EE4)	S 26°27' E	223.20'
(EE5)	S 26°27' E	206.07'
(EE6)	S 63°10' W	209.62'
(EE7)	N 15°20' E	65.00'
(EE8)	N 74°40' W	163.00'
(EE9)	N 15°20' E	65.00'
(EE10)	N 15°20' E	65.00'
(EE11)	N 18°22' W	90.14'

PARCEL 41		
LINE	BEARING	DISTANCE
(FF1)	N 74°40' W	100.00'
(FF2)	N 74°34' W	39.22'
(FF3)	N 59°17' E	50.93'
(FF4)	N 78°33' E	33.92'
(FF5)	S 77°53' E	49.86'
(FF6)	S 62°06' E	24.40'
(FF7)	S 15°20' W	49.51'

PARCEL 45		
LINE	BEARING	DISTANCE
(GG1)	N 12°34' E	20.00'
(GG2)	N 77°26' W	92.50'
(GG3)	S 66°04' W	93.00'
(GG4)	S 34°03' W	90.33'
(GG5)	N 61°52' W	174.23'
(GG6)	N 69°50' E	242.63'
(GG7)	N 55°19' E	191.75'
(GG8)	N 59°17' E	68.56'
GG9		39.22' (s)
(GG10)	S 12°34' W	260.00'

R/W-3 02/28/22

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



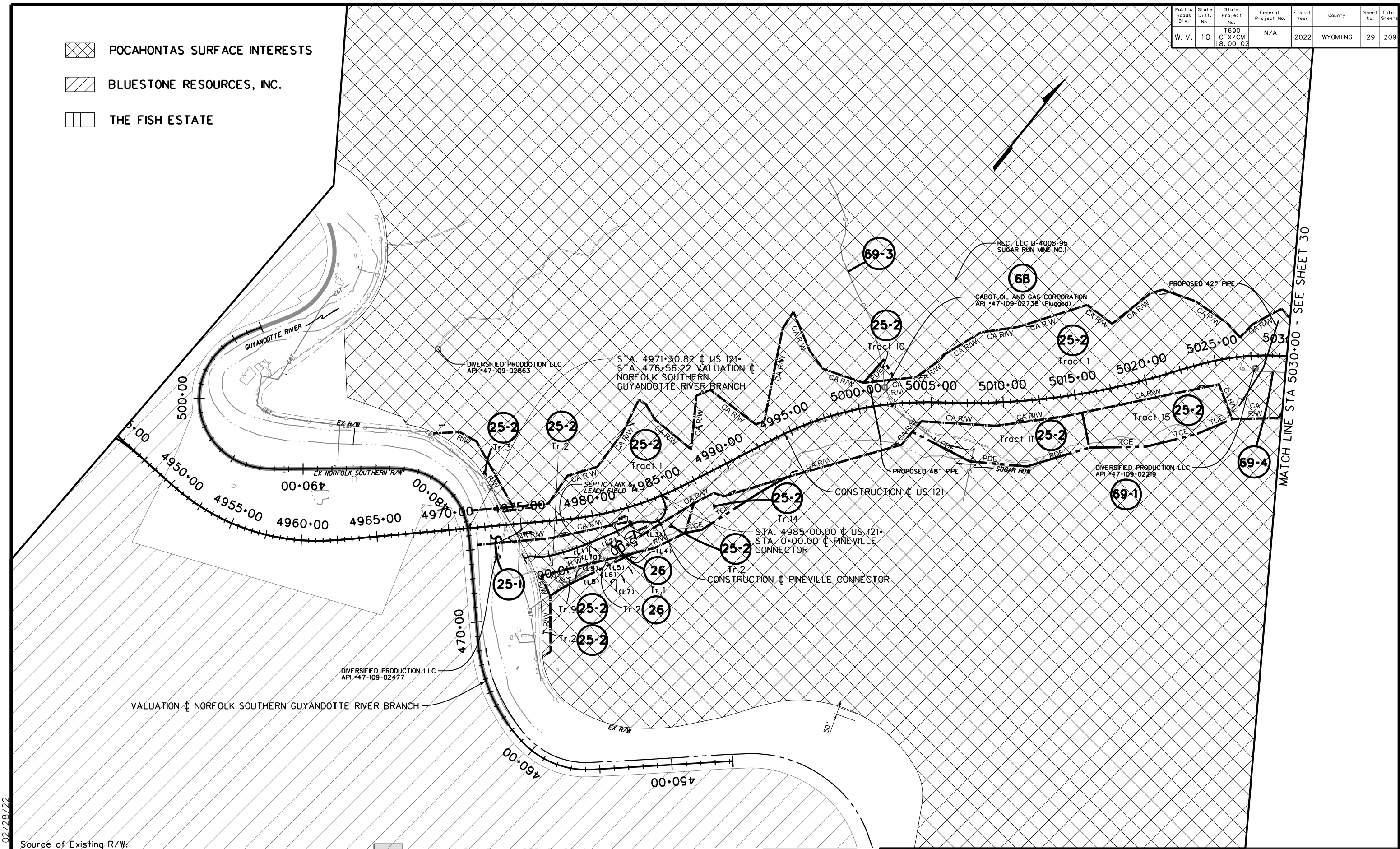
REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
**PROPERTY MAP
 BEARING TABLES**

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Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	29	209



-  POCAHONTAS SURFACE INTERESTS
-  BLUESTONE RESOURCES, INC.
-  THE FISH ESTATE



MATCH LINE STA 5030+00 - SEE SHEET 30

02/28/22

Source of Existing R/W:
 WV 16: State Project Number 3248B FFY 1923
 Norfolk Southern: Val Map V.8/S-8 (June 1, 1930)

-  WYOMING EAGLE, LLC PERMIT AREAS (PERMIT S501019)
-  WYOMING EAGLE, LLC HIGHWALL/AUGER MINING AREA

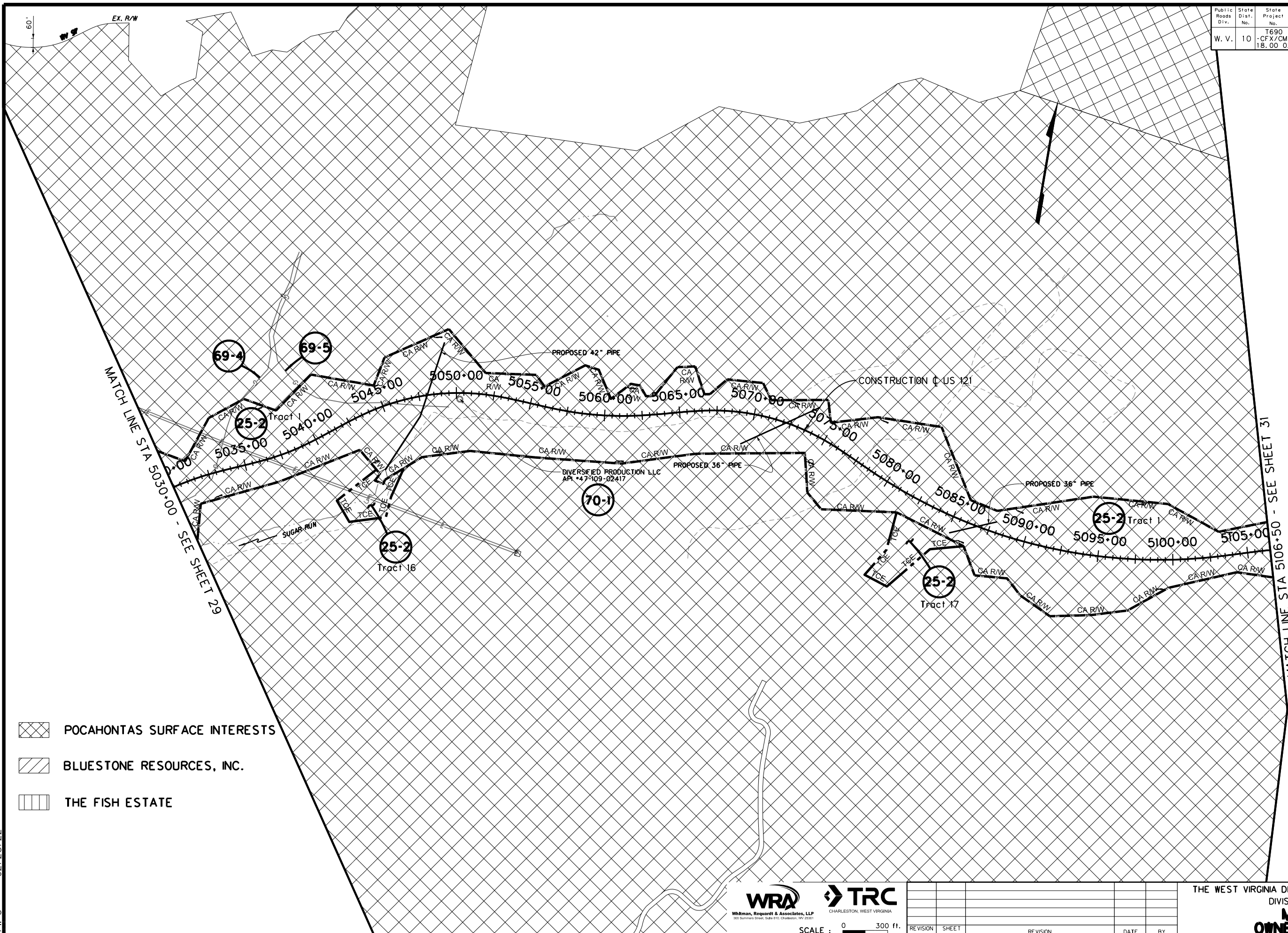


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REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY




THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
MINERAL OWNERSHIP MAP

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 - CFX/CM-18.00 02	N/A	2022	WYOMING	30	209



MATCH LINE STA 5030+00 - SEE SHEET 29

MATCH LINE STA 5106+50 - SEE SHEET 31

-  POCAHONTAS SURFACE INTERESTS
-  BLUESTONE RESOURCES, INC.
-  THE FISH ESTATE

R/W-3 02/28/22

WRA **TRC**
 Whilman, Reardon & Associates, LLP
 300 Summers Street, Suite 610, Charleston, WV 25301
 CHARLESTON, WEST VIRGINIA

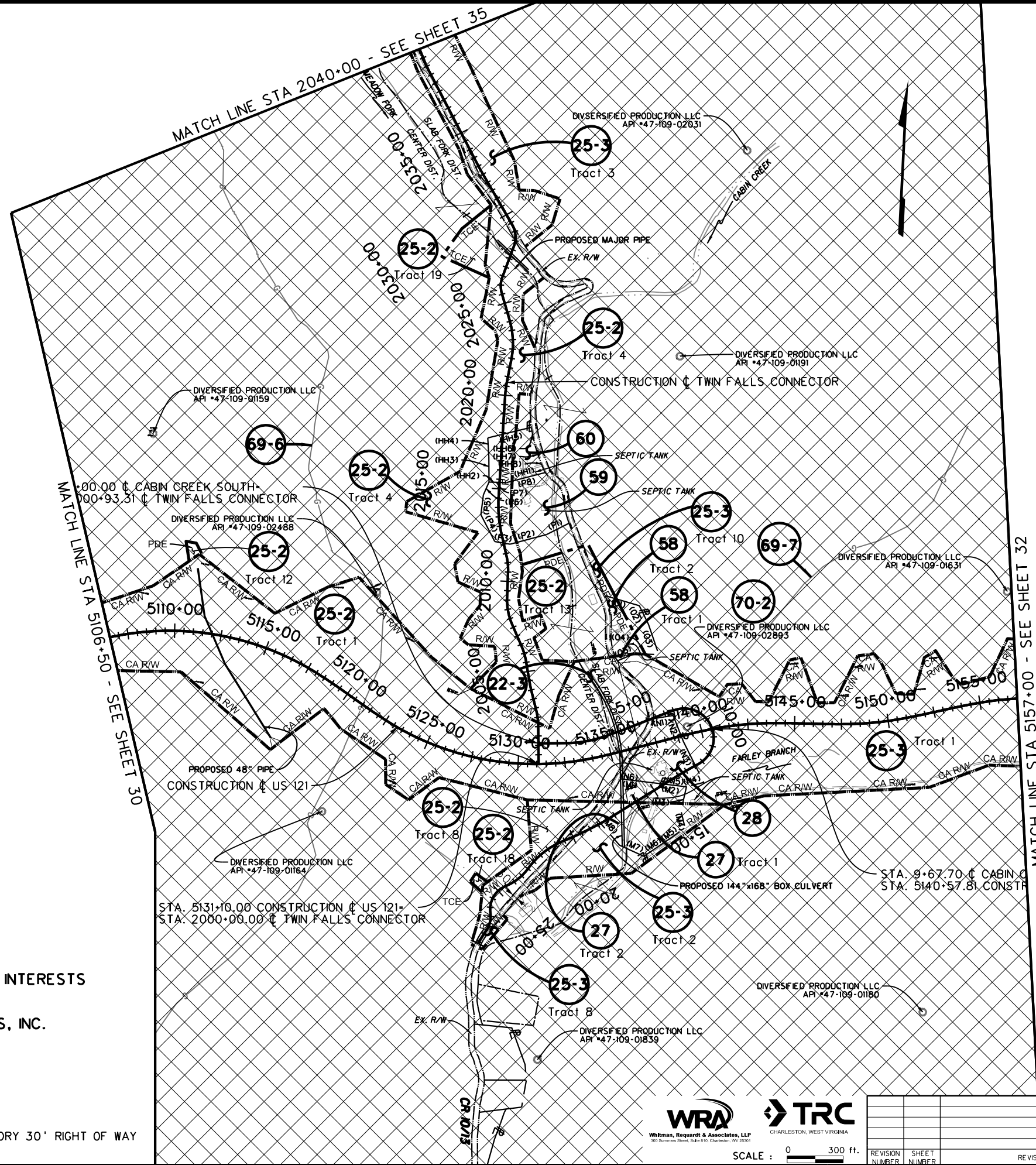
SCALE : 0 300 ft.




REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
MINERAL OWNERSHIP MAP

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Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 - CFX/CM-18.00 02	N/A	2022	WYOMING	31	209



-  POCAHONTAS SURFACE INTERESTS
-  BLUESTONE RESOURCES, INC.
-  THE FISH ESTATE

Source of Existing R/W:
CR 10/13 (CABIN CREEK ROAD): STATUTORY 30' RIGHT OF WAY



SCALE : 0 300 ft.




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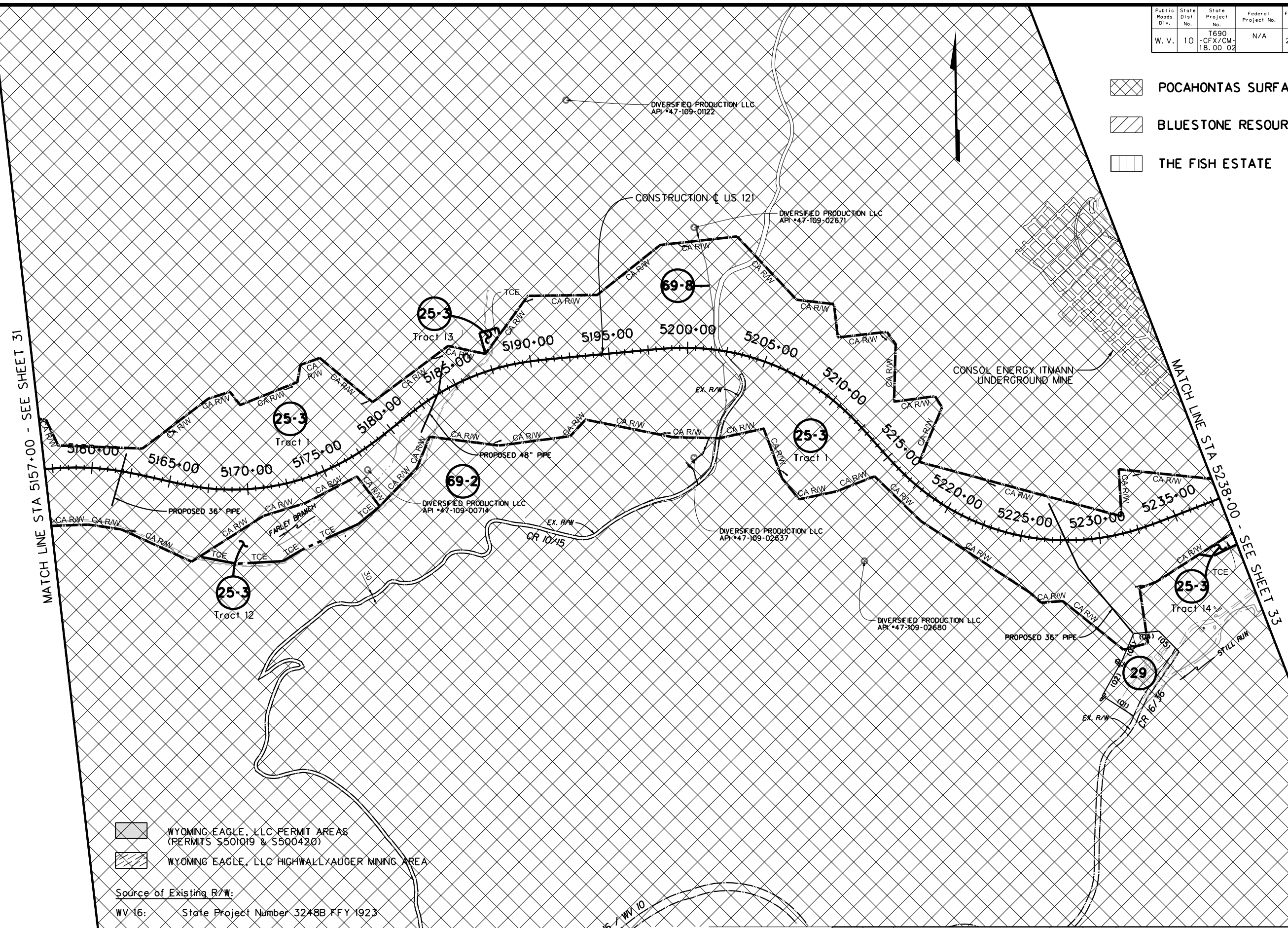
THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
MINERAL OWNERSHIP MAP

02/28/22

28-MAY-2022 09:50:14

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	32	209

-  POCAHONTAS SURFACE INTERESTS
-  BLUESTONE RESOURCES, INC.
-  THE FISH ESTATE



MATCH LINE STA 5157+00 - SEE SHEET 31

MATCH LINE STA 5238+00 - SEE SHEET 33

-  WYOMING EAGLE, LLC PERMIT AREAS (PERMITS S501019 & S500420)
-  WYOMING EAGLE, LLC HIGHWALL/AUGER MINING AREA

Source of Existing R/W:
 WV 16: State Project Number 3248B FFY 1923
 CR-10/15 & CR 16/36. 30 Ft Statutory Right of Way



WRA **TRC**
 Whittman, Reardon & Associates, LLP
 300 Summers Street, Suite 610, Charleston, WV 25301
 CHARLESTON, WEST VIRGINIA

SCALE : 0 300 ft.




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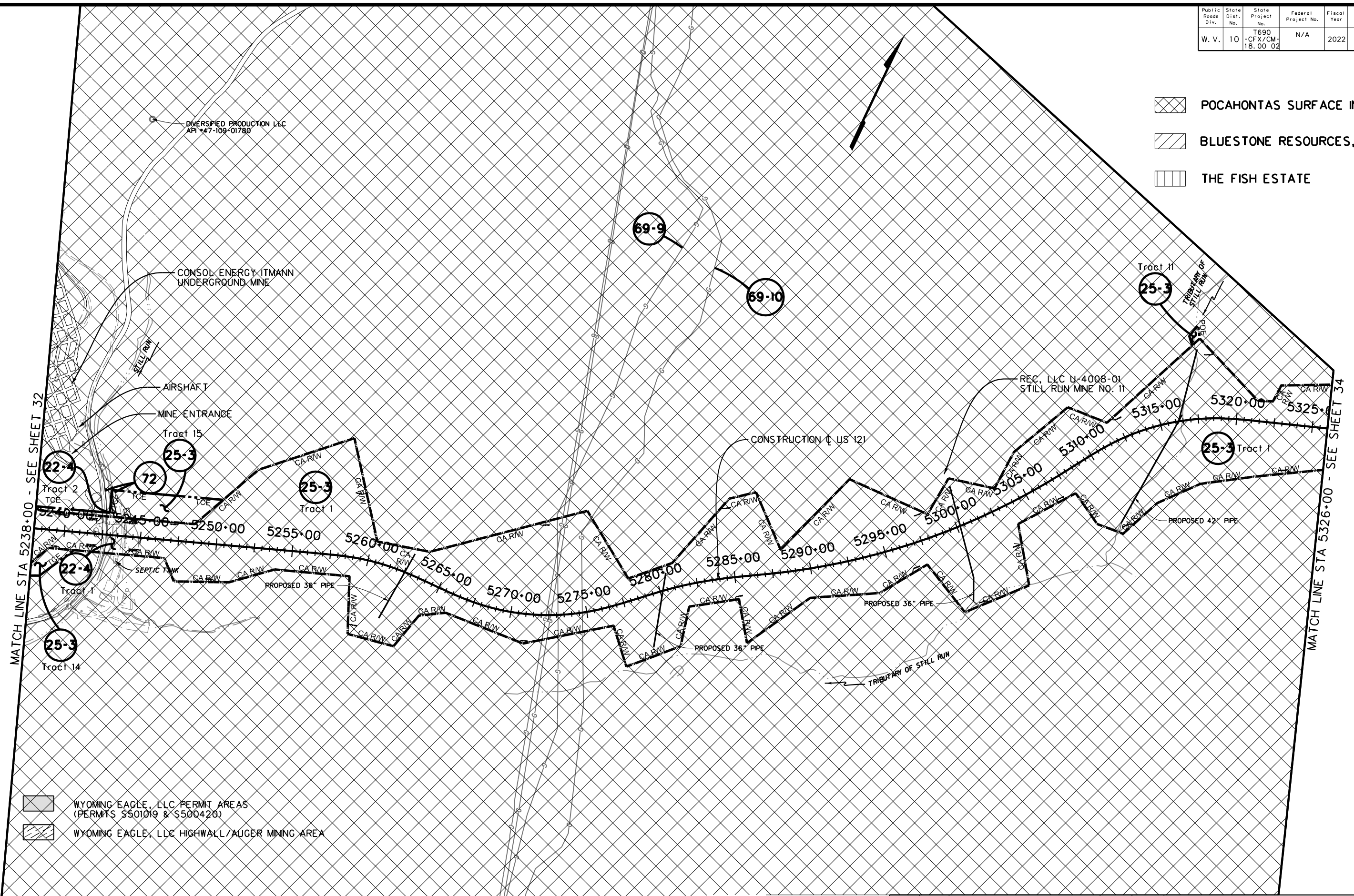
THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
MINERAL OWNERSHIP MAP

R/W-3 02/28/22

28-Apr-2022 08:50:14

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 - CFX/CM-18.00 02	N/A	2022	WYOMING	33	209

-  POCAHONTAS SURFACE INTERESTS
-  BLUESTONE RESOURCES, INC.
-  THE FISH ESTATE



MATCH LINE STA 5238+00 - SEE SHEET 32

MATCH LINE STA 5326+00 - SEE SHEET 34

-  WYOMING EAGLE, LLC PERMIT AREAS (PERMITS S501019 & S500420)
-  WYOMING EAGLE, LLC HIGHWALL/AUGER MINING AREA

R/W-3 02/28/22

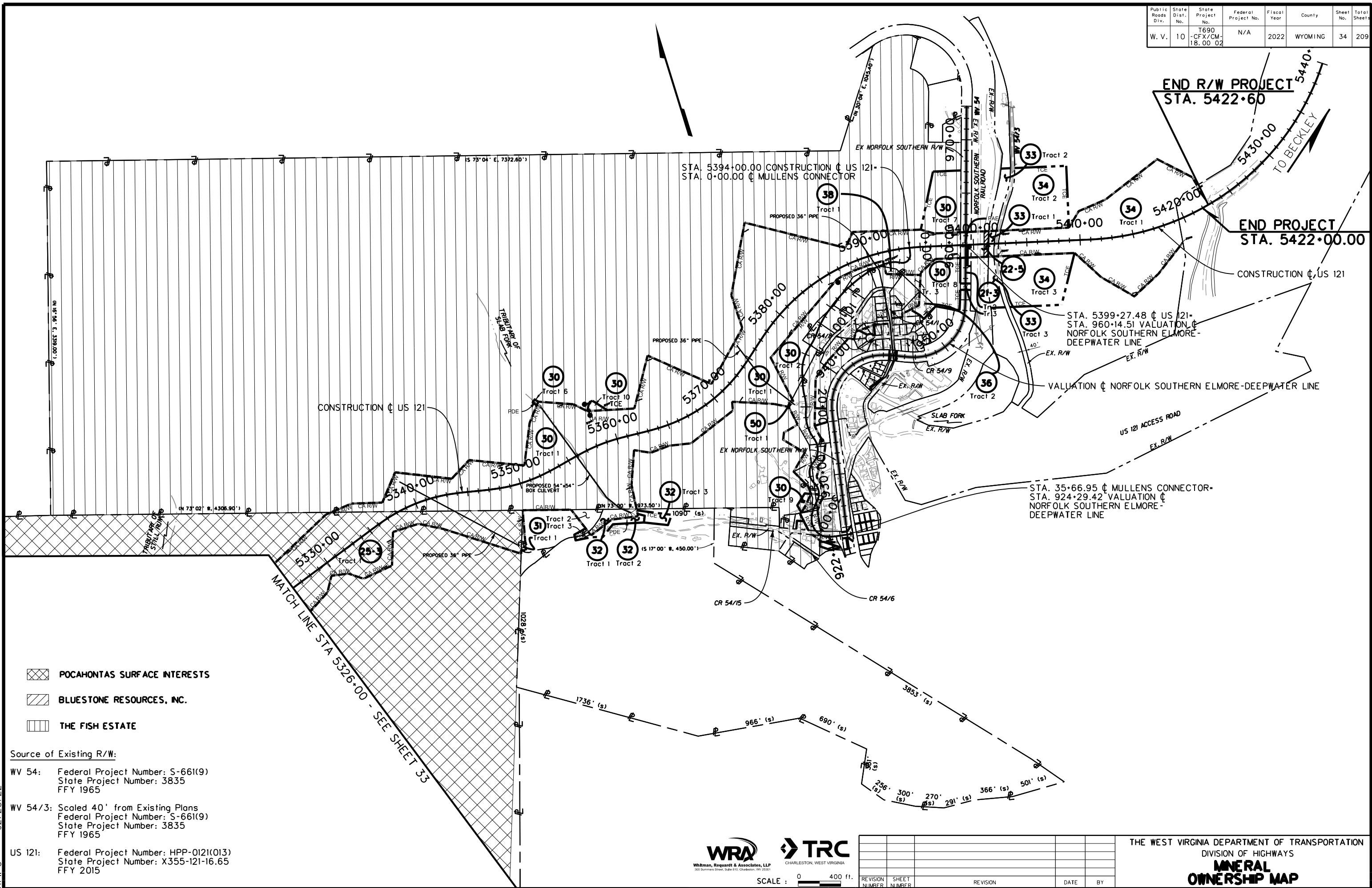
WRA **TRC**
 Whisman, Reardon & Associates, LLP CHARLESTON, WEST VIRGINIA
 300 Summers Street, Suite 610, Charleston, WV 25301




SCALE : 0 300 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
MINERAL OWNERSHIP MAP

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	34	209



-  POCAHONTAS SURFACE INTERESTS
-  BLUESTONE RESOURCES, INC.
-  THE FISH ESTATE

Source of Existing R/W:

WV 54: Federal Project Number: S-661(9)
State Project Number: 3835
FFY 1965

WV 54/3: Scaled 40' from Existing Plans
Federal Project Number: S-661(9)
State Project Number: 3835
FFY 1965

US 121: Federal Project Number: HPP-0121(013)
State Project Number: X355-121-16.65
FFY 2015

MATCH LINE STA 5326+00 - SEE SHEET 33



SCALE : 0 400 ft.

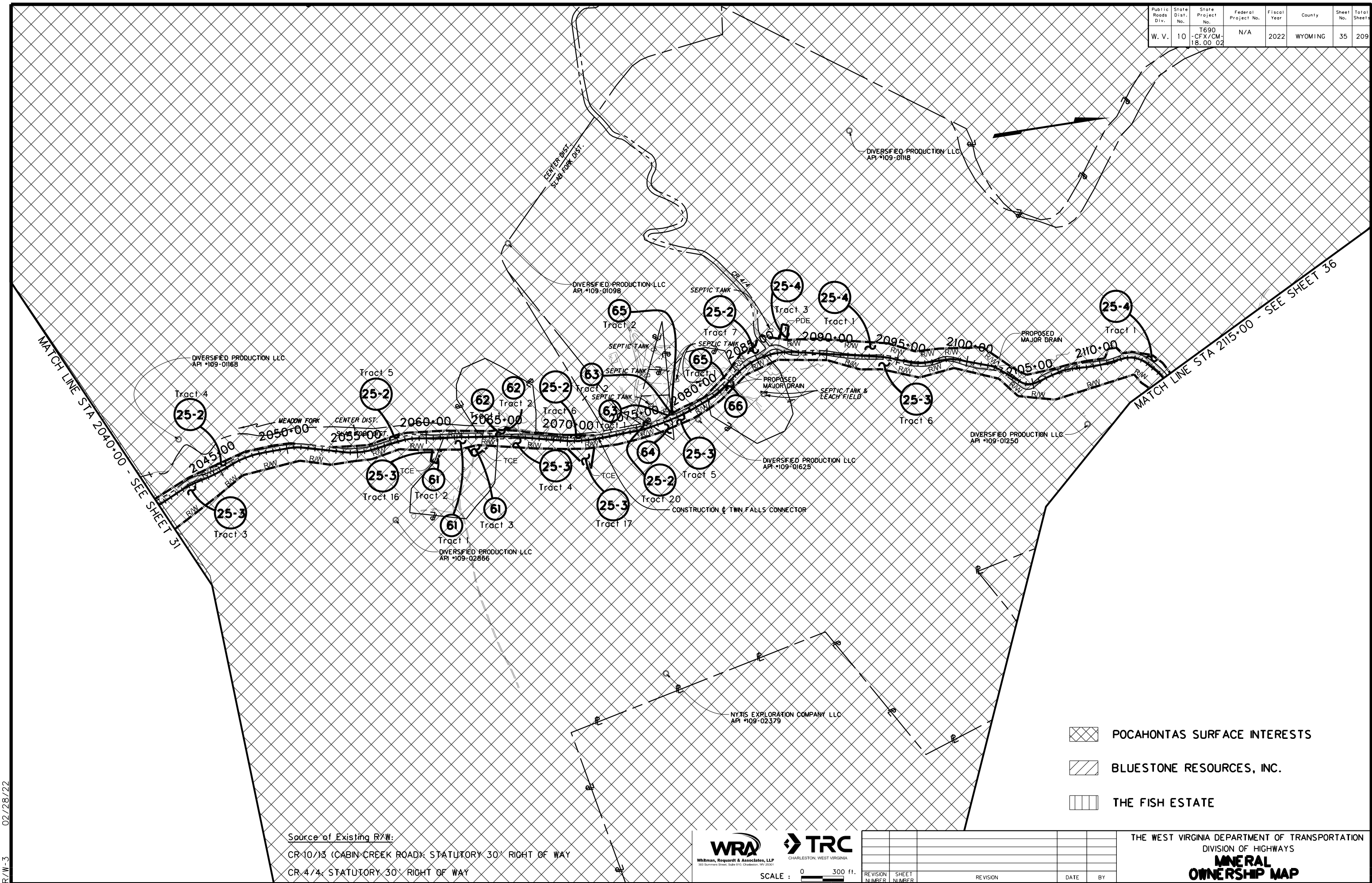
REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
MINERAL OWNERSHIP MAP

02/28/22




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Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 - CFX/CM-18.00 02	N/A	2022	WYOMING	35	209



MATCH LINE STA 2040+00 - SEE SHEET 31

MATCH LINE STA 2115+00 - SEE SHEET 36

-  POCAHONTAS SURFACE INTERESTS
-  BLUESTONE RESOURCES, INC.
-  THE FISH ESTATE

Source of Existing R/W:
 CR 10/13 (CABIN CREEK ROAD): STATUTORY 30' RIGHT OF WAY
 CR 4/4: STATUTORY 30' RIGHT OF WAY

WRA **TRC**
 Whittman, Reardon & Associates, LLP
 300 Summers Street, Suite 610, Charleston, WV 25301
 CHARLESTON, WEST VIRGINIA

SCALE : 0 300 ft.




REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

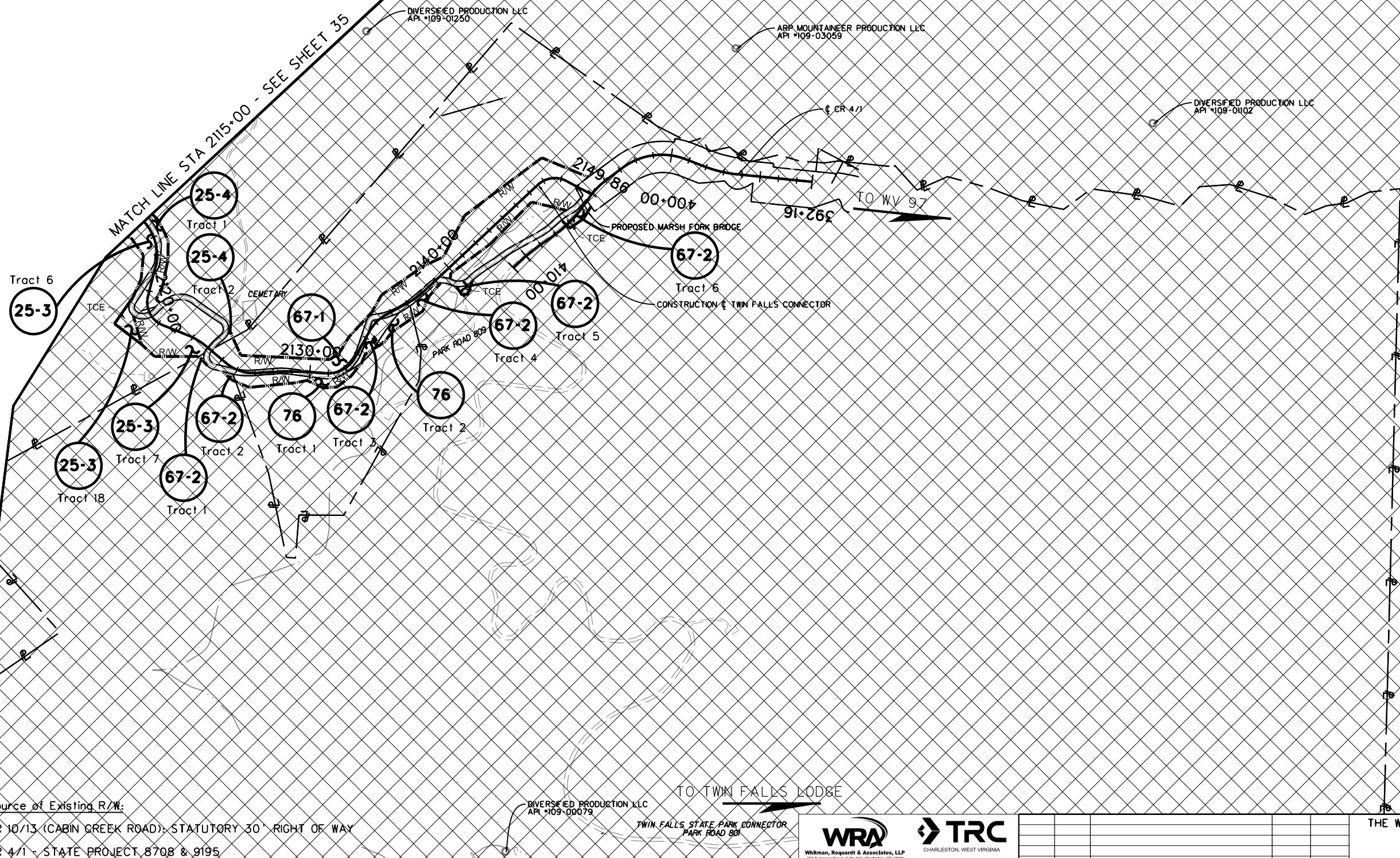
THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
MINERAL OWNERSHIP MAP

R/W-3 02/28/22

28-MAY-2022 08:57 PM

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	36	209

-  POCAHONTAS SURFACE INTERESTS
-  BLUESTONE RESOURCES, INC.
-  THE FISH ESTATE



Source of Existing R/W:
 CR 10/13 (CABIN CREEK ROAD): STATUTORY 30' RIGHT OF WAY
 CR 4/1 - STATE PROJECT 8708 & 9195

02/28/22

TO TWIN FALLS LODGE

WRA **TRC**
 Whitman, Requardt & Associates, LLP
 Charleston, West Virginia

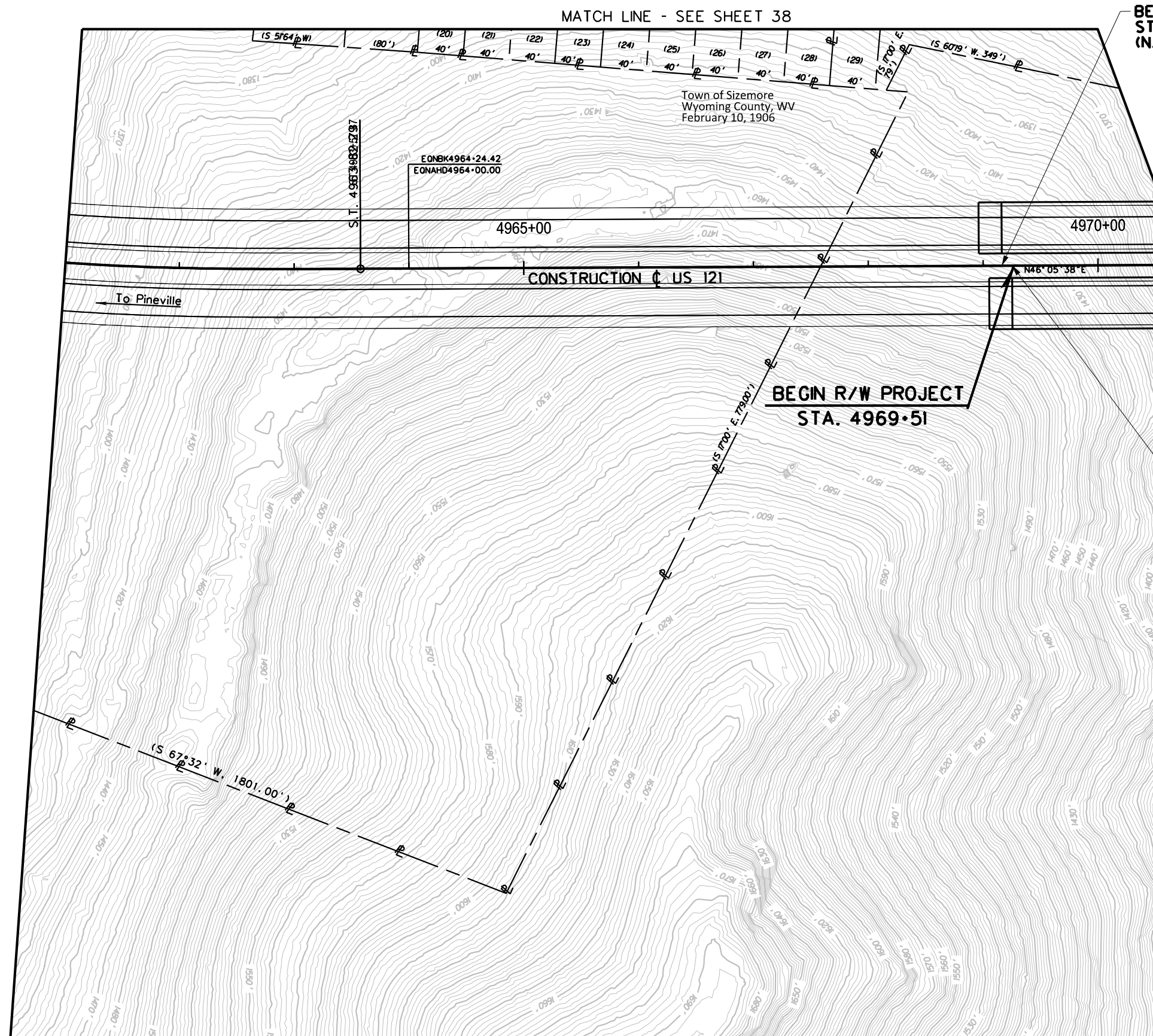
SCALE : 0 300 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
MINERAL OWNERSHIP MAP

28-MAY-2022 08:07 PM

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 - CFX/CM-18.00 02	N/A	2022	WYOMING	37	209



MATCH LINE - SEE SHEET 38

BEGIN BRIDGE #11694 SBL
STA. 4969-16.25
(N.I.C.)

MATCH LINE STA 4970+50 - SEE SHEET 39

4965+00

4970+00

CONSTRUCTION OF US 121

To Pineville

BEGIN R/W PROJECT
STA. 4969-51

BEGIN BRIDGE #11694 NBL
STA. 4969-25.25
(N.I.C.)

MATCH LINE - SEE SHEET 40

R/W-3 02/28/22

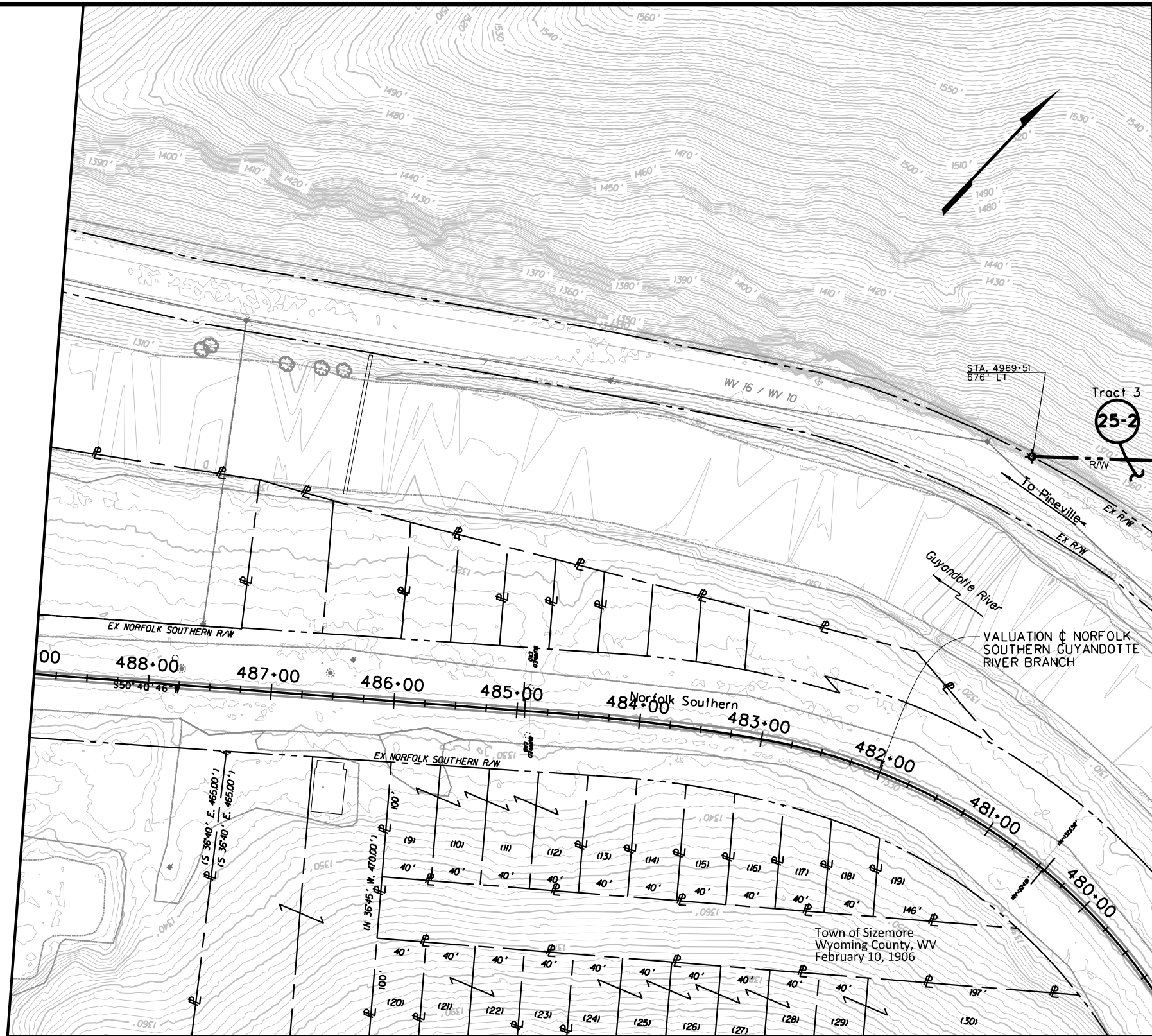


SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**RIGHT OF WAY
PLAN SHEET**

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 - CFX/CM-18.00 02	N/A	2022	WYOMING	38	209



MATCH LINE STA 4970+50 - SEE SHEET 39

MATCH LINE - SEE SHEET 37

R/W-3 02/28/22



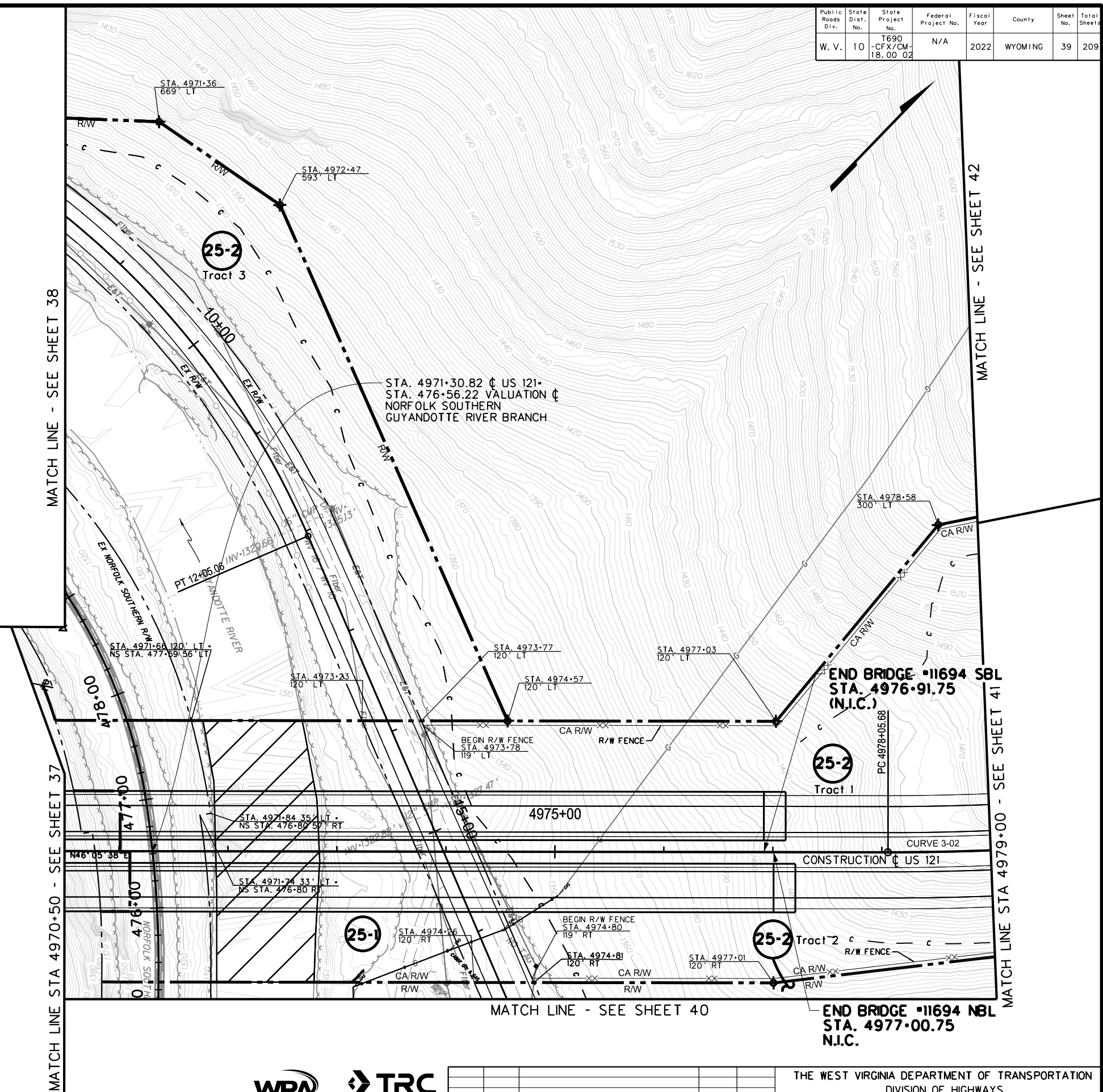
SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
**RIGHT OF WAY
 PLAN SHEET**

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 - CFX/CM-18.00 02	N/A	2022	WYOMING	39	209

COALFIELDS – MAINLINE CURVE – 3-02 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 4982+51.06	210,542.9155	1,822,955.1134
PC STA. = 4978+05.68	210,234.0516	1,822,634.2256
PT STA. = 4986+85.37	210,949.8325	1,823,136.1782
GEOMETRIC DATA		
$\Delta = 22^{\circ}06'22.75''$ LT	LC = 879.69'	
$D_c = 2^{\circ}30'46.70''$	M = 42.29'	
R = 2,280.00'	SE = 6.8%	
T = 445.38'	RUNOFF = 245.00'	
L = 879.69'	RUNOUT = 72.06'	
E = 43.09'		



R/W-3 02/28/22



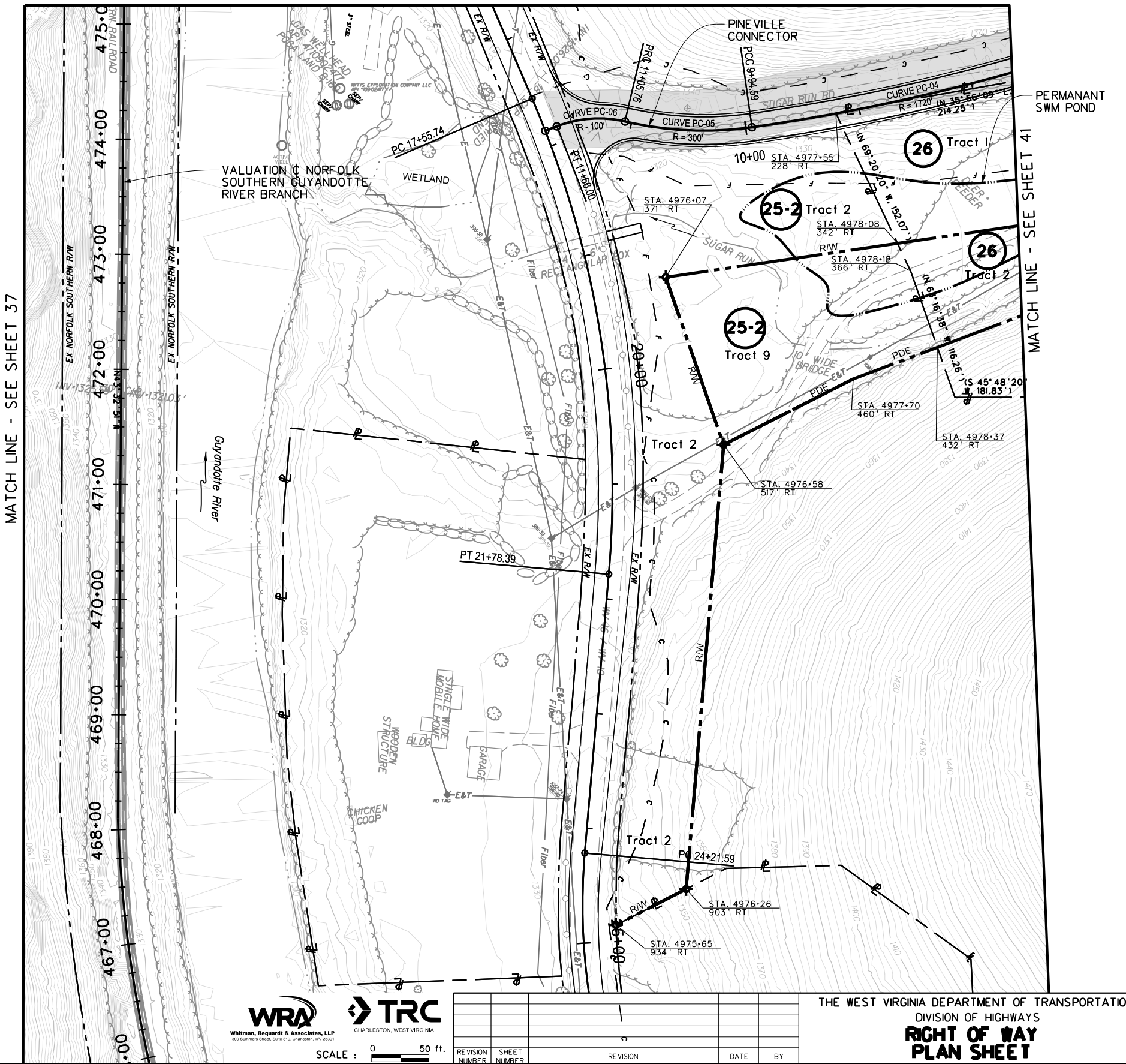
SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**RIGHT OF WAY
PLAN SHEET**

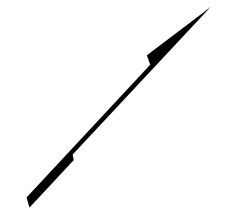
Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	40	209

MATCH LINE - SEE SHEET 39



MATCH LINE - SEE SHEET 37

MATCH LINE - SEE SHEET 41



*SEE GEOMETRIC LAYOUT SHEETS FOR PINEVILLE CONNECTOR CURVE DATA.

- WYOMING EAGLE, LLC PERMIT AREAS (PERMIT S501019)
- WYOMING EAGLE, LLC HIGHWALL/AUGER MINING AREA

WRA **TRC**
 Whilman, Requardt & Associates, LLP
 300 Summers Street, Suite 610, Charleston, WV 25301
 CHARLESTON, WEST VIRGINIA

SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

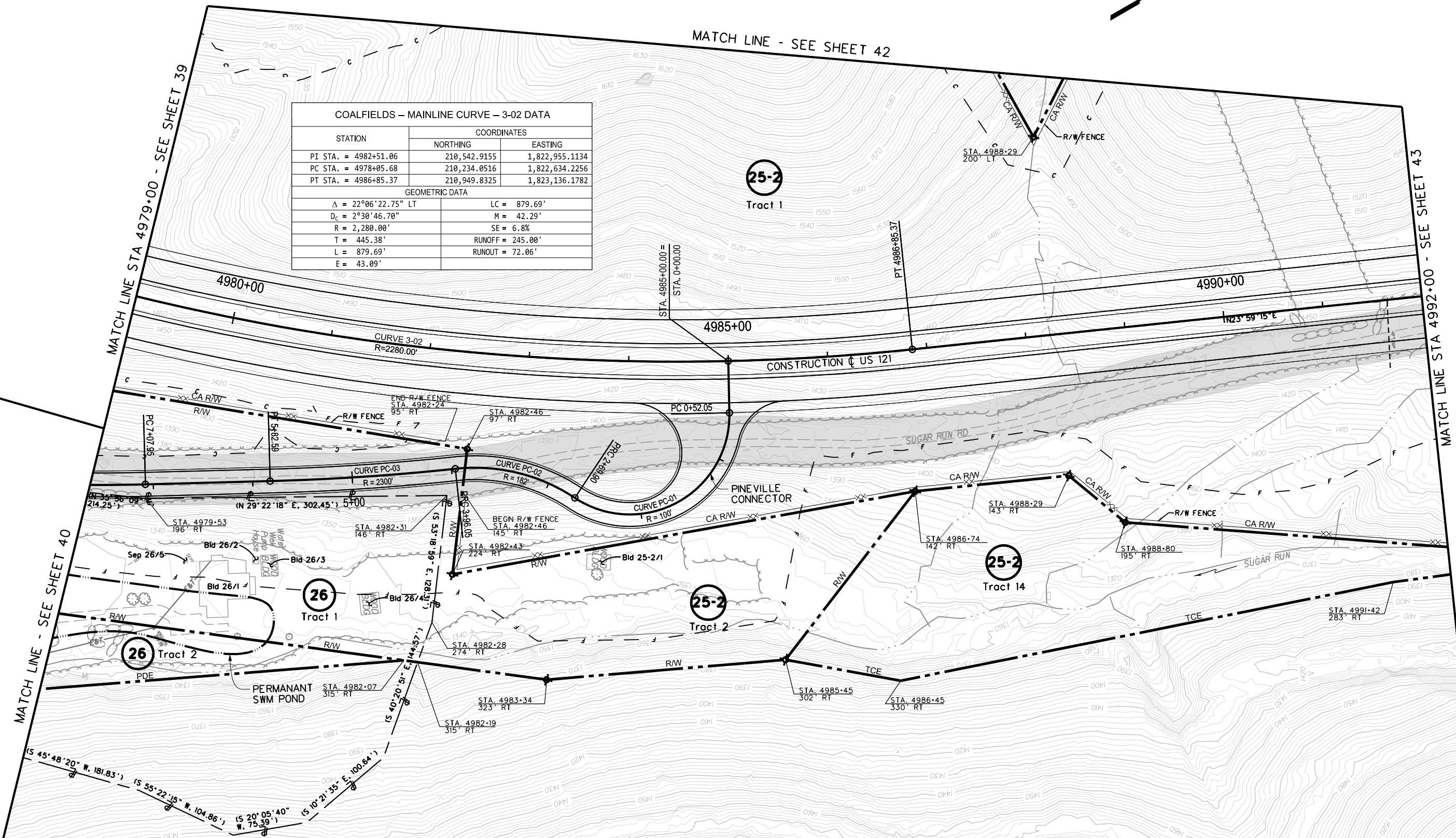
THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
**RIGHT OF WAY
 PLAN SHEET**

02/28/22

28-MAY-2022 09:57 PM

*SEE GEOMETRIC LAYOUT SHEETS FOR PINEVILLE CONNECTOR CURVE DATA.

COALFIELDS - MAINLINE CURVE - 3-02 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 4982+51.06	210,542.9155	1,822,955.1134
PC STA. = 4978+05.68	210,234.0516	1,822,634.2256
PT STA. = 4986+85.37	210,949.8325	1,823,136.1782
GEOMETRIC DATA		
$\Delta = 22^{\circ}06'22.75''$ LT	LC = 879.69'	
$D_c = 2^{\circ}30'46.70''$	M = 42.29'	
R = 2,280.00'	SE = 6.8%	
T = 445.38'	RUNOFF = 245.00'	
L = 879.69'	RUNOUT = 72.06'	
E = 43.09'		



WYOMING EAGLE, LLC PERMIT AREAS (PERMIT S501019)
 WYOMING EAGLE, LLC HIGHWALL/AUGER MINING AREA

Whilman, Requardt & Associates, LLP
 300 Summers Street, Suite 610, Charleston, WV 25301
 CHARLESTON, WEST VIRGINIA

SCALE : 0 50 ft.

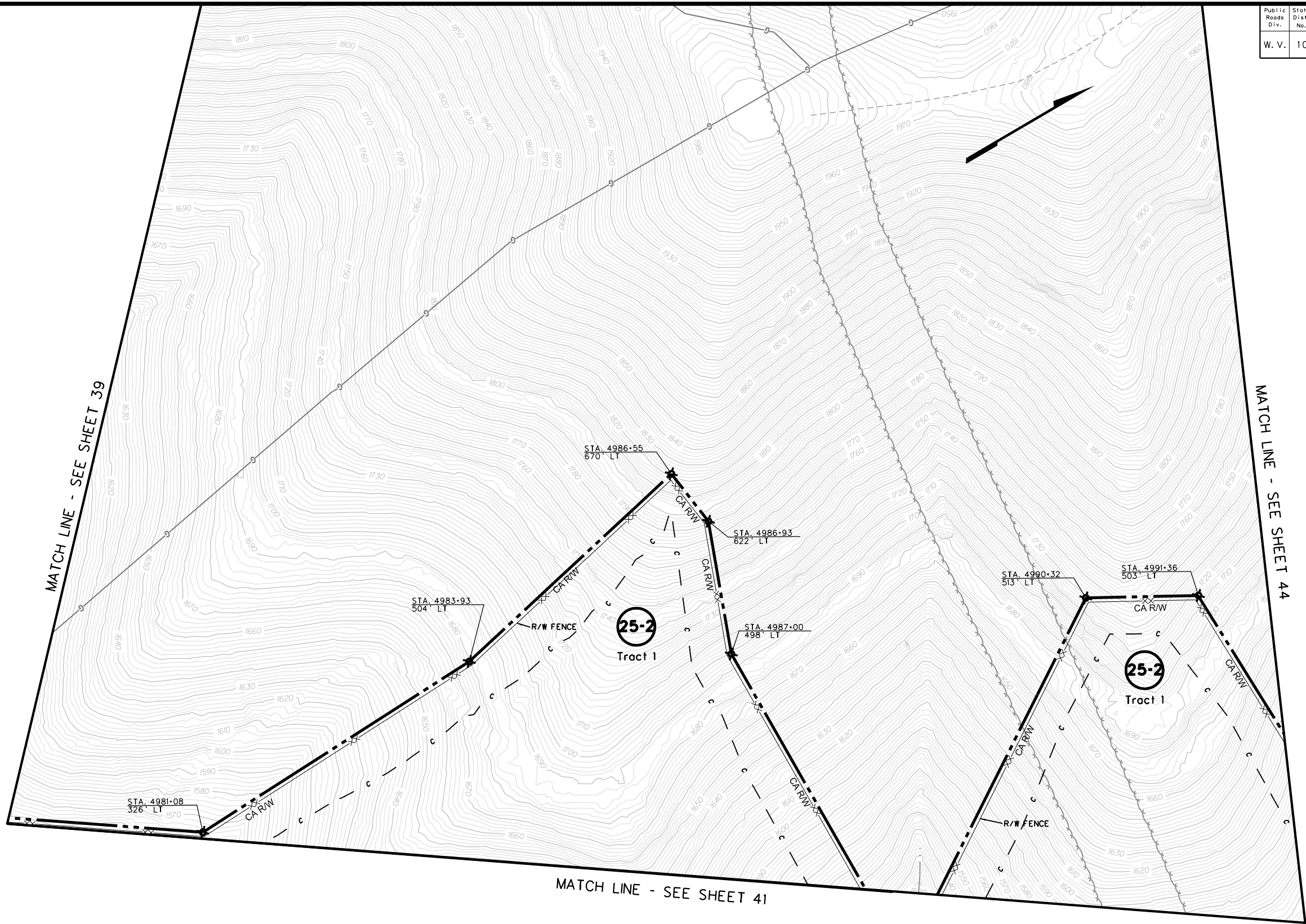
REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
RIGHT OF WAY PLAN SHEET

R/W-3 02/28/22

28-MAY-2022 08:07 PM

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	42	209



MATCH LINE - SEE SHEET 39

MATCH LINE - SEE SHEET 44

MATCH LINE - SEE SHEET 41

R/W-3 02/28/22



SCALE : 0 50 ft.

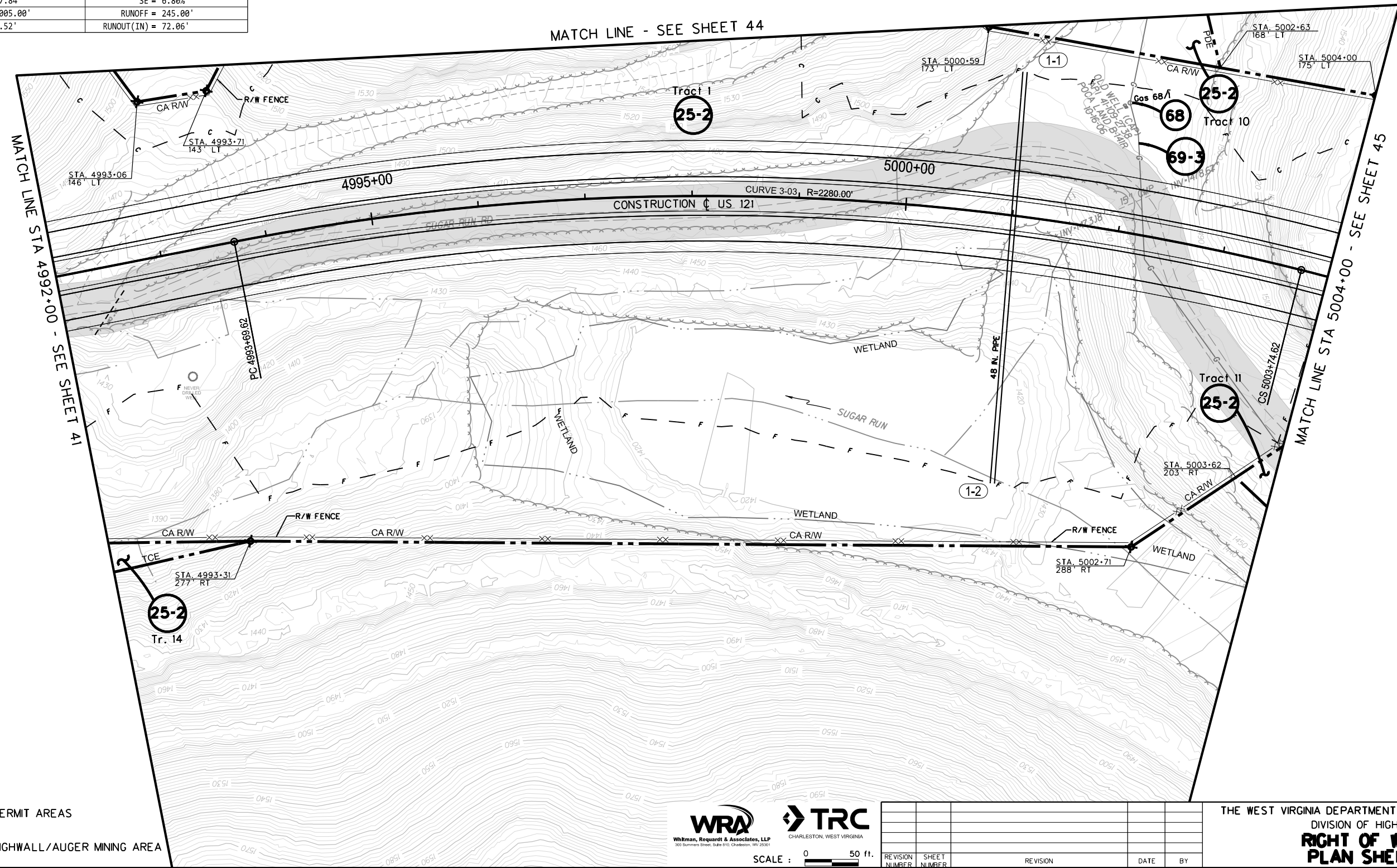
REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
**RIGHT OF WAY
 PLAN SHEET**

28-MAY-2022 10:57 PM

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 - CFX/CM-18.00 02	N/A	2022	WYOMING	43	209

COALFIELDS -- MAINLINE CURVE -- 3-03 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 4999+47.45	212,102.9155	1,823,649.2626
CPI STA. = 4998+80.41	212,041.6651	1,823,622.0082
PC STA. = 4993+69.62	211,574.9832	1,823,414.3500
CS STA. = 5003+74.62	212,375.1411	1,824,008.9290
SS STA. = 5006+19.62	212,528.3221	1,824,200.0970
GEOMETRIC DATA		
$\Delta = 28^{\circ}20'01.57''$ RT	LT = 163.36'	
$\Delta_c = 25^{\circ}15'19.36''$ RT	ST = 81.69'	
$D_c = 2^{\circ}30'46.70''$	$X_s = 244.93'$	
$R = 2,280.00'$	$Y_s = 4.39'$	
$\phi_s = 3^{\circ}04'42.21''$ RT	P = 1.10'	
$L_s = 245.00'$	K = 122.49'	
T = 577.84'	SE = 6.80%	
L = 1,005.00'	RUNOFF = 245.00'	
$E_s = 56.52'$	RUNOUT (IN) = 72.06'	



02/28/22

- WYOMING EAGLE, LLC PERMIT AREAS (PERMIT S501019)
- WYOMING EAGLE, LLC HIGHWALL/AUGER MINING AREA

WRA
Whitman, Requardt & Associates, LLP
300 Summers Street, Suite 610, Charleston, WV 25301

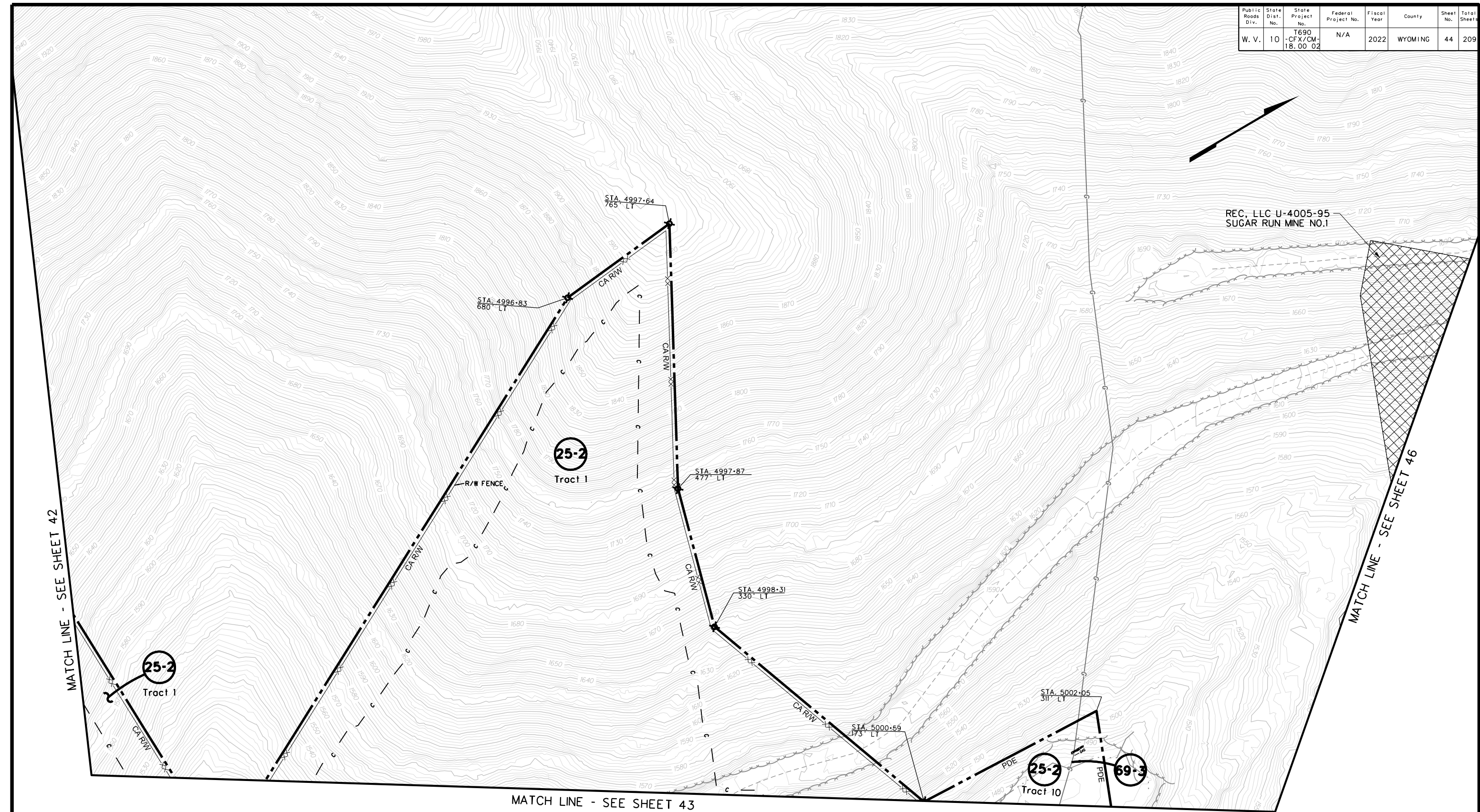
TRC
CHARLESTON, WEST VIRGINIA

SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**RIGHT OF WAY
PLAN SHEET**

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	44	209



REC. LLC U-4005-95
SUGAR RUN MINE NO.1

25-2
Tract 1

25-2
Tract 1

25-2
Tract 10

69-3

MATCH LINE - SEE SHEET 42

MATCH LINE - SEE SHEET 46

MATCH LINE - SEE SHEET 43

R/W-3 02/28/22



SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

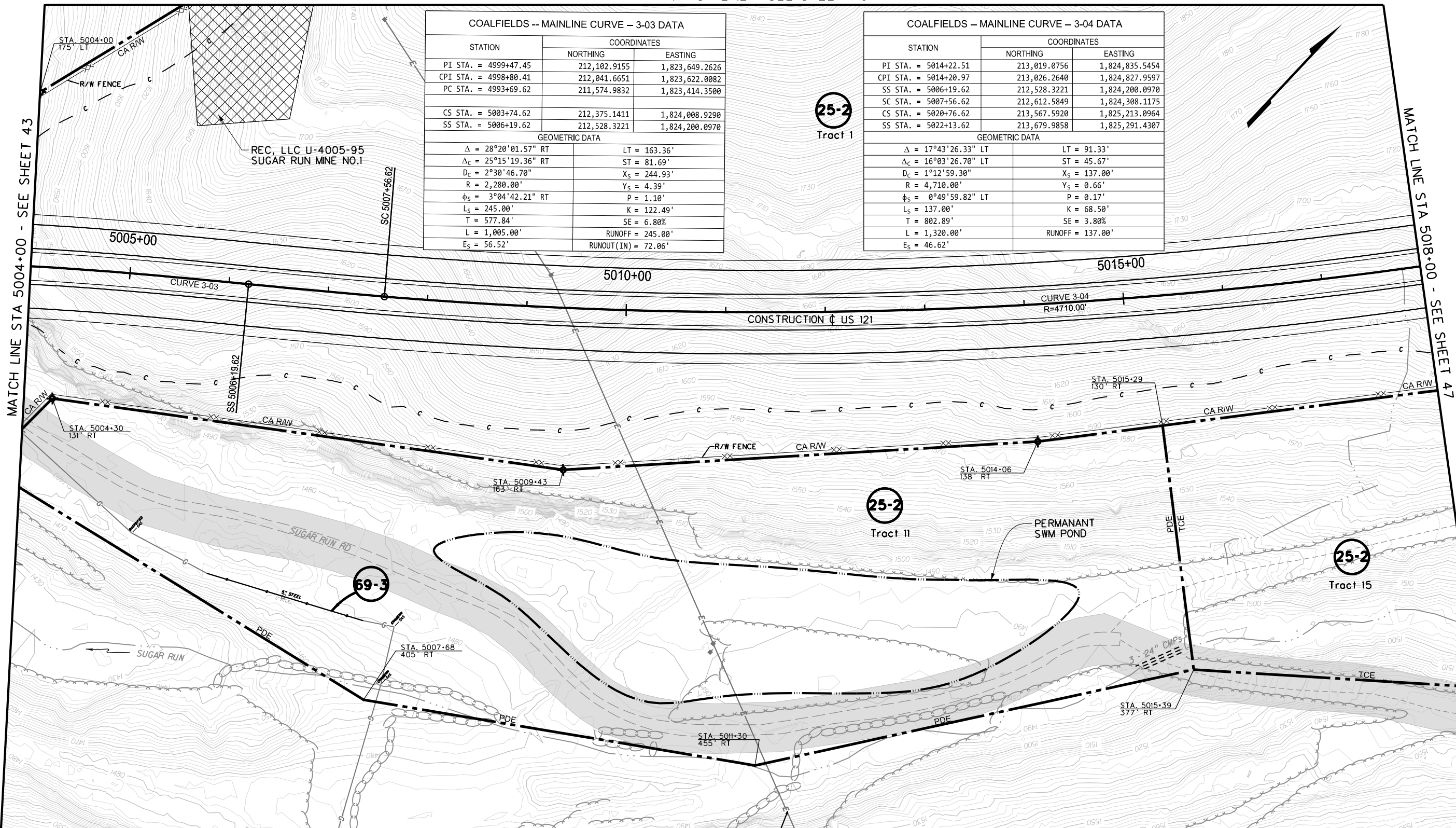
THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**RIGHT OF WAY
PLAN SHEET**

28-Apr-2022 08:58 PM

MATCH LINE - SEE SHEET 46

COALFIELDS -- MAINLINE CURVE -- 3-03 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 4999+47.45	212,102.9155	1,823,649.2626
CPI STA. = 4998+80.41	212,041.6651	1,823,622.0082
PC STA. = 4993+69.62	211,574.9832	1,823,414.3500
CS STA. = 5003+74.62	212,375.1411	1,824,008.9290
SS STA. = 5006+19.62	212,528.3221	1,824,200.0970
GEOMETRIC DATA		
$\Delta = 28^{\circ}20'01.57''$ RT	LT = 163.36'	
$\Delta_c = 25^{\circ}15'19.36''$ RT	ST = 81.69'	
$D_c = 2^{\circ}30'46.70''$	$X_s = 244.93'$	
$R = 2,280.00'$	$Y_s = 4.39'$	
$\phi_s = 3^{\circ}04'42.21''$ RT	$P = 1.10'$	
$L_s = 245.00'$	$K = 122.49'$	
$T = 577.84'$	$SE = 6.80\%$	
$L = 1,005.00'$	$RUNOFF = 245.00'$	
$E_s = 56.52'$	$RUNOUT (IN) = 72.06'$	

COALFIELDS -- MAINLINE CURVE -- 3-04 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5014+22.51	213,019.0756	1,824,835.5454
CPI STA. = 5014+20.97	213,026.2640	1,824,827.9597
SS STA. = 5006+19.62	212,528.3221	1,824,200.0970
SC STA. = 5007+56.62	212,612.5849	1,824,308.1175
CS STA. = 5020+76.62	213,567.5920	1,825,213.0964
SS STA. = 5022+13.62	213,679.9858	1,825,291.4307
GEOMETRIC DATA		
$\Delta = 17^{\circ}43'26.33''$ LT	LT = 91.33'	
$\Delta_c = 16^{\circ}03'26.70''$ LT	ST = 45.67'	
$D_c = 1^{\circ}12'59.30''$	$X_s = 137.00'$	
$R = 4,710.00'$	$Y_s = 0.66'$	
$\phi_s = 0^{\circ}49'59.82''$ LT	$P = 0.17'$	
$L_s = 137.00'$	$K = 68.50'$	
$T = 802.89'$	$SE = 3.80\%$	
$L = 1,320.00'$	$RUNOFF = 137.00'$	
$E_s = 46.62'$		



WYOMING EAGLE, LLC PERMIT AREAS (PERMIT S501019)
 WYOMING EAGLE, LLC HIGHWALL/AUGER MINING AREA

Whlman, Requardt & Associates, LLP
 300 Summers Street, Suite 610, Charleston, WV 25301
 CHARLESTON, WEST VIRGINIA

SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
**RIGHT OF WAY
 PLAN SHEET**

R/W-3 02/28/22

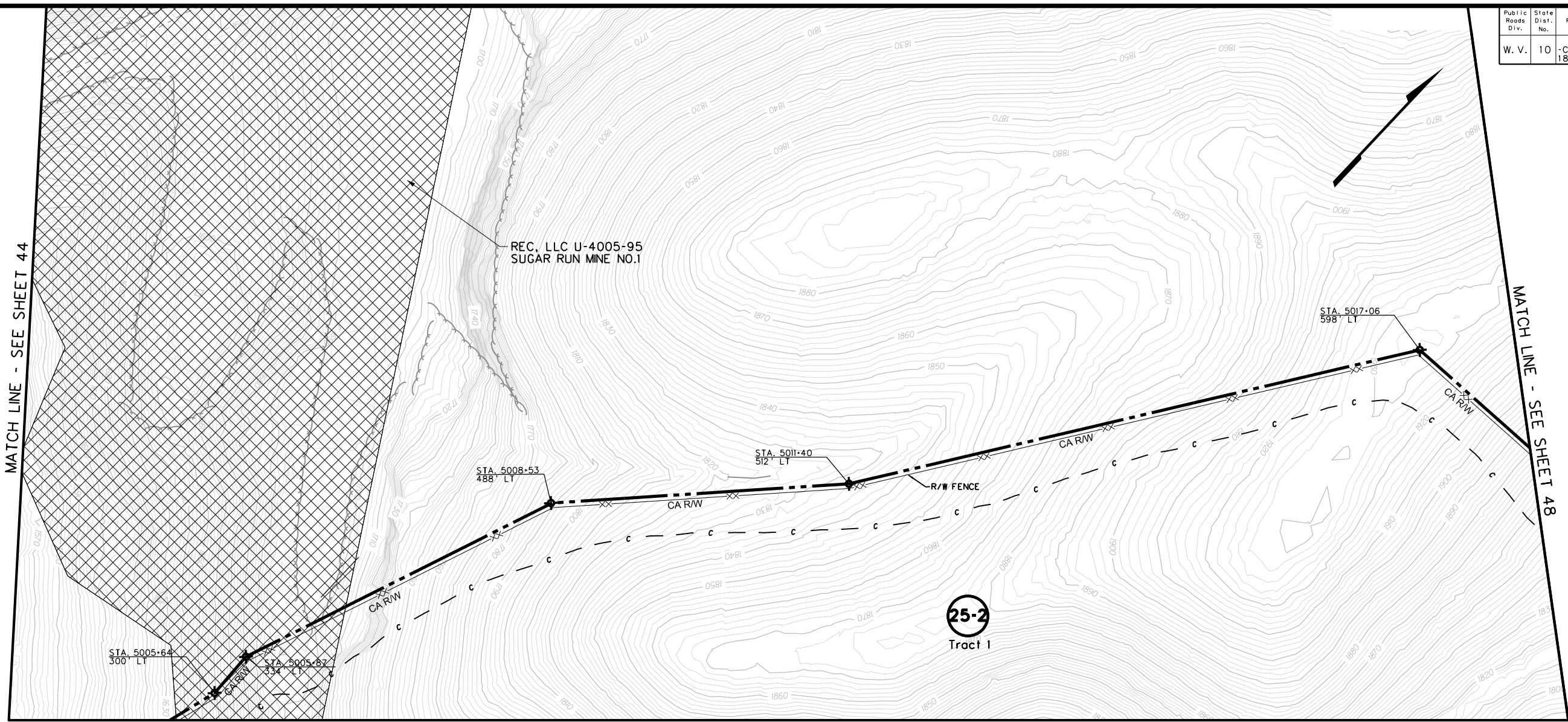
28-Apr-2022 08:58 PM

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	46	209

MATCH LINE - SEE SHEET 44

MATCH LINE - SEE SHEET 48

MATCH LINE - SEE SHEET 45



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⊙
⊙
⊙

R/W-3 02/28/22



SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

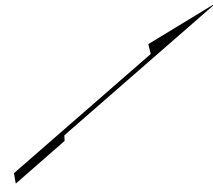
THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**RIGHT OF WAY
PLAN SHEET**

28-Apr-2022 09:58 PM

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	47	209

COALFIELDS -- MAINLINE CURVE -- 3-04 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5014+22.51	213,019.0756	1,824,835.5454
CPI STA. = 5014+20.97	213,026.2640	1,824,827.9597
SS STA. = 5006+19.62	212,528.3221	1,824,200.0970
SC STA. = 5007+56.62	212,612.5849	1,824,308.1175
CS STA. = 5020+76.62	213,567.5920	1,825,213.0964
SS STA. = 5022+13.62	213,679.9858	1,825,291.4307
GEOMETRIC DATA		
$\Delta = 17^{\circ}43'26.33''$ LT	LT = 91.33'	
$\Delta_c = 16^{\circ}03'26.70''$ LT	ST = 45.67'	
$D_c = 1^{\circ}12'59.30''$	$X_s = 137.00'$	
$R = 4,710.00'$	$Y_s = 0.66'$	
$\phi_s = 0^{\circ}49'59.82''$ LT	$P = 0.17'$	
$L_s = 137.00'$	$K = 68.50'$	
$T = 802.89'$	$SE = 3.80\%$	
$L = 1,320.00'$	$RUNOFF = 137.00'$	
$E_s = 46.62'$		

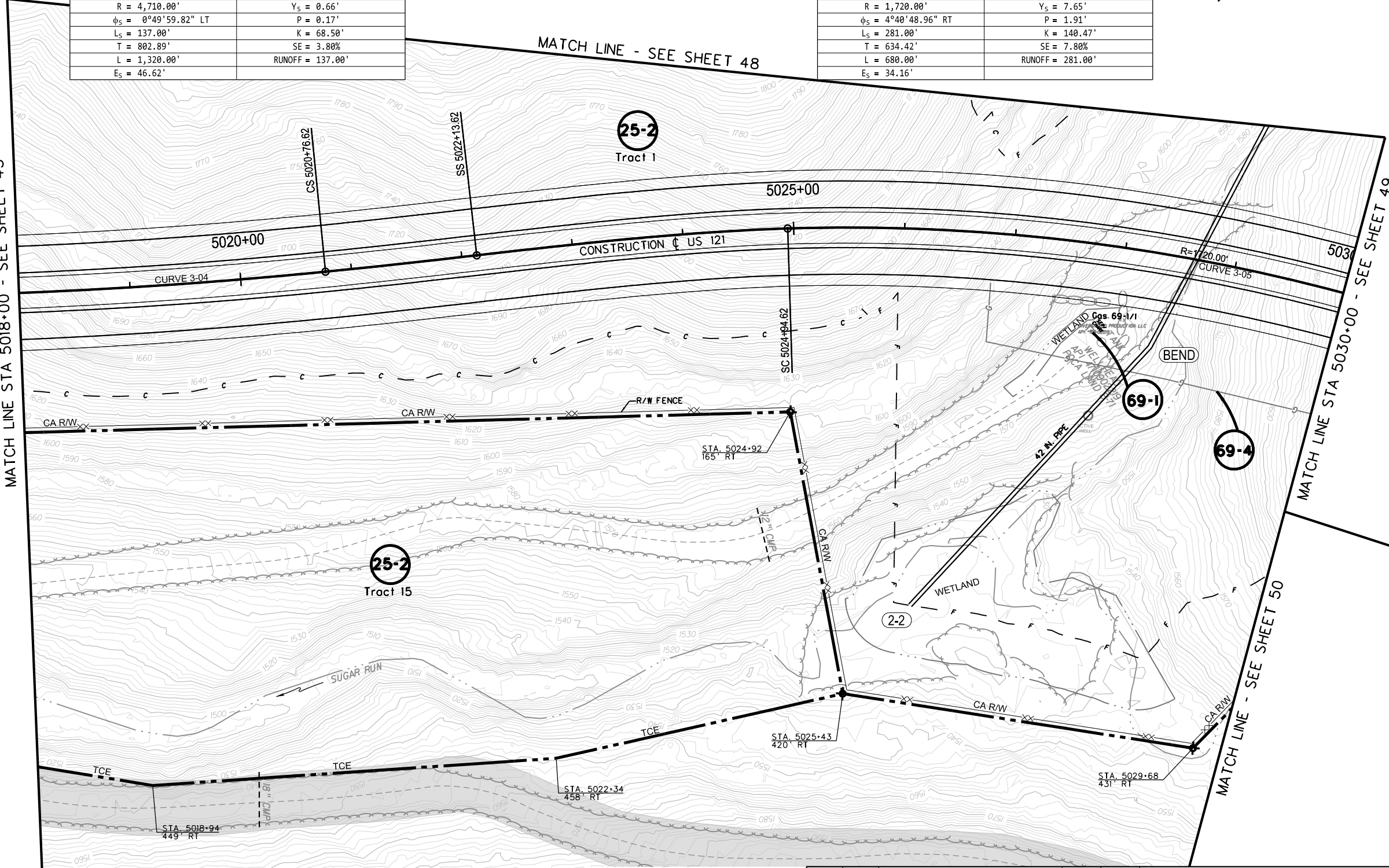
COALFIELDS -- MAINLINE CURVE -- 3-05 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5028+48.04	214,202.2171	1,825,651.6575
CPI STA. = 5028+39.12	214,173.4705	1,825,675.2673
SS STA. = 5022+13.62	213,679.9858	1,825,291.4307
SC STA. = 5024+94.62	213,906.7980	1,825,457.1727
CS STA. = 5031+74.62	214,335.5778	1,825,979.2421
SS STA. = 5034+55.62	214,454.0776	1,826,233.9418
GEOMETRIC DATA		
$\Delta = 32^{\circ}00'44.46''$ RT	LT = 187.40'	
$\Delta_c = 22^{\circ}39'06.55''$ RT	ST = 93.73'	
$D_c = 3^{\circ}19'52.14''$	$X_s = 280.81'$	
$R = 1,720.00'$	$Y_s = 7.65'$	
$\phi_s = 4^{\circ}40'48.96''$ RT	$P = 1.91'$	
$L_s = 281.00'$	$K = 140.47'$	
$T = 634.42'$	$SE = 7.80\%$	
$L = 680.00'$	$RUNOFF = 281.00'$	
$E_s = 34.16'$		



MATCH LINE STA 5018+00 - SEE SHEET 45

MATCH LINE - SEE SHEET 48

MATCH LINE STA 5030+00 - SEE SHEET 49



02/28/22

- WYOMING EAGLE, LLC PERMIT AREAS (PERMIT S501019)
- WYOMING EAGLE, LLC HIGHWALL/AUGER MINING AREA

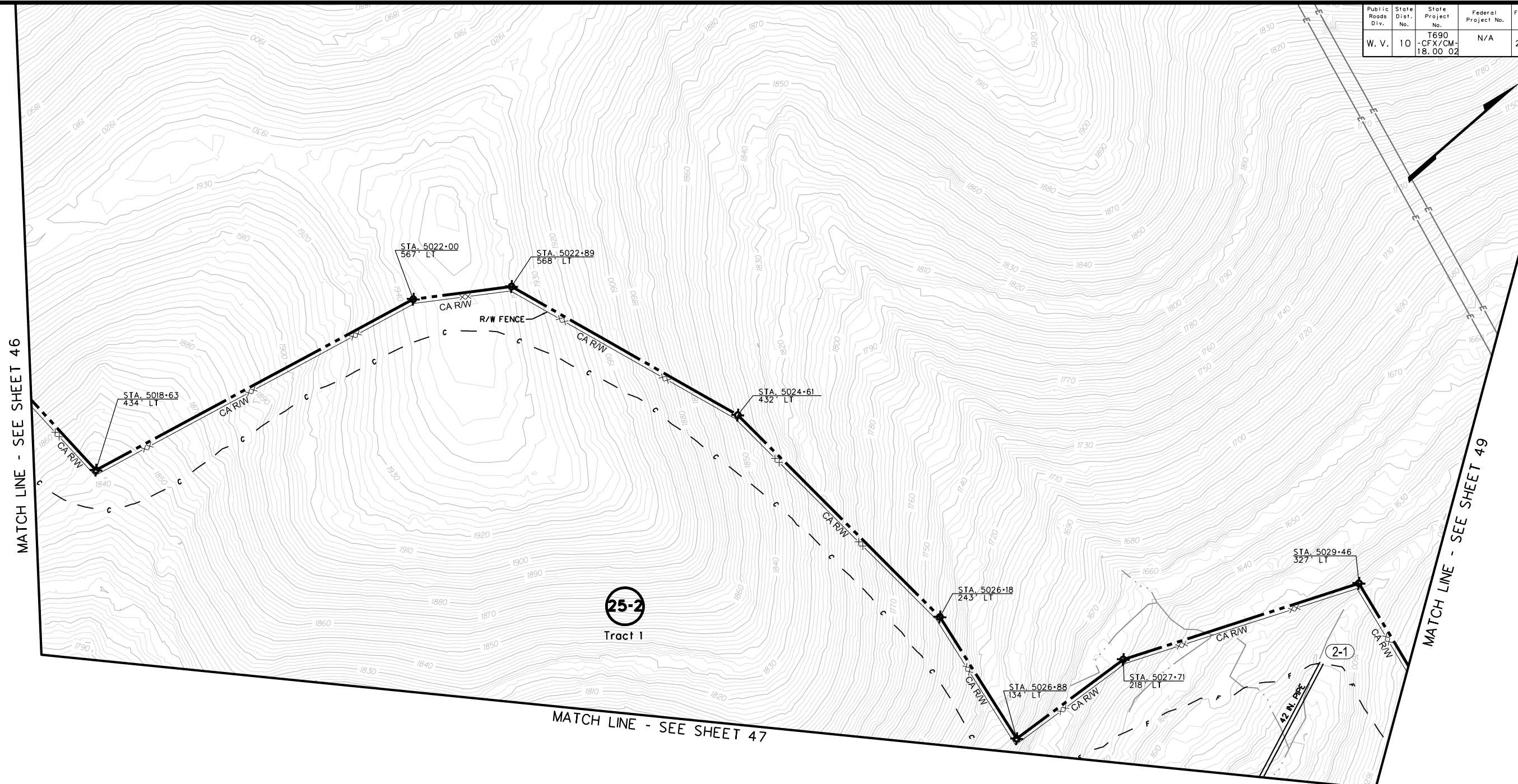
WRA **TRC**
 Whittman, Reardon & Associates, LLP
 300 Summers Street, Suite 610, Charleston, WV 25301
 CHARLESTON, WEST VIRGINIA

SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
**RIGHT OF WAY
 PLAN SHEET**

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	48	209



MATCH LINE - SEE SHEET 46

MATCH LINE - SEE SHEET 49

MATCH LINE - SEE SHEET 47

25-2
Tract 1

R/W-3 02/28/22



SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**RIGHT OF WAY
PLAN SHEET**

28-MAY-2022 09:58 PM

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00.02	N/A	2022	WYOMING	49	209

COALFIELDS -- MAINLINE CURVE -- 3-05 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5028+48.04	214,202.2171	1,825,651.6575
CPI STA. = 5028+39.12	214,173.4705	1,825,675.2673
SS STA. = 5022+13.62	213,679.9858	1,825,291.4307
SC STA. = 5024+94.62	213,906.7980	1,825,457.1727
CS STA. = 5031+74.62	214,335.5778	1,825,979.2421
SS STA. = 5034+55.62	214,454.0776	1,826,233.9418
GEOMETRIC DATA		
$\Delta = 32^{\circ}00'44.46"$ RT	LT = 187.40'	
$\Delta_c = 22^{\circ}39'06.55"$ RT	ST = 93.73'	
$D_c = 3^{\circ}19'52.14"$	$X_s = 280.81'$	
R = 1,720.00'	$Y_s = 7.65'$	
$\phi_s = 4^{\circ}40'48.96"$ RT	P = 1.91'	
$L_s = 281.00'$	K = 140.47'	
T = 634.42'	SE = 7.80%	
L = 680.00'	RUNOFF = 281.00'	
$E_s = 34.16'$		

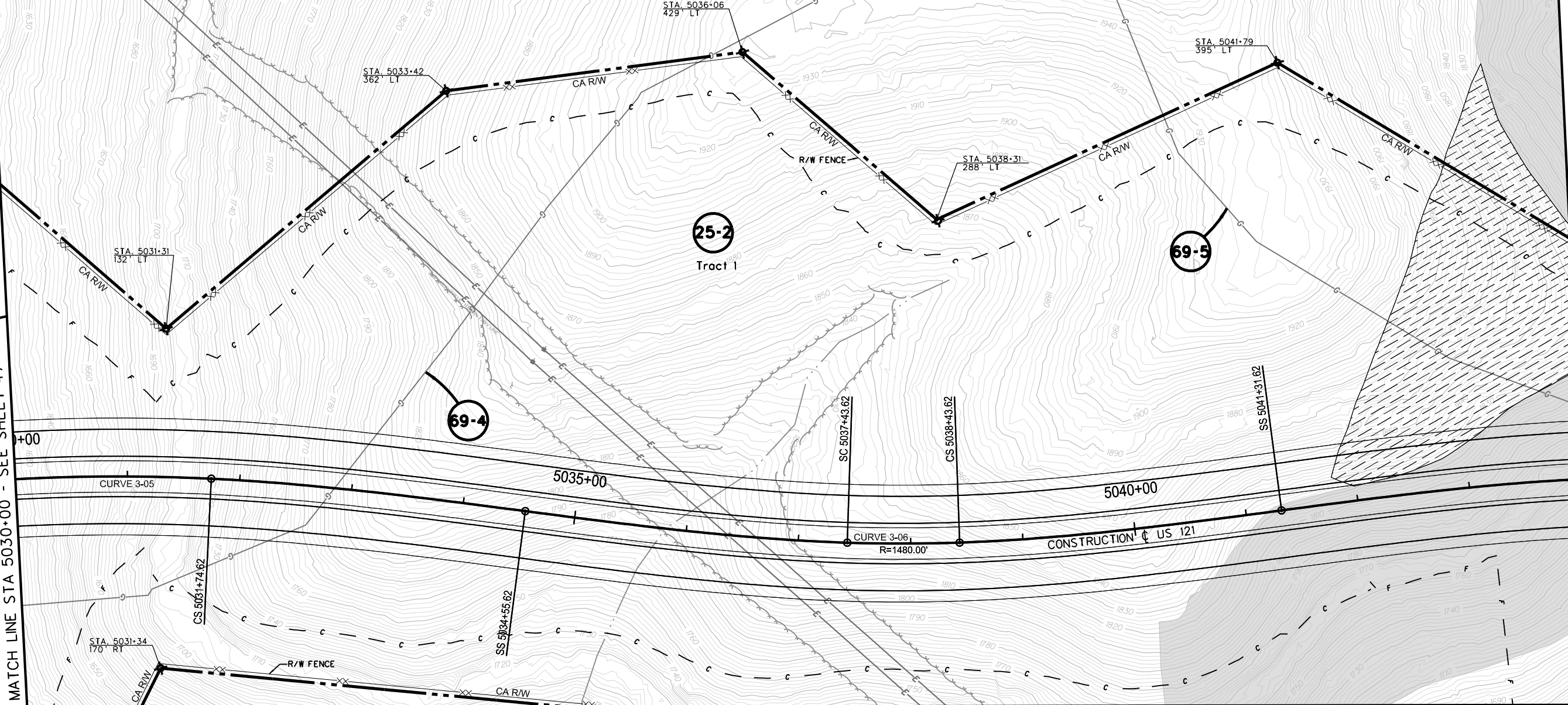
COALFIELDS -- MAINLINE CURVE -- 3-06 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5037+95.00	214,588.8097	1,826,545.4331
CPI STA. = 5037+93.64	214,601.0937	1,826,538.0811
SS STA. = 5034+55.62	214,454.0776	1,826,233.9418
SC STA. = 5037+43.62	214,576.8707	1,826,494.3187
CS STA. = 5038+43.62	214,628.2162	1,826,580.1082
SS STA. = 5041+31.62	214,799.6672	1,826,811.3629
GEOMETRIC DATA		
$\Delta = 15^{\circ}01'14.83"$ LT	LT = 192.10'	
$\Delta_c = 3^{\circ}52'16.81"$ LT	ST = 96.09'	
$D_c = 3^{\circ}52'16.81"$	$X_s = 287.73'$	
R = 1,480.00'	$Y_s = 9.33'$	
$\phi_s = 5^{\circ}34'29.01"$ LT	P = 2.33'	
$L_s = 288.00'$	K = 143.95'	
T = 339.38'	SE = 8.00%	
L = 100.00'	RUNOFF = 288.00'	
$E_s = 0.84'$		

MATCH LINE STA 5030+00 - SEE SHEET 48

MATCH LINE STA 5030+00 - SEE SHEET 47

MATCH LINE STA 5044+00 - SEE SHEET 51

MATCH LINE - SEE SHEET 50



02/28/22

WYOMING EAGLE, LLC PERMIT AREAS (PERMIT S501019)
 WYOMING EAGLE, LLC HIGHWALL/AUGER MINING AREA

Whittman, Reardon & Associates, LLP
 300 Summers Street, Suite 610, Charleston, WV 25301
 CHARLESTON, WEST VIRGINIA

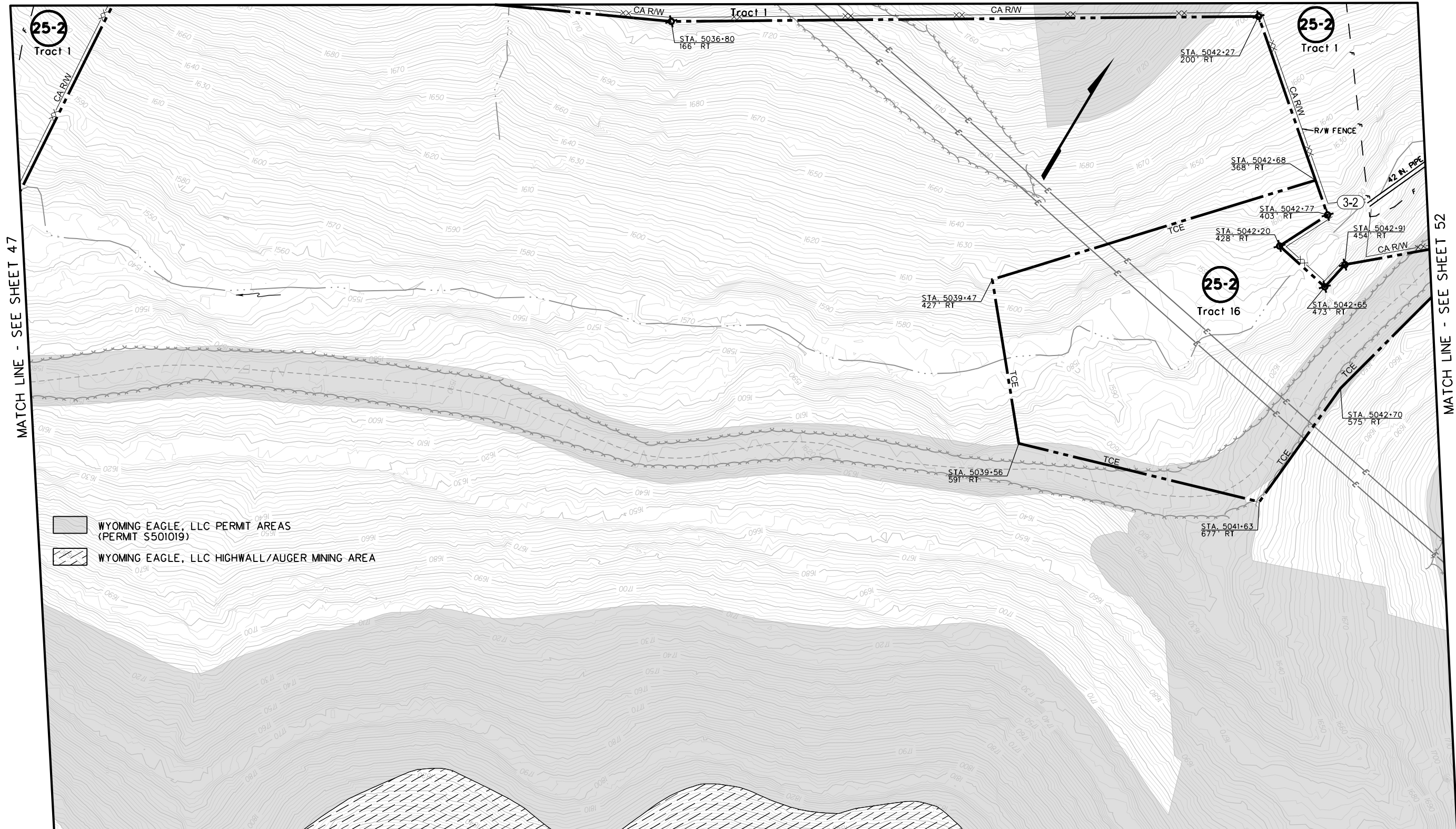
SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
RIGHT OF WAY PLAN SHEET

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	50	209

MATCH LINE - SEE SHEET 49





-  WYOMING EAGLE, LLC PERMIT AREAS (PERMIT S501019)
-  WYOMING EAGLE, LLC HIGHWALL/AUGER MINING AREA

MATCH LINE - SEE SHEET 47

MATCH LINE - SEE SHEET 52

R/W-3 02/28/22

 	<p>Whitman, Reardon & Associates, LLP 300 Summers Street, Suite 610, Charleston, WV 25301</p> <p>CHARLESTON, WEST VIRGINIA</p>	<p>SCALE : 0 50 ft.</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>REVISION NUMBER</th> <th>SHEET NUMBER</th> <th>REVISION</th> <th>DATE</th> <th>BY</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>	REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY						<p>THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS RIGHT OF WAY PLAN SHEET</p>
REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY										

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Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	51	209

COALFIELDS -- MAINLINE CURVE -- 3-07 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5048+40.63	215,240.1754	1,827,366.9240
CPI STA. = 5048+24.27	215,190.5388	1,827,382.6169
SS STA. = 5041+31.62	214,799.6672	1,826,811.3629
SC STA. = 5044+19.62	214,971.1183	1,827,042.6177
CS STA. = 5052+09.62	215,206.4456	1,827,786.9580
SS STA. = 5054+97.62	215,199.0918	1,828,074.7429
GEOMETRIC DATA		
$\Delta = 41^{\circ}43'58.83''$ RT	LT = 192.10'	
$\Delta_c = 30^{\circ}35'00.81''$ RT	ST = 96.09'	
$D_c = 3^{\circ}52'16.81''$	$X_s = 287.73'$	
$R = 1,480.00'$	$Y_s = 9.33'$	
$\phi_s = 5^{\circ}34'29.01''$ RT	$P = 2.33'$	
$L_s = 288.00'$	$K = 143.95'$	
$T = 709.01'$	$SE = 8.00\%$	
$L = 790.00'$	$RUNOFF = 288.00'$	
$E_s = 54.32'$		



WYOMING EAGLE, LLC PERMIT AREAS (PERMIT S501019)
 WYOMING EAGLE, LLC HIGHWALL/AUGER MINING AREA

Whlman, Requardt & Associates, LLP CHARLESTON, WEST VIRGINIA
300 Summers Street, Suite 610, Charleston, WV 25301

SCALE : 0 50 ft.

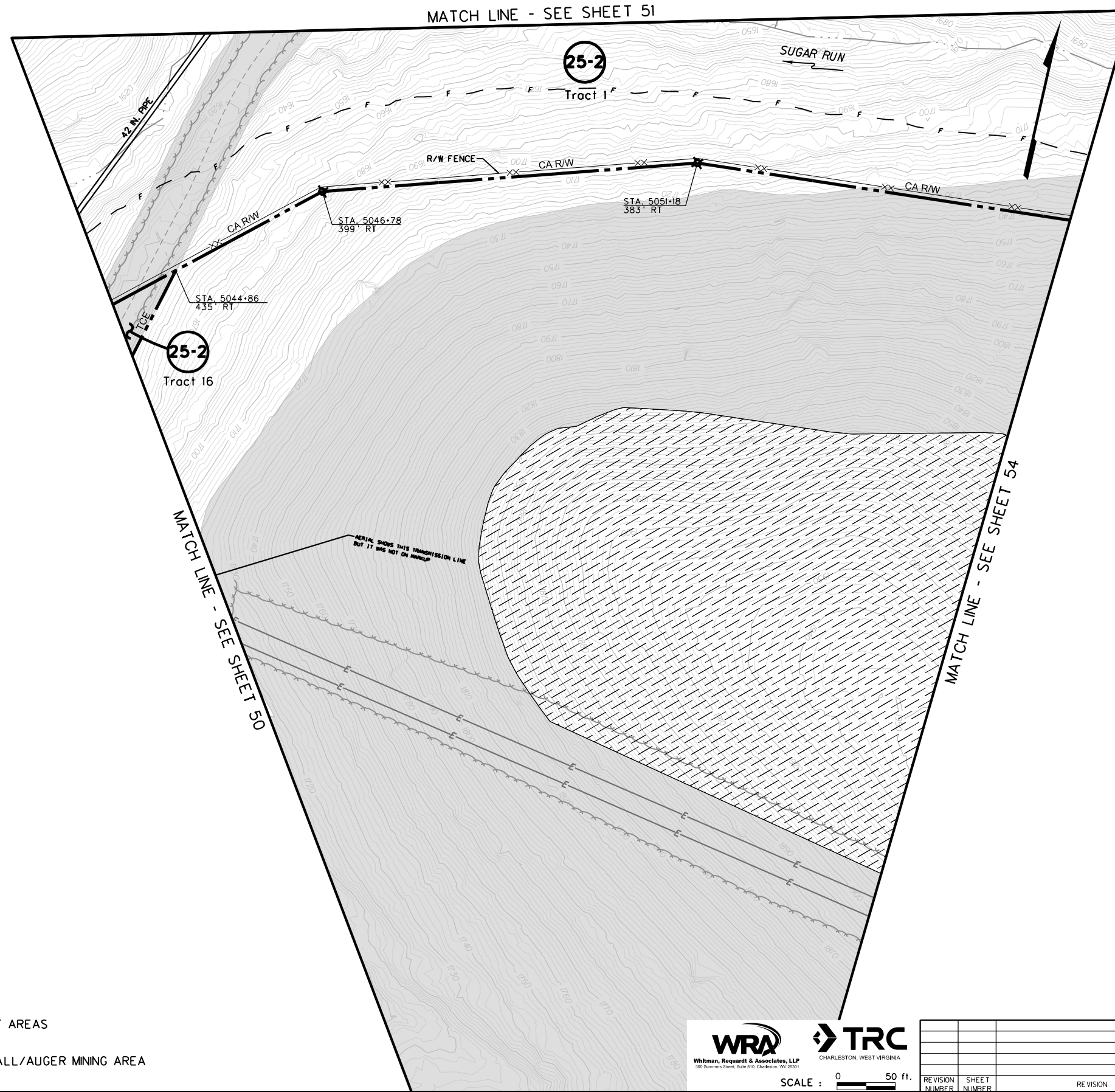
REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
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Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
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WYOMING EAGLE, LLC PERMIT AREAS (PERMIT S501019)
 WYOMING EAGLE, LLC HIGHWALL/AUGER MINING AREA



 Whlman, Requardt & Associates, LLP
 300 Summers Street, Suite 610, Charleston, WV 25301
 CHARLESTON, WEST VIRGINIA
 SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
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COALFIELDS -- MAINLINE CURVE -- 3-08 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5059+75.30	215,171.4126	1,828,551.6214
CPI STA. = 5059+72.89	215,189.3002	1,828,549.7926
SS STA. = 5054+97.62	215,199.0918	1,828,074.7429
SC STA. = 5057+49.62	215,189.3403	1,828,326.5168
CS STA. = 5061+94.62	215,234.5221	1,828,768.4409
SS STA. = 5064+46.62	215,295.0215	1,829,013.0323
GEOMETRIC DATA		
$\Delta = 18^{\circ}19'07.97''$ LT	LT = 168.03'	
$\Delta_c = 11^{\circ}41'44.51''$ LT	ST = 84.03'	
$D_c = 2^{\circ}37'41.69''$	$X_s = 251.92'$	
$R = 2,180.00'$	$Y_s = 4.85'$	
$\phi_s = 3^{\circ}18'41.73''$ LT	$P = 1.21'$	
$L_s = 252.00'$	$K = 125.99'$	
$T = 477.68'$	$SE = 7.00\%$	
$L = 445.00'$	$RUNOFF = 252.00'$	
$E_s = 11.40'$		

COALFIELDS -- MAINLINE CURVE -- 3-09 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5071+27.13	215,471.1170	1,829,670.3668
CPI STA. = 5071+12.52	215,422.3269	1,829,666.1826
SS STA. = 5064+46.62	215,295.0215	1,829,013.0323
SC STA. = 5067+34.62	215,360.4600	1,829,293.3750
CS STA. = 5074+74.62	215,297.8868	1,830,023.0125
SS STA. = 5077+62.62	215,185.6708	1,830,288.1197
GEOMETRIC DATA		
$\Delta = 39^{\circ}47'50.42''$ RT	LT = 192.10'	
$\Delta_c = 28^{\circ}38'52.40''$ RT	ST = 96.09'	
$D_c = 3^{\circ}52'16.81''$	$X_s = 287.73'$	
$R = 1,480.00'$	$Y_s = 9.33'$	
$\phi_s = 5^{\circ}34'29.01''$ RT	$P = 2.33'$	
$L_s = 288.00'$	$K = 143.95'$	
$T = 680.51'$	$SE = 8.00\%$	
$L = 740.00'$	$RUNOFF = 288.00'$	
$E_s = 47.49'$		

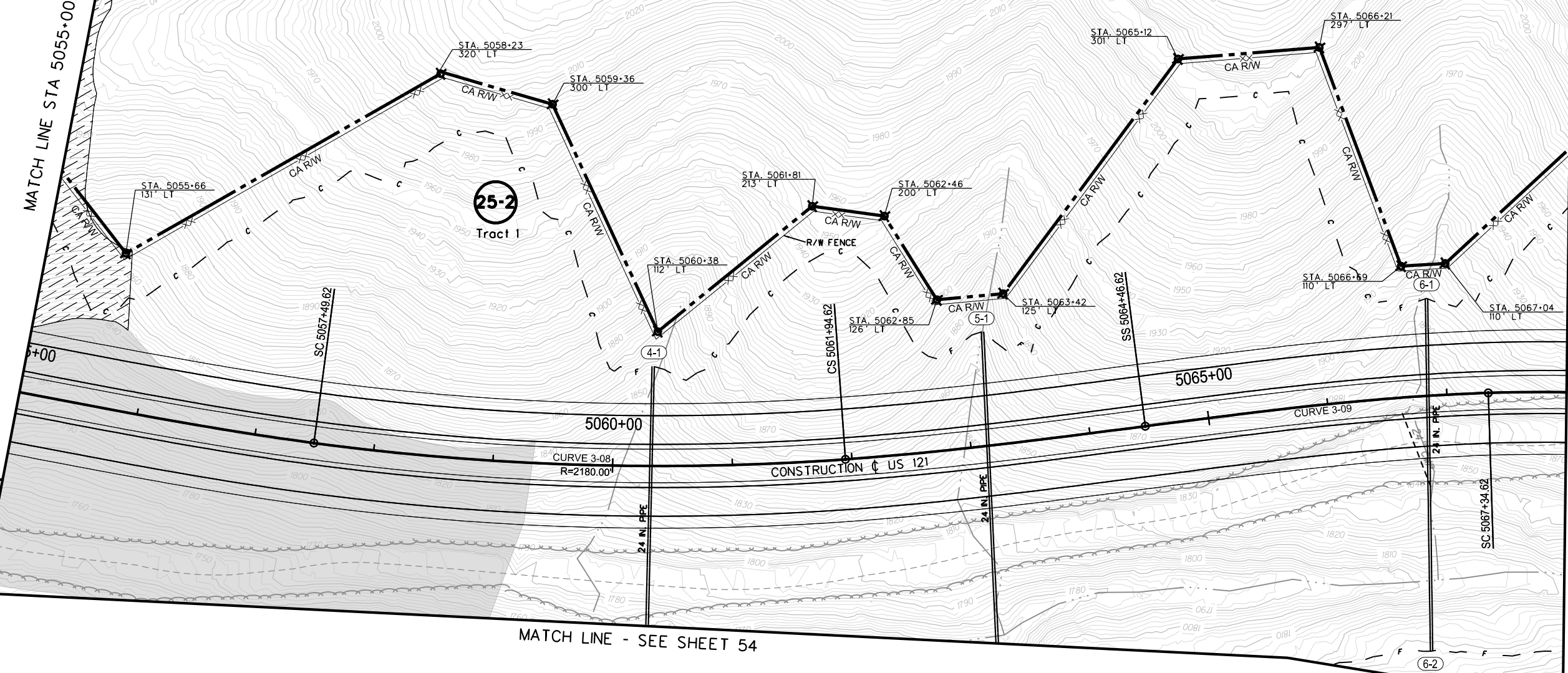
MATCH LINE STA 5055+00 - SEE SHEET 51

MATCH LINE - SEE SHEET 56

MATCH LINE STA 5068+00 - SEE SHEET 55

MATCH LINE - SEE SHEET 52

MATCH LINE - SEE SHEET 54



WYOMING EAGLE, LLC PERMIT AREAS (PERMIT S501019)
 WYOMING EAGLE, LLC HIGHWALL/AUGER MINING AREA

Whittman, Reardon & Associates, LLP
 300 Summers Street, Suite 610, Charleston, WV 25301
 CHARLESTON, WEST VIRGINIA

SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
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- WYOMING EAGLE, LLC PERMIT AREAS (PERMIT S501019)
- WYOMING EAGLE, LLC HIGHWALL/AUGER MINING AREA



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SCALE : 0 50 ft.

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THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
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MATCH LINE - SEE SHEET 55

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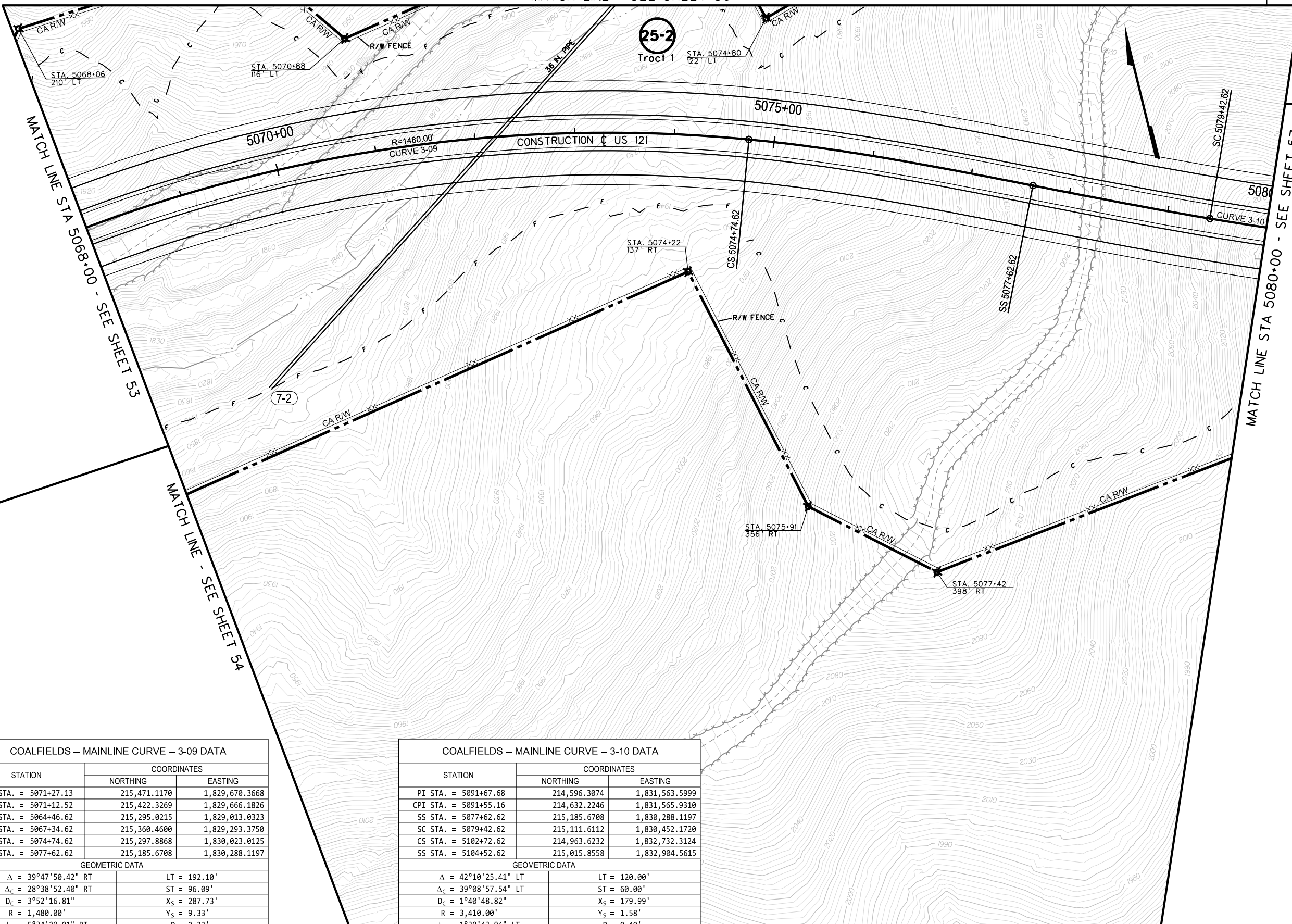
MATCH LINE - SEE SHEET 56

MATCH LINE - SEE SHEET 58

MATCH LINE STA 5080+00 - SEE SHEET 57

MATCH LINE STA 5068+00 - SEE SHEET 53

MATCH LINE - SEE SHEET 54



COALFIELDS -- MAINLINE CURVE -- 3-09 DATA

STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5071+27.13	215,471.1170	1,829,670.3668
CPI STA. = 5071+12.52	215,422.3269	1,829,666.1826
SS STA. = 5064+46.62	215,295.0215	1,829,013.0323
SC STA. = 5067+34.62	215,360.4600	1,829,293.3750
CS STA. = 5074+74.62	215,297.8868	1,830,023.0125
SS STA. = 5077+62.62	215,185.6708	1,830,288.1197

GEOMETRIC DATA	
$\Delta = 39^\circ 47' 50.42''$ RT	LT = 192.10'
$\Delta_c = 28^\circ 38' 52.40''$ RT	ST = 96.09'
$D_c = 3^\circ 52' 16.81''$	$X_s = 287.73'$
R = 1,480.00'	$Y_s = 9.33'$
$\phi_s = 5^\circ 34' 29.01''$ RT	P = 2.33'
$L_s = 288.00'$	K = 143.95'
T = 680.51'	SE = 8.00%
L = 740.00'	RUNOFF = 288.00'
$E_s = 47.49'$	

COALFIELDS -- MAINLINE CURVE -- 3-10 DATA

STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5091+67.68	214,596.3074	1,831,563.5999
CPI STA. = 5091+55.16	214,632.2246	1,831,565.9310
SS STA. = 5077+62.62	215,185.6708	1,830,288.1197
SC STA. = 5079+42.62	215,111.6112	1,830,452.1720
CS STA. = 5102+72.62	214,963.6232	1,832,732.3124
SS STA. = 5104+52.62	215,015.8558	1,832,904.5615

GEOMETRIC DATA	
$\Delta = 42^\circ 10' 25.41''$ LT	LT = 120.00'
$\Delta_c = 39^\circ 08' 57.54''$ LT	ST = 60.00'
$D_c = 1^\circ 40' 48.82''$	$X_s = 179.99'$
R = 3,410.00'	$Y_s = 1.58'$
$\phi_s = 1^\circ 30' 43.94''$ LT	P = 0.40'
$L_s = 180.00'$	K = 90.00'
T = 1,405.06'	SE = 5.00%
L = 2,330.00'	RUNOFF = 180.00'
$E_s = 209.17'$	



SCALE : 0 50 ft.

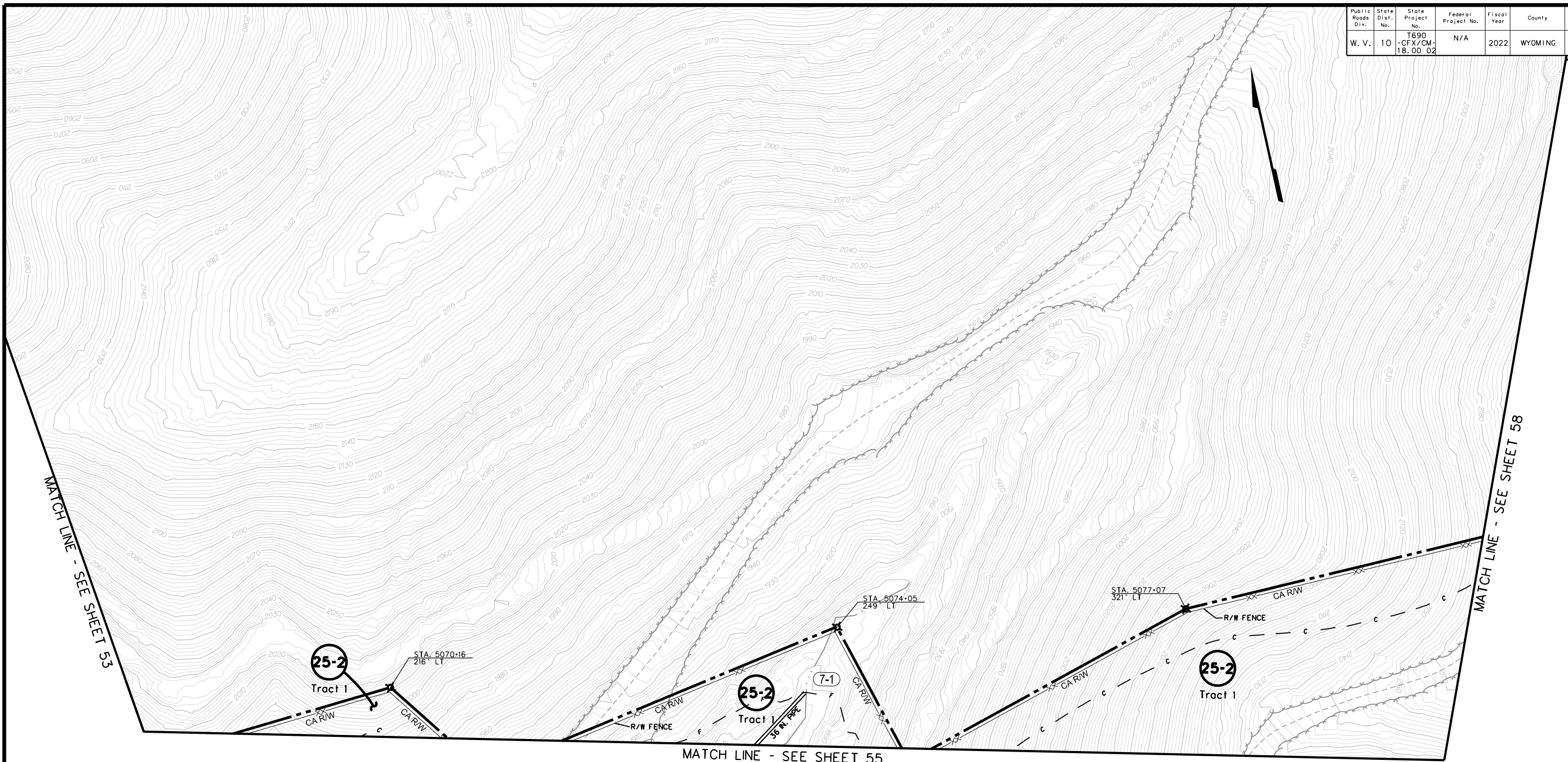
REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

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DIVISION OF HIGHWAYS
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MATCH LINE - SEE SHEET 53

MATCH LINE - SEE SHEET 58

MATCH LINE - SEE SHEET 55

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SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

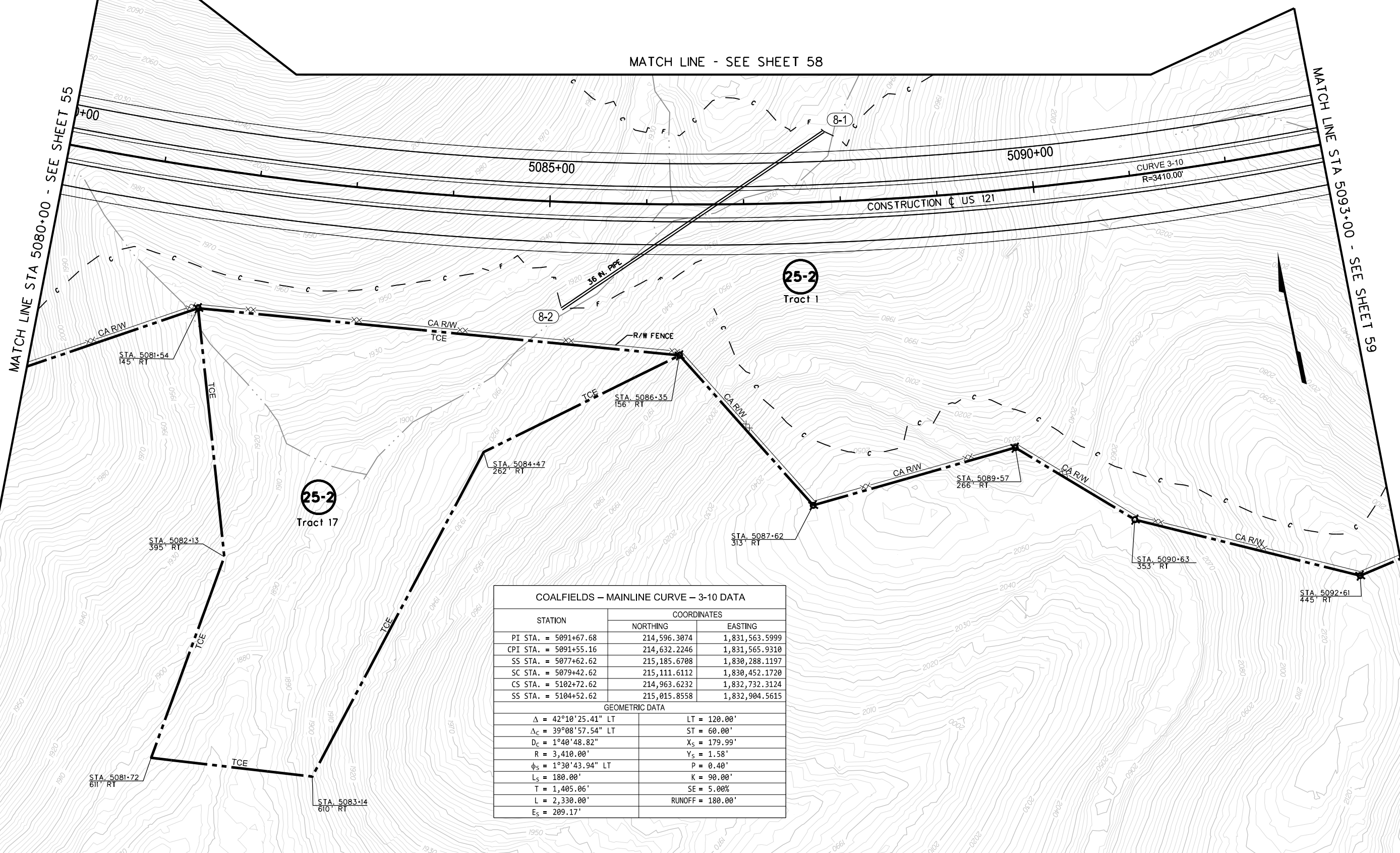
THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**RIGHT OF WAY
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MATCH LINE - SEE SHEET 58

MATCH LINE STA 5080+00 - SEE SHEET 55

MATCH LINE STA 5093+00 - SEE SHEET 59



COALFIELDS - MAINLINE CURVE - 3-10 DATA

STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5091+67.68	214,596.3074	1,831,563.5999
CPI STA. = 5091+55.16	214,632.2246	1,831,565.9310
SS STA. = 5077+62.62	215,185.6708	1,830,288.1197
SC STA. = 5079+42.62	215,111.6112	1,830,452.1720
CS STA. = 5102+72.62	214,963.6232	1,832,732.3124
SS STA. = 5104+52.62	215,015.8558	1,832,904.5615

GEOMETRIC DATA		
$\Delta = 42^{\circ}10'25.41"$ LT	LT = 120.00'	
$\Delta_C = 39^{\circ}08'57.54"$ LT	ST = 60.00'	
$D_C = 1^{\circ}40'48.82"$	$X_S = 179.99'$	
$R = 3,410.00'$	$Y_S = 1.58'$	
$\phi_S = 1^{\circ}30'43.94"$ LT	$P = 0.40'$	
$L_S = 180.00'$	$K = 90.00'$	
$T = 1,405.06'$	$SE = 5.00\%$	
$L = 2,330.00'$	$RUNOFF = 180.00'$	
$E_S = 209.17'$		

R/W-3 02/28/22

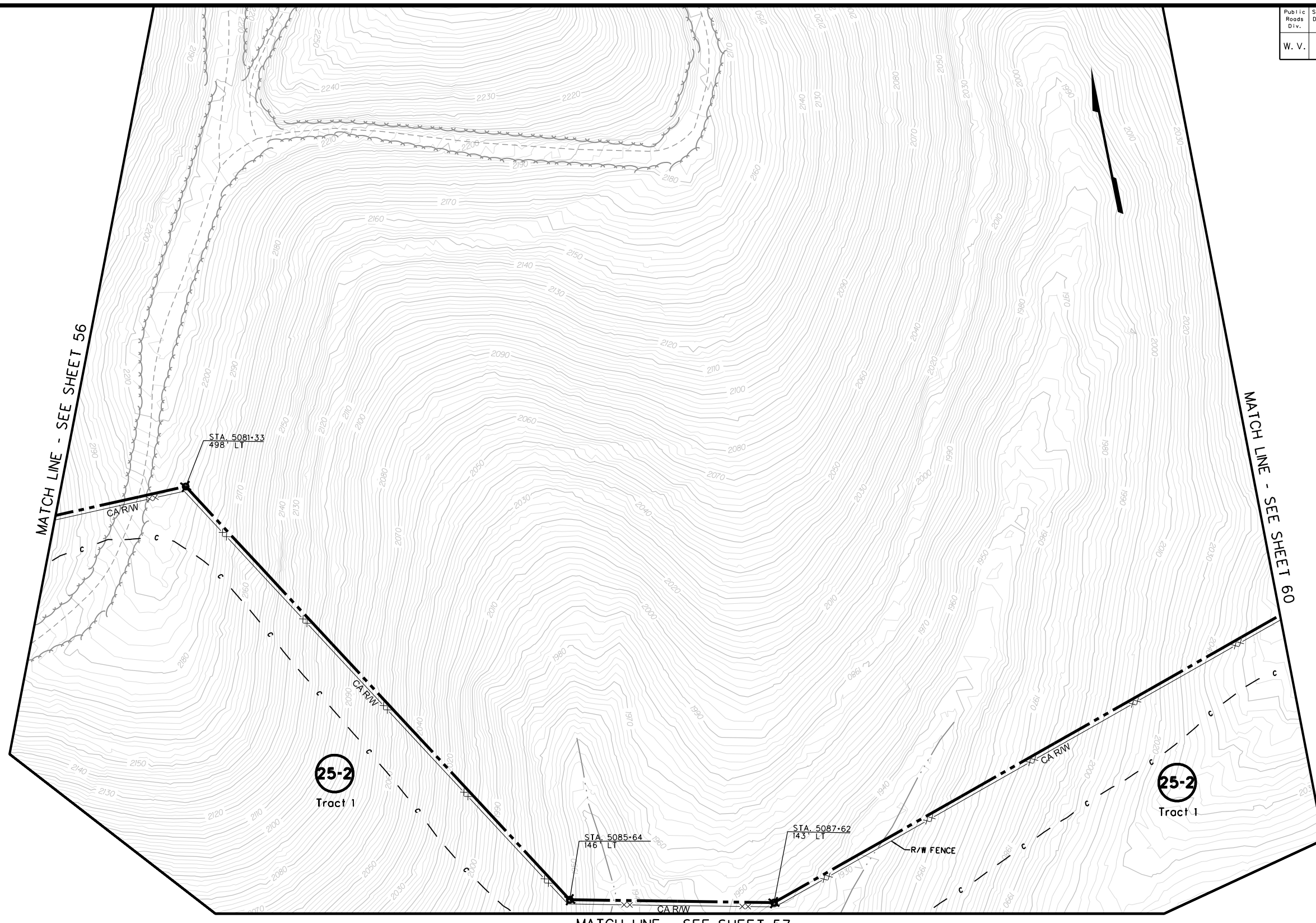


SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

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SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

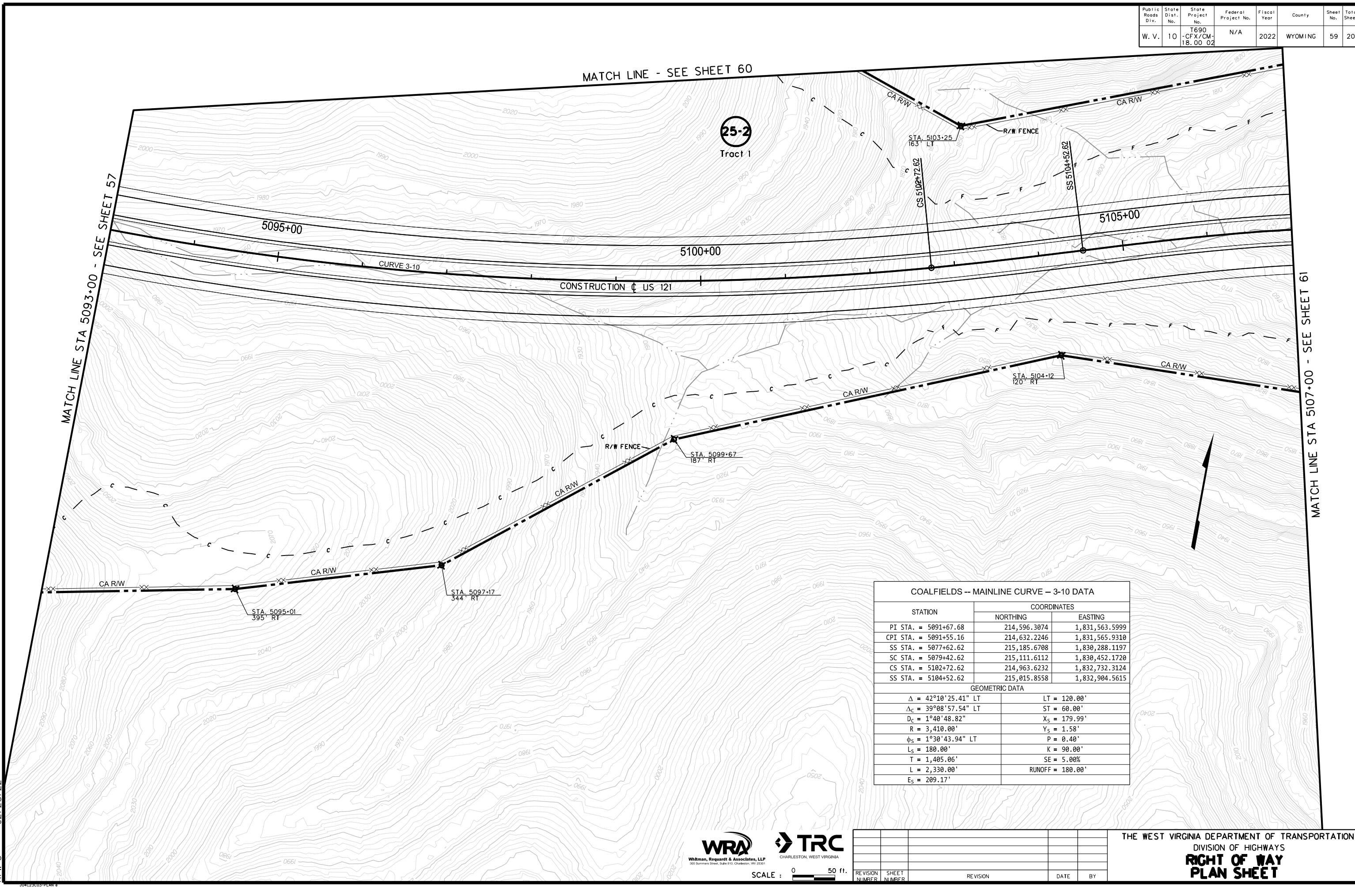
THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
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MATCH LINE - SEE SHEET 60

25-2
Tract 1

MATCH LINE STA 5093+00 - SEE SHEET 57

MATCH LINE STA 5107+00 - SEE SHEET 61



COALFIELDS -- MAINLINE CURVE - 3-10 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5091+67.68	214,596.3074	1,831,563.5999
CPI STA. = 5091+55.16	214,632.2246	1,831,565.9310
SS STA. = 5077+62.62	215,185.6708	1,830,288.1197
SC STA. = 5079+42.62	215,111.6112	1,830,452.1720
CS STA. = 5102+72.62	214,963.6232	1,832,732.3124
SS STA. = 5104+52.62	215,015.8558	1,832,904.5615
GEOMETRIC DATA		
$\Delta = 42^{\circ}10'25.41''$ LT	LT = 120.00'	
$\Delta_c = 39^{\circ}08'57.54''$ LT	ST = 60.00'	
$D_c = 1^{\circ}40'48.82''$	$X_s = 179.99'$	
R = 3,410.00'	$Y_s = 1.58'$	
$\phi_s = 1^{\circ}30'43.94''$ LT	P = 0.40'	
$L_s = 180.00'$	K = 90.00'	
T = 1,405.06'	SE = 5.00%	
L = 2,330.00'	RUNOFF = 180.00'	
$E_s = 209.17'$		

R/W-3 02/28/22

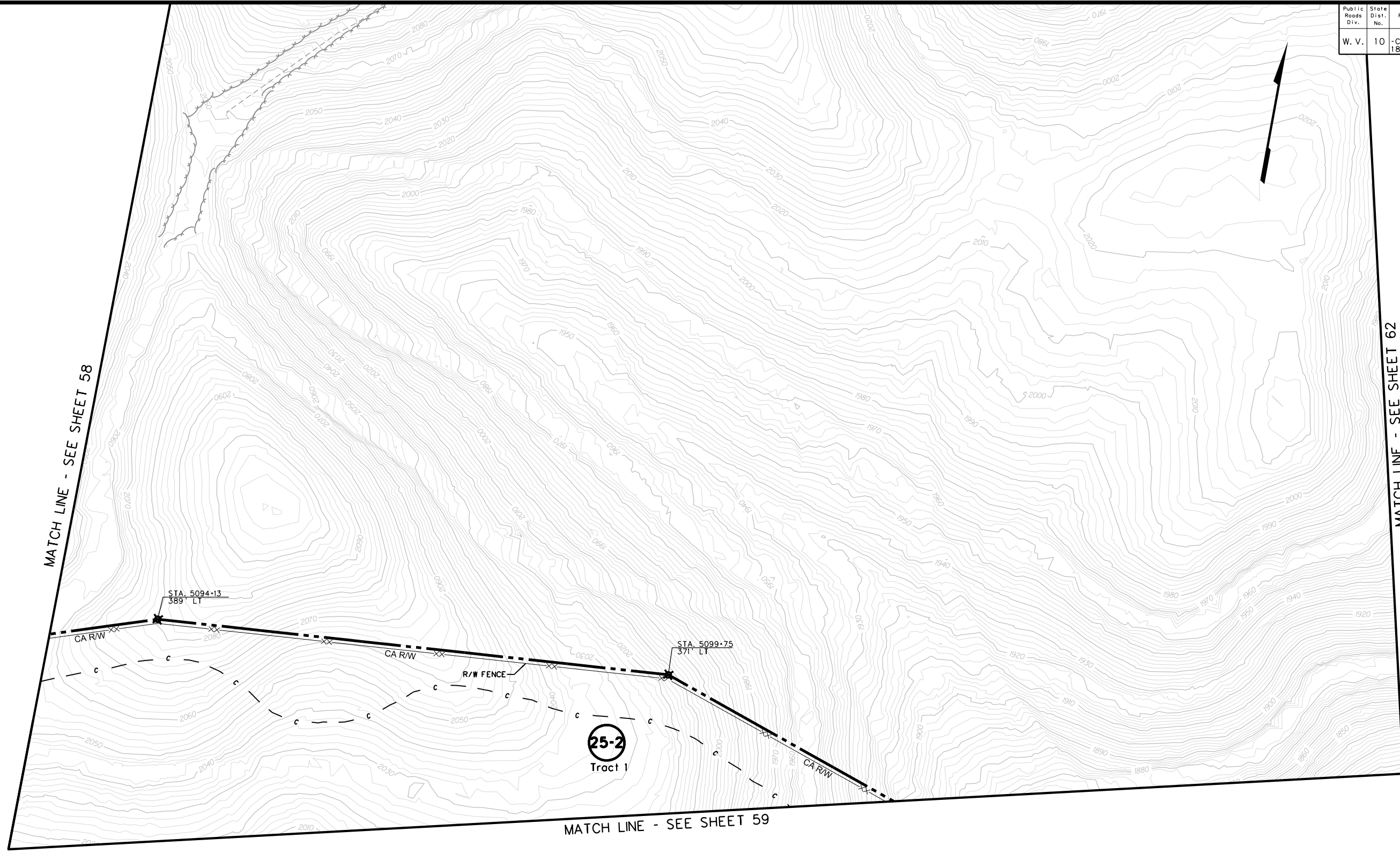


SCALE : 0 50 ft.

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THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
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SCALE : 0 50 ft.

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THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
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MATCH LINE - SEE SHEET 62

MATCH LINE - SEE SHEET 60

MATCH LINE STA 5118+00 - SEE SHEET 63

MATCH LINE STA 5107+00 - SEE SHEET 59

25-2
Tract 1

BEND-1

BEND-2

9-2

5110+00

5115+00

R=1480.00'
CURVE 3-11

CONSTRUCTION OF US 121

CS 5107+44.84

CS 5117+44.84

STA. 5110+46
218' RT

STA. 5114+81
190' LT

STA. 5108+96
242' LT

COALFIELDS -- MAINLINE CURVE -- 3-11 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5112+88.21	215,265.3629	1,833,702.0367
CPI STA. = 5112+62.93	215,199.6605	1,833,693.2236
SS STA. = 5104+52.62	215,015.8558	1,832,904.5615
SC STA. = 5107+40.62	215,092.8622	1,833,181.9497
CS STA. = 5117+44.84	214,961.9007	1,834,158.2797
SS STA. = 5120+32.84	214,814.5159	1,834,405.5689
GEOMETRIC DATA		
$\Delta = 50^{\circ}01'35.42''$ RT	LT = 192.10'	
$\Delta_c = 38^{\circ}52'37.41''$ RT	ST = 96.09'	
$D_c = 3^{\circ}52'16.81''$	$X_s = 287.73'$	
$R = 1,480.00'$	$Y_s = 9.33'$	
$\phi_s = 5^{\circ}34'29.01''$ RT	P = 2.33'	
$L_s = 288.00'$	K = 143.95'	
T = 835.60'	SE = 8.00%	
L = 1,004.23'	RUNOFF = 288.00'	
$E_s = 89.46'$		

R/W-3 02/28/22

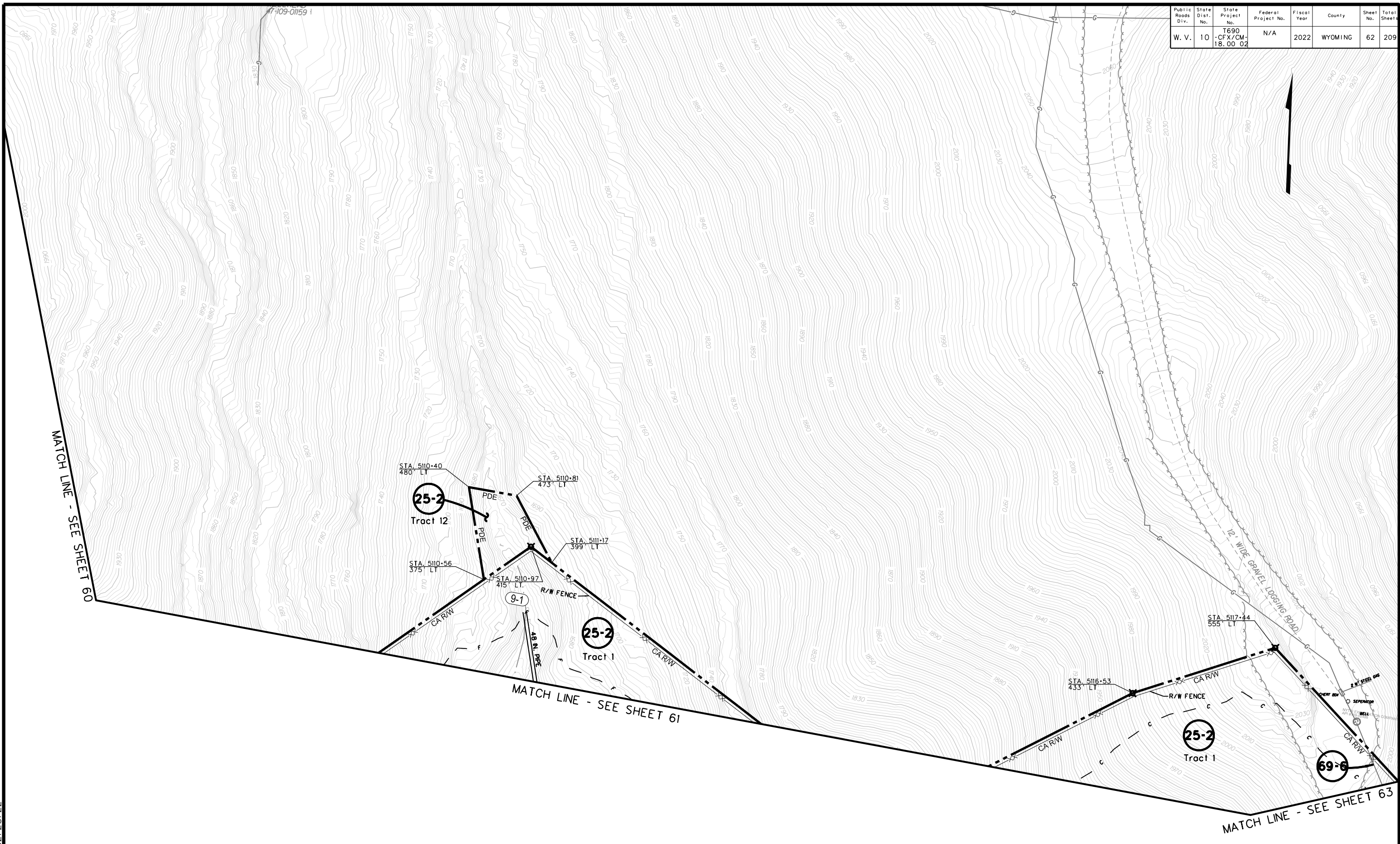


SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
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SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**RIGHT OF WAY
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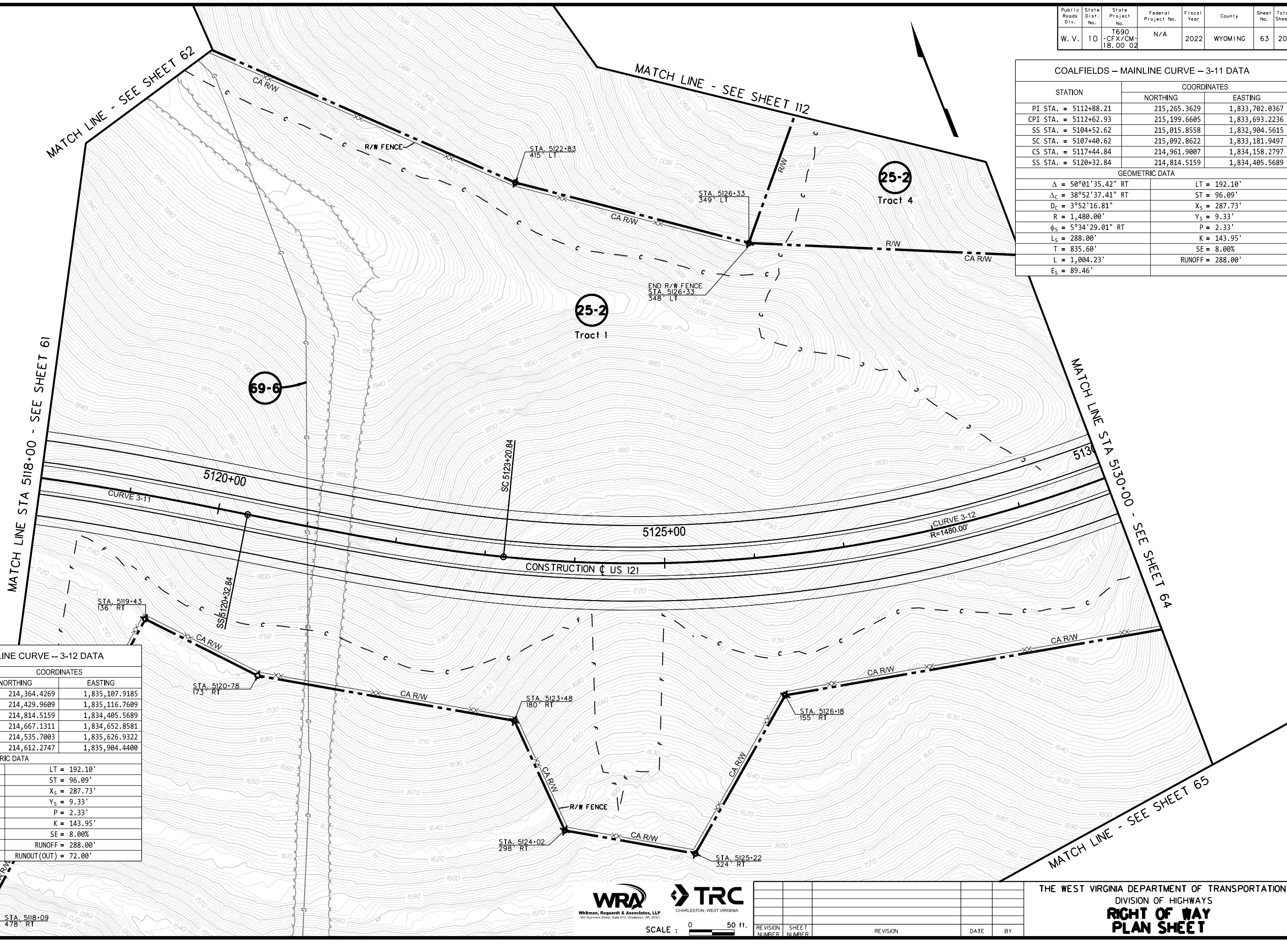
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Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM- 18.00 02	N/A	2022	WYOMING	63	209

COALFIELDS – MAINLINE CURVE – 3-11 DATA

STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5112+88.21	215,265.3629	1,833,702.0367
CPI STA. = 5112+62.93	215,199.6605	1,833,693.2236
SS STA. = 5104+52.62	215,015.8558	1,832,904.5615
SC STA. = 5107+40.62	215,092.8622	1,833,181.9497
CS STA. = 5117+44.84	214,961.9007	1,834,158.2797
SS STA. = 5120+32.84	214,814.5159	1,834,405.5689

GEOMETRIC DATA		
$\Delta = 50^{\circ}01'35.42''$ RT	LT = 192.10'	
$\Delta_c = 38^{\circ}52'37.41''$ RT	ST = 96.09'	
$D_c = 3^{\circ}52'16.81''$	$X_s = 287.73'$	
$R = 1,480.00'$	$Y_s = 9.33'$	
$\phi_s = 5^{\circ}34'29.01''$ RT	$P = 2.33'$	
$L_s = 288.00'$	$K = 143.95'$	
$T = 835.60'$	$SE = 8.00\%$	
$L = 1,004.23'$	$RUNOFF = 288.00'$	
$E_s = 89.46'$		



COALFIELDS – MAINLINE CURVE – 3-12 DATA

STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5128+67.04	214,364.4269	1,835,107.9185
CPI STA. = 5128+41.86	214,429.9609	1,835,116.7609
SS STA. = 5120+32.84	214,814.5159	1,834,405.5689
SC STA. = 5123+20.84	214,667.1311	1,834,652.8581
CS STA. = 5133+22.77	214,535.7003	1,835,626.9322
ST STA. = 5136+10.77	214,612.2747	1,835,904.4400

GEOMETRIC DATA		
$\Delta = 49^{\circ}56'14.28''$ LT	LT = 192.10'	
$\Delta_c = 38^{\circ}47'16.27''$ LT	ST = 96.09'	
$D_c = 3^{\circ}52'16.81''$	$X_s = 287.73'$	
$R = 1,480.00'$	$Y_s = 9.33'$	
$\phi_s = 5^{\circ}34'29.01''$ LT	$P = 2.33'$	
$L_s = 288.00'$	$K = 143.95'$	
$T = 834.19'$	$SE = 8.00\%$	
$L = 1,001.92'$	$RUNOFF = 288.00'$	
$E_s = 89.03'$	$RUNOUT(OUT) = 72.00'$	



SCALE : 0 50 ft.

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28-Nov-2022 08:00 PM

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 - CFX/CM-18.00.02	N/A	2022	WYOMING	64	209

COALFIELDS - MAINLINE CURVE - 3-12 DATA

STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5128+67.04	214,364.4269	1,835,107.9185
CPI STA. = 5128+41.86	214,429.9609	1,835,116.7609
SS STA. = 5120+32.84	214,814.5159	1,834,405.5689
SC STA. = 5123+20.84	214,667.1311	1,834,652.8581
CS STA. = 5133+22.77	214,535.7003	1,835,626.9322
ST STA. = 5136+10.77	214,612.2747	1,835,984.4400

GEOMETRIC DATA

$\Delta = 49^{\circ}56'14.28''$ LT	LT = 192.10'
$\Delta_c = 38^{\circ}47'16.27''$ LT	ST = 96.09'
$D_c = 3^{\circ}52'16.81''$	$X_s = 287.73'$
$R = 1,480.00'$	$Y_s = 9.33'$
$\phi_s = 5^{\circ}34'29.01''$ LT	$P = 2.33'$
$L_s = 288.00'$	$K = 143.95'$
$T = 834.19'$	$SE = 8.00\%$
$L = 1,001.92'$	$RUNOFF = 288.00'$
$E_s = 89.03'$	$RUNOUT(OUT) = 72.00'$

COALFIELDS - MAINLINE CURVE -- 3-13 DATA

STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5141+93.59	214,785.4365	1,836,460.9392
CPI STA. = 5141+91.88	214,769.6730	1,836,463.5129
TS STA. = 5138+10.77	214,671.6970	1,836,095.4085
SC STA. = 5140+91.77	214,747.8274	1,836,365.8126
CS STA. = 5142+91.77	214,780.0362	1,836,563.0879
SS STA. = 5145+72.77	214,793.8636	1,836,843.6640

GEOMETRIC DATA

$\Delta = 16^{\circ}01'22.19''$ RT	LT = 187.40'
$\Delta_c = 6^{\circ}39'44.28''$ RT	ST = 93.73'
$D_c = 3^{\circ}19'52.14''$	$X_s = 280.81'$
$R = 1,720.00'$	$Y_s = 7.65'$
$\phi_s = 4^{\circ}40'48.96''$ RT	$P = 1.91'$
$L_s = 281.00'$	$K = 140.47'$
$T = 382.82'$	$SE = 7.80\%$
$L = 200.00'$	$RUNOFF = 281.00'$
$E_s = 2.91'$	$RUNOUT(IN) = 72.05'$

MATCH LINE STA 5130+00 - SEE SHEET 63

MATCH LINE STA 2004+00 - SEE SHEET 112

MATCH LINE - SEE SHEET 65

MATCH LINE STA 5143+00 - SEE SHEET 66

MATCH LINE - SEE SHEET 67

*SEE GEOMETRIC LAYOUT SHEETS FOR CABIN CREEK SOUTH CURVE DATA.

PARCEL 22-3
STATE OF WEST VIRGINIA
DEPARTMENT OF COMMERCE
DIVISION OF NATURAL RESOURCES
OFFICE OF LAND AND STREAMS

44,211 SF - PERMANENT EASEMENT (PE)



SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**RIGHT OF WAY
PLAN SHEET**

02/28/22

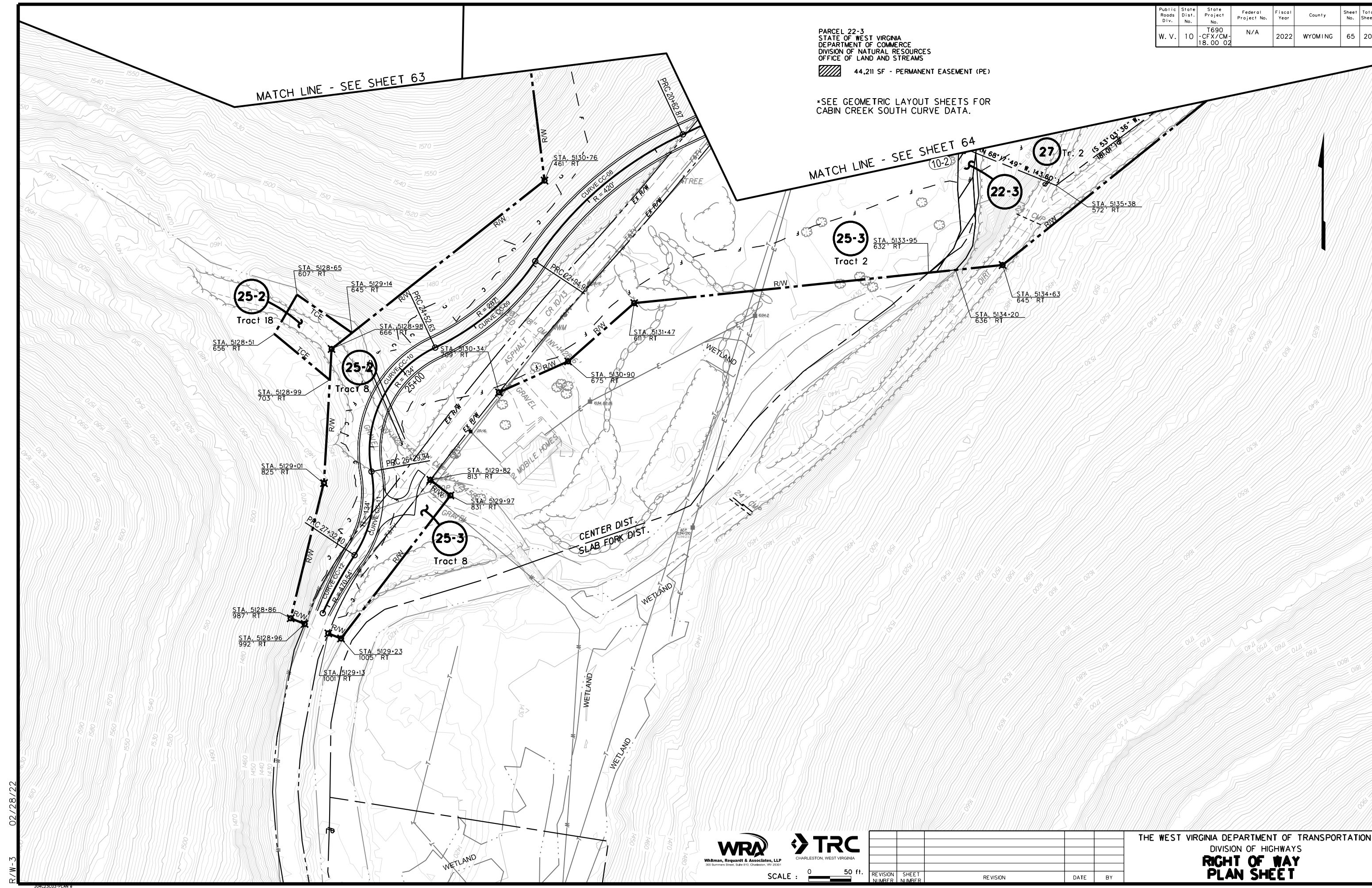
28-Nov-2022 08:01:59

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	65	209

PARCEL 22-3
STATE OF WEST VIRGINIA
DEPARTMENT OF COMMERCE
DIVISION OF NATURAL RESOURCES
OFFICE OF LAND AND STREAMS

44,211 SF - PERMANENT EASEMENT (PE)

*SEE GEOMETRIC LAYOUT SHEETS FOR CABIN CREEK SOUTH CURVE DATA.



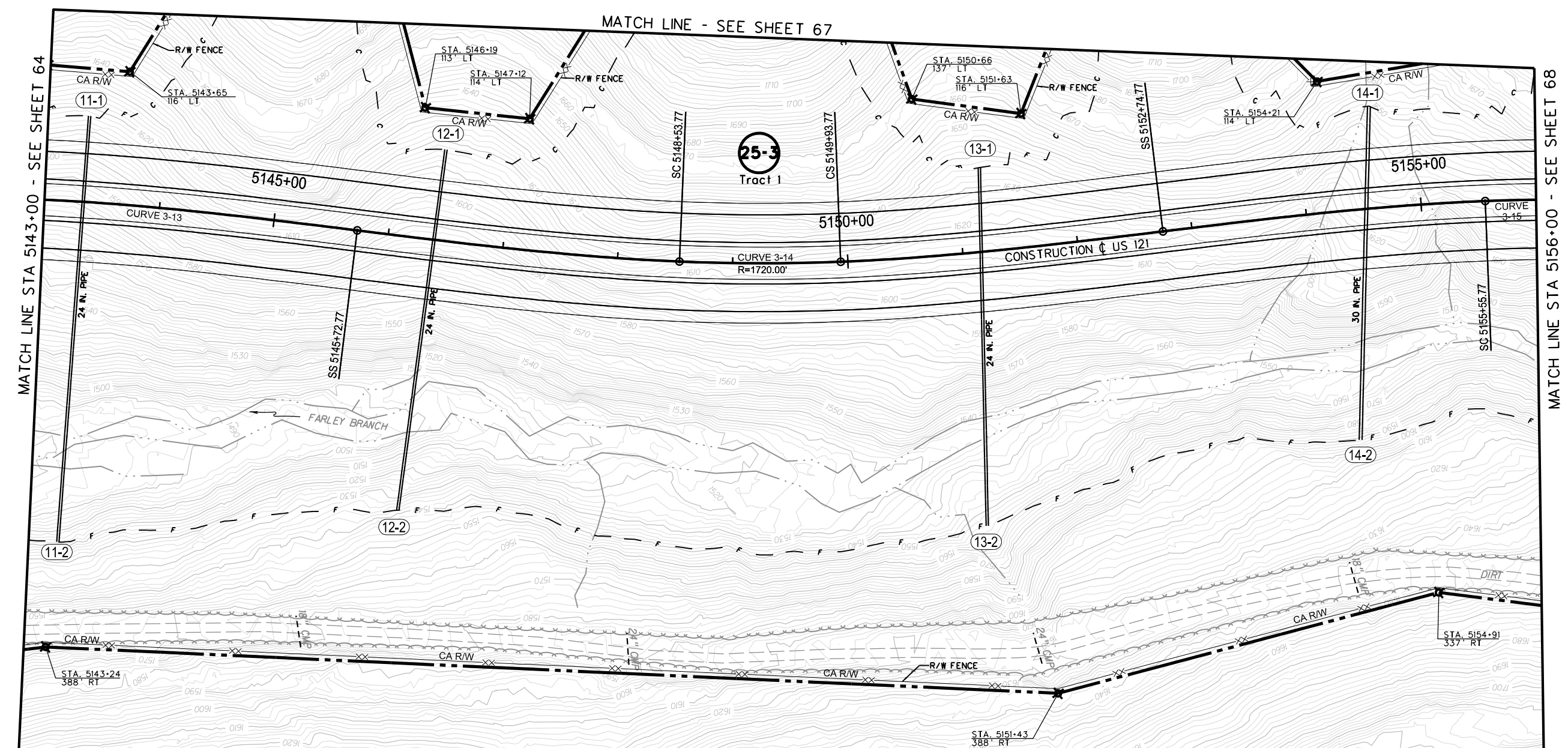
R/W-3 02/28/22



SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**RIGHT OF WAY
PLAN SHEET**



COALFIELDS – MAINLINE CURVE – 3-13 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5141+93.59	214,785.4365	1,836,460.9392
CPI STA. = 5141+91.88	214,769.6730	1,836,463.5129
TS STA. = 5138+10.77	214,671.6970	1,836,095.4085
SC STA. = 5140+91.77	214,747.8274	1,836,365.8126
CS STA. = 5142+91.77	214,780.0362	1,836,563.0879
SS STA. = 5145+72.77	214,793.8636	1,836,843.6640
GEOMETRIC DATA		
$\Delta = 16^{\circ}01'22.19"$ RT	LT = 187.40'	
$\Delta_c = 6^{\circ}39'44.28"$ RT	ST = 93.73'	
$D_c = 3^{\circ}19'52.14"$	$X_s = 280.81'$	
R = 1,720.00'	$Y_s = 7.65'$	
$\phi_s = 4^{\circ}40'48.96"$ RT	P = 1.91'	
$L_s = 281.00'$	K = 140.47'	
T = 382.82'	SE = 7.80%	
L = 200.00'	RUNOFF = 281.00'	
$E_s = 2.91'$	RUNOFF (IN) = 72.05'	

COALFIELDS – MAINLINE CURVE -- 3-14 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5149+25.03	214,801.6180	1,837,195.8399
CPI STA. = 5149+23.81	214,814.9410	1,837,193.9026
SS STA. = 5145+72.77	214,793.8636	1,836,843.6640
SC STA. = 5148+53.77	214,807.6909	1,837,124.2402
CS STA. = 5149+93.77	214,827.8310	1,837,262.7449
SS STA. = 5152+74.77	214,894.4843	1,837,535.6396
GEOMETRIC DATA		
$\Delta = 14^{\circ}01'26.91"$ LT	LT = 187.40'	
$\Delta_c = 4^{\circ}39'49.00"$ LT	ST = 93.73'	
$D_c = 3^{\circ}19'52.14"$	$X_s = 280.81'$	
R = 1,720.00'	$Y_s = 7.65'$	
$\phi_s = 4^{\circ}40'48.96"$ LT	P = 1.91'	
$L_s = 281.00'$	K = 140.47'	
T = 352.26'	SE = 7.80%	
L = 140.00'	RUNOFF = 281.00'	
$E_s = 1.42'$		

COALFIELDS -- MAINLINE CURVE – 3-15 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5158+60.78	215,048.9749	1,838,100.9239
CPI STA. = 5158+53.70	215,015.9684	1,838,101.3723
SS STA. = 5152+74.77	214,894.4843	1,837,535.6396
SC STA. = 5155+55.77	214,961.1375	1,837,808.5343
CS STA. = 5161+45.77	214,969.1130	1,838,395.5918
SS STA. = 5164+26.77	214,909.8979	1,838,670.1965
GEOMETRIC DATA		
$\Delta = 29^{\circ}00'51.54"$ RT	LT = 187.40'	
$\Delta_c = 19^{\circ}39'13.63"$ RT	ST = 93.73'	
$D_c = 3^{\circ}19'52.14"$	$X_s = 280.81'$	
R = 1,720.00'	$Y_s = 7.65'$	
$\phi_s = 4^{\circ}40'48.96"$ RT	P = 1.91'	
$L_s = 281.00'$	K = 140.47'	
T = 586.02'	SE = 7.80%	
L = 590.00'	RUNOFF = 281.00'	
$E_s = 25.61'$		

R/W-3 02/28/22

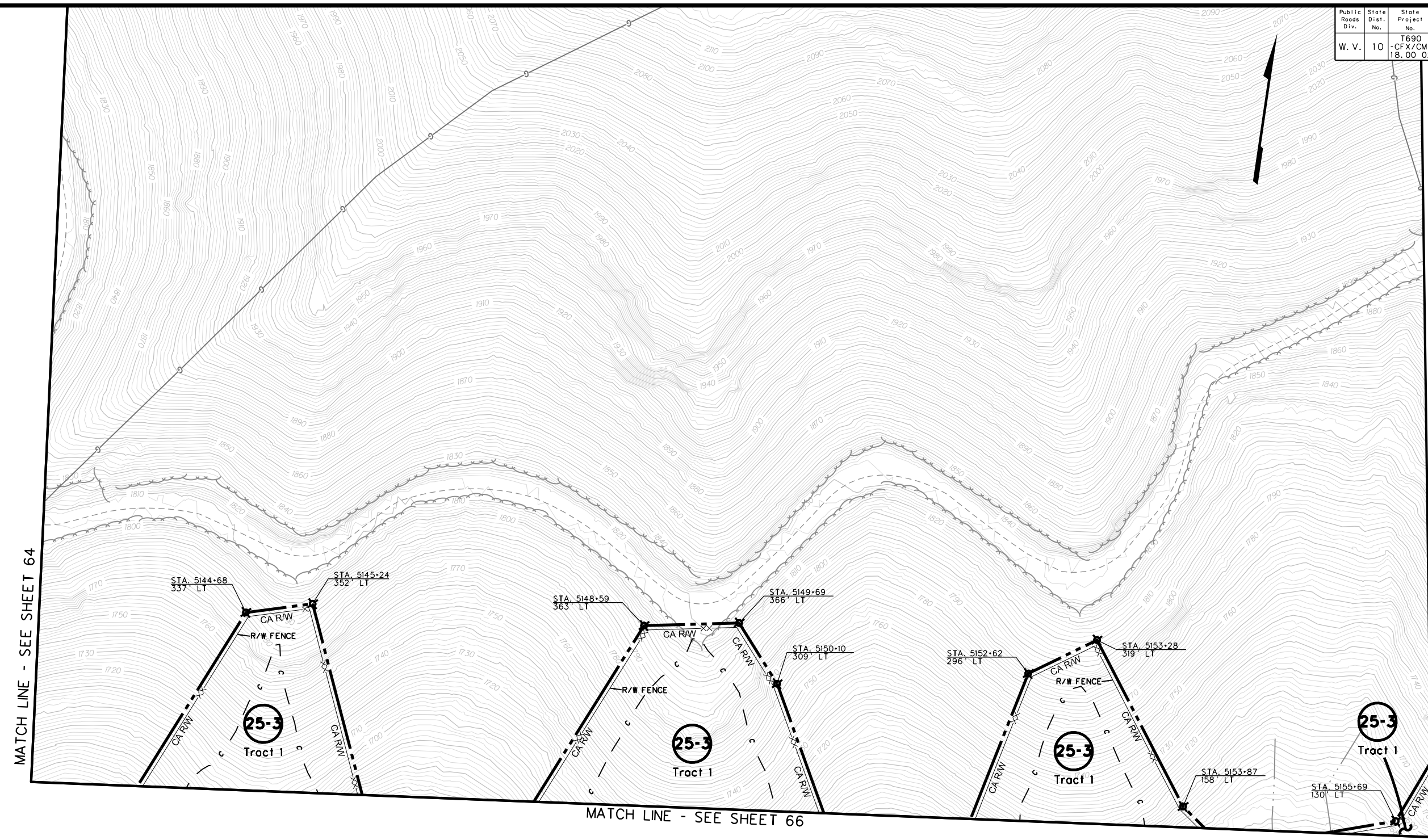


SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**RIGHT OF WAY
PLAN SHEET**

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	67	209



MATCH LINE - SEE SHEET 64

MATCH LINE - SEE SHEET 66

MATCH LINE - SEE SHEET 69

25-3
Tract 1

25-3
Tract 1

25-3
Tract 1

25-3
Tract 1

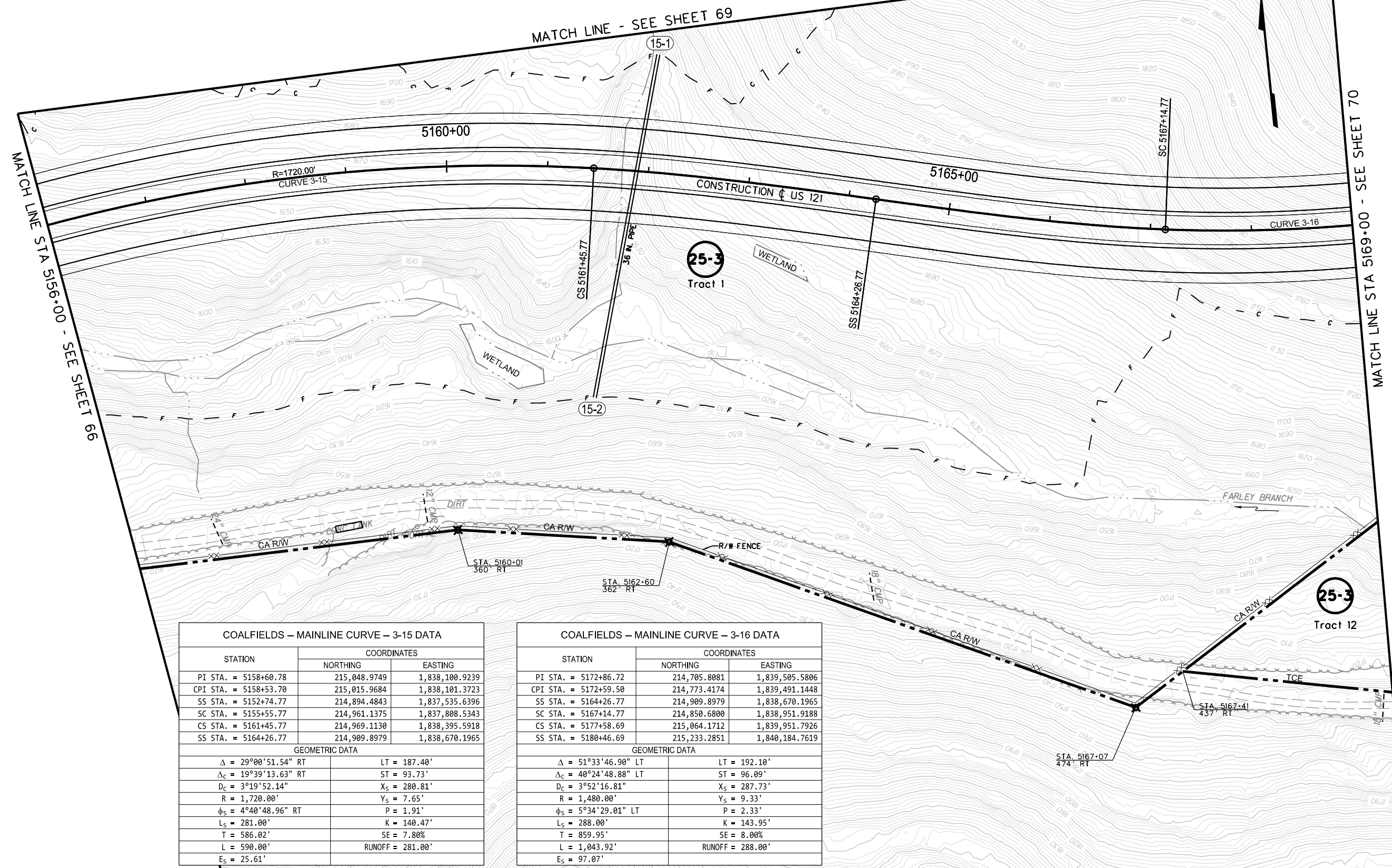
R/W-3 02/28/22



SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**RIGHT OF WAY
PLAN SHEET**



COALFIELDS – MAINLINE CURVE – 3-15 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5158+60.78	215,048.9749	1,838,100.9239
CPI STA. = 5158+53.70	215,015.9684	1,838,101.3723
SS STA. = 5152+74.77	214,894.4843	1,837,535.6396
SC STA. = 5155+55.77	214,961.1375	1,837,808.5343
CS STA. = 5161+45.77	214,969.1130	1,838,395.5918
SS STA. = 5164+26.77	214,909.8979	1,838,670.1965
GEOMETRIC DATA		
$\Delta = 29^{\circ}00'51.54''$ RT	LT = 187.40'	
$\Delta_c = 19^{\circ}39'13.63''$ RT	ST = 93.73'	
$D_c = 3^{\circ}19'52.14''$	$X_s = 280.81'$	
$R = 1,720.00'$	$Y_s = 7.65'$	
$\phi_s = 4^{\circ}40'48.96''$ RT	P = 1.91'	
$L_s = 281.00'$	K = 140.47'	
T = 586.02'	SE = 7.80%	
L = 590.00'	RUNOFF = 281.00'	
$E_s = 25.61'$		

COALFIELDS – MAINLINE CURVE – 3-16 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5172+86.72	214,705.8081	1,839,505.5806
CPI STA. = 5172+59.50	214,773.4174	1,839,491.1448
SS STA. = 5164+26.77	214,909.8979	1,838,670.1965
SC STA. = 5167+14.77	214,850.6800	1,838,951.9188
CS STA. = 5177+58.69	215,064.1712	1,839,951.7926
SS STA. = 5180+46.69	215,233.2851	1,840,184.7619
GEOMETRIC DATA		
$\Delta = 51^{\circ}33'46.90''$ LT	LT = 192.10'	
$\Delta_c = 40^{\circ}24'48.88''$ LT	ST = 96.09'	
$D_c = 3^{\circ}52'16.81''$	$X_s = 287.73'$	
$R = 1,480.00'$	$Y_s = 9.33'$	
$\phi_s = 5^{\circ}34'29.01''$ LT	P = 2.33'	
$L_s = 288.00'$	K = 143.95'	
T = 859.95'	SE = 8.00%	
L = 1,043.92'	RUNOFF = 288.00'	
$E_s = 97.07'$		

R/W-3 02/28/22

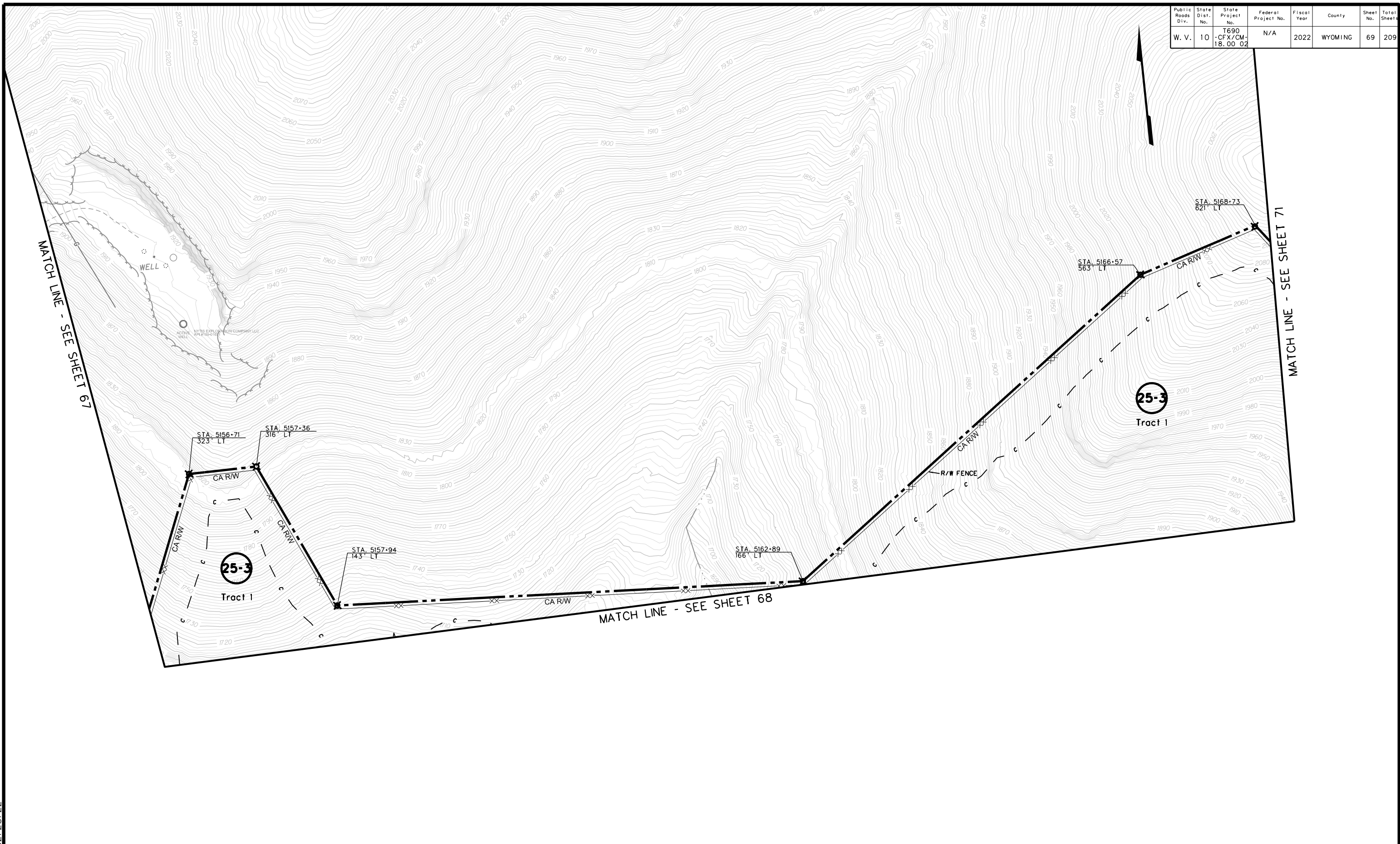


SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**RIGHT OF WAY
PLAN SHEET**

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	69	209



R/W-3 02/28/22



SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

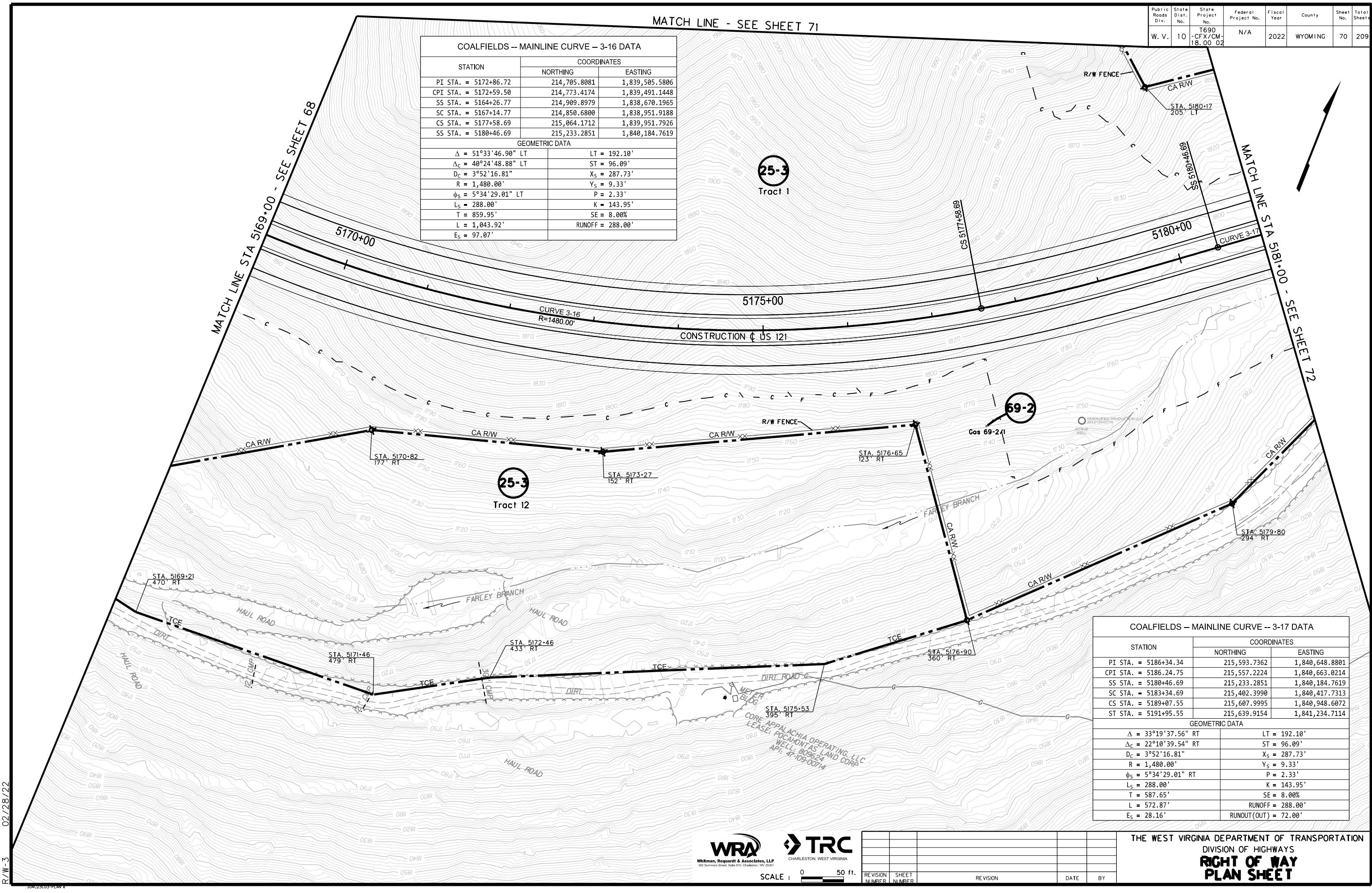
THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
**RIGHT OF WAY
 PLAN SHEET**

28 MAY 2022 10:30 PM

MATCH LINE - SEE SHEET 71

COALFIELDS -- MAINLINE CURVE -- 3-16 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5172+86.72	214,785.8081	1,839,505.5806
CPI STA. = 5172+59.50	214,773.4174	1,839,491.1448
SS STA. = 5164+26.77	214,909.8979	1,838,670.1965
SC STA. = 5167+14.77	214,850.6800	1,838,951.9188
CS STA. = 5177+58.69	215,064.1712	1,839,951.7926
SS STA. = 5180+46.69	215,233.2851	1,840,184.7619
GEOMETRIC DATA		
$\Delta = 51^{\circ}33'46.90''$ LT	LT = 192.10'	
$\Delta_c = 40^{\circ}24'48.88''$ LT	ST = 96.09'	
$D_c = 3^{\circ}52'16.81''$	$X_s = 287.73'$	
$R = 1,480.00'$	$Y_s = 9.33'$	
$\phi_s = 5^{\circ}34'29.01''$ LT	$P = 2.33'$	
$L_s = 288.00'$	$K = 143.95'$	
$T = 859.95'$	$SE = 8.00\%$	
$L = 1,043.92'$	$RUNOFF = 288.00'$	
$E_s = 97.07'$		

COALFIELDS -- MAINLINE CURVE -- 3-17 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5186+34.34	215,593.7362	1,840,648.8801
CPI STA. = 5186.24.75	215,557.2224	1,840,663.0214
SS STA. = 5180+46.69	215,233.2851	1,840,184.7619
SC STA. = 5183+34.69	215,402.3990	1,840,417.7313
CS STA. = 5189+07.55	215,607.9995	1,840,948.6072
ST STA. = 5191+95.55	215,639.9154	1,841,234.7114
GEOMETRIC DATA		
$\Delta = 33^{\circ}19'37.56''$ RT	LT = 192.10'	
$\Delta_c = 22^{\circ}10'39.54''$ RT	ST = 96.09'	
$D_c = 3^{\circ}52'16.81''$	$X_s = 287.73'$	
$R = 1,480.00'$	$Y_s = 9.33'$	
$\phi_s = 5^{\circ}34'29.01''$ RT	$P = 2.33'$	
$L_s = 288.00'$	$K = 143.95'$	
$T = 587.65'$	$SE = 8.00\%$	
$L = 572.87'$	$RUNOFF = 288.00'$	
$E_s = 28.16'$	$RUNOUT(OUT) = 72.00'$	



SCALE : 0 50 ft.

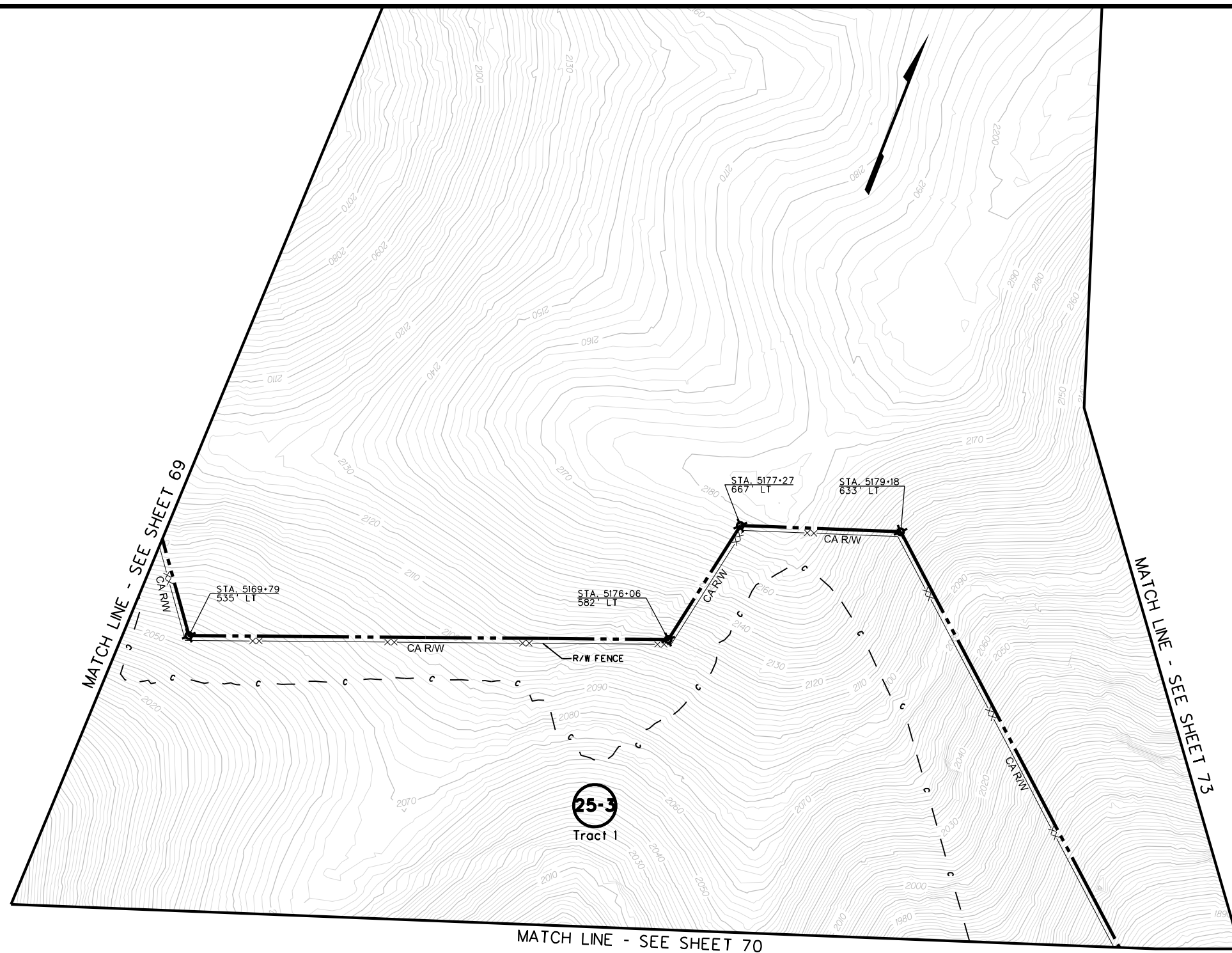
REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**RIGHT OF WAY
PLAN SHEET**

R/W-3 02/28/22

28-Apr-2022 08:30:54

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	71	209



R/W-3 02/28/22

MATCH LINE - SEE SHEET 70

MATCH LINE - SEE SHEET 69

MATCH LINE - SEE SHEET 73

25-3
Tract 1

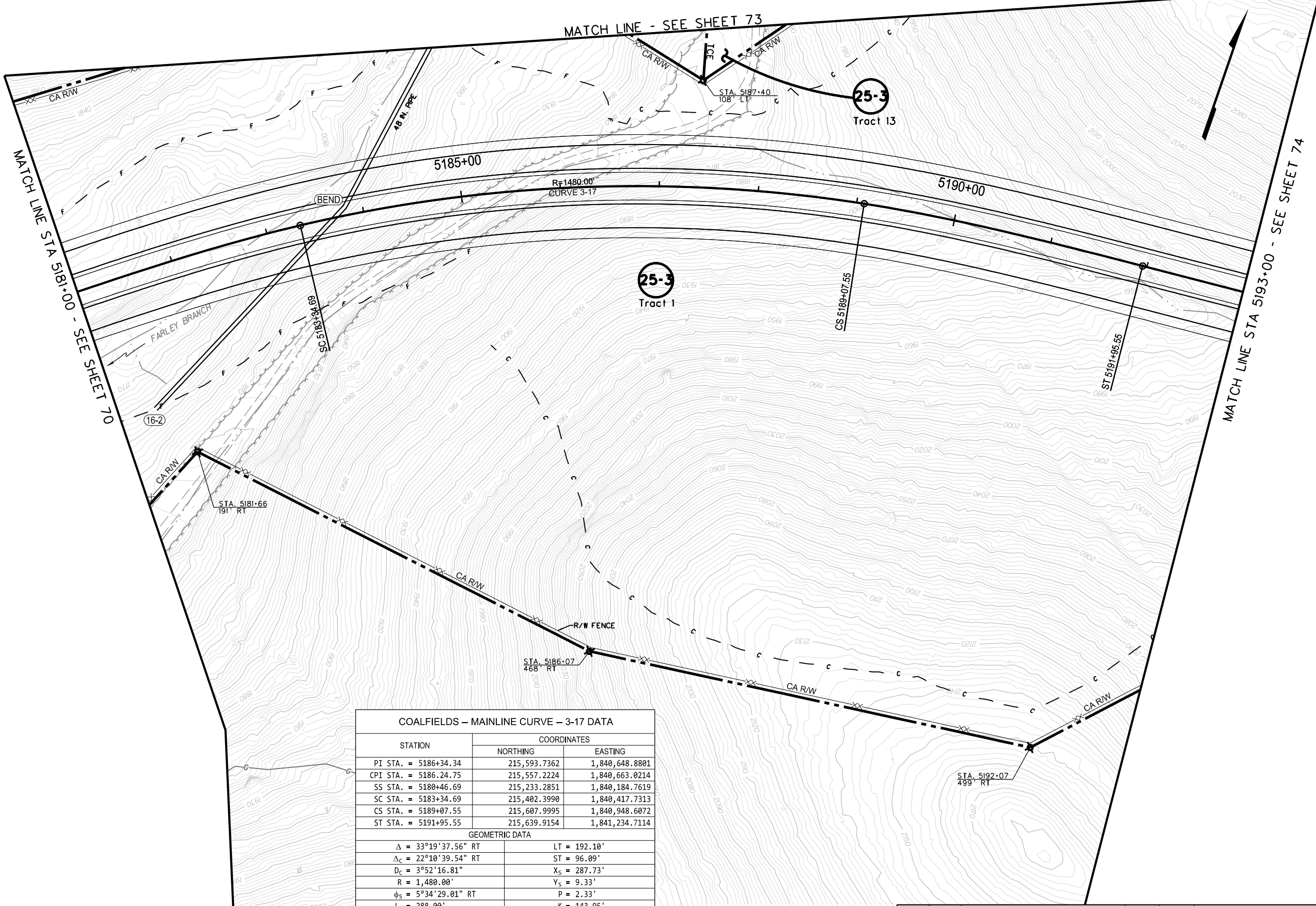


SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**RIGHT OF WAY
PLAN SHEET**

28-Apr-2022 10:30 PM



COALFIELDS – MAINLINE CURVE – 3-17 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5186+34.34	215,593.7362	1,840,648.8801
CPI STA. = 5186.24.75	215,557.2224	1,840,663.0214
SS STA. = 5180+46.69	215,233.2851	1,840,184.7619
SC STA. = 5183+34.69	215,402.3990	1,840,417.7313
CS STA. = 5189+07.55	215,607.9995	1,840,948.6072
ST STA. = 5191+95.55	215,639.9154	1,841,234.7114
GEOMETRIC DATA		
$\Delta = 33^{\circ}19'37.56''$ RT	LT = 192.10'	
$\Delta_c = 22^{\circ}10'39.54''$ RT	ST = 96.09'	
$D_c = 3^{\circ}52'16.81''$	$X_s = 287.73'$	
$R = 1,480.00'$	$Y_s = 9.33'$	
$\phi_s = 5^{\circ}34'29.01''$ RT	$P = 2.33'$	
$L_s = 288.00'$	$K = 143.95'$	
$T = 587.65'$	$SE = 8.00\%$	
$L = 572.87'$	$RUNOFF = 288.00'$	
$E_s = 28.16'$	$RUNOUT (OUT) = 72.00'$	



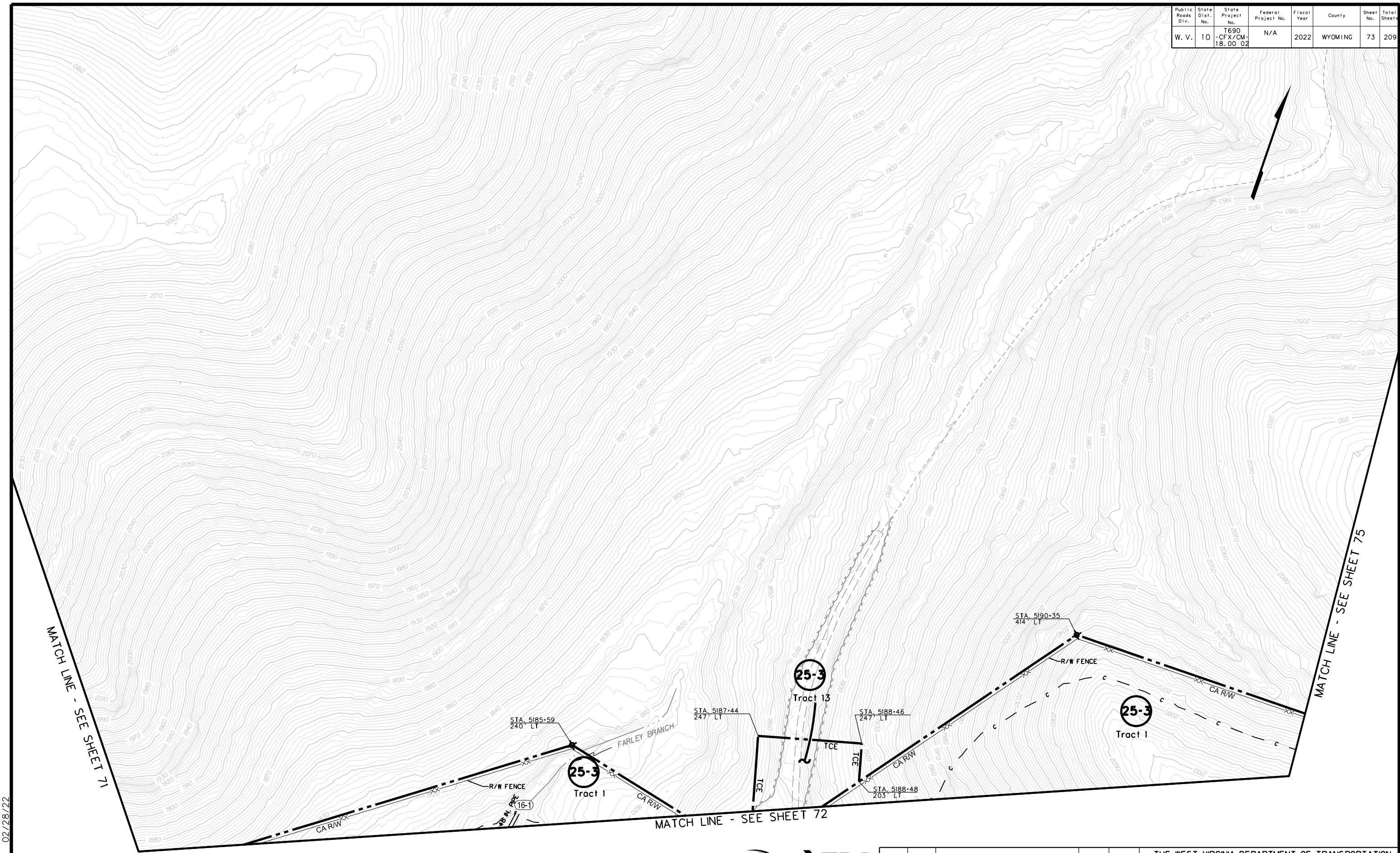
SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
**RIGHT OF WAY
 PLAN SHEET**

R/W-3 02/28/22

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheets
W. V.	10	T690 -CFX/CM- 18.00 02	N/A	2022	WYOMING	73	209



R/W-3
02/28/22

MATCH LINE - SEE SHEET 71

MATCH LINE - SEE SHEET 75

MATCH LINE - SEE SHEET 72

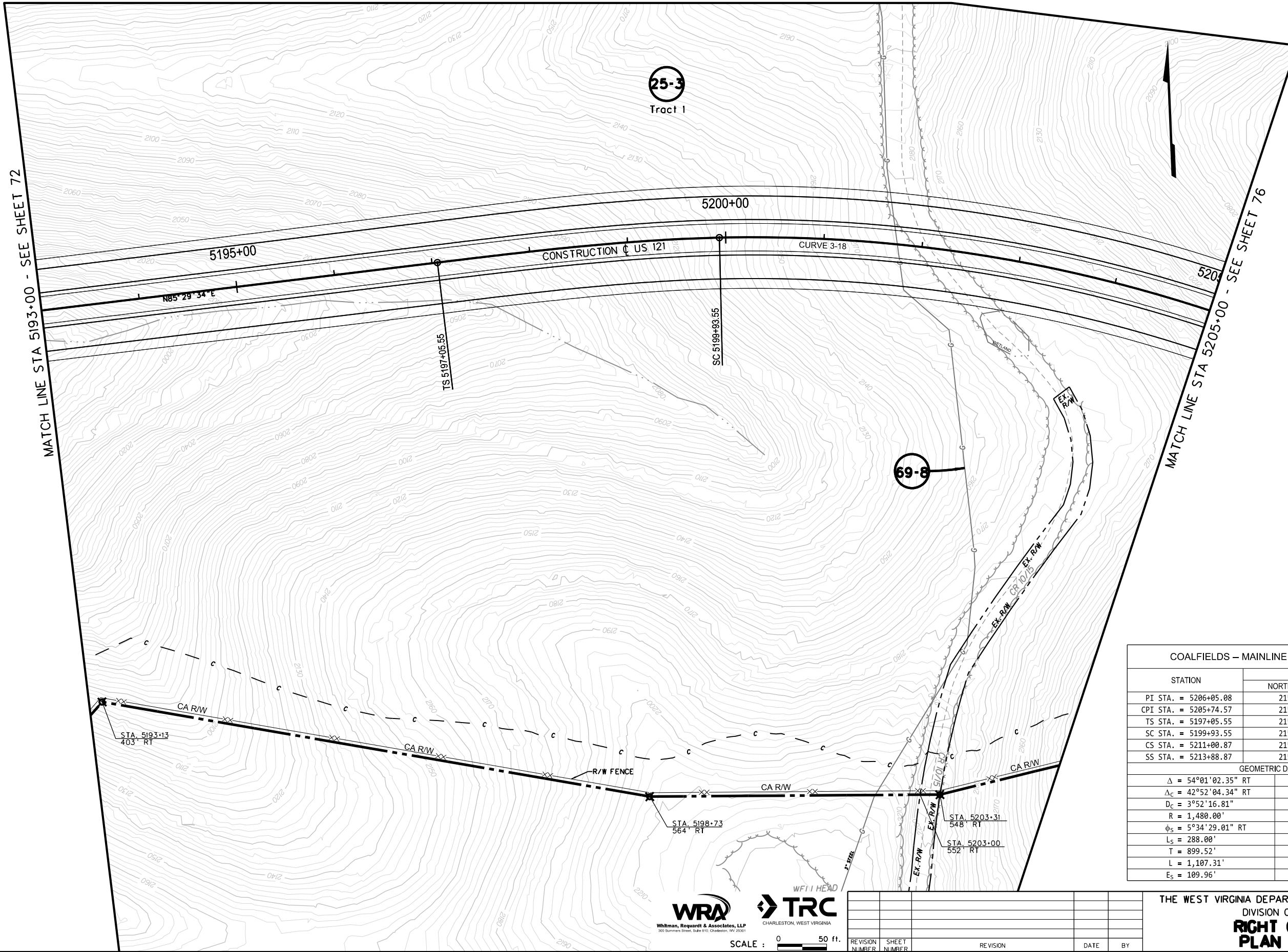


SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**RIGHT OF WAY
PLAN SHEET**

MATCH LINE - SEE SHEET 75



MATCH LINE STA 5193+00 - SEE SHEET 72

MATCH LINE STA 5205+00 - SEE SHEET 76

COALFIELDS - MAINLINE CURVE - 3-18 DATA

STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5206+05.08	215,750.6799	1,842,639.8764
CPI STA. = 5205+74.57	215,682.4722	1,842,611.6217
TS STA. = 5197+05.55	215,679.9927	1,841,743.1342
SC STA. = 5199+93.55	215,693.2978	1,842,030.7055
CS STA. = 5211+00.87	215,279.3347	1,843,030.0247
SS STA. = 5213+88.87	215,066.5726	1,843,223.9486

GEOMETRIC DATA	
$\Delta = 54^{\circ}01'02.35''$ RT	LT = 192.10'
$\Delta_c = 42^{\circ}52'04.34''$ RT	ST = 96.09'
$D_c = 3^{\circ}52'16.81''$	$X_s = 287.73'$
$R = 1,480.00'$	$Y_s = 9.33'$
$\phi_s = 5^{\circ}34'29.01''$ RT	P = 2.33'
$L_s = 288.00'$	K = 143.95'
T = 899.52'	SE = 8.00%
L = 1,107.31'	RUNOFF = 288.00'
$E_s = 109.96'$	RUNOUT (IN) = 72.00'

R/W-3 02/28/22

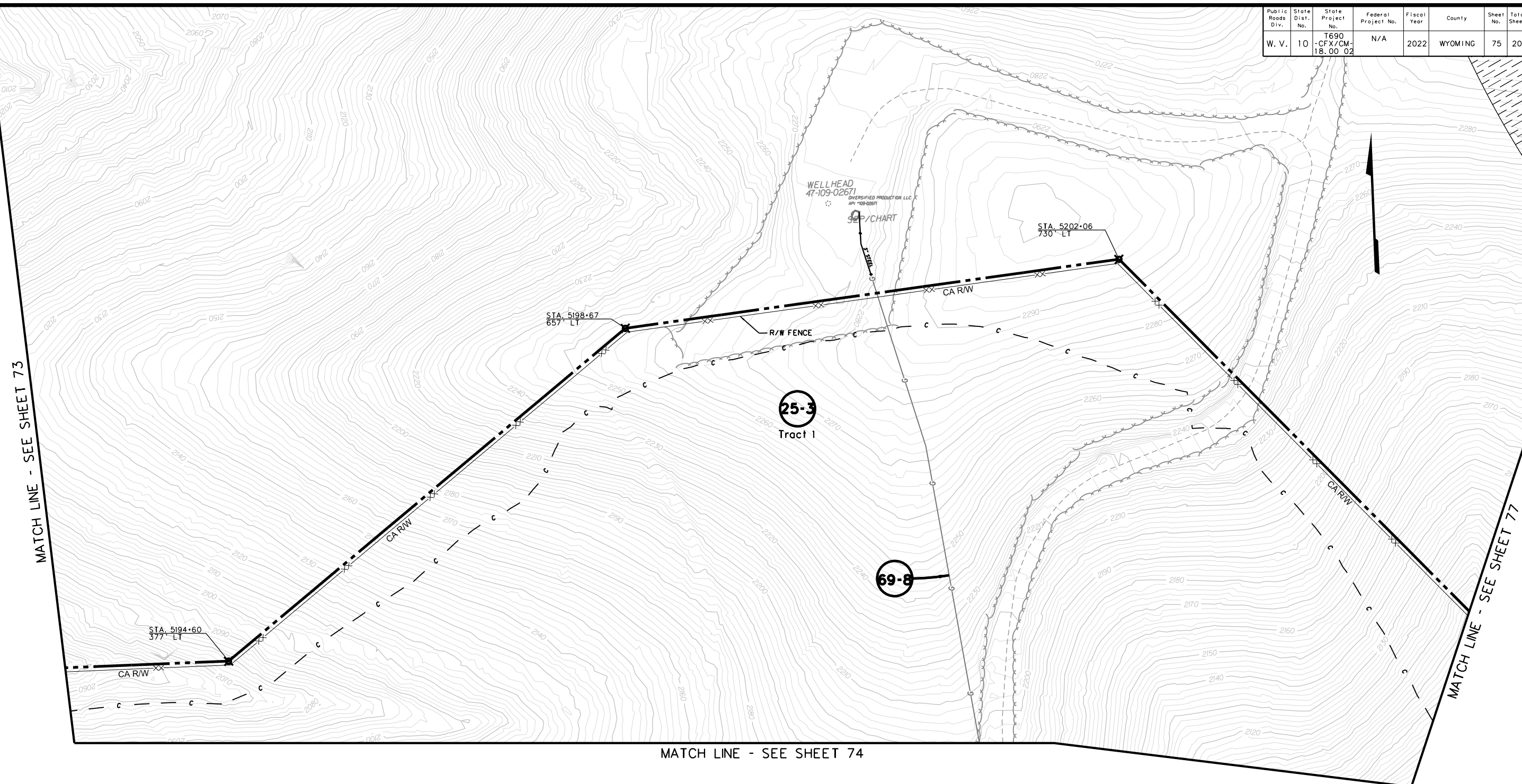


SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**RIGHT OF WAY
PLAN SHEET**

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	75	209



MATCH LINE - SEE SHEET 73

MATCH LINE - SEE SHEET 77

MATCH LINE - SEE SHEET 74

- WYOMING EAGLE, LLC PERMIT AREAS (PERMIT S501019)
- WYOMING EAGLE, LLC HIGHWALL/AUGER MINING AREA



SCALE : 0 50 ft.

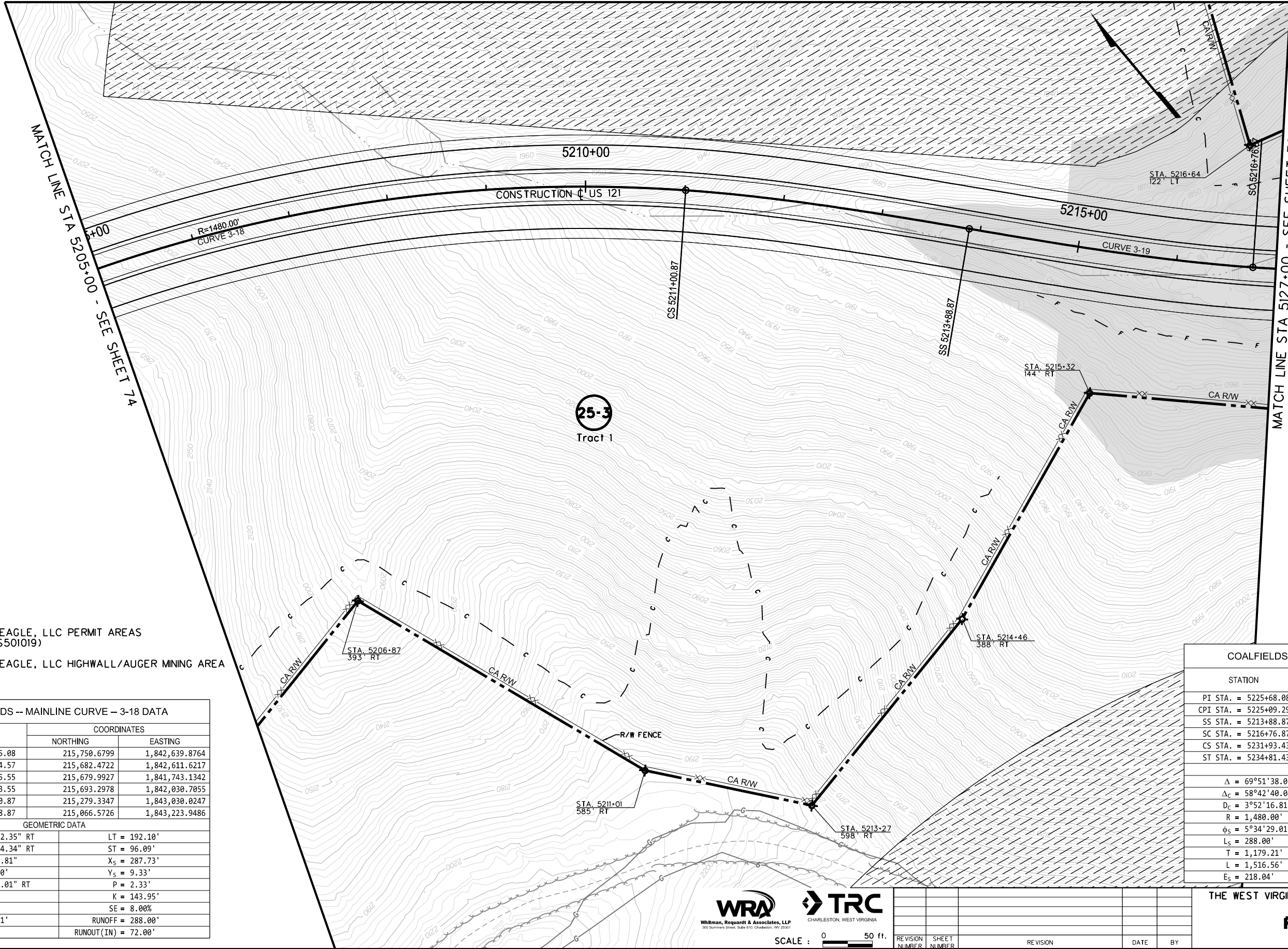
REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
**RIGHT OF WAY
 PLAN SHEET**

02/28/22

28-Apr-2022 08:30 PM

MATCH LINE - SEE SHEET 77



WYOMING EAGLE, LLC PERMIT AREAS (PERMIT S501019)
 WYOMING EAGLE, LLC HIGHWALL/AUGER MINING AREA

COALFIELDS -- MAINLINE CURVE -- 3-18 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5206+05.08	215,750.6799	1,842,639.8764
CPI STA. = 5205+74.57	215,682.4722	1,842,611.6217
TS STA. = 5197+05.55	215,679.9927	1,841,743.1342
SC STA. = 5199+93.55	215,693.2978	1,842,030.7055
CS STA. = 5211+00.87	215,279.3347	1,843,030.0247
SS STA. = 5213+88.87	215,066.5726	1,843,223.9486
GEOMETRIC DATA		
$\Delta = 54^{\circ}01'02.35''$ RT	LT = 192.10'	
$\Delta_c = 42^{\circ}52'04.34''$ RT	ST = 96.09'	
$D_c = 3^{\circ}52'16.81''$	$X_s = 287.73'$	
$R = 1,480.00'$	$Y_s = 9.33'$	
$\phi_s = 5^{\circ}34'29.01''$ RT	P = 2.33'	
$L_s = 288.00'$	K = 143.95'	
T = 899.52'	SE = 8.00%	
L = 1,107.31'	RUNOFF = 288.00'	
$E_s = 109.96'$	RUNOUT (IN) = 72.00'	

COALFIELDS -- MAINLINE CURVE -- 3-19 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5225+68.08	214,169.7574	1,843,989.6250
CPI STA. = 5225+09.29	214,276.2338	1,844,017.3202
SS STA. = 5213+88.87	215,066.5726	1,843,223.9486
SC STA. = 5216+76.87	214,853.8104	1,843,417.8726
CS STA. = 5231+93.43	214,488.5312	1,844,822.2189
ST STA. = 5234+81.43	214,579.8397	1,845,095.2335
GEOMETRIC DATA		
$\Delta = 69^{\circ}51'38.06''$ LT	LT = 192.10'	
$\Delta_c = 58^{\circ}42'40.04''$ LT	ST = 96.09'	
$D_c = 3^{\circ}52'16.81''$	$X_s = 287.73'$	
$R = 1,480.00'$	$Y_s = 9.33'$	
$\phi_s = 5^{\circ}34'29.01''$ LT	P = 2.33'	
$L_s = 288.00'$	K = 143.95'	
T = 1,179.21'	SE = 8.00%	
L = 1,516.56'	RUNOFF = 288.00'	
$E_s = 218.04'$	RUNOUT (OUT) = 72.00'	



SCALE : 0 50 ft.

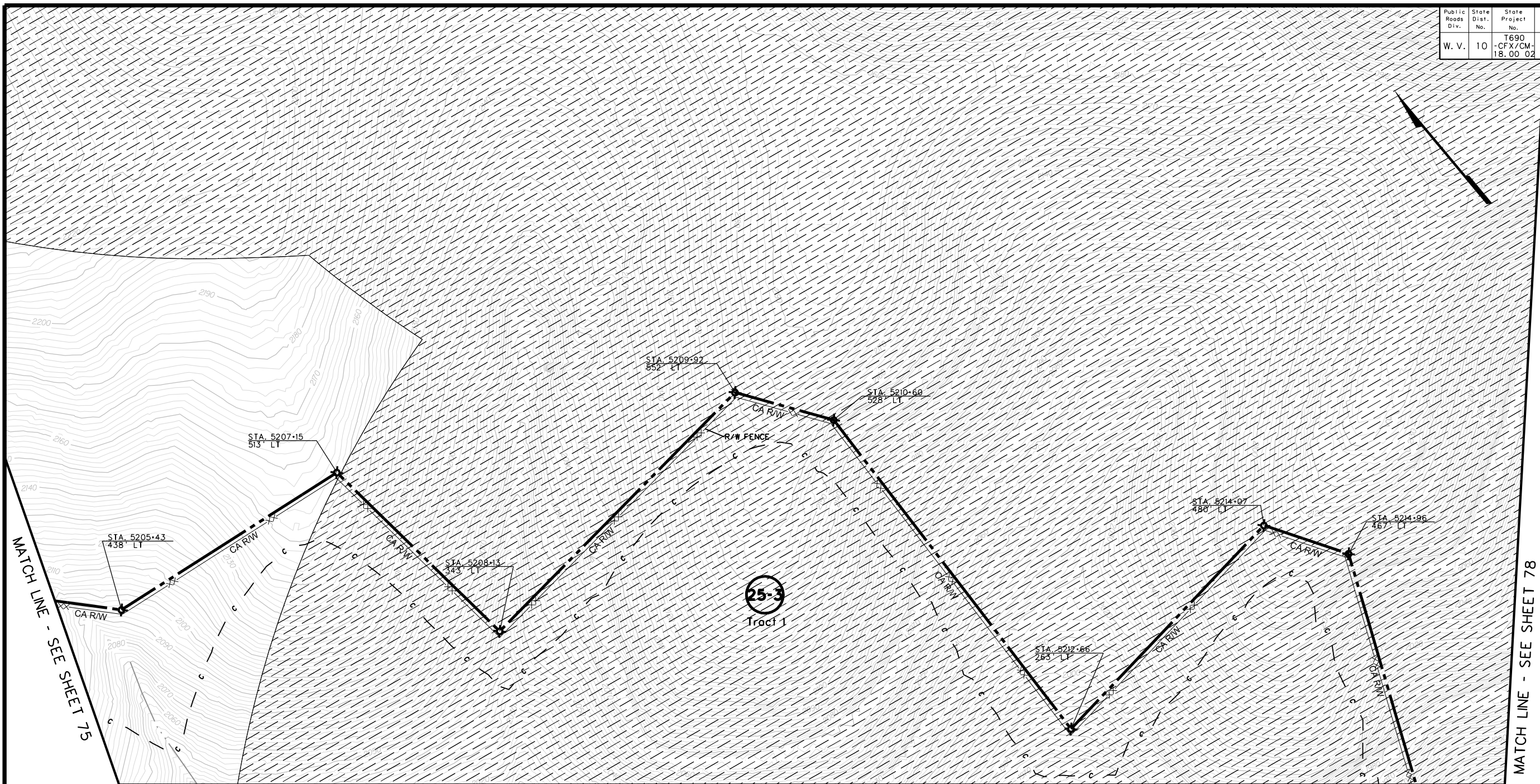
REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
RIGHT OF WAY PLAN SHEET

R/W-3 02/28/22

DATE PLOTTED: 02/28/22 10:51 AM

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	77	209



MATCH LINE - SEE SHEET 75

MATCH LINE - SEE SHEET 78

MATCH LINE - SEE SHEET 76

R/W-3 02/28/22

- WYOMING EAGLE, LLC PERMIT AREAS (PERMIT S501019)
- WYOMING EAGLE, LLC HIGHWALL/AUGER MINING AREA



SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**RIGHT OF WAY
PLAN SHEET**



28-Apr-2022 08:11 PM

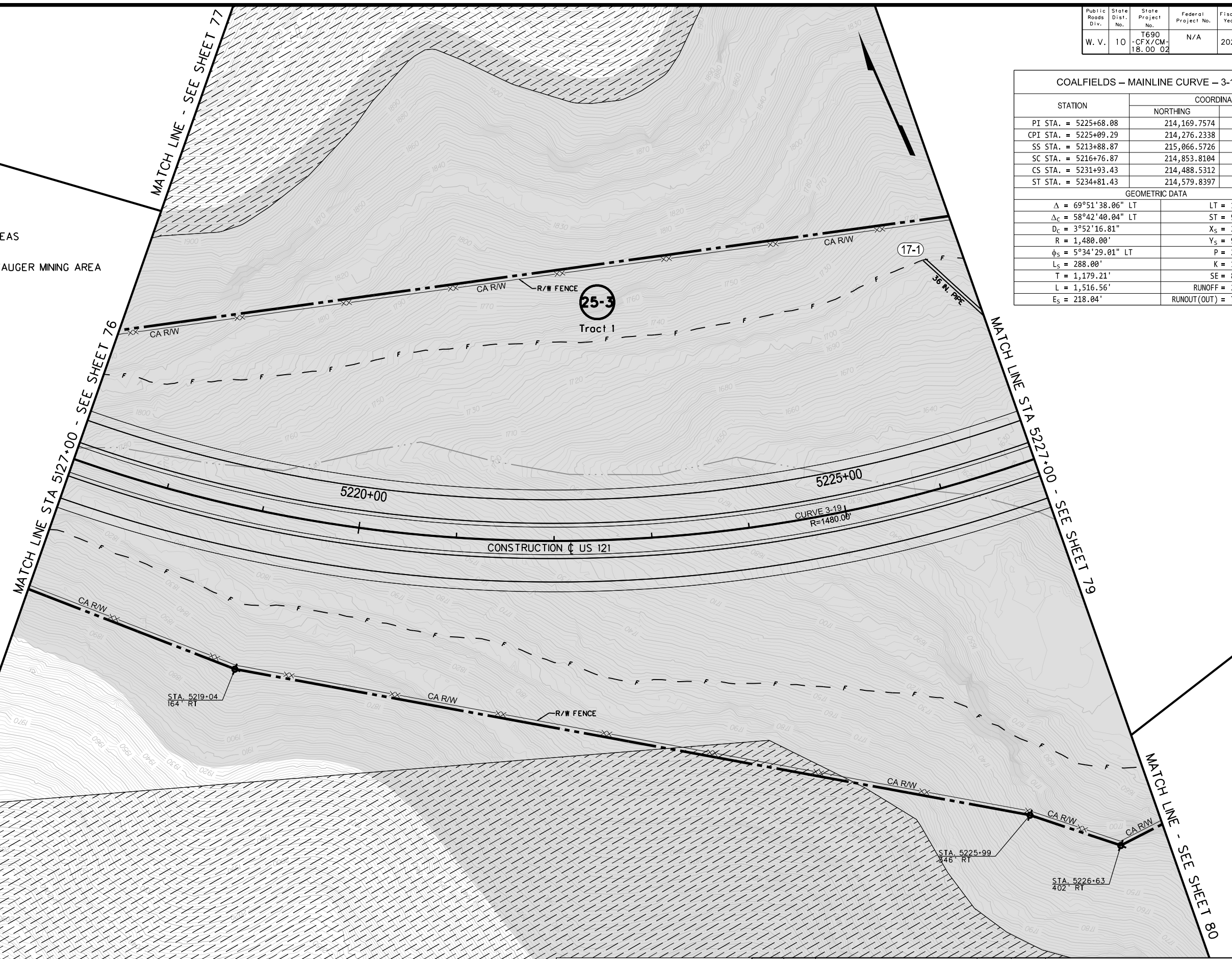
Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	78	209

COALFIELDS – MAINLINE CURVE – 3-19 DATA



STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5225+68.08	214,169.7574	1,843,989.6250
CPI STA. = 5225+09.29	214,276.2338	1,844,017.3202
SS STA. = 5213+88.87	215,066.5726	1,843,223.9486
SC STA. = 5216+76.87	214,853.8104	1,843,417.8726
CS STA. = 5231+93.43	214,488.5312	1,844,822.2189
ST STA. = 5234+81.43	214,579.8397	1,845,095.2335

GEOMETRIC DATA	
$\Delta = 69^{\circ}51'38.06''$ LT	LT = 192.10'
$\Delta_c = 58^{\circ}42'40.04''$ LT	ST = 96.09'
$D_c = 3^{\circ}52'16.81''$	$X_s = 287.73'$
$R = 1,480.00'$	$Y_s = 9.33'$
$\phi_s = 5^{\circ}34'29.01''$ LT	P = 2.33'
$L_s = 288.00'$	K = 143.95'
T = 1,179.21'	SE = 8.00%
L = 1,516.56'	RUNOFF = 288.00'
$E_s = 218.04'$	RUNOUT (OUT) = 72.00'

 WYOMING EAGLE, LLC PERMIT AREAS (PERMIT S501019)
 WYOMING EAGLE, LLC HIGHWALL/AUGER MINING AREA



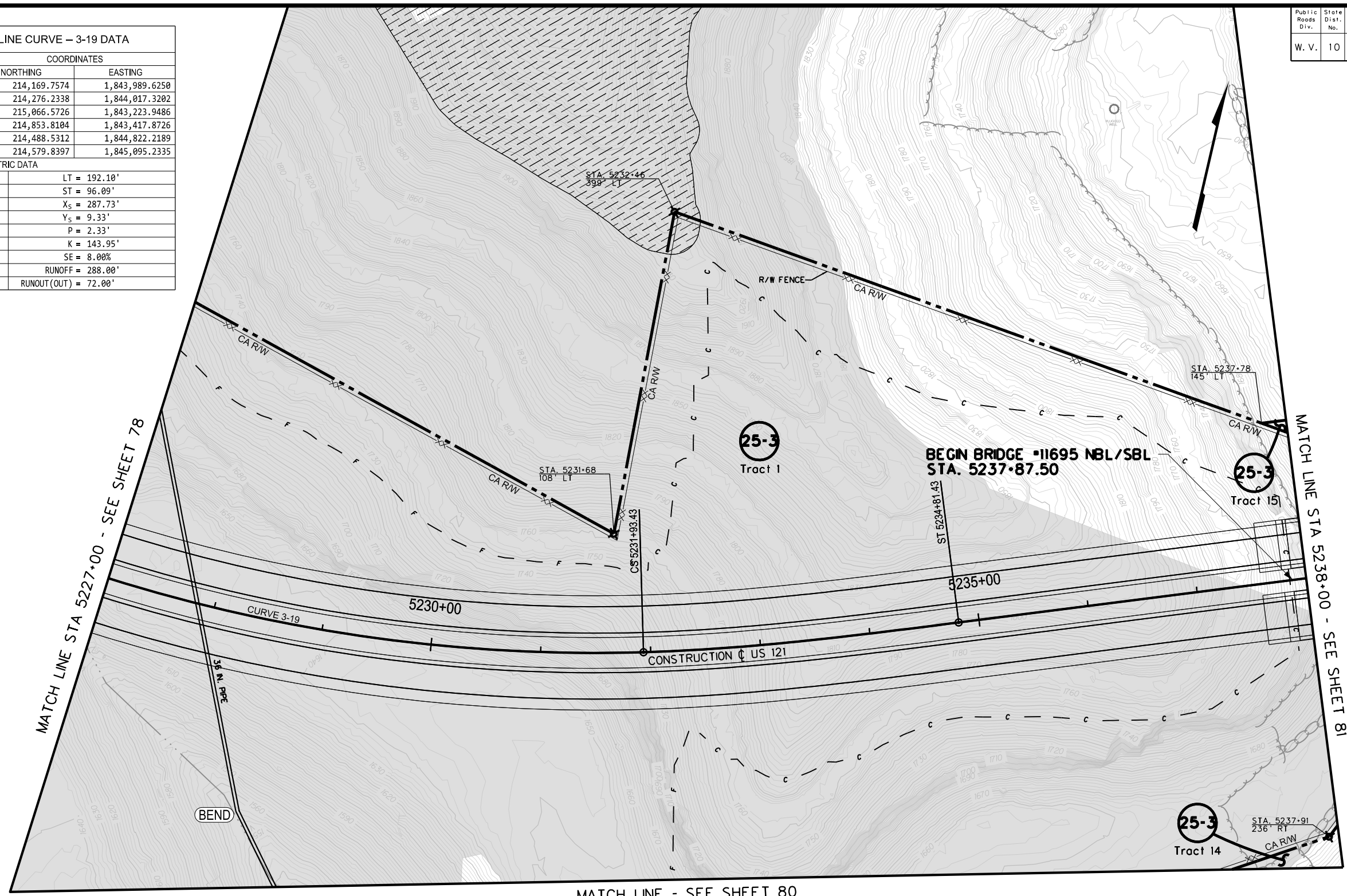
02/28/22

 Whlman, Requardt & Associates, LLP <small>300 Summers Street, Suite 610, Charleston, WV 25301</small>	 CHARLESTON, WEST VIRGINIA	THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS RIGHT OF WAY PLAN SHEET			
		SCALE : 0 50 ft.	REVISION NUMBER SHEET NUMBER	REVISION DATE	BY

28-Apr-2022 08:51 PM

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	79	209

COALFIELDS – MAINLINE CURVE – 3-19 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5225+68.08	214,169.7574	1,843,989.6250
CPI STA. = 5225+09.29	214,276.2338	1,844,017.3202
SS STA. = 5213+88.87	215,066.5726	1,843,223.9486
SC STA. = 5216+76.87	214,853.8104	1,843,417.8726
CS STA. = 5231+93.43	214,488.5312	1,844,822.2189
ST STA. = 5234+81.43	214,579.8397	1,845,095.2335
GEOMETRIC DATA		
$\Delta = 69^{\circ}51'38.06''$ LT	LT = 192.10'	
$\Delta_c = 58^{\circ}42'40.04''$ LT	ST = 96.09'	
$D_c = 3^{\circ}52'16.81''$	$X_s = 287.73'$	
$R = 1,480.00'$	$Y_s = 9.33'$	
$\phi_s = 5^{\circ}34'29.01''$ LT	$P = 2.33'$	
$L_s = 288.00'$	$K = 143.95'$	
$T = 1,179.21'$	$SE = 8.00\%$	
$L = 1,516.56'$	$RUNOFF = 288.00'$	
$E_s = 218.04'$	$RUNOUT(OUT) = 72.00'$	



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0
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R/W-3 02/28/22

WYOMING EAGLE, LLC PERMIT AREAS (PERMIT S501019)
 WYOMING EAGLE, LLC HIGHWALL/AUGER MINING AREA

WRA
 Whitman, Requardt & Associates, LLP
 300 Summers Street, Suite 610, Charleston, WV 25301
TRC
 CHARLESTON, WEST VIRGINIA

SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
**RIGHT OF WAY
 PLAN SHEET**

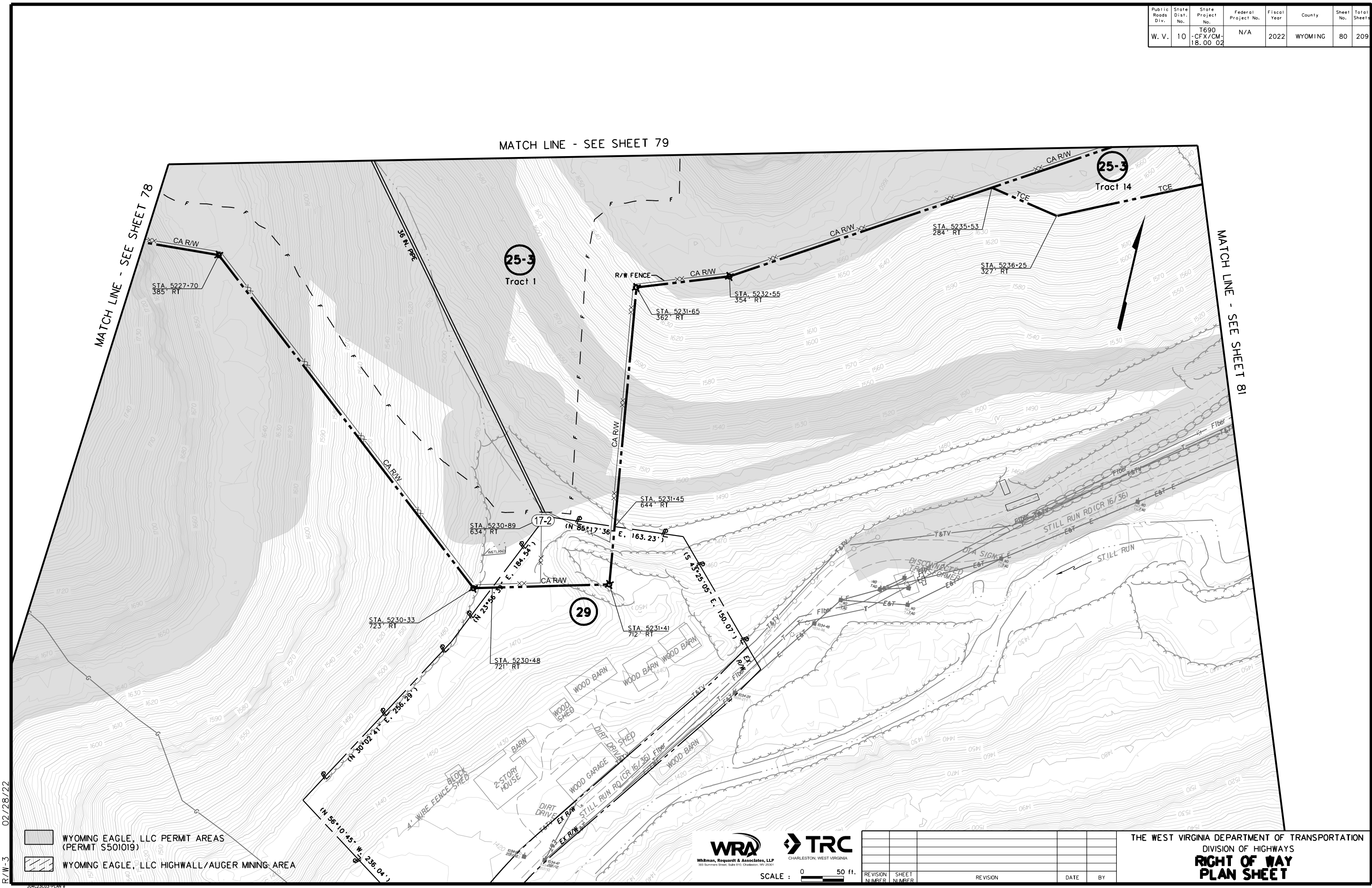
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Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	80	209

MATCH LINE - SEE SHEET 79

MATCH LINE - SEE SHEET 78

MATCH LINE - SEE SHEET 81



WYOMING EAGLE, LLC PERMIT AREAS (PERMIT S501019)
 WYOMING EAGLE, LLC HIGHWALL/AUGER MINING AREA



SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
RIGHT OF WAY PLAN SHEET

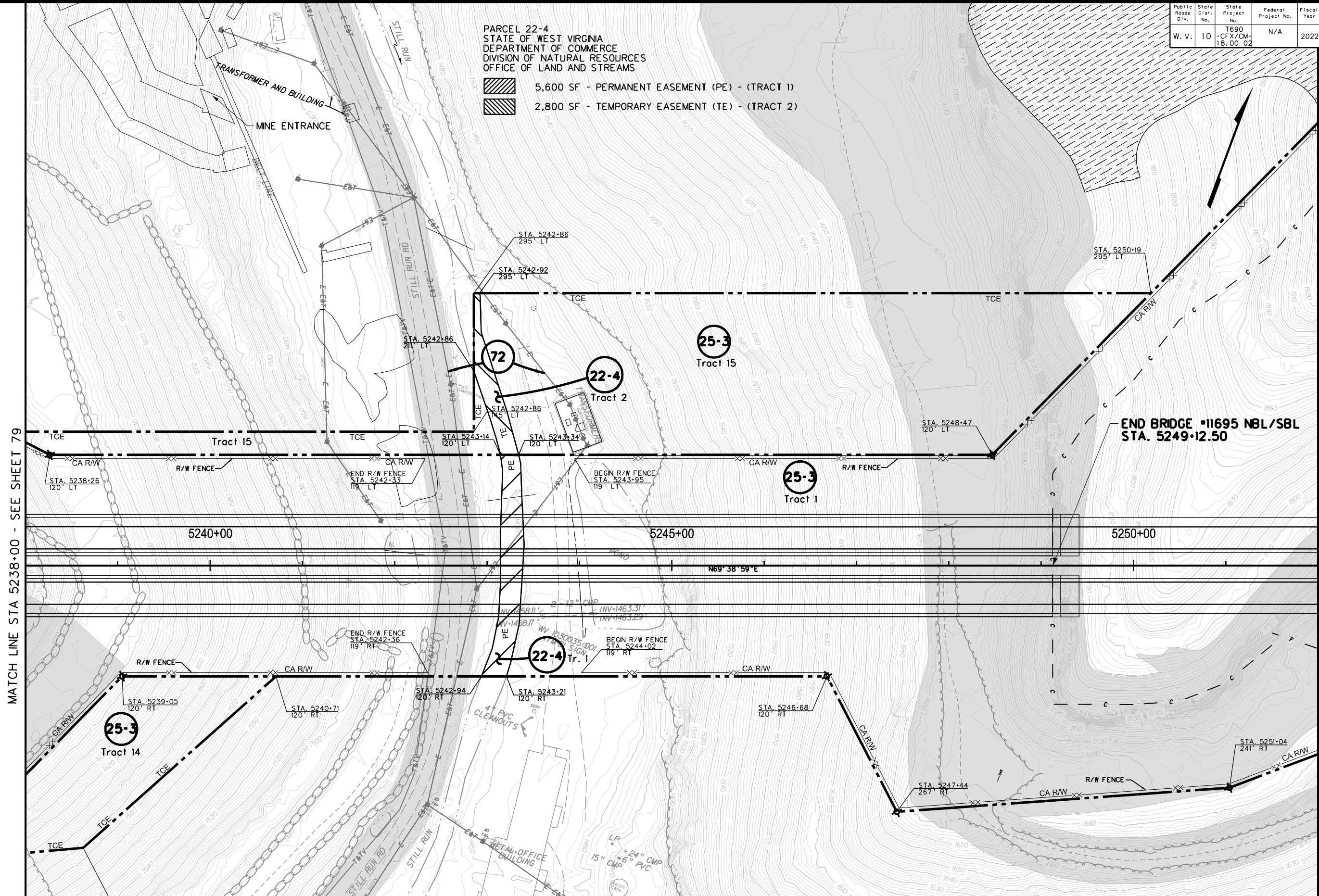
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Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	81	209

PARCEL 22-4
STATE OF WEST VIRGINIA
DEPARTMENT OF COMMERCE
DIVISION OF NATURAL RESOURCES
OFFICE OF LAND AND STREAMS


-  5,602 SF - PERMANENT EASEMENT (PE) - (TRACT 1)
-  2,800 SF - TEMPORARY EASEMENT (TE) - (TRACT 2)




MATCH LINE STA 5238+00 - SEE SHEET 79

MATCH LINE - SEE SHEET 83

MATCH LINE STA 5252+00 - SEE SHEET 82

 WYOMING EAGLE, LLC PERMIT AREAS (PERMITS S501019 & S500420)

 WYOMING EAGLE, LLC HIGHWALL/AUGER-MINING AREA



Whitman, Reardon & Associates, LLP
300 Summers Street, Suite 610, Charleston, WV 25301



CHARLESTON, WEST VIRGINIA

SCALE : 0 50 ft.

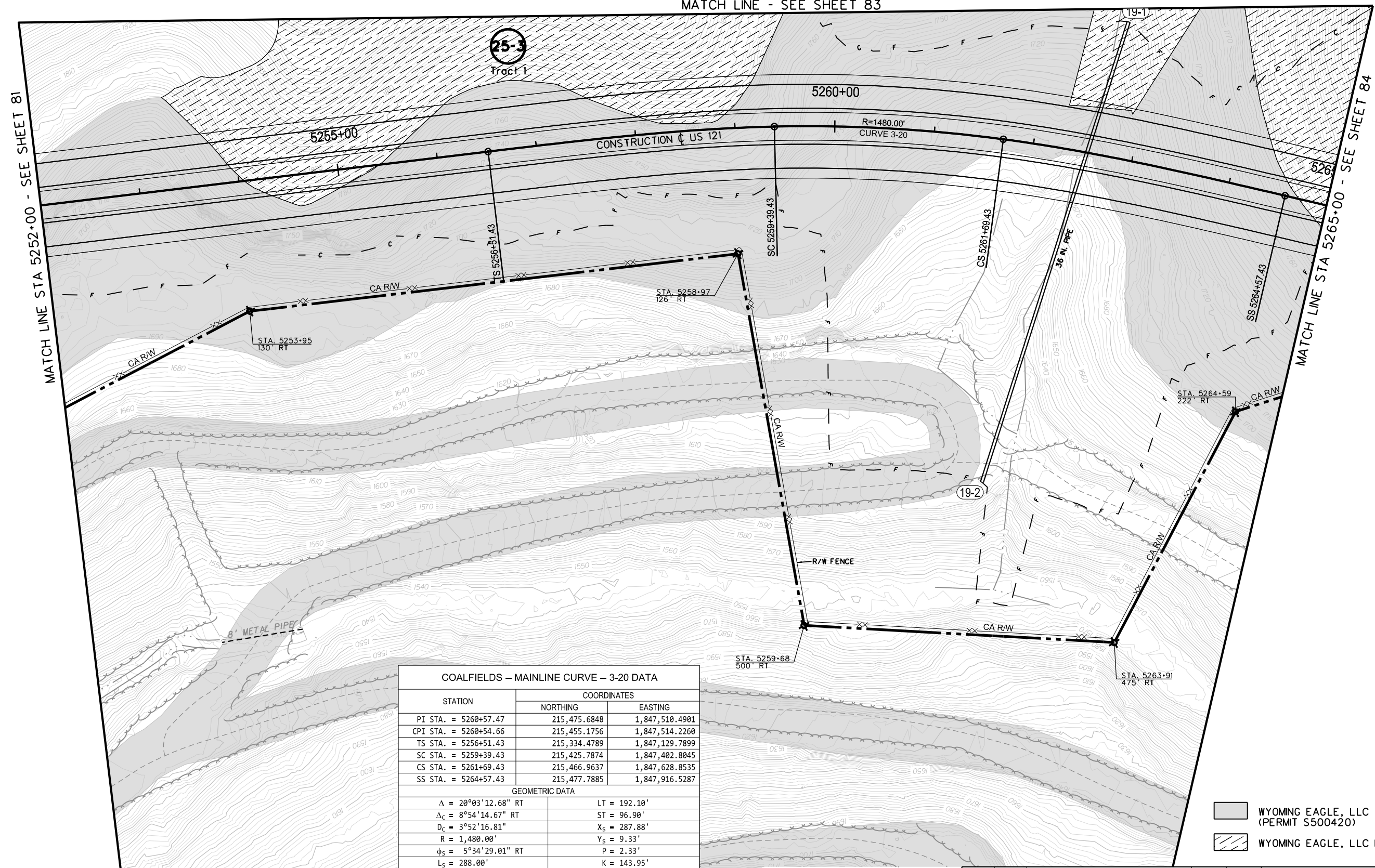
REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**RIGHT OF WAY
PLAN SHEET**

R/W-3 02/28/22

28-APR-2022 08:51 PM

MATCH LINE - SEE SHEET 83



COALFIELDS - MAINLINE CURVE - 3-20 DATA

STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5260+57.47	215,475.6848	1,847,510.4901
CPI STA. = 5260+54.66	215,455.1756	1,847,514.2260
TS STA. = 5256+51.43	215,334.4789	1,847,129.7899
SC STA. = 5259+39.43	215,425.7874	1,847,402.8045
CS STA. = 5261+69.43	215,466.9637	1,847,628.8535
SS STA. = 5264+57.43	215,477.7885	1,847,916.5287

GEOMETRIC DATA	
$\Delta = 20^{\circ}03'12.68''$ RT	LT = 192.10'
$\Delta_c = 8^{\circ}54'14.67''$ RT	ST = 96.90'
$D_c = 3^{\circ}52'16.81''$	$X_s = 287.88'$
R = 1,480.00'	$Y_s = 9.33'$
$\phi_s = 5^{\circ}34'29.01''$ RT	P = 2.33'
$L_s = 288.00'$	K = 143.95'
T = 406.04'	SE = 8.00%
L = 230.00'	RUNOFF = 288.00'
$E_s = 4.48'$	RUNOUT(IN) = 72.00'

WYOMING EAGLE, LLC PERMIT AREAS (PERMIT S500420)
 WYOMING EAGLE, LLC HIGHWALL/AUGER MINING AREA



SCALE : 0 50 ft.

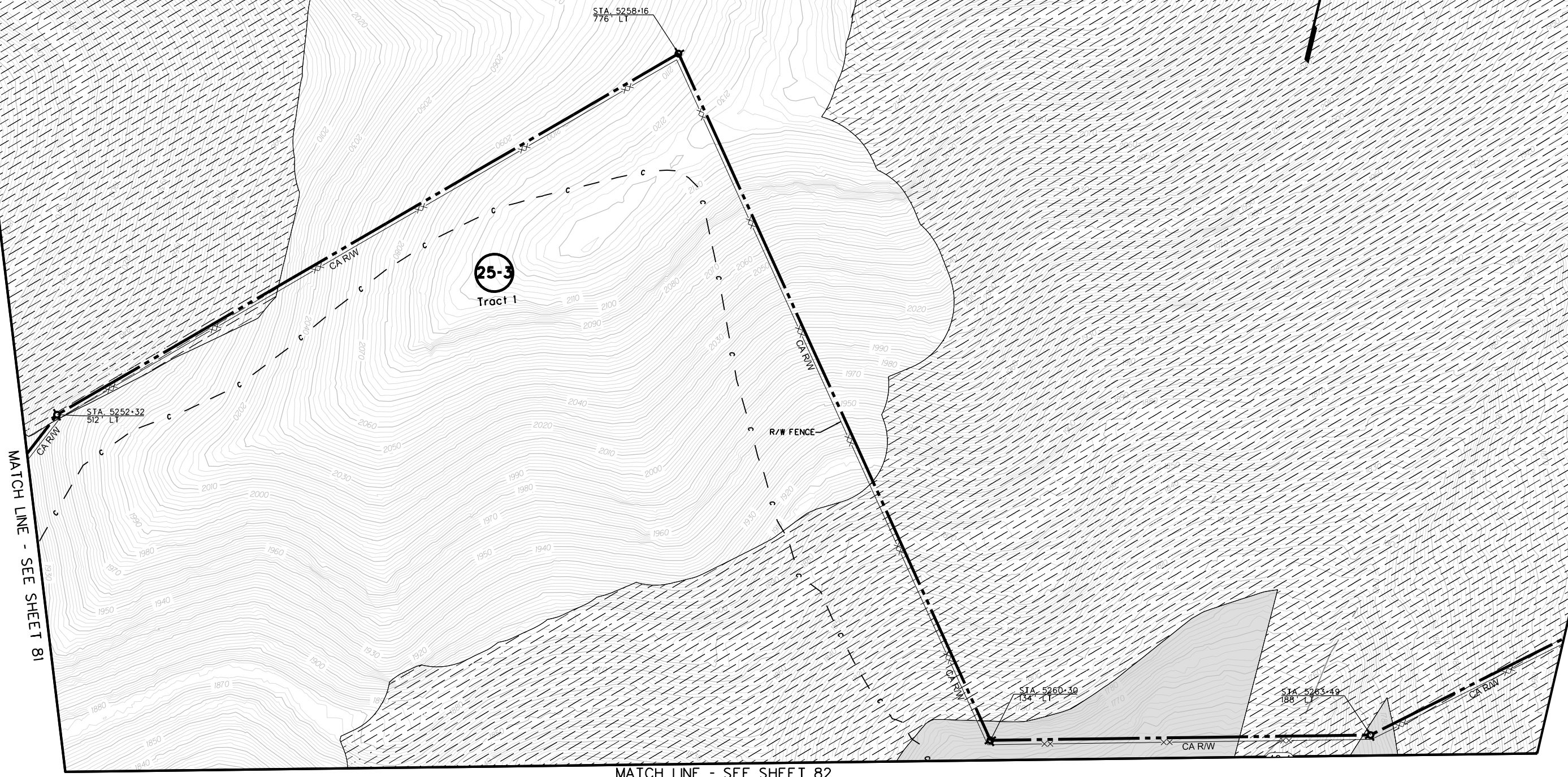
REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
**RIGHT OF WAY
 PLAN SHEET**

R/W-3 02/28/22

28-MAY-2022 08:51:49

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM- 18.00 02	N/A	2022	WYOMING	83	209



MATCH LINE - SEE SHEET 81

MATCH LINE - SEE SHEET 85

MATCH LINE - SEE SHEET 82

- WYOMING EAGLE, LLC PERMIT AREAS (PERMIT S500420)
- WYOMING EAGLE, LLC HIGHWALL/AUGER MINING AREA



SCALE : 0 50 ft.



REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**RIGHT OF WAY
PLAN SHEET**

R/W-3 02/28/22

28-Apr-2022 10:37:54 AM

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	84	209

-  WYOMING EAGLE, LLC PERMIT AREAS (PERMIT S500420)
-  WYOMING EAGLE, LLC HIGHWALL/AUGER MINING AREA

MATCH LINE - SEE SHEET 85

MATCH LINE STA 5265+00 - SEE SHEET 82

MATCH LINE STA 5277+00 - SEE SHEET 86

COALFIELDS - MAINLINE CURVE - 3-21 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5271+77.94	215,481.5214	1,848,637.0303
CPI STA. = 5271+68.85	215,531.1105	1,848,617.4461
SS STA. = 5264+57.43	215,477.7885	1,847,916.5287
SC STA. = 5267+45.43	215,488.6133	1,848,204.2040
CS STA. = 5275+55.43	215,782.4437	1,848,948.2129
SS STA. = 5278+43.43	215,971.1045	1,849,165.6557
GEOMETRIC DATA		
$\Delta = 42^{\circ}30'26.19"$ LT	LT = 192.10'	ST = 96.90'
$\Delta_c = 31^{\circ}21'28.17"$ LT	$X_s = 287.73'$	$Y_s = 9.33'$
$D_c = 3^{\circ}52'16.81"$	$P = 2.33'$	$K = 143.95'$
$R = 1,480.00'$	$SE = 8.00\%$	$RUNOFF = 288.00'$
$\phi_s = 5^{\circ}34'29.01"$ LT		
$L_s = 288.00'$		
$T = 720.51'$		
$L = 810.00'$		
$E_s = 57.20'$		

WRA **TRC**
 Whlman, Requardt & Associates, LLP
 300 Summers Street, Suite 610, Charleston, WV 25301
 CHARLESTON, WEST VIRGINIA

SCALE : 0 50 ft.

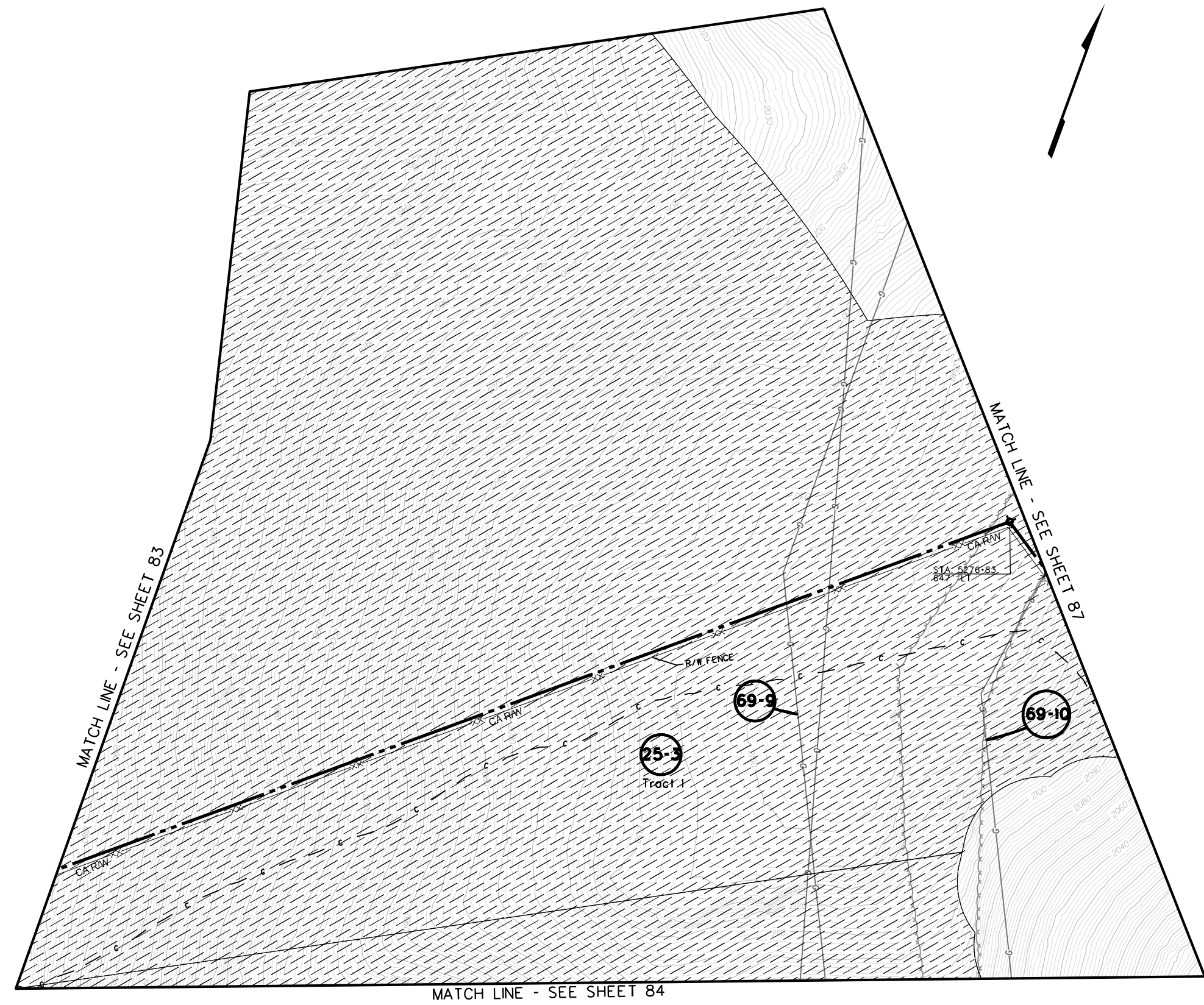
REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
**RIGHT OF WAY
 PLAN SHEET**

R/W-3 02/28/22

28-MAY-2022 10:37:54 AM

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheets
W. V.	10	T690-CFX/CM-18.00.02	N/A	2022	WYOMING	85	209



02/28/22
R/W-3

WYOMING EAGLE, LLC PERMIT AREAS (PERMIT S500420)
 WYOMING EAGLE, LLC HIGHWALL/AUGER MINING AREA

Whitman, Reardon & Associates, LLP CHARLESTON, WEST VIRGINIA
300 Summers Street, Suite 810, Charleston, WV 25301

SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
**RIGHT OF WAY
 PLAN SHEET**

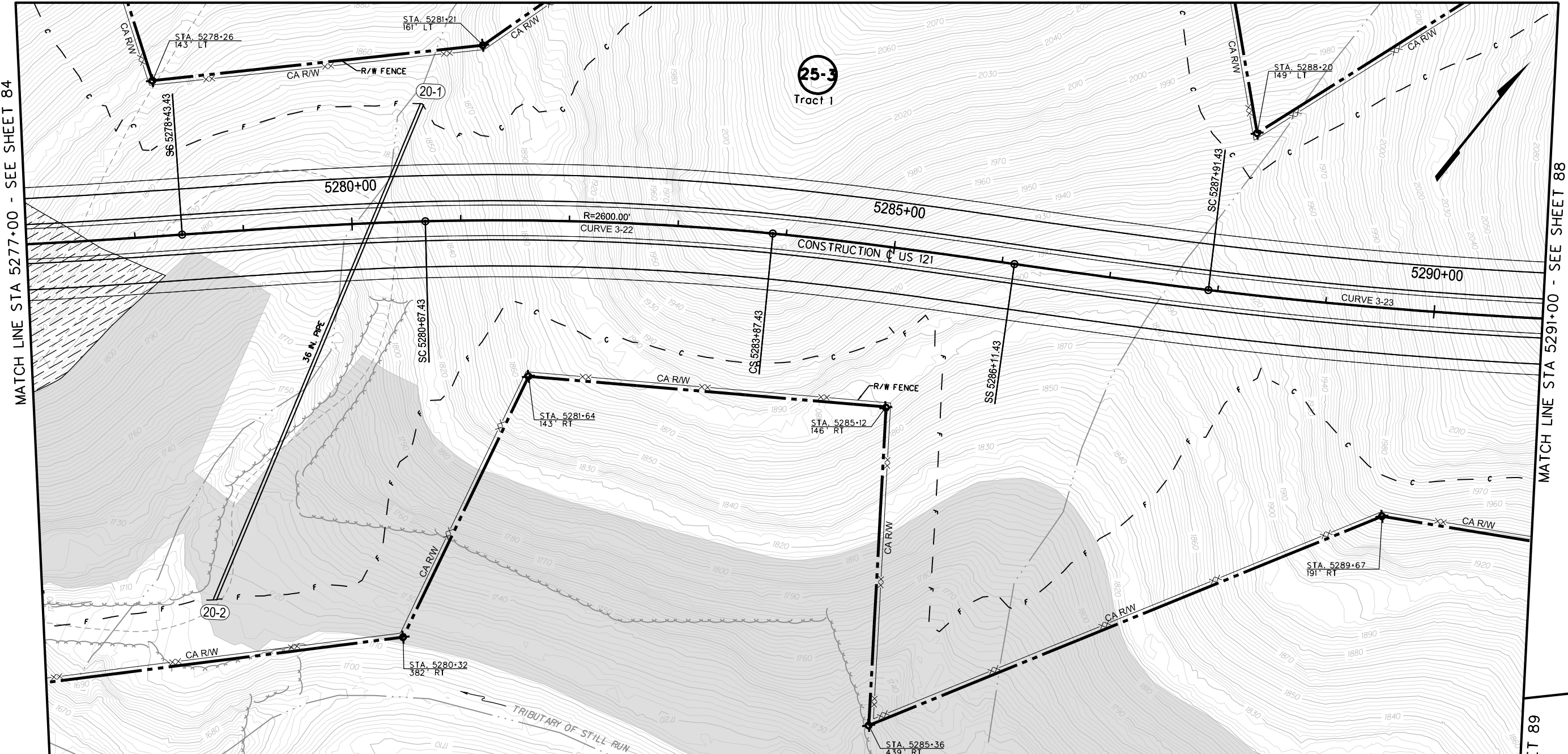
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MATCH LINE - SEE SHEET 87

MATCH LINE STA 5277+00 - SEE SHEET 84

MATCH LINE STA 5291+00 - SEE SHEET 88

MATCH LINE - SEE SHEET 89



COALFIELDS - MAINLINE CURVE -- 3-22 DATA

STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5282+28.50	216,232.7601	1,849,448.1772
CPI STA. = 5282+27.63	216,224.6173	1,849,454.2710
SS STA. = 5278+43.43	215,971.1045	1,849,165.6557
SC STA. = 5280+67.43	216,120.9234	1,849,332.1549
CS STA. = 5283+87.43	216,312.5351	1,849,588.1935
SS STA. = 5286+11.43	216,430.0274	1,849,778.8852
GEOMETRIC DATA		
$\Delta = 11^{\circ}59'16.94''$ RT	LT = 149.35'	
$\Delta_c = 7^{\circ}03'06.44''$ RT	ST = 74.68'	
$D_c = 2^{\circ}12'13.26''$	$X_s = 223.96'$	
R = 2,600.00'	$Y_s = 3.22'$	
$\phi_s = 2^{\circ}28'05.25''$ RT	P = 0.80'	
$L_s = 224.00'$	K = 111.99'	
T = 385.07'	SE = 6.20%	
L = 320.00'	RUNOFF = 224.00'	
$E_s = 4.93'$		

COALFIELDS - MAINLINE CURVE -- 3-23 DATA

STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5297+66.69	217,021.8507	1,850,771.0448
CPI STA. = 5297+61.91	217,037.1928	1,850,756.0848
SS STA. = 5286+11.43	216,430.0274	1,849,778.8852
SC STA. = 5287+91.43	216,523.2768	1,849,932.8441
CS STA. = 5307+02.47	217,847.2146	1,851,290.5934
SS STA. = 5308+82.47	217,998.7735	1,851,387.6950
GEOMETRIC DATA		
$\Delta = 26^{\circ}55'23.19''$ LT	LT = 120.00'	
$\Delta_c = 24^{\circ}36'19.90''$ LT	ST = 60.00'	
$D_c = 1^{\circ}17'15.16''$	$X_s = 179.99'$	
R = 4,450.00'	$Y_s = 1.21'$	
$\phi_s = 1^{\circ}09'31.65''$ LT	P = 0.30'	
$L_s = 180.00'$	K = 90.00'	
T = 1,155.26'	SE = 4.00%	
L = 1,911.04'	RUNOFF = 180.00'	
$E_s = 104.59'$		

WYOMING EAGLE, LLC PERMIT AREAS (PERMIT S500420)
 WYOMING EAGLE, LLC HIGHWALL/AUGER MINING AREA

R/W-3 02/28/22

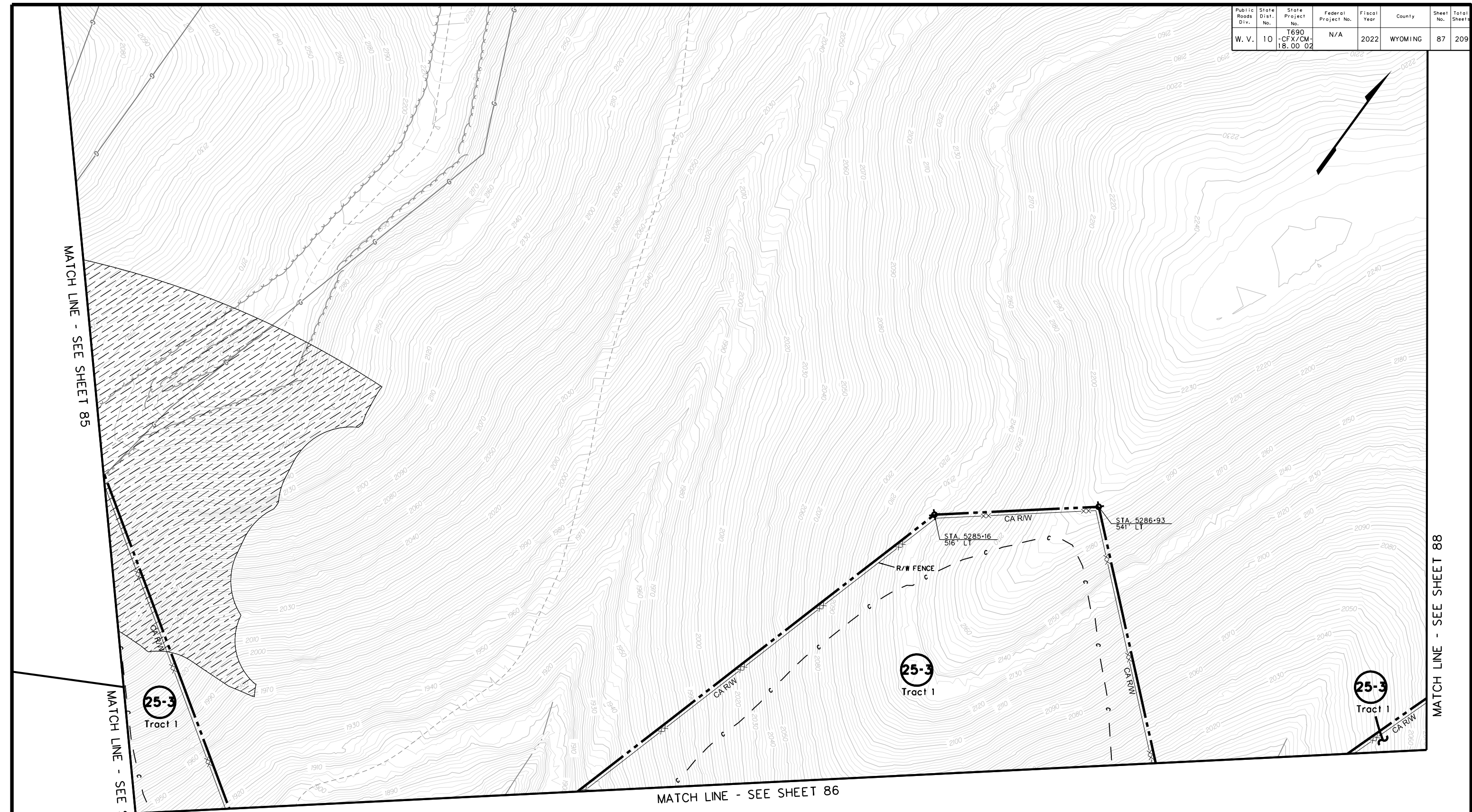


SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
**RIGHT OF WAY
 PLAN SHEET**

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	87	209



MATCH LINE - SEE SHEET 85

MATCH LINE - SEE SHEET 88

MATCH LINE - SEE SHEET 84

MATCH LINE - SEE SHEET 86

25-3
Tract 1

25-3
Tract 1

25-3
Tract 1

- WYOMING EAGLE, LLC PERMIT AREAS (PERMIT S500420)
- WYOMING EAGLE, LLC HIGHWALL/AUGER MINING AREA



WRA
Whitman, Reardon & Associates, LLP
300 Summers Street, Suite 610, Charleston, WV 25301



TRC
CHARLESTON, WEST VIRGINIA

SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**RIGHT OF WAY
PLAN SHEET**

R/W-3 02/28/22

28-Apr-2022 08:37 PM

COALFIELDS – MAINLINE CURVE -- 3-23 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5297+66.69	217,021.8507	1,850,771.0448
CPI STA. = 5297+61.91	217,037.1928	1,850,756.0848
SS STA. = 5286+11.43	216,430.0274	1,849,778.8852
SC STA. = 5287+91.43	216,523.2768	1,849,932.8441
CS STA. = 5307+02.47	217,847.2146	1,851,290.5934
SS STA. = 5308+82.47	217,998.7735	1,851,387.6950
GEOMETRIC DATA		
$\Delta = 26^{\circ}55'23.19"$ LT	LT = 120.00'	
$\Delta_c = 24^{\circ}36'19.90"$ LT	ST = 60.00'	
$D_c = 1^{\circ}17'15.16"$	$X_S = 179.99'$	
$R = 4,450.00'$	$Y_S = 1.21'$	
$\phi_S = 1^{\circ}09'31.65"$ LT	P = 0.30'	
$L_S = 180.00'$	K = 90.00'	
T = 1,155.26'	SE = 4.00%	
L = 1,911.04'	RUNOFF = 180.00'	
$E_S = 104.59'$		

25-3
Tract 1

REC. LLC U-4008-01
STILL RUN MINE NO. 11

21-1

STA. 5303+34
131' LT

STA. 5298+47
149' LT

STA. 5303+68
147' RT

STA. 5293+99
252' RT

STA. 5297+37
162' RT



MATCH LINE - SEE SHEET 87

MATCH LINE STA 5291+00 - SEE SHEET 86

MATCH LINE STA 5305+00 - SEE SHEET 90

MATCH LINE - SEE SHEET 91

MATCH LINE - SEE SHEET 89

 WYOMING EAGLE, LLC PERMIT AREAS (PERMIT S500420)
 WYOMING EAGLE, LLC HIGHWALL/AUGER MINING AREA

 
 Whlman, Requardt & Associates, LLP
 300 Summers Street, Suite 610, Charleston, WV 25301
 CHARLESTON, WEST VIRGINIA

SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
**RIGHT OF WAY
 PLAN SHEET**

R/W-3 02/28/22

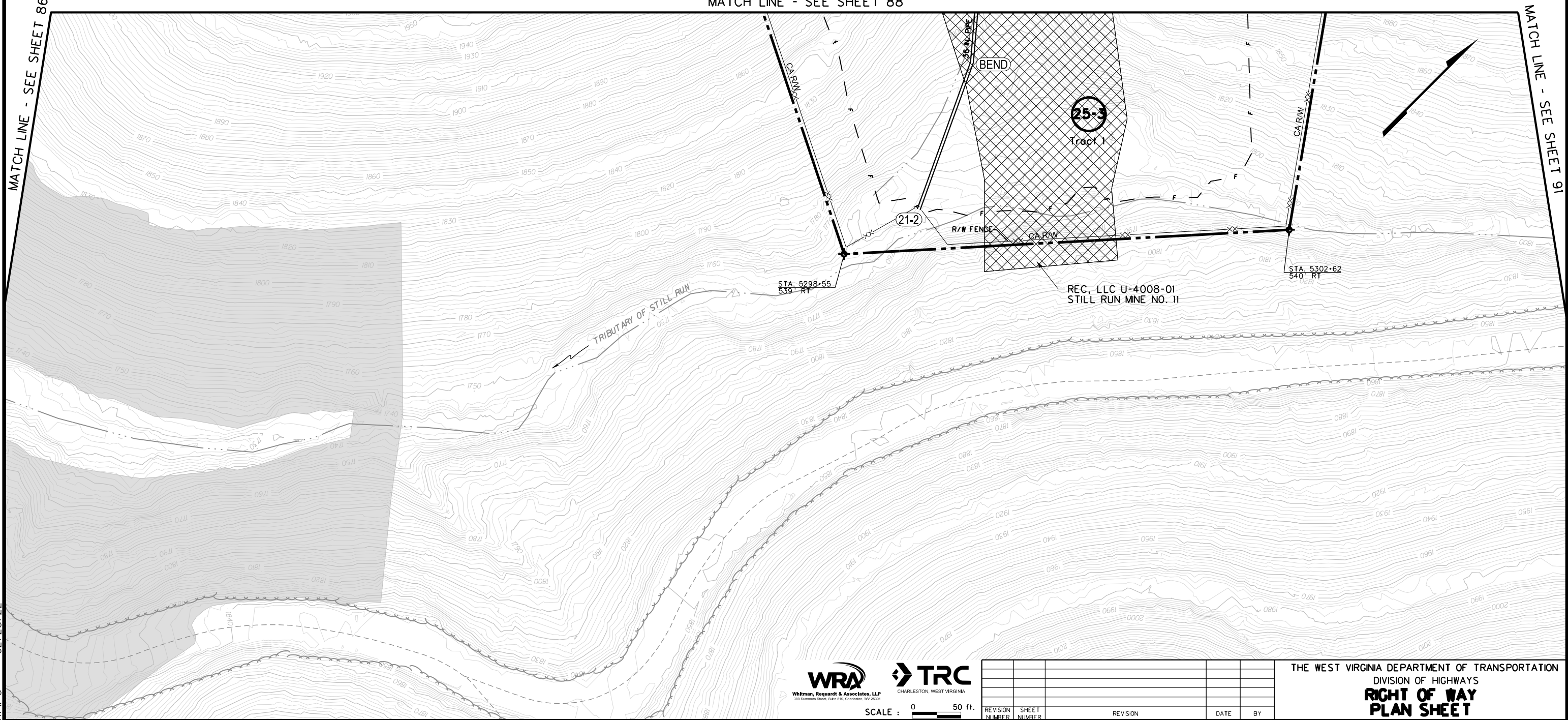
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Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	89	209

MATCH LINE - SEE SHEET 88

MATCH LINE - SEE SHEET 86

MATCH LINE - SEE SHEET 91



R/W-3 02/28/22



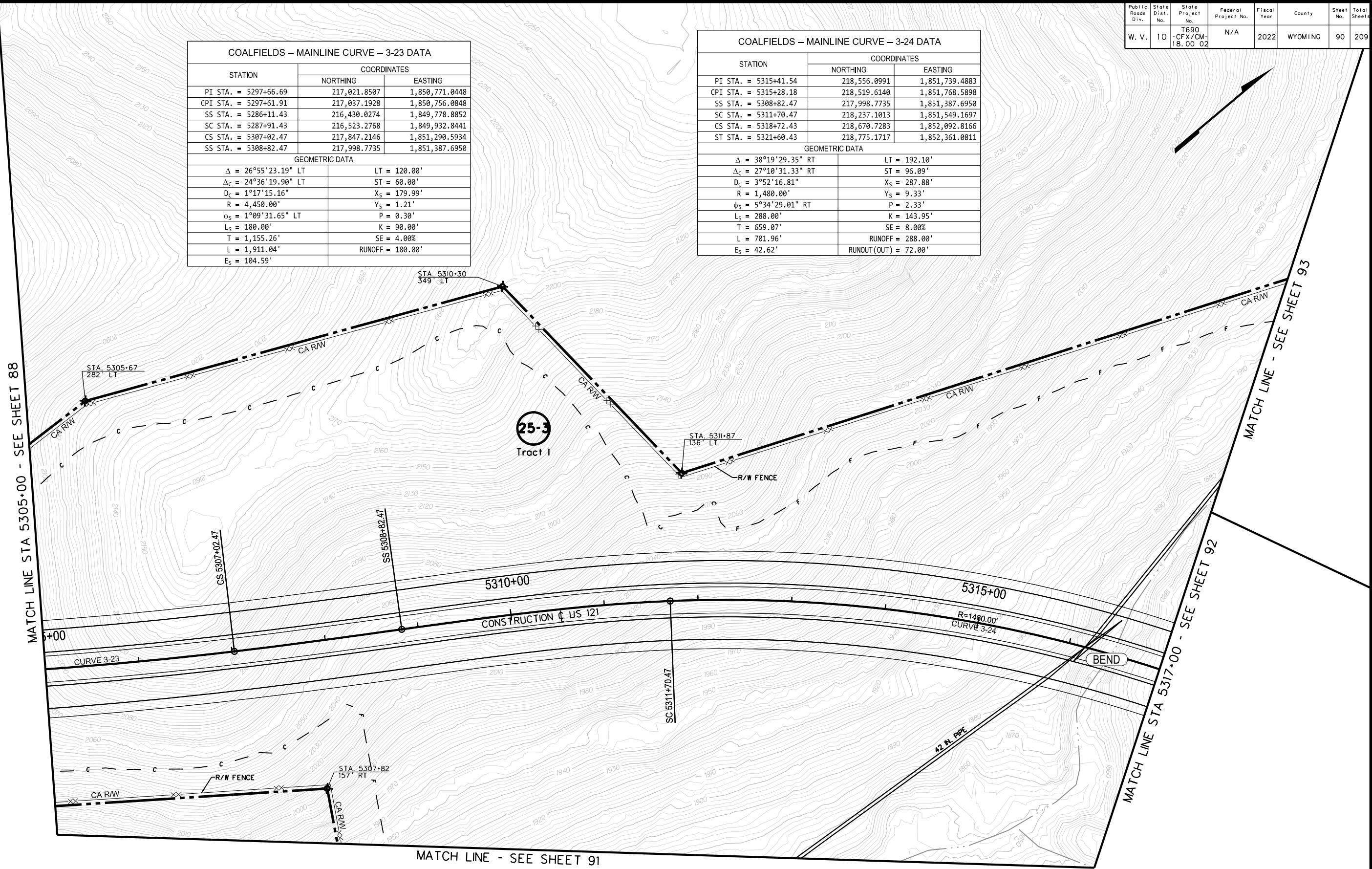
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REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
**RIGHT OF WAY
 PLAN SHEET**

COALFIELDS - MAINLINE CURVE - 3-23 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5297+66.69	217,021.8507	1,850,771.0448
CPI STA. = 5297+61.91	217,037.1928	1,850,756.0848
SS STA. = 5286+11.43	216,430.0274	1,849,778.8852
SC STA. = 5287+91.43	216,523.2768	1,849,932.8441
CS STA. = 5307+02.47	217,847.2146	1,851,290.5934
SS STA. = 5308+82.47	217,998.7735	1,851,387.6950
GEOMETRIC DATA		
$\Delta = 26^{\circ}55'23.19"$ LT	LT = 120.00'	
$\Delta_c = 24^{\circ}36'19.90"$ LT	ST = 60.00'	
$D_c = 1^{\circ}17'15.16"$	$X_s = 179.99'$	
$R = 4,450.00'$	$Y_s = 1.21'$	
$\phi_s = 1^{\circ}09'31.65"$ LT	$P = 0.30'$	
$L_s = 180.00'$	$K = 90.00'$	
$T = 1,155.26'$	$SE = 4.00\%$	
$L = 1,911.04'$	$RUNOFF = 180.00'$	
$E_s = 104.59'$		

COALFIELDS - MAINLINE CURVE -- 3-24 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5315+41.54	218,556.0991	1,851,739.4883
CPI STA. = 5315+28.18	218,519.6140	1,851,768.5898
SS STA. = 5308+82.47	217,998.7735	1,851,387.6950
SC STA. = 5311+70.47	218,237.1013	1,851,549.1697
CS STA. = 5318+72.43	218,670.7283	1,852,092.8166
ST STA. = 5321+60.43	218,775.1717	1,852,361.0811
GEOMETRIC DATA		
$\Delta = 38^{\circ}19'29.35"$ RT	LT = 192.10'	
$\Delta_c = 27^{\circ}10'31.33"$ RT	ST = 96.09'	
$D_c = 3^{\circ}52'16.81"$	$X_s = 287.88'$	
$R = 1,480.00'$	$Y_s = 9.33'$	
$\phi_s = 5^{\circ}34'29.01"$ RT	$P = 2.33'$	
$L_s = 288.00'$	$K = 143.95'$	
$T = 659.07'$	$SE = 8.00\%$	
$L = 701.96'$	$RUNOFF = 288.00'$	
$E_s = 42.62'$	$RUNOUT(OUT) = 72.00'$	



R/W-3 02/28/22



SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**RIGHT OF WAY
PLAN SHEET**

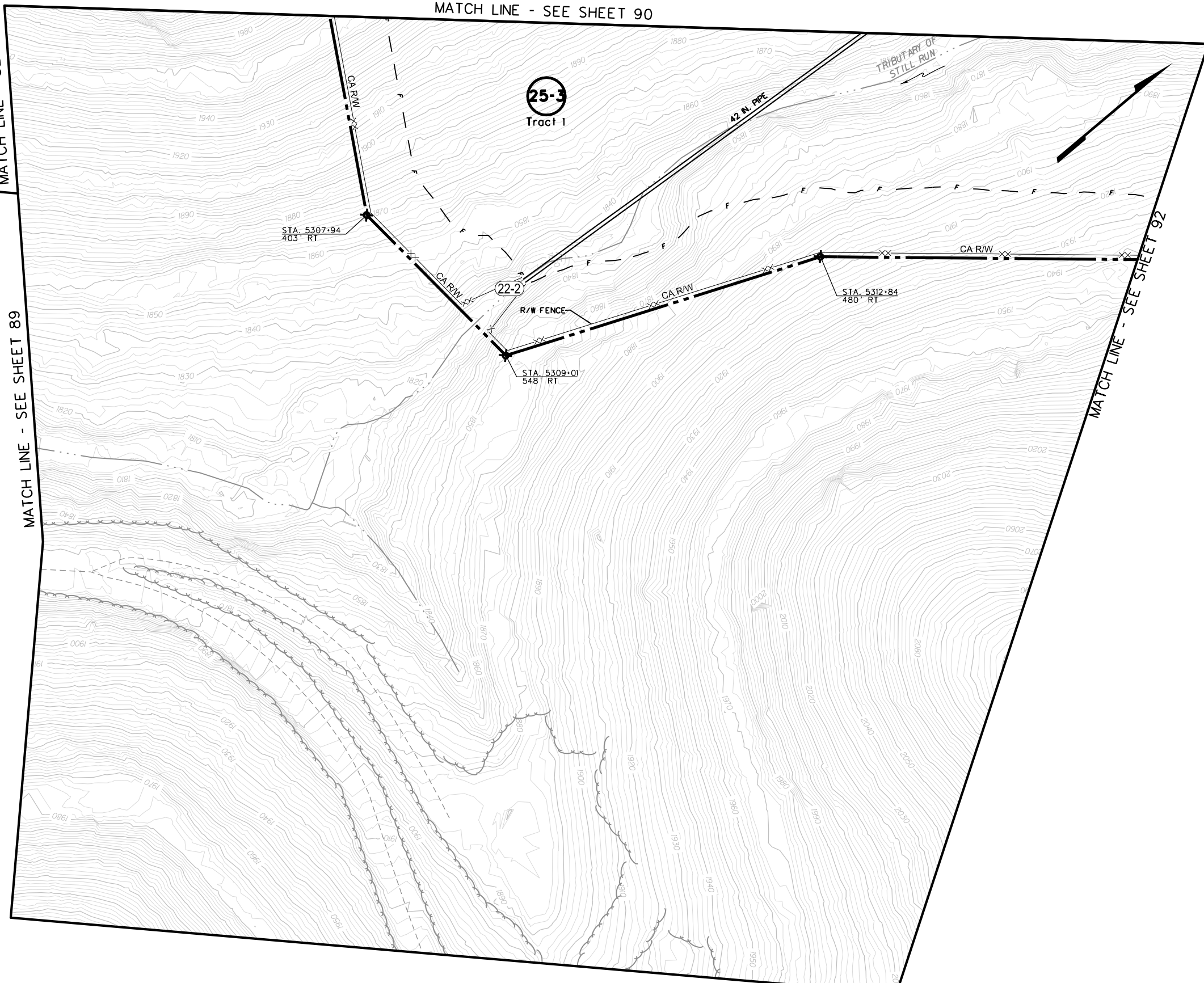
Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 - CFX/CM-18.00 02	N/A	2022	WYOMING	91	209

MATCH LINE - SEE SHEET 88

MATCH LINE - SEE SHEET 90

MATCH LINE - SEE SHEET 89

MATCH LINE - SEE SHEET 92



R/W-3 02/28/22



SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
**RIGHT OF WAY
 PLAN SHEET**

28-MAY-2022 10:35:54 AM

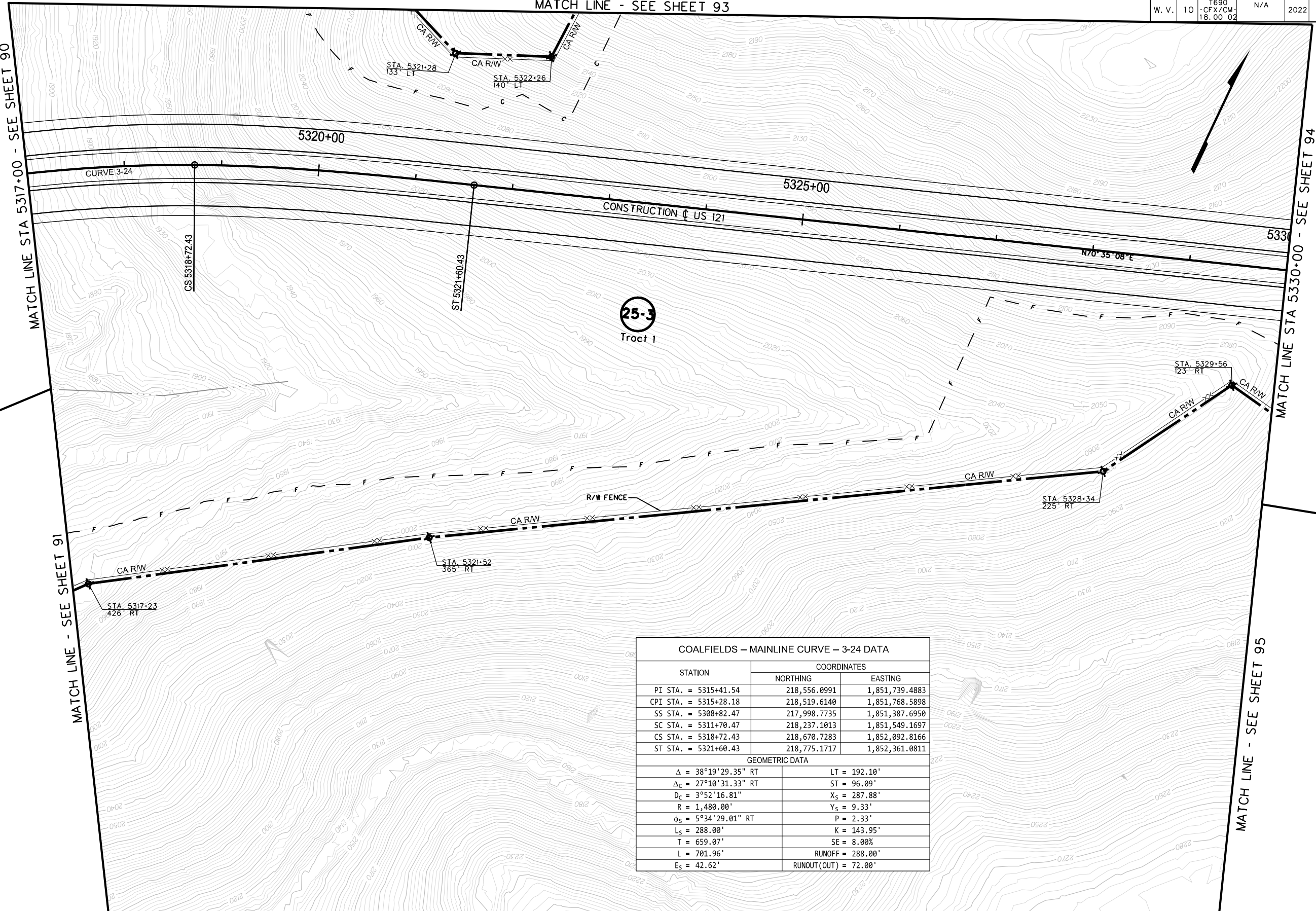
MATCH LINE - SEE SHEET 93

MATCH LINE STA 5317+00 - SEE SHEET 90

MATCH LINE STA 5330+00 - SEE SHEET 94

MATCH LINE - SEE SHEET 91

MATCH LINE - SEE SHEET 95



COALFIELDS - MAINLINE CURVE - 3-24 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5315+41.54	218,556.0991	1,851,739.4883
CPI STA. = 5315+28.18	218,519.6140	1,851,768.5898
SS STA. = 5308+82.47	217,998.7735	1,851,387.6950
SC STA. = 5311+70.47	218,237.1013	1,851,549.1697
CS STA. = 5318+72.43	218,670.7283	1,852,092.8166
ST STA. = 5321+60.43	218,775.1717	1,852,361.0811
GEOMETRIC DATA		
$\Delta = 38^{\circ}19'29.35''$ RT	LT = 192.10'	
$\Delta_c = 27^{\circ}10'31.33''$ RT	ST = 96.09'	
$D_c = 3^{\circ}52'16.81''$	$X_s = 287.88'$	
$R = 1,480.00'$	$Y_s = 9.33'$	
$\phi_s = 5^{\circ}34'29.01''$ RT	$P = 2.33'$	
$L_s = 288.00'$	$K = 143.95'$	
$T = 659.07'$	$SE = 8.00\%$	
$L = 701.96'$	$RUNOFF = 288.00'$	
$E_s = 42.62'$	$RUNOUT(OUT) = 72.00'$	

R/W-3 02/28/22



SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

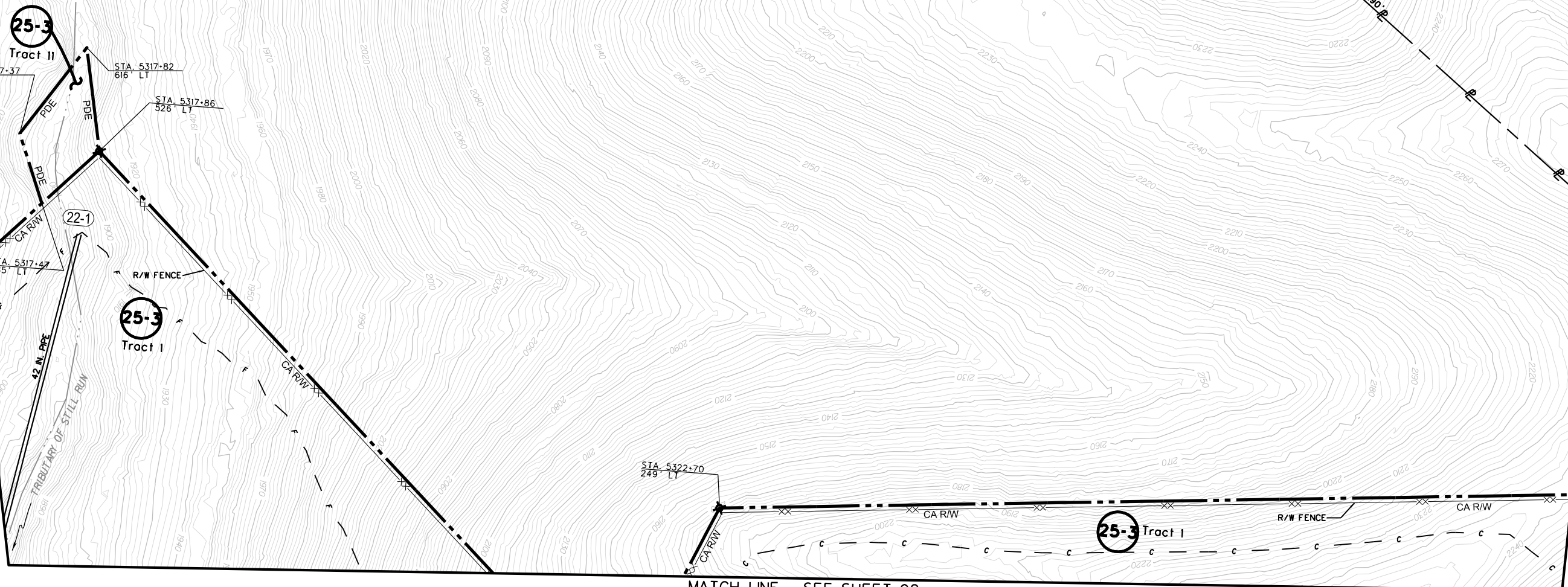
THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**RIGHT OF WAY
PLAN SHEET**

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 - CFX/CM-18.00 02	N/A	2022	WYOMING	93	209

MATCH LINE - SEE SHEET 90

MATCH LINE - SEE SHEET 94

MATCH LINE - SEE SHEET 92



R/W-3 02/28/22

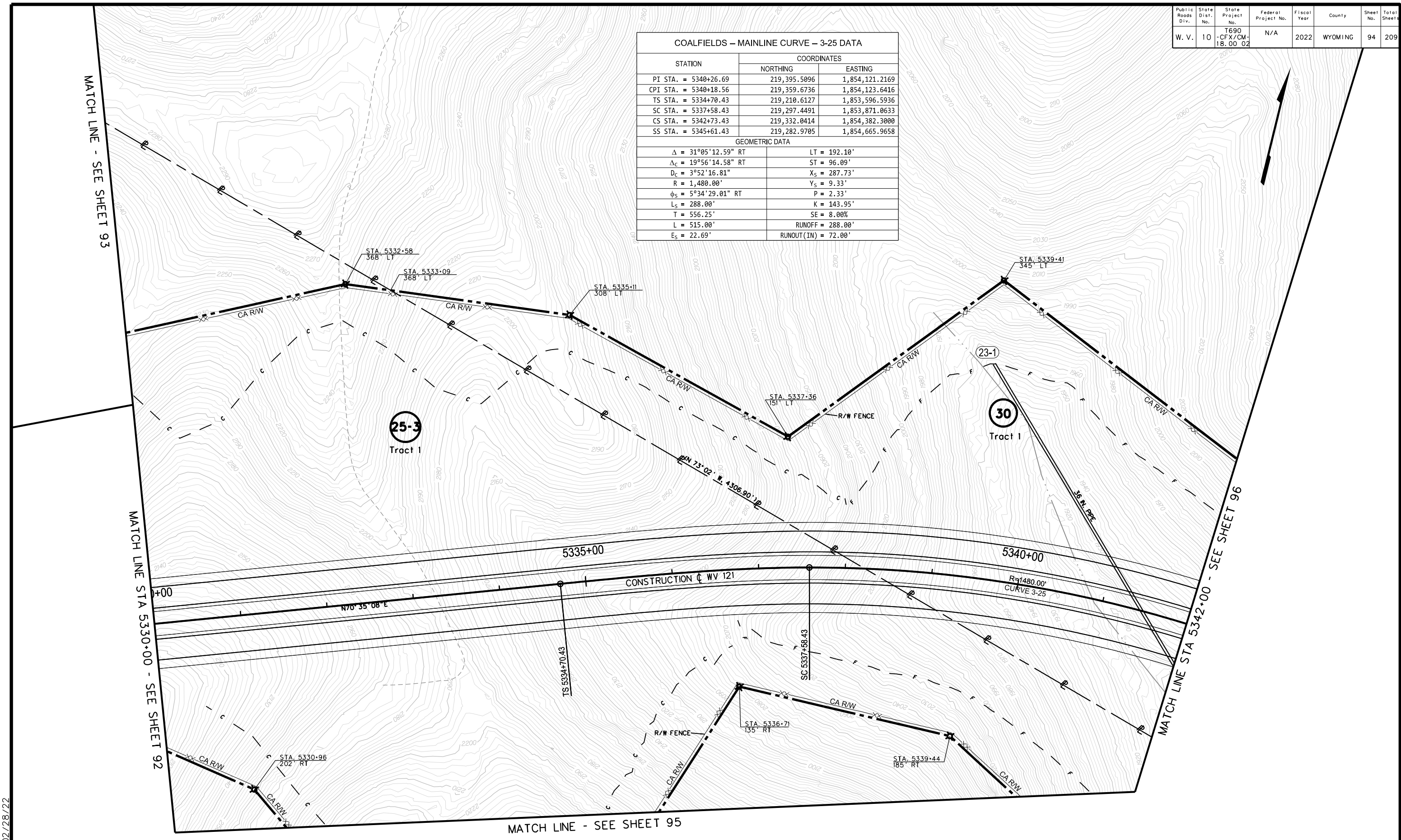


SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
**RIGHT OF WAY
 PLAN SHEET**

COALFIELDS - MAINLINE CURVE - 3-25 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5340+26.69	219,395.5096	1,854,121.2169
CPI STA. = 5340+18.56	219,359.6736	1,854,123.6416
TS STA. = 5334+70.43	219,210.6127	1,853,596.5936
SC STA. = 5337+58.43	219,297.4491	1,853,871.0633
CS STA. = 5342+73.43	219,332.0414	1,854,382.3000
SS STA. = 5345+61.43	219,282.9705	1,854,665.9658
GEOMETRIC DATA		
$\Delta = 31^{\circ}05'12.59''$ RT	LT = 192.10'	
$\Delta_C = 19^{\circ}56'14.58''$ RT	ST = 96.09'	
$D_C = 3^{\circ}52'16.81''$	$X_S = 287.73'$	
$R = 1,480.00'$	$Y_S = 9.33'$	
$\phi_S = 5^{\circ}34'29.01''$ RT	$P = 2.33'$	
$L_S = 288.00'$	$K = 143.95'$	
$T = 556.25'$	$SE = 8.00\%$	
$L = 515.00'$	$RUNOFF = 288.00'$	
$E_S = 22.69'$	$RUNOUT (IN) = 72.00'$	



R/W-3 02/28/22

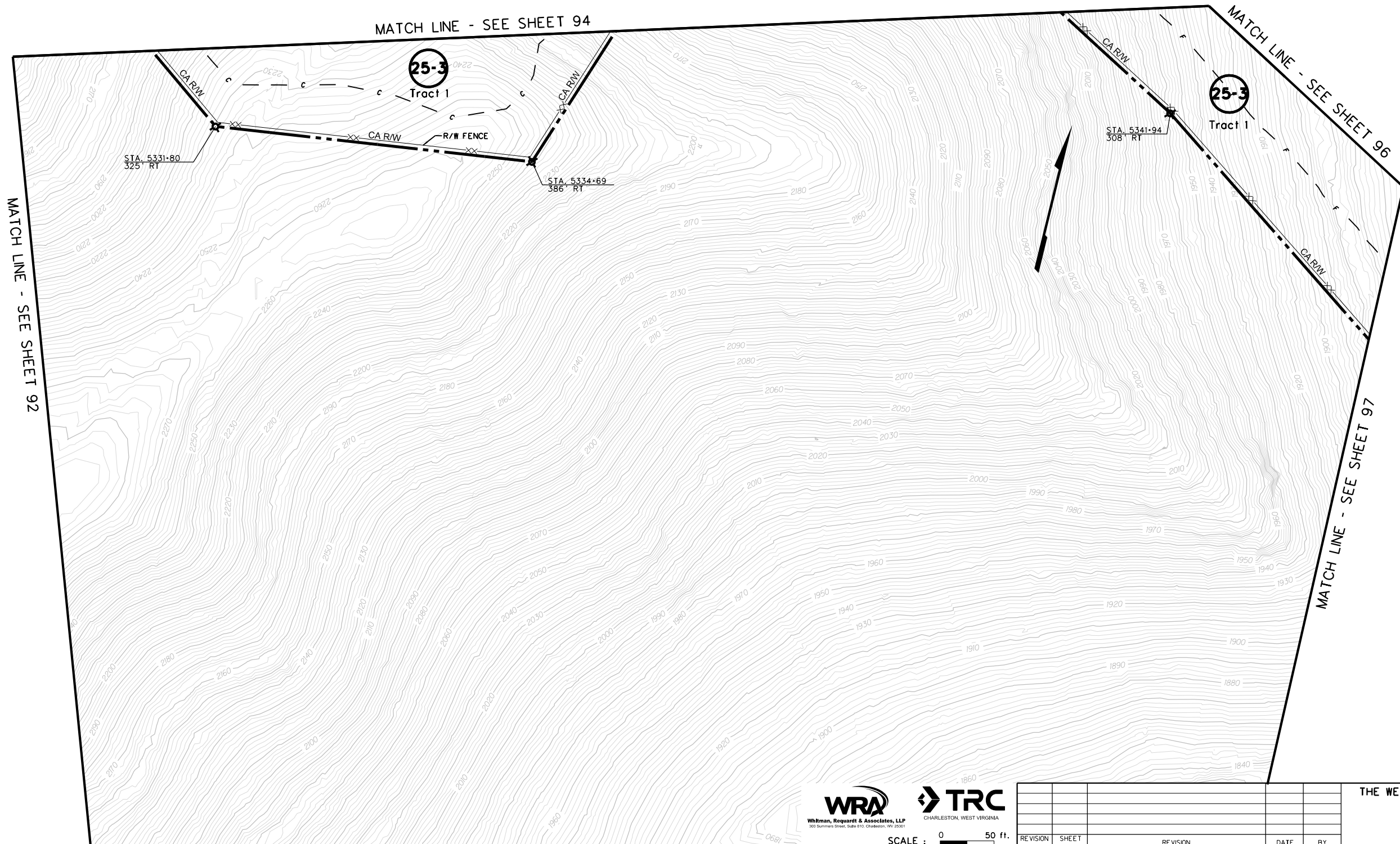


SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
**RIGHT OF WAY
 PLAN SHEET**

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	95	209



R/W-3 02/28/22



SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

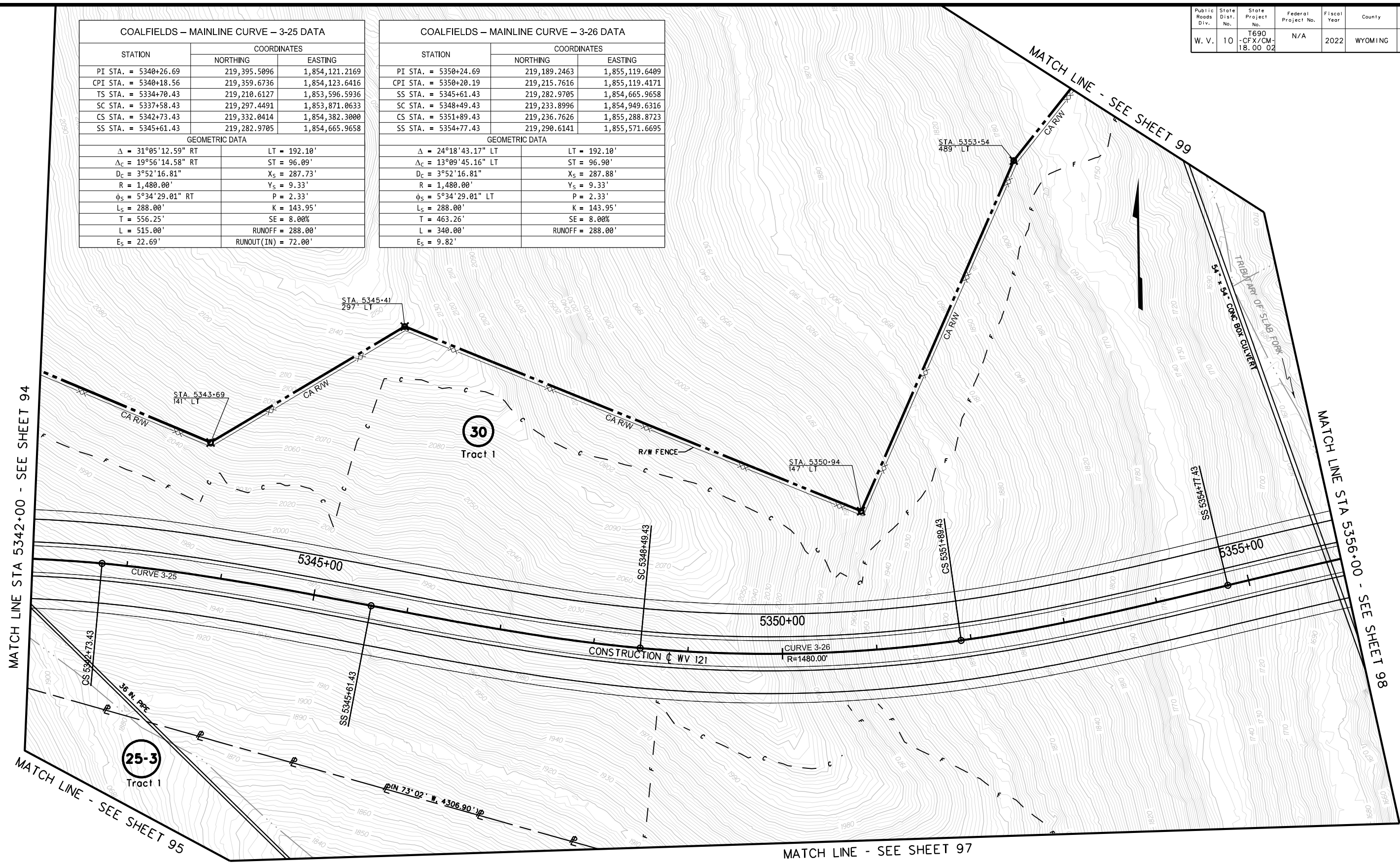
THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
**RIGHT OF WAY
 PLAN SHEET**

28-Apr-2022 10:41 PM

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	96	209

COALFIELDS – MAINLINE CURVE – 3-25 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5340+26.69	219,395.5096	1,854,121.2169
CPI STA. = 5340+18.56	219,359.6736	1,854,123.6416
TS STA. = 5334+70.43	219,210.6127	1,853,596.5936
SC STA. = 5337+58.43	219,297.4491	1,853,871.0633
CS STA. = 5342+73.43	219,332.0414	1,854,382.3000
SS STA. = 5345+61.43	219,282.9705	1,854,665.9658
GEOMETRIC DATA		
$\Delta = 31^{\circ}05'12.59''$ RT	LT = 192.10'	
$\Delta_c = 19^{\circ}56'14.58''$ RT	ST = 96.09'	
$D_c = 3^{\circ}52'16.81''$	$X_s = 287.73'$	
R = 1,480.00'	$Y_s = 9.33'$	
$\phi_s = 5^{\circ}34'29.01''$ RT	P = 2.33'	
$L_s = 288.00'$	K = 143.95'	
T = 556.25'	SE = 8.00%	
L = 515.00'	RUNOFF = 288.00'	
$E_s = 22.69'$	RUNOUT (IN) = 72.00'	

COALFIELDS – MAINLINE CURVE – 3-26 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5350+24.69	219,189.2463	1,855,119.6409
CPI STA. = 5350+20.19	219,215.7616	1,855,119.4171
SS STA. = 5345+61.43	219,282.9705	1,854,665.9658
SC STA. = 5348+49.43	219,233.8996	1,854,949.6316
CS STA. = 5351+89.43	219,236.7626	1,855,288.8723
SS STA. = 5354+77.43	219,290.6141	1,855,571.6695
GEOMETRIC DATA		
$\Delta = 24^{\circ}18'43.17''$ LT	LT = 192.10'	
$\Delta_c = 13^{\circ}09'45.16''$ LT	ST = 96.90'	
$D_c = 3^{\circ}52'16.81''$	$X_s = 287.88'$	
R = 1,480.00'	$Y_s = 9.33'$	
$\phi_s = 5^{\circ}34'29.01''$ LT	P = 2.33'	
$L_s = 288.00'$	K = 143.95'	
T = 463.26'	SE = 8.00%	
L = 340.00'	RUNOFF = 288.00'	
$E_s = 9.82'$		



R/W-3 02/28/22



SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**RIGHT OF WAY
PLAN SHEET**

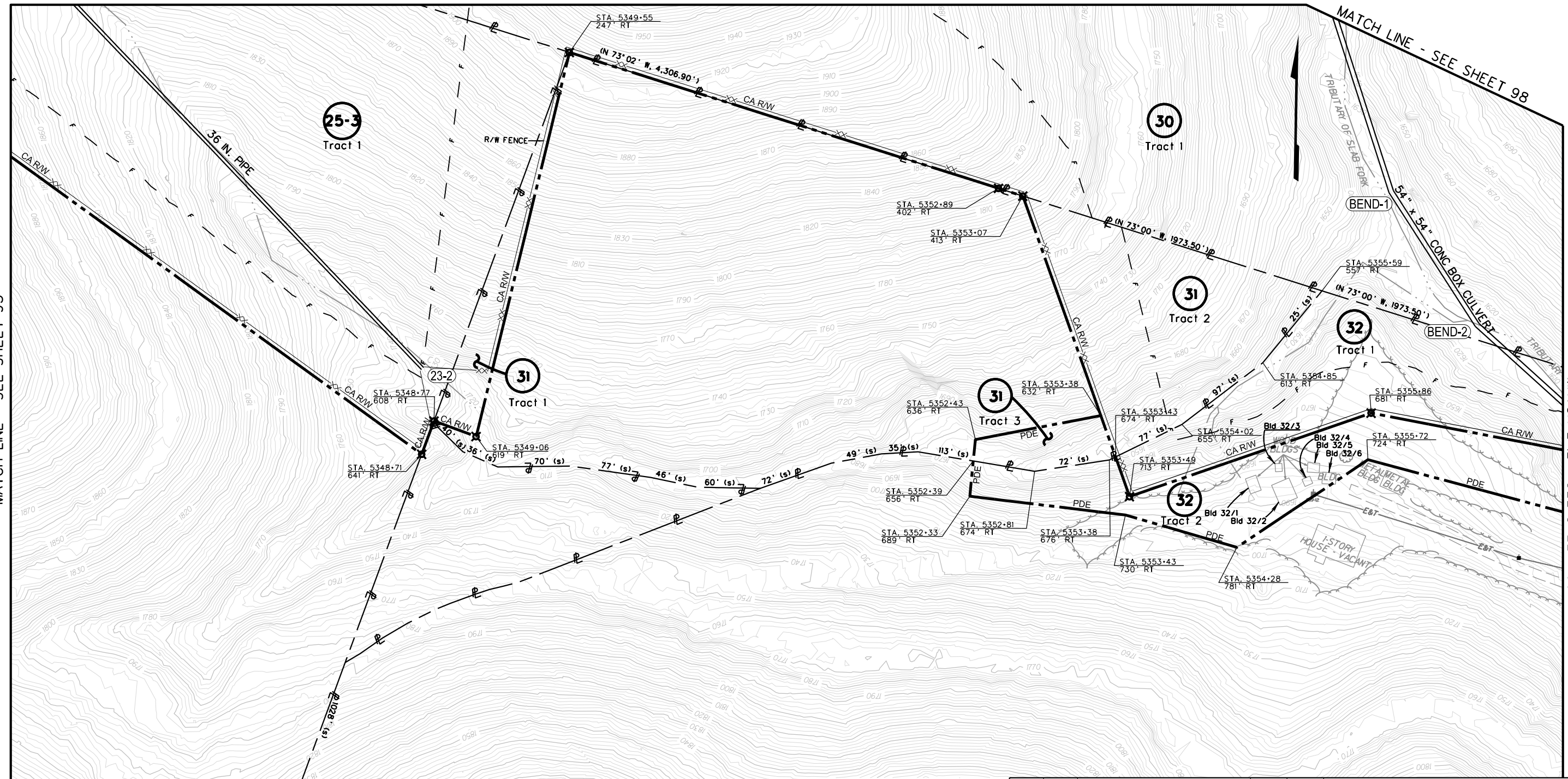
Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	97	209

MATCH LINE - SEE SHEET 96

MATCH LINE - SEE SHEET 98

MATCH LINE - SEE SHEET 95

MATCH LINE - SEE SHEET 100



R/W-3 02/28/22



SCALE : 0 50 ft.

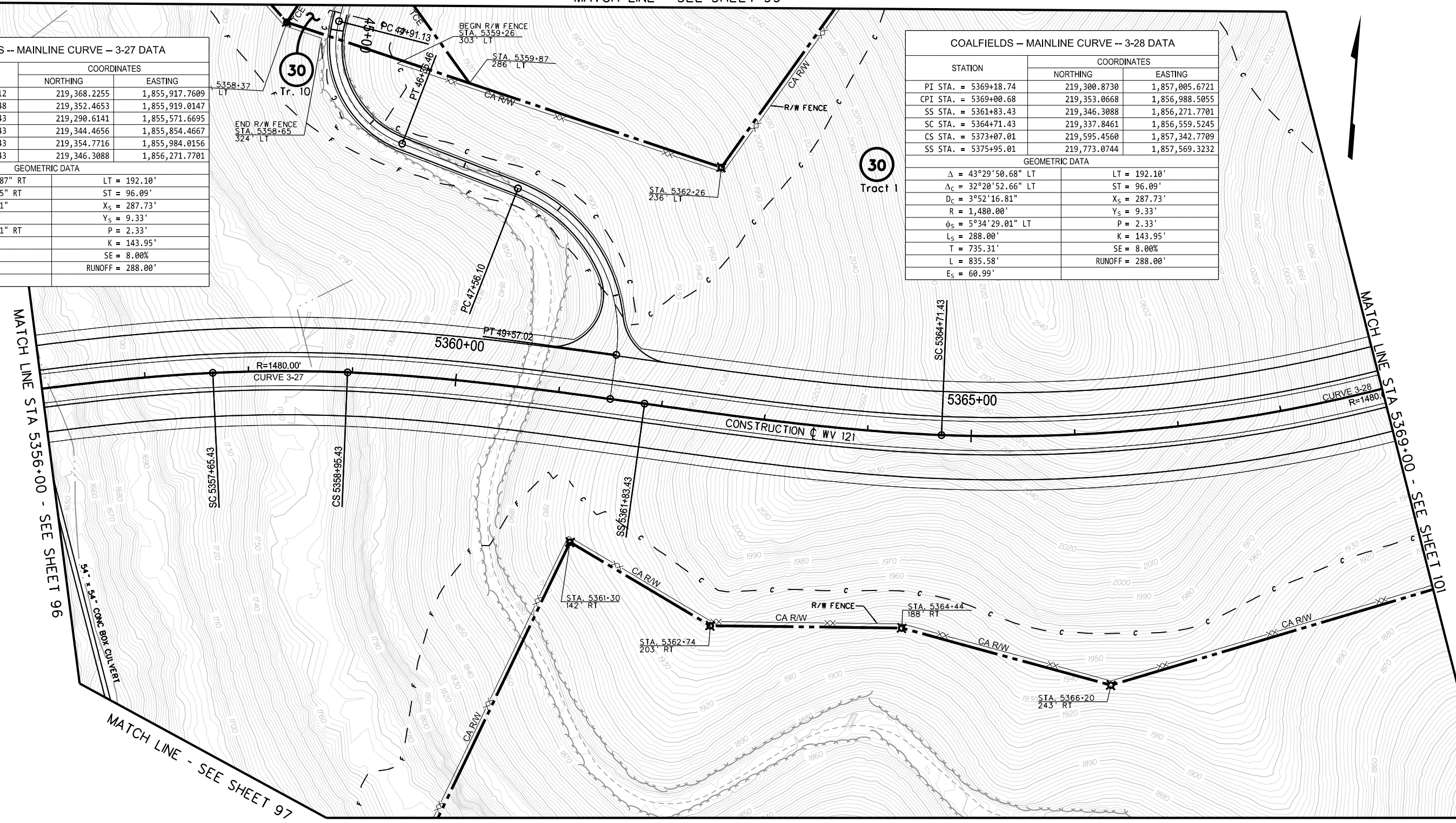
REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**RIGHT OF WAY
PLAN SHEET**

MATCH LINE - SEE SHEET 99

COALFIELDS -- MAINLINE CURVE -- 3-27 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5358+32.12	219,368.2255	1,855,917.7609
CPI STA. = 5358+30.48	219,352.4653	1,855,919.0147
SS STA. = 5354+77.43	219,290.6141	1,855,571.6695
SC STA. = 5357+65.43	219,344.4656	1,855,854.4667
CS STA. = 5358+95.43	219,354.7716	1,855,984.0156
SS STA. = 5361+83.43	219,346.3088	1,856,271.7701
GEOMETRIC DATA		
$\Delta = 16^{\circ}10'55.87''$ RT	LT = 192.10'	
$\Delta_c = 5^{\circ}01'57.85''$ RT	ST = 96.09'	
$D_c = 3^{\circ}52'16.81''$	$X_s = 287.73'$	
$R = 1,480.00'$	$Y_s = 9.33'$	
$\phi_s = 5^{\circ}34'29.01''$ RT	$P = 2.33'$	
$L_s = 288.00'$	$K = 143.95'$	
$T = 354.69'$	$SE = 8.00\%$	
$L = 130.00'$	$RUNOFF = 288.00'$	
$E_s = 1.43'$		

COALFIELDS -- MAINLINE CURVE -- 3-28 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5369+18.74	219,300.8730	1,857,005.6721
CPI STA. = 5369+00.68	219,353.0668	1,856,988.5055
SS STA. = 5361+83.43	219,346.3088	1,856,271.7701
SC STA. = 5364+71.43	219,337.8461	1,856,559.5245
CS STA. = 5373+07.01	219,595.4560	1,857,342.7709
SS STA. = 5375+95.01	219,773.0744	1,857,569.3232
GEOMETRIC DATA		
$\Delta = 43^{\circ}29'50.68''$ LT	LT = 192.10'	
$\Delta_c = 32^{\circ}20'52.66''$ LT	ST = 96.09'	
$D_c = 3^{\circ}52'16.81''$	$X_s = 287.73'$	
$R = 1,480.00'$	$Y_s = 9.33'$	
$\phi_s = 5^{\circ}34'29.01''$ LT	$P = 2.33'$	
$L_s = 288.00'$	$K = 143.95'$	
$T = 735.31'$	$SE = 8.00\%$	
$L = 835.58'$	$RUNOFF = 288.00'$	
$E_s = 60.99'$		



MATCH LINE STA 5356+00 - SEE SHEET 96

MATCH LINE - SEE SHEET 97

MATCH LINE - SEE SHEET 100

MATCH LINE STA 5369+00 - SEE SHEET 101

R/W-3 02/28/22

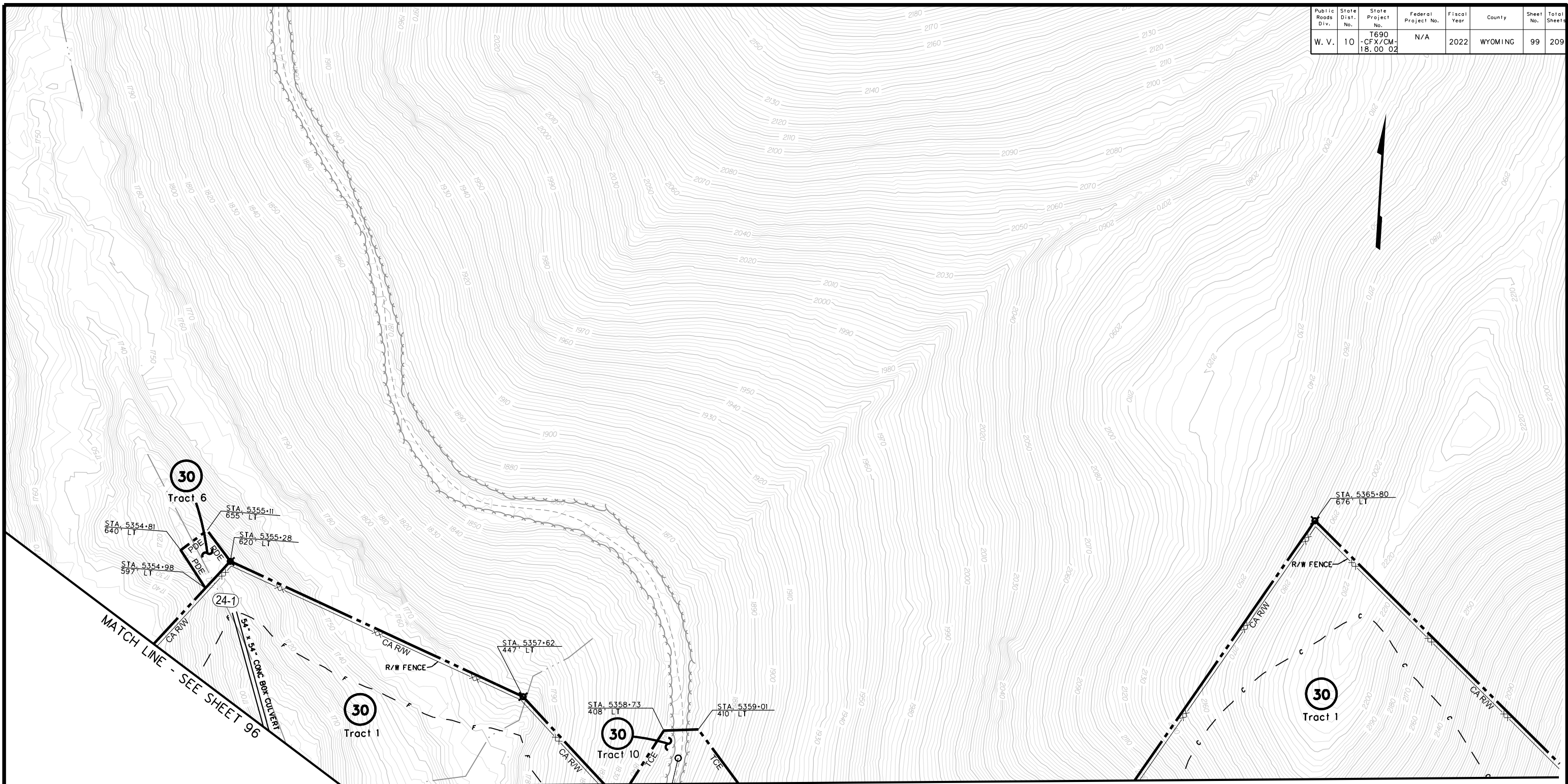


SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**RIGHT OF WAY
PLAN SHEET**

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM- 18.00 02	N/A	2022	WYOMING	99	209



MATCH LINE - SEE SHEET 96

MATCH LINE - SEE SHEET 98

R/W-3 02/28/22



SCALE : 0 50 ft.

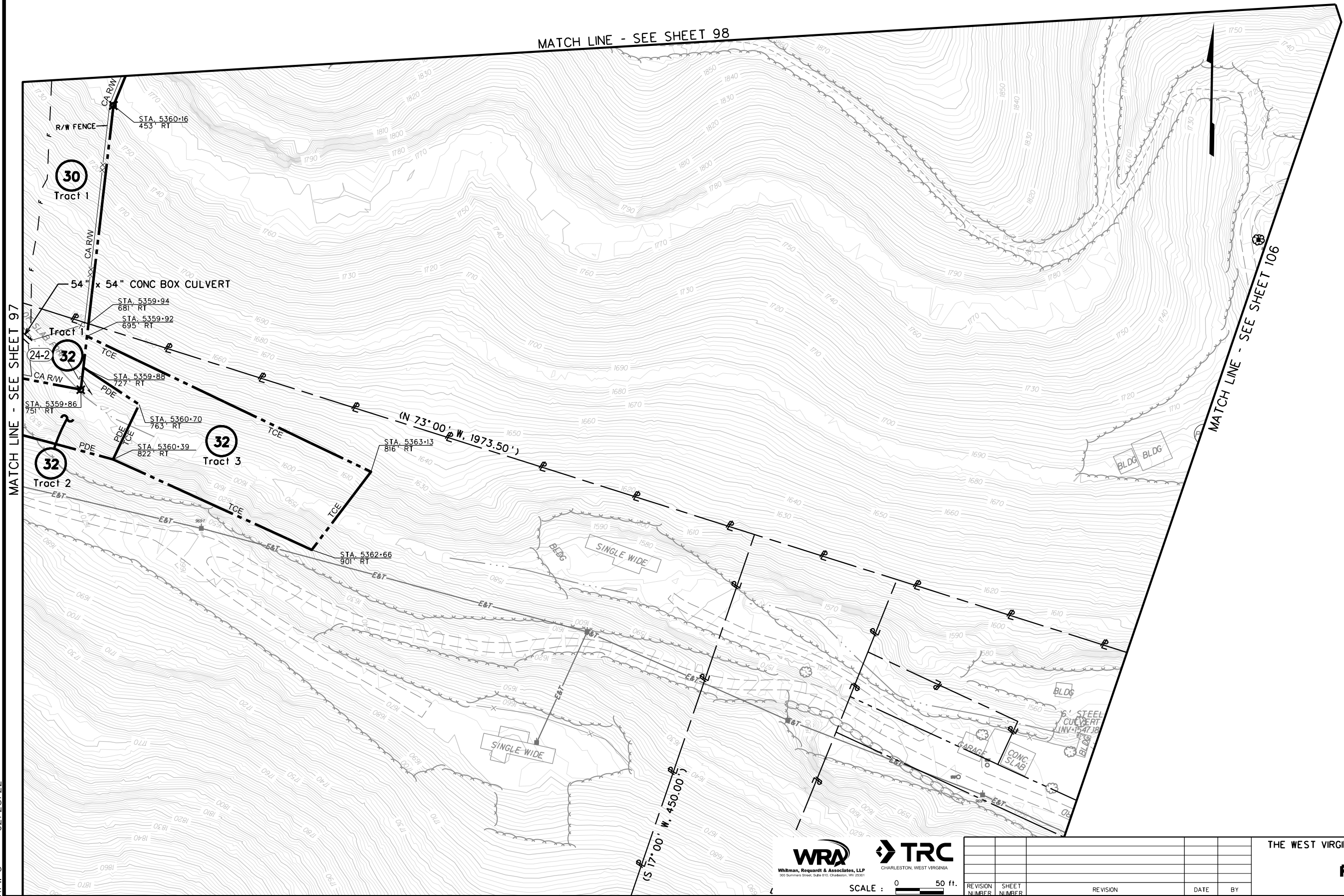
REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**RIGHT OF WAY
PLAN SHEET**

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	100	209

MATCH LINE - SEE SHEET 98

MATCH LINE - SEE SHEET 106



MATCH LINE - SEE SHEET 97

R/W-3 02/28/22



SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
**RIGHT OF WAY
 PLAN SHEET**

COALFIELDS – MAINLINE CURVE – 3-28 DATA

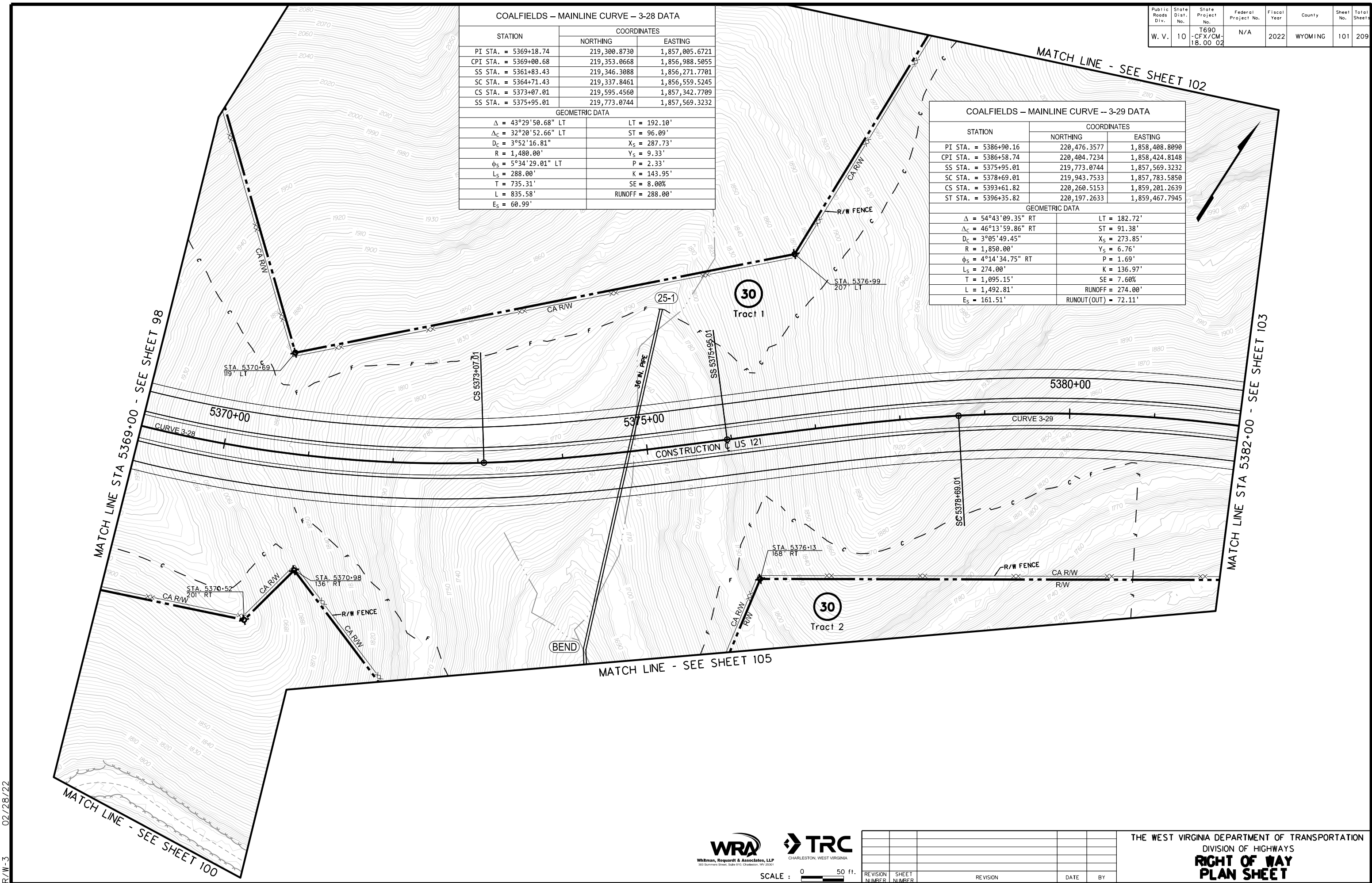
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5369+18.74	219,300.8730	1,857,005.6721
CPI STA. = 5369+00.68	219,353.0668	1,856,988.5055
SS STA. = 5361+83.43	219,346.3088	1,856,271.7701
SC STA. = 5364+71.43	219,337.8461	1,856,559.5245
CS STA. = 5373+07.01	219,595.4560	1,857,342.7709
SS STA. = 5375+95.01	219,773.0744	1,857,569.3232

GEOMETRIC DATA	
$\Delta = 43^{\circ}29'50.68''$ LT	LT = 192.10'
$\Delta_C = 32^{\circ}20'52.66''$ LT	ST = 96.09'
$D_C = 3^{\circ}52'16.81''$	$X_S = 287.73'$
$R = 1,480.00'$	$Y_S = 9.33'$
$\phi_S = 5^{\circ}34'29.01''$ LT	$P = 2.33'$
$L_S = 288.00'$	$K = 143.95'$
$T = 735.31'$	$SE = 8.00\%$
$L = 835.58'$	$RUNOFF = 288.00'$
$E_S = 60.99'$	

COALFIELDS – MAINLINE CURVE -- 3-29 DATA

STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5386+90.16	220,476.3577	1,858,408.8090
CPI STA. = 5386+58.74	220,404.7234	1,858,424.8148
SS STA. = 5375+95.01	219,773.0744	1,857,569.3232
SC STA. = 5378+69.01	219,943.7533	1,857,783.5850
CS STA. = 5393+61.82	220,260.5153	1,859,201.2639
ST STA. = 5396+35.82	220,197.2633	1,859,467.7945

GEOMETRIC DATA	
$\Delta = 54^{\circ}43'09.35''$ RT	LT = 182.72'
$\Delta_C = 46^{\circ}13'59.86''$ RT	ST = 91.38'
$D_C = 3^{\circ}05'49.45''$	$X_S = 273.85'$
$R = 1,850.00'$	$Y_S = 6.76'$
$\phi_S = 4^{\circ}14'34.75''$ RT	$P = 1.69'$
$L_S = 274.00'$	$K = 136.97'$
$T = 1,095.15'$	$SE = 7.60\%$
$L = 1,492.81'$	$RUNOFF = 274.00'$
$E_S = 161.51'$	$RUNOUT(OUT) = 72.11'$



R/W-3 02/28/22

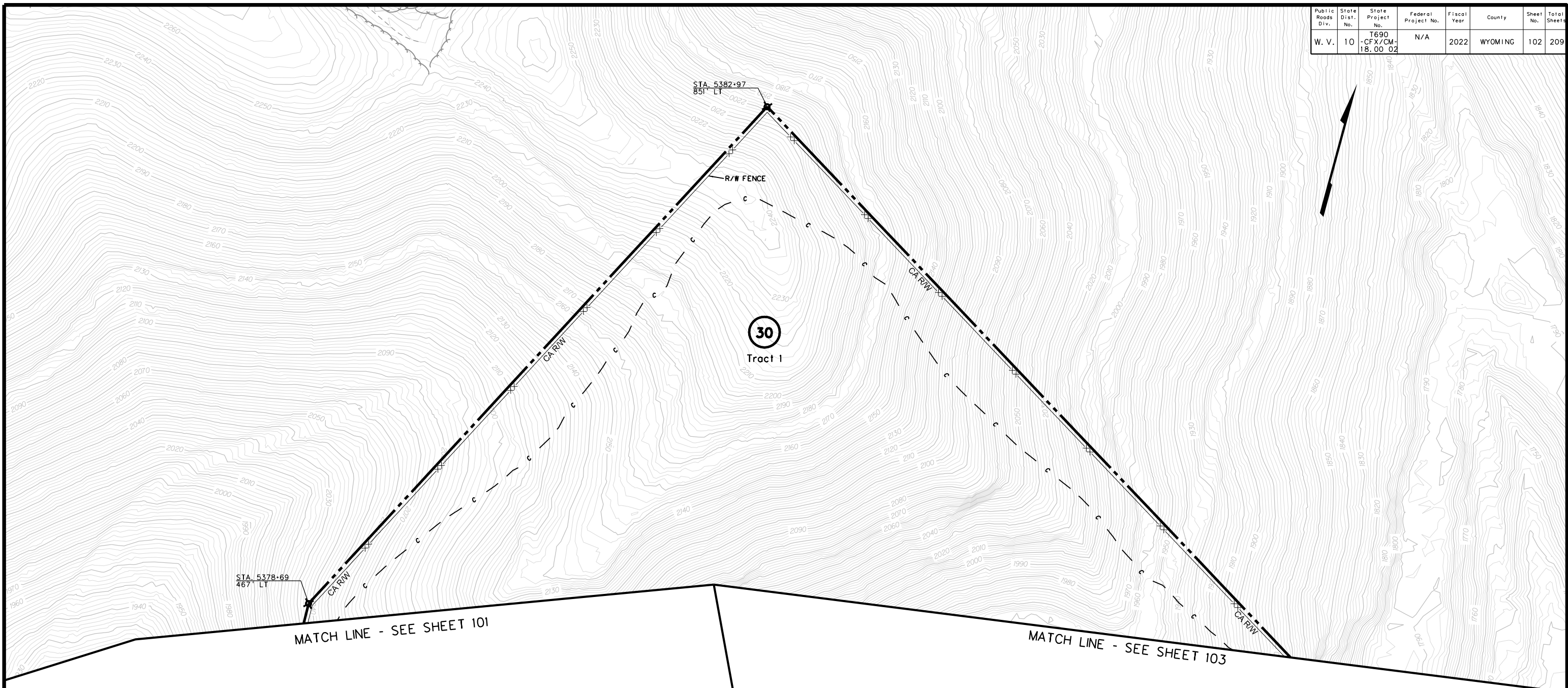


SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**RIGHT OF WAY
PLAN SHEET**

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM- 18.00 02	N/A	2022	WYOMING	102	209



R/W-3 02/28/22



SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
**RIGHT OF WAY
 PLAN SHEET**

28-Apr-2022 10:51 PM

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	103	209

MATCH LINE - SEE SHEET 102

MATCH LINE STA 5382+00 - SEE SHEET 101

MATCH LINE STA 5394+00 - SEE SHEET 107

COALFIELDS - MAINLINE CURVE - 3-29 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5386+90.16	228,476.3577	1,858,408.8090
CPI STA. = 5386+58.74	228,404.7234	1,858,424.8148
SS STA. = 5375+95.01	219,773.0744	1,857,569.3232
SC STA. = 5378+69.01	219,943.7533	1,857,783.5850
CS STA. = 5393+61.82	228,260.5153	1,859,201.2639
ST STA. = 5396+35.82	228,197.2633	1,859,467.7945
GEOMETRIC DATA		
$\Delta = 54^{\circ}43'09.35''$ RT	LT = 182.72'	
$\Delta_c = 46^{\circ}13'59.86''$ RT	ST = 91.38'	
$D_c = 3^{\circ}05'49.45''$	$X_s = 273.85'$	
R = 1,850.00'	$Y_s = 6.76'$	
$\phi_s = 4^{\circ}14'34.75''$ RT	P = 1.69'	
$L_s = 274.00'$	K = 136.97'	
T = 1,095.15'	SE = 7.60%	
L = 1,492.81'	RUNOFF = 274.00'	
$E_s = 161.51'$	RUNOUT(OUT) = 72.11'	

Town Ridge Acres
(Subdivision of Lots on
Property of J.T. Fish
at Caloric)
Wyoming County, WV
July 11, 1970

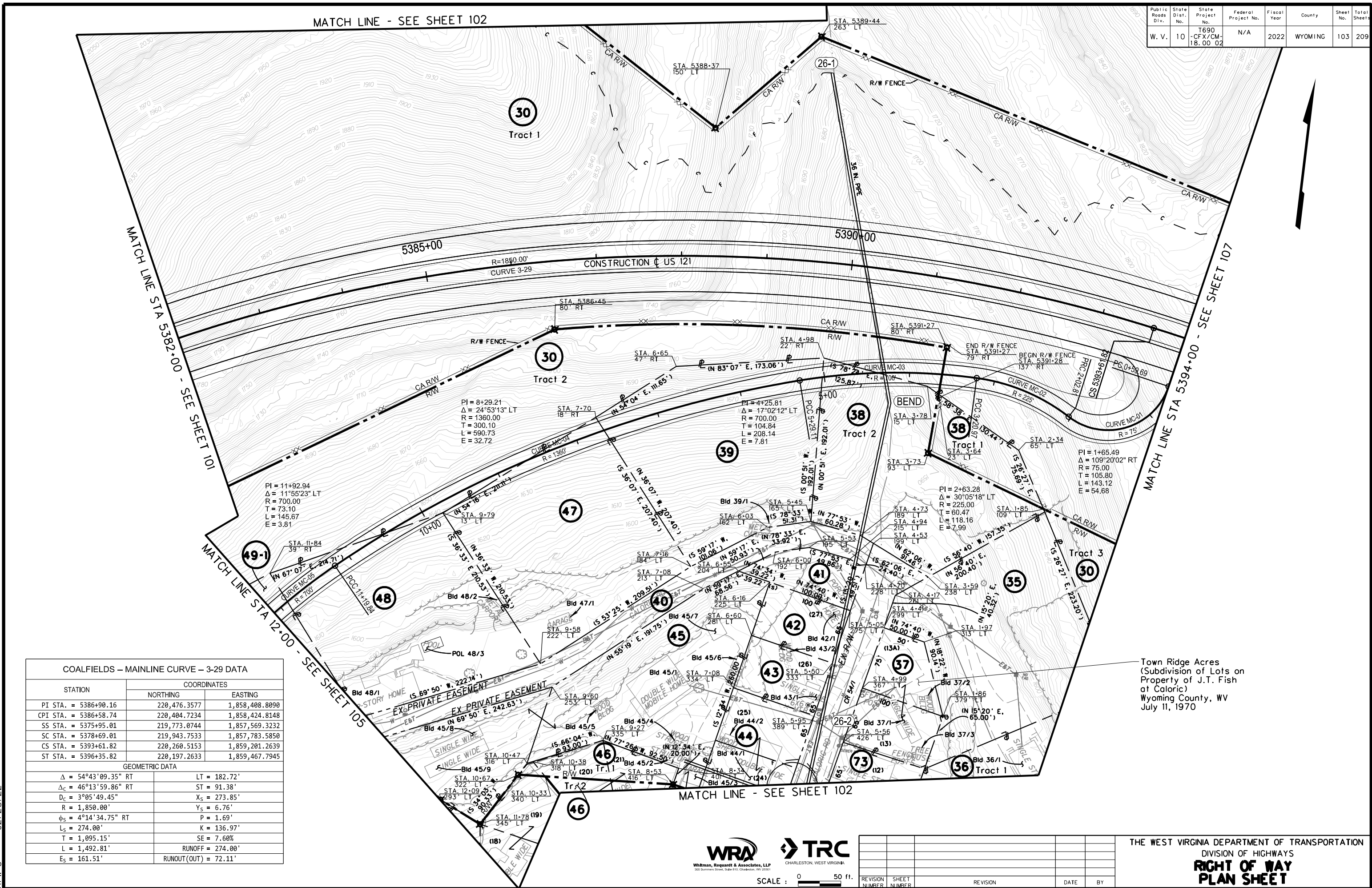
02/28/22



SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**RIGHT OF WAY
PLAN SHEET**



Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM- 18.00 02	N/A	2022	WYOMING	104	209

MATCH LINE - SEE SHEET 106

MATCH LINE - SEE SHEET 105

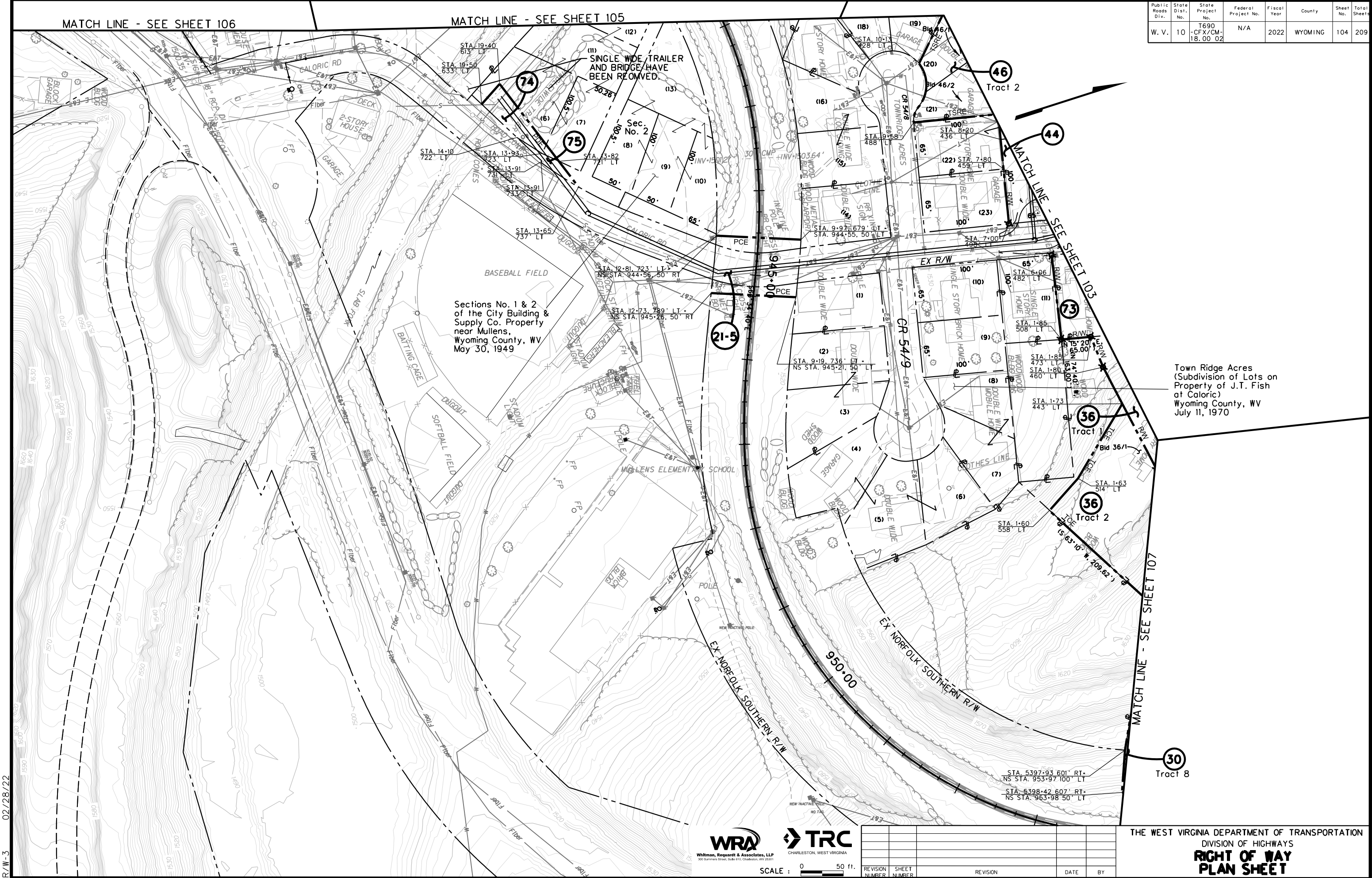
MATCH LINE - SEE SHEET 103

MATCH LINE - SEE SHEET 107

Sections No. 1 & 2
of the City Building &
Supply Co. Property
near Mullens,
Wyoming County, WV
May 30, 1949

Town Ridge Acres
(Subdivision of Lots on
Property of J.T. Fish
at Caloric)
Wyoming County, WV
July 11, 1970

(11) SINGLE WIDE TRAILER
AND BRIDGE HAVE
BEEN REMOVED.



R/W-3 02/28/22



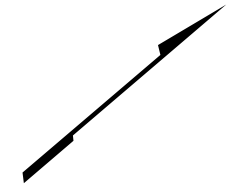
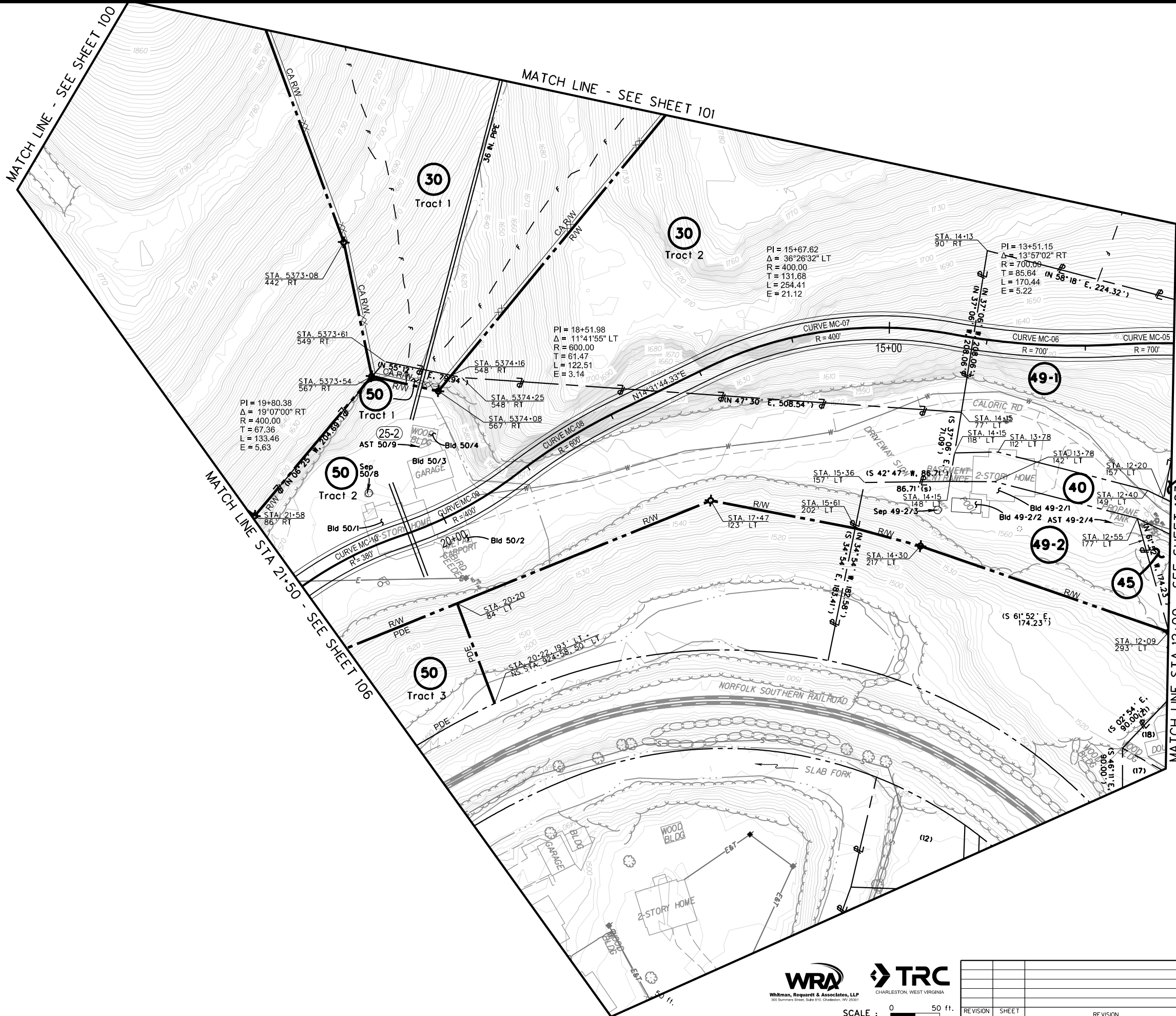
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REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**RIGHT OF WAY
PLAN SHEET**

28-Apr-2022 10:15 PM

Public Roads Div.	State No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	105	209



02/28/22

R/W-3



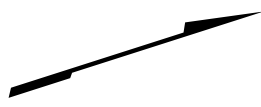
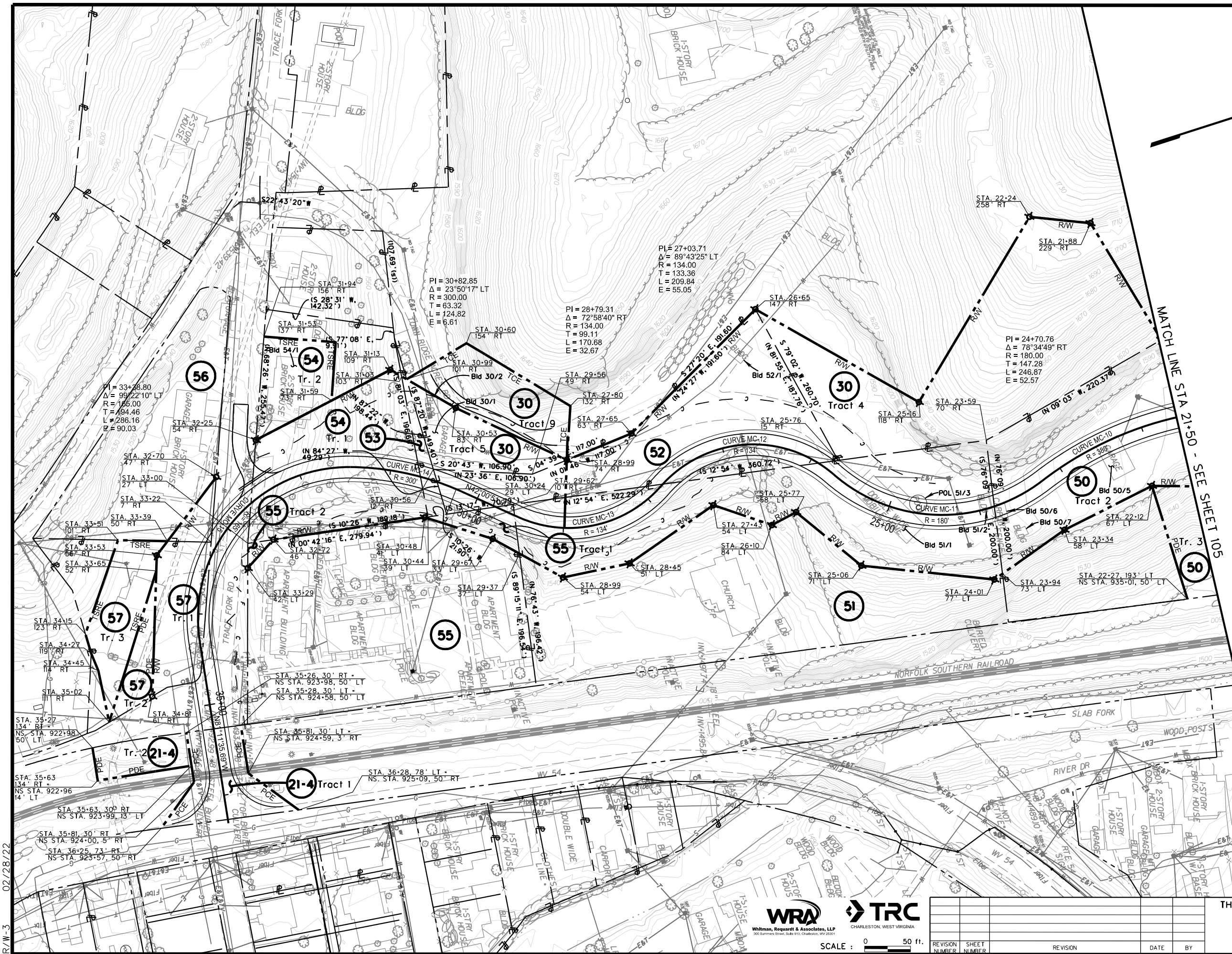
SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**RIGHT OF WAY
PLAN SHEET**

28-MAY-2022 10:05:54 AM

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheets
W. V.	10	T690 -CFX/CM- 18.00.02	N/A	2022	WYOMING	106	209



MATCH LINE STA 21+50 - SEE SHEET 105

WRA **TRC**
Whitman, Reardon & Associates, LLP
300 Summers Street, Suite 610, Charleston, WV 25301
CHARLESTON, WEST VIRGINIA

SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**RIGHT OF WAY
PLAN SHEET**

R/W-3 02/28/22

28-MAR-2022 10:41:41 AM

MATCH LINE STA 5409+00 - SEE SHEET 108

MATCH LINE STA 5394+00 - SEE SHEET 103

MATCH LINE - SEE SHEET 109

MATCH LINE - SEE SHEET 110

MATCH LINE - SEE SHEET 104

BEGIN BRIDGE #11696 NBL/SBL STA. 5394+67.00

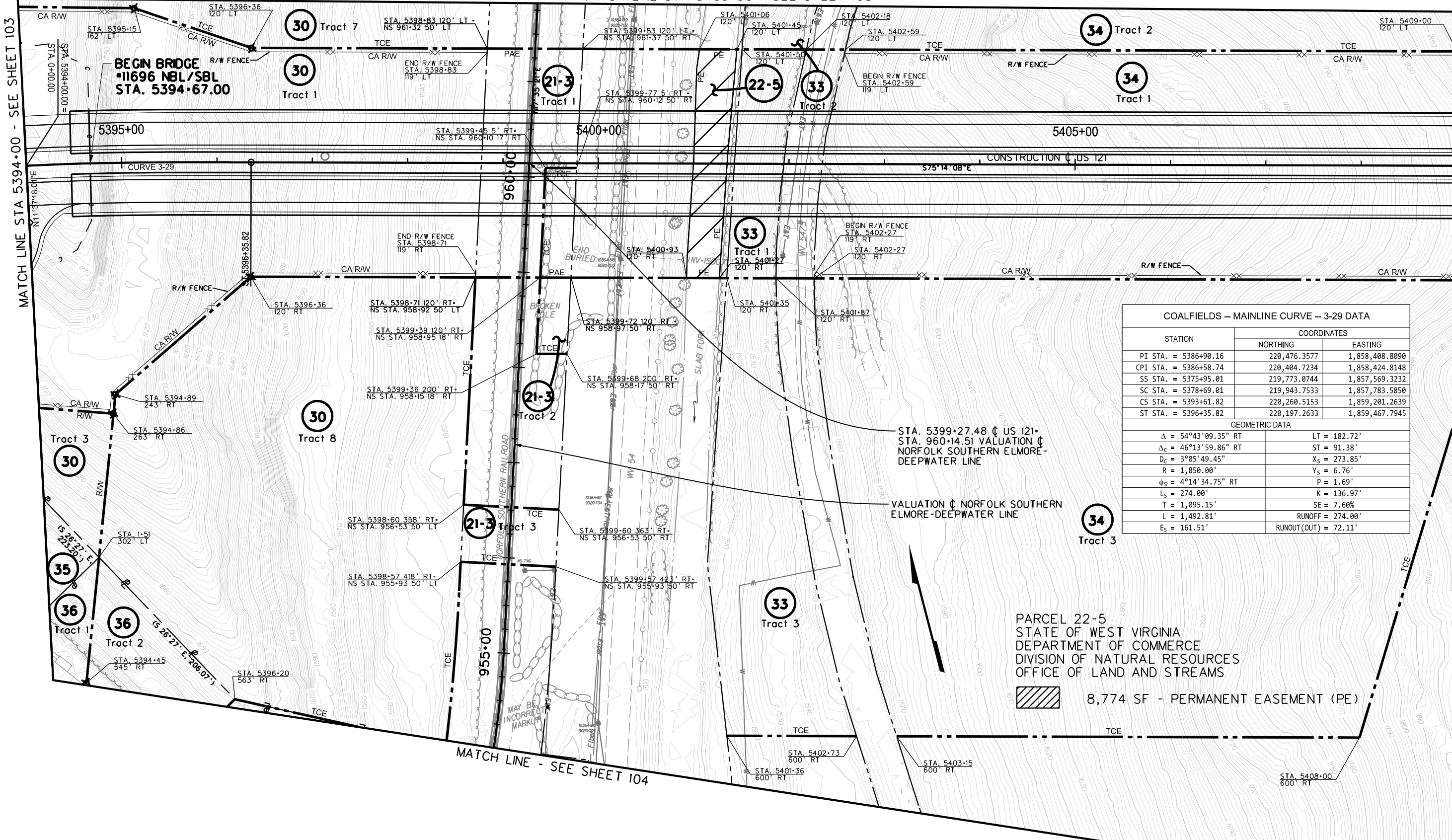
COALFIELDS - MAINLINE CURVE -- 3-29 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5386+90.16	220,476.3577	1,858,408.8090
CPI STA. = 5386+58.74	220,404.7234	1,858,424.8148
SS STA. = 5375+95.01	219,773.0744	1,857,569.3232
SC STA. = 5378+69.01	219,943.7533	1,857,783.5850
CS STA. = 5393+61.82	220,260.5153	1,859,201.2639
ST STA. = 5396+35.82	220,197.2633	1,859,467.7945
GEOMETRIC DATA		
$\Delta = 54^{\circ}43'09.35''$ RT	LT = 182.72'	
$\Delta_c = 46^{\circ}13'59.86''$ RT	ST = 91.38'	
$D_c = 3^{\circ}05'49.45''$	$X_S = 273.85'$	
$R = 1,850.00'$	$Y_S = 6.76'$	
$\phi_s = 4^{\circ}14'34.75''$ RT	$P = 1.69'$	
$L_S = 274.00'$	$K = 136.97'$	
$T = 1,095.15'$	$SE = 7.60\%$	
$L = 1,492.81'$	$RUNOFF = 274.00'$	
$E_s = 161.51'$	$RUNOUT(OUT) = 72.11'$	

STA. 5399+27.48 ϕ US 121- STA. 960+14.51 VALUATION ϕ NORFOLK SOUTHERN ELMORE-DEEPWATER LINE

VALUATION ϕ NORFOLK SOUTHERN ELMORE-DEEPWATER LINE

PARCEL 22-5
STATE OF WEST VIRGINIA
DEPARTMENT OF COMMERCE
DIVISION OF NATURAL RESOURCES
OFFICE OF LAND AND STREAMS

 8,774 SF - PERMANENT EASEMENT (PE)



SCALE : 0 50 ft.

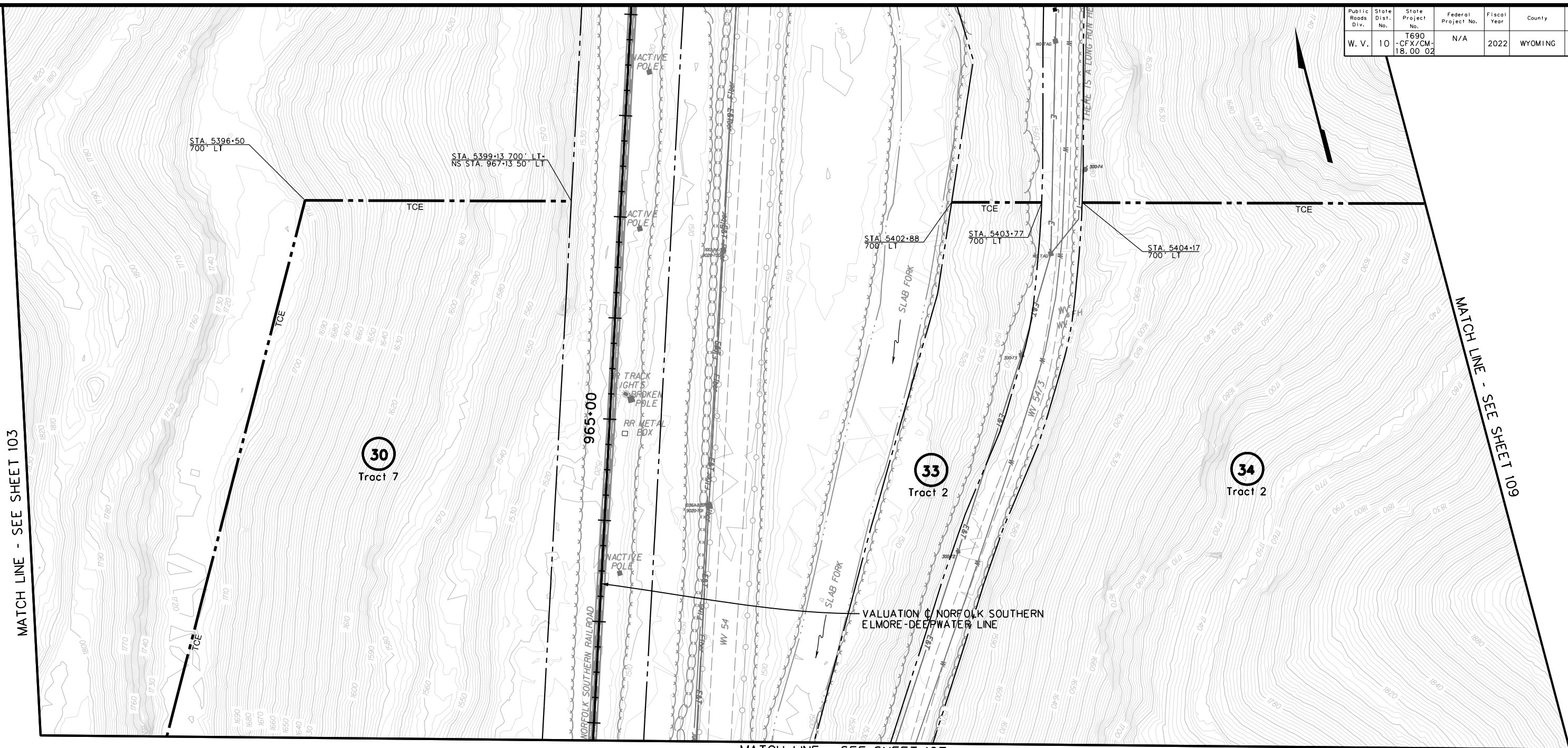
REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**RIGHT OF WAY
PLAN SHEET**

R/W-3 02/28/22

28-MAY-2022 16:05:59

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheets
W. V.	10	T690 - CFX/CM-18.00 02	N/A	2022	WYOMING	108	209



MATCH LINE - SEE SHEET 103

MATCH LINE - SEE SHEET 109

MATCH LINE - SEE SHEET 107

R/W-3 02/28/22



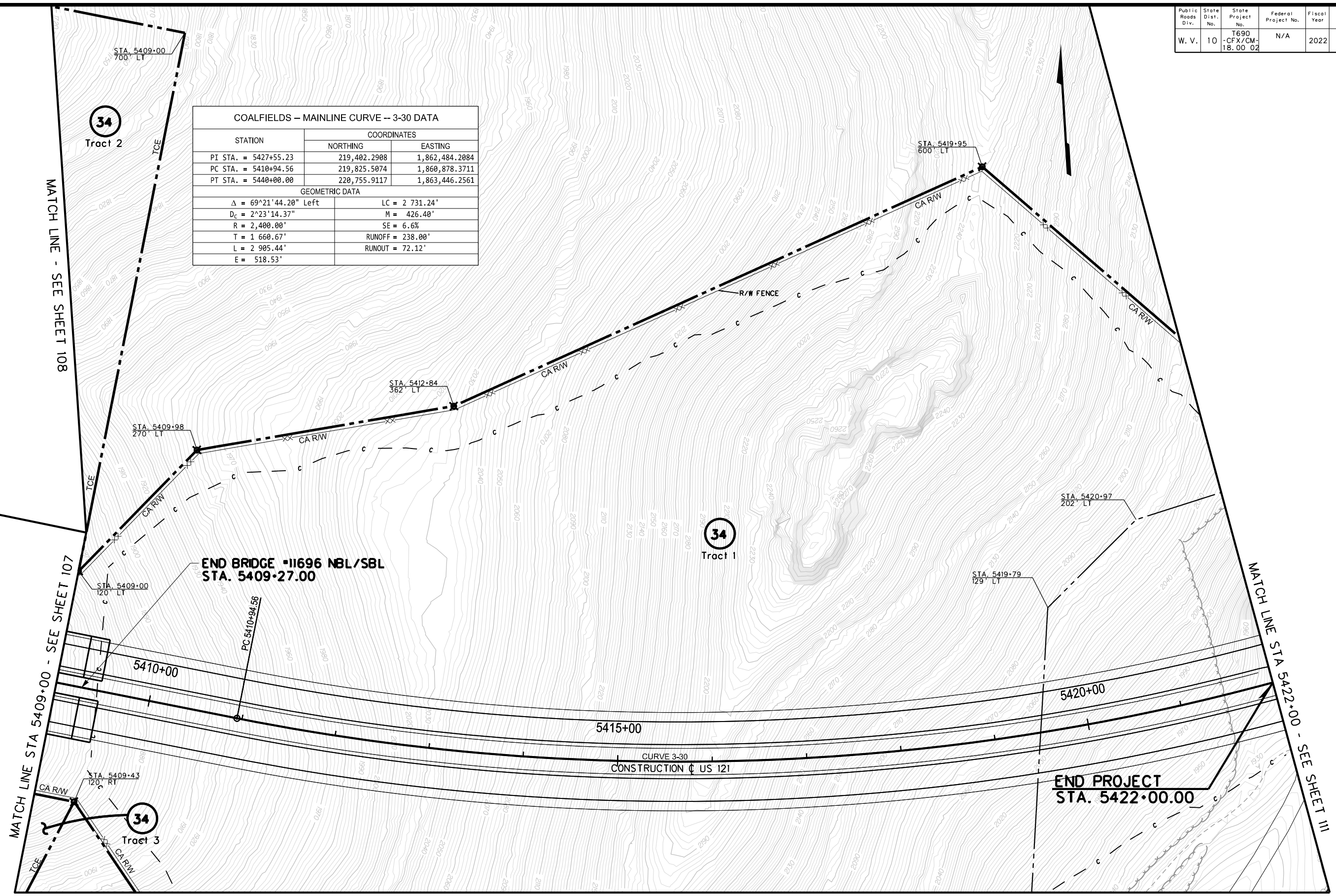
SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
**RIGHT OF WAY
 PLAN SHEET**

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	109	209

COALFIELDS - MAINLINE CURVE -- 3-30 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5427+55.23	219,402.2908	1,862,484.2084
PC STA. = 5410+94.56	219,825.5074	1,860,878.3711
PT STA. = 5440+00.00	220,755.9117	1,863,446.2561
GEOMETRIC DATA		
$\Delta = 69^{\circ}21'44.20''$ Left	LC = 2 731.24'	
$D_c = 2^{\circ}23'14.37''$	M = 426.40'	
R = 2,400.00'	SE = 6.6%	
T = 1 660.67'	RUNOFF = 238.00'	
L = 2 905.44'	RUNOUT = 72.12'	
E = 518.53'		



MATCH LINE - SEE SHEET 108

MATCH LINE STA 5409+00 - SEE SHEET 107

MATCH LINE STA 5422+00 - SEE SHEET 111

MATCH LINE - SEE SHEET 110

R/W-3 02/28/22



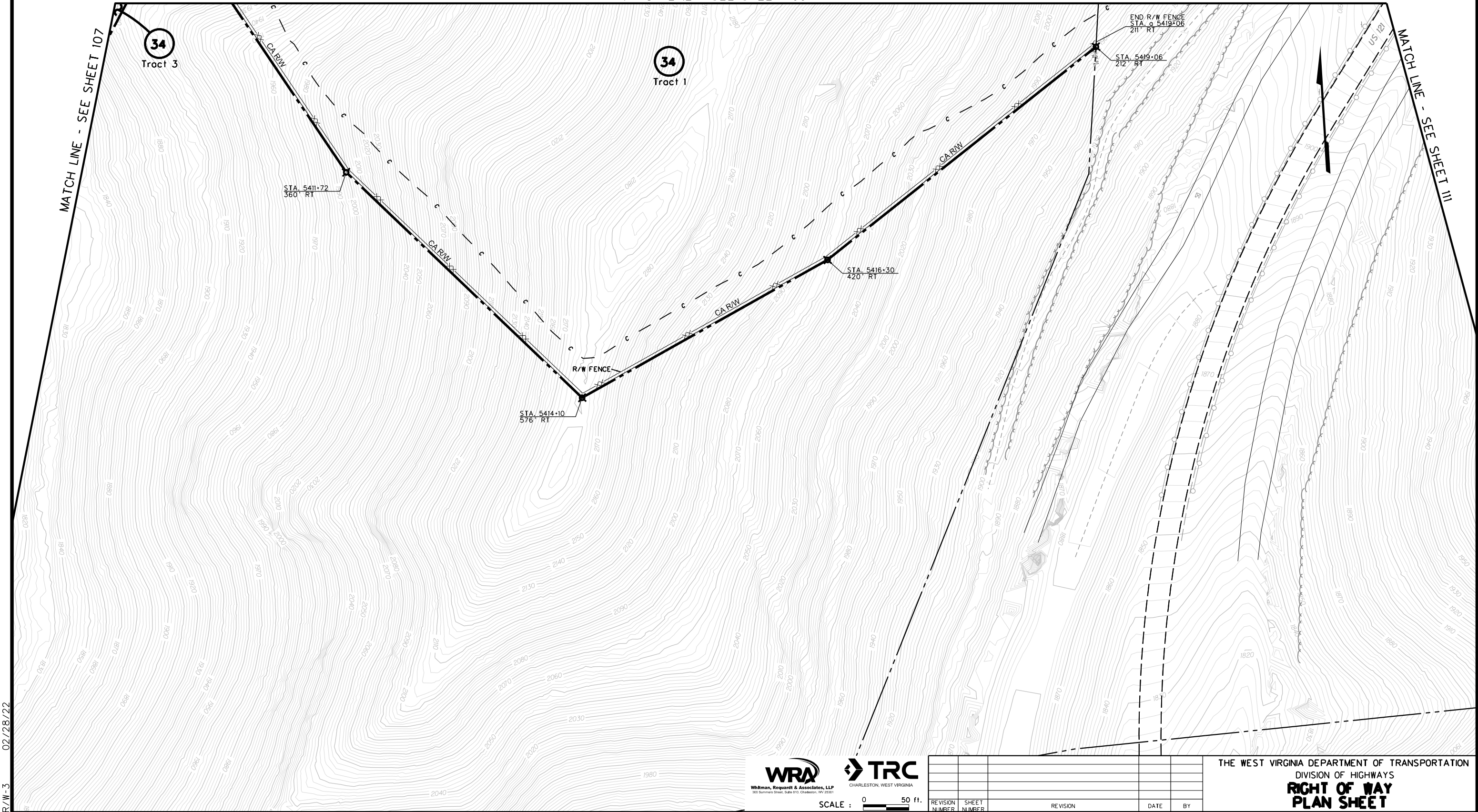
SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**RIGHT OF WAY
PLAN SHEET**

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheets
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	110	209

MATCH LINE - SEE SHEET 109



R/W-3 02/28/22



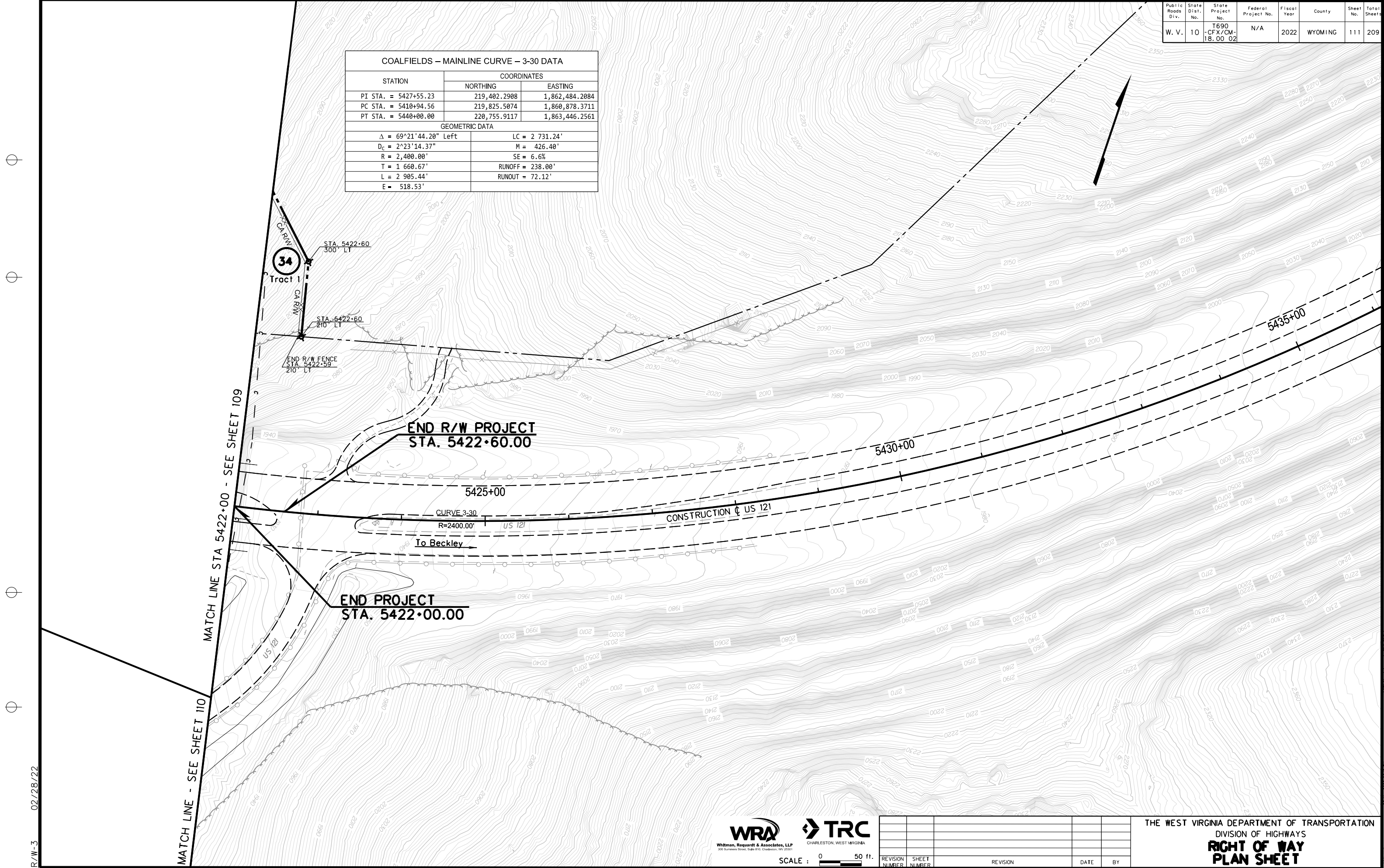
SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
**RIGHT OF WAY
 PLAN SHEET**

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheets
W. V.	10	T690 -CFX/CM-18.00.02	N/A	2022	WYOMING	111	209

COALFIELDS – MAINLINE CURVE – 3-30 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5427+55.23	219,482.2908	1,862,484.2084
PC STA. = 5418+94.56	219,825.5074	1,860,878.3711
PT STA. = 5440+00.00	220,755.9117	1,863,446.2561
GEOMETRIC DATA		
$\Delta = 69^{\circ}21'44.20''$ Left	LC = 2 731.24'	
$D_c = 2^{\circ}23'14.37''$	M = 426.40'	
R = 2,400.00'	SE = 6.6%	
T = 1 660.67'	RUNOFF = 238.00'	
L = 2 905.44'	RUNOUT = 72.12'	
E = 518.53'		



R/W-3 02/28/22

MATCH LINE - SEE SHEET 110

MATCH LINE STA 5422+00 - SEE SHEET 109

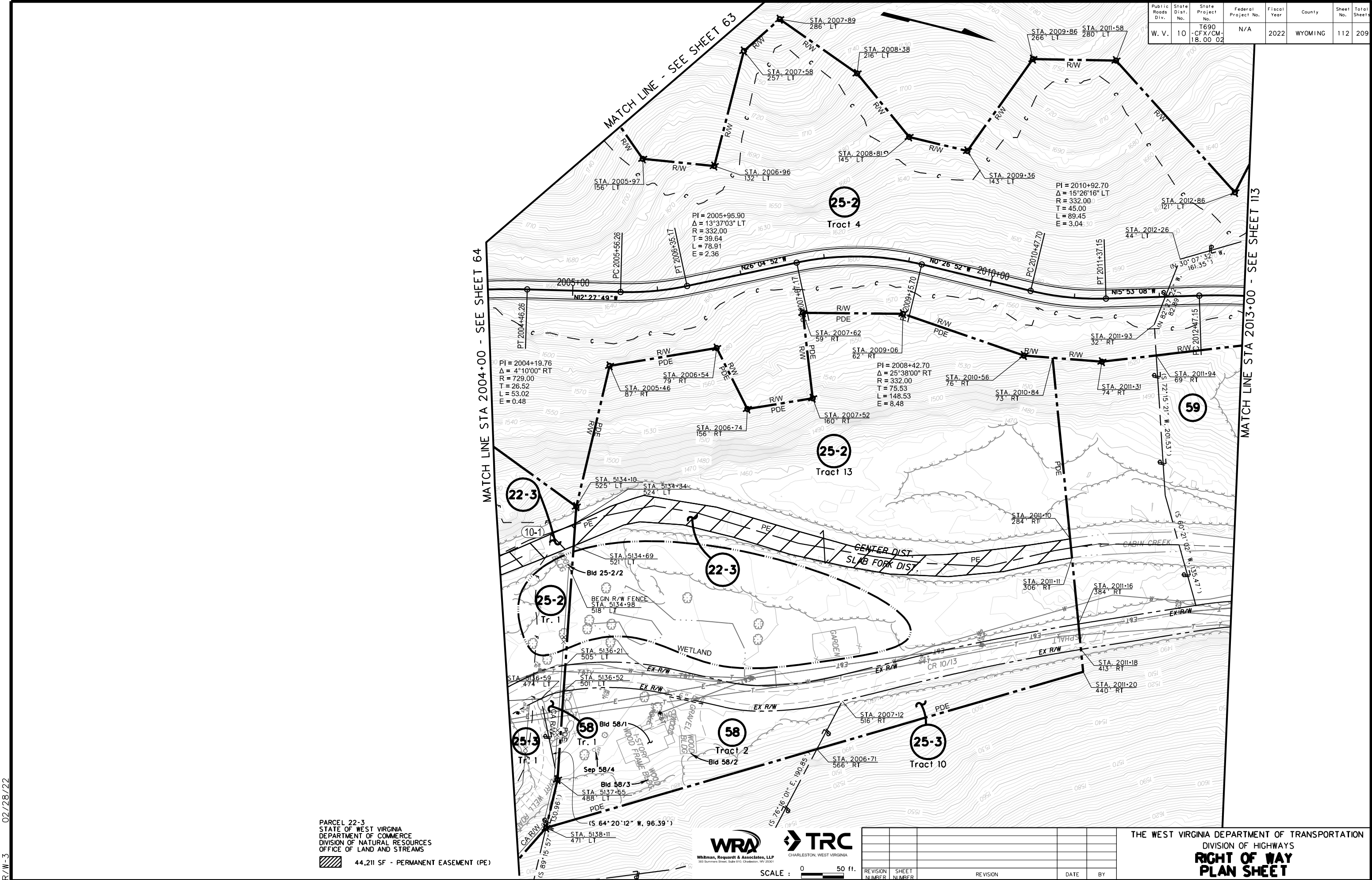


SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
**RIGHT OF WAY
 PLAN SHEET**

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM- 18.00 02	N/A	2022	WYOMING	112	209



02/28/22

PARCEL 22-3
STATE OF WEST VIRGINIA
DEPARTMENT OF COMMERCE
DIVISION OF NATURAL RESOURCES
OFFICE OF LAND AND STREAMS

44,211 SF - PERMANENT EASEMENT (PE)

WRA **TRC**
Whitman, Requardt & Associates, LLP
300 Summers Street, Suite 610, Charleston, WV 25301
CHARLESTON, WEST VIRGINIA

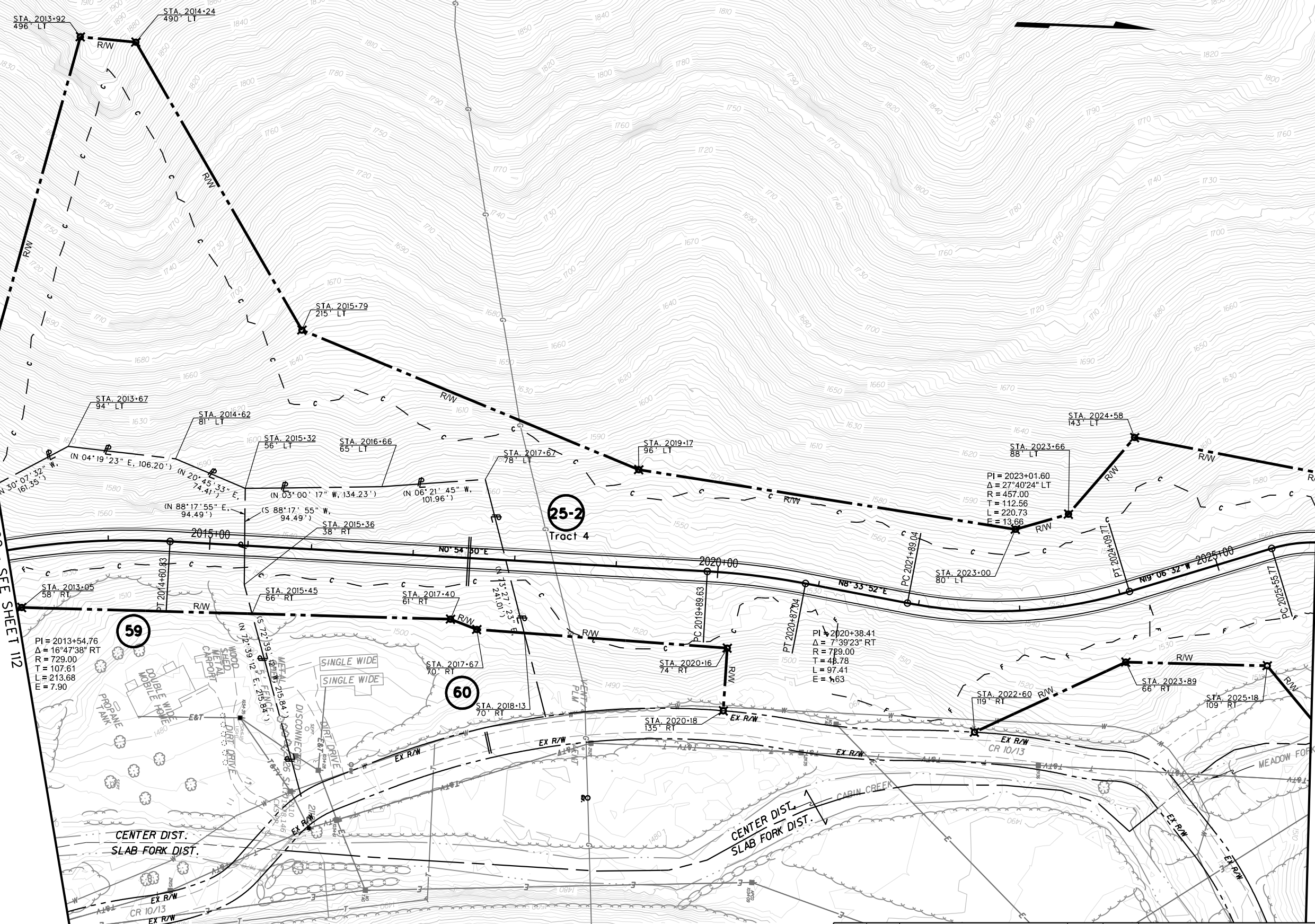
SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**RIGHT OF WAY
PLAN SHEET**

MATCH LINE STA 2013+00 - SEE SHEET 112

MATCH LINE STA 2026+00 - SEE SHEET 114



PI = 2013+54.76
 Δ = 16°47'38" RT
 R = 729.00
 T = 107.61
 L = 213.68
 E = 7.90

PI = 2020+38.41
 Δ = 7°39'23" RT
 R = 729.00
 T = 48.78
 L = 97.41
 E = 6.63

PI = 2023+01.60
 Δ = 27°40'24" LT
 R = 457.00
 T = 112.56
 L = 220.73
 E = 13.66

CENTER DIST.
 SLAB FORK DIST.

CENTER DIST.
 SLAB FORK DIST.

R/W-3 02/28/22

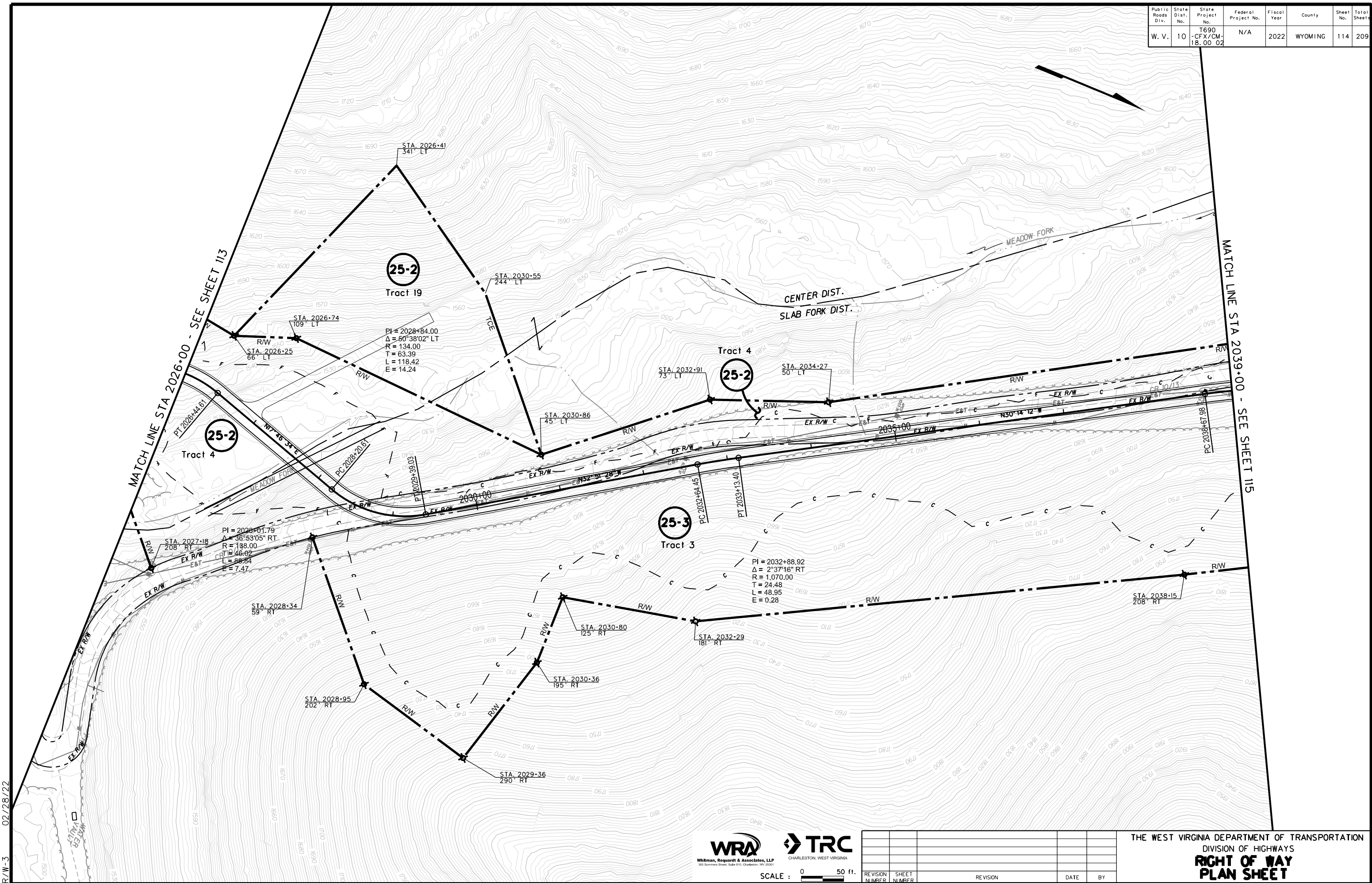


SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
**RIGHT OF WAY
 PLAN SHEET**

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00.02	N/A	2022	WYOMING	114	209



R/W-3 02/28/22

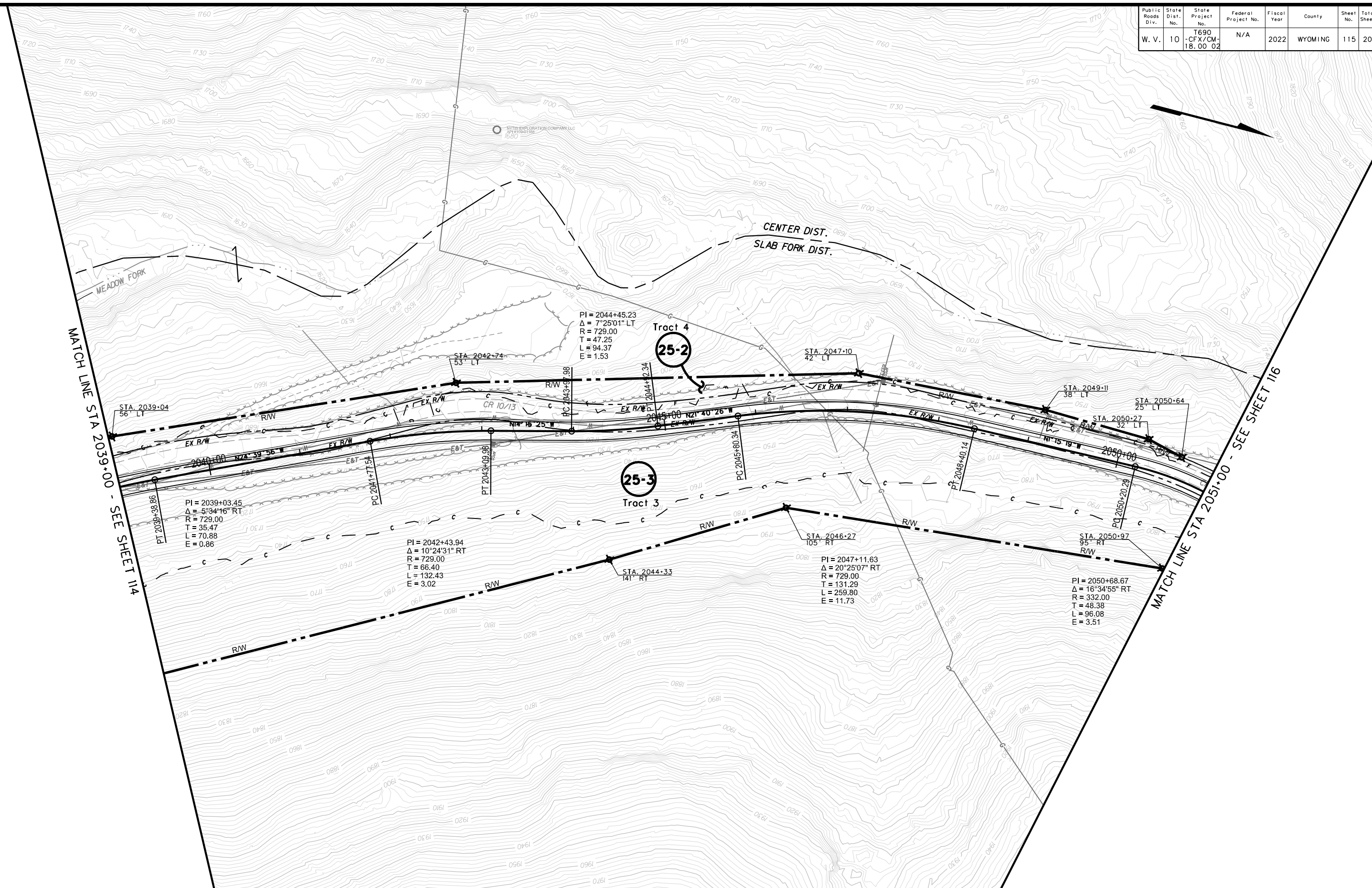


SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
**RIGHT OF WAY
 PLAN SHEET**

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 - CFX/CM-18.00 02	N/A	2022	WYOMING	115	209



MATCH LINE STA 2039+00 - SEE SHEET 114

MATCH LINE STA 2051+00 - SEE SHEET 116

PI = 2039+03.45
 $\Delta = 5^{\circ}34'16''$ RT
 R = 729.00
 T = 35.47
 L = 70.88
 E = 0.86

PI = 2042+43.94
 $\Delta = 10^{\circ}24'31''$ RT
 R = 729.00
 T = 66.40
 L = 132.43
 E = 3.02

PI = 2044+45.23
 $\Delta = 7^{\circ}25'01''$ LT
 R = 729.00
 T = 47.25
 L = 94.37
 E = 1.53

PI = 2047+11.63
 $\Delta = 20^{\circ}25'07''$ RT
 R = 729.00
 T = 131.29
 L = 259.80
 E = 11.73

PI = 2050+68.67
 $\Delta = 16^{\circ}34'55''$ RT
 R = 332.00
 T = 48.38
 L = 96.08
 E = 3.51

R/W-3 02/28/22

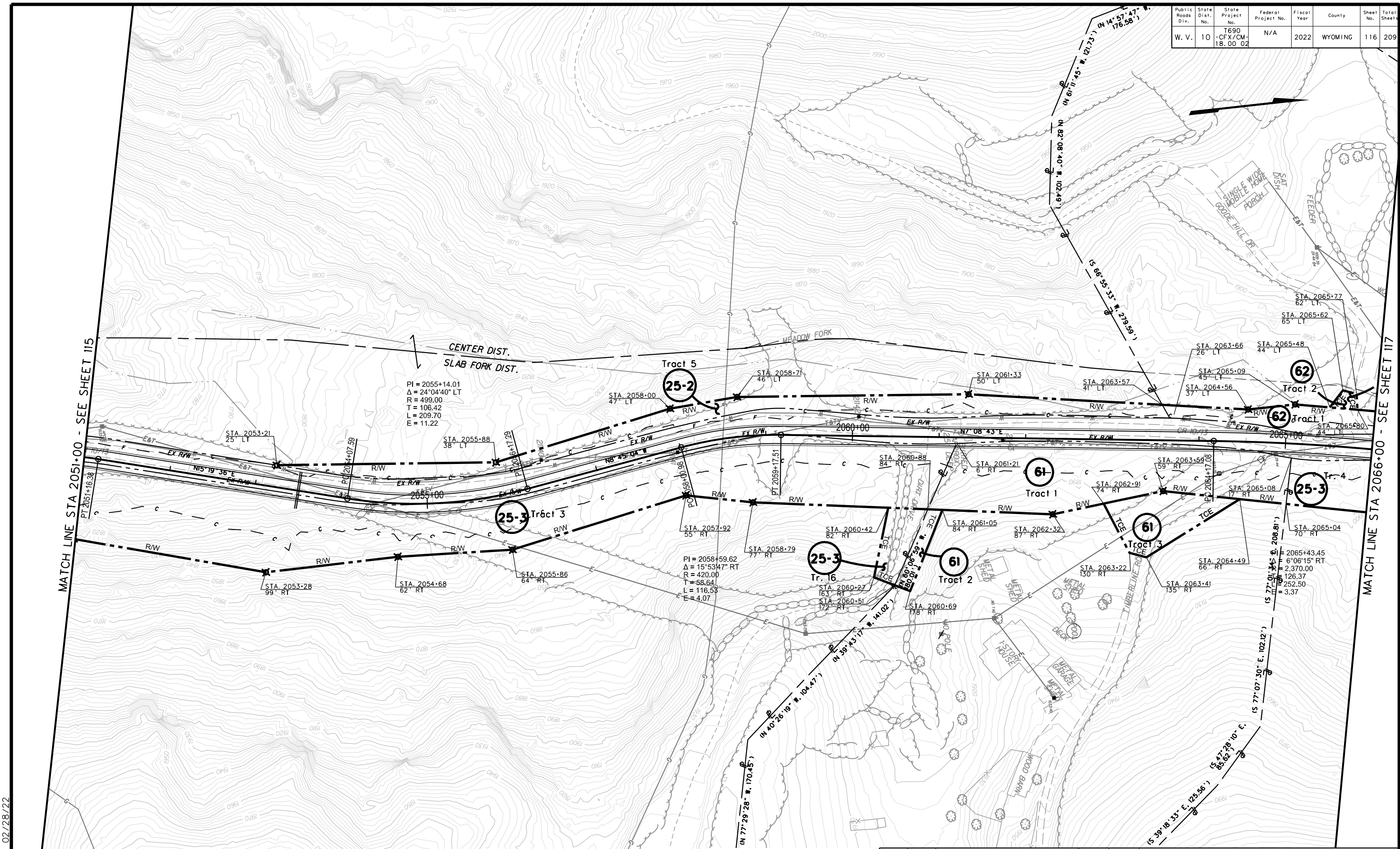


SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
**RIGHT OF WAY
 PLAN SHEET**

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	116	209



R/W-3 02/28/22

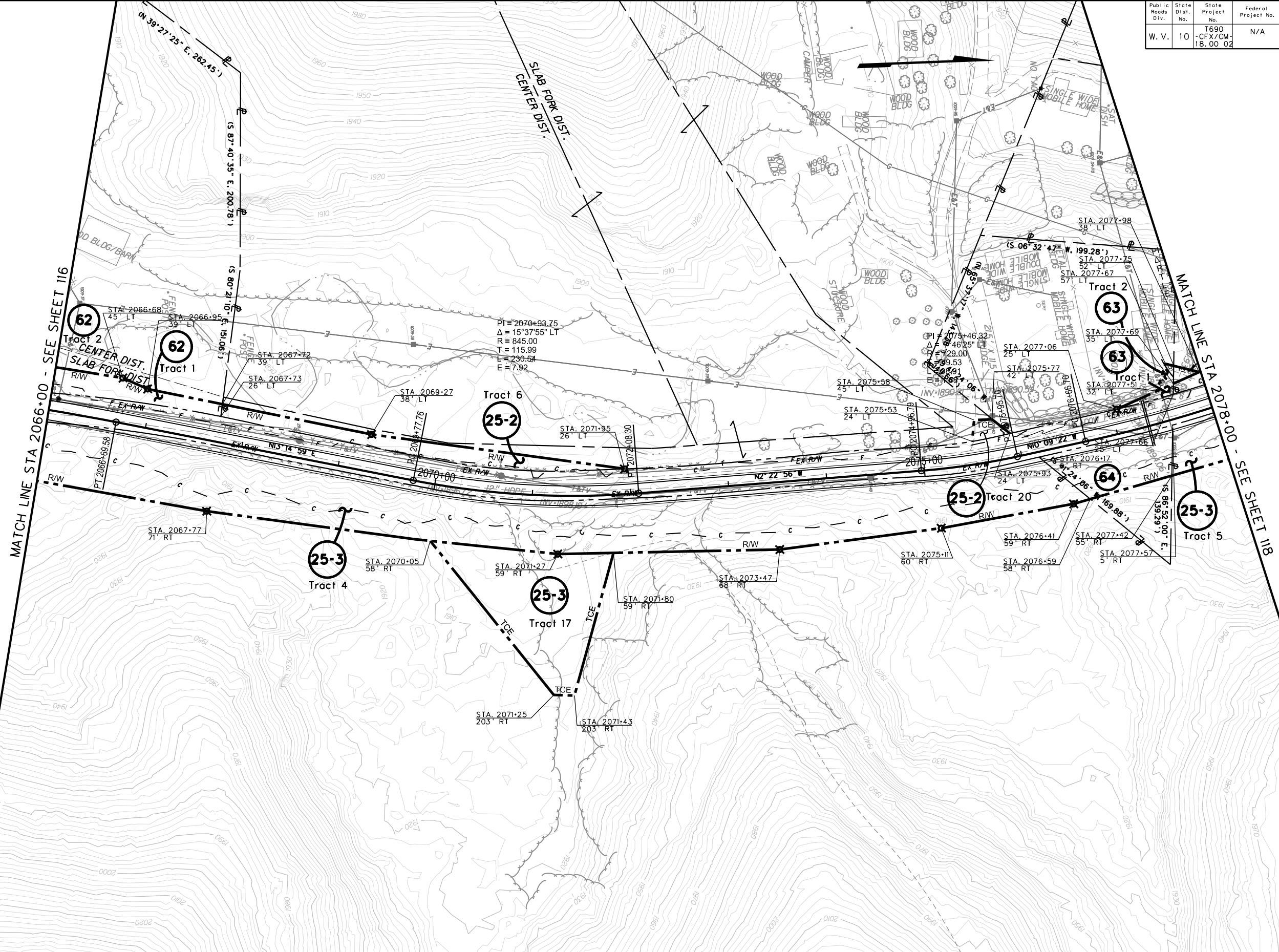


SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
**RIGHT OF WAY
 PLAN SHEET**

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	117	209



MATCH LINE STA 2066+00 - SEE SHEET 116

MATCH LINE STA 2078+00 - SEE SHEET 118

R/W-3 02/28/22



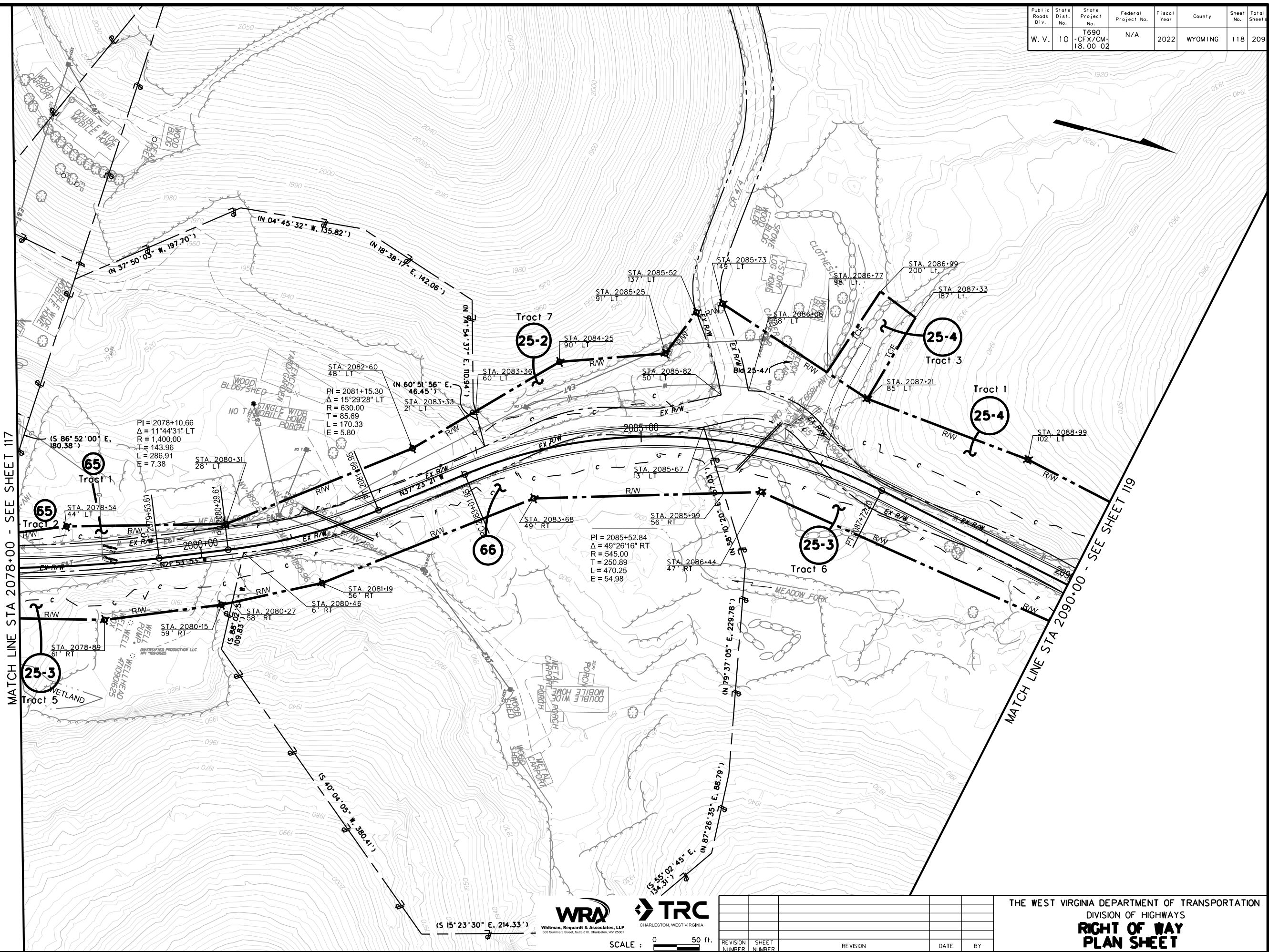
SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**RIGHT OF WAY
PLAN SHEET**

28-MAY-2022 10:06:51 AM

Public Roads Div.	State No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	118	209



MATCH LINE STA 2078+00 - SEE SHEET 117

MATCH LINE STA 2090+00 - SEE SHEET 119

R/W-3 02/28/22



SCALE : 0 50 ft.

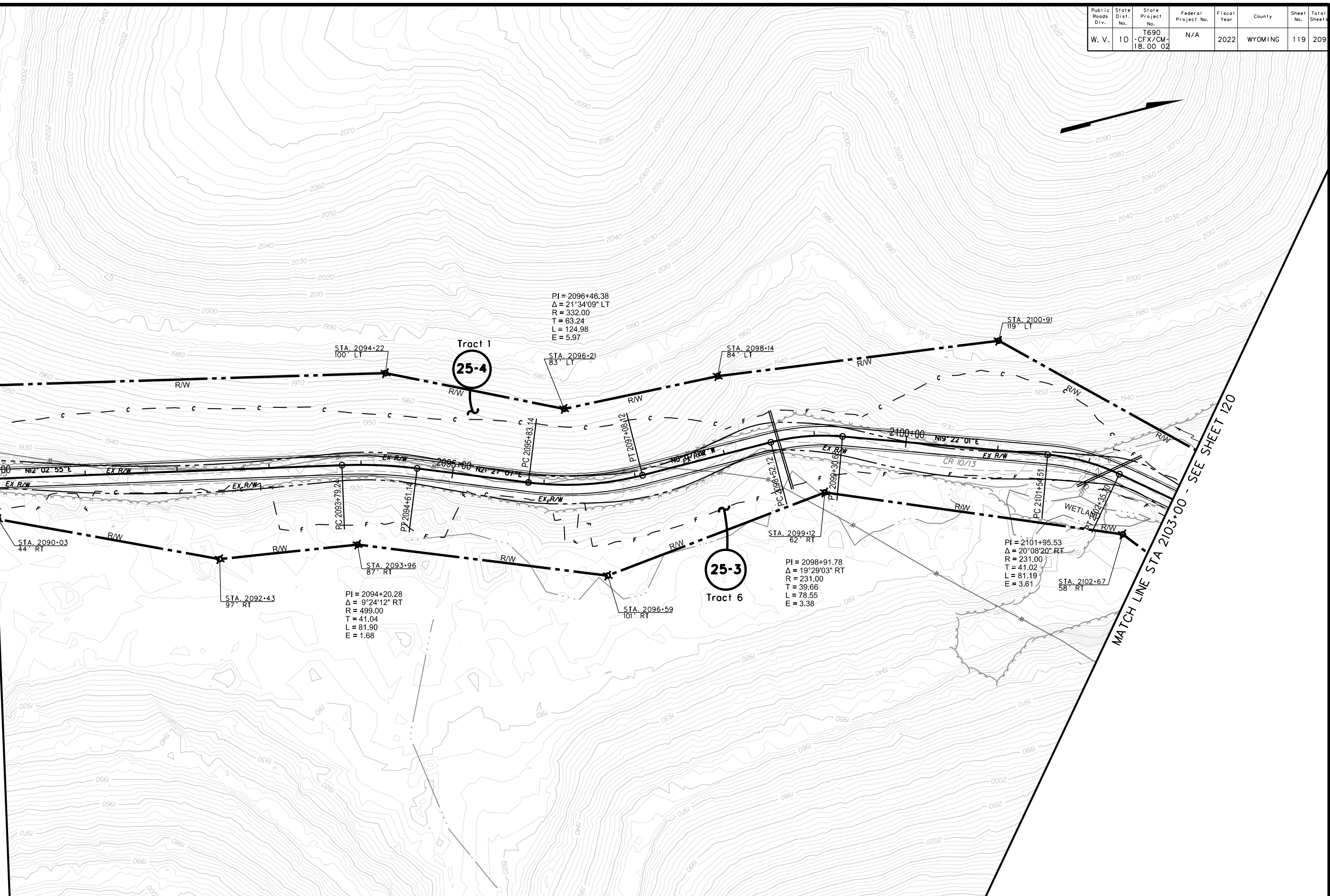
REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
**RIGHT OF WAY
 PLAN SHEET**

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM- 18.00 02	N/A	2022	WYOMING	119	209

MATCH LINE STA 2090+00 - SEE SHEET 118

MATCH LINE STA 2103+00 - SEE SHEET 120



PI = 2096+46.38
 $\Delta = 21^{\circ}34'09''$ LT
 R = 332.00
 T = 63.24
 L = 124.98
 E = 5.97

Tract 1
25-4

PI = 2098+91.78
 $\Delta = 19^{\circ}29'03''$ RT
 R = 231.00
 T = 39.66
 L = 78.55
 E = 3.38

Tract 6
25-3

PI = 2101+95.53
 $\Delta = 20^{\circ}08'20''$ RT
 R = 231.00
 T = 41.02
 L = 81.19
 E = 3.61

PI = 2094+20.28
 $\Delta = 9^{\circ}24'12''$ RT
 R = 499.00
 T = 41.04
 L = 81.90
 E = 1.68



SCALE : 0 50 ft.

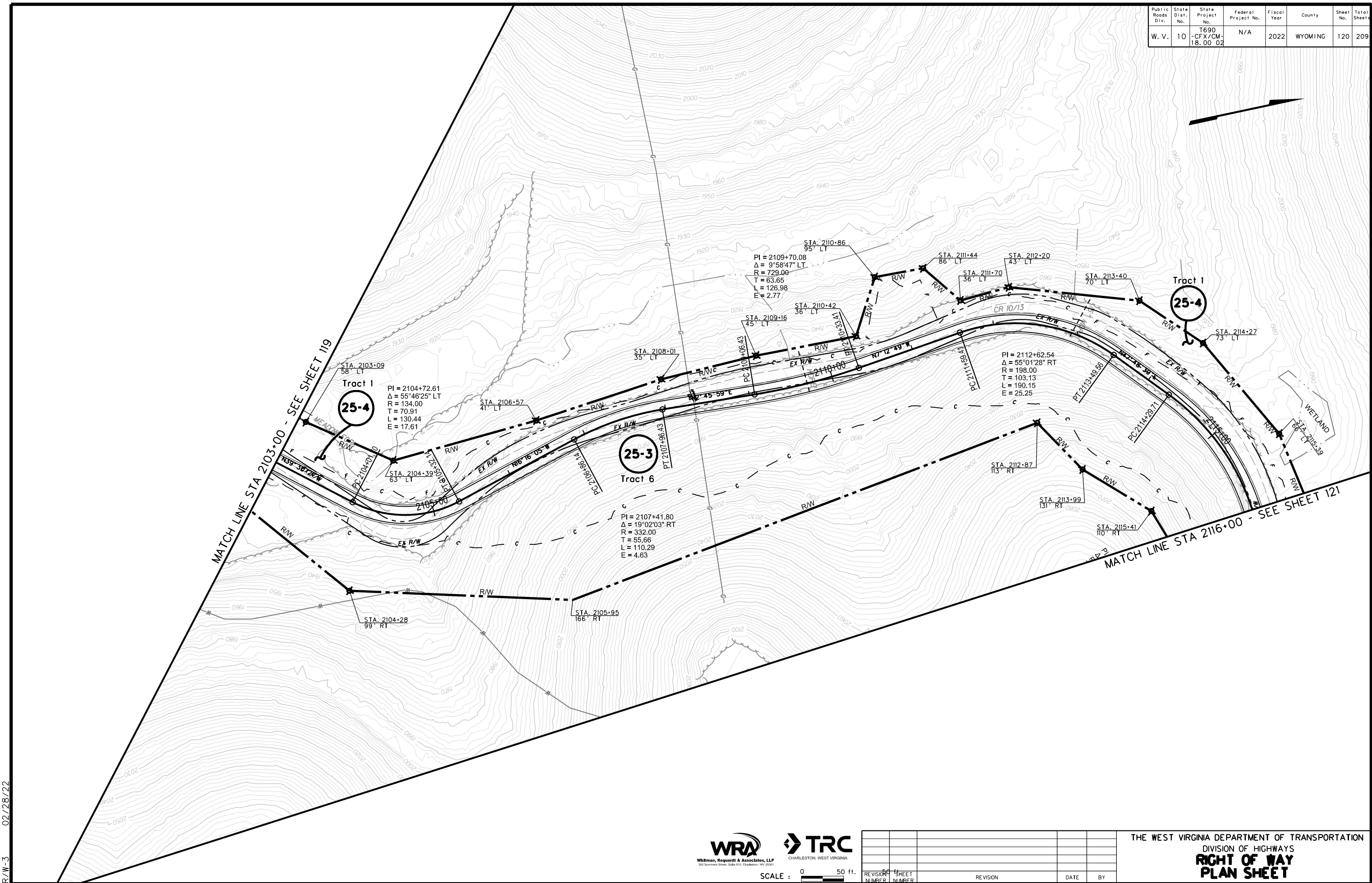
REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
**RIGHT OF WAY
 PLAN SHEET**

R/W-3 02/28/22

28-MAY-2022 10:05:59

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	120	209



MATCH LINE STA 2103+00 - SEE SHEET 119

MATCH LINE STA 2116+00 - SEE SHEET 121

Tract I
25-4
PI = 2104+72.61
Δ = 55°46'25" LT
R = 134.00
T = 70.91
L = 130.44
E = 17.61

Tract 6
25-3
PI = 2107+41.80
Δ = 19°02'03" RT
R = 332.00
T = 55.66
L = 110.29
E = 4.63

PI = 2112+62.54
Δ = 55°01'28" RT
R = 198.00
T = 103.13
L = 190.15
E = 25.25

PI = 2109+70.08
Δ = 9°58'47" LT
R = 729.00
T = 63.65
L = 126.98
E = 2.77

STA 2104+28
99 RT

STA 2105+95
166 RT

STA 2112+87
113 RT

STA 2113+99
131 RT

STA 2115+41
110 RT

Tract I
25-4
STA 2114+27
73 LT

WETLAND
STA 2115+39
86 LT



SCALE : 0 50 ft.

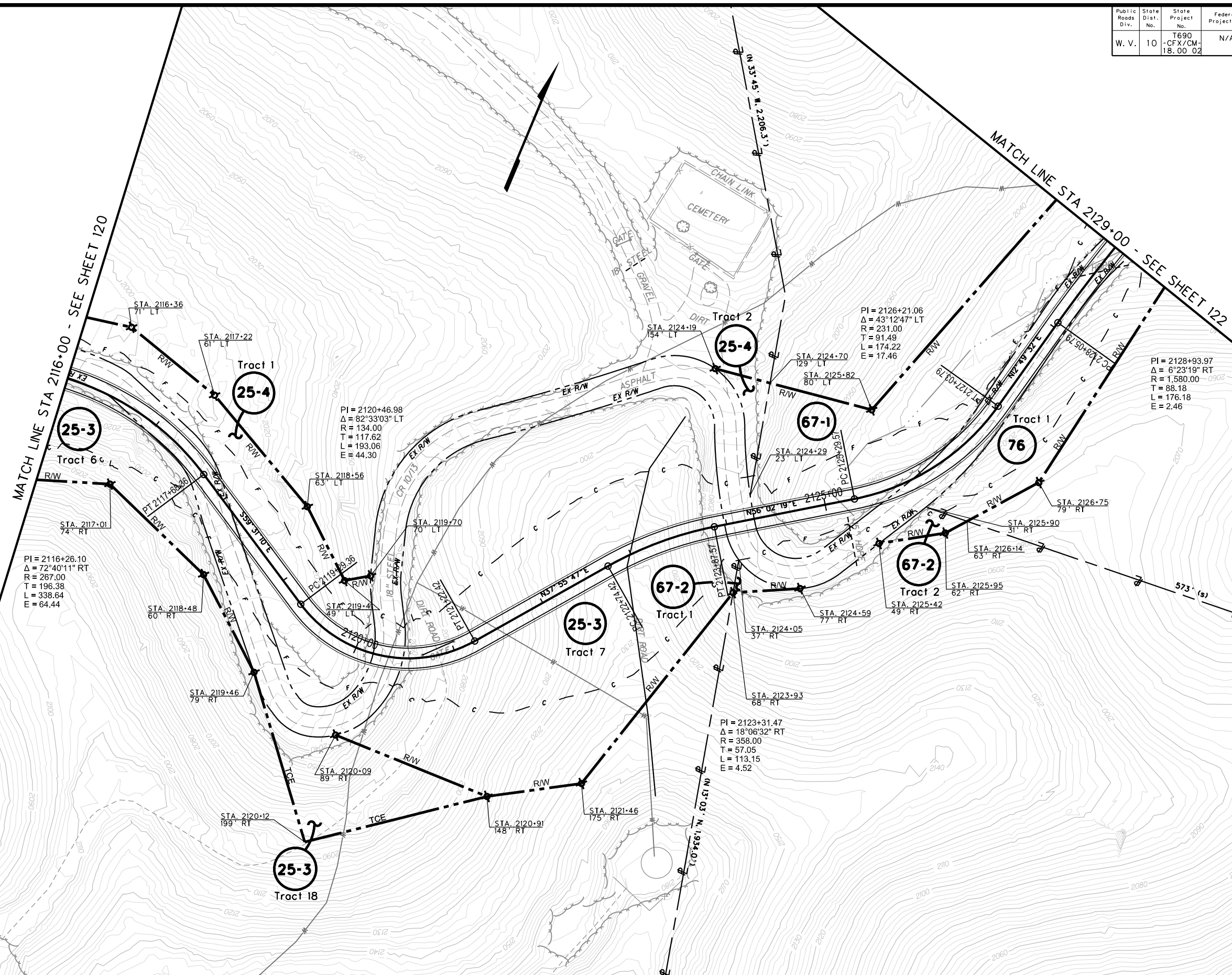
REVISION NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**RIGHT OF WAY
PLAN SHEET**

R/W-3 02/28/22

28-MAY-2022 08:59 PM

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	121	209



MATCH LINE STA 2116+00 - SEE SHEET 120

MATCH LINE STA 2129+00 - SEE SHEET 122

PI = 2116+26.10
 $\Delta = 72^\circ 40' 11''$ RT
 R = 267.00
 T = 196.38
 L = 338.64
 E = 64.44

PI = 2120+46.98
 $\Delta = 82^\circ 33' 03''$ LT
 R = 134.00
 T = 117.62
 L = 193.06
 E = 44.30

PI = 2126+21.06
 $\Delta = 43^\circ 12' 47''$ LT
 R = 231.00
 T = 91.49
 L = 174.22
 E = 17.46

PI = 2128+93.97
 $\Delta = 6^\circ 23' 19''$ RT
 R = 1,580.00
 T = 88.18
 L = 176.18
 E = 2.46

PI = 2123+31.47
 $\Delta = 18^\circ 06' 32''$ RT
 R = 358.00
 T = 57.05
 L = 113.15
 E = 4.52

R/W-3 02/28/22

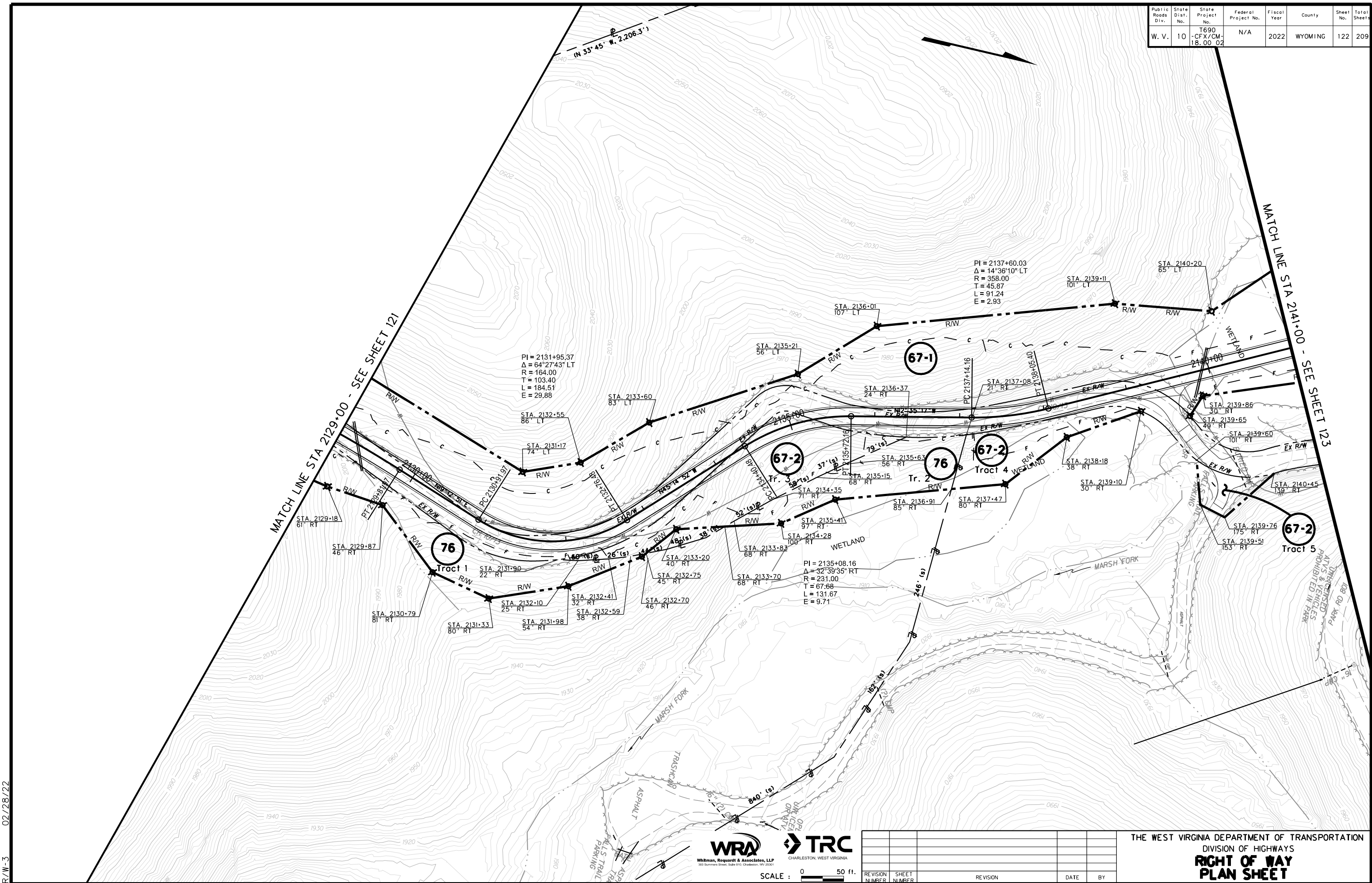
WRA **TRC**
 Whittman, Reardon & Associates, LLP
 300 Summers Street, Suite 610, Charleston, WV 25301
 CHARLESTON, WEST VIRGINIA

SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
**RIGHT OF WAY
 PLAN SHEET**

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	122	209



R/W-3 02/28/22



SCALE : 0 50 ft.

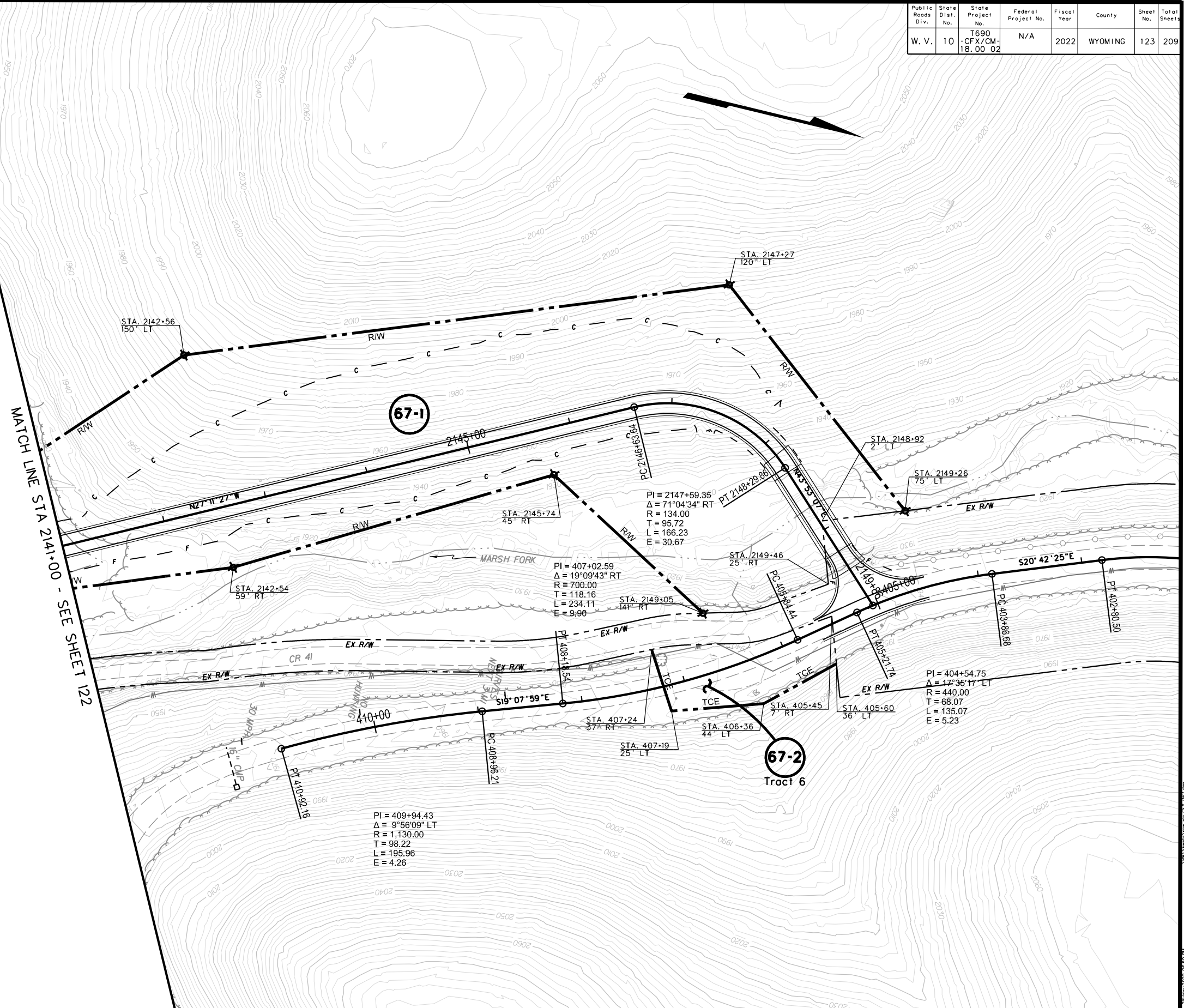
REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
**RIGHT OF WAY
 PLAN SHEET**

28-MAY-2022 08:50:14

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheets
W. V.	10	T690 -CFX/CM- 18.00 02	N/A	2022	WYOMING	123	209

MATCH LINE STA 2141+00 - SEE SHEET 122



67-1

67-2
Tract 6

PI = 409+94.43
 $\Delta = 9^{\circ}56'09''$ LT
 R = 1,130.00
 T = 98.22
 L = 195.96
 E = 4.26

PI = 2147+59.35
 $\Delta = 71^{\circ}04'34''$ RT
 R = 134.00
 T = 95.72
 L = 166.23
 E = 30.67

PI = 407+02.59
 $\Delta = 19^{\circ}09'43''$ RT
 R = 700.00
 T = 118.16
 L = 234.11
 E = 9.90

PI = 404+54.75
 $\Delta = 17^{\circ}35'17''$ LT
 R = 440.00
 T = 68.07
 L = 135.07
 E = 5.23



SCALE : 0 50 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
**RIGHT OF WAY
 PLAN SHEET**

R/W-3 02/28/22

28 Mar 2022 08:50 AM

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM- 18.00 02	N/A	2022	WYOMING	124	209

L1 = N29°39'58"W
22.63'
L2=S27°05'59"E
66.33'

N 215060.8334
E 1842015.3790
Z 2219.7077
L1

N 214404.8751
E 1842755.6790
Z 2172.9912

N 222789.4021 68
E 1834154.0700
Z 1902.1758

L1 = S70°13'E
117.5'
L2=S45°10'E
80.3'

L1 = N67°22'E
13.9'
L2=S28°37'E
20.7'

N 216532.5964
E 1842532.1800
Z 2278.7827

L1 = S75°38'W
27.8'
L2=S43°01'E
26.4'

L1 = S45°25'E
51.0'
L2=S12°02'W
137.4'

N 216596.7236
E 1842104.3700
Z 2276.9795

N 213992.3727
E 1839605.3070
Z 1938.3396

L1 = N87°27'W
41.0'
L2=S21°38'E
16.1'

WELLHEAD
47-109-02671

SEP/CH.



SCALE : 0 20 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

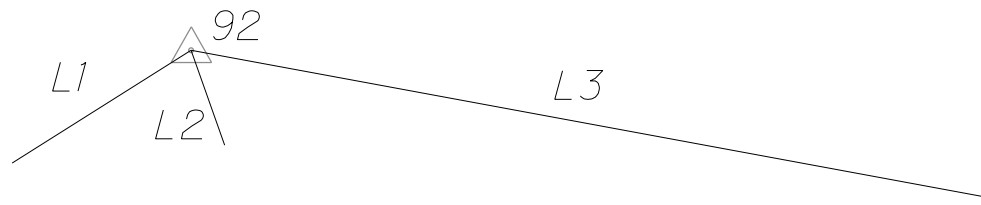
THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**SURVEY REFERENCE
POINTS (1 OF 15)**

R/W-3 02/28/22

28-Apr-2022 10:06:59 AM

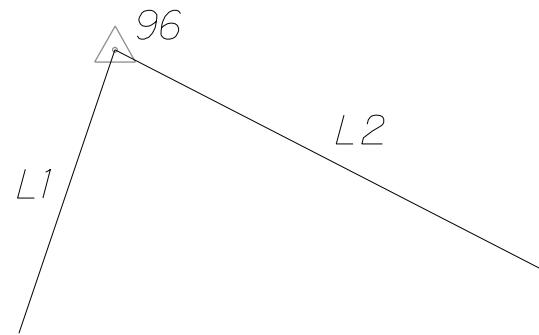
Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	125	209

N 213328.7434
E 1837355.3680
Z 2137.2839



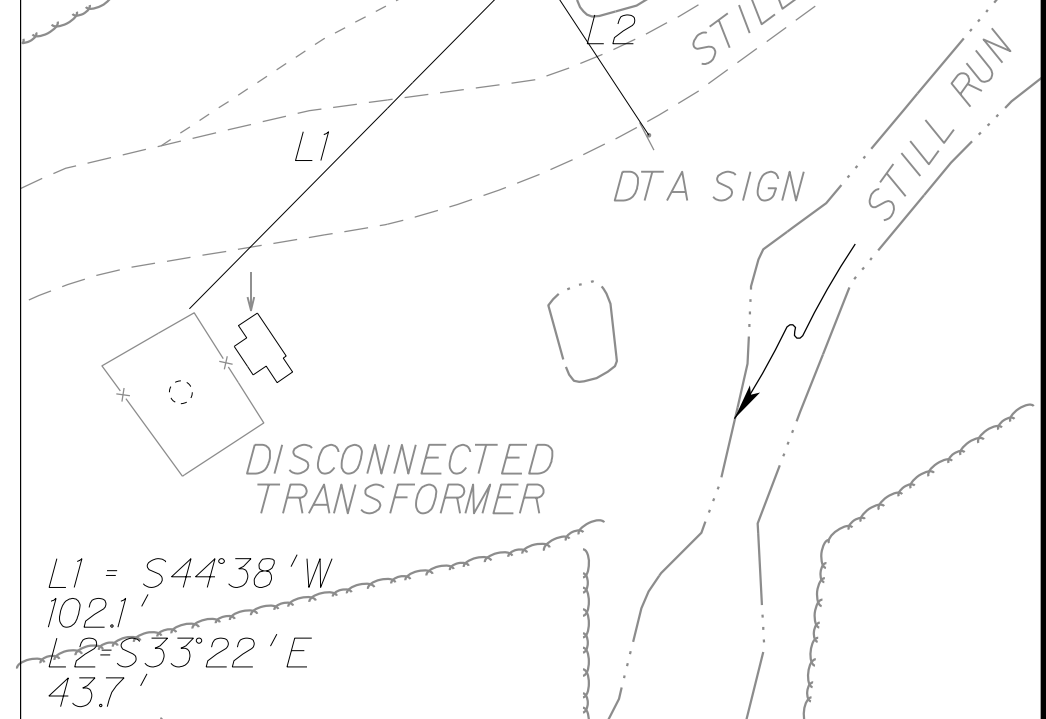
L1 = S57°48' W
44.1'
L2 = S19°26' E
21.0'
L3 = S79°32' E
196.6'

N 213401.9507
E 1838217.3000
Z 2130.0956



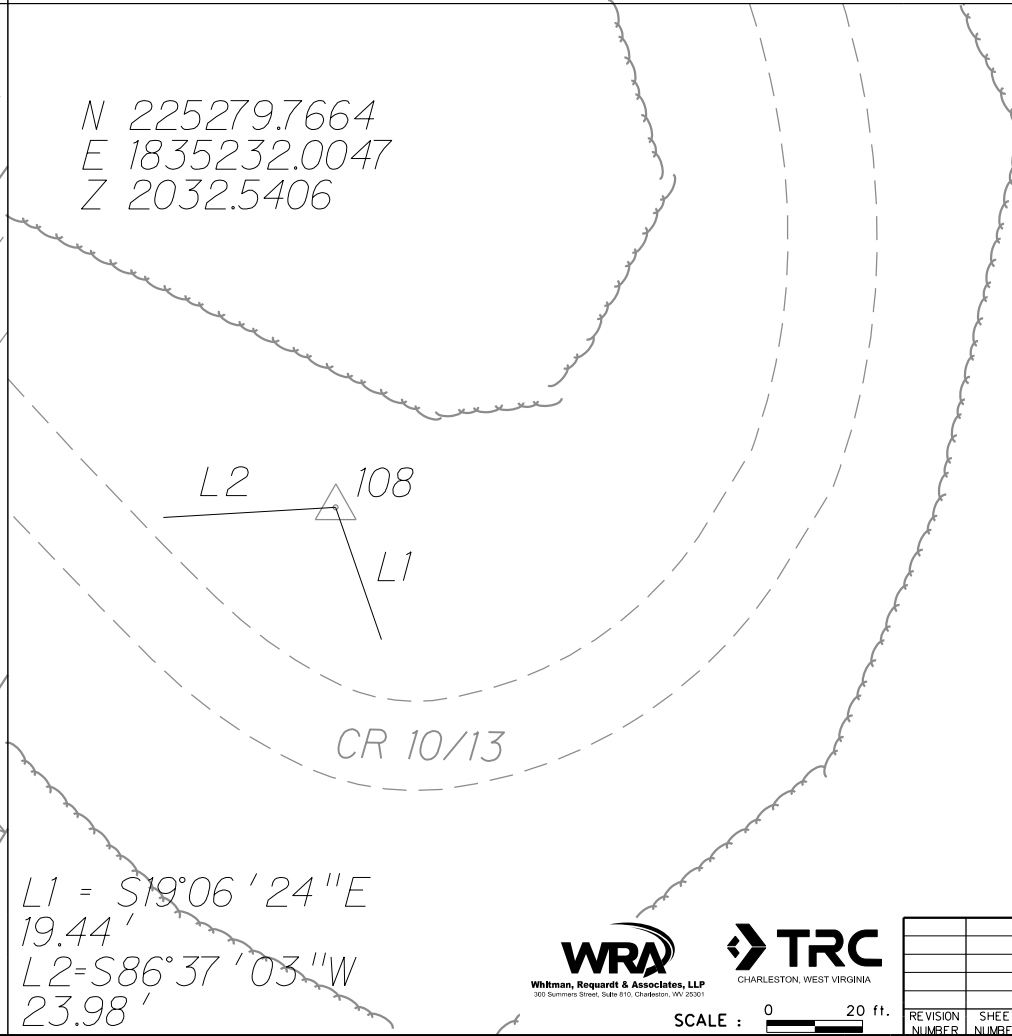
L1 = S18°41' W
20.8'
L2 = S62°47' E
33.9'

N 213952.0551
E 1845342.3470
Z 1444.4087



L1 = S44°38' W
102.1'
L2 = S33°22' E
43.7'

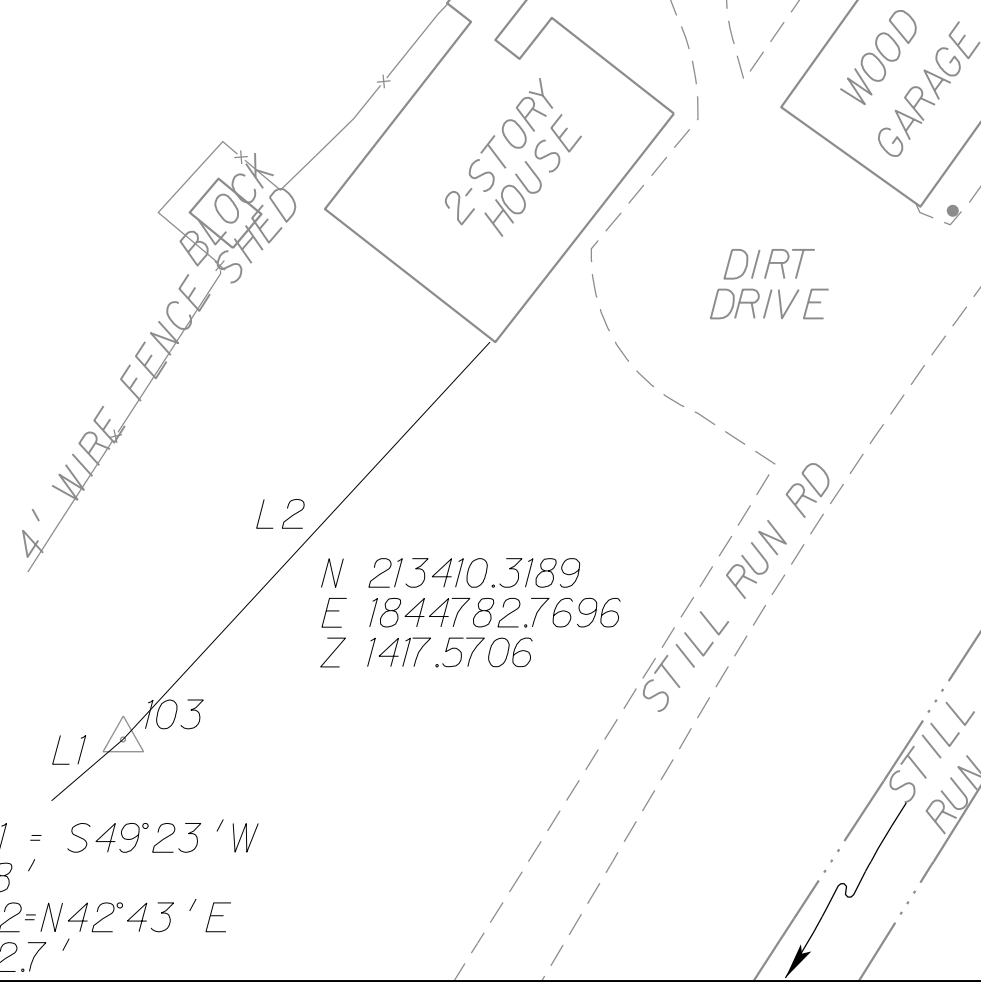
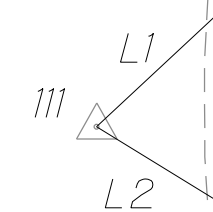
N 225279.7664
E 1835232.0047
Z 2032.5406



L1 = S19°06' 24" E
19.44'
L2 = S86°37' 03" W
23.98'

L1 = N47°03' 19" E
19144'
L2 = S58°25' 12" E
9.70'

N 227575.499
E 1837646.3699
Z 2070.2024



N 213410.3189
E 1844782.7696
Z 1417.5706

L1 = S49°23' W
1.8'
L2 = N42°43' E
112.7'



SCALE : 0 20 ft.

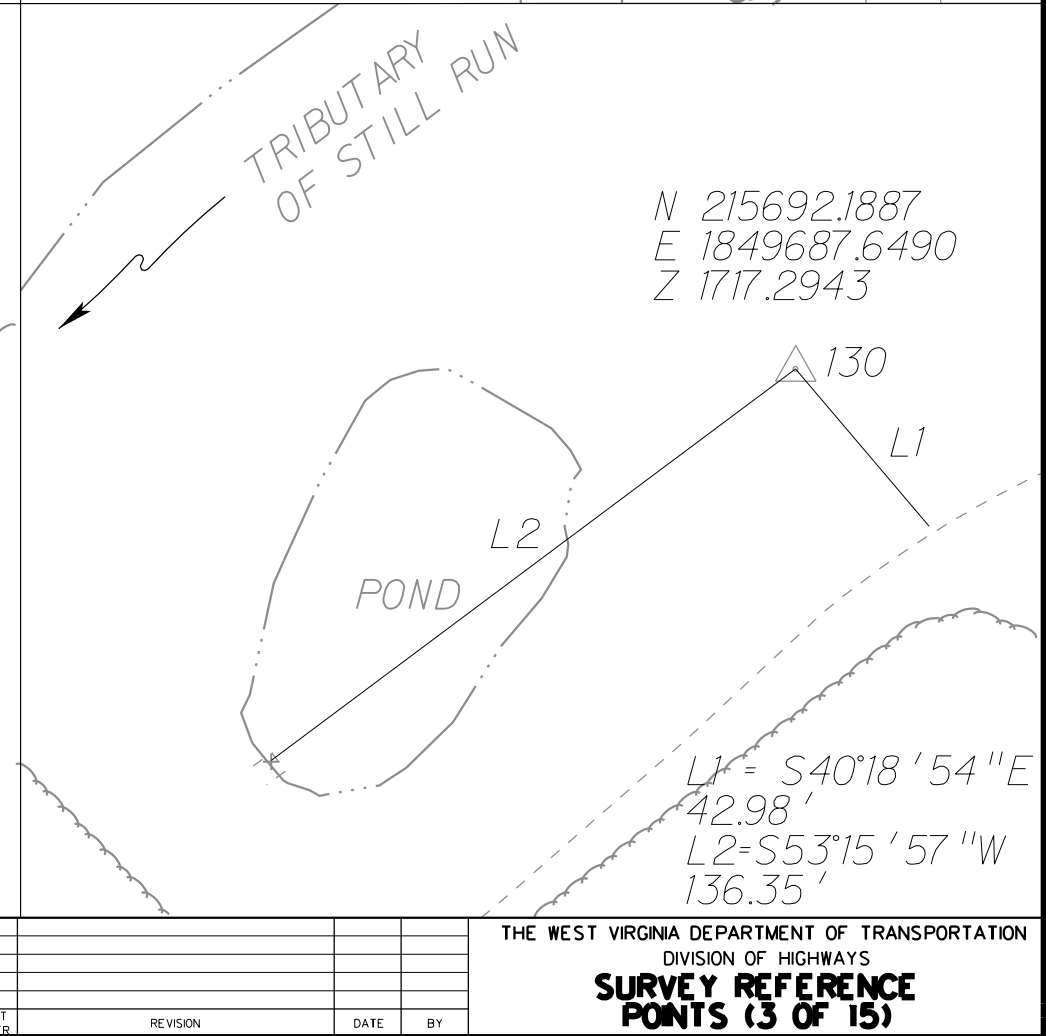
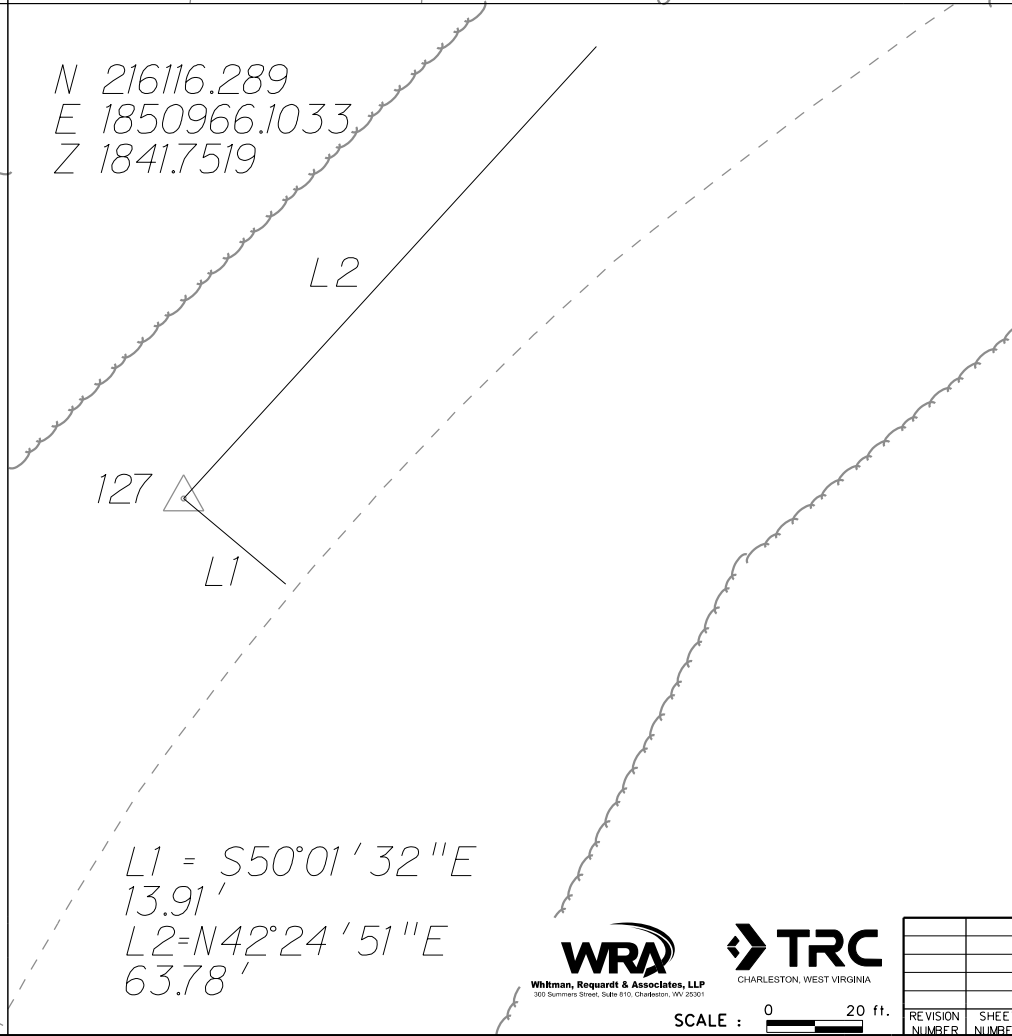
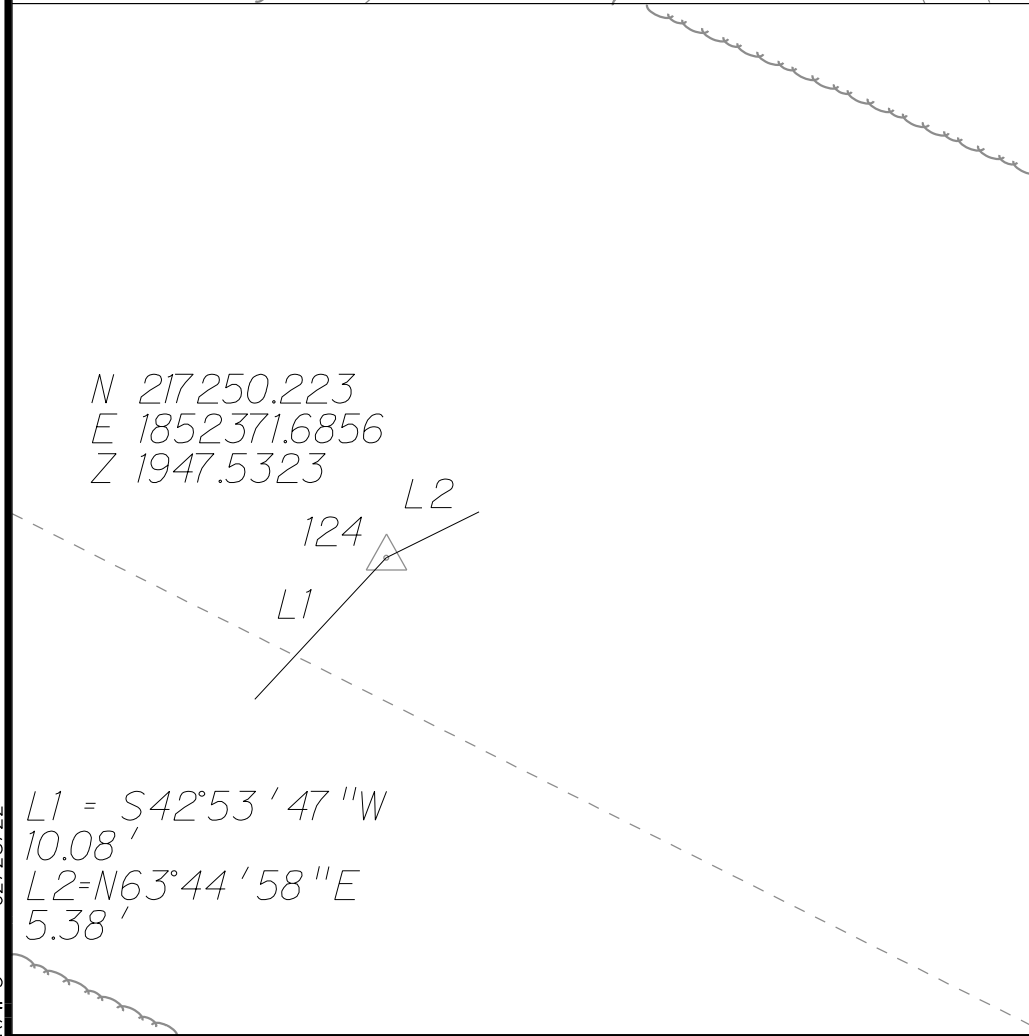
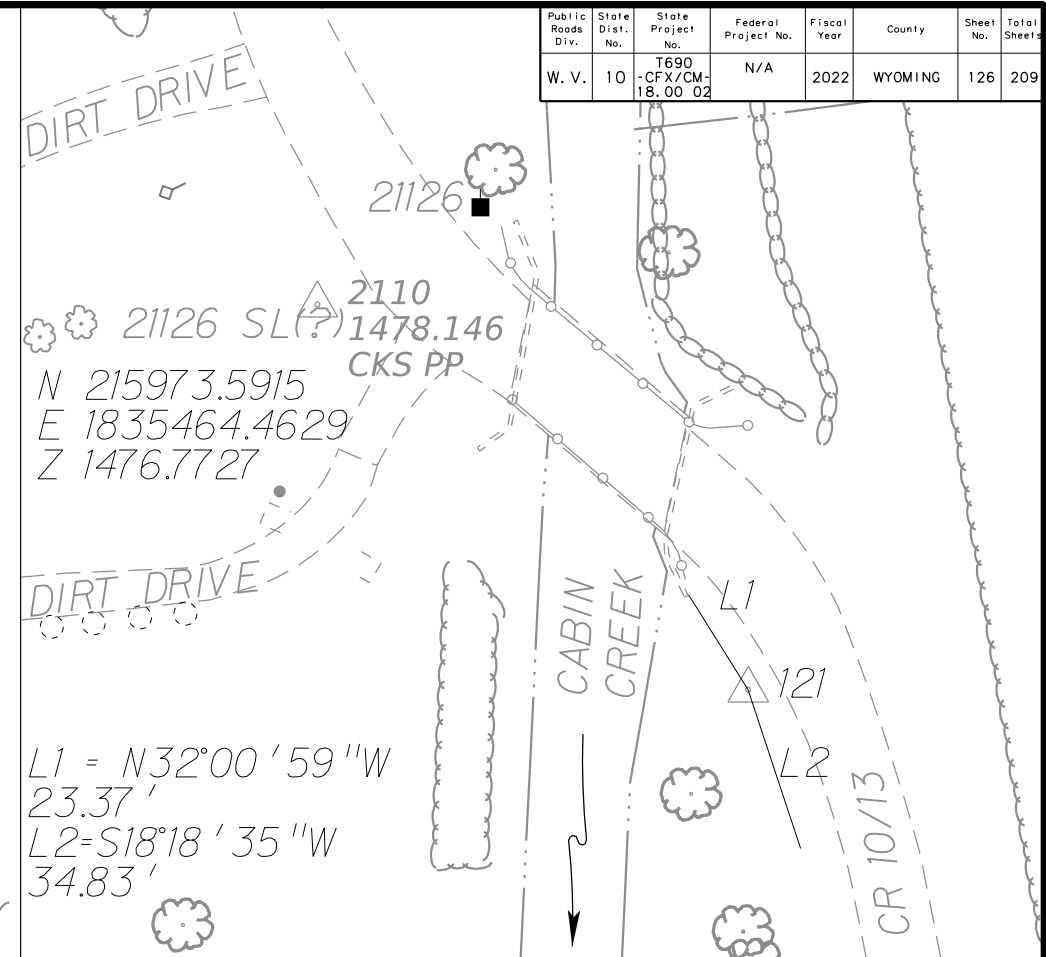
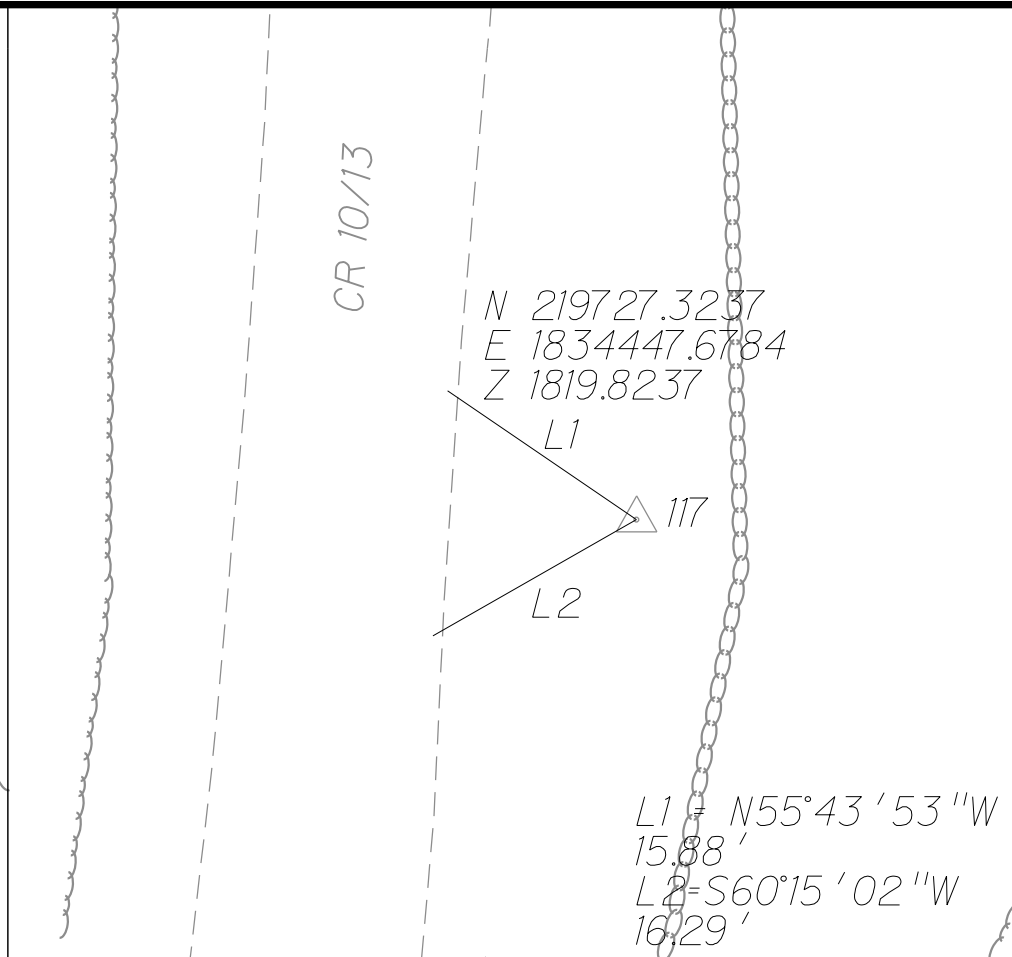
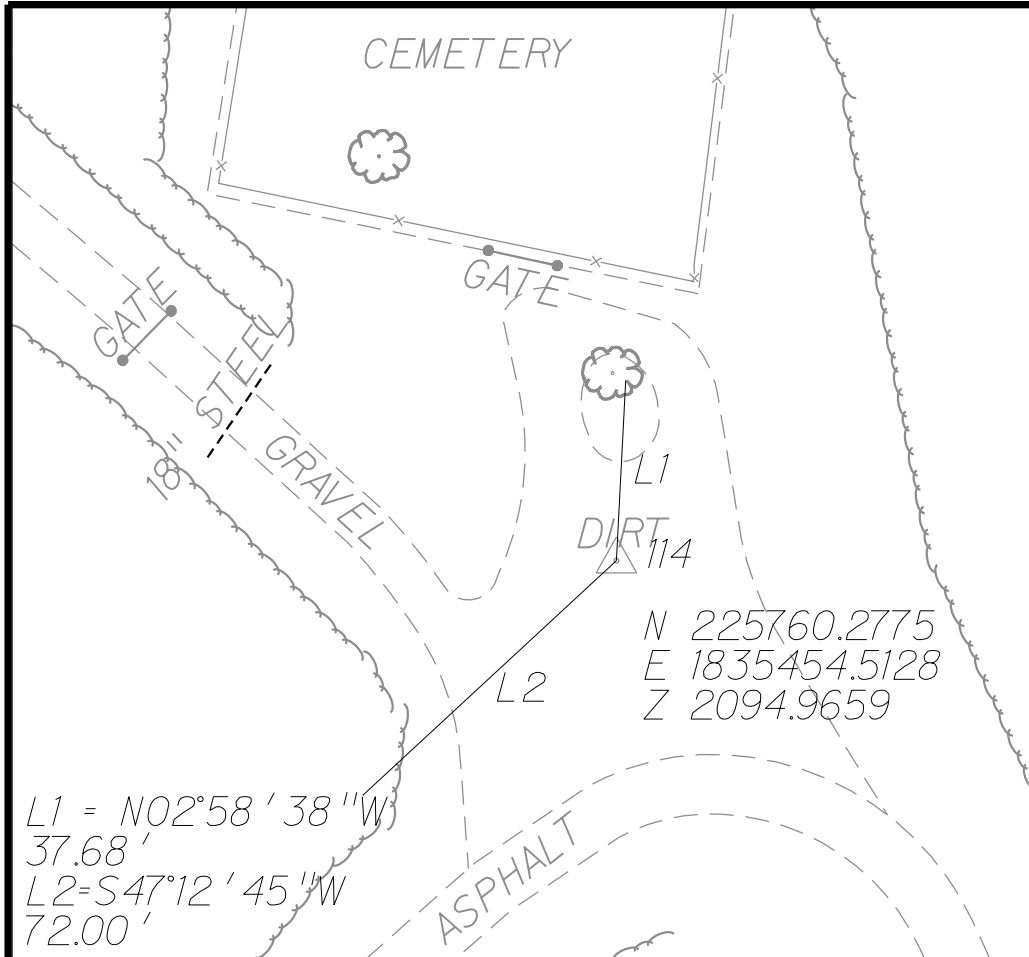
REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**SURVEY REFERENCE
POINTS (2 OF 15)**

R/W-3 02/28/22

28-Apr-2022 10:05:59 AM

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	126	209



R/W-3 02/28/22



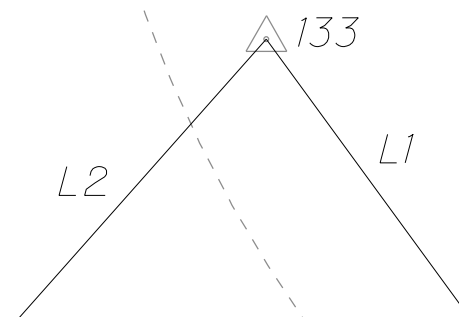
SCALE : 0 20 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**SURVEY REFERENCE
POINTS (3 OF 15)**

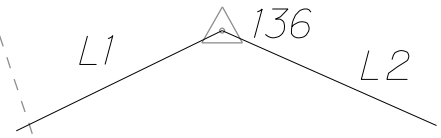
Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM- 18.00 02	N/A	2022	WYOMING	127	209

N 215498.7539
E 1846037.6466
Z 1671.6879



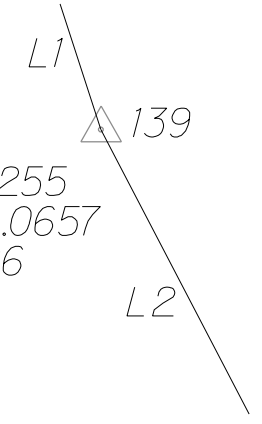
L1 = S36°08'15"E
34.44'
L2 = S41°36'06"W
38.77'

N 214846.0015
E 1846439.8365
Z 1681.3702



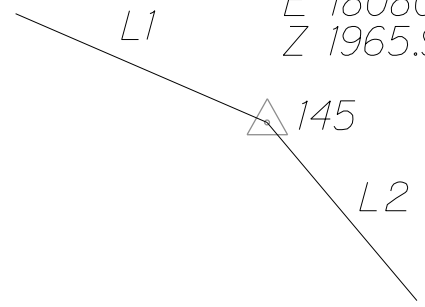
L1 = S63°58'08"W
23.85'
L2 = S66°07'40"E
24.45'

N 172143.8255
E 1805555.0657
Z 1947.7826



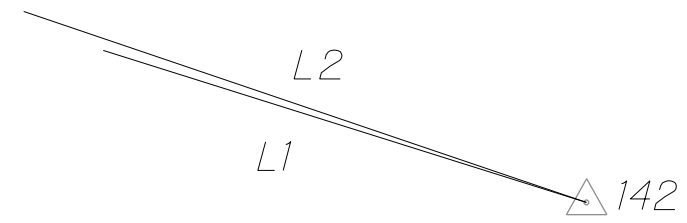
L1 = N17°59'06"W
6.88'
L2 = S27°30'06"E
16.71'

N 178512.7577
E 1808099.0053
Z 1965.9602



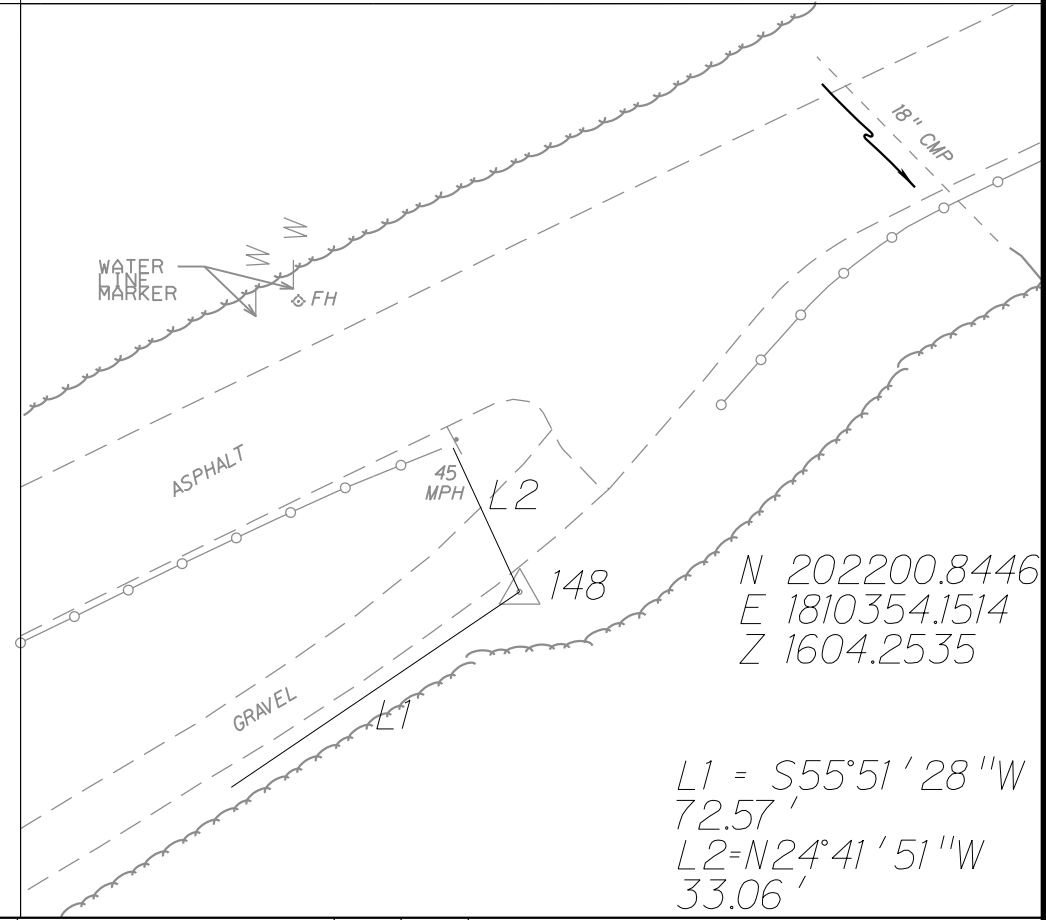
L1 = N66°37'58"W
14.27'
L2 = S40°03'24"E
12.13'

N 175285.3772
E 1806206.3889
Z 1928.2691



L1 = N72°32'41"W
26.38'
L2 = N71°16'19"W
30.96'

N 202200.8446
E 1810354.1514
Z 1604.2535



L1 = S55°51'28"W
72.57'
L2 = N24°41'51"W
33.06'

R/W-3 02/28/22

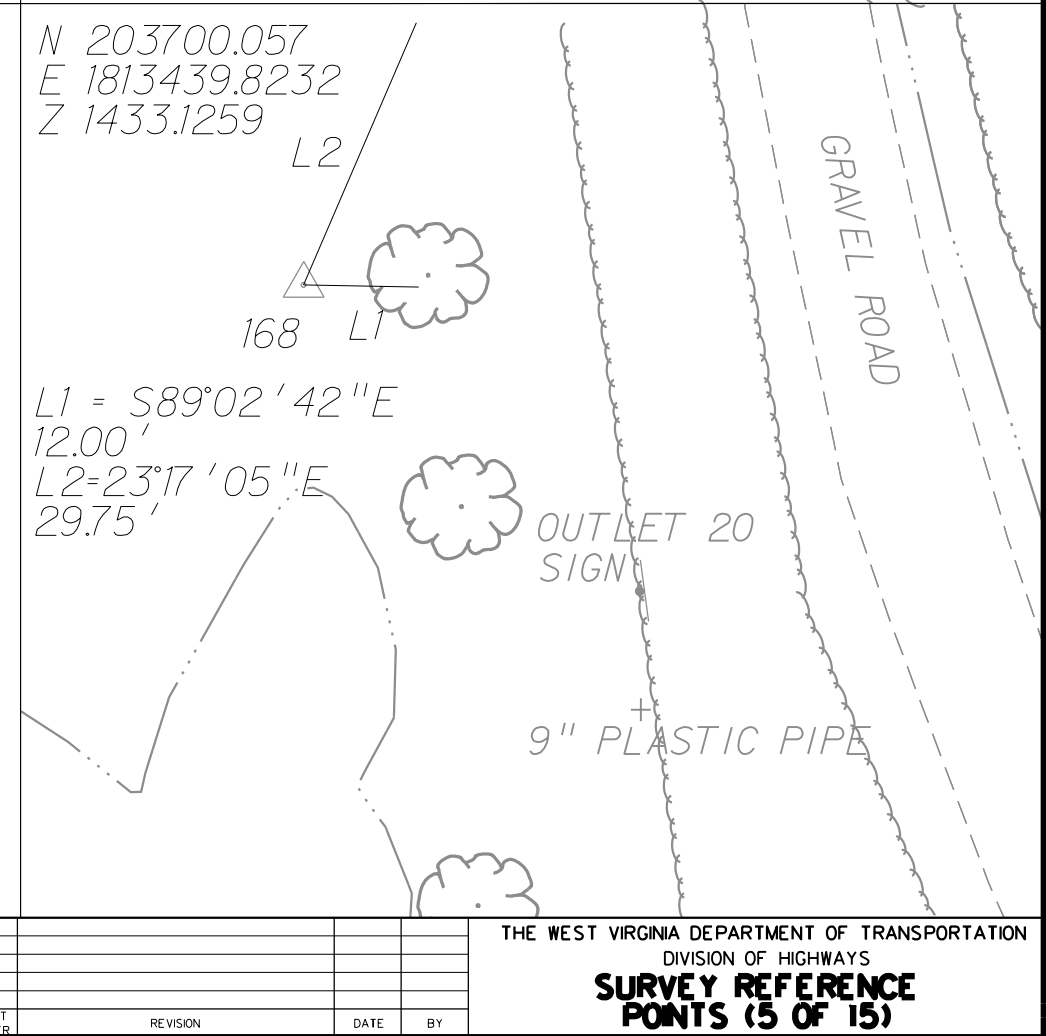
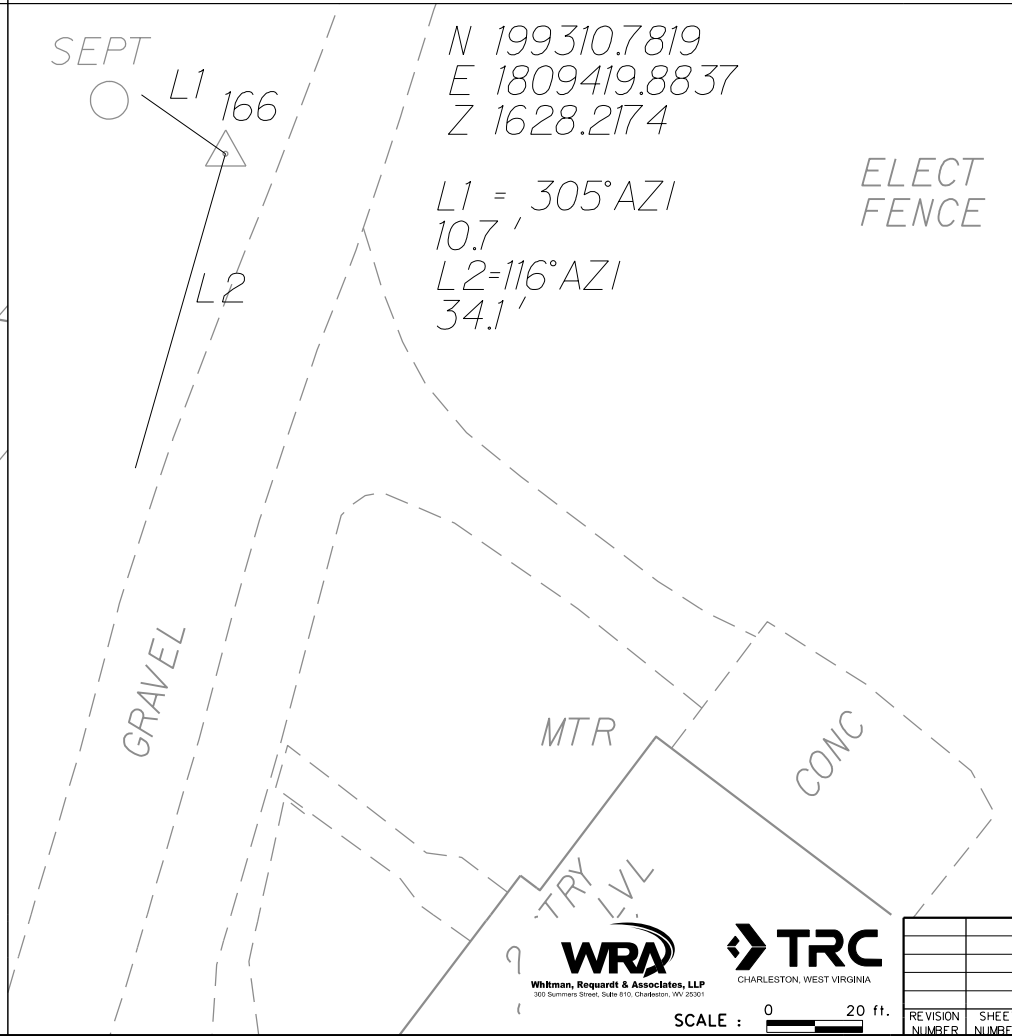
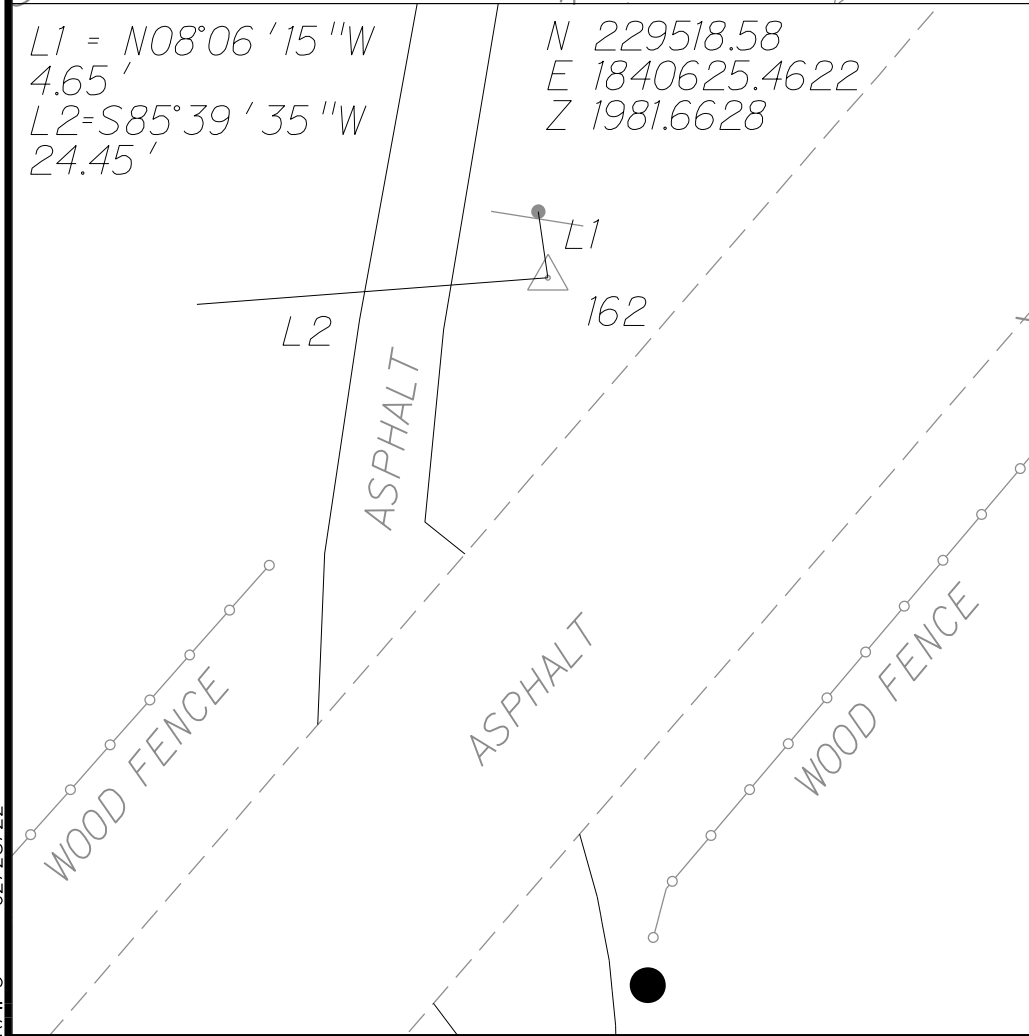
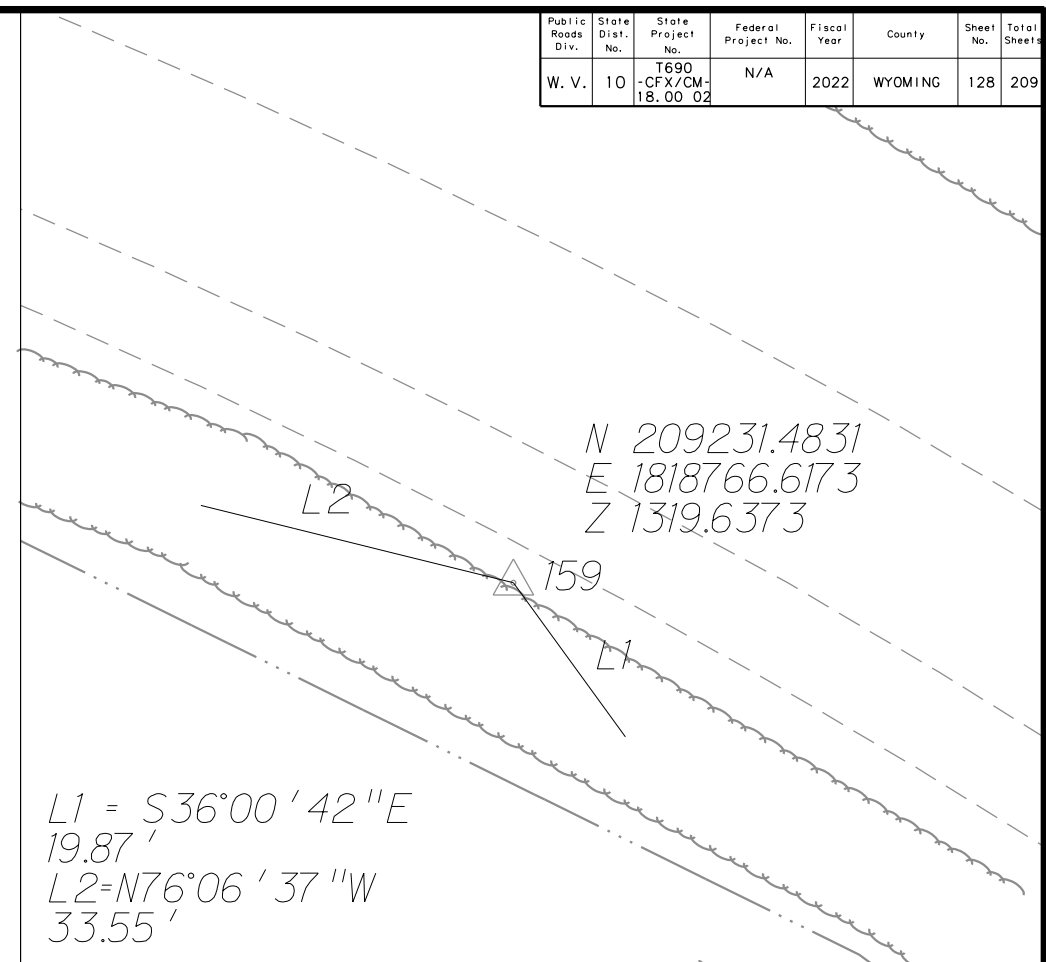
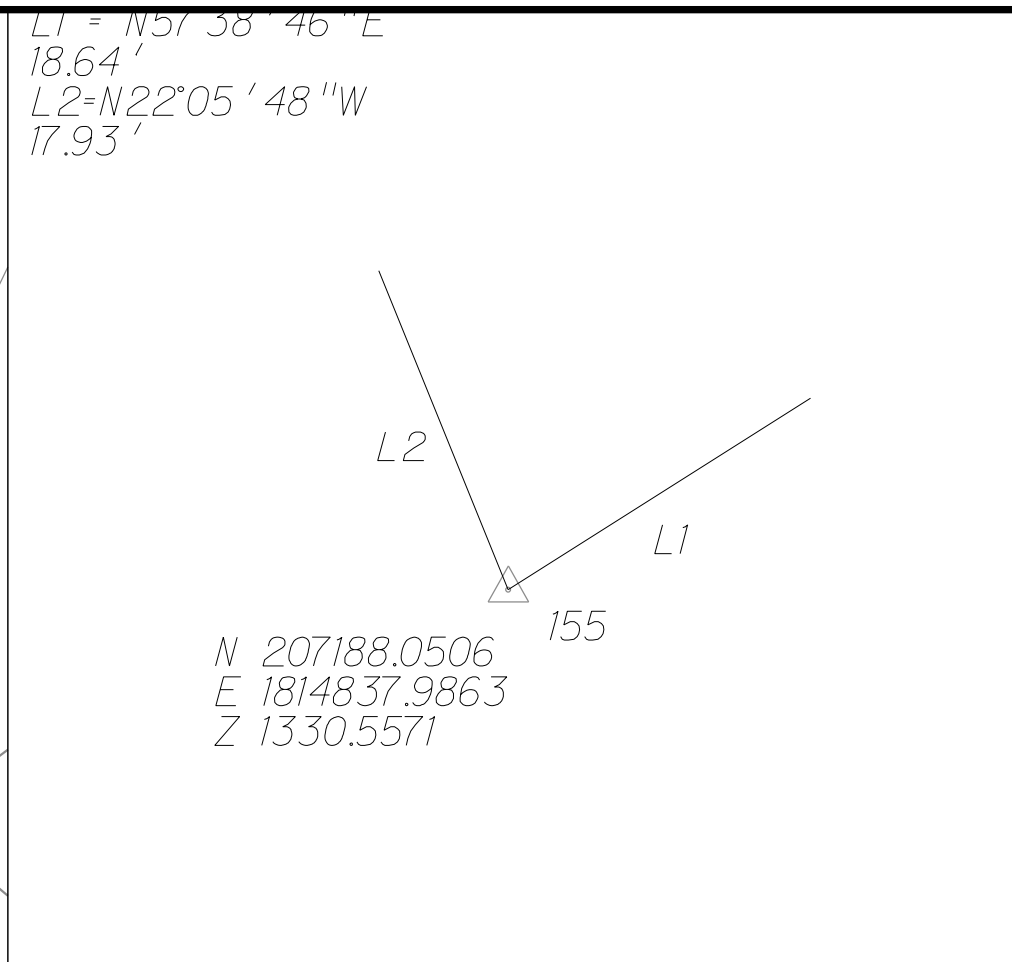
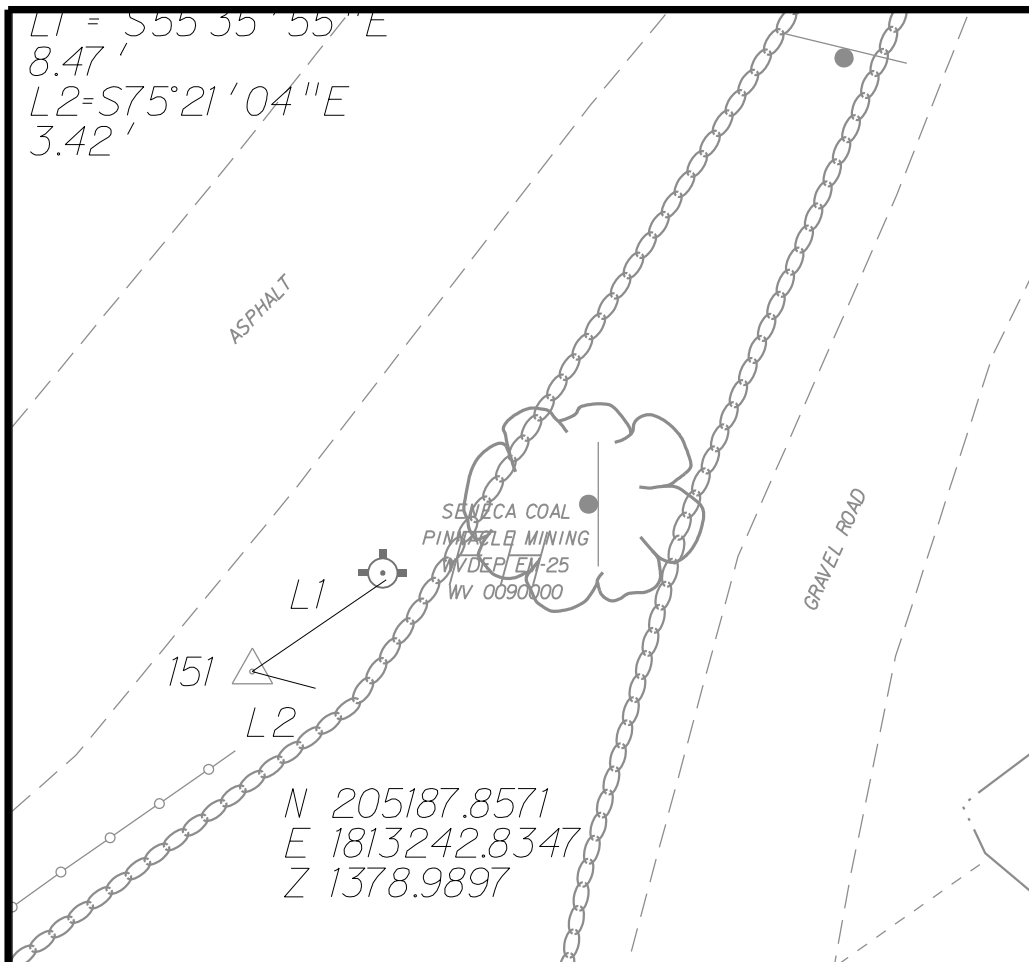


SCALE : 0 20 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**SURVEY REFERENCE
POINTS (4 OF 15)**

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	128	209



R/W-3 02/28/22

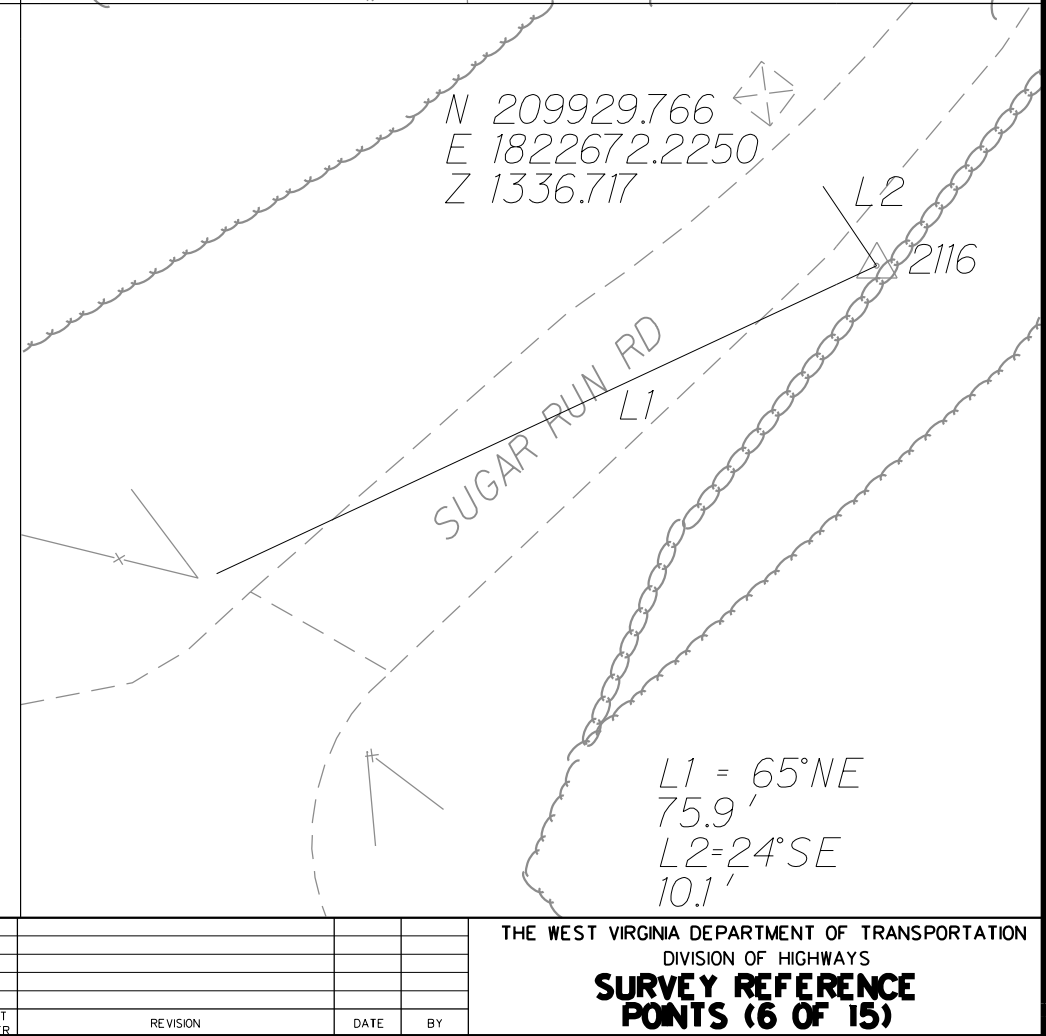
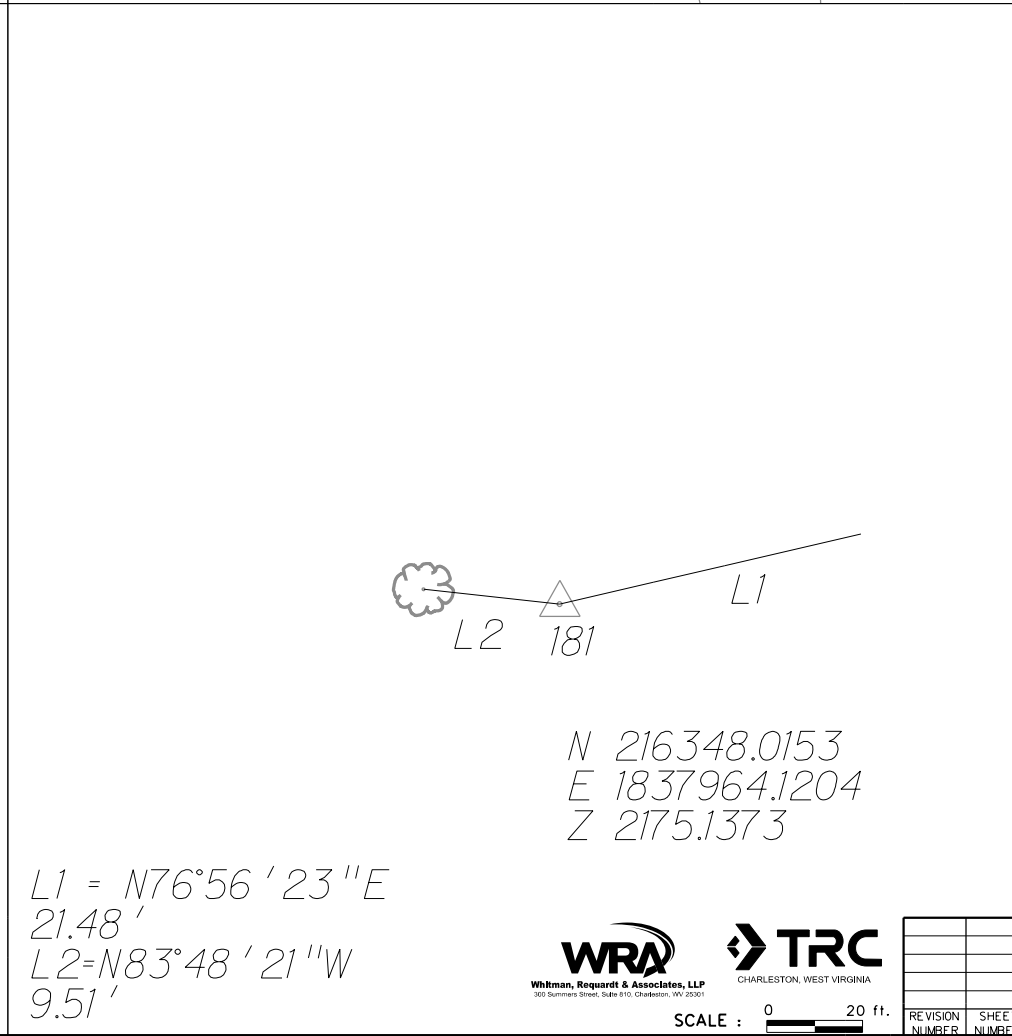
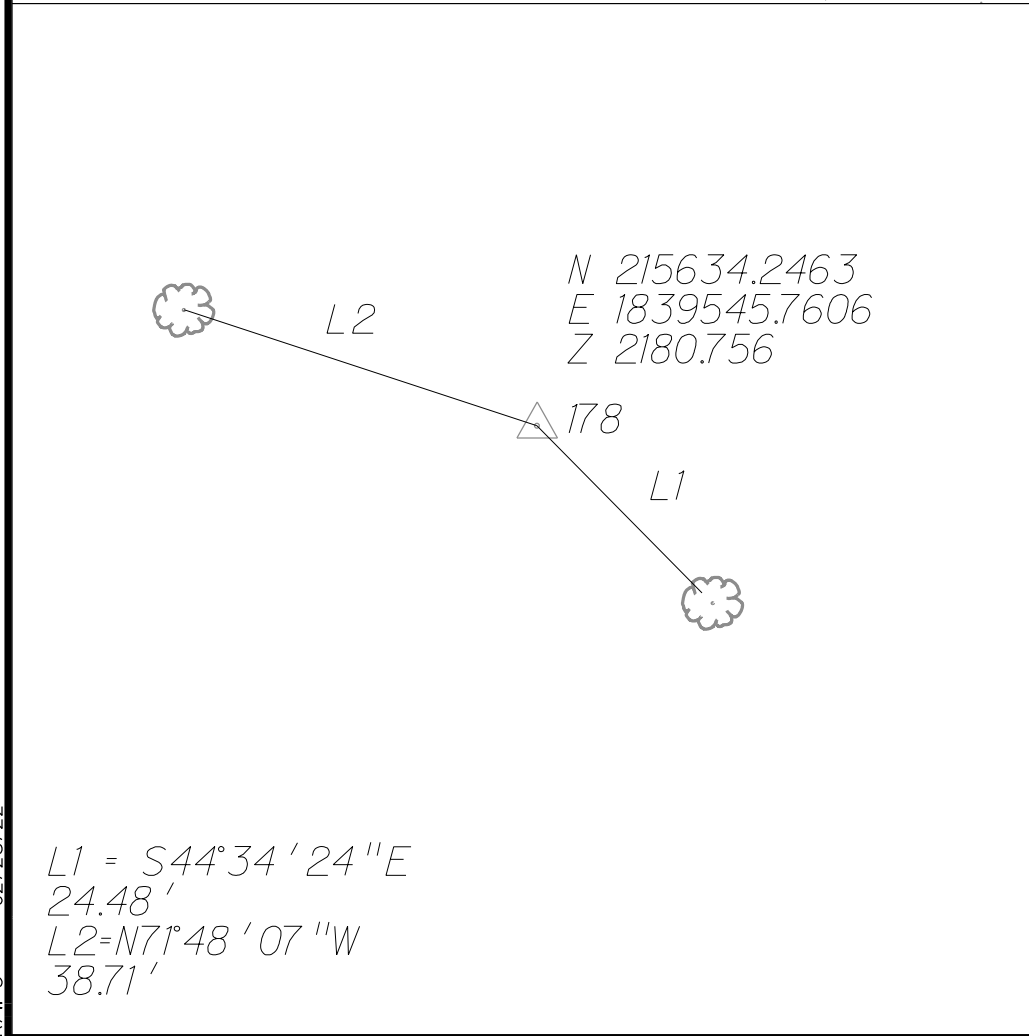
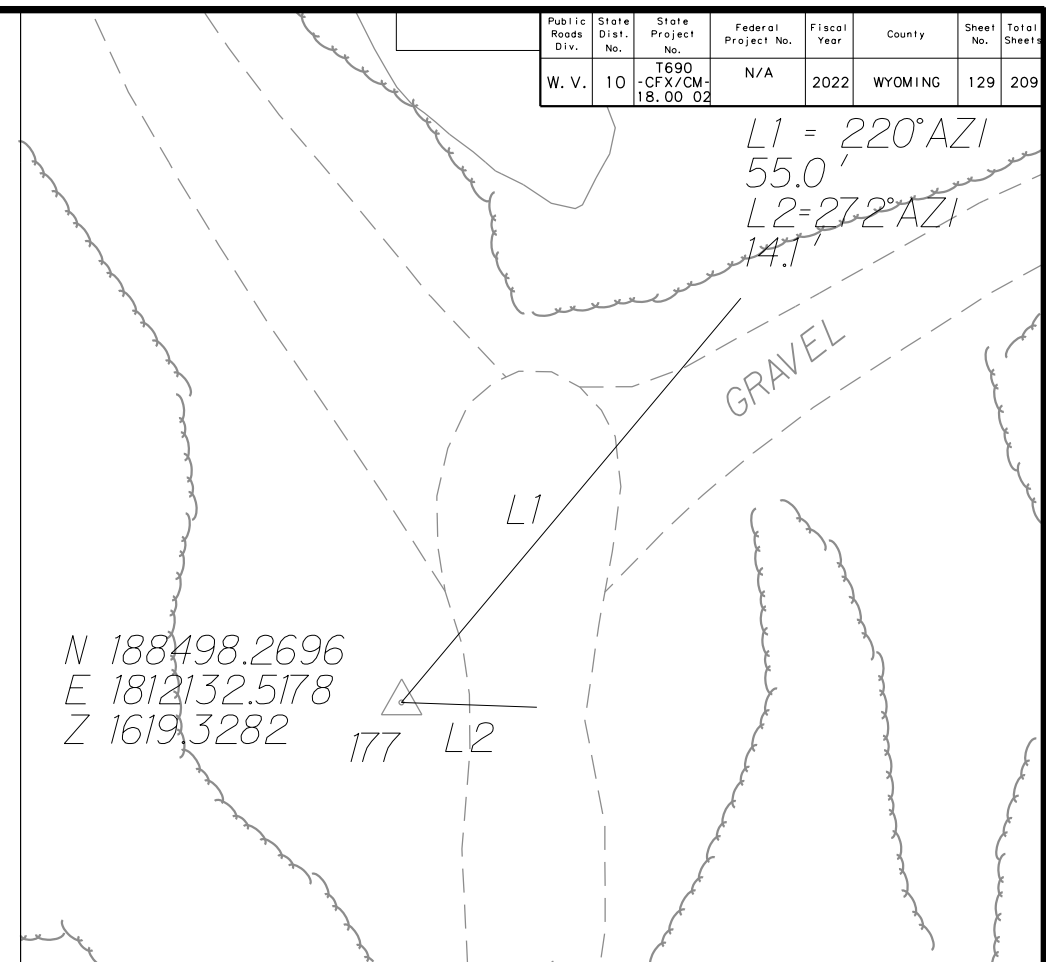
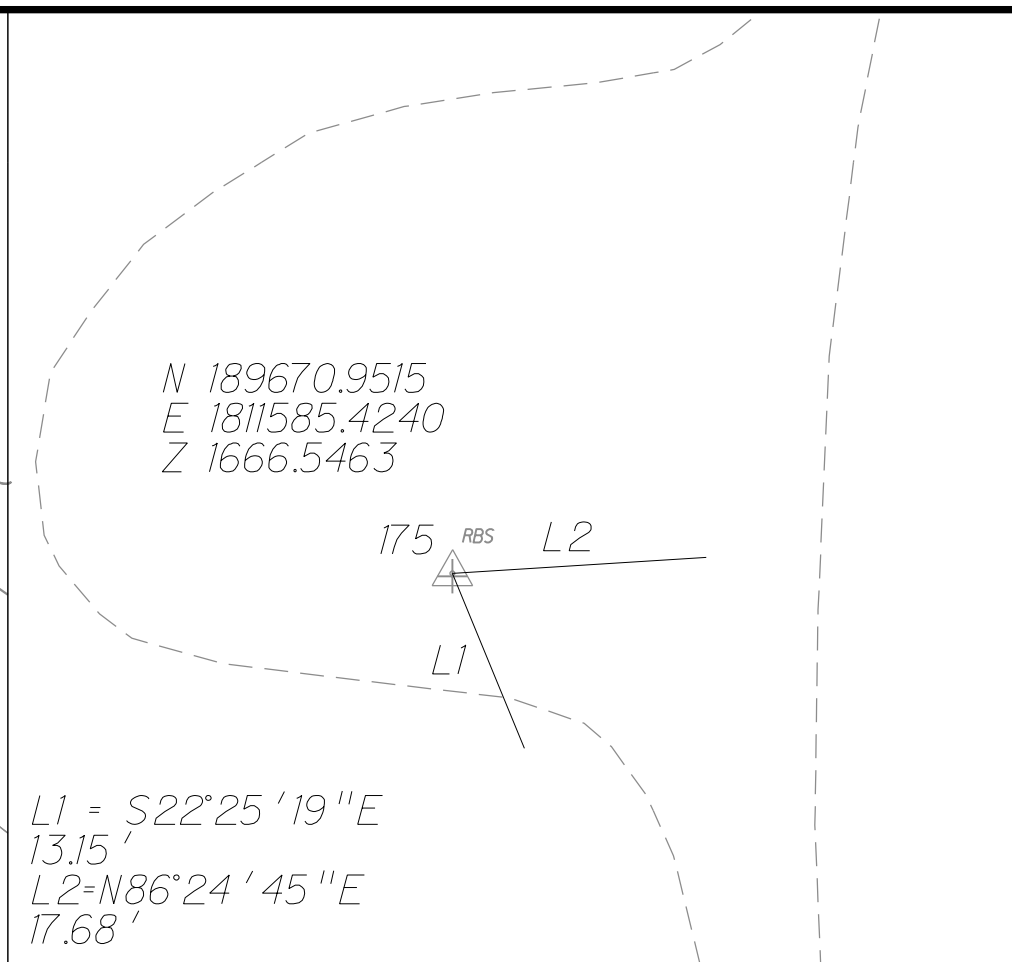
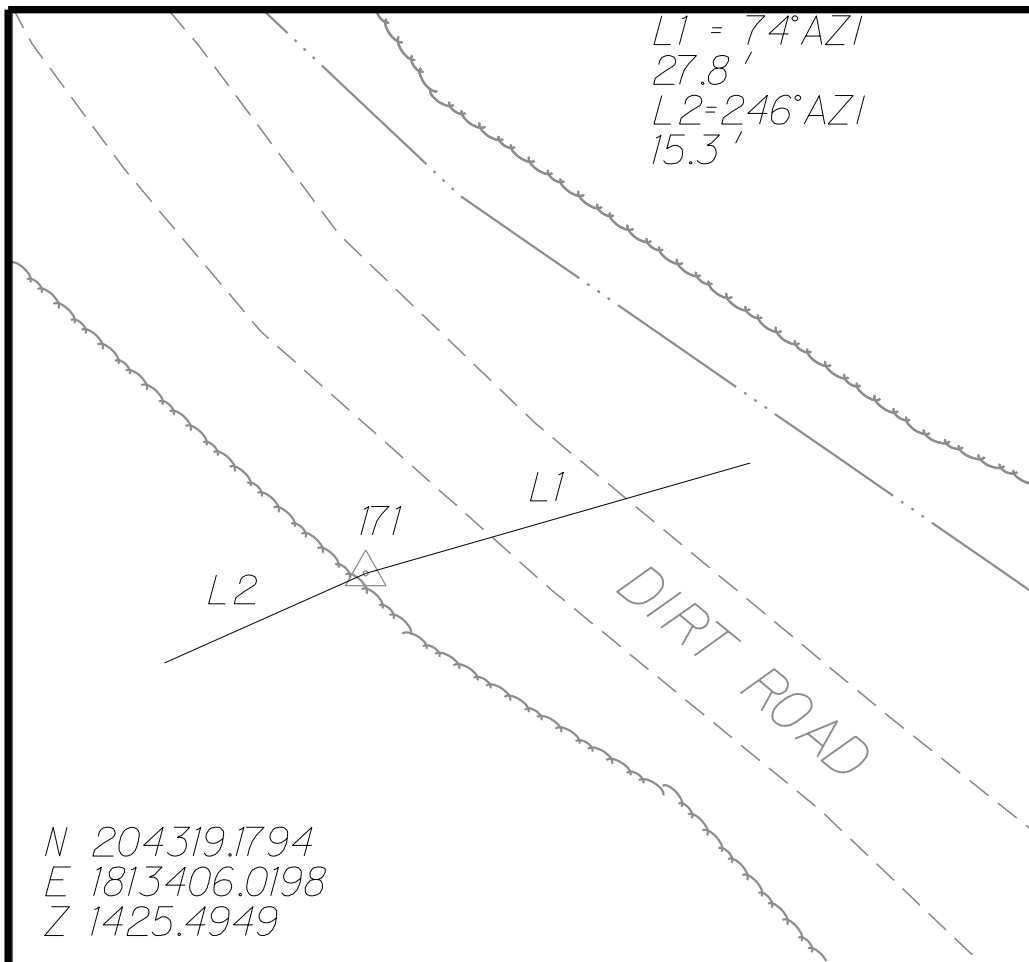


SCALE : 0 20 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
SURVEY REFERENCE POINTS (5 OF 15)

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	129	209



R/W-3 02/28/22



SCALE : 0 20 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
SURVEY REFERENCE POINTS (6 OF 15)

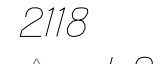
Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM- 18.00 02	N/A	2022	WYOMING	130	209

N 210423.957
E 1822998.4290
Z 1380.878

L1 = 50°SE
27.6'
L2 = 66°SE
30'



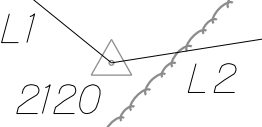
N 212385.279
E 1824519.9270
Z 1482.896



L1 = 28°NE
25.5'
L2 = 62°NW
24.1'

N 212502.199
E 1824841.8080
Z 1487.137

L1 = 57°SE
35.5'
L2 = 30°SE
10.4'



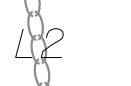
N 213651.981
E 1825628.3560
Z 1565.418

L1 = 51°SE
15.1'
L2 = 81°SW
15.9'

WELLHEAD
APN 4710902219
POCA LAND B-71

TANK

WETLAND



N 214040.353
E 1825733.5280
Z 1572.639

L1 = 39°SE
15.7'
L2 = 23°SE
27.1'

N 212590.255
E 1823476.7350
Z 1601.078

L1 = 31°SW
12.8'
L2 = 6°SW
46.0'

R/W-3
02/28/22



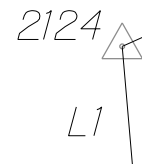
SCALE : 0 20 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**SURVEY REFERENCE
POINTS (7 OF 15)**

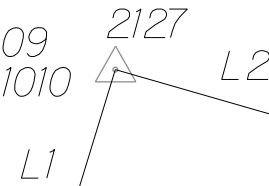
Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheets
W. V.	10	T690 -CFX/CM- 18.00 02	N/A	2022	WYOMING	131	209

N 213351.635
E 1823670.7350
Z 1697.668



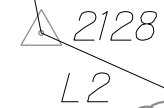
L1 = 5°NE
8.4'
L2=66°SW
26.4'

N 215037.809
E 1827830.1010
Z 1707.138



L1 = 17°NE
18.8'
L2=74°NW
25.1'

L1

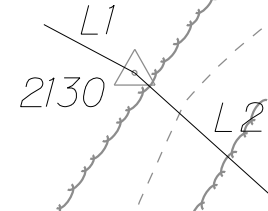


N 215738.16
E 1830084.5120
Z 1957.236

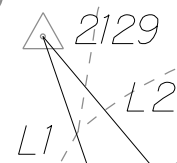
L1 = 11°SE
48.5'
L2=66°NE
33.3'

N 214937.963
E 1830116.8170
Z 2139.795

L1 = 62°SE
21.4'
L2=48°NW
42'



L1 = 14°NW
34.7'
L2=40°NW
46.5'



N 215812.9
E 1830882.6200
Z 2212.811



N 214423.081
E 1824661.5600
Z 1940.554

L1 = 74°SW
36.5'
L2=68°NE
44.2'

R/W-3 02/28/22



SCALE : 0 20 ft.

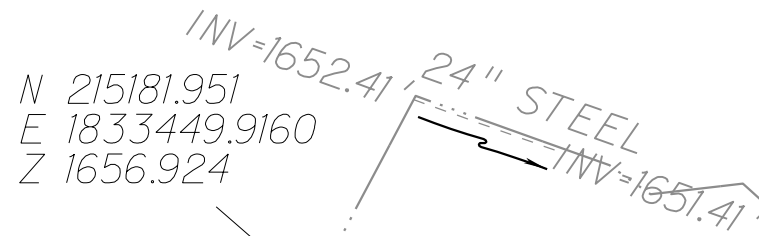
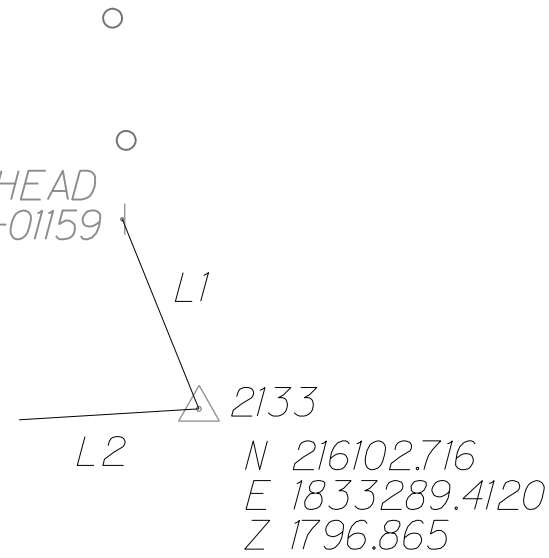
REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**SURVEY REFERENCE
POINTS (8 OF 15)**

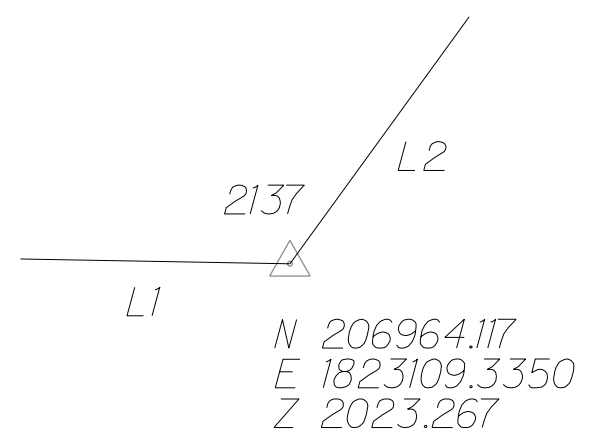
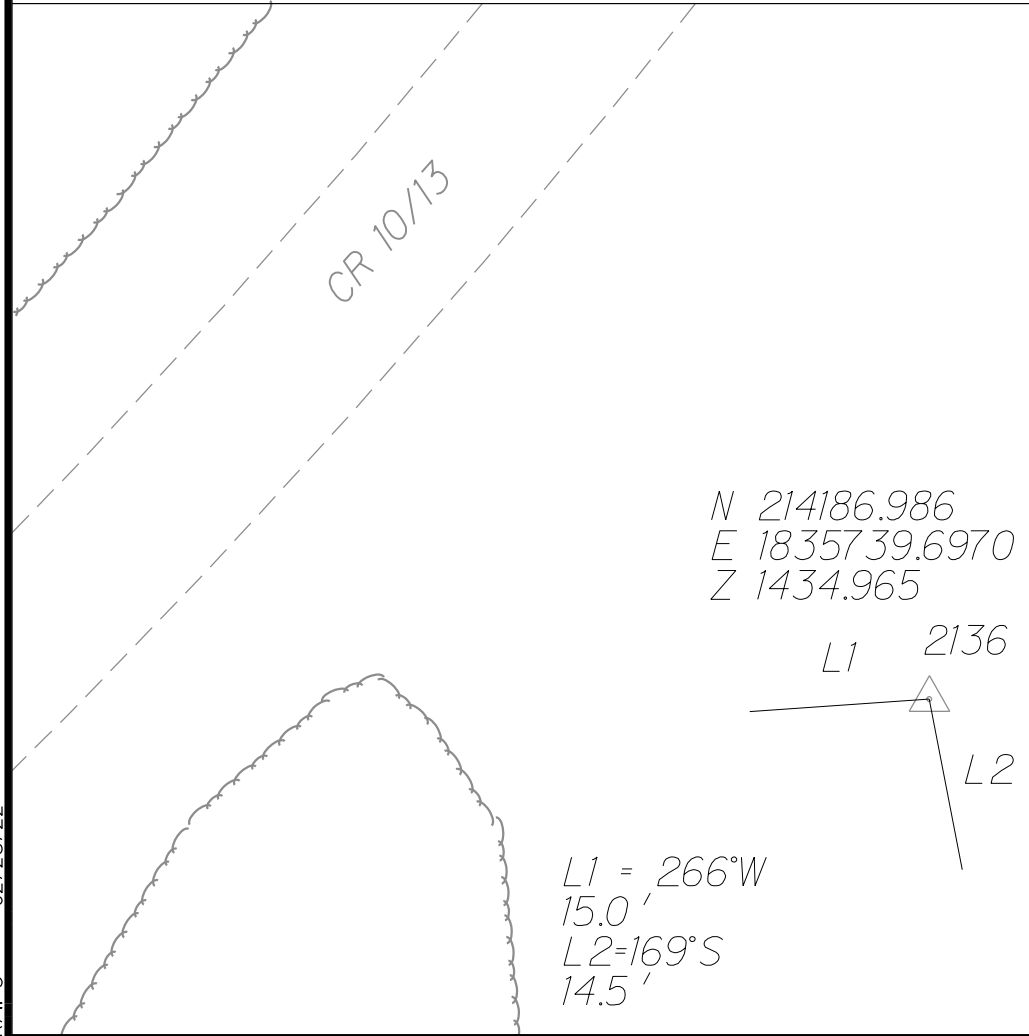
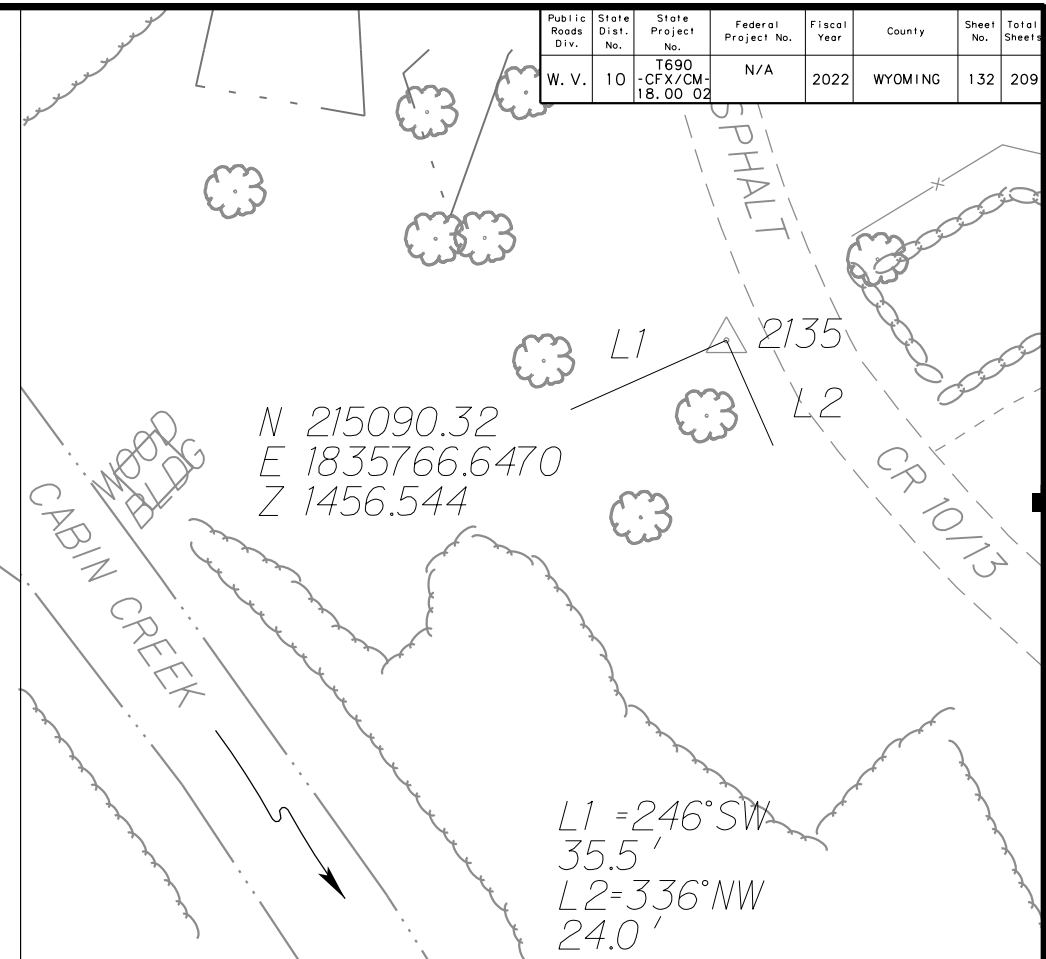
Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	132	209

L1 = S21°56'14.97"E
42.610'
L2 = N86°33'35.13"E
37.545'

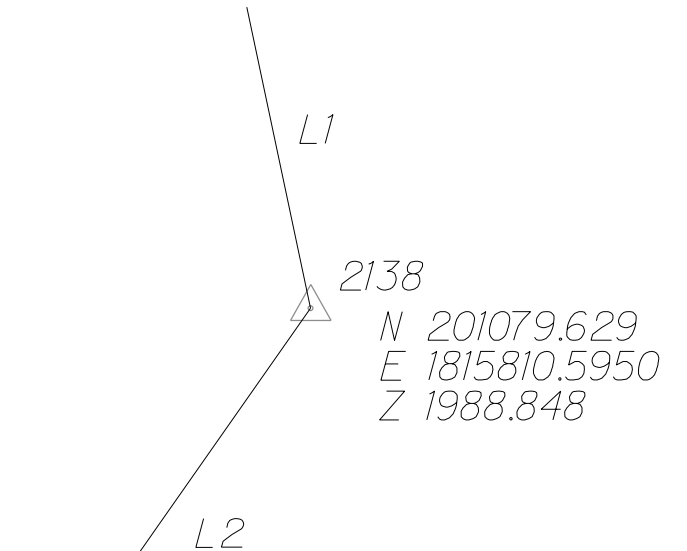
WELL HEAD
47-109-01159



L1 = 90°E
28.5'
L2 = 31°NW
38.0'



L1 = 89°SE
18.7'
L2 = 36°SW
21.2'



L1 = 35°SW
40.4'
L2 = 12°SE
64.1'

R/W-3 02/28/22



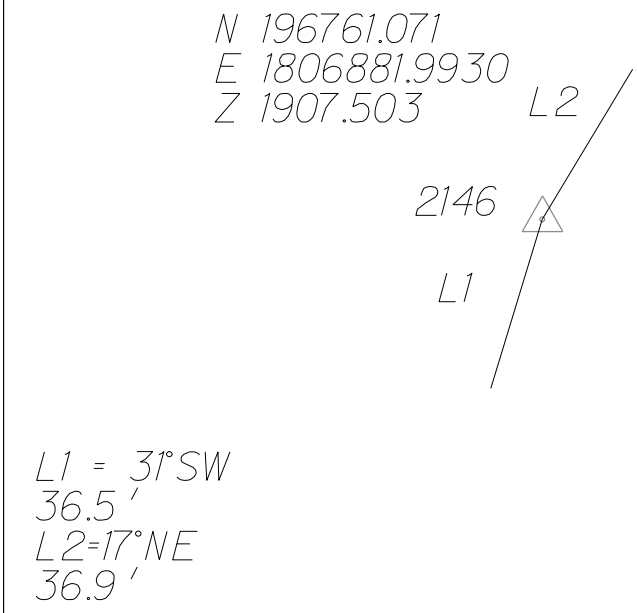
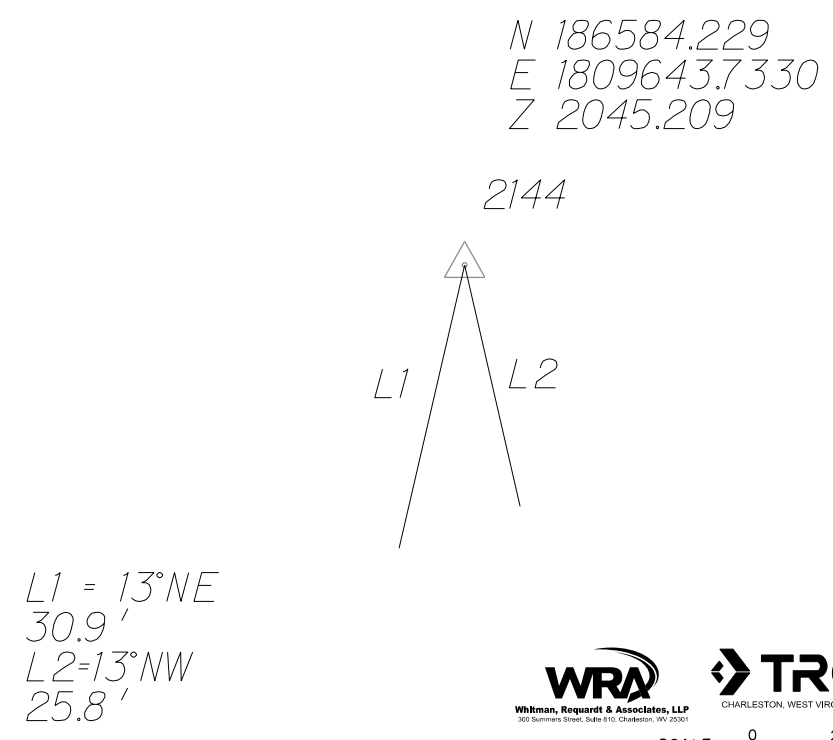
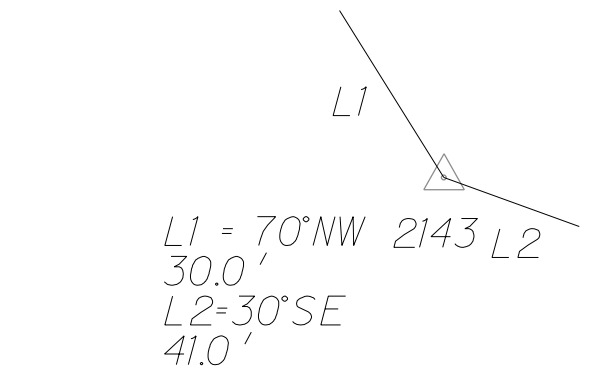
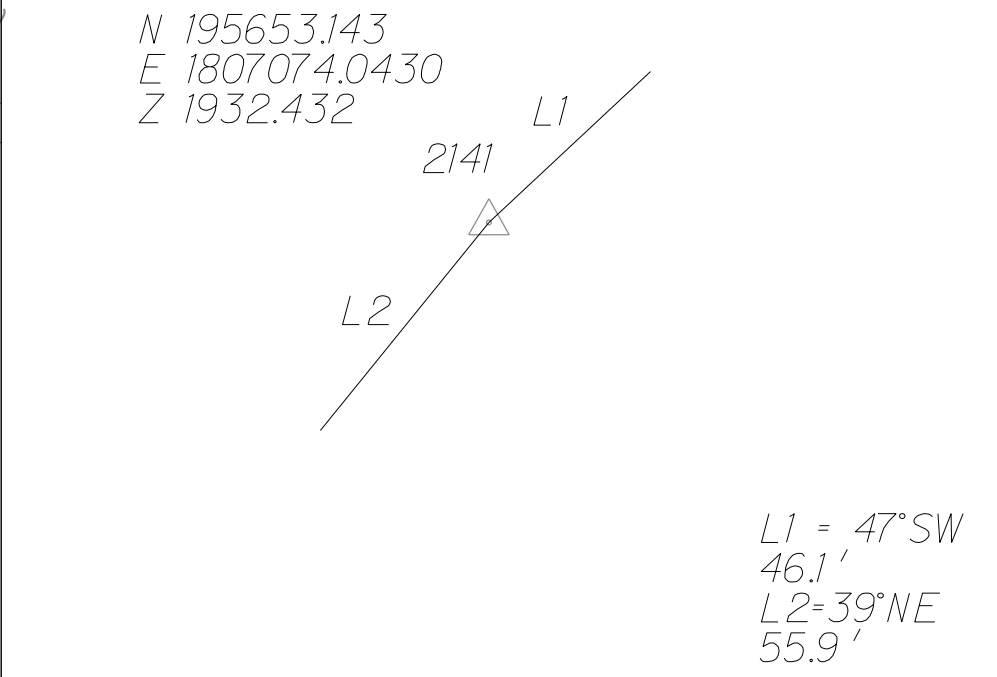
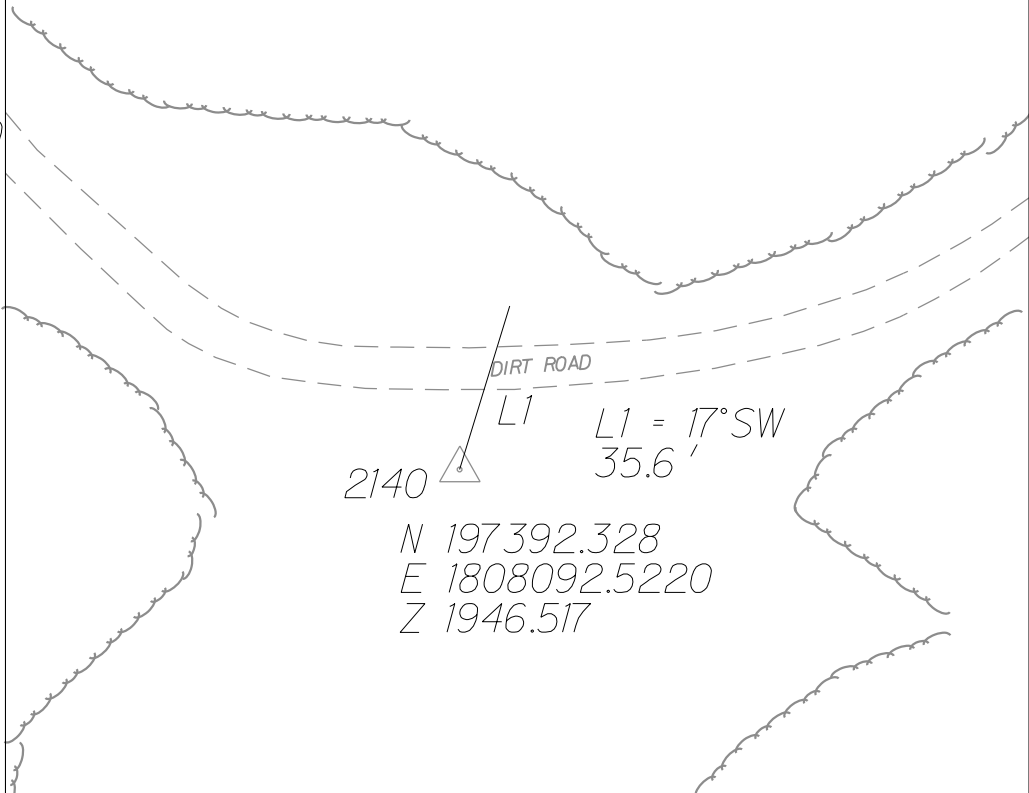
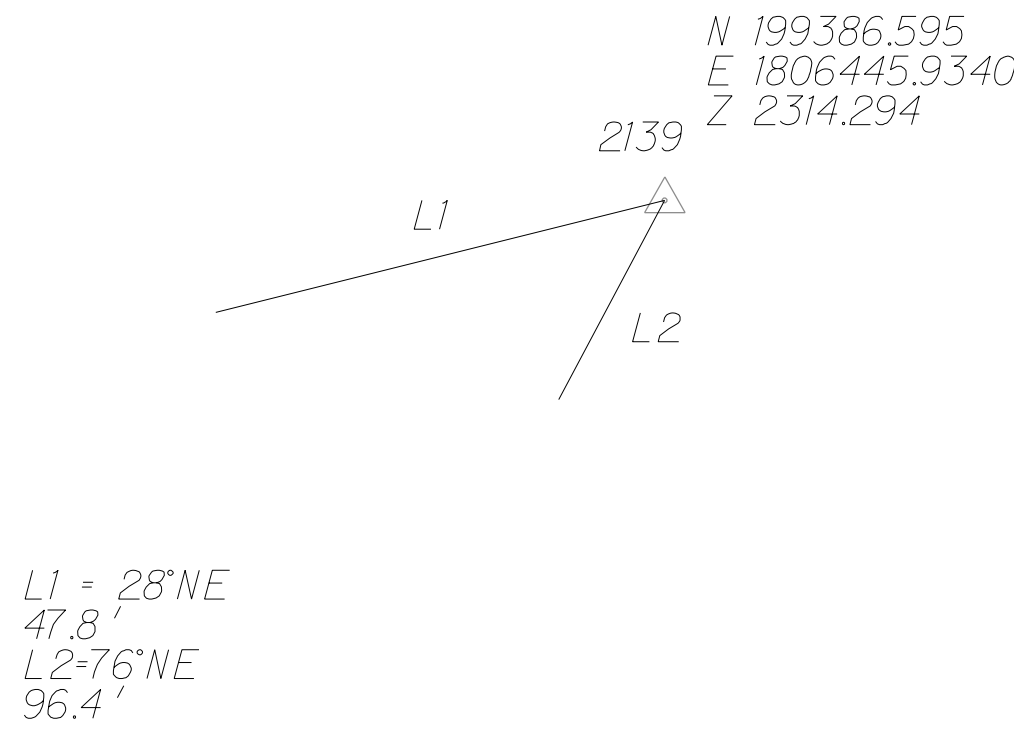
SCALE : 0 20 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
SURVEY REFERENCE POINTS (9 OF 15)

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM- 18.00 02	N/A	2022	WYOMING	133	209

⊖
⊖
⊖
⊖



$N 193598.021$
 $E 1807786.8420$
 $Z 1798.311$

R/W-3 02/28/22



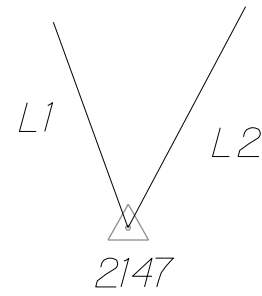
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REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
**SURVEY REFERENCE
 POINTS (10 OF 15)**

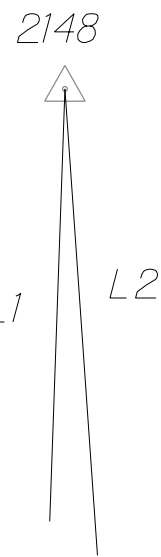
28-Apr-2022 10:05:59 AM

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM- 18.00 02	N/A	2022	WYOMING	134	209



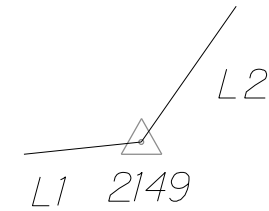
N 198562.051
E 1805350.3390
Z 2337.873

L1 = 20°SE
22.8'
L2 = 28°SW
26.1'



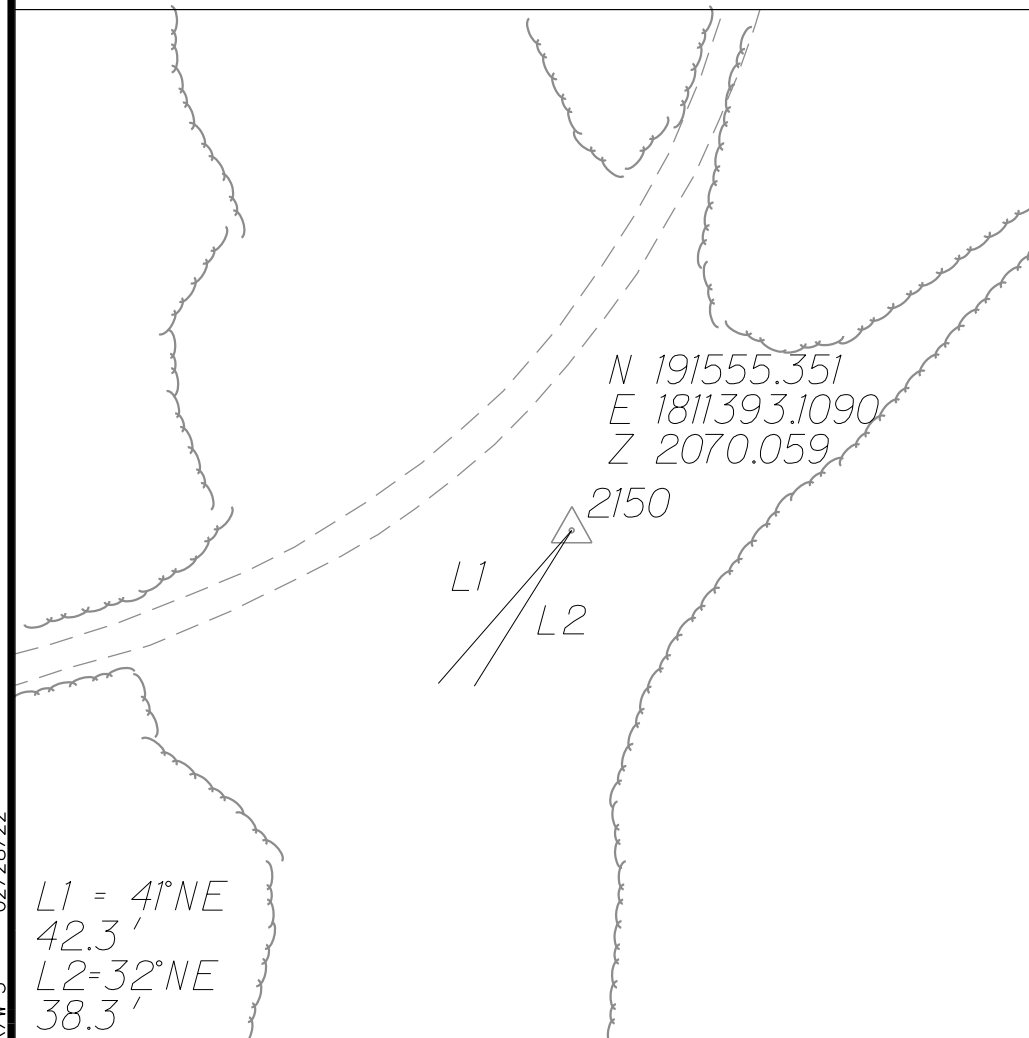
N 195043.962
E 1811712.2630
Z 1660.51

L1 = 2°NE
90.2'
L2 = 4°NW
97.4'

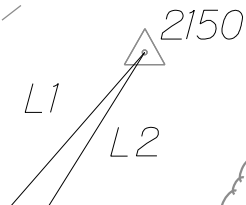


N 189445.497
E 1809032.3510
Z 2082.854

L1 = 84°NW
24.6'
L2 = 35°SW
34.5'



N 191555.351
E 1811393.1090
Z 2070.059



L1 = 4°NE
42.3'
L2 = 32°NE
38.3'

L1 = 300°AZ
28.3'
L2 = 112°AZ
26.9'

N 184646.11
E 1811284.1970
Z 1581.547

WOOD BLDG

CARPORT



SCALE : 0 20 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**SURVEY REFERENCE
POINTS (11 OF 15)**

R/W-3 02/28/22

28-Apr-2022 08:17 PM

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	135	209

N 217058.234
E 1835587.914
Z 1503.239

WATER VAULT

SINGLE WIDE MOBILE HOME

SEPT

N 221802.127
E 1834553.553
Z 1896.805

L1=39°AZ
22.0'
L2 = 348°AZ
58.0'

L1 = S23°31'18.45"W
209.219'
L2=N1°49'06.91"W
96.108'

N 219741.001
E 1862044.0060
Z 1931.775

L1=150°AZ
96.85'
L2 = 150°AZ
70.15'

21.5' X 11.5' BRIDGE

INX=1890.21
36" CMP

L1 = S51°44'01.72"E
90.137'
L2=N8°15'55.47"E
216.425'

N 219271.555
E 1861814.7440
Z 1880.424

N 219818.925
E 1859765.5660
Z 1514.152

N 220390.312
E 1859948.5860
Z 1519.884

L1 = S13°30'25.09"E
16.462'
L2=N22°45'30.31"E
58.403'

L1 = S13°28'36.65"W
90.623'
L2=N7°11'34.10"W
49.258'

R/W-3 02/28/22



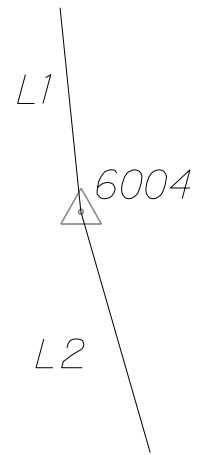
SCALE : 0 20 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
SURVEY REFERENCE POINTS (12 OF 15)

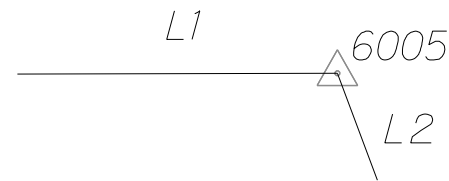
Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	136	209

N 219943.107
E 1857327.8200
Z 1854.111

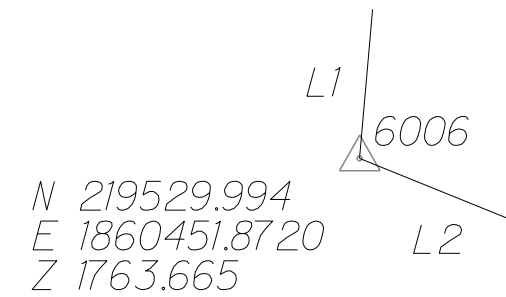


L1 = S5°50'34.39"E
21.375'
L2 = N16°04'08.64"W
26.091'

N 219468.938
E 1857325.8830
Z 1775.84

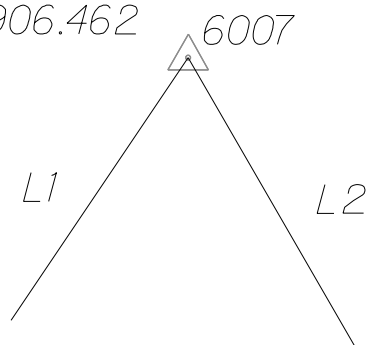


L1 = N89°52'22.01"E
33.327'
L2 = N20°31'50.53"W
11.907'



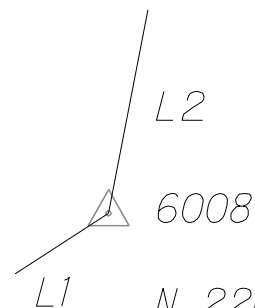
L1 = 5°N
7.8'
L2 = 112°SE
8.8'

N 219598.424
E 1860681.8870
Z 1906.462



L1 = 150°SE
17.5'
L2 = 240°SW
16.5'

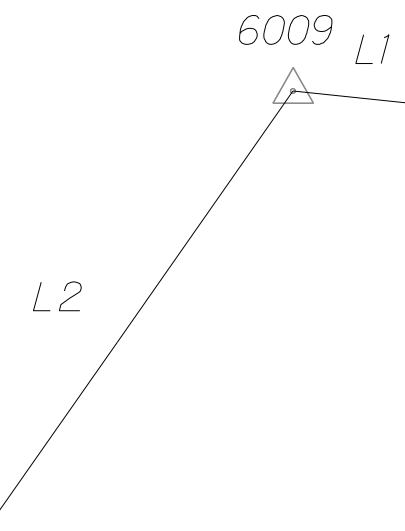
L2



N 220158.109
E 1860943.8670
Z 1981.982

L1 = 237°SW
5.8'
L2 = 11°E
10.8'

N 220145.718
E 1861222.6580
Z 2063.014



L1 = 96°E
6.8'
L2 = 215°SW
27.9'

R/W-3 02/28/22



SCALE : 0 20 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**SURVEY REFERENCE
POINTS (13 OF 15)**

28-Apr-2022 10:57 PM

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM- 18.00 02	N/A	2022	WYOMING	137	209

L1 = 260°W
17.8'
L2=68°E
27.2'

L1 = 14°N
22.7'
L2=97°E
7.4'

N 218461.355
E 1856194.4820
Z 1660.058

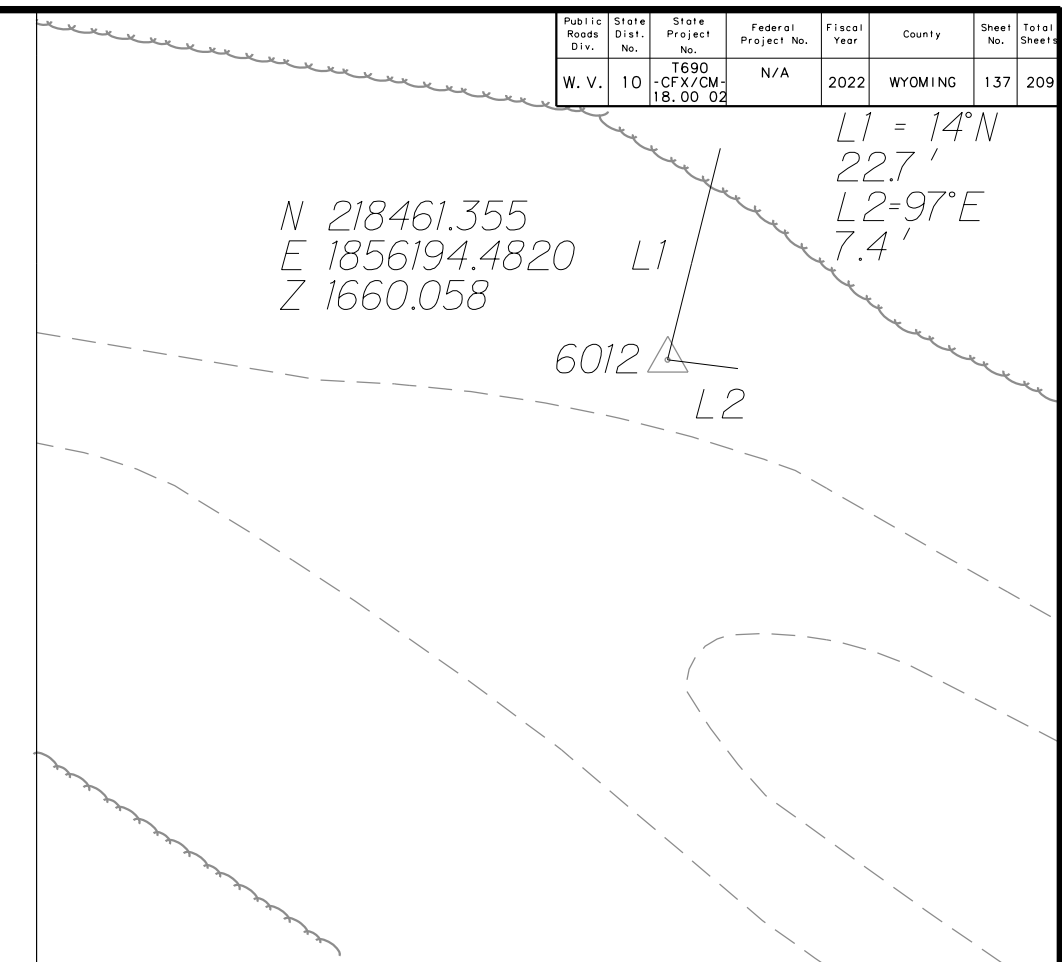
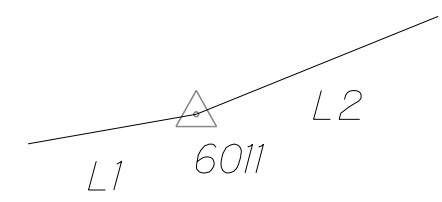
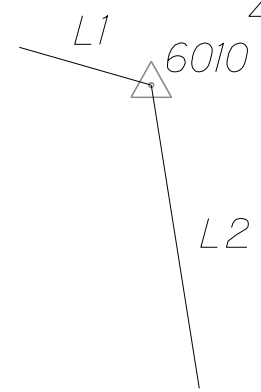
N 218783.971
E 1854579.8740
Z 1871.111

L1 6011
L2

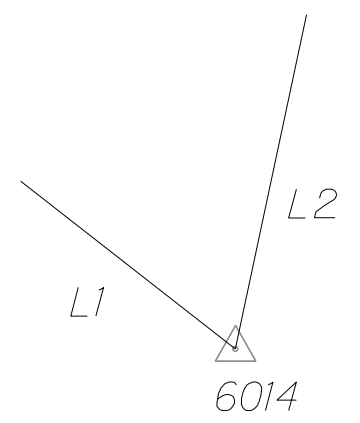
N 219668.71
E 1854086.6410
Z 1994.755

6012
L1
L2

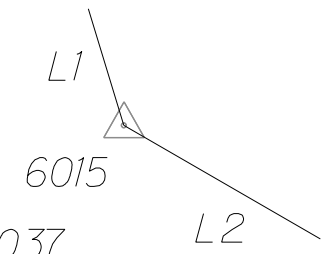
L1 = 286°W
14.3'
L2=171°S
32.0'



SURVEY SAYS RCP ON ONE PIPE END AND CMP ON THE OTHER

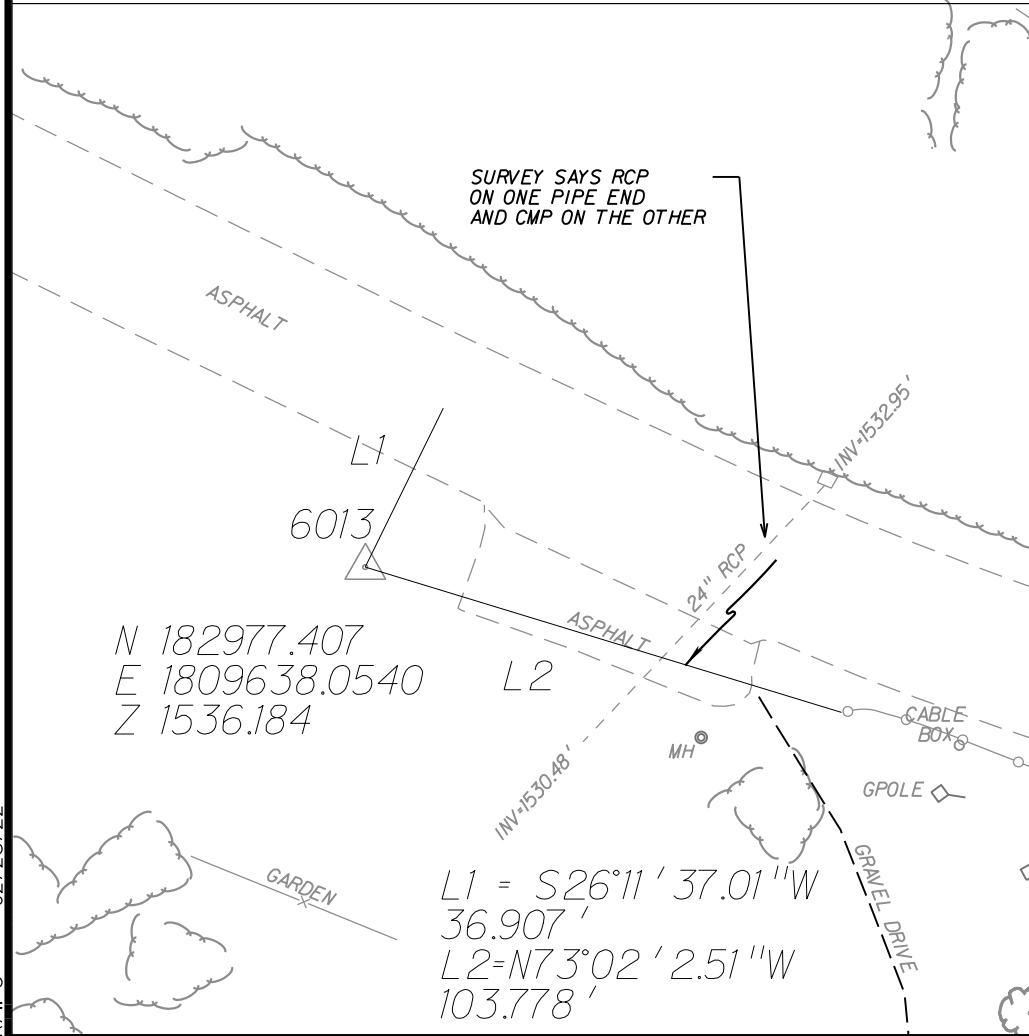


N 198300.672
E 1806332.1660
Z 1963.746



N 197852.037
E 1805026.3910
Z 2315.431

L1 = 343°N
25.4'
L2=300°NW
47.3'



N 182977.407
E 1809638.0540
Z 1536.184

L1 = S26°11' 37.01"W
36.907'
L2=N73°02' 2.51"W
103.778'

L1 = 128°SE
14.2'
L2=192°S
17.8'



SCALE : 0 20 ft.

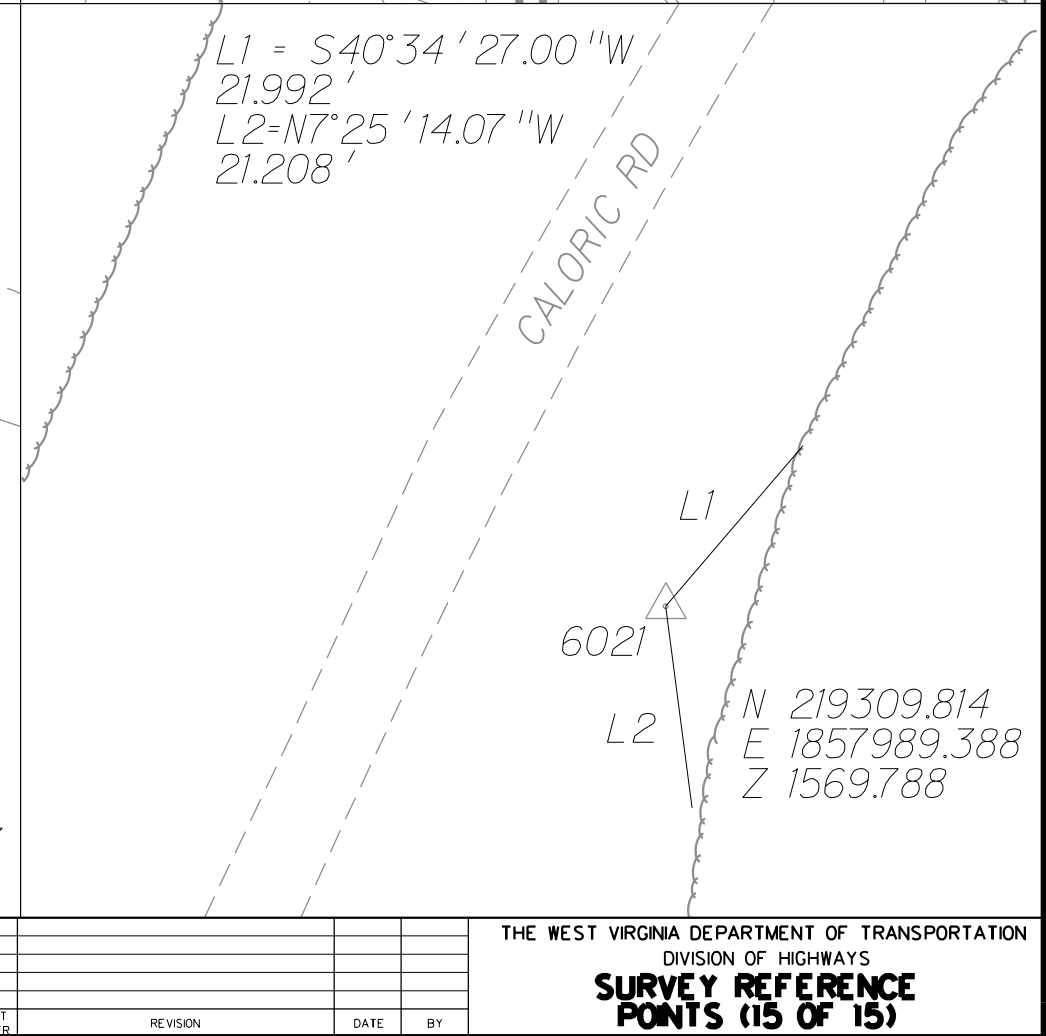
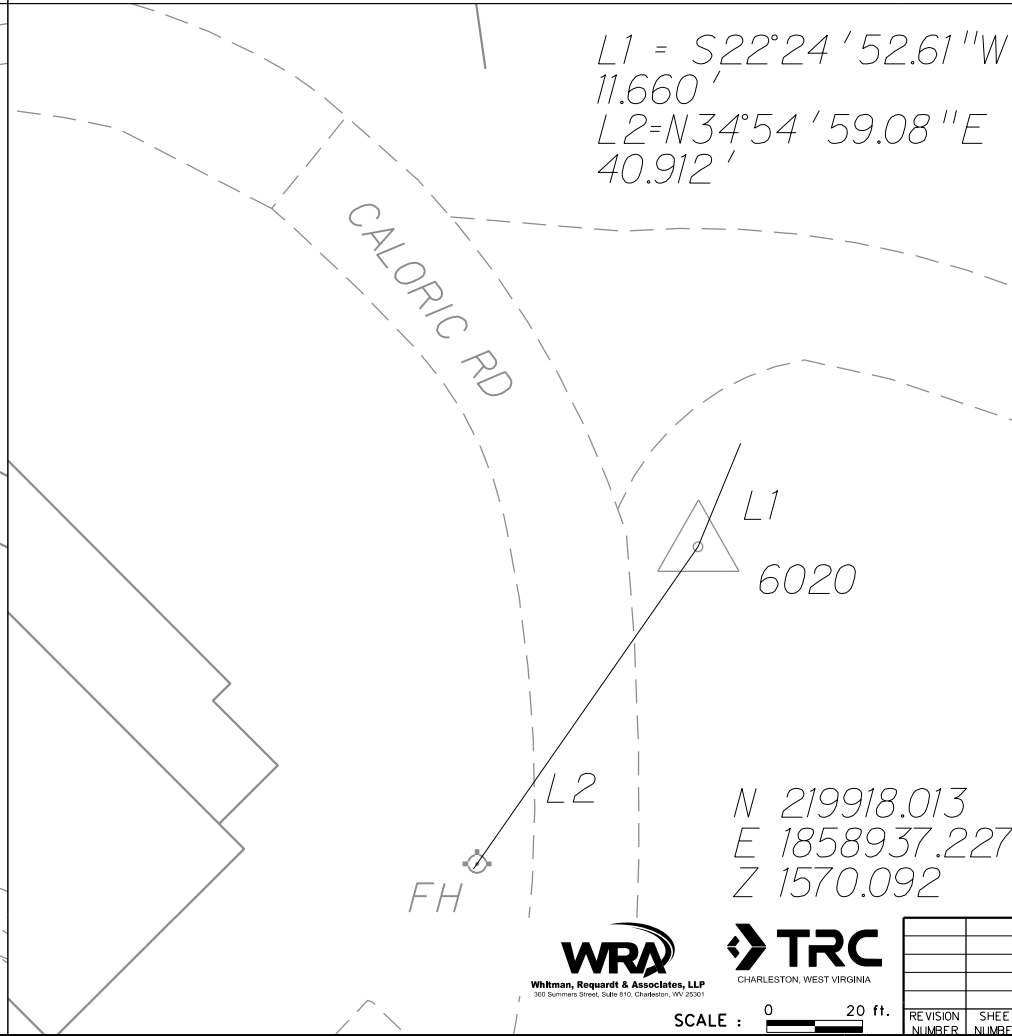
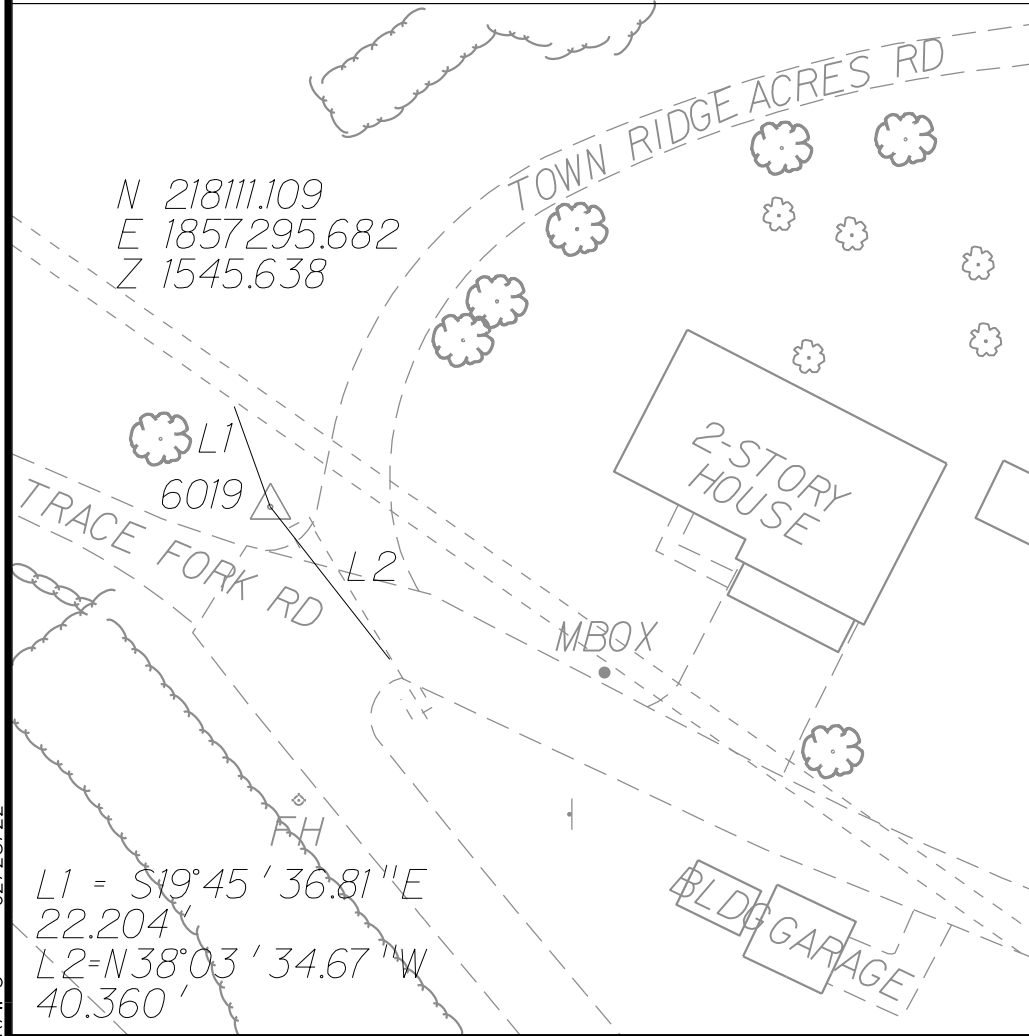
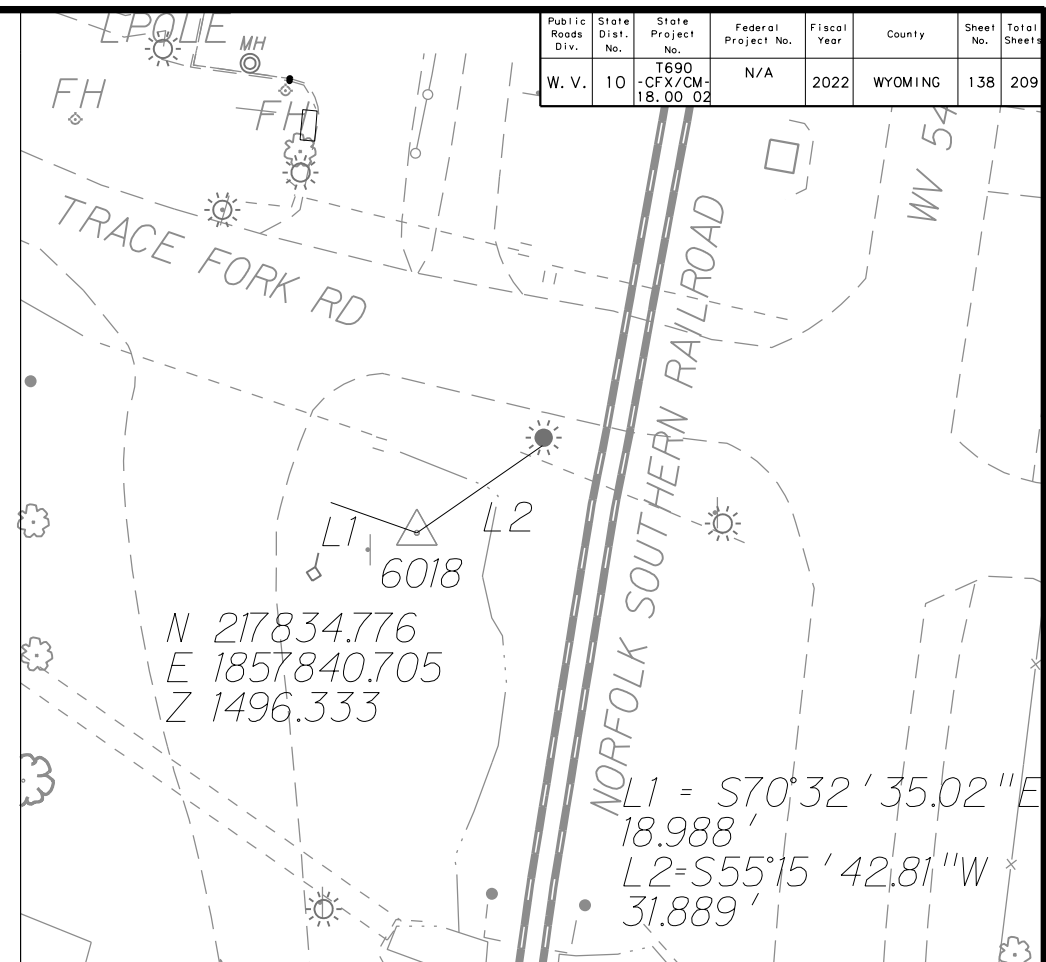
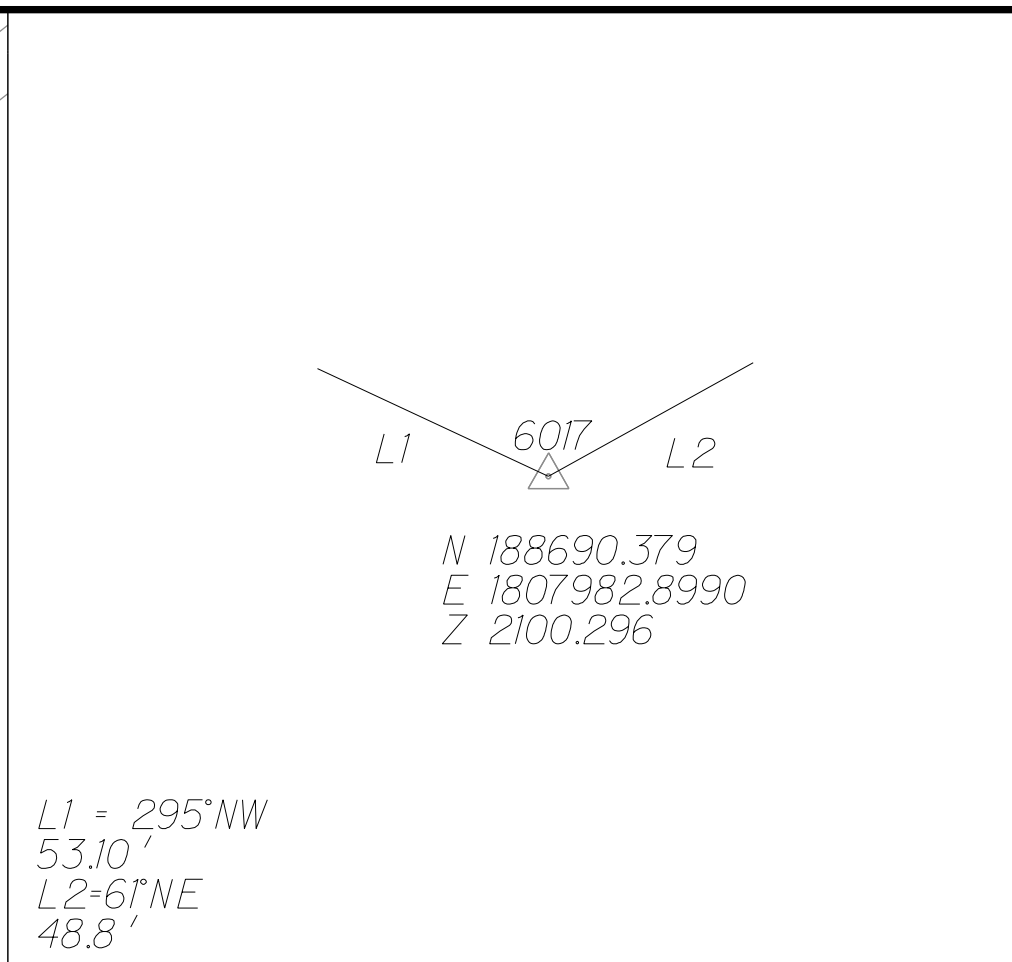
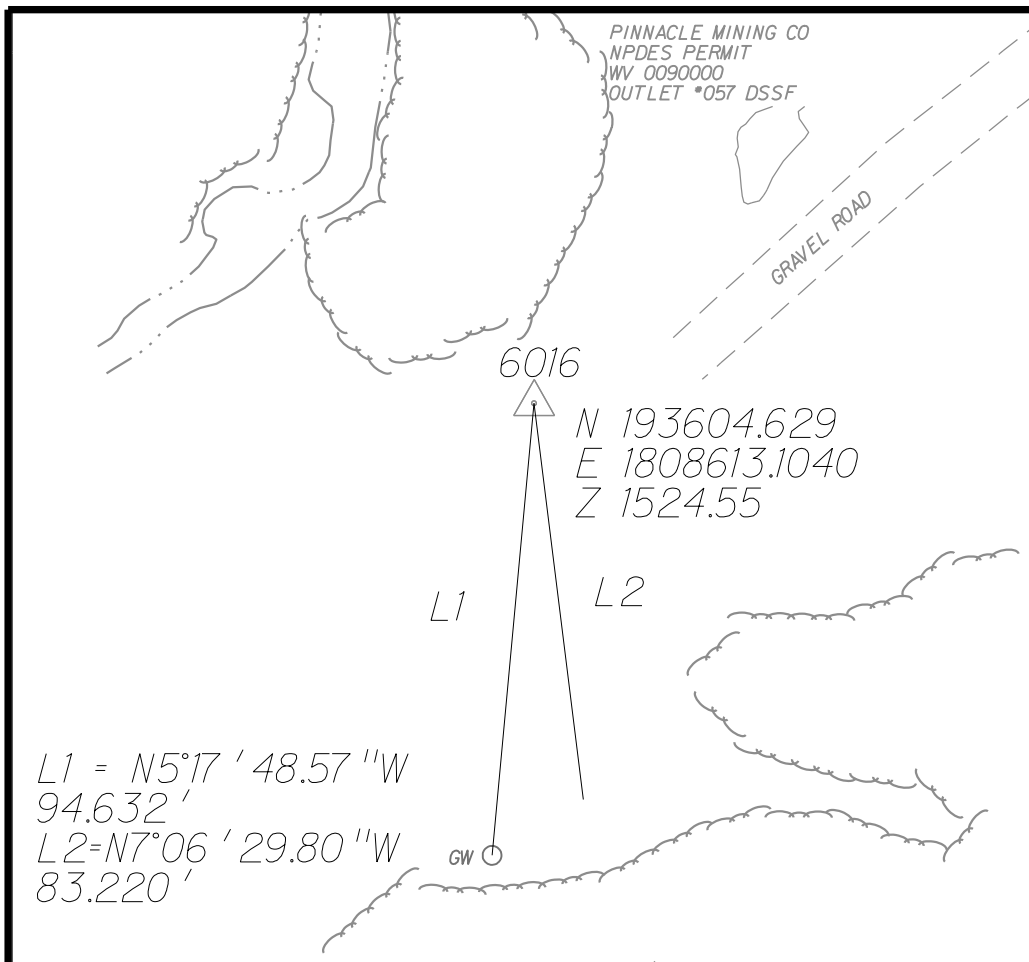
REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**SURVEY REFERENCE
POINTS (14 OF 15)**

R/W-3 02/28/22

28-MAY-2022 08:51 PM

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	138	209



R/W-3 02/28/22



SCALE : 0 20 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
SURVEY REFERENCE POINTS (15 OF 15)

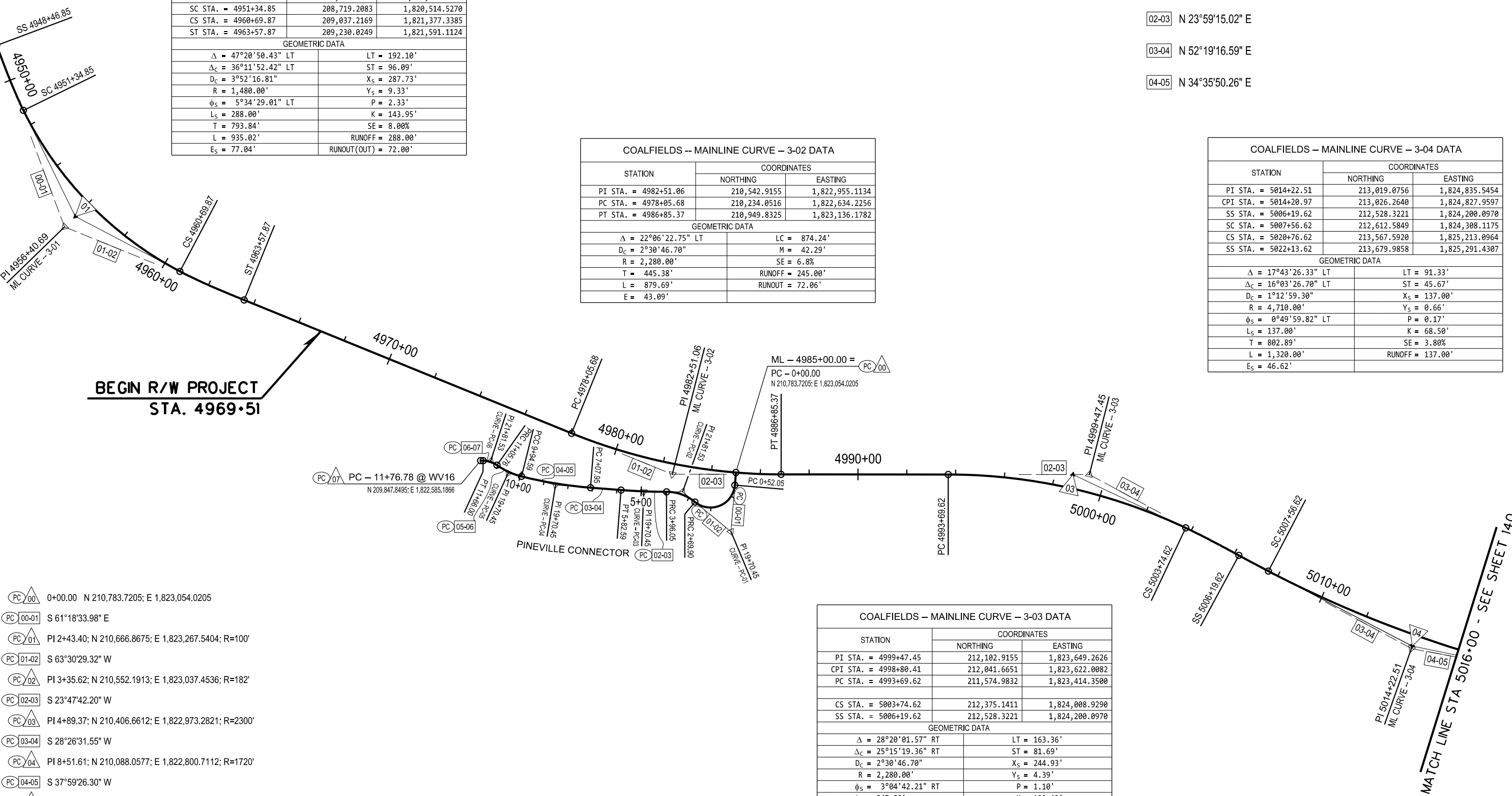
Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 - CFX/CM-18.00 02	N/A	2022	WYOMING	139	209

COALFIELDS – MAINLINE CURVE – 3-01 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 4956+40.69	208,679.5121	1,821,019.1683
CPI STA. = 4956+18.56	208,737.2162	1,820,997.9001
SS STA. = 4948+46.85	208,727.1613	1,820,226.7581
SC STA. = 4951+34.85	208,719.2083	1,820,514.5270
CS STA. = 4960+69.87	209,037.2169	1,821,377.3385
ST STA. = 4963+57.87	209,230.0249	1,821,591.1124
GEOMETRIC DATA		
$\Delta = 47^{\circ}20'50.43''$ LT	LT = 192.10'	
$\Delta_c = 36^{\circ}11'52.42''$ LT	ST = 96.09'	
$D_c = 3^{\circ}52'16.81''$	$X_s = 287.73'$	
$R = 1,480.00'$	$Y_s = 9.33'$	
$\phi_s = 5^{\circ}34'29.01''$ LT	$P = 2.33'$	
$L_s = 288.00'$	$K = 143.95'$	
$T = 793.84'$	$SE = 8.00\%$	
$L = 935.02'$	$RUNOFF = 288.00'$	
$E_s = 77.04'$	$RUNOUT(OUT) = 72.00'$	

COALFIELDS – MAINLINE CURVE – 3-02 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 4982+51.06	210,542.9155	1,822,955.1134
PC STA. = 4978+05.68	210,234.0516	1,822,634.2256
PT STA. = 4986+85.37	210,949.8325	1,823,136.1782
GEOMETRIC DATA		
$\Delta = 22^{\circ}06'22.75''$ LT	LC = 874.24'	
$D_c = 2^{\circ}30'46.70''$	$M = 42.29'$	
$R = 2,280.00'$	$SE = 6.8\%$	
$T = 445.38'$	$RUNOFF = 245.00'$	
$L = 879.69'$	$RUNOUT = 72.06'$	
$E = 43.09'$		

COALFIELDS – MAINLINE CURVE – 3-04 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5014+22.51	213,019.0756	1,824,835.5454
CPI STA. = 5014+20.97	213,026.2640	1,824,827.9597
SS STA. = 5006+19.62	212,528.3221	1,824,200.0970
SC STA. = 5007+56.62	212,612.5849	1,824,308.1175
CS STA. = 5020+76.62	213,567.5920	1,825,213.0964
SS STA. = 5022+13.62	213,679.9858	1,825,291.4307
GEOMETRIC DATA		
$\Delta = 17^{\circ}43'26.33''$ LT	LT = 91.33'	
$\Delta_c = 16^{\circ}03'26.70''$ LT	ST = 45.67'	
$D_c = 1^{\circ}12'59.30''$	$X_s = 137.00'$	
$R = 4,710.00'$	$Y_s = 0.66'$	
$\phi_s = 0^{\circ}49'59.82''$ LT	$P = 0.17'$	
$L_s = 137.00'$	$K = 68.50'$	
$T = 802.89'$	$SE = 3.80\%$	
$L = 1,320.00'$	$RUNOFF = 137.00'$	
$E_s = 46.62'$		

COALFIELDS – MAINLINE CURVE – 3-03 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 4999+47.45	212,102.9155	1,823,649.2626
CPI STA. = 4998+80.41	212,041.6651	1,823,622.0082
PC STA. = 4993+69.62	211,574.9832	1,823,414.3500
CS STA. = 5003+74.62	212,375.1411	1,824,008.9290
SS STA. = 5006+19.62	212,528.3221	1,824,200.0970
GEOMETRIC DATA		
$\Delta = 28^{\circ}20'01.57''$ RT	LT = 163.36'	
$\Delta_c = 25^{\circ}15'19.36''$ RT	ST = 81.69'	
$D_c = 2^{\circ}30'46.70''$	$X_s = 244.93'$	
$R = 2,280.00'$	$Y_s = 4.39'$	
$\phi_s = 3^{\circ}04'42.21''$ RT	$P = 1.10'$	
$L_s = 245.00'$	$K = 122.49'$	
$T = 577.84'$	$SE = 6.80\%$	
$L = 1,005.00'$	$RUNOFF = 245.00'$	
$E_s = 56.52'$	$RUNOUT(IN) = 72.06'$	



**BEGIN R/W PROJECT
STA. 4969+51**

MATCH LINE STA 5016+00 - SEE SHEET 140

- PC 00 0+00.00 N 210,783.7205; E 1,823,054.0205
- PC 00-01 S 61°18'33.98" E
- PC 01 PI 2+43.40; N 210,666.8675; E 1,823,267.5404; R=100'
- PC 01-02 S 63°30'29.32" W
- PC 02 PI 3+35.62; N 210,552.1913; E 1,823,037.4536; R=182'
- PC 02-03 S 23°47'42.20" W
- PC 03 PI 4+89.37; N 210,406.6612; E 1,822,973.2821; R=2300'
- PC 03-04 S 28°26'31.55" W
- PC 04 PI 8+51.61; N 210,088.0577; E 1,822,800.7112; R=1720'
- PC 04-05 S 37°59'26.30" W
- PC 05 PI 10+50.82; N 209,930.5263; E 1,822,677.6756; R=300'
- PC 05-06 S 59°13'21.35" W
- PC 06 PI 11+36.83; N 209,885.8586; E 1,822,602.6777; R=100'
- PC 06-07 S 24°42'39.81" W
- PC 07 11+76.78; N 209,847.8495; E 1,822,585.1866



SCALE : 0 200 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
GEOMETRIC LAYOUT

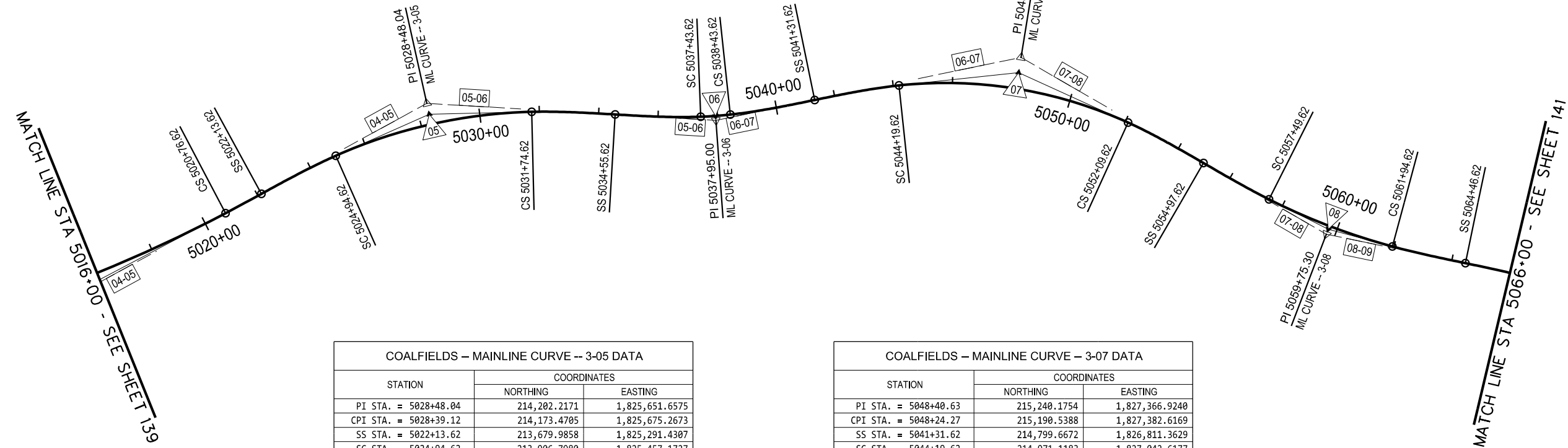
02/28/22

28-MAY-2022 08:51 PM

COALFIELDS – MAINLINE CURVE -- 3-04 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5014+22.51	213,019.0756	1,824,835.5454
CPI STA. = 5014+20.97	213,026.2640	1,824,827.9597
SS STA. = 5006+19.62	212,528.3221	1,824,200.0970
SC STA. = 5007+56.62	212,612.5849	1,824,308.1175
CS STA. = 5020+76.62	213,567.5920	1,825,213.0964
SS STA. = 5022+13.62	213,679.9858	1,825,291.4307
GEOMETRIC DATA		
$\Delta = 17^{\circ}43'26.33"$ LT	LT = 91.33'	
$\Delta_C = 16^{\circ}03'26.70"$ LT	ST = 45.67'	
$D_C = 1^{\circ}12'59.30"$	$X_S = 137.00'$	
$R = 4,710.00'$	$Y_S = 0.66'$	
$\phi_S = 0^{\circ}49'59.82"$ LT	$P = 0.17'$	
$L_S = 137.00'$	$K = 68.50'$	
$T = 802.89'$	$SE = 3.80\%$	
$L = 1,320.00'$	$RUNOFF = 137.00'$	
$E_S = 46.62'$		

COALFIELDS – MAINLINE CURVE -- 3-06 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5037+95.00	214,588.8097	1,826,545.4331
CPI STA. = 5037+93.64	214,601.0937	1,826,538.0811
SS STA. = 5034+55.62	214,454.0776	1,826,233.9418
SC STA. = 5037+43.62	214,576.8707	1,826,494.3187
CS STA. = 5038+43.62	214,628.2162	1,826,580.1082
SS STA. = 5041+31.62	214,799.6672	1,826,811.3629
GEOMETRIC DATA		
$\Delta = 15^{\circ}01'14.83"$ LT	LT = 192.10'	
$\Delta_C = 3^{\circ}52'16.81"$ LT	ST = 96.09'	
$D_C = 3^{\circ}52'16.81"$	$X_S = 287.73'$	
$R = 1,480.00'$	$Y_S = 9.33'$	
$\phi_S = 5^{\circ}34'29.01"$ LT	$P = 2.33'$	
$L_S = 288.00'$	$K = 143.95'$	
$T = 339.38'$	$SE = 8.00\%$	
$L = 100.00'$	$RUNOFF = 288.00'$	
$E_S = 0.84'$		

COALFIELDS – MAINLINE CURVE -- 3-08 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5059+75.30	215,171.4126	1,828,551.6214
CPI STA. = 5059+72.89	215,189.3002	1,828,549.7926
SS STA. = 5054+97.62	215,199.0918	1,828,074.7429
SC STA. = 5057+49.62	215,189.3403	1,828,326.5168
CS STA. = 5061+94.62	215,234.5221	1,828,768.4409
SS STA. = 5064+46.62	215,295.0215	1,829,013.0323
GEOMETRIC DATA		
$\Delta = 18^{\circ}19'07.97"$ LT	LT = 168.03'	
$\Delta_C = 11^{\circ}41'44.51"$ LT	ST = 84.03'	
$D_C = 2^{\circ}37'41.69"$	$X_S = 251.92'$	
$R = 2,180.00'$	$Y_S = 4.85'$	
$\phi_S = 3^{\circ}18'41.73"$ LT	$P = 1.21'$	
$L_S = 252.00'$	$K = 125.99'$	
$T = 477.68'$	$SE = 7.00\%$	
$L = 445.00'$	$RUNOFF = 252.00'$	
$E_S = 11.40'$		



COALFIELDS – MAINLINE CURVE -- 3-05 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5028+48.04	214,202.2171	1,825,651.6575
CPI STA. = 5028+39.12	214,173.4705	1,825,675.2673
SS STA. = 5022+13.62	213,679.9858	1,825,291.4307
SC STA. = 5024+94.62	213,906.7980	1,825,457.1727
CS STA. = 5031+74.62	214,335.5778	1,825,979.2421
SS STA. = 5034+55.62	214,454.0776	1,826,233.9418
GEOMETRIC DATA		
$\Delta = 32^{\circ}00'44.46"$ RT	LT = 187.40'	
$\Delta_C = 22^{\circ}39'06.55"$ RT	ST = 93.73'	
$D_C = 3^{\circ}19'52.14"$	$X_S = 280.81'$	
$R = 1,720.00'$	$Y_S = 7.65'$	
$\phi_S = 4^{\circ}40'48.96"$ RT	$P = 1.91'$	
$L_S = 281.00'$	$K = 140.47'$	
$T = 634.42'$	$SE = 7.80\%$	
$L = 680.00'$	$RUNOFF = 281.00'$	
$E_S = 34.16'$		

COALFIELDS – MAINLINE CURVE -- 3-07 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5048+40.63	215,240.1754	1,827,366.9240
CPI STA. = 5048+24.27	215,190.5388	1,827,382.6169
SS STA. = 5041+31.62	214,799.6672	1,826,811.3629
SC STA. = 5044+19.62	214,971.1183	1,827,042.6177
CS STA. = 5052+09.62	215,206.4456	1,827,786.9580
SS STA. = 5054+97.62	215,199.0918	1,828,074.7429
GEOMETRIC DATA		
$\Delta = 41^{\circ}43'58.83"$ RT	LT = 192.10'	
$\Delta_C = 30^{\circ}35'00.81"$ RT	ST = 96.09'	
$D_C = 3^{\circ}52'16.81"$	$X_S = 287.73'$	
$R = 1,480.00'$	$Y_S = 9.33'$	
$\phi_S = 5^{\circ}34'29.01"$ RT	$P = 2.33'$	
$L_S = 288.00'$	$K = 143.95'$	
$T = 709.01'$	$SE = 8.00\%$	
$L = 790.00'$	$RUNOFF = 288.00'$	
$E_S = 54.32'$		

- 04-05 N 34°35'50.26" E
- 05-06 N 66°36'34.72" E
- 06-07 N 51°35'19.89" E
- 07-08 S 86°40'41.28" E
- 08-09 N 75°00'10.75" E



SCALE : 0 200 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

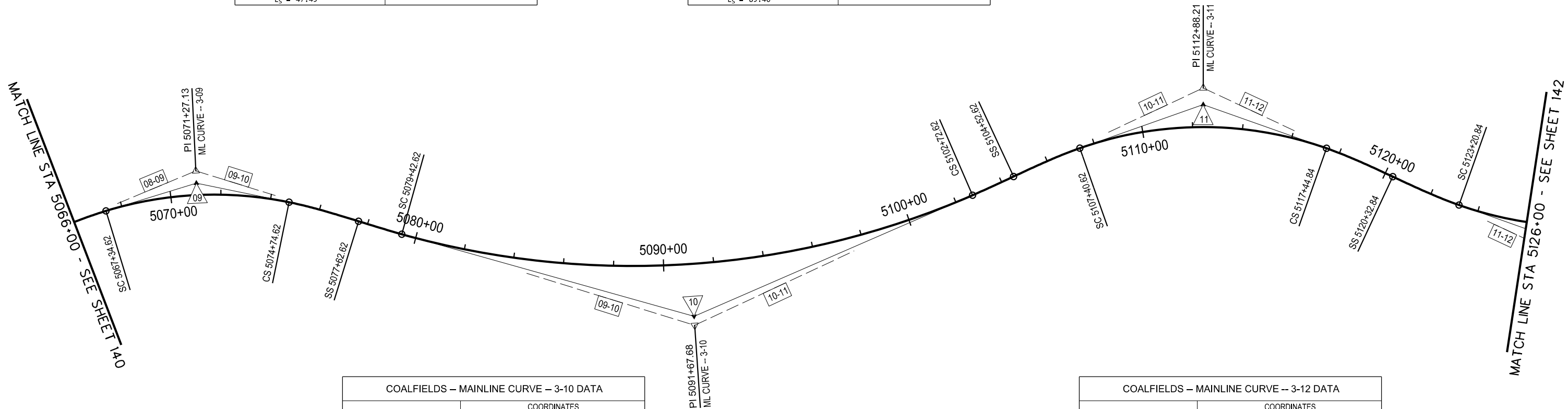
THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
GEOMETRIC LAYOUT

COALFIELDS – MAINLINE CURVE -- 3-09 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5071+27.13	215,471.1170	1,829,670.3668
CPI STA. = 5071+12.52	215,422.3269	1,829,666.1826
SS STA. = 5064+46.62	215,295.0215	1,829,013.0323
SC STA. = 5067+34.62	215,360.4600	1,829,293.3750
CS STA. = 5074+74.62	215,297.8868	1,830,023.0125
SS STA. = 5077+62.62	215,185.6708	1,830,288.1197
GEOMETRIC DATA		
$\Delta = 39^{\circ}47'50.42''$ RT	LT = 192.10'	
$\Delta_C = 28^{\circ}38'52.40''$ RT	ST = 96.09'	
$D_C = 3^{\circ}52'16.81''$	$X_S = 287.73'$	
R = 1,480.00'	$Y_S = 9.33'$	
$\phi_S = 5^{\circ}34'29.01''$ RT	P = 2.33'	
$L_S = 288.00'$	K = 143.95'	
T = 680.51'	SE = 8.00%	
L = 740.00'	RUNOFF = 288.00'	
$E_S = 47.49'$		

COALFIELDS – MAINLINE CURVE -- 3-11 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5112+88.21	215,265.3629	1,833,702.0367
CPI STA. = 5112+62.93	215,199.6605	1,833,693.2236
SS STA. = 5104+52.62	215,015.8558	1,832,904.5615
SC STA. = 5107+40.62	215,092.8622	1,833,181.9497
CS STA. = 5117+44.84	214,961.9007	1,834,158.2797
SS STA. = 5120+32.84	214,814.5159	1,834,405.5689
GEOMETRIC DATA		
$\Delta = 50^{\circ}01'35.42''$ RT	LT = 192.10'	
$\Delta_C = 38^{\circ}52'37.41''$ RT	ST = 96.09'	
$D_C = 3^{\circ}52'16.81''$	$X_S = 287.73'$	
R = 1,480.00'	$Y_S = 9.33'$	
$\phi_S = 5^{\circ}34'29.01''$ RT	P = 2.33'	
$L_S = 288.00'$	K = 143.95'	
T = 835.60'	SE = 8.00%	
L = 1,004.23'	RUNOFF = 288.00'	
$E_S = 89.46'$		

COALFIELDS – MAINLINE CURVE -- 3-10 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5091+67.68	214,596.3074	1,831,563.5999
CPI STA. = 5091+55.16	214,632.2246	1,831,565.9310
SS STA. = 5077+62.62	215,185.6708	1,830,288.1197
SC STA. = 5079+42.62	215,111.6112	1,830,452.1720
CS STA. = 5102+72.62	214,963.6232	1,832,732.3124
SS STA. = 5104+52.62	215,015.8558	1,832,904.5615
GEOMETRIC DATA		
$\Delta = 42^{\circ}10'25.41''$ LT	LT = 120.00'	
$\Delta_C = 39^{\circ}08'57.54''$ LT	ST = 60.00'	
$D_C = 1^{\circ}40'48.82''$	$X_S = 179.99'$	
R = 3,410.00'	$Y_S = 1.58'$	
$\phi_S = 1^{\circ}30'43.94''$ LT	P = 0.40'	
$L_S = 180.00'$	K = 90.00'	
T = 1,405.06'	SE = 5.00%	
L = 2,330.00'	RUNOFF = 180.00'	
$E_S = 209.17'$		

COALFIELDS – MAINLINE CURVE -- 3-12 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5128+67.04	214,364.4269	1,835,107.9185
CPI STA. = 5128+41.86	214,429.9609	1,835,116.7609
SS STA. = 5120+32.84	214,814.5159	1,834,405.5689
SC STA. = 5123+20.84	214,667.1311	1,834,652.8581
CS STA. = 5133+22.77	214,535.7003	1,835,626.9322
ST STA. = 5136+10.77	214,612.2747	1,835,904.4400
GEOMETRIC DATA		
$\Delta = 49^{\circ}56'14.28''$ LT	LT = 192.10'	
$\Delta_C = 38^{\circ}47'16.27''$ LT	ST = 96.09'	
$D_C = 3^{\circ}52'16.81''$	$X_S = 287.73'$	
R = 1,480.00'	$Y_S = 9.33'$	
$\phi_S = 5^{\circ}34'29.01''$ LT	P = 2.33'	
$L_S = 288.00'$	K = 143.95'	
T = 834.19'	SE = 8.00%	
L = 1,001.92'	RUNOFF = 288.00'	
$E_S = 89.03'$	RUNOUT (OUT) = 72.00'	



- 08-09 N 75°00'10.75" E
- 09-10 S 65°11'58.83" E
- 10-11 N 72°37'35.76" E
- 11-12 S 57°20'48.82" E

Whlman, Reardon & Associates, LLP

 CHARLESTON, WEST VIRGINIA

 300 Summers Street, Suite 610, Charleston, WV 25301

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
GEOMETRIC LAYOUT

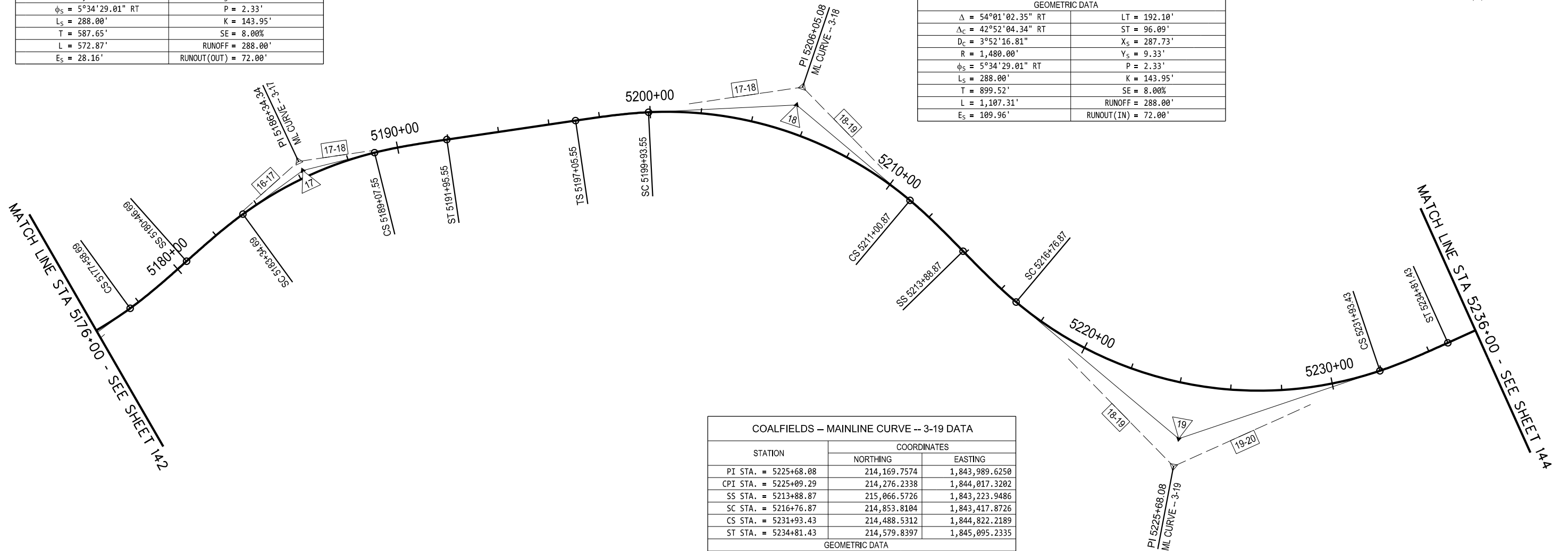
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 R/W-3

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COALFIELDS – MAINLINE CURVE – 3-17 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5186+34.34	215,593.7362	1,840,648.8801
CPI STA. = 5186.24.75	215,557.2224	1,840,663.0214
SS STA. = 5180+46.69	215,233.2851	1,840,184.7619
SC STA. = 5183+34.69	215,402.3990	1,840,417.7313
CS STA. = 5189+07.55	215,607.9995	1,840,948.6072
ST STA. = 5191+95.55	215,639.9154	1,841,234.7114
GEOMETRIC DATA		
$\Delta = 33^{\circ}19'37.56''$ RT	LT = 192.10'	
$\Delta_c = 22^{\circ}10'39.54''$ RT	ST = 96.09'	
$D_c = 3^{\circ}52'16.81''$	$X_s = 287.73'$	
$R = 1,480.00'$	$Y_s = 9.33'$	
$\phi_s = 5^{\circ}34'29.01''$ RT	P = 2.33'	
$L_s = 288.00'$	K = 143.95'	
T = 587.65'	SE = 8.00%	
L = 572.87'	RUNOFF = 288.00'	
$E_s = 28.16'$	RUNOUT(OUT) = 72.00'	

COALFIELDS – MAINLINE CURVE – 3-18 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5206+05.08	215,750.6799	1,842,639.8764
CPI STA. = 5205+74.57	215,682.4722	1,842,611.6217
TS STA. = 5197+05.55	215,679.9927	1,841,743.1342
SC STA. = 5199+93.55	215,693.2978	1,842,030.7055
CS STA. = 5211+00.87	215,279.3347	1,843,030.0247
SS STA. = 5213+88.87	215,066.5726	1,843,223.9486
GEOMETRIC DATA		
$\Delta = 54^{\circ}01'02.35''$ RT	LT = 192.10'	
$\Delta_c = 42^{\circ}52'04.34''$ RT	ST = 96.09'	
$D_c = 3^{\circ}52'16.81''$	$X_s = 287.73'$	
$R = 1,480.00'$	$Y_s = 9.33'$	
$\phi_s = 5^{\circ}34'29.01''$ RT	P = 2.33'	
$L_s = 288.00'$	K = 143.95'	
T = 899.52'	SE = 8.00%	
L = 1,107.31'	RUNOFF = 288.00'	
$E_s = 109.96'$	RUNOUT(IN) = 72.00'	

COALFIELDS – MAINLINE CURVE -- 3-19 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5225+68.08	214,169.7574	1,843,989.6250
CPI STA. = 5225+09.29	214,276.2338	1,844,017.3202
SS STA. = 5213+88.87	215,066.5726	1,843,223.9486
SC STA. = 5216+76.87	214,853.8104	1,843,417.8726
CS STA. = 5231+93.43	214,488.5312	1,844,822.2189
ST STA. = 5234+81.43	214,579.8397	1,845,095.2335
GEOMETRIC DATA		
$\Delta = 69^{\circ}51'38.06''$ LT	LT = 192.10'	
$\Delta_c = 58^{\circ}42'40.04''$ LT	ST = 96.09'	
$D_c = 3^{\circ}52'16.81''$	$X_s = 287.73'$	
$R = 1,480.00'$	$Y_s = 9.33'$	
$\phi_s = 5^{\circ}34'29.01''$ LT	P = 2.33'	
$L_s = 288.00'$	K = 143.95'	
T = 1,179.21'	SE = 8.00%	
L = 1,516.56'	RUNOFF = 288.00'	
$E_s = 218.04'$	RUNOUT(OUT) = 72.00'	



- 16-17 N 52°09'56.82" E
- 17-18 N 85°29'34.38" E
- 18-19 S 40°29'23.27" E
- 19-20 N 69°38'58.67" E

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SCALE : 0 200 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
GEOMETRIC LAYOUT



COALFIELDS -- MAINLINE CURVE -- 3-21 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5271+77.94	215,481.5214	1,848,637.0303
CPI STA. = 5271+60.85	215,531.1105	1,848,617.4461
SS STA. = 5264+57.43	215,477.7885	1,847,916.5287
SC STA. = 5267+45.43	215,488.6133	1,848,204.2040
CS STA. = 5275+55.43	215,782.4437	1,848,948.2129
SS STA. = 5278+43.43	215,971.1045	1,849,165.6557
GEOMETRIC DATA		
$\Delta = 42^{\circ}30'26.19''$ LT	LT = 192.10'	
$\Delta_c = 31^{\circ}21'28.17''$ LT	ST = 96.90'	
$D_c = 3^{\circ}52'16.81''$	$X_s = 287.73'$	
$R = 1,480.00'$	$Y_s = 9.33'$	
$\phi_s = 5^{\circ}34'29.01''$ LT	P = 2.33'	
$L_s = 288.00'$	K = 143.95'	
T = 720.51'	SE = 8.00%	
L = 810.00'	RUNOFF = 288.00'	
$E_s = 57.20'$		

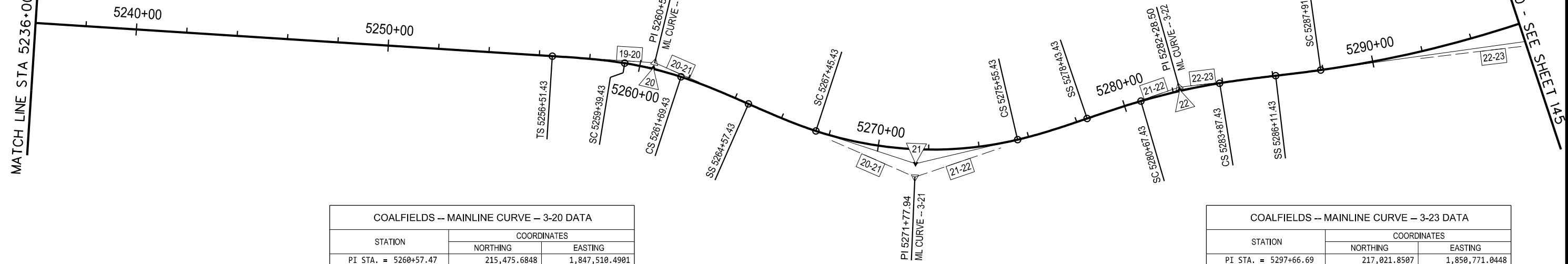
COALFIELDS -- MAINLINE CURVE -- 3-22 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5282+28.50	216,232.7601	1,849,448.1772
CPI STA. = 5282+27.63	216,224.6173	1,849,454.2710
SS STA. = 5278+43.43	215,971.1045	1,849,165.6557
SC STA. = 5280+67.43	216,120.9234	1,849,332.1549
CS STA. = 5283+87.43	216,312.5351	1,849,588.1935
SS STA. = 5286+11.43	216,430.0274	1,849,778.8852
GEOMETRIC DATA		
$\Delta = 11^{\circ}59'16.94''$ RT	LT = 149.35'	
$\Delta_c = 7^{\circ}03'06.44''$ RT	ST = 74.68'	
$D_c = 2^{\circ}12'13.26''$	$X_s = 223.96'$	
$R = 2,600.00'$	$Y_s = 3.22'$	
$\phi_s = 2^{\circ}28'05.25''$ RT	P = 0.80'	
$L_s = 224.00'$	K = 111.99'	
T = 385.07'	SE = 6.20%	
L = 320.00'	RUNOFF = 224.00'	
$E_s = 4.93'$		

COALFIELDS -- MAINLINE CURVE -- 3-20 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5260+57.47	215,475.6848	1,847,510.4901
CPI STA. = 5260+54.66	215,455.1756	1,847,514.2260
TS STA. = 5256+51.43	215,334.4789	1,847,129.7899
SC STA. = 5259+39.43	215,425.7874	1,847,402.8045
CS STA. = 5261+69.43	215,466.9637	1,847,628.8535
SS STA. = 5264+57.43	215,477.7885	1,847,916.5287
GEOMETRIC DATA		
$\Delta = 20^{\circ}03'12.68''$ RT	LT = 192.10'	
$\Delta_c = 8^{\circ}54'14.67''$ RT	ST = 96.90'	
$D_c = 3^{\circ}52'16.81''$	$X_s = 287.73'$	
$R = 1,480.00'$	$Y_s = 9.33'$	
$\phi_s = 5^{\circ}34'29.01''$ RT	P = 2.33'	
$L_s = 288.00'$	K = 143.95'	
T = 406.04'	SE = 8.00%	
L = 230.00'	RUNOFF = 288.00'	
$E_s = 4.48'$	RUNOUT (IN) = 72.00'	

COALFIELDS -- MAINLINE CURVE -- 3-23 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5297+66.69	217,021.8507	1,850,771.0448
CPI STA. = 5297+61.91	217,037.1928	1,850,756.0848
SS STA. = 5286+11.43	216,430.0274	1,849,778.8852
SC STA. = 5287+91.43	216,523.2768	1,849,932.8441
CS STA. = 5307+02.47	217,847.2146	1,851,290.5934
SS STA. = 5308+82.47	217,998.7735	1,851,387.6950
GEOMETRIC DATA		
$\Delta = 26^{\circ}55'23.19''$ LT	LT = 120.00'	
$\Delta_c = 24^{\circ}36'19.90''$ LT	ST = 60.00'	
$D_c = 1^{\circ}17'15.16''$	$X_s = 179.99'$	
$R = 4,450.00'$	$Y_s = 1.21'$	
$\phi_s = 1^{\circ}09'31.65''$ LT	P = 0.30'	
$L_s = 180.00'$	K = 90.00'	
T = 1,155.26'	SE = 4.00%	
L = 1,911.04'	RUNOFF = 180.00'	
$E_s = 104.59'$		

MATCH LINE STA 5236+00 - SEE SHEET 143

MATCH LINE STA 5296+00 - SEE SHEET 145



- 19-20 N 69°38'58.67" E
- 20-21 N 89°42'11.36" E
- 21-22 N 47°11'45.17" E
- 22-23 N 59°11'02.11" E



SCALE : 0 200 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
GEOMETRIC LAYOUT

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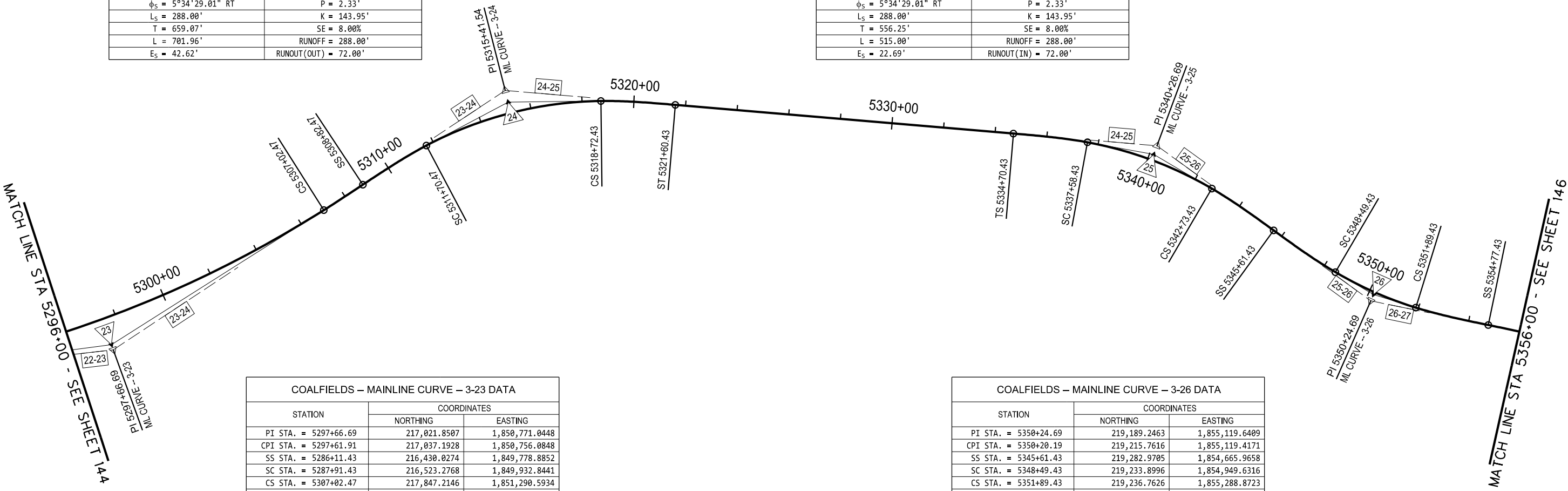
Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheet
W. V.	10	T690 - CFX/CM-18.00 02	N/A	2022	WYOMING	145	209

COALFIELDS – MAINLINE CURVE -- 3-24 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5315+41.54	218,556.0991	1,851,739.4883
CPI STA. = 5315+28.18	218,519.6140	1,851,768.5898
SS STA. = 5308+82.47	217,998.7735	1,851,387.6950
SC STA. = 5311+70.47	218,237.1013	1,851,549.1697
CS STA. = 5318+72.43	218,670.7283	1,852,092.8166
ST STA. = 5321+60.43	218,775.1717	1,852,361.0811
GEOMETRIC DATA		
$\Delta = 38^{\circ}19'29.35''$ RT	LT = 192.10'	
$\Delta_C = 27^{\circ}10'31.33''$ RT	ST = 96.09'	
$D_C = 3^{\circ}52'16.81''$	$X_S = 287.73'$	
$R = 1,480.00'$	$Y_S = 9.33'$	
$\phi_S = 5^{\circ}34'29.01''$ RT	P = 2.33'	
$L_S = 288.00'$	K = 143.95'	
T = 659.07'	SE = 8.00%	
L = 701.96'	RUNOFF = 288.00'	
$E_S = 42.62'$	RUNOUT (OUT) = 72.00'	

COALFIELDS – MAINLINE CURVE -- 3-25 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5340+26.69	219,395.5096	1,854,121.2169
CPI STA. = 5340+18.56	219,359.6736	1,854,123.6416
TS STA. = 5334+70.43	219,210.6127	1,853,596.5936
SC STA. = 5337+58.43	219,297.4491	1,853,871.0633
CS STA. = 5342+73.43	219,332.0414	1,854,382.3000
SS STA. = 5345+61.43	219,282.9705	1,854,665.9658
GEOMETRIC DATA		
$\Delta = 31^{\circ}05'12.59''$ RT	LT = 192.10'	
$\Delta_C = 19^{\circ}56'14.58''$ RT	ST = 96.09'	
$D_C = 3^{\circ}52'16.81''$	$X_S = 287.73'$	
$R = 1,480.00'$	$Y_S = 9.33'$	
$\phi_S = 5^{\circ}34'29.01''$ RT	P = 2.33'	
$L_S = 288.00'$	K = 143.95'	
T = 556.25'	SE = 8.00%	
L = 515.00'	RUNOFF = 288.00'	
$E_S = 22.69'$	RUNOUT (IN) = 72.00'	

COALFIELDS – MAINLINE CURVE -- 3-23 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5297+66.69	217,021.8507	1,850,771.0448
CPI STA. = 5297+61.91	217,037.1928	1,850,756.0848
SS STA. = 5286+11.43	216,430.0274	1,849,778.8852
SC STA. = 5287+91.43	216,523.2768	1,849,932.8441
CS STA. = 5307+02.47	217,847.2146	1,851,290.5934
SS STA. = 5308+82.47	217,998.7735	1,851,387.6950
GEOMETRIC DATA		
$\Delta = 26^{\circ}55'23.19''$ LT	LT = 120.00'	
$\Delta_C = 24^{\circ}36'19.90''$ LT	ST = 60.00'	
$D_C = 1^{\circ}17'15.16''$	$X_S = 179.99'$	
$R = 4,450.00'$	$Y_S = 1.21'$	
$\phi_S = 1^{\circ}09'31.65''$ LT	P = 0.30'	
$L_S = 180.00'$	K = 90.00'	
T = 1,155.26'	SE = 4.00%	
L = 1,911.04'	RUNOFF = 180.00'	
$E_S = 104.59'$		

COALFIELDS – MAINLINE CURVE -- 3-26 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5350+24.69	219,189.2463	1,855,119.6409
CPI STA. = 5350+20.19	219,215.7616	1,855,119.4171
SS STA. = 5345+61.43	219,282.9705	1,854,665.9658
SC STA. = 5348+49.43	219,233.8996	1,854,949.6316
CS STA. = 5351+89.43	219,236.7626	1,855,288.8723
SS STA. = 5354+77.43	219,290.6141	1,855,571.6695
GEOMETRIC DATA		
$\Delta = 24^{\circ}18'43.17''$ LT	LT = 192.10'	
$\Delta_C = 13^{\circ}09'45.16''$ LT	ST = 96.90'	
$D_C = 3^{\circ}52'16.81''$	$X_S = 287.73'$	
$R = 1,480.00'$	$Y_S = 9.33'$	
$\phi_S = 5^{\circ}34'29.01''$ LT	P = 2.33'	
$L_S = 288.00'$	K = 143.95'	
T = 463.26'	SE = 8.00%	
L = 340.00'	RUNOFF = 288.00'	
$E_S = 9.82'$		



- 22-23 N 59°11'02.11" E
- 23-24 N 32°15'38.92" E
- 24-25 N 70°35'08.27" E
- 25-26 S 78°19'39.13" E
- 26-27 N 77°21'37.69" E

02/28/22



SCALE : 0 200 ft.

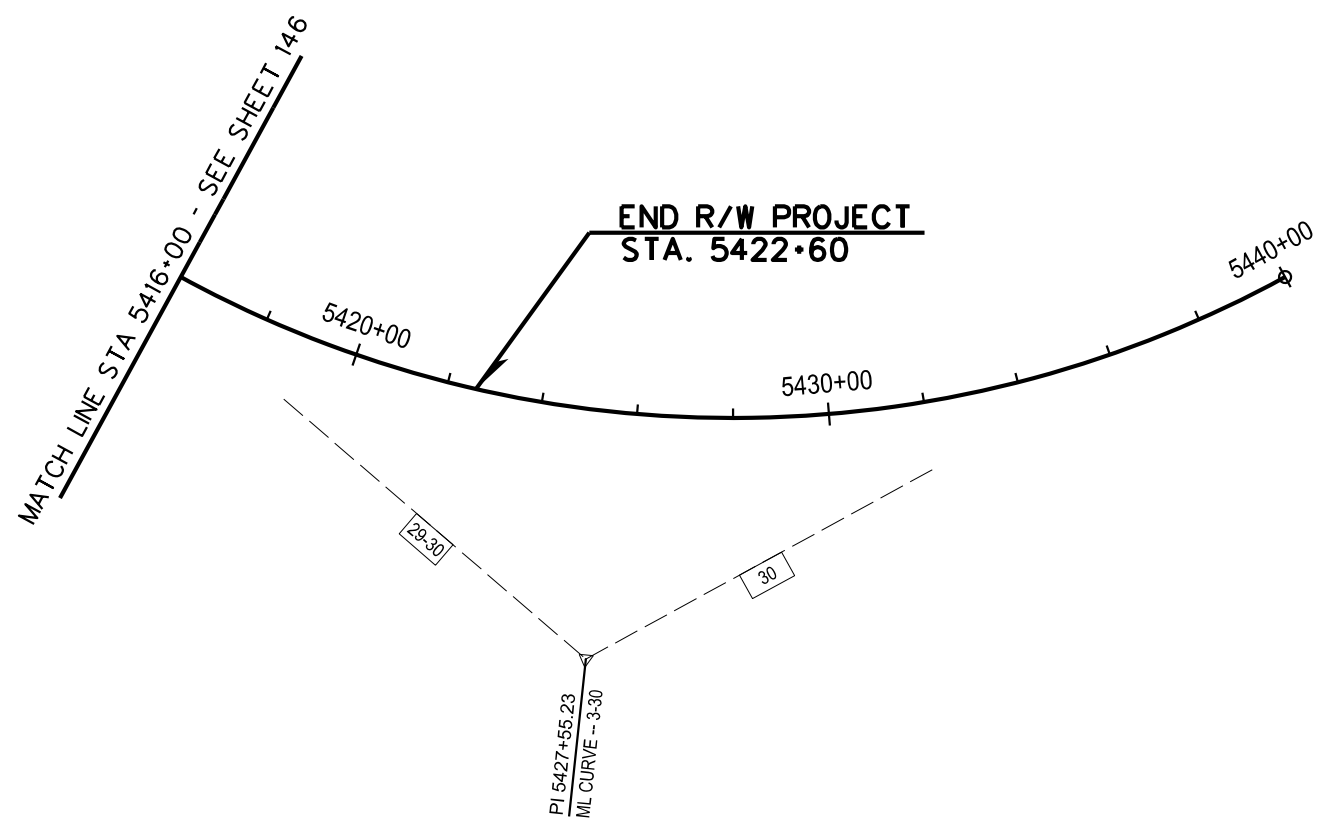
REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
GEOMETRIC LAYOUT

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheets
W. V.	10	T690 -CFX/CM-18.00 02	N/A	2022	WYOMING	147	209



COALFIELDS – MAINLINE CURVE – 3-30 DATA		
STATION	COORDINATES	
	NORTHING	EASTING
PI STA. = 5427+55.23	219,402.2908	1,862,484.2084
PC STA. = 5410+94.56	219,825.5074	1,860,878.3711
PT STA. = 5440+00.00	220,755.9117	1,863,446.2561
GEOMETRIC DATA		
$\Delta = 69^{\circ}21'44.20''$ Left	LC = 2,731.24'	
$D_c = 2^{\circ}23'14.37''$	M = 426.40'	
R = 2,400.00'	SE = 6.6%	
T = 1,660.67'	RUNOFF = 238.00'	
L = 2,905.44'	RUNOUT = 72.12'	
E = 518.53'		



29-30 S 75°14'07.76" E
30 N 35°24'08.04" E

R/W-3 02/28/22



SCALE : 0 200 ft.

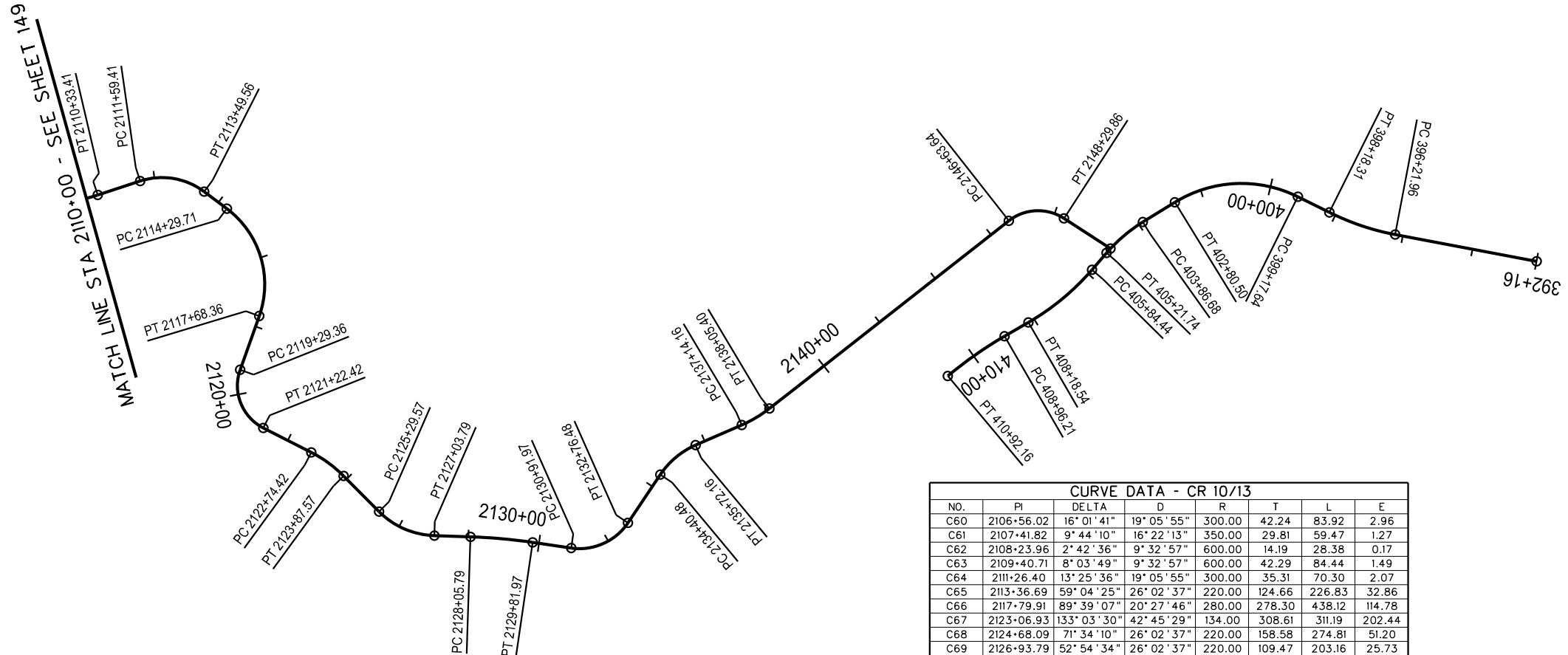
REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

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 DIVISION OF HIGHWAYS
GEOMETRIC LAYOUT

28-Apr-2022 10:08 PM



COORDINATES - CR 10/13				
STATION	TYPE	NORTHING	EASTING	BEARING AH.
2105+36.97	PI	224,483.862	1,834,733.429	N28° 59' 24" W
2106+09.41	PT	224,573.330	1,834,683.856	
2106+13.79	PC	224,577.159	1,834,681.735	
2106+56.02	PI	224,614.104	1,834,661.264	N12° 57' 41" W
2106+97.71	PT	224,655.265	1,834,651.791	
2107+12.01	PC	224,669.202	1,834,648.583	
2107+41.82	PI	224,698.251	1,834,641.897	N3° 13' 32" W
2107+71.48	PT	224,728.013	1,834,640.220	
2108+09.77	PC	224,766.238	1,834,638.066	
2108+23.96	PI	224,780.408	1,834,637.267	N5° 56' 07" W
2108+38.15	PT	224,794.524	1,834,635.799	
2108+98.42	PC	224,854.473	1,834,629.567	
2109+40.71	PI	224,896.537	1,834,625.194	N2° 07' 41" E
2109+82.86	PT	224,938.800	1,834,626.764	
2110+91.08	PC	225,046.945	1,834,630.783	
2111+26.40	PI	225,082.233	1,834,632.094	N11° 17' 54" W
2111+61.39	PT	225,116.861	1,834,625.176	
2112+12.03	PC	225,166.526	1,834,615.253	
2113+36.69	PI	225,288.767	1,834,590.831	N47° 46' 31" E
2114+38.86	PT	225,372.541	1,834,683.141	
2115+01.60	PC	225,414.709	1,834,729.605	
2117+79.91	PI	225,601.741	1,834,935.693	S42° 34' 22" E
2119+39.73	PT	225,396.793	1,835,123.974	
2119+98.32	PC	225,353.644	1,835,163.613	
2123+06.93	PI	225,126.380	1,835,372.395	N4° 22' 08" E
2123+09.51	PRC	225,434.091	1,835,395.904	
2124+68.09	PI	225,592.210	1,835,407.984	N75° 56' 17" E
2125+84.31	PRC	225,630.740	1,835,561.812	
2126+93.79	PI	225,657.338	1,835,668.002	N23° 01' 44" E
2127+87.47	PT	225,758.085	1,835,710.827	
2132+09.36	PC	226,146.355	1,835,875.869	
2133+60.67	PI	226,285.606	1,835,935.061	N55° 31' 47" W
2134+63.02	PT	226,371.244	1,835,810.318	
2134+96.94	PC	226,390.444	1,835,782.351	
2136+29.79	PI	226,465.634	1,835,672.828	N9° 39' 53" W
2137+48.30	PT	226,596.597	1,835,650.525	
2138+12.95	PC	226,660.336	1,835,639.670	
2138+75.52	PI	226,722.012	1,835,629.167	N32° 12' 06" W
2139+36.46	PT	226,774.952	1,835,595.826	
2142+55.25	PC	227,044.703	1,835,425.944	
2143+29.29	PI	227,107.349	1,835,386.491	N18° 08' 00" W
2144+02.58	PT	227,177.707	1,835,363.449	
2145+62.77	PC	227,329.947	1,835,313.591	
2146+23.17	PI	227,387.347	1,835,294.793	N25° 02' 46" W
2146+83.43	PT	227,442.068	1,835,269.223	
2147+66.70	PC	227,517.513	1,835,233.968	
2148+96.45	PI	227,635.058	1,835,179.041	N63° 06' 19" E
2149+72.87	PT	227,693.748	1,835,294.753	
2150+80.65	POE	227,742.506	1,835,390.881	



CURVE DATA - CR 10/13							
NO.	PI	DELTA	D	R	T	L	E
C60	2106+56.02	16° 01' 41"	19° 05' 55"	300.00	42.24	83.92	2.96
C61	2107+41.82	9° 44' 10"	16° 22' 13"	350.00	29.81	59.47	1.27
C62	2108+23.96	2° 42' 36"	9° 32' 57"	600.00	14.19	28.38	0.17
C63	2109+40.71	8° 03' 49"	9° 32' 57"	600.00	42.29	84.44	1.49
C64	2111+26.40	13° 25' 36"	19° 05' 55"	300.00	35.31	70.30	2.07
C65	2113+36.69	59° 04' 25"	26° 02' 37"	220.00	124.66	226.83	32.86
C66	2117+79.91	89° 39' 07"	20° 27' 46"	280.00	278.30	438.12	114.78
C67	2123+06.93	133° 03' 30"	42° 45' 29"	134.00	308.61	311.19	202.44
C68	2124+68.09	71° 34' 10"	26° 02' 37"	220.00	158.58	274.81	51.20
C69	2126+93.79	52° 54' 34"	26° 02' 37"	220.00	109.47	203.16	25.73
C70	2133+60.67	78° 33' 31"	30° 58' 14"	185.00	151.31	253.65	54.00
C71	2136+29.79	45° 51' 54"	18° 14' 49"	314.00	132.85	251.35	26.95
C72	2138+75.52	22° 32' 13"	18° 14' 49"	314.00	62.56	123.51	6.17
C73	2143+29.29	14° 04' 07"	9° 32' 57"	600.00	74.03	147.32	4.55
C74	2146+23.17	6° 54' 46"	5° 43' 46"	1000.00	60.40	120.65	1.82
C75	2148+96.45	88° 09' 05"	42° 45' 29"	134.00	129.74	206.16	52.52

R/W-3 02/28/22

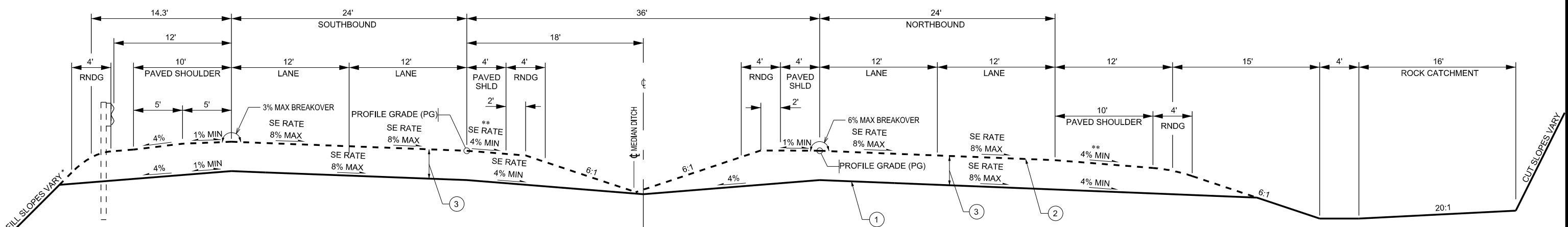
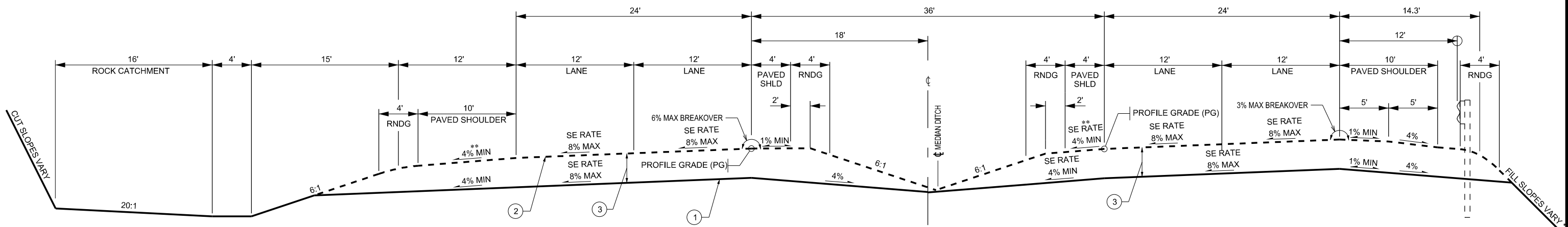
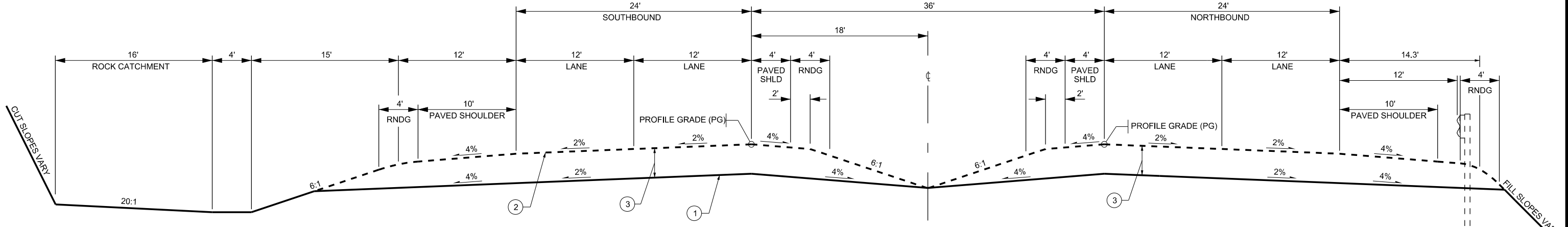


SCALE : 0 200 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
GEOMETRIC LAYOUT

28-AUG-2022 10:08:45 AM



- ① FINISHED GRADE (GRADE AND DRAIN CONTRACT)
- ② FINISHED GRADE (FUTURE PAVING CONTRACT)
- ③ FILL SECTIONS - TBD

* SEE CROSS SECTIONS
 ** SLOPE SHOULDER TO CONFORM TO SLOPE OF TRAVEL LANES

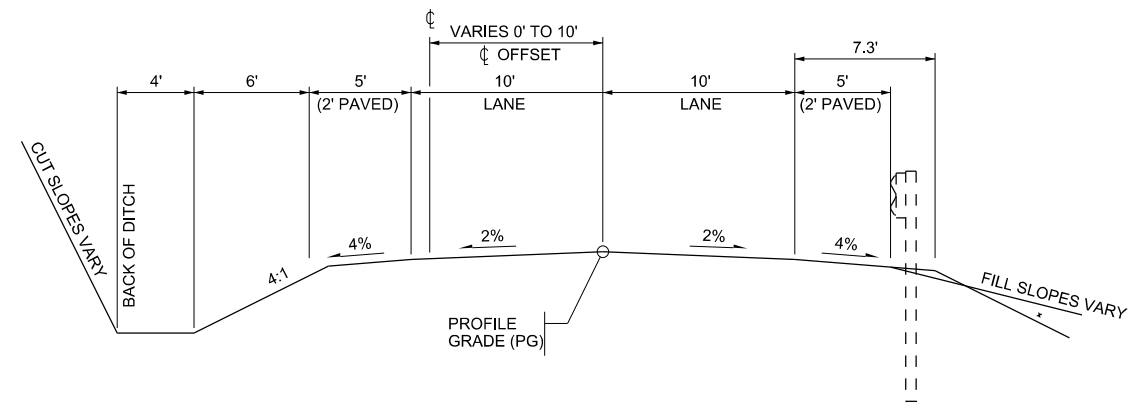
4991+26.06 TO 5006+19.62	5196+33.55 TO 5213+88.87
5022+13.62 TO 5034+55.62	5255+79.43 TO 5264+57.43
5041+31.62 TO 5054+97.62	5278+43.43 TO 5286+11.43
5064+46.62 TO 5077+62.62	5308+82.47 TO 5322+32.43
5104+52.62 TO 5120+32.84	5333+98.43 TO 5345+61.43
5137+38.72 TO 5145+72.77	5354+77.43 TO 5361+83.43
5152+74.77 TO 5164+26.77	5375+95.01 TO 5397+07.93
5180+46.69 TO 5192+67.55	



REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

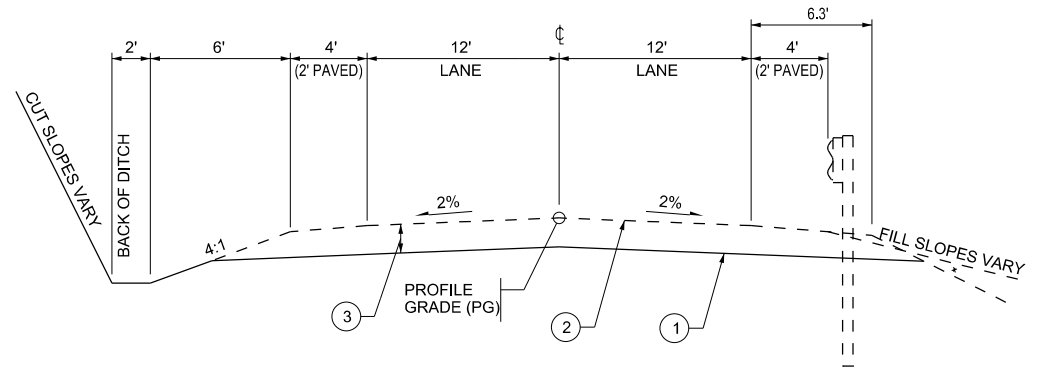
R/W-3 02/28/22

28-Apr-2022 08:08 PM



CR 10/13 (TWIN FALLS CONNECTOR)
2000+43 TO 2150+81

⊕ OFFSET			
STATION	TO	STATION	CENTERLINE OFFSET
2000+43	TO	2027+00	0'
2027+00	TO	2029+00	VARIES 0' TO 10' (20:1 TAPER RATE)
2029+00	TO	2081+00	10'
2081+00	TO	2083+00	VARIES 10' TO 0' (20:1 TAPER RATE)
2083+00	TO	2102+00	0'
2102+00	TO	2104+00	VARIES 0' TO 10' (20:1 TAPER RATE)
2104+00	TO	2114+00	10'
2114+00	TO	2116+00	VARIES 10' TO 0' (20:1 TAPER RATE)
2116+00	TO	2150+81	0'



WV 10 & WV 16 CONNECTOR AND MULLENS CONNECTOR - NORMAL CROWN SECTION
PINEVILLE - 0+00 TO 11+66.11
MULLENS - 0+00 TO 36+21.00

- ① FINISHED GRADE (GRADE AND DRAIN CONTRACT)
- ② FINISHED GRADE (FUTURE PAVING CONTRACT)
- ③ FILL SECTIONS - TBD

* SEE CROSS SECTIONS
** SLOPE SHOULDER TO CONFORM TO SLOPE OF TRAVEL LANES

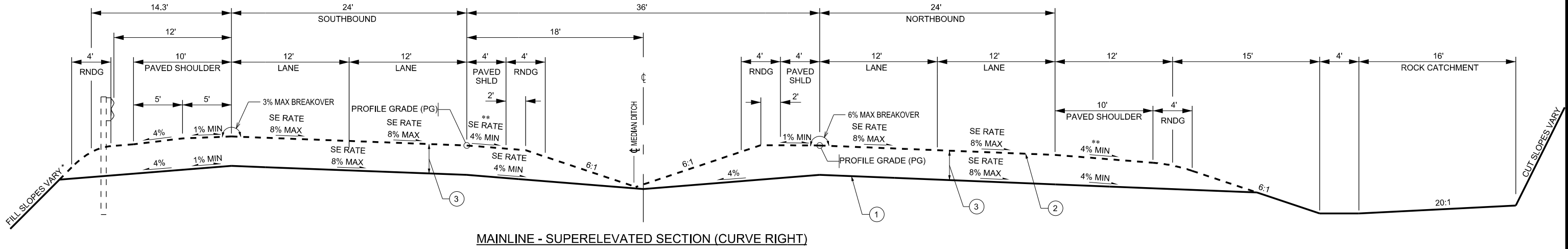
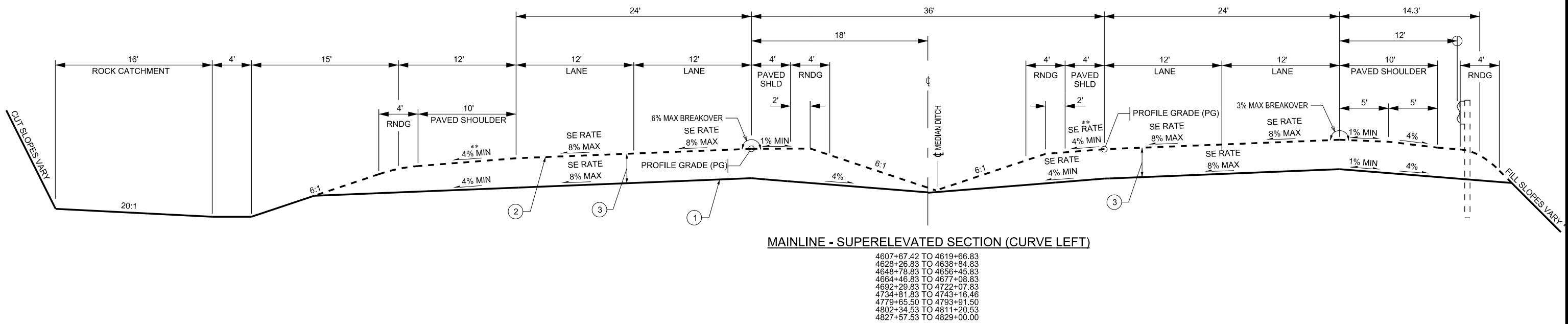
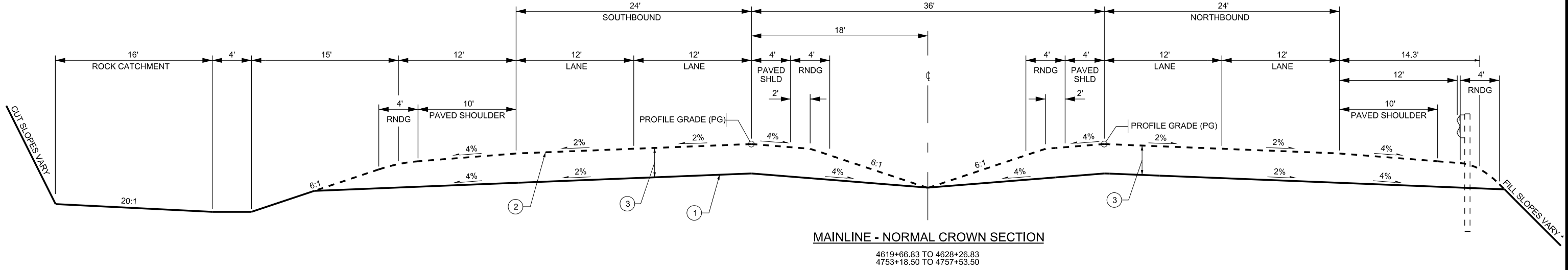


REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TYPICAL SECTIONS

R/W-3 02/28/22

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- ① FINISHED GRADE (GRADE AND DRAIN CONTRACT)
- ② FINISHED GRADE (FUTURE PAVING CONTRACT)
- ③ FILL SECTIONS - TBD

* SEE CROSS SECTIONS
 ** SLOPE SHOULDER TO CONFORM TO SLOPE OF TRAVEL LANES

4638+84.83 TO 4648+78.83
 4656+45.83 TO 4664+46.83
 4677+08.83 TO 4692+29.83
 4722+07.83 TO 4734+81.83
 4743+16.46 TO 4753+18.50
 4757+53.50 TO 4779+65.50
 4793+91.50 TO 4802+34.53
 4811+20.53 TO 4827+57.53



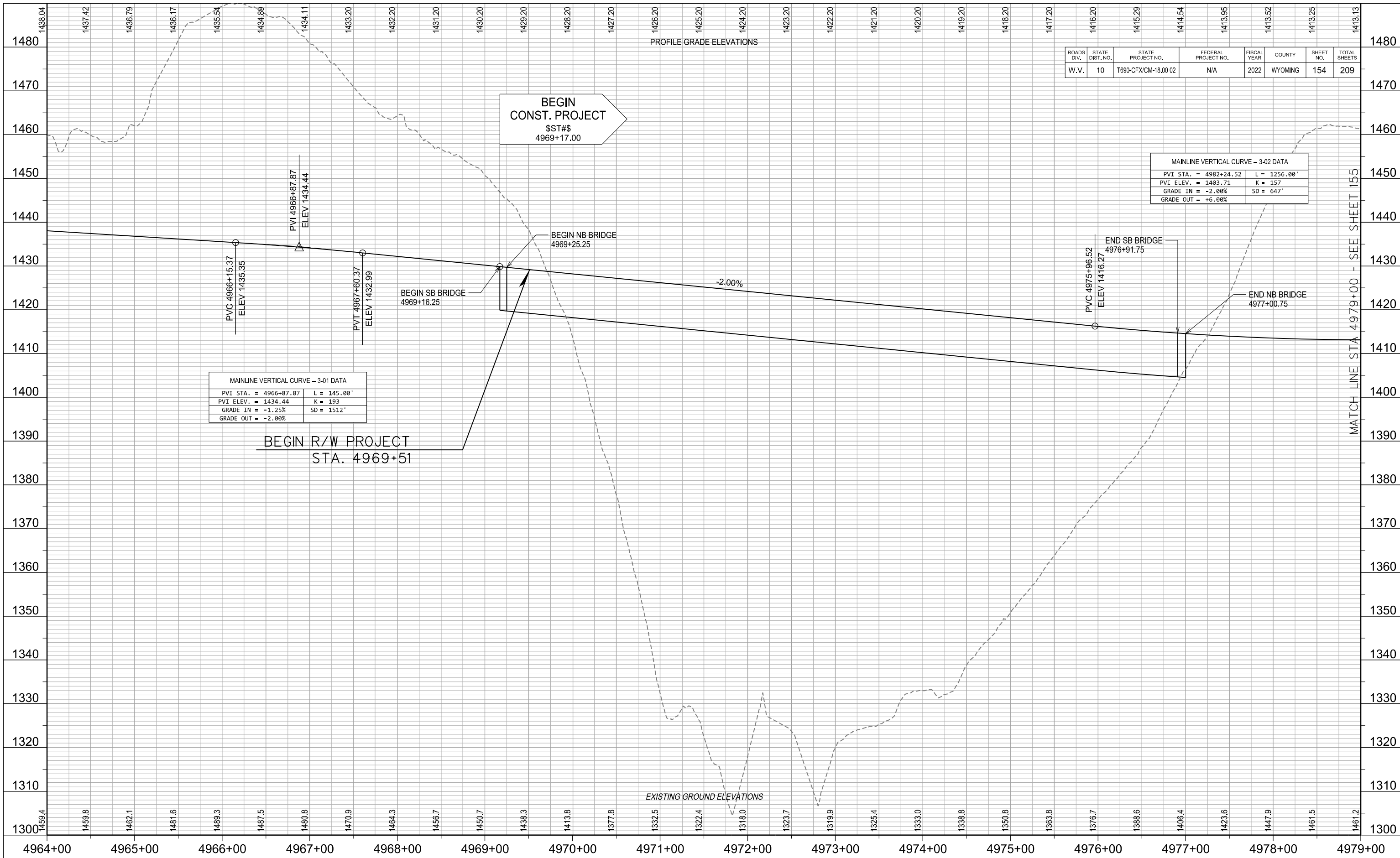
REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
TYPICAL SECTIONS

R/W-3 02/28/22

28-Apr-2022 10:08:58 AM

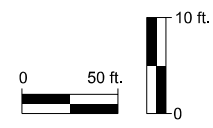
R/W-3 02/28/22



ROADS DIV.	STATE DIST. NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
W.V.	10	T690-CFX/CM-18.00 02	N/A	2022	WYOMING	154	209

MAINLINE VERTICAL CURVE - 3-01 DATA			
PVI STA. =	4966+87.87	L =	145.00'
PVI ELEV. =	1434.44	K =	193
GRADE IN =	-1.25%	SD =	1512'
GRADE OUT =	-2.00%		

MAINLINE VERTICAL CURVE - 3-02 DATA			
PVI STA. =	4982+24.52	L =	1256.00'
PVI ELEV. =	1403.71	K =	157
GRADE IN =	-2.00%	SD =	647'
GRADE OUT =	+6.00%		

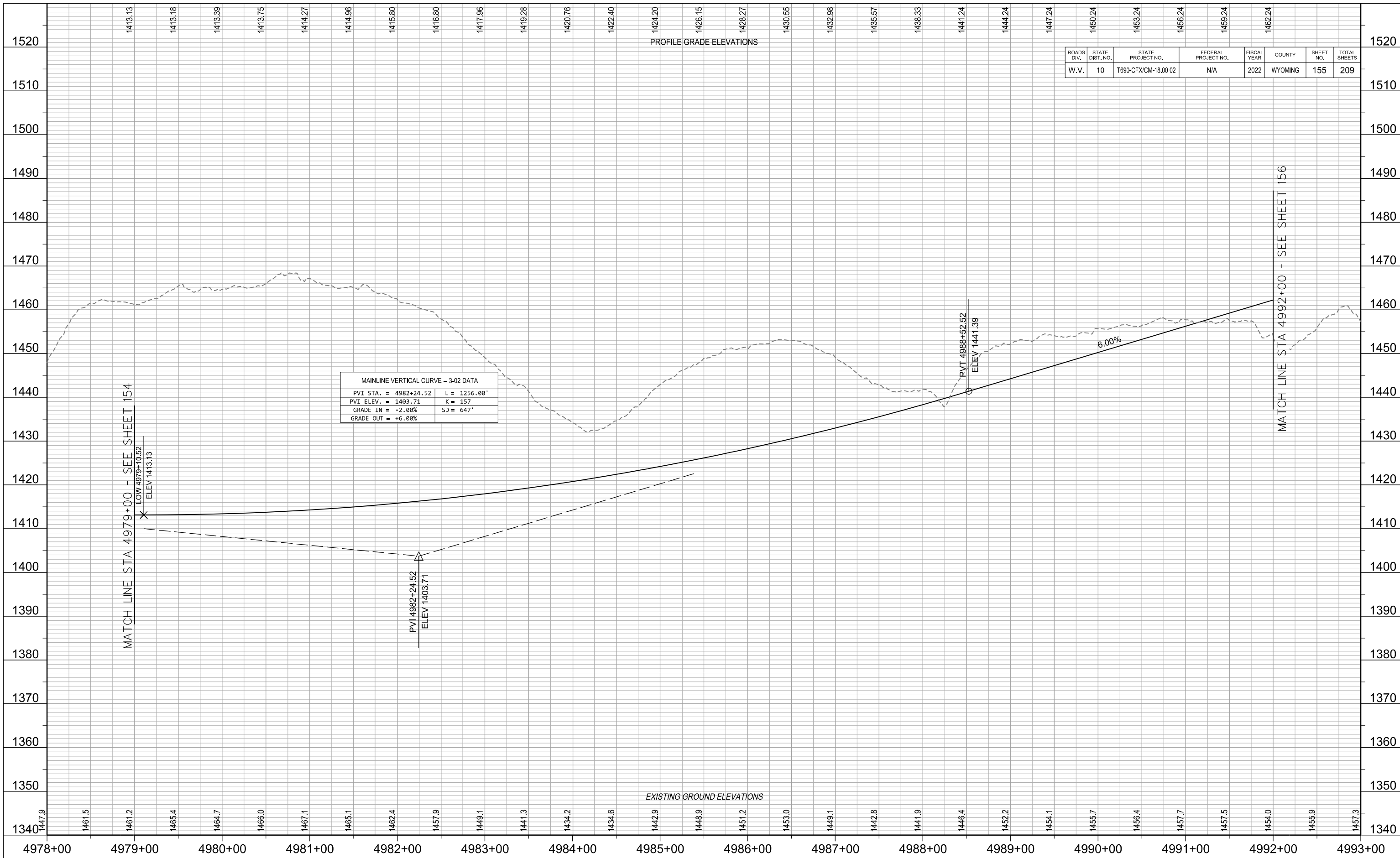


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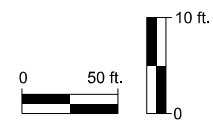
THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROFILE SHEET
MAINLINE ~ STA. 4964+00 - 4979+00

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R/W-3 02/28/22



ROADS DIV.	STATE DIST. NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
W.V.	10	T690-CFX/CM-18.00 02	N/A	2022	WYOMING	155	209



REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

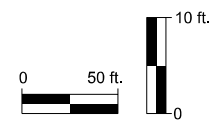
THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROFILE SHEET

MAINLINE ~ STA. 4979+00 - 4992+00

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R/W-3 02/28/22



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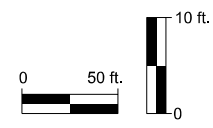
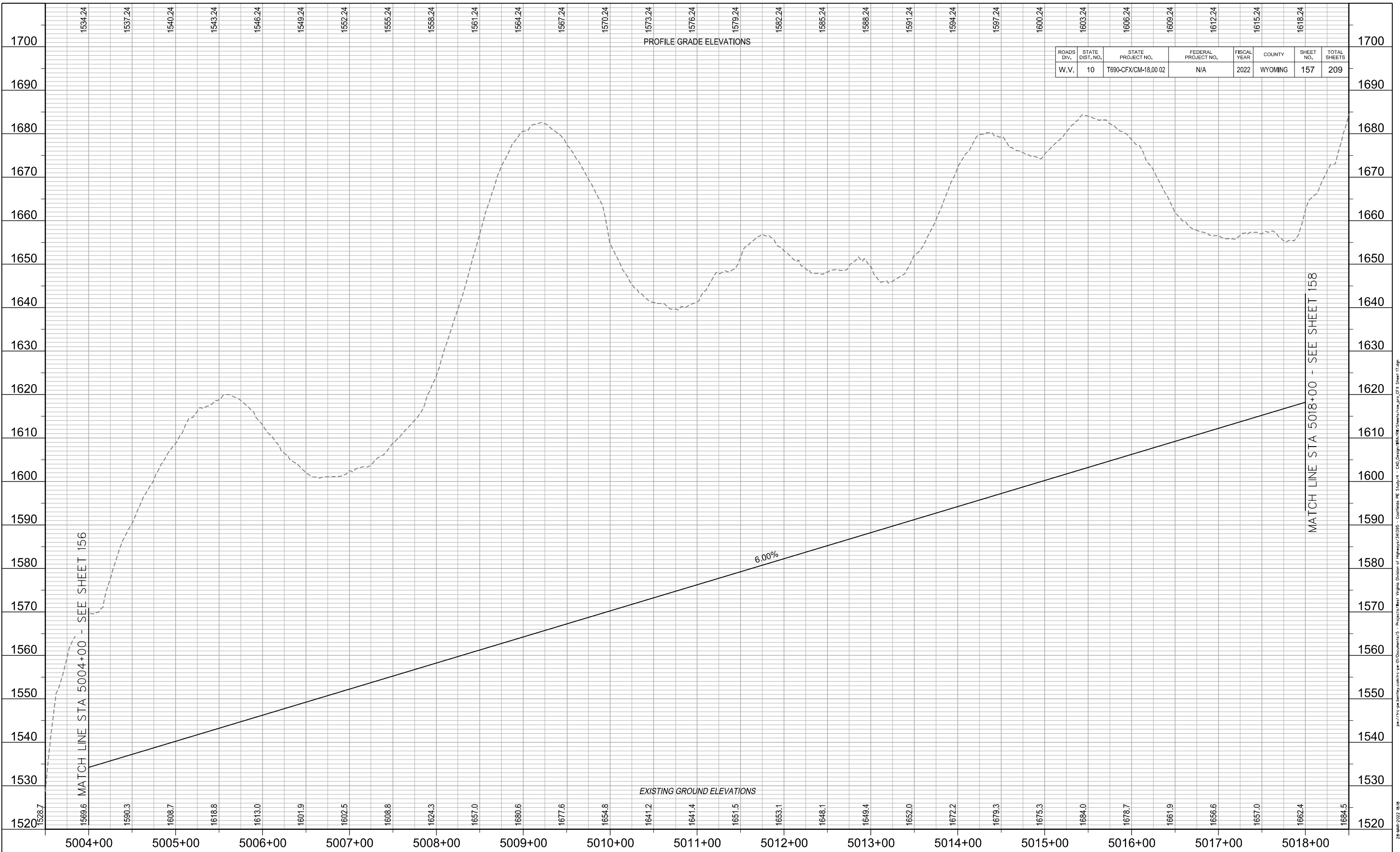
THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROFILE SHEET

MAINLINE ~ STA. 4992+00 - 5004+00

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R/W-3 02/28/22



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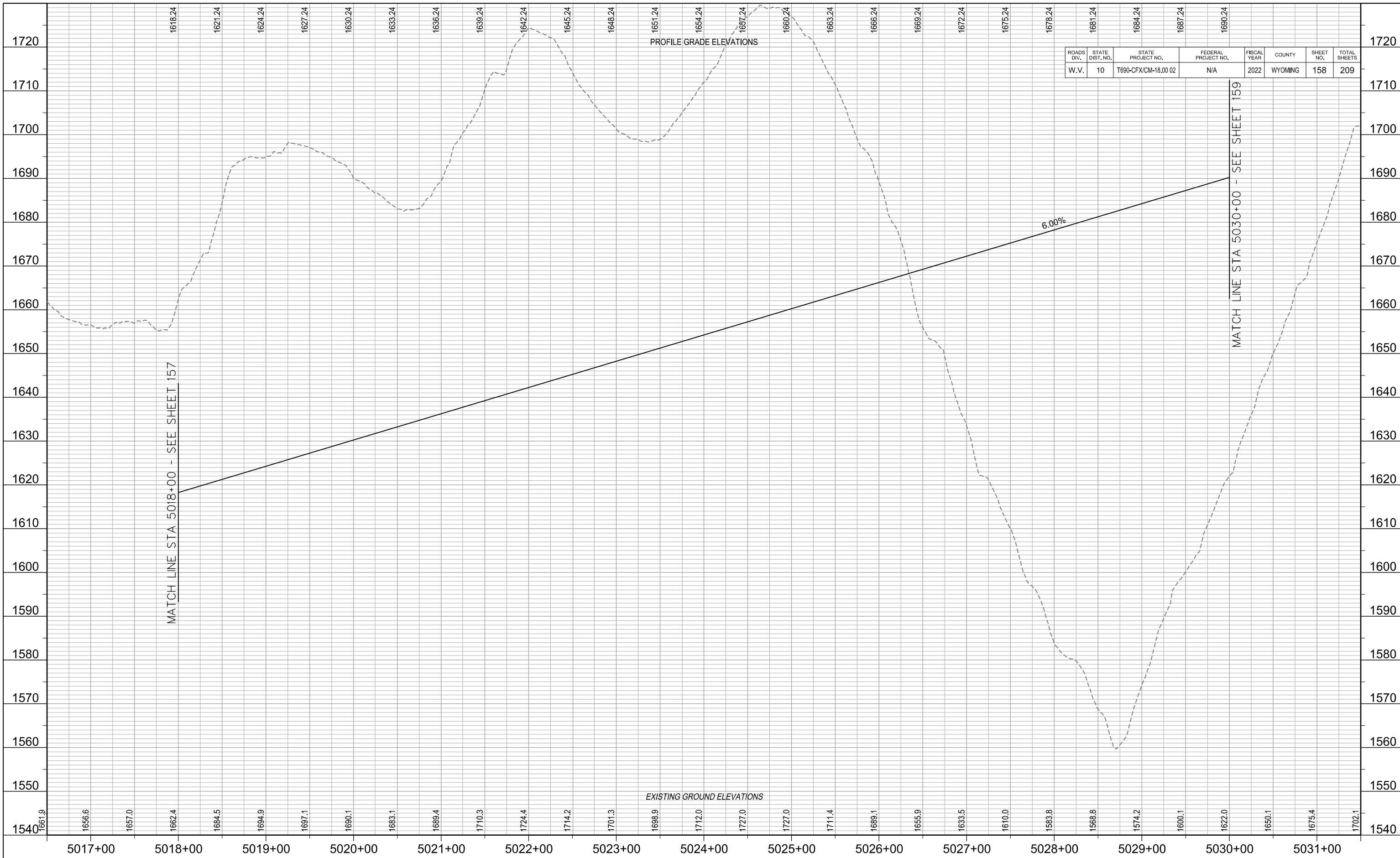
THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROFILE SHEET

MAINLINE ~ STA. 5004+00 - 5018+00

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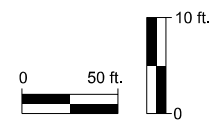


ROADS DIV.	STATE DIST. NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
W.V.	10	T690-CFX/CM-18.00 02	N/A	2022	WYOMING	158	209

MATCH LINE STA 5018+00 - SEE SHEET 157

MATCH LINE STA 5030+00 - SEE SHEET 159

6.00%



REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

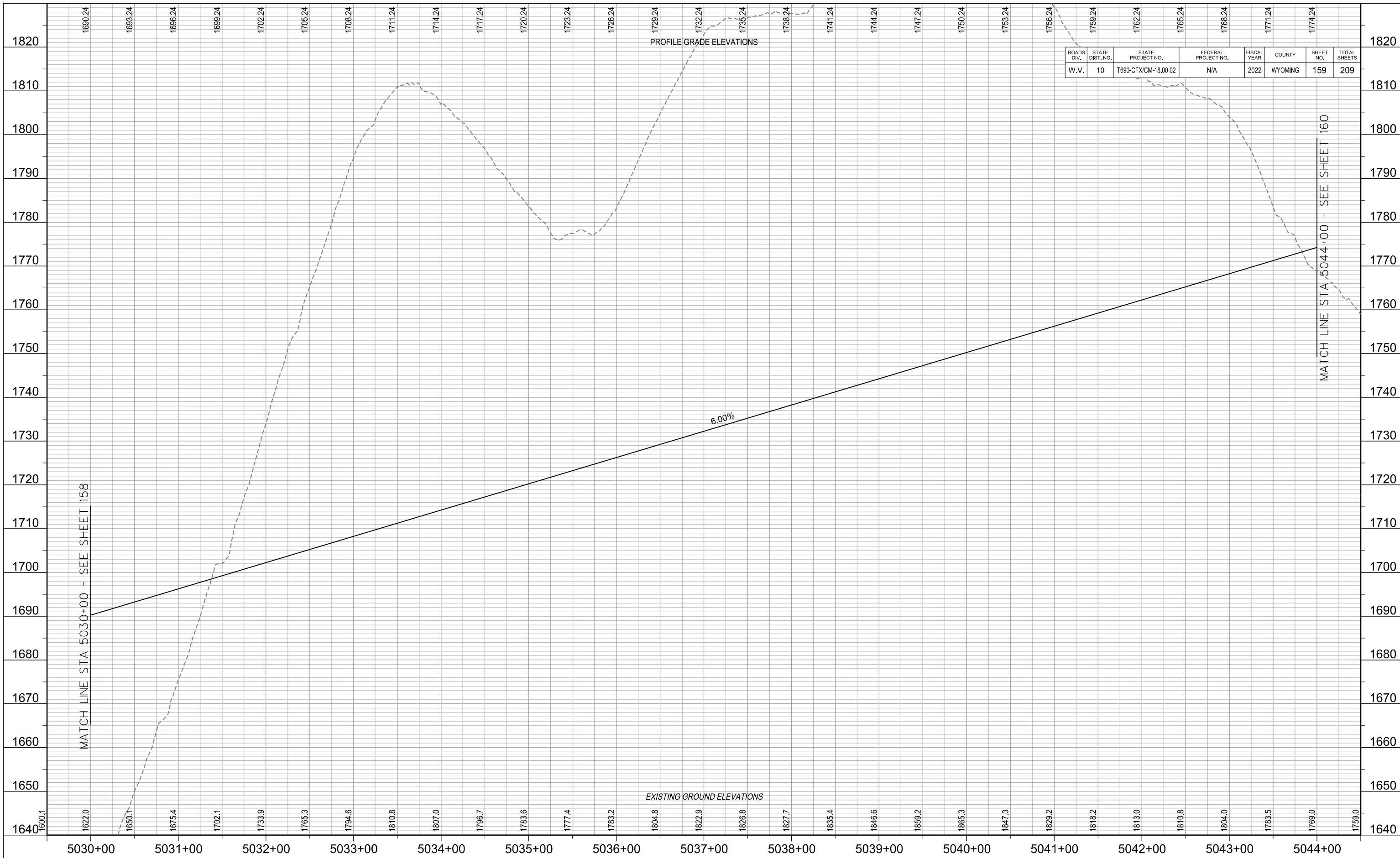
THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROFILE SHEET

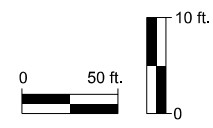
MAINLINE ~ STA. 5018+00 - 5030+00

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ROADS DIV.	STATE DIST. NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
W.V.	10	T690-CFX/CM-18.00 02	N/A	2022	WYOMING	159	209



REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

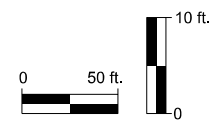
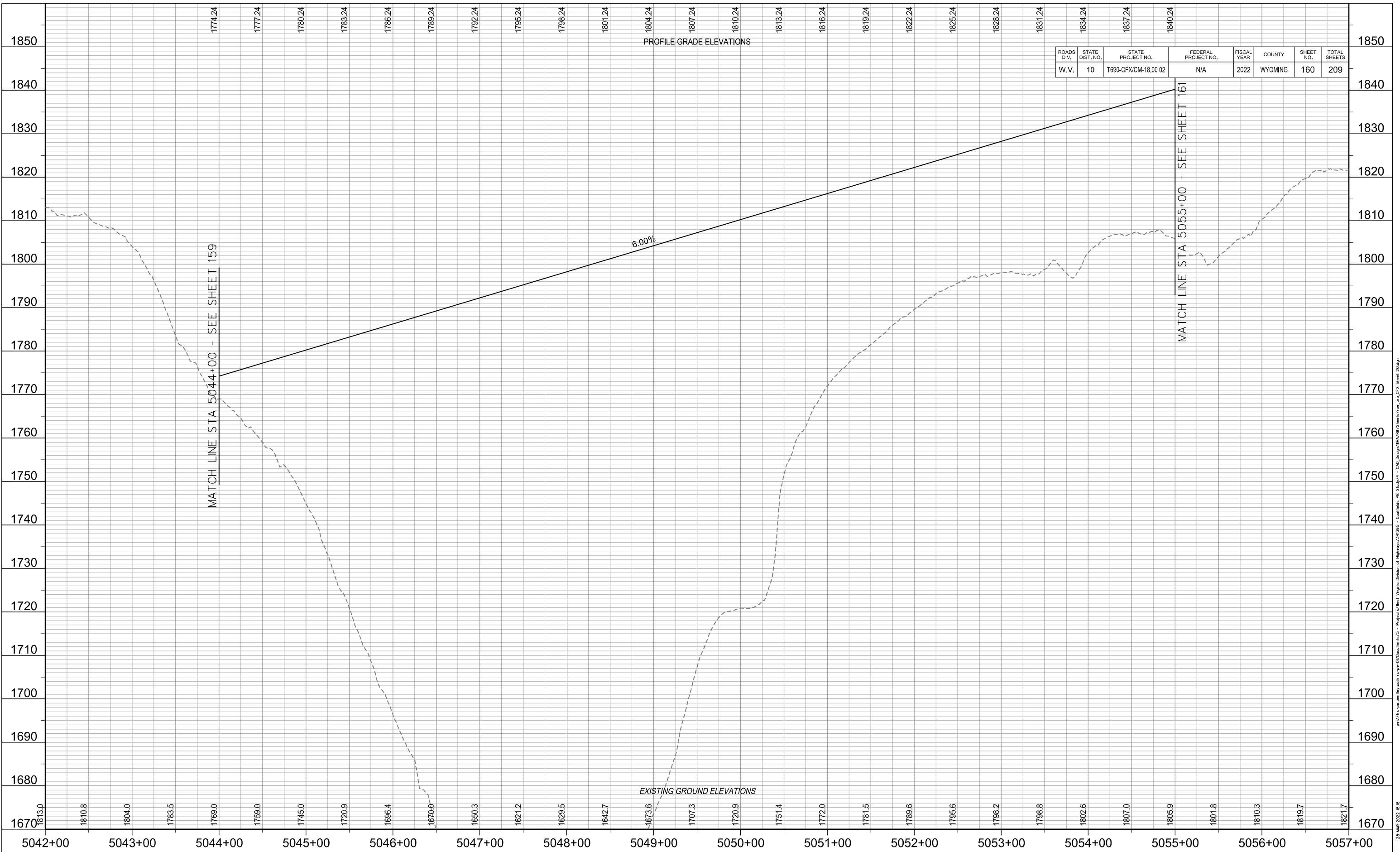
THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROFILE SHEET

MAINLINE ~ STA. 5030+00 - 5044+00

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02/28/22



REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

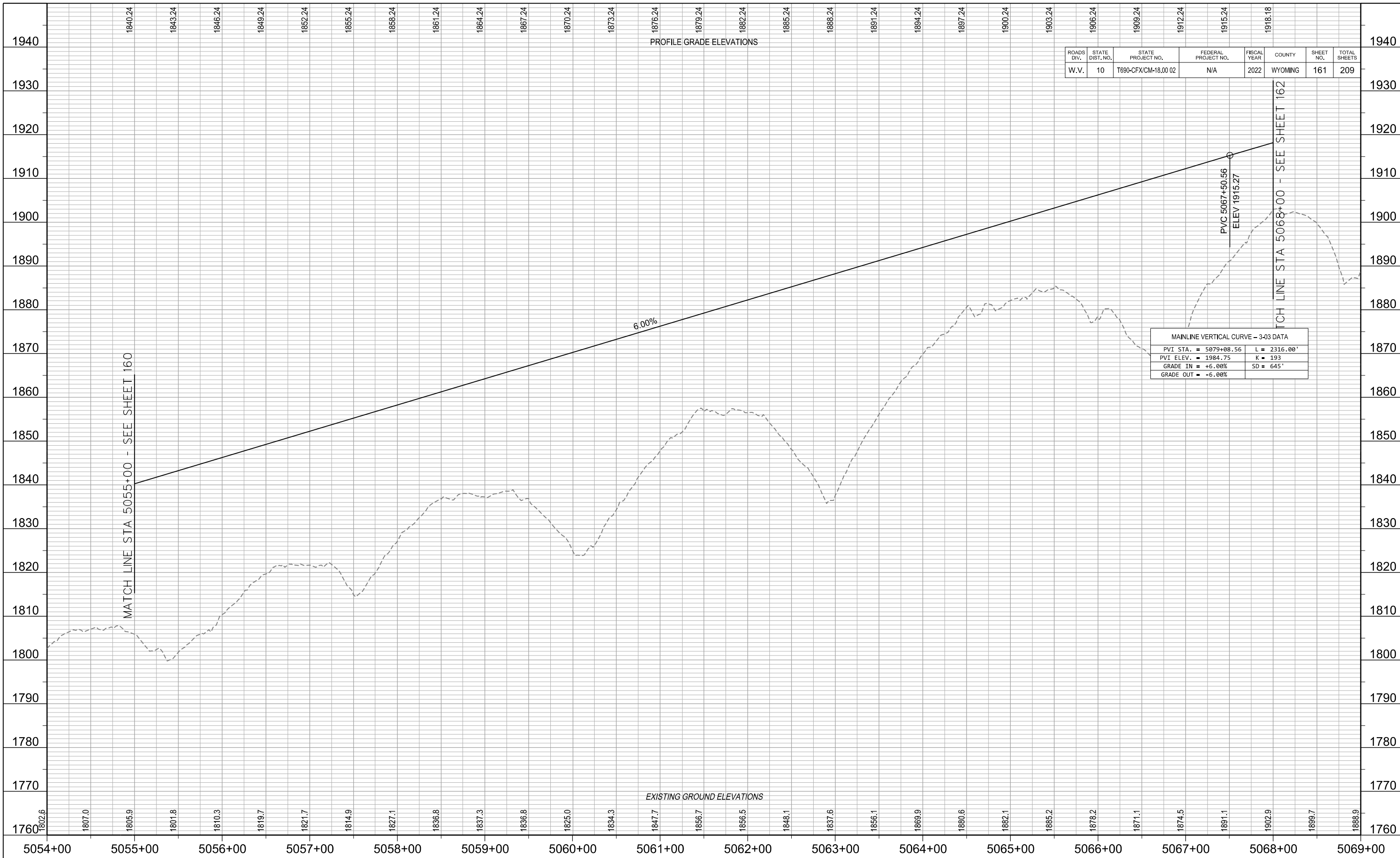
THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROFILE SHEET

MAINLINE ~ STA. 5044+00 - 5055+00

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R/W-3 02/28/22



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THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROFILE SHEET

MAINLINE ~ STA. 5055+00 - 5068+00

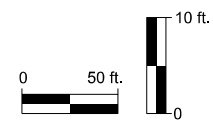
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R/W-3 02/28/22



ROADS DIV.	STATE DIST. NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
W.V.	10	T690-CFX/CM-18.00 02	N/A	2022	WYOMING	162	209

MAINLINE VERTICAL CURVE - 3-03 DATA			
PVI STA. = 5079+08.56	L = 2316.00'		
PVI ELEV. = 1984.75	K = 193		
GRADE IN = +6.00%	SD = 645'		
GRADE OUT = -6.00%			

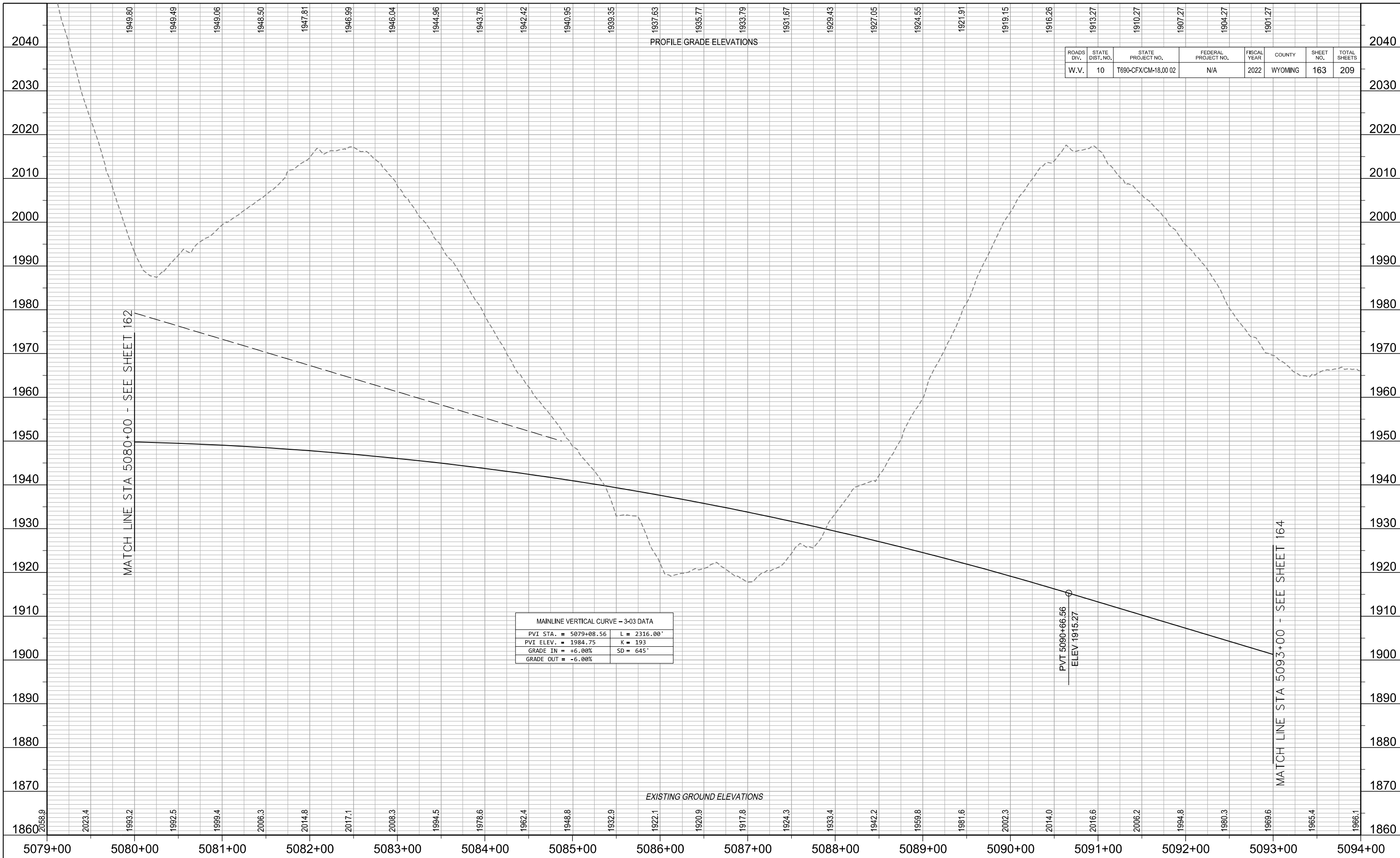


REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROFILE SHEET
MAINLINE ~ STA. 5068+00 - 5080+00

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R/W-3
02/28/22

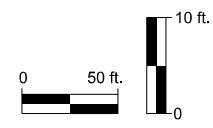


PROFILE GRADE ELEVATIONS

EXISTING GROUND ELEVATIONS

MAINLINE VERTICAL CURVE - 3-03 DATA	
PVI STA. = 5079+08.56	L = 2316.00'
PVI ELEV. = 1984.75	K = 193
GRADE IN = +6.00%	SD = 645'
GRADE OUT = -6.00%	

ROADS DIV.	STATE DIST. NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
W.V.	10	T690-CFX/CM-18.00 02	N/A	2022	WYOMING	163	209

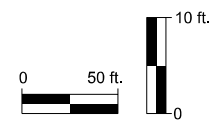
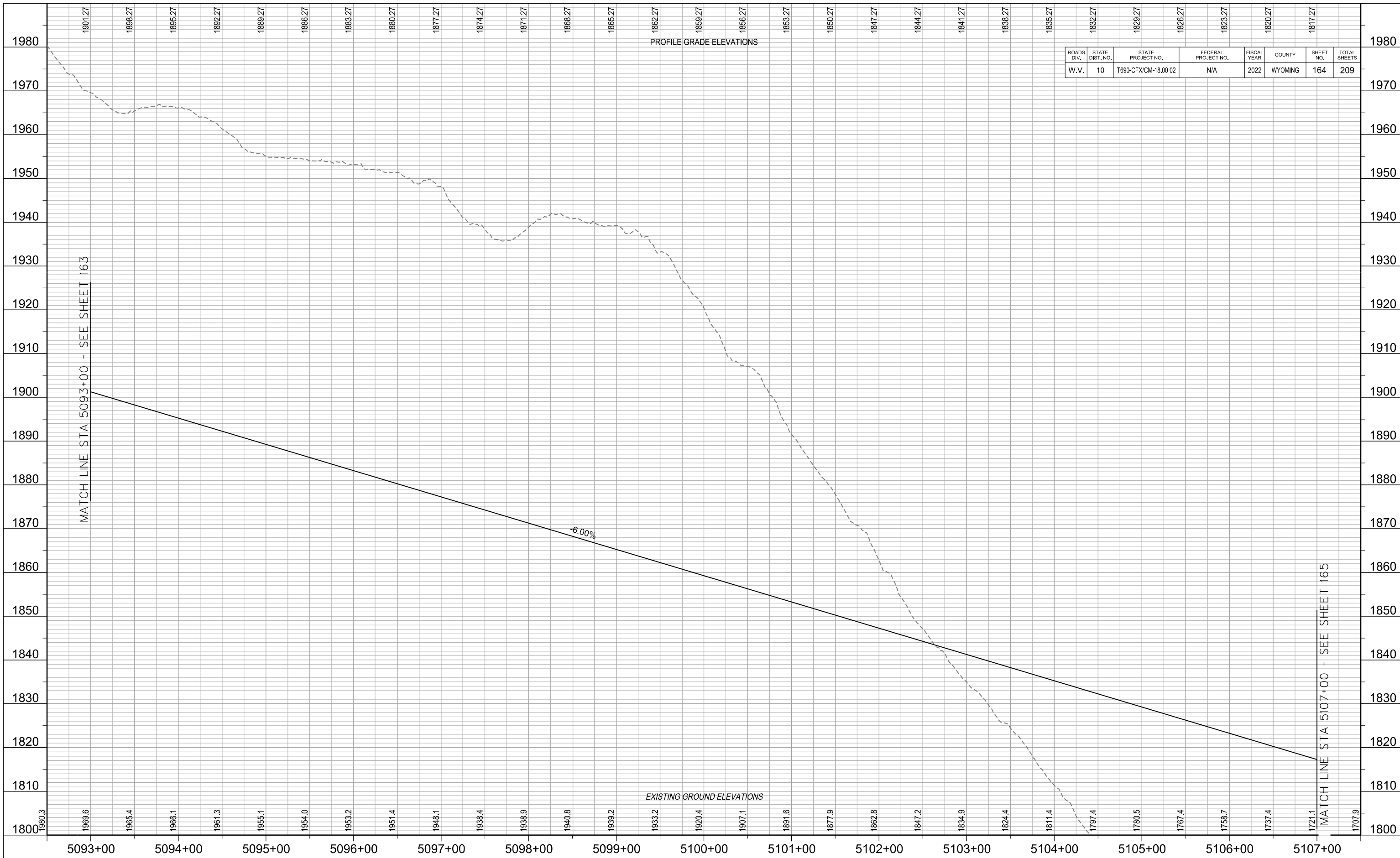


REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROFILE SHEET
MAINLINE ~ STA. 5080+00 - 5093+00

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R/W-3 02/28/22



REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

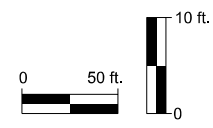
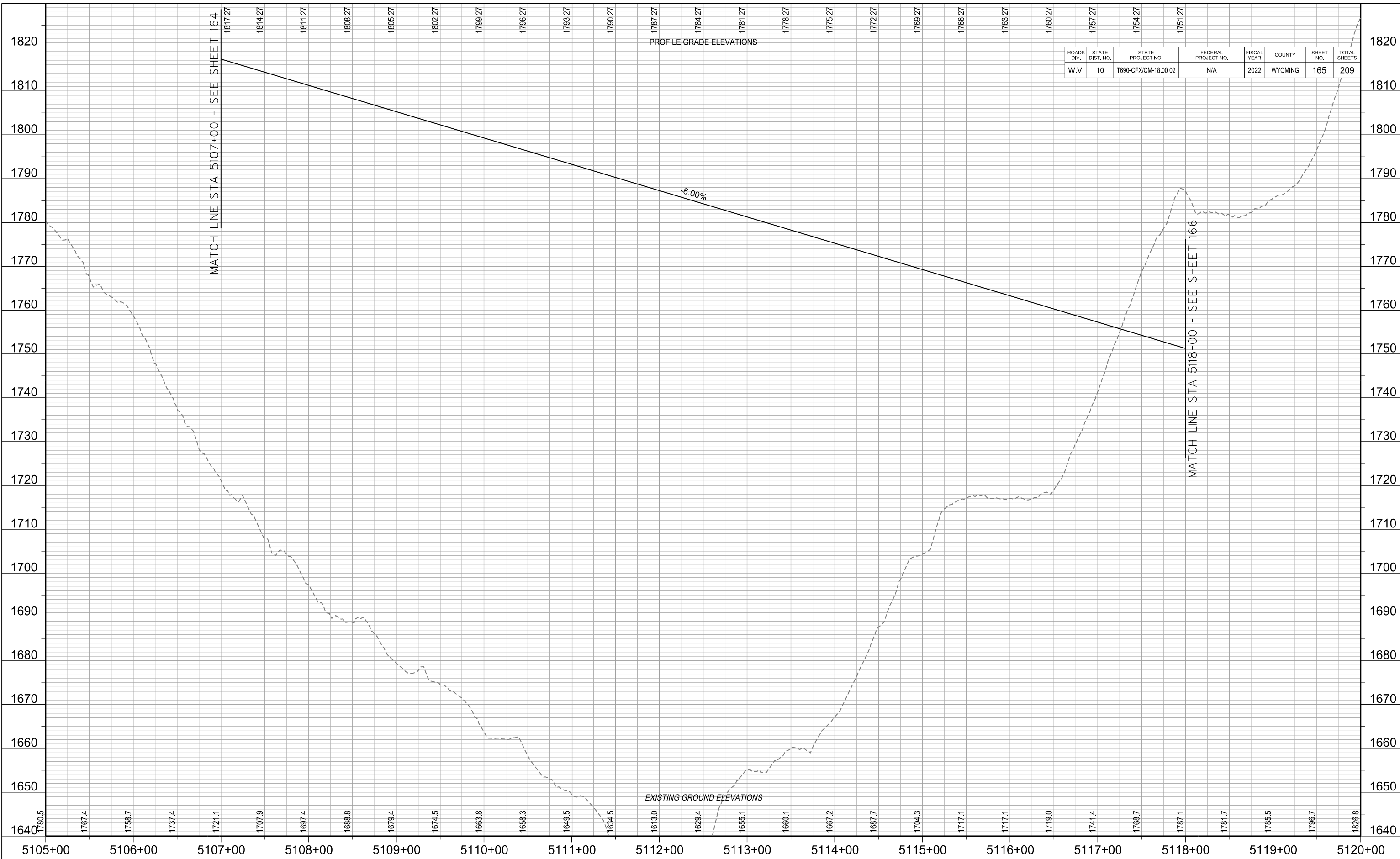
THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROFILE SHEET

MAINLINE ~ STA. 5093+00 - 5107+00

28-MAR-2022 8:19 pm://trc-pa-bentley.com/trc-pa/0/Document/5 - Projects/First Vppho Division of Highway/34335 - Conflicts PE Study/4 - CAD_Dwg/RA/Profile/Sheets/ra_no_cfx_Sheet 24.dgn

R/W-3 02/28/22



REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

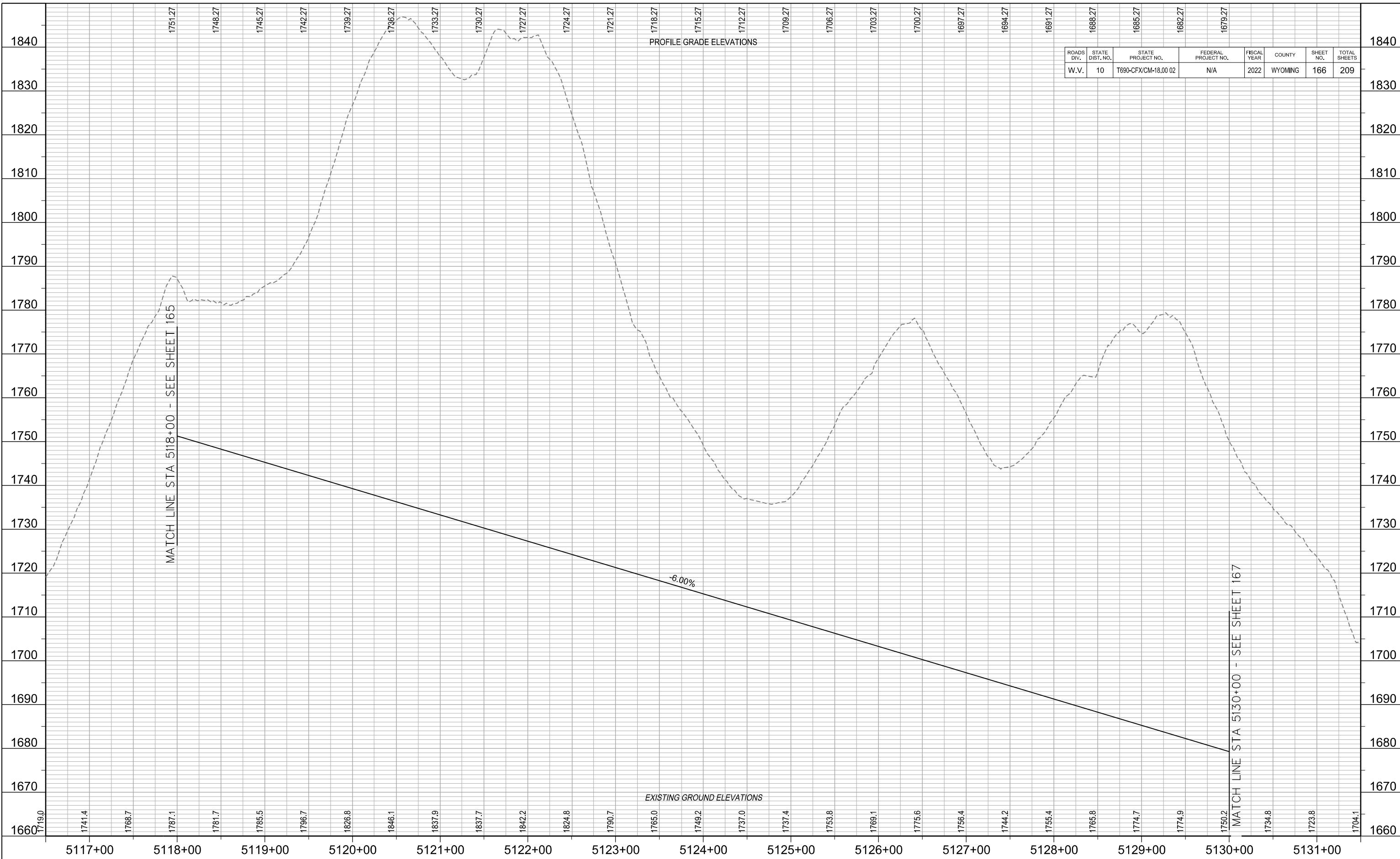
THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROFILE SHEET

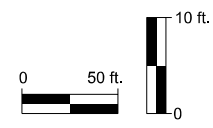
MAINLINE ~ STA. 5107+00 - 5118+00

28-MAR-2022 8:19 pm://trc-pa-bentley.com/trc-pa-01/Documents/5 - Projects/Rest/Virgpo/Division of Highway/34335 - Conflicts PE Study/4 - CAD/Design/RA/Sheet/row_no_CFX_Sheet 25.dgn

R/W-3 02/28/22



ROADS DIV.	STATE DIST. NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
W.V.	10	T690-CFX/CM-18.00 02	N/A	2022	WYOMING	166	209



REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

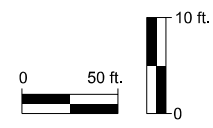
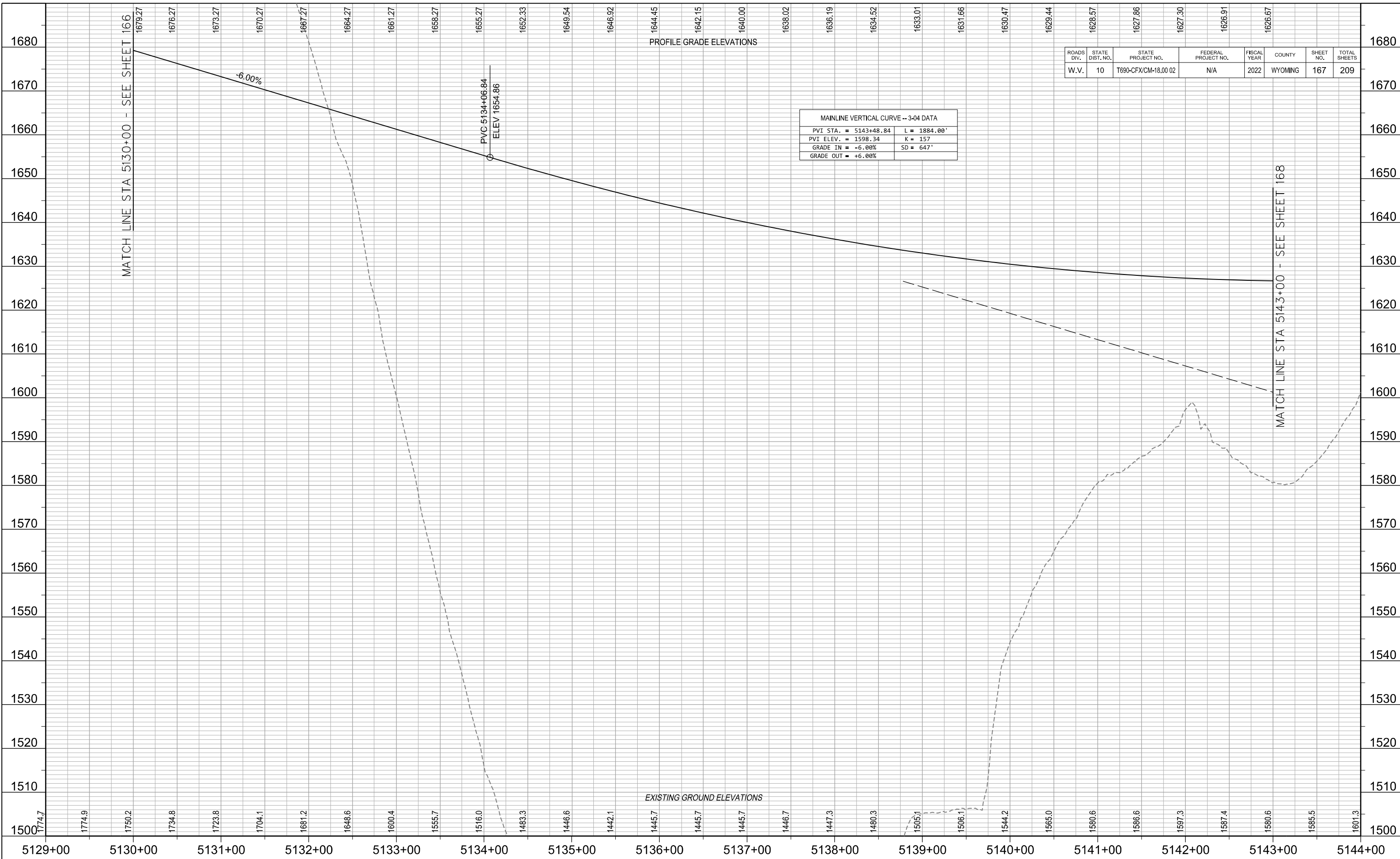
THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROFILE SHEET

MAINLINE ~ STA. 5118+00 - 5130+00

28-MAR-2022 8:19 pm://trc-pa-bentley.com/trc-pa-01/Documents/5 - Projects/Rest/Virgpo/Division of Highway/34335 - Confined PE Study/4 - CAD/Design/RA/Sheet/row_no_CFX_Sheet_26.dgn

R/W-3 02/28/22



REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

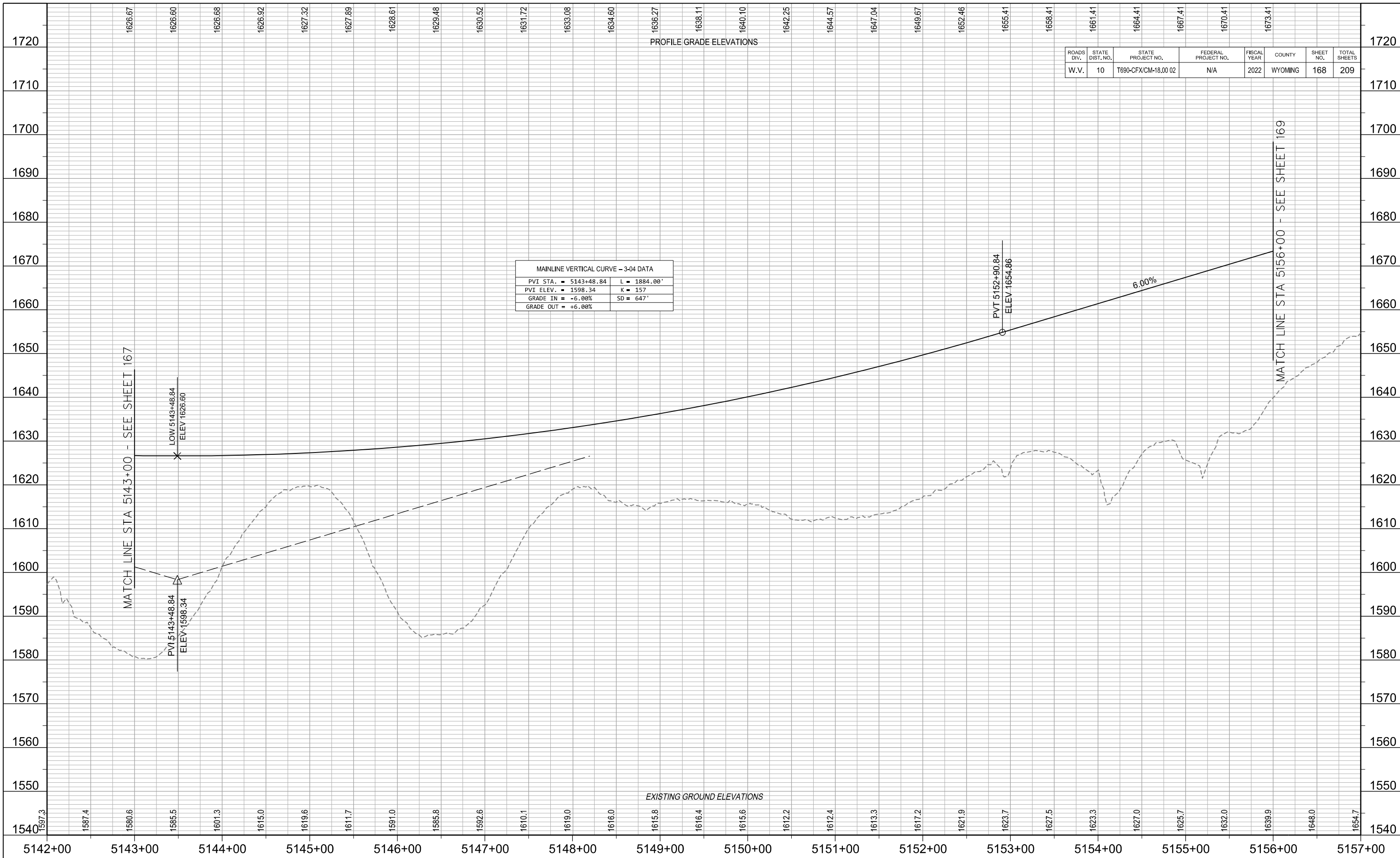
THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROFILE SHEET

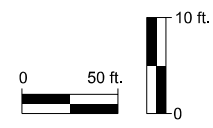
MAINLINE ~ STA. 5130+00 - 5143+00

28-MAR-2022 8:19 pm://trc-pa-bentley.com/trc-pa-01/Documents/5 - Projects/1617 - Virginia Division of Highway/34335 - Conflicts PE Study/4 - CAD_Design/1617/Sheets/row_no_CFX_Sheet_27.dgn

R/W-3 02/28/22



ROADS DIV.	STATE DIST. NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
W.V.	10	T690-CFX/CM-18.00 02	N/A	2022	WYOMING	168	209



REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

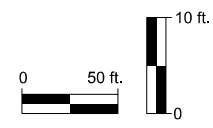
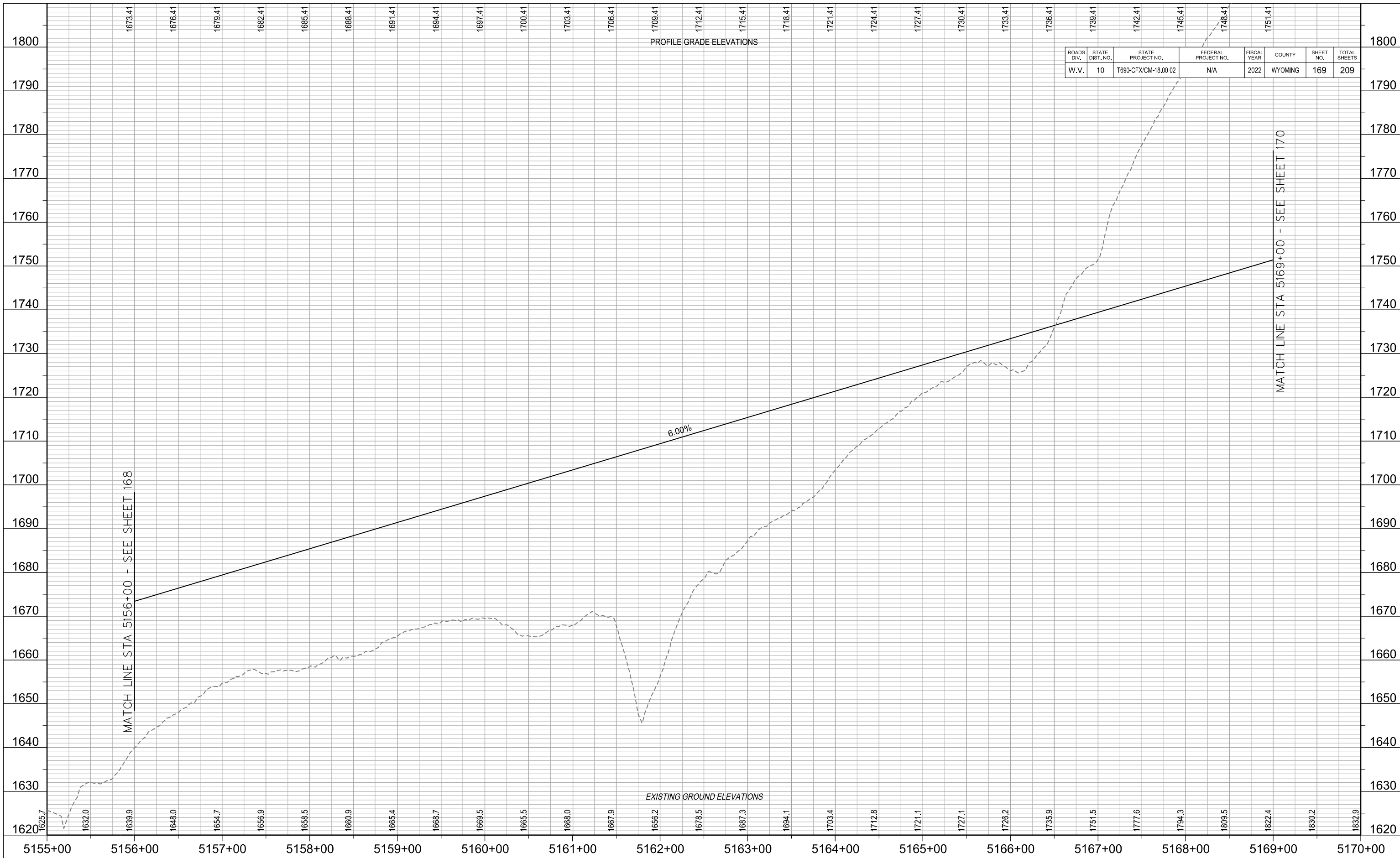
THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROFILE SHEET

MAINLINE ~ STA. 5143+00 - 5156+00

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R/W-3 02/28/22



REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

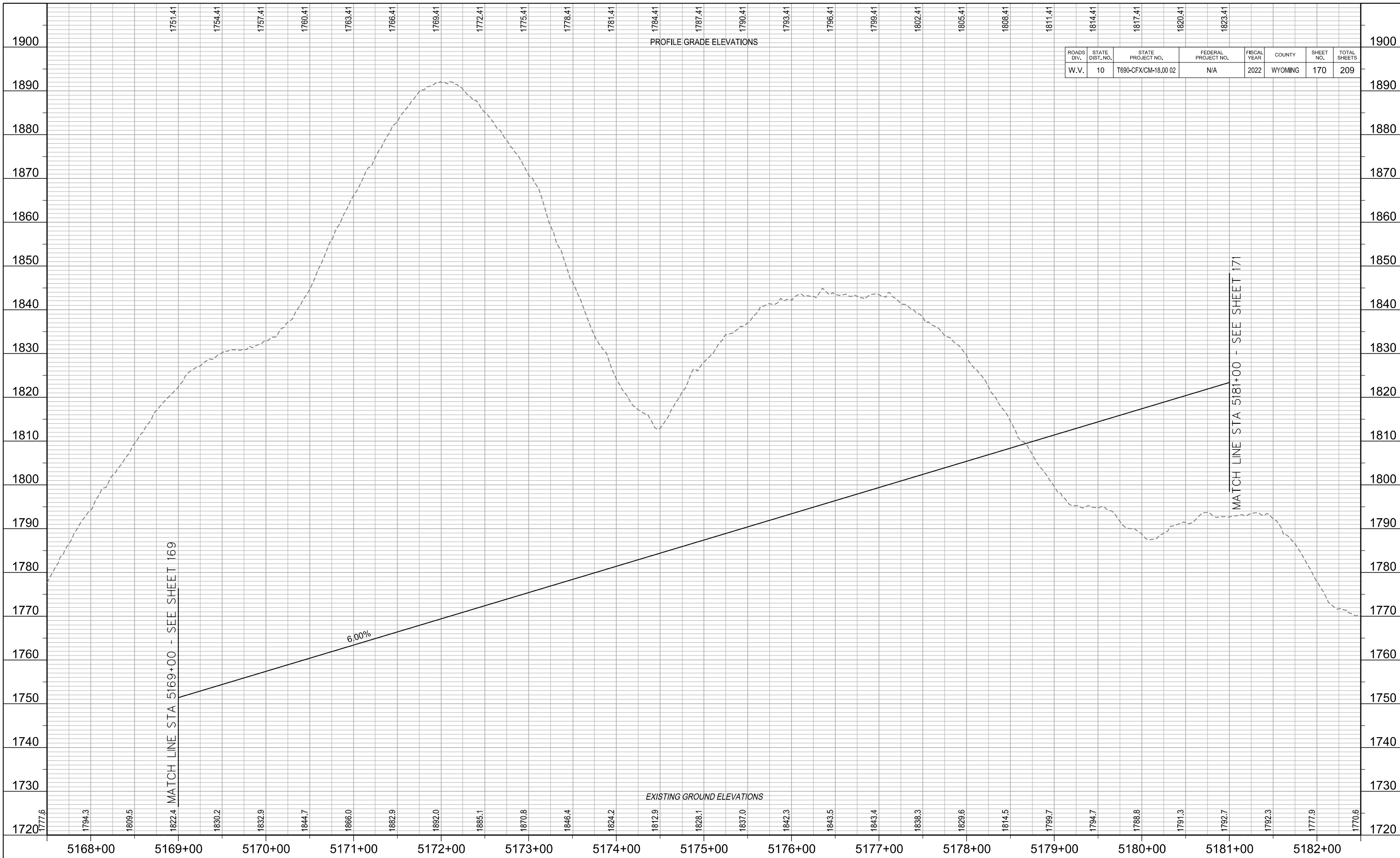
PROFILE SHEET

MAINLINE ~ STA. 5156+00 - 5169+00

28-MAR-2022 8:19 pm://trc-pub\hwy.com\trc-pa-01\Documents\5 - Projects\West Virginia Division of Highway\34335 - Conflicts PE Study\4 - CAD_Design\BIA\RW/Sheets\row_no_CFX_Sheet_29.dgn

R/W-3

02/28/22

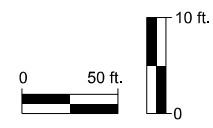


ROADS DIV.	STATE DIST. NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
W.V.	10	T690-CFX/CM-18.00 02	N/A	2022	WYOMING	170	209

MATCH LINE STA 5169+00 - SEE SHEET 169

MATCH LINE STA 5181+00 - SEE SHEET 171

6.00%



REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

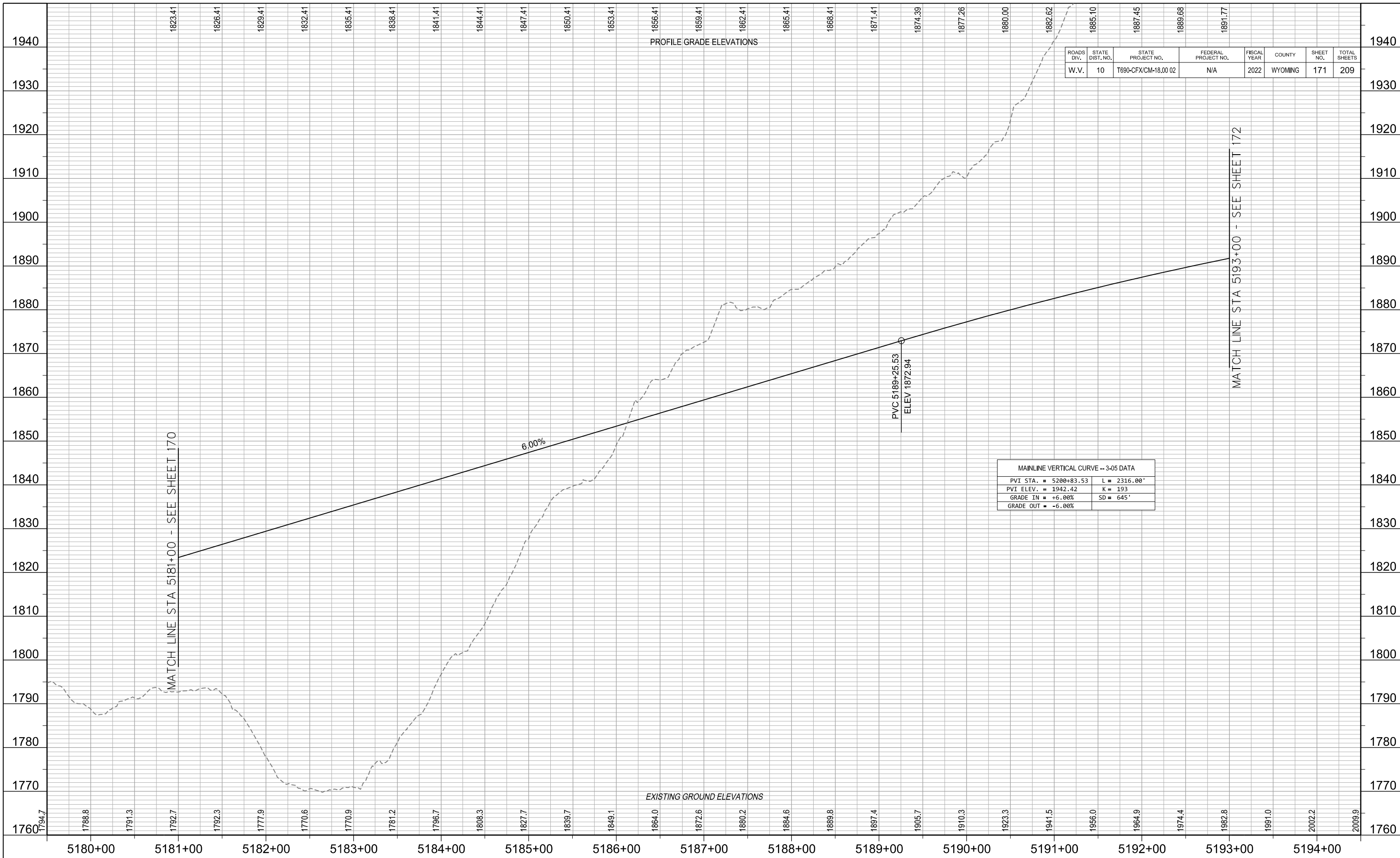
THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROFILE SHEET

MAINLINE ~ STA. 5169+00 - 5181+00

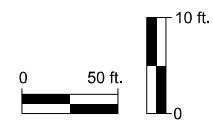
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R/W-3 02/28/22



ROADS DIV.	STATE DIST. NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
W.V.	10	T690-CFX/CM-18.00 02	N/A	2022	WYOMING	171	209

MAINLINE VERTICAL CURVE -- 3-05 DATA	
PVI STA. = 5200+83.53	L = 2316.00'
PVI ELEV. = 1942.42	K = 193
GRADE IN = +6.00%	SD = 645'
GRADE OUT = -6.00%	

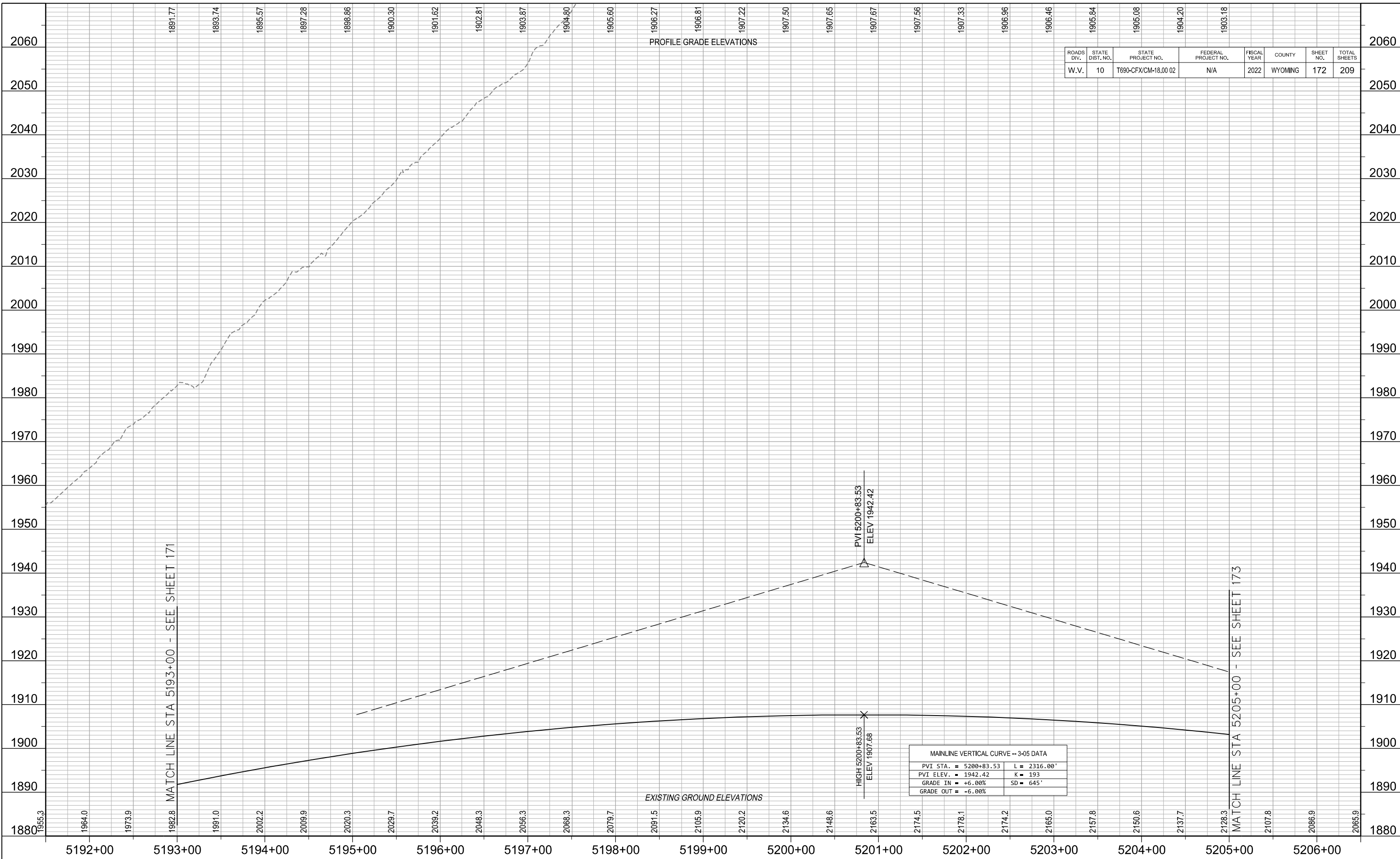


REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROFILE SHEET
MAINLINE ~ STA. 5181+00 - 5193+00

28-MAR-2022 8:19 pm://trc-pa-bentley.com/trc-pa/0/Document/5 - Projects/Rest/Virgpa/Division of Highway/34335 - Conflicts RE Study/4 - CAD_Design/RAW/Sheets/row_no_CFX_Sheet_31.dgn

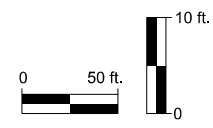
R/W-3
02/28/22



PROFILE GRADE ELEVATIONS

EXISTING GROUND ELEVATIONS

ROADS DIV.	STATE DIST. NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
W.V.	10	T690-CFX/CM-18.00 02	N/A	2022	WYOMING	172	209

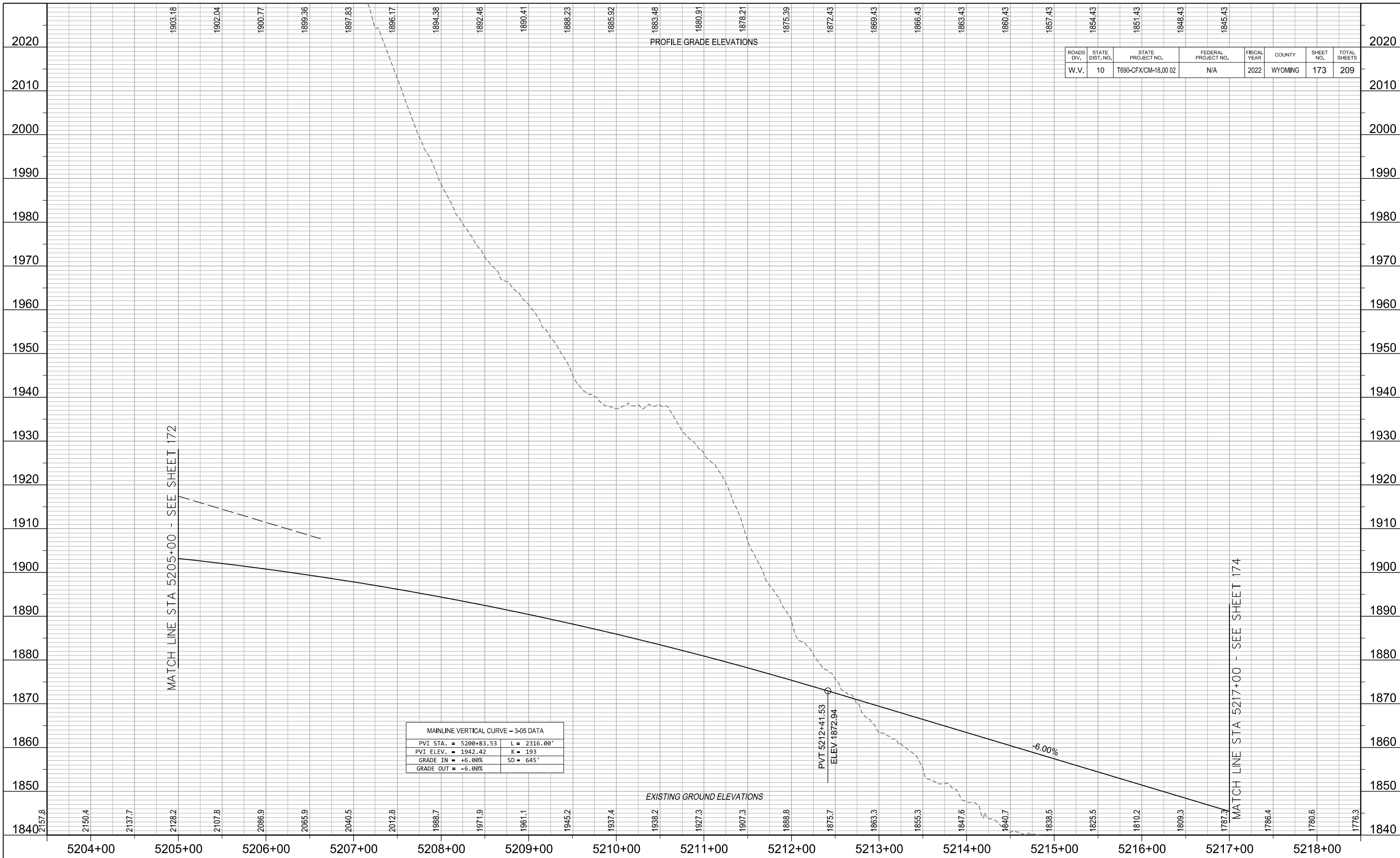


REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROFILE SHEET
MAINLINE ~ STA. 5193+00 - 5205+00

per://trc-pa-bentley.com/trc-pa-01/Documents/5 - Projects/181/Projects/181/Profile Division of Highway/341315 - Conflicts PE Study/4 - CAD_Design/181/Profile/Sheet/row_no_CFX_Sheet_172.dwg 28-MAR-2022 8:19

R/W-3 02/28/22



PROFILE GRADE ELEVATIONS

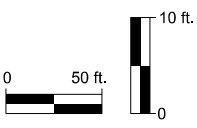
EXISTING GROUND ELEVATIONS

MAINLINE VERTICAL CURVE - 3-05 DATA			
PVI STA. =	5200+83.53	L =	2316.00'
PVI ELEV. =	1942.42	K =	193
GRADE IN =	+6.00%	SD =	645'
GRADE OUT =	-6.00%		

PVT 5212+41.53
ELEV 1872.94

-6.00%

ROADS DIV.	STATE DIST. NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
W.V.	10	T690-CFX/CM-18.00 02	N/A	2022	WYOMING	173	209

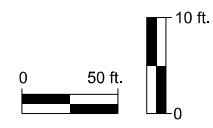
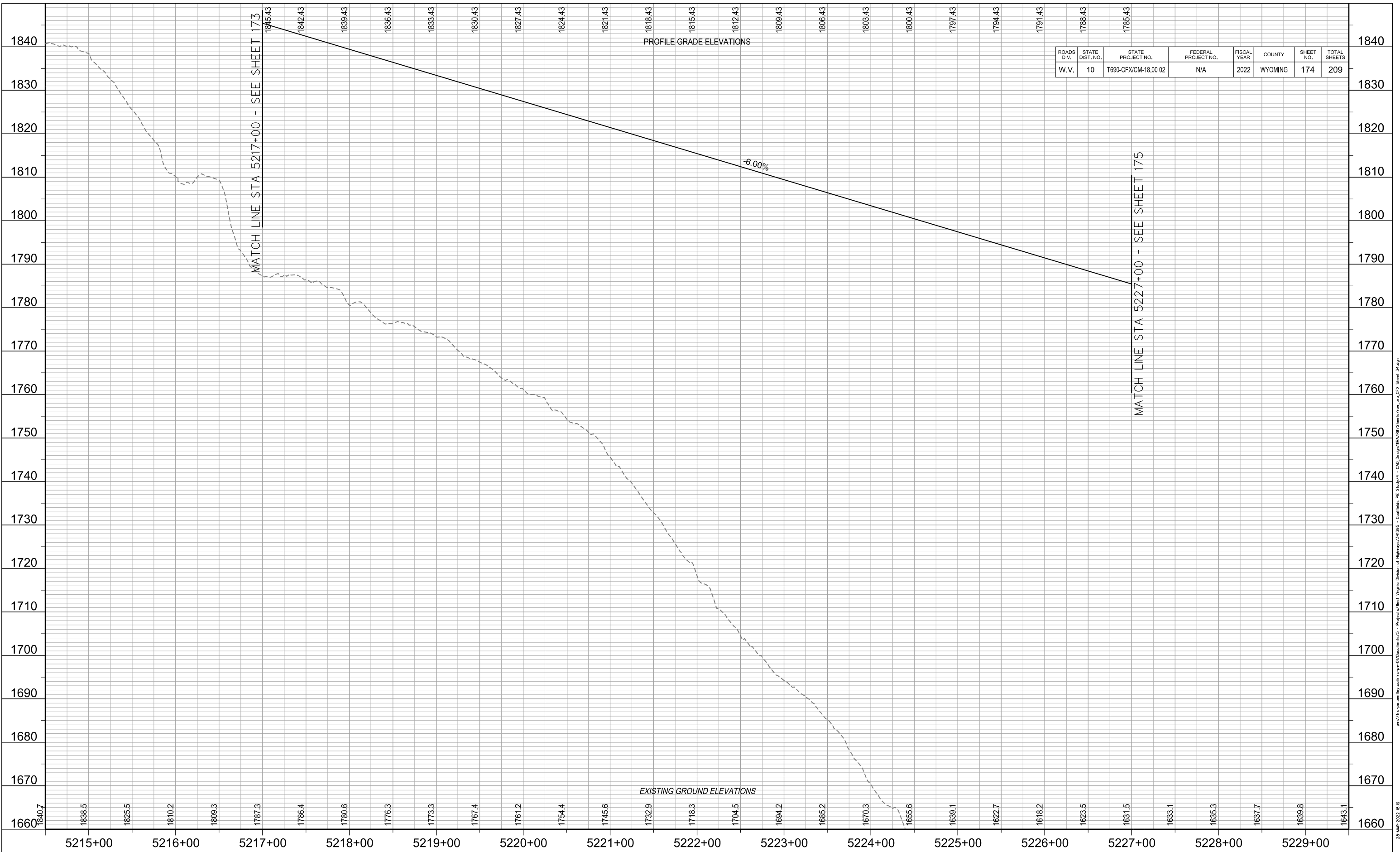


REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROFILE SHEET
MAINLINE ~ STA. 5205+00 - 5217+00

28-MAR-2022 8:19 pm:///c:/p/bentley.com/arc/pa/0/Documents/5 - Projects/Fest/Profile Division of Highway/34335 - Conflicts PE Study/4 - CAD_Design/RAW/Sheets/row_no_CFX_Sheet_33.dgn

R/W-3 02/28/22



REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

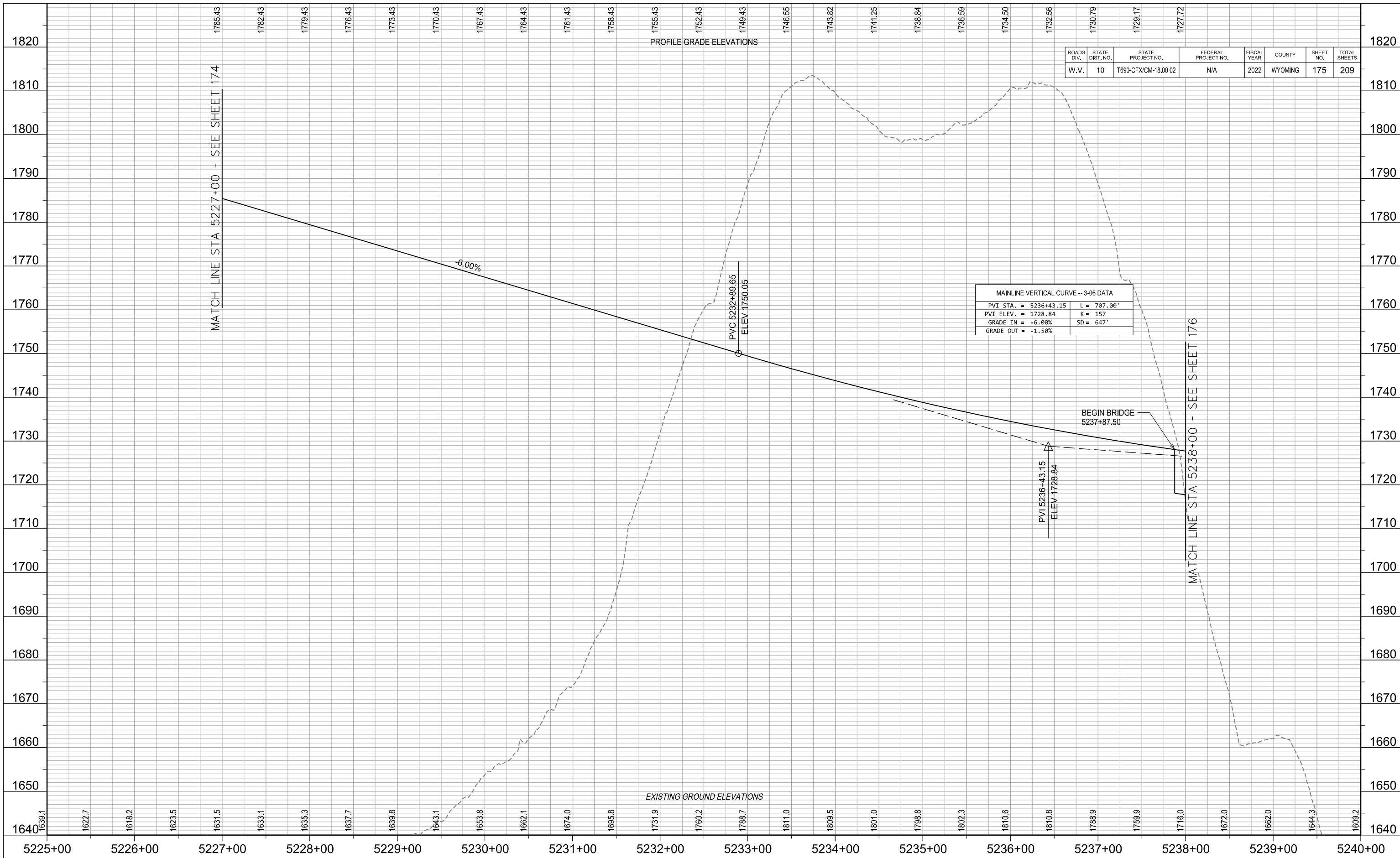
THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROFILE SHEET

MAINLINE ~ STA. 5217+00 - 5227+00

28-MAR-2022 8:19 pm://trc-pa-bentley.com/trc-pa-01/Documents/5 - Projects/Rest/Virgpo/Division of Highway/34335 - Confined PE Study/4 - CAD_Design/RA/Profile/Sheets/row_cfx_Sheet_174.dgn

R/W-3 02/28/22



ROADS DIV.	STATE DIST. NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
W.V.	10	T690-CFX/CM-18.00 02	N/A	2022	WYOMING	175	209

MAINLINE VERTICAL CURVE -- 3-06 DATA			
PVI STA. =	5236+43.15	L =	707.00'
PVI ELEV. =	1728.84	K =	157
GRADE IN =	-6.00%	SD =	647'
GRADE OUT =	-1.50%		

0 50 ft 100 ft

Whitman, Requardt & Associates, LLP
300 Summers Street, Suite 810, Charleston, WV 25301

CHARLESTON, WEST VIRGINIA

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

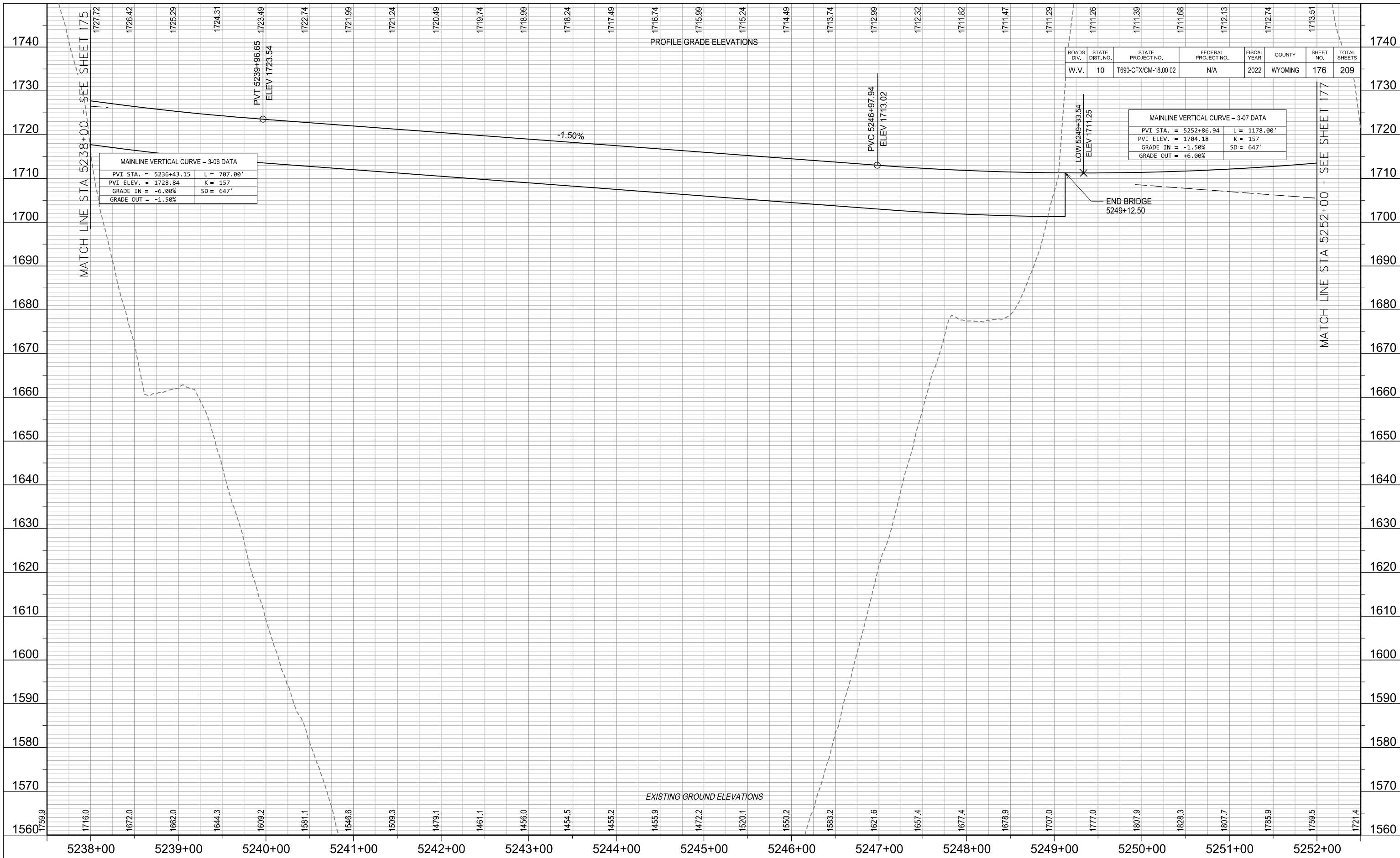
THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROFILE SHEET

MAINLINE ~ STA. 5227+00 - 5238+00

per://trc-pub\benley.com\trc-pa-01\Documents\5 - Projects\West Virginia Division of Highway\34335 - Confined PE Study\4 - CAD_Design\BIM\Sheet\row_no_cfx_Sheet_35.dgn
 28-MAR-2022 8:19
 dmlson

R/W-3 02/28/22



PROFILE GRADE ELEVATIONS

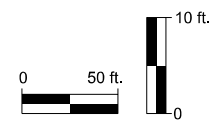
EXISTING GROUND ELEVATIONS

MAINLINE VERTICAL CURVE - 3-06 DATA			
PVI STA. = 5236+43.15	L = 787.00'		
PVI ELEV. = 1728.84	K = 157		
GRADE IN = -6.00%	SD = 647'		
GRADE OUT = -1.50%			

MAINLINE VERTICAL CURVE - 3-07 DATA			
PVI STA. = 5252+86.94	L = 1178.00'		
PVI ELEV. = 1704.18	K = 157		
GRADE IN = -1.50%	SD = 647'		
GRADE OUT = +6.00%			

ROADS DIV.	STATE DIST. NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
W.V.	10	T690-CFX/CM-18.00 02	N/A	2022	WYOMING	176	209

END BRIDGE
5249+12.50

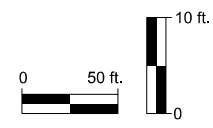
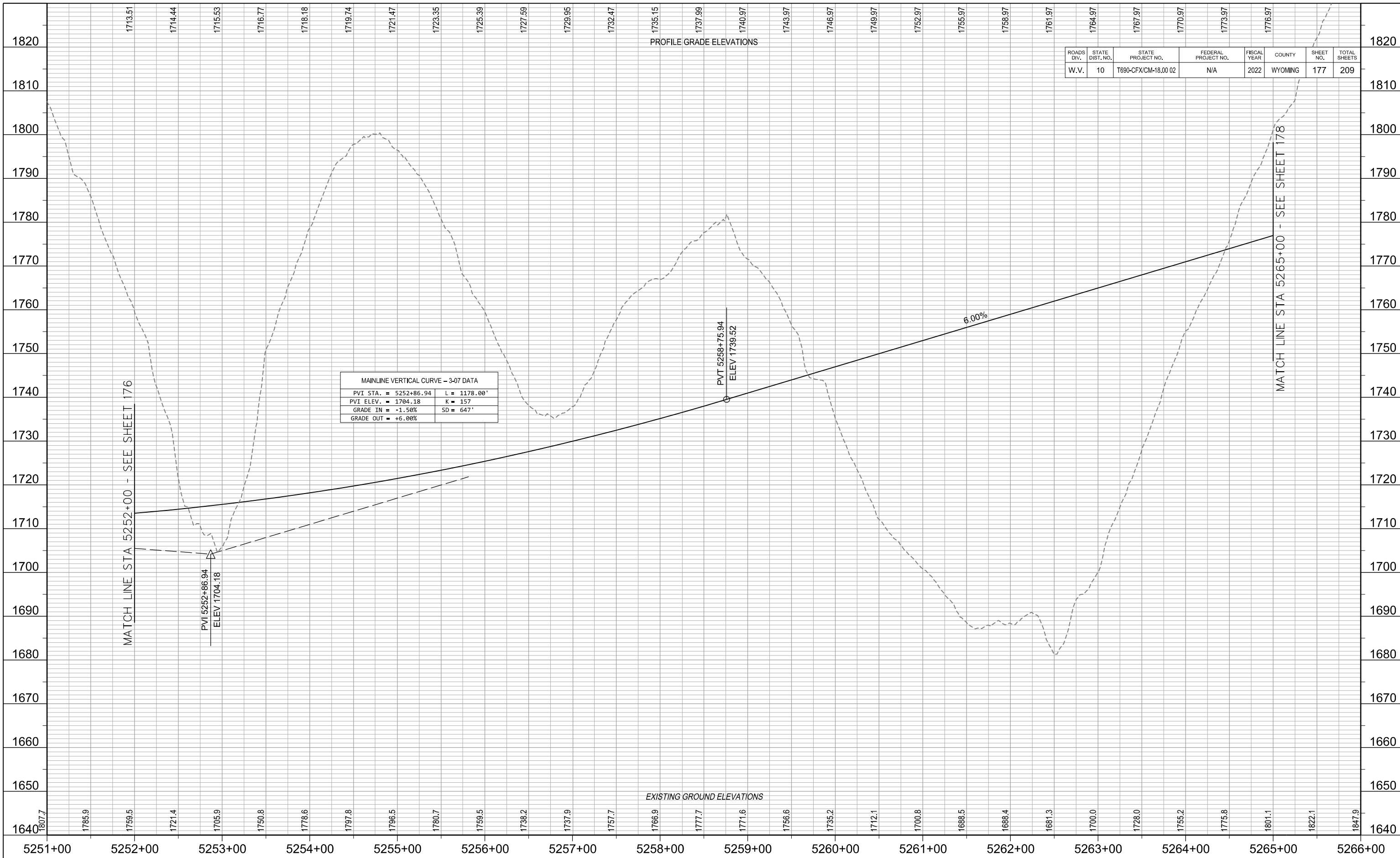


REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROFILE SHEET
MAINLINE ~ STA. 5238+00 - 5252+00

per://trc-pa-bentley.com/trc-pa-01/Documents/5 - Projects/Rest/Virgpa/Division of Highway/34135 - Conflicts PE Study/4 - CAD/Design/RA/Sheet/ra_sta_02_Sheet_36.dgn 28-MAR-2022 8:19

R/W-3 02/28/22

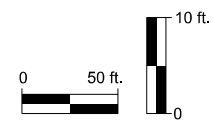
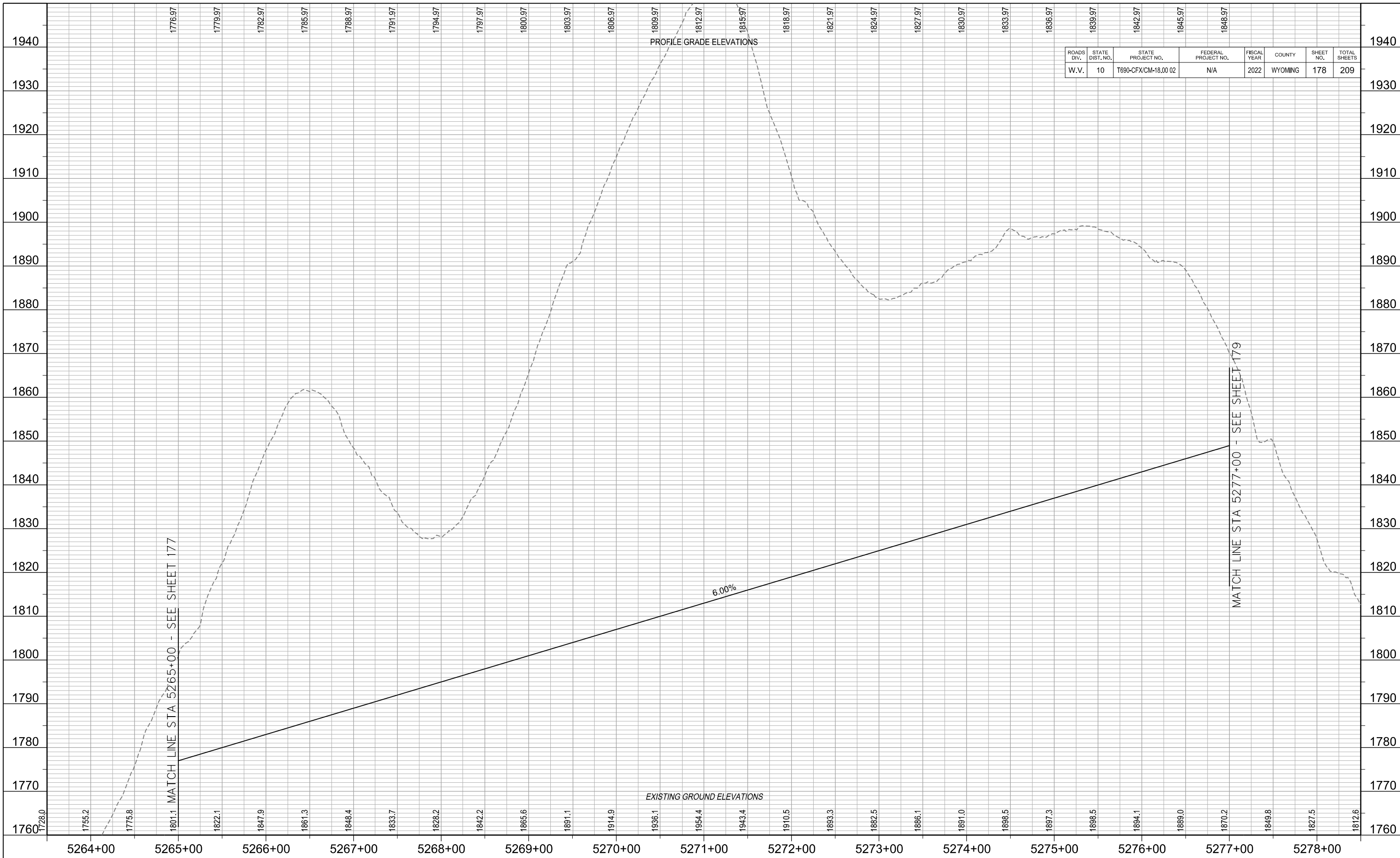


REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROFILE SHEET
MAINLINE ~ STA. 5252+00 - 5265+00

28-MAR-2022 8:19 pm://trc-pub\hwy\com\trc\p\0\Documents\5 - Projects\West Virginia Division of Highway\34335 - Confined PE Study\4 - CAD_Design\BIM\Sheet\row_no_cfx_Sheet_37.dwg

R/W-3 02/28/22



REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

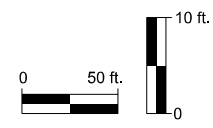
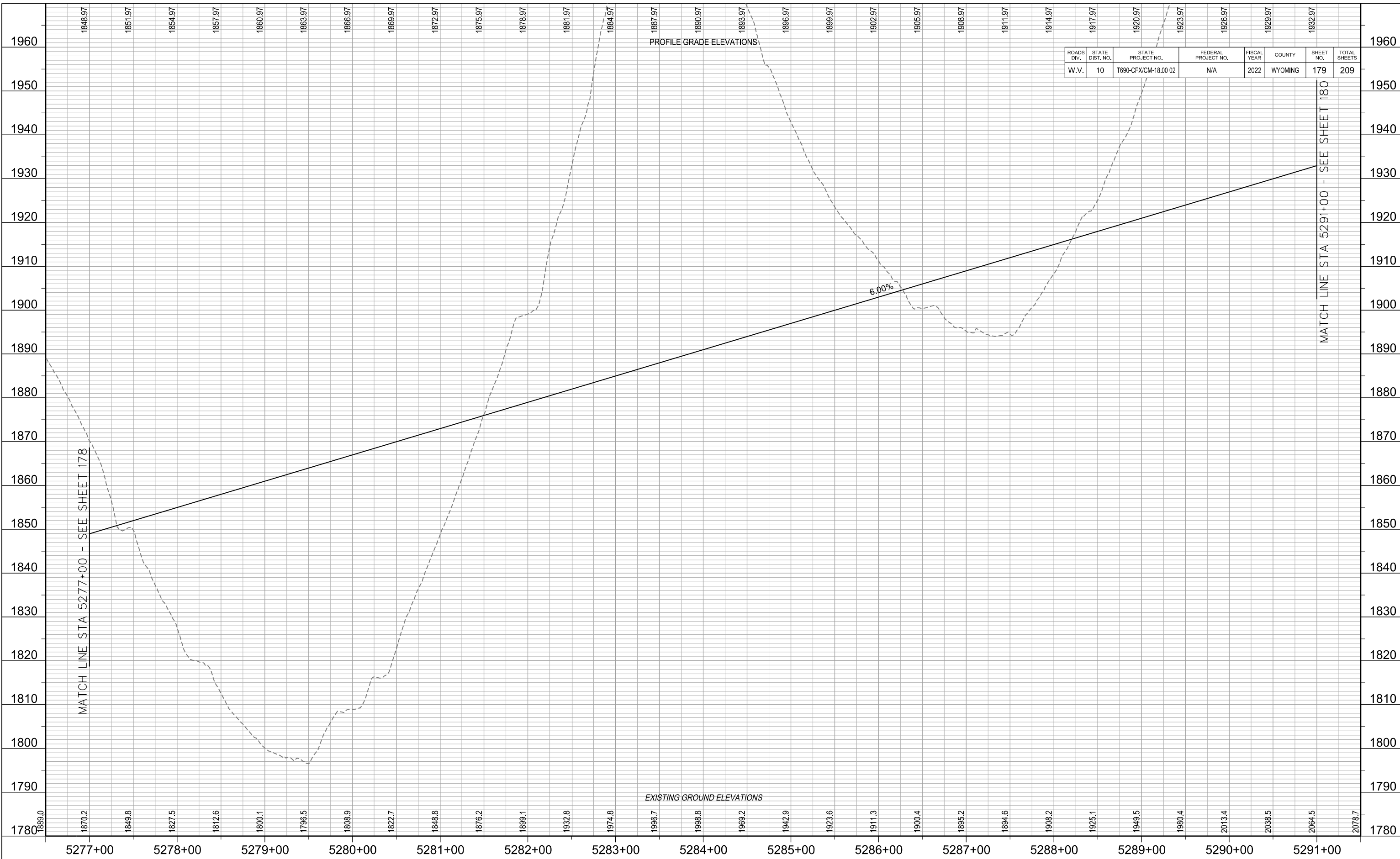
THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROFILE SHEET

MAINLINE ~ STA. 5265+00 - 5277+00

28-MAR-2022 10:19 pm://trc-pub\hwy.com\trc-pa-0\Documents\5 - Projects\West Virginia Division of Highway\34335 - Conflicts PE Study\4 - CAD_Design\RAW\Sheets\raw_no_cfx_Sheet_178.dwg

R/W-3 02/28/22



REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

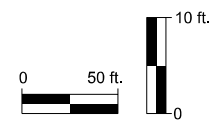
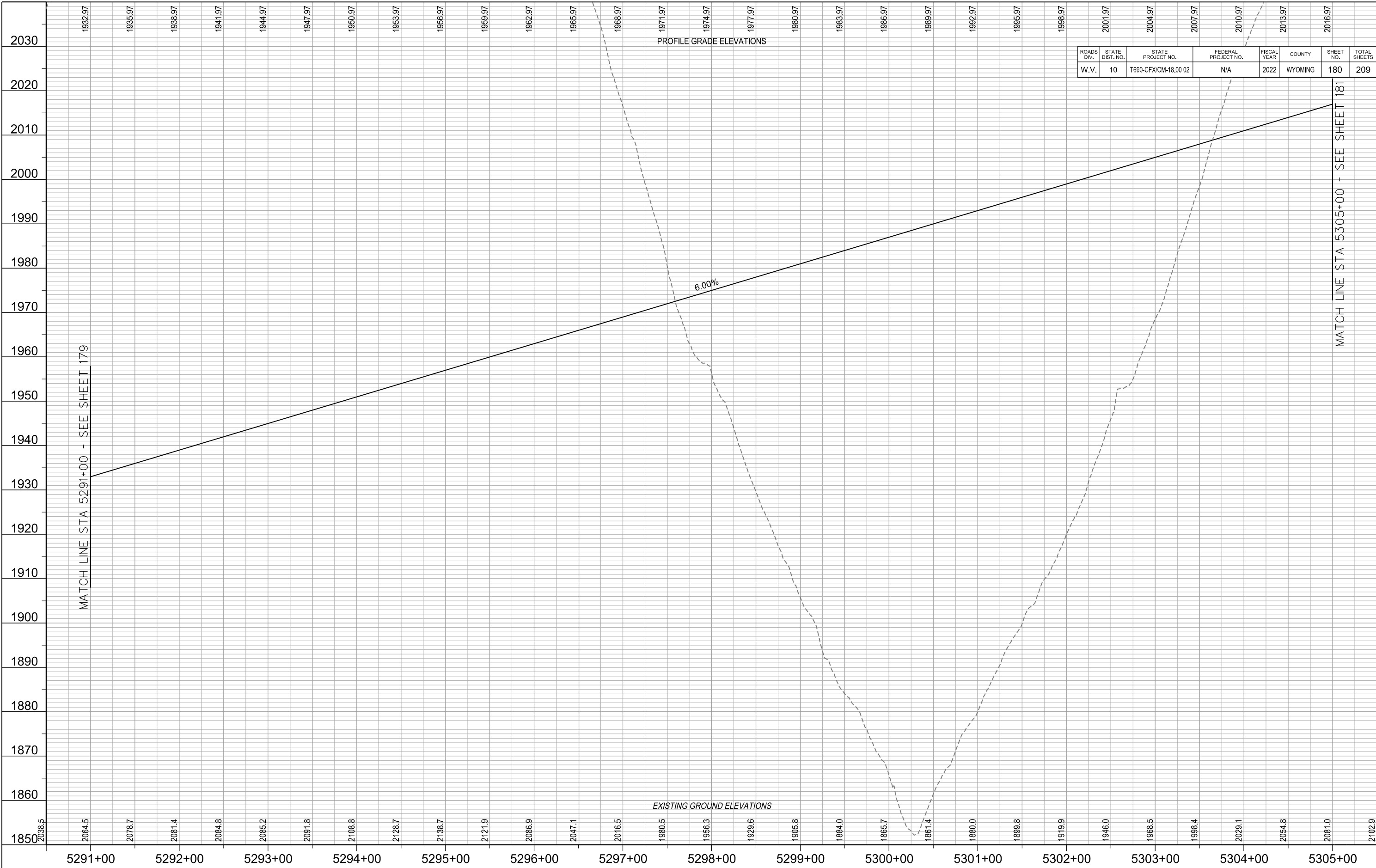
THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROFILE SHEET

MAINLINE ~ STA. 5277+00 - 5291+00

28-MAR-2022 8:19 pm://trc-pub\hwy\com\trc\p\0\Documents\5 - Projects\West Virginia Division of Highway\34335 - Confined PE Study\4 - CAD_Design\BIA\HW\Sheets\row_no_CFX_Sheet_179.dwg

R/W-3 02/28/22



REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

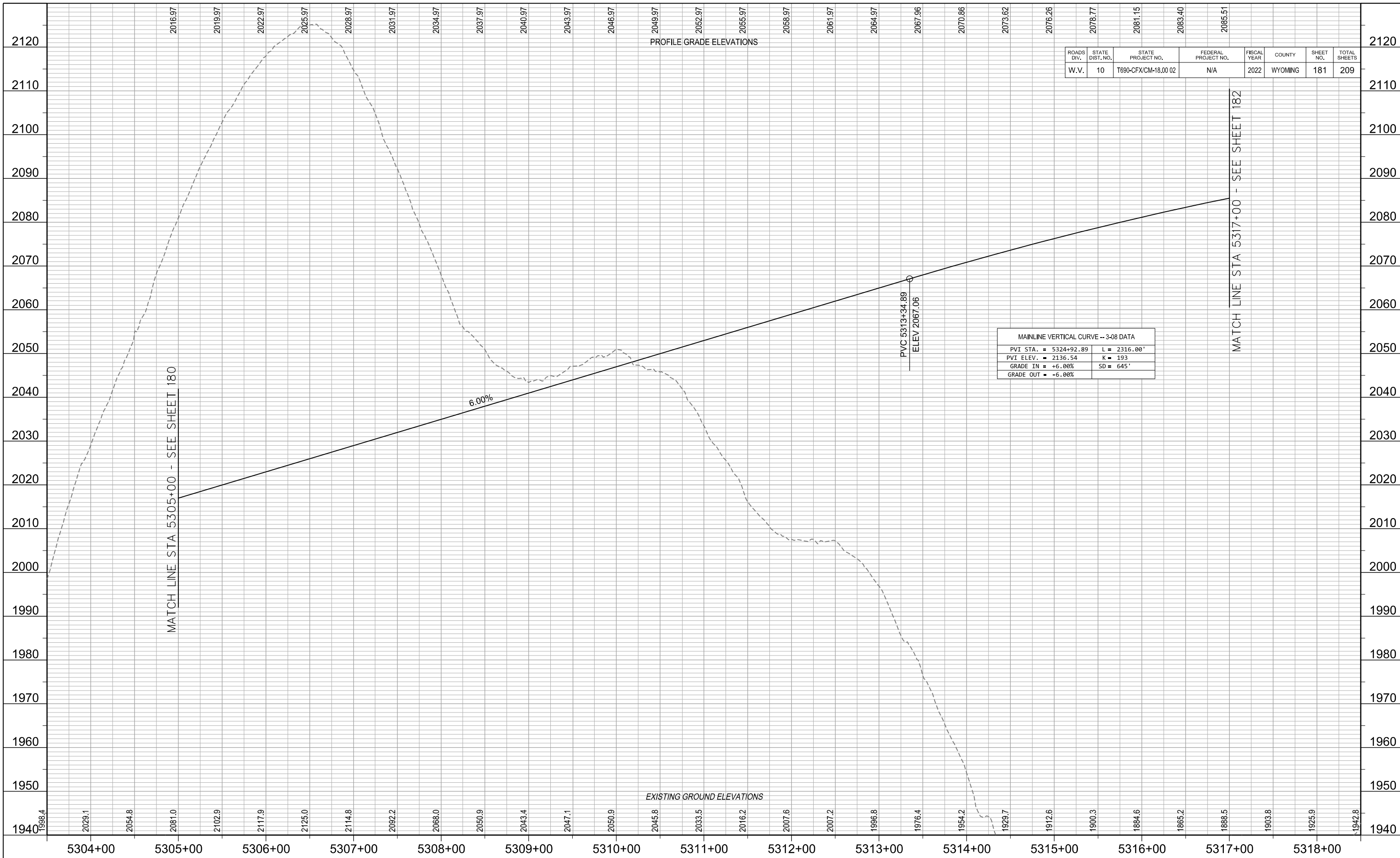
THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROFILE SHEET

MAINLINE ~ STA. 5291+00 - 5305+00

28-MAR-2022 8:20 pm://trc-pa-bentley.com/trc-pa-01/Documents/5 - Projects/Rest/Virgpa/Division of Highway/34335 - Conflicts PE Study/4 - CAD_Design/RAW/Sheets/row_no_CFX_Sheet_40.dgn

R/W-3 02/28/22



PROFILE GRADE ELEVATIONS

EXISTING GROUND ELEVATIONS

6.00%

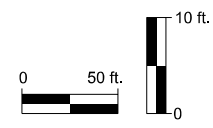
PVC 5313+34.89
ELEV 2067.06

MATCH LINE STA 5317+00 - SEE SHEET 182

MATCH LINE STA 5305+00 - SEE SHEET 180

ROADS DIV.	STATE DIST. NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
W.V.	10	T690-CFX/CM-18.00 02	N/A	2022	WYOMING	181	209

MAINLINE VERTICAL CURVE -- 3-08 DATA			
PVI STA. =	5324+92.89	L =	2316.00'
PVI ELEV. =	2136.54	K =	193
GRADE IN =	+6.00%	SD =	645'
GRADE OUT =	-6.00%		

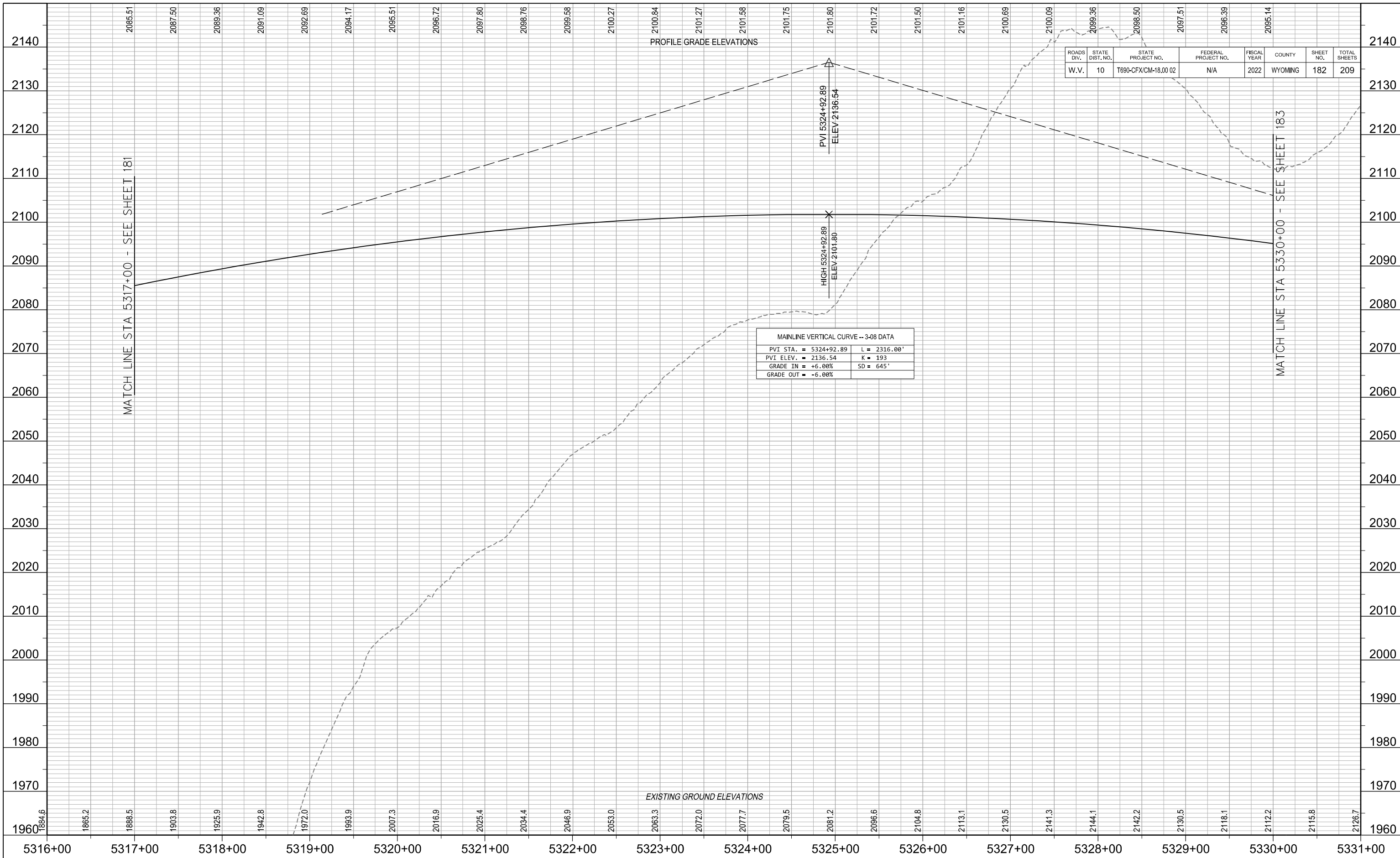


REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROFILE SHEET
MAINLINE ~ STA. 5305+00 - 5317+00

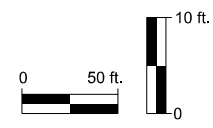
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R/W-3 02/28/22



MATCH LINE STA 5317+00 - SEE SHEET 181

MATCH LINE STA 5330+00 - SEE SHEET 183



REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

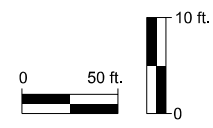
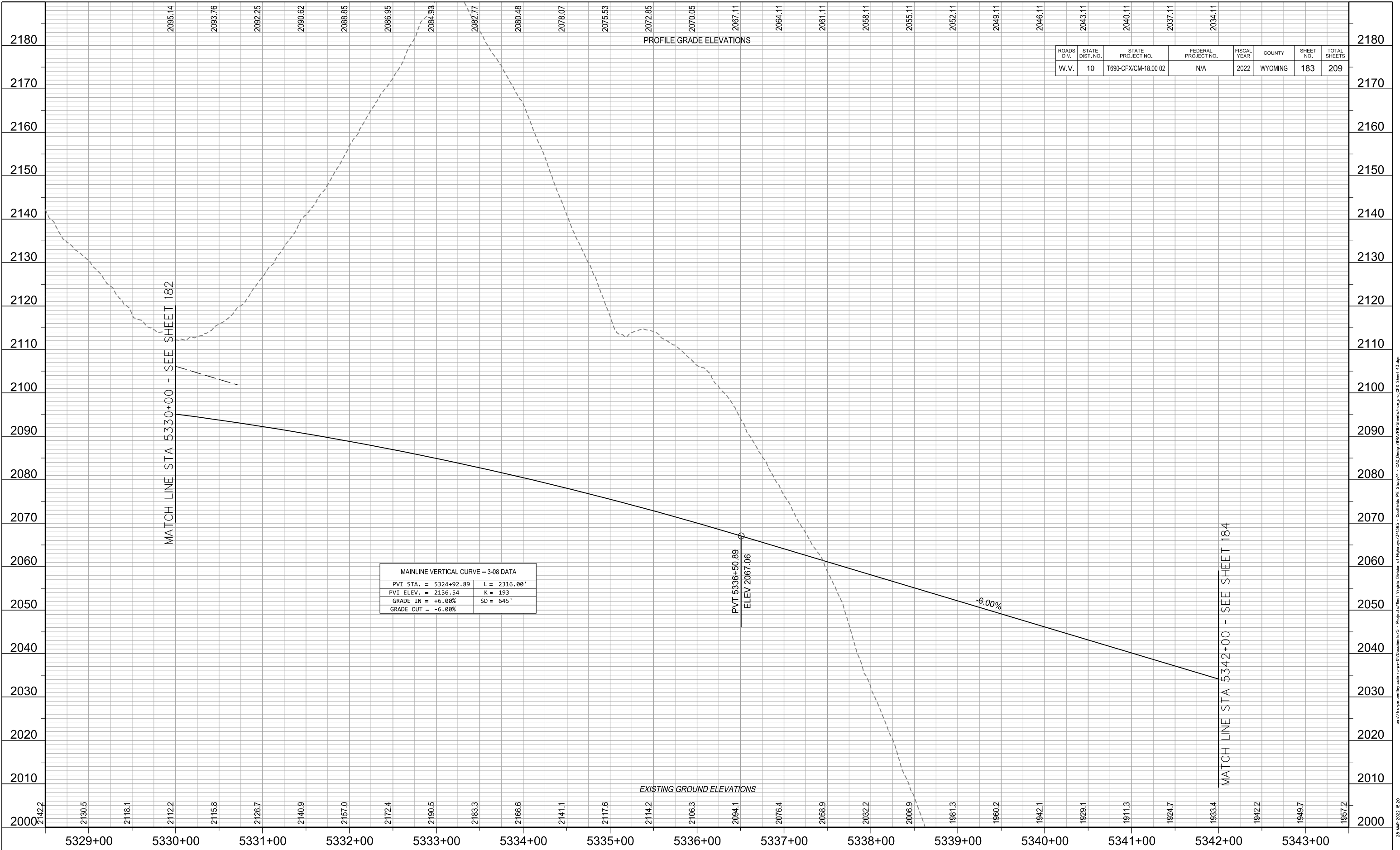
THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROFILE SHEET

MAINLINE ~ STA. 5317+00 - 5330+00

28-MAR-2022 8:20
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R/W-3 02/28/22



REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

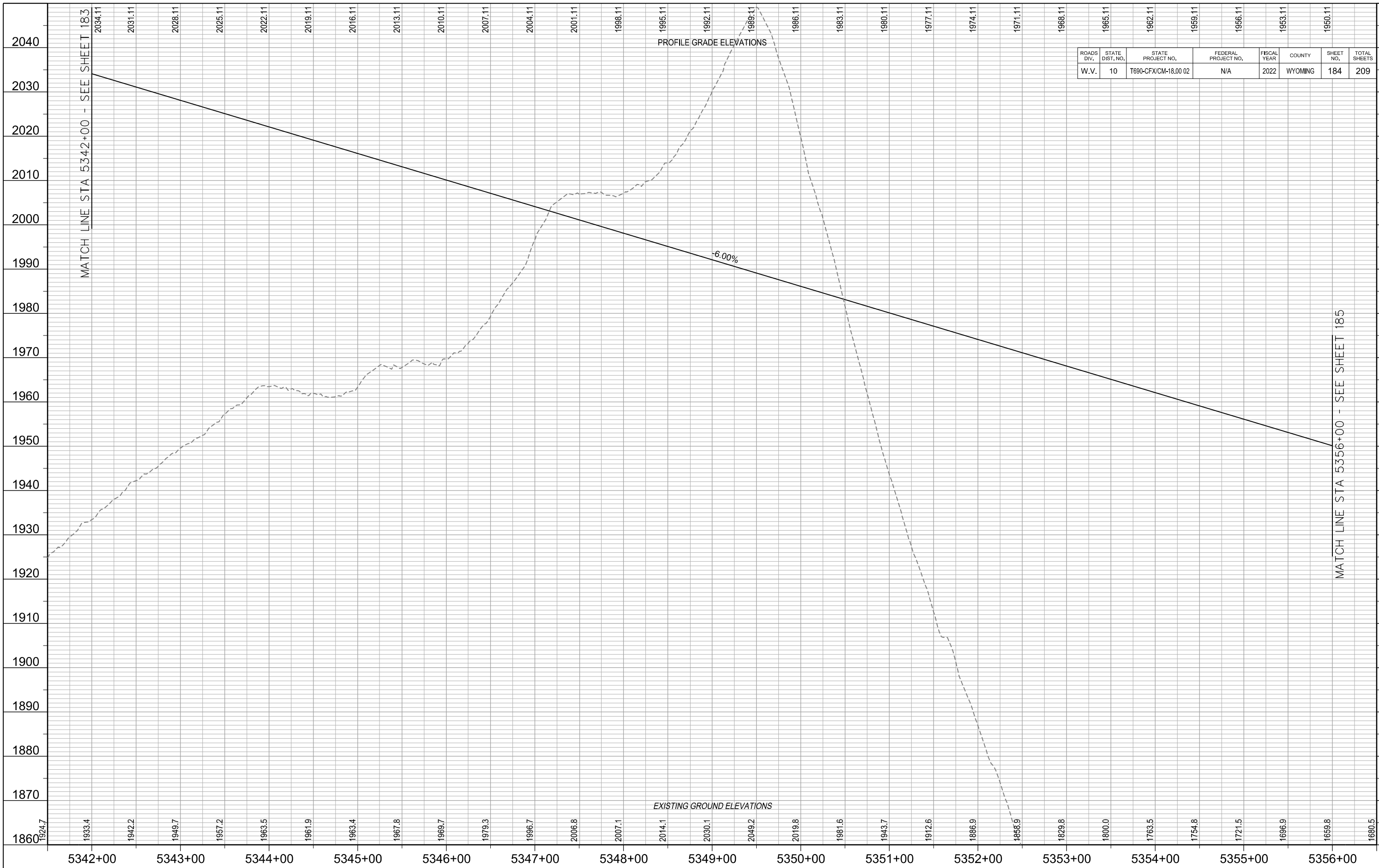
THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROFILE SHEET

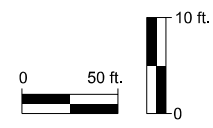
MAINLINE ~ STA. 5330+00 - 5342+00

28-MAR-2022 8:20 pm://trc-pa-bentley.com/trc-pa/0/Document/5 - Projects/First Virginia Division of Highway/34335 - Conflicts PE Study/4 - CAD_Design/RAW/Sheets/row_no_cfx_Sheet_43.dgn

R/W-3 02/28/22



ROADS DIV.	STATE DIST. NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
W.V.	10	T690-CFX/CM-18.00 02	N/A	2022	WYOMING	184	209



WRA
Whitman, Requardt & Associates, LLP
300 Summers Street, Suite 810, Charleston, WV 25301

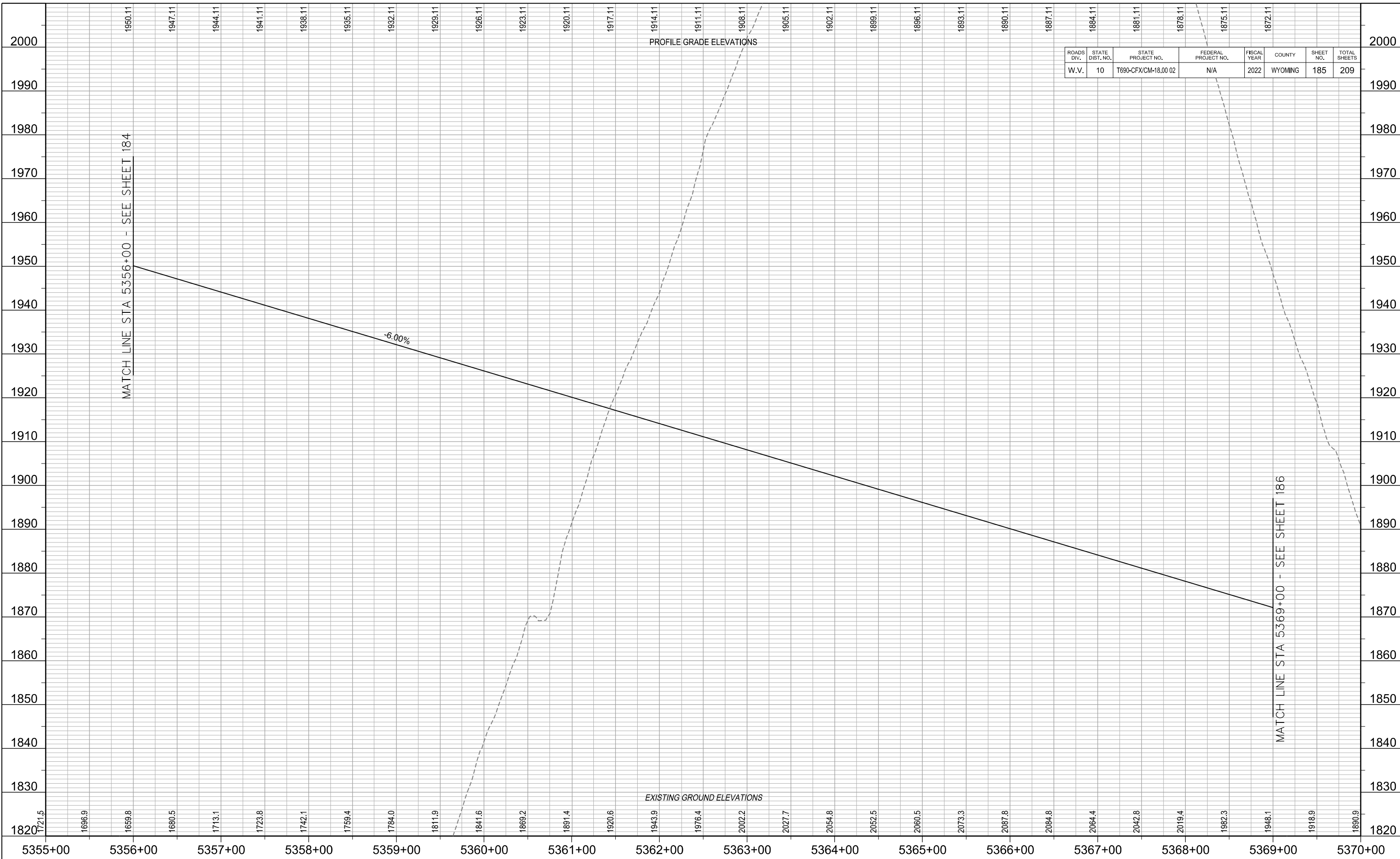
TRC
CHARLESTON, WEST VIRGINIA

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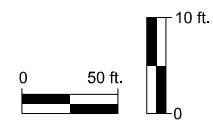
THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROFILE SHEET
MAINLINE ~ STA. 5342+00 - 5356+00

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R/W-3 02/28/22



ROADS DIV.	STATE DIST. NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
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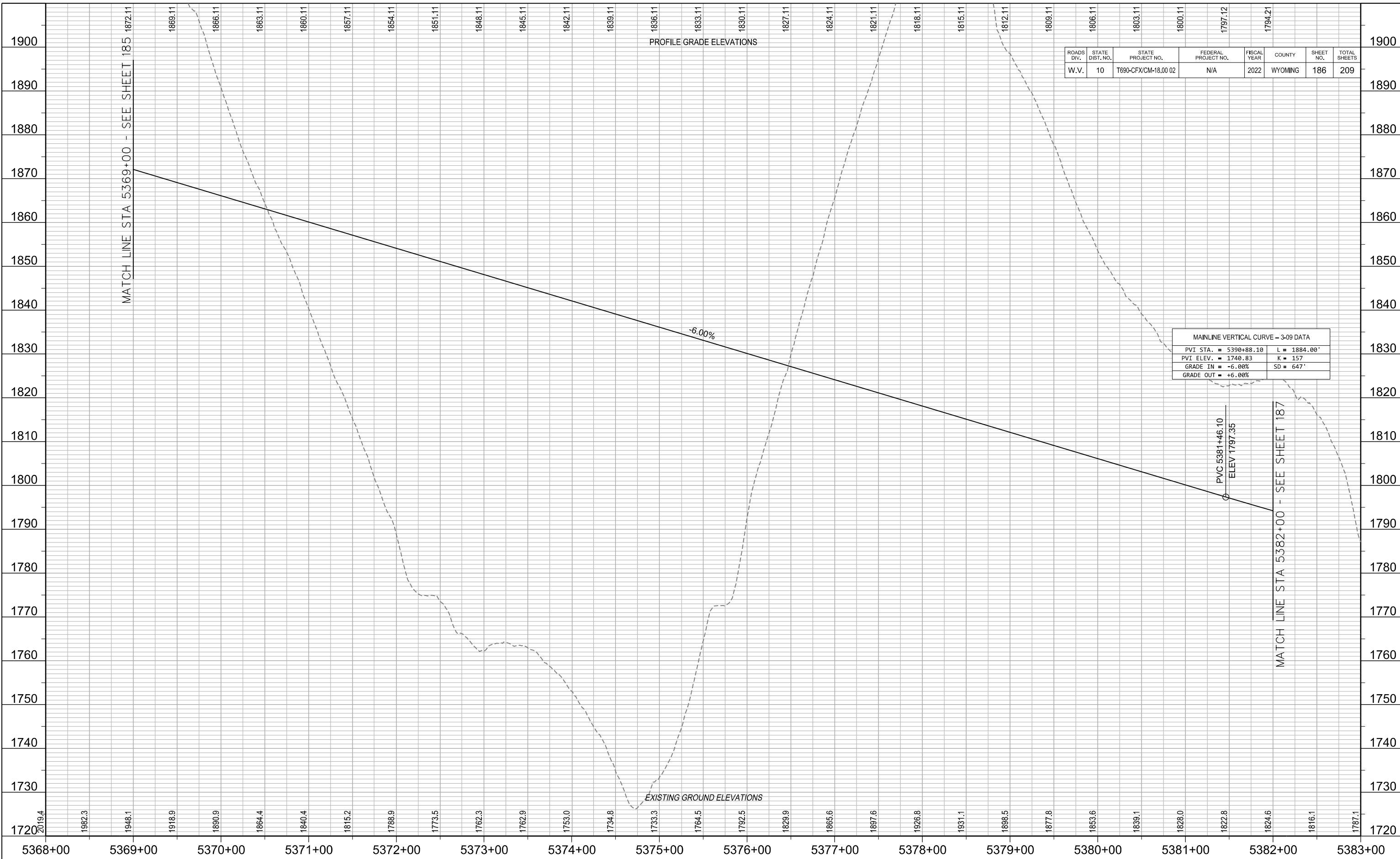


REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROFILE SHEET
MAINLINE ~ STA. 5356+00 - 5369+00

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R/W-3 02/28/22



PROFILE GRADE ELEVATIONS

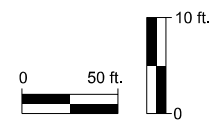
EXISTING GROUND ELEVATIONS

-6.00%

MAINLINE VERTICAL CURVE - 3-09 DATA			
PVI STA. =	5390+88.10	L =	1884.00'
PVI ELEV. =	1740.83	K =	157
GRADE IN =	-6.00%	SD =	647'
GRADE OUT =	+6.00%		

PVC 5381+46.10
ELEV 1797.35

ROADS DIV.	STATE DIST. NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
W.V.	10	T690-CFX/CM-18.00 02	N/A	2022	WYOMING	186	209

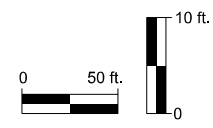
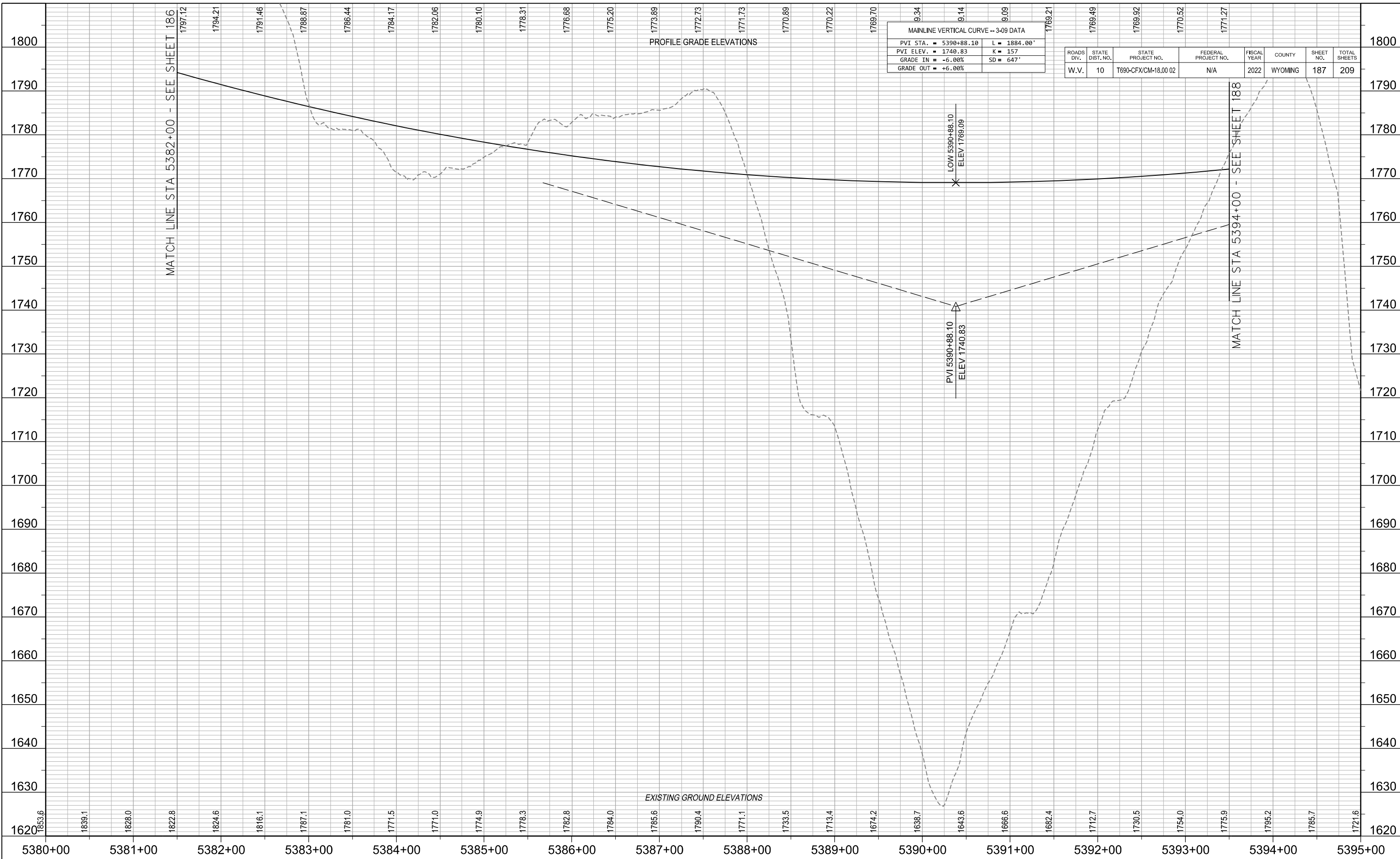


REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROFILE SHEET
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R/W-3
02/28/22



REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

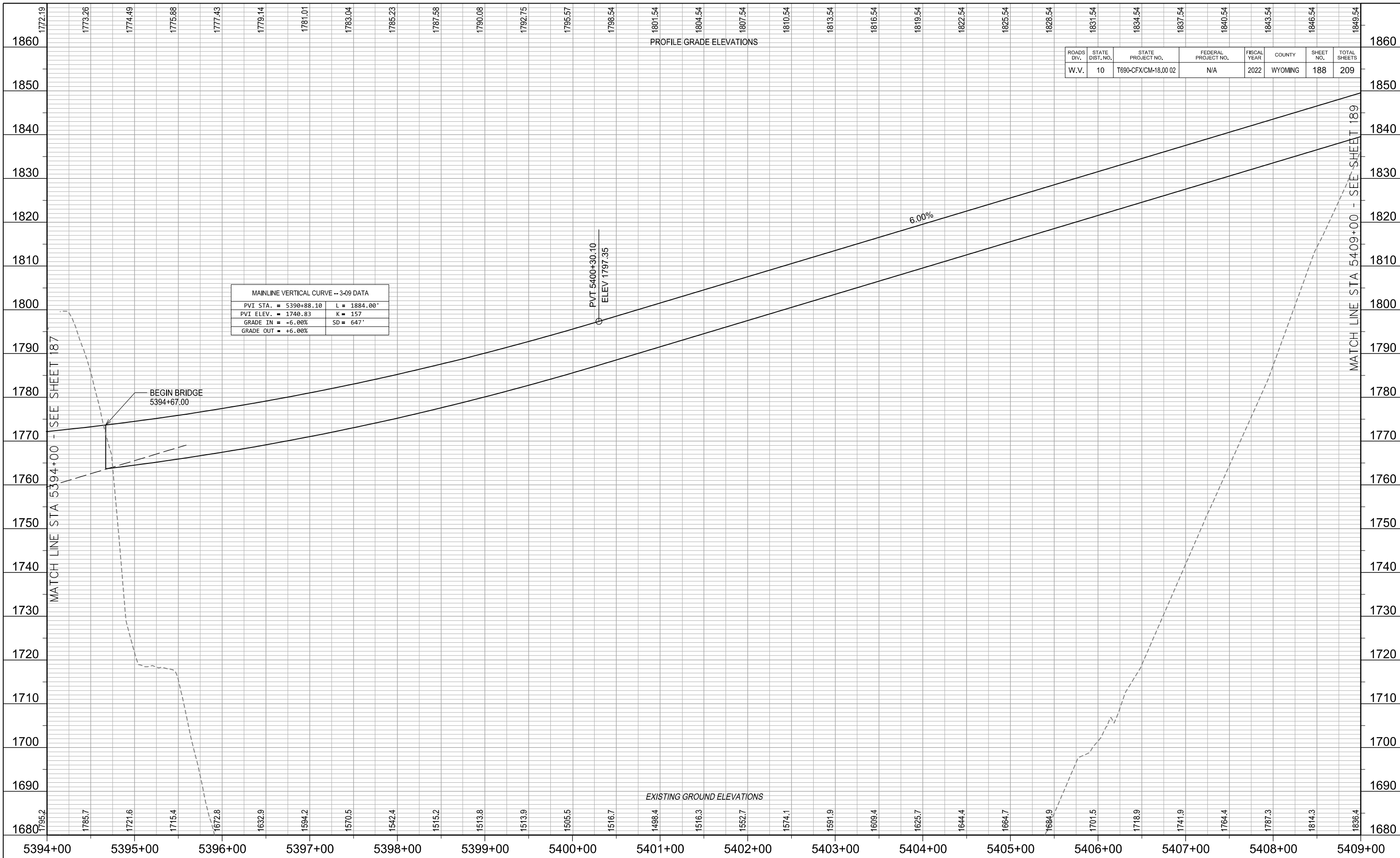
THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROFILE SHEET

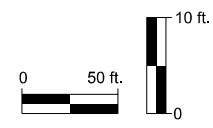
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R/W-3
02/28/22



ROADS DIV.	STATE DIST. NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
W.V.	10	T690-CFX/CM-18.00 02	N/A	2022	WYOMING	188	209



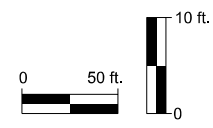
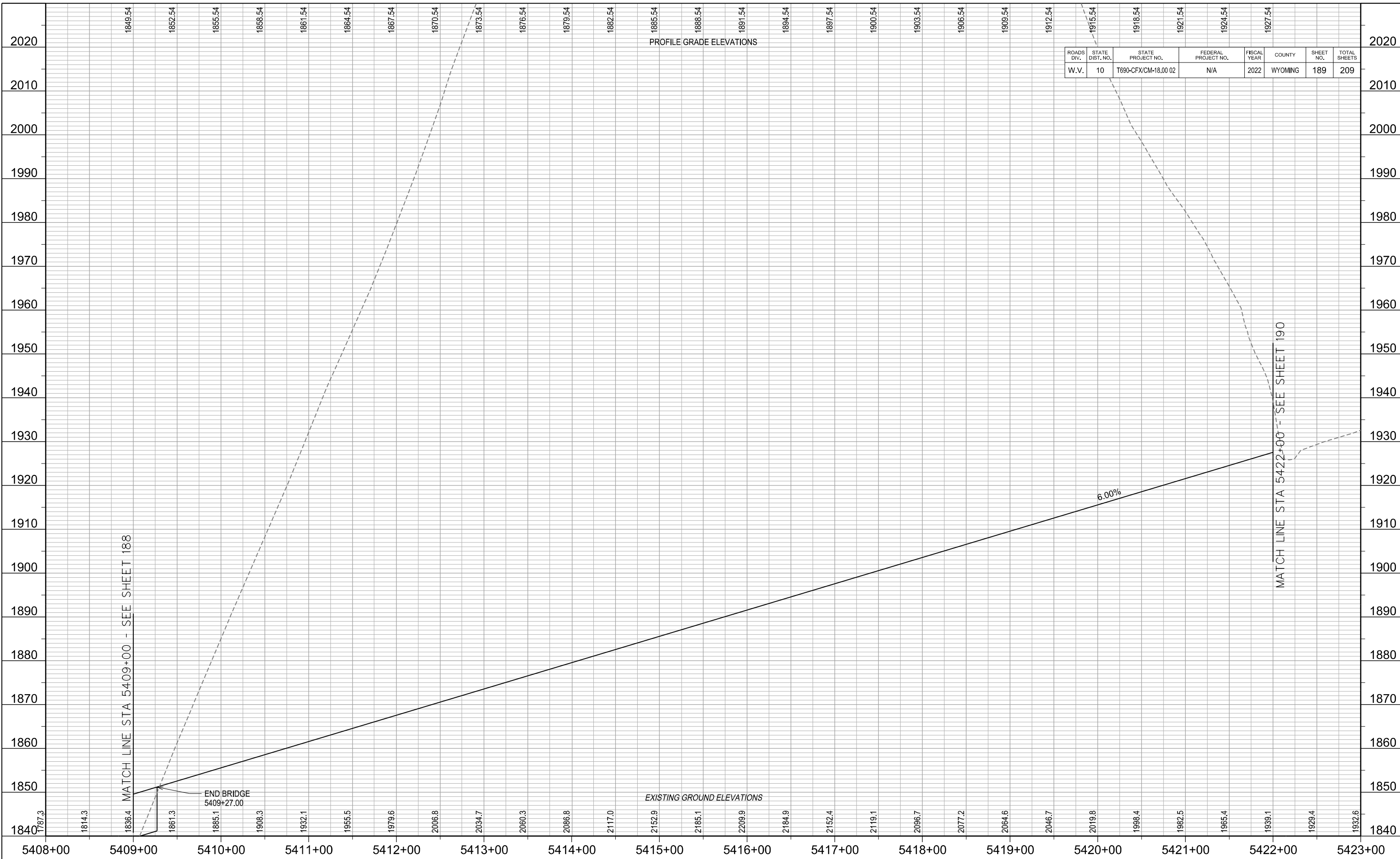
REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROFILE SHEET

MAINLINE ~ STA. 5394+00 - 5409+00

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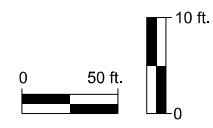
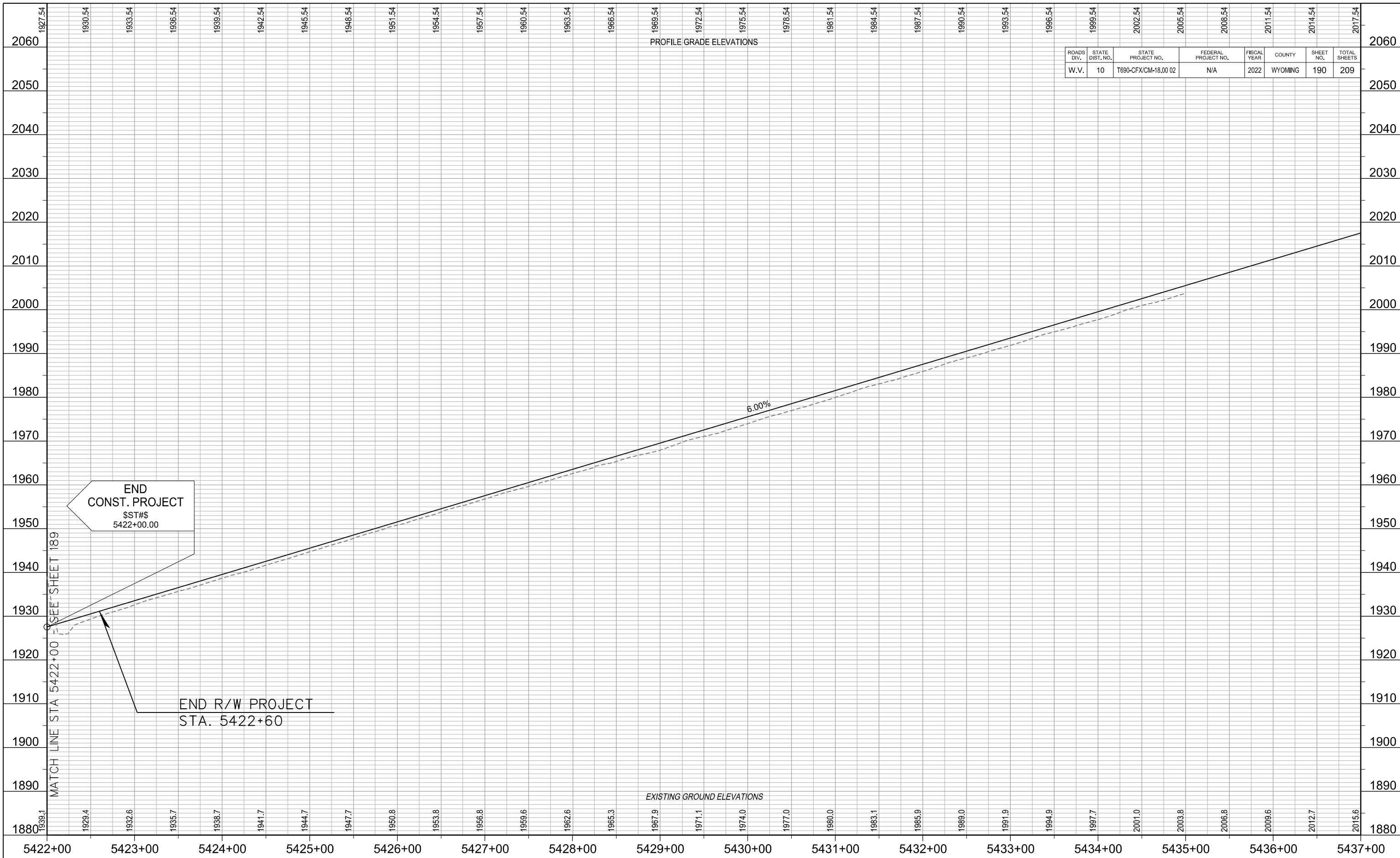
WRA
Whitman, Requardt & Associates, LLP
300 Summers Street, Suite 810, Charleston, WV 25301

TRC
CHARLESTON, WEST VIRGINIA

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROFILE SHEET
MAINLINE ~ STA. 5409+00 - 5422+00

R/W-3 02/28/22



REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

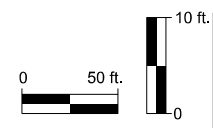
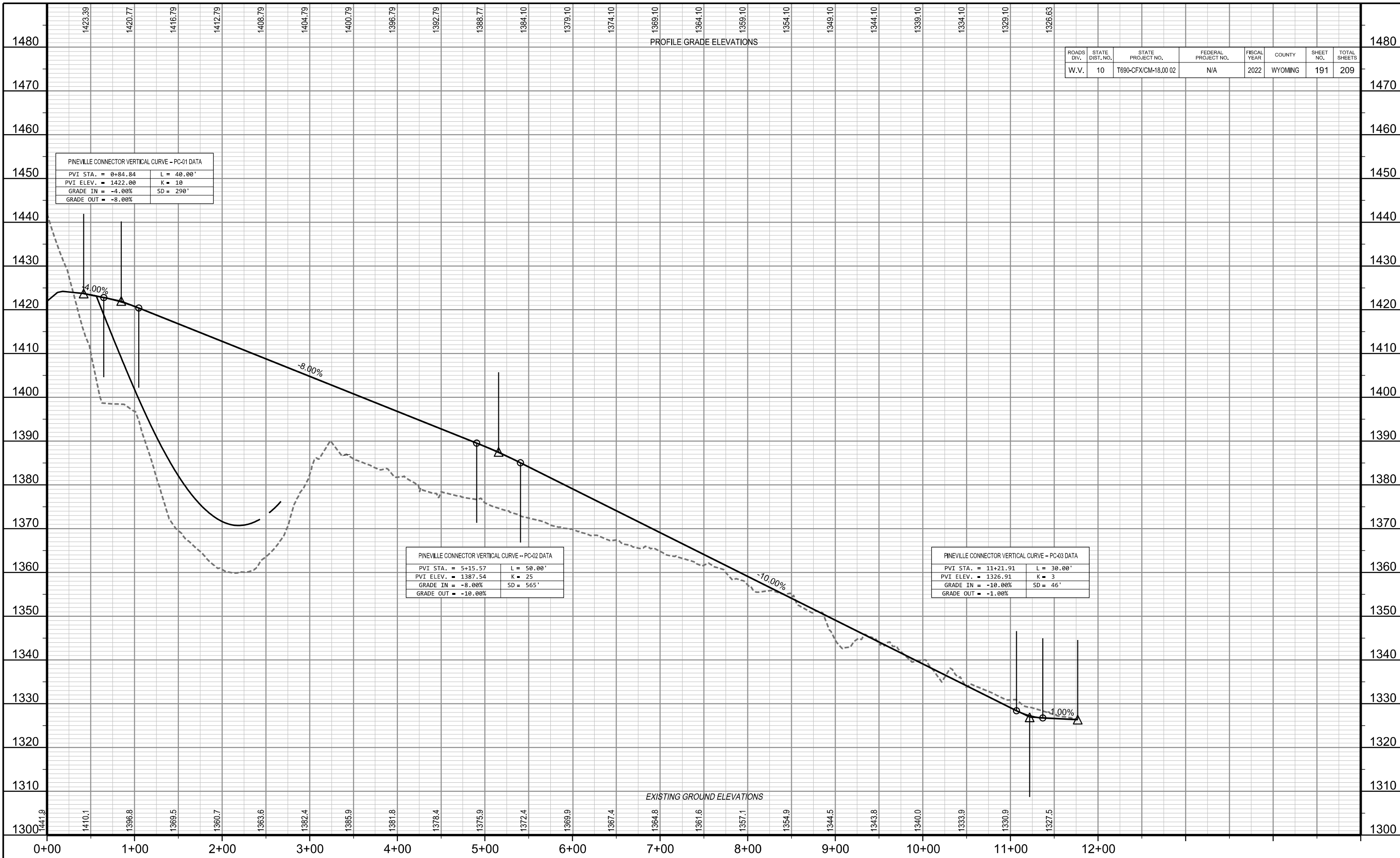
THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROFILE SHEET

MAINLINE ~ STA. 5422+00 - 5435+00

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R/W-3
02/28/22

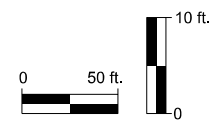
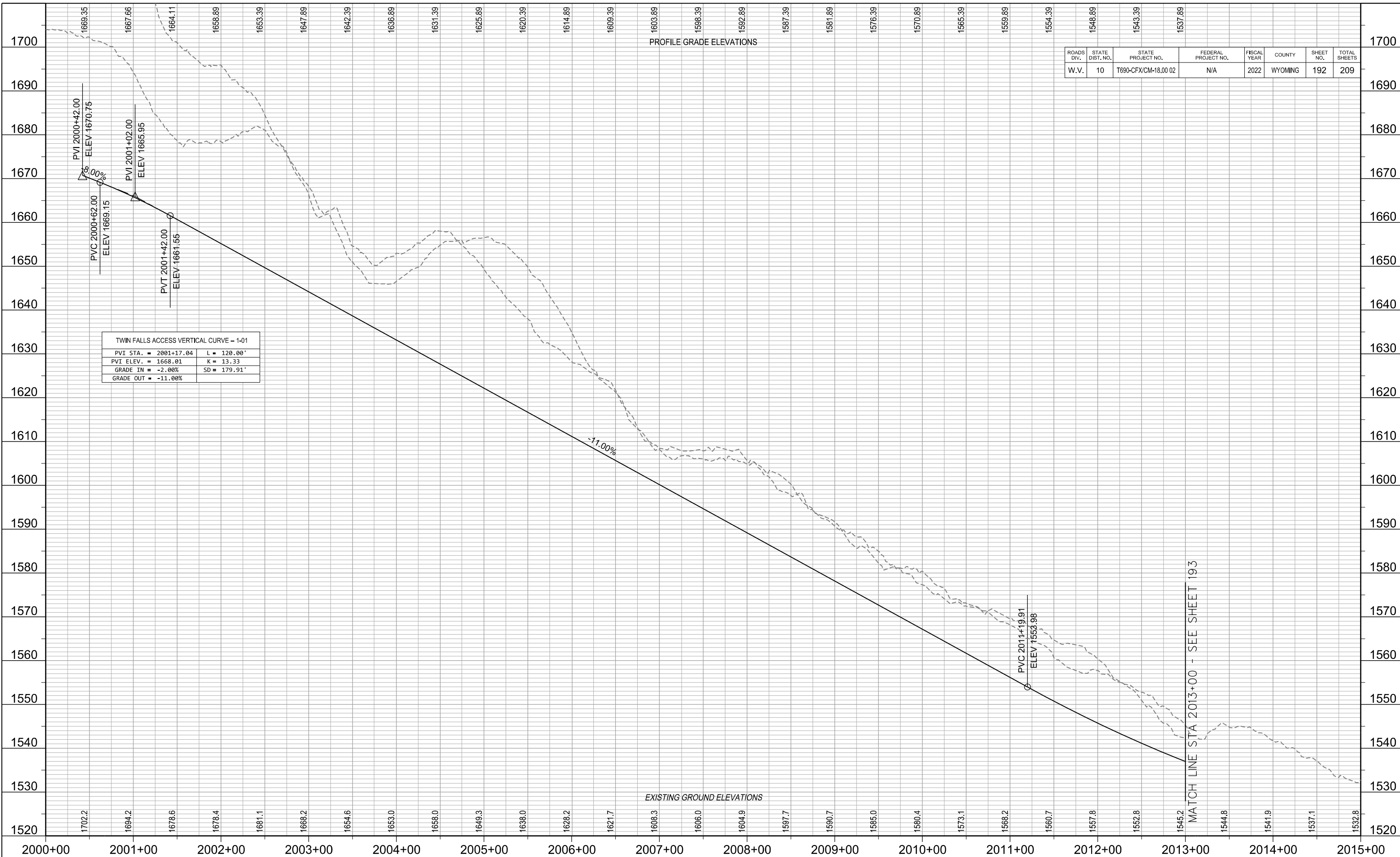


REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
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02/28/22



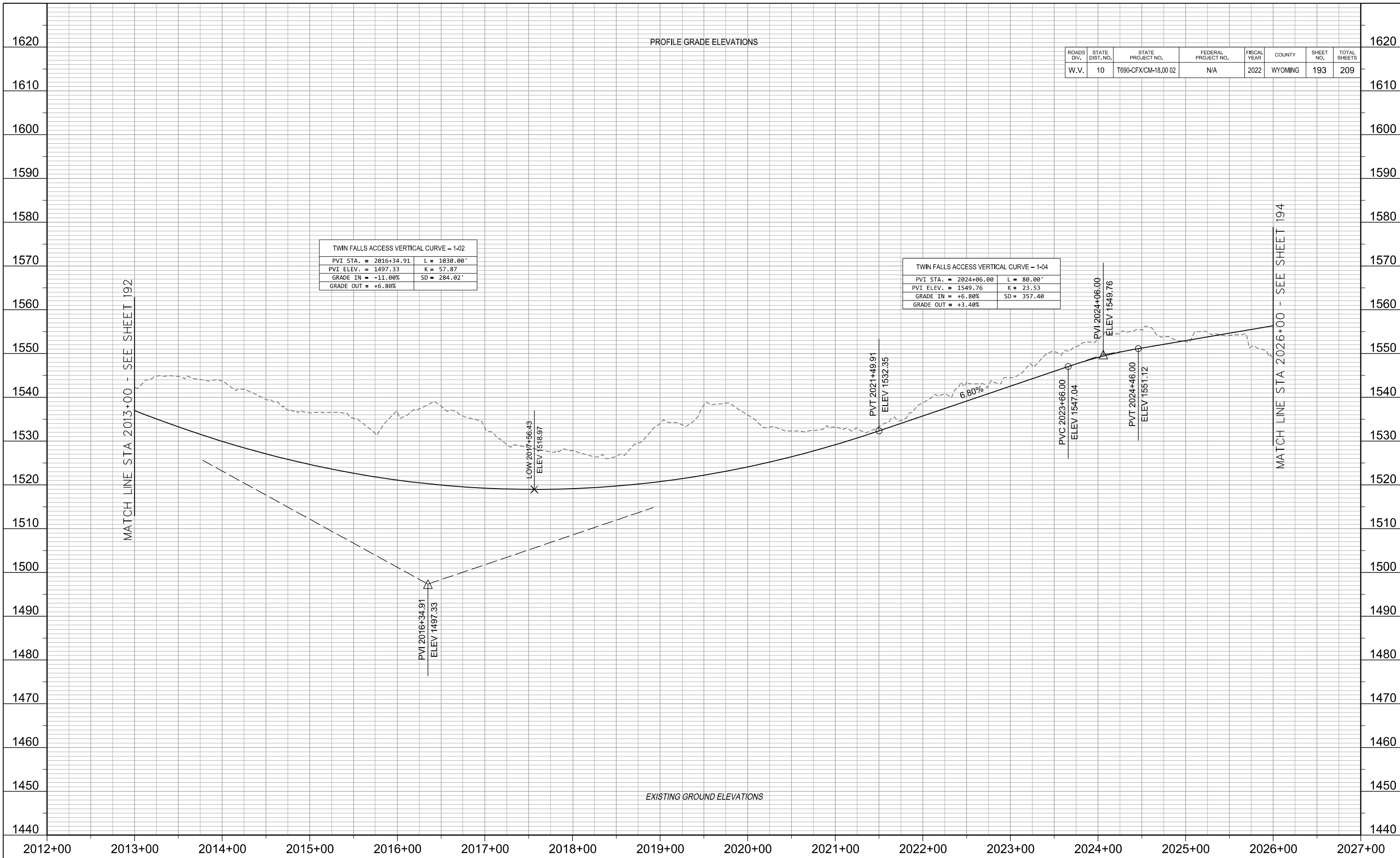
REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROFILE SHEET
TWINFALLS ~ STA. 2000+00 - 2013+00

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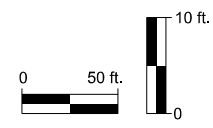
PROFILE GRADE ELEVATIONS

ROADS DIV.	STATE DIST. NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
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EXISTING GROUND ELEVATIONS

R/W-3 02/28/22



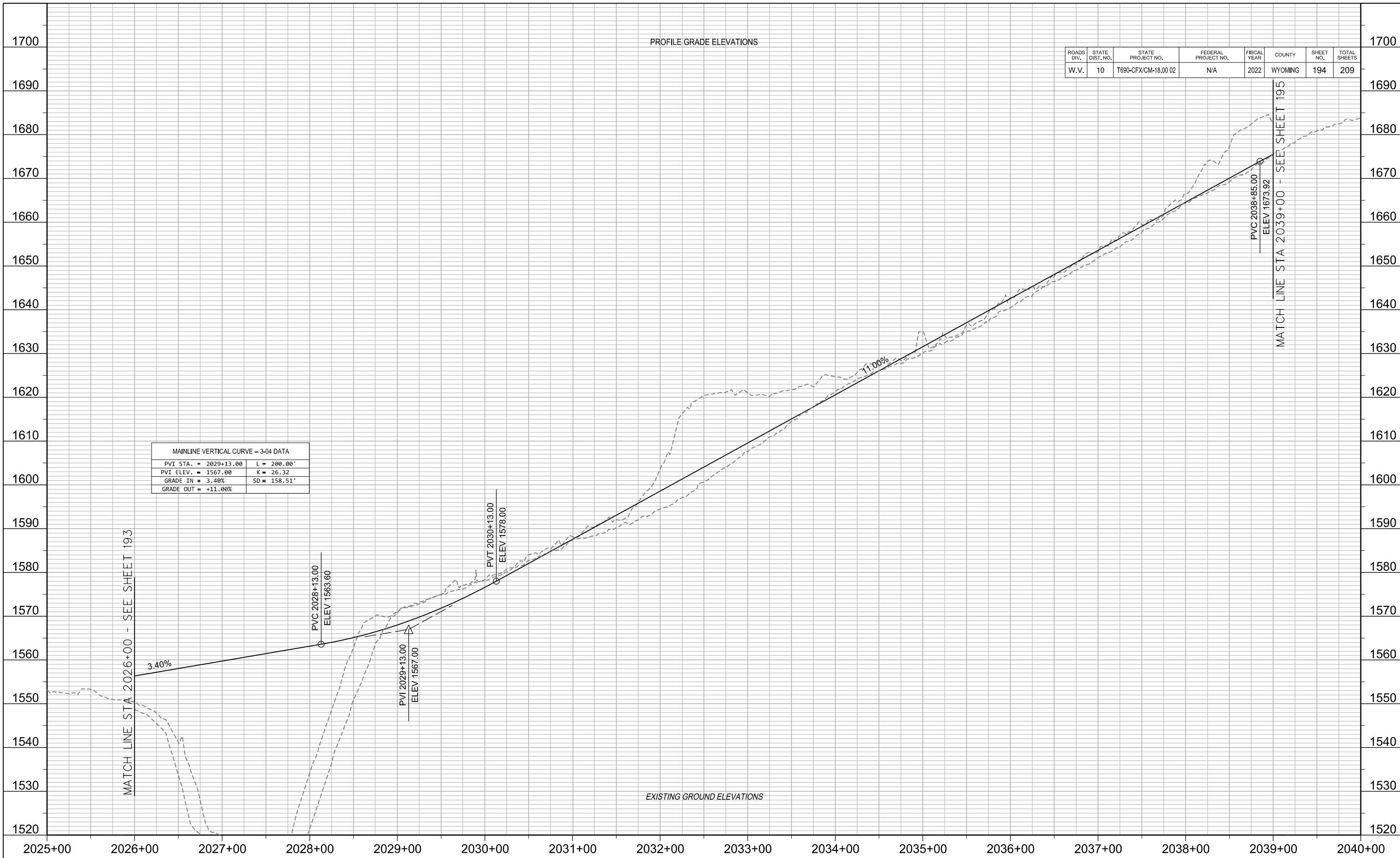
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THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROFILE SHEET
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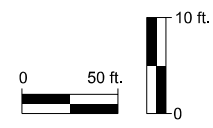
PROFILE GRADE ELEVATIONS

ROADS DIV.	STATE DIST. NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
W.V.	10	T690-CFX/CM-18.00 02	N/A	2022	WYOMING	194	209



MAINLINE VERTICAL CURVE - 3-04 DATA			
PVI STA. =	2029+13.00	L =	200.00'
PVI ELEV. =	1567.00	K =	26.32
GRADE IN =	3.40%	SD =	158.51'
GRADE OUT =	+11.00%		

R/W-3 02/28/22

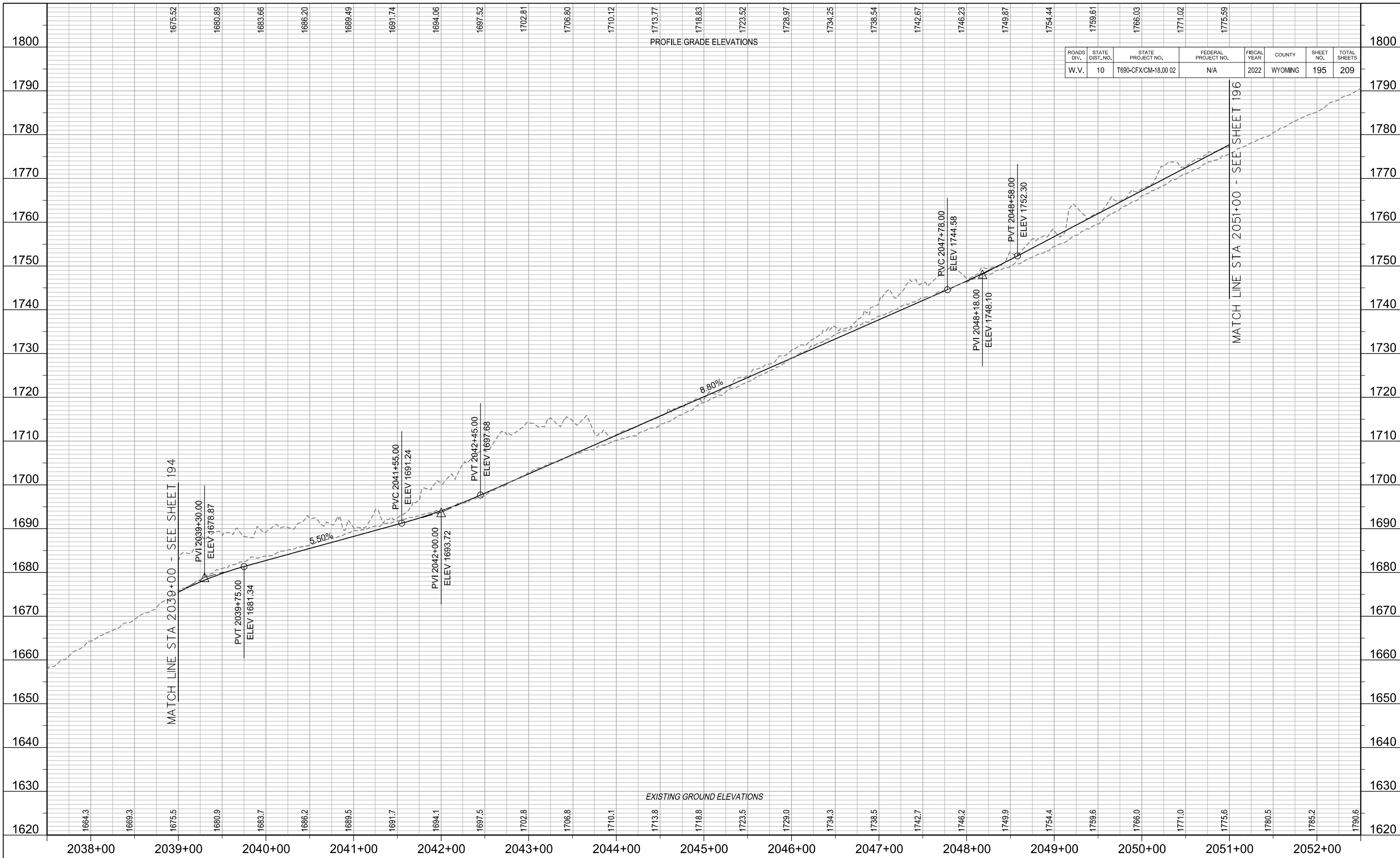


REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROFILE SHEET
TWINFALLS ~ STA. 2026+00 - 2039+00

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R/W-3 02/28/22

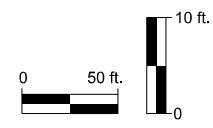


PROFILE GRADE ELEVATIONS

EXISTING GROUND ELEVATIONS

ROADS DIV.	STATE DIST. NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
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MATCH LINE STA 2051+00 - SEE SHEET 196

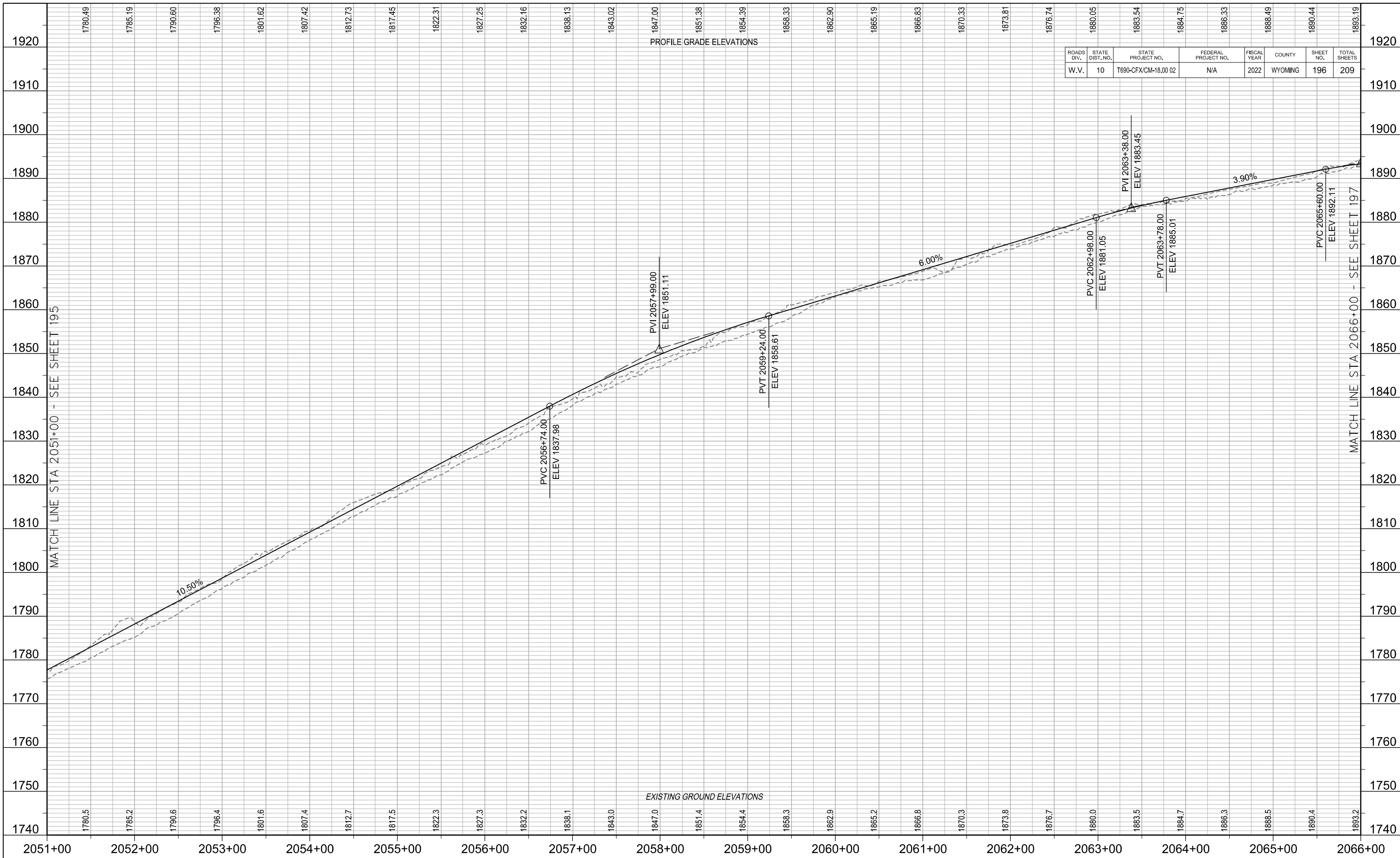


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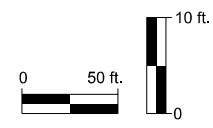
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DIVISION OF HIGHWAYS
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R/W-3
02/28/22



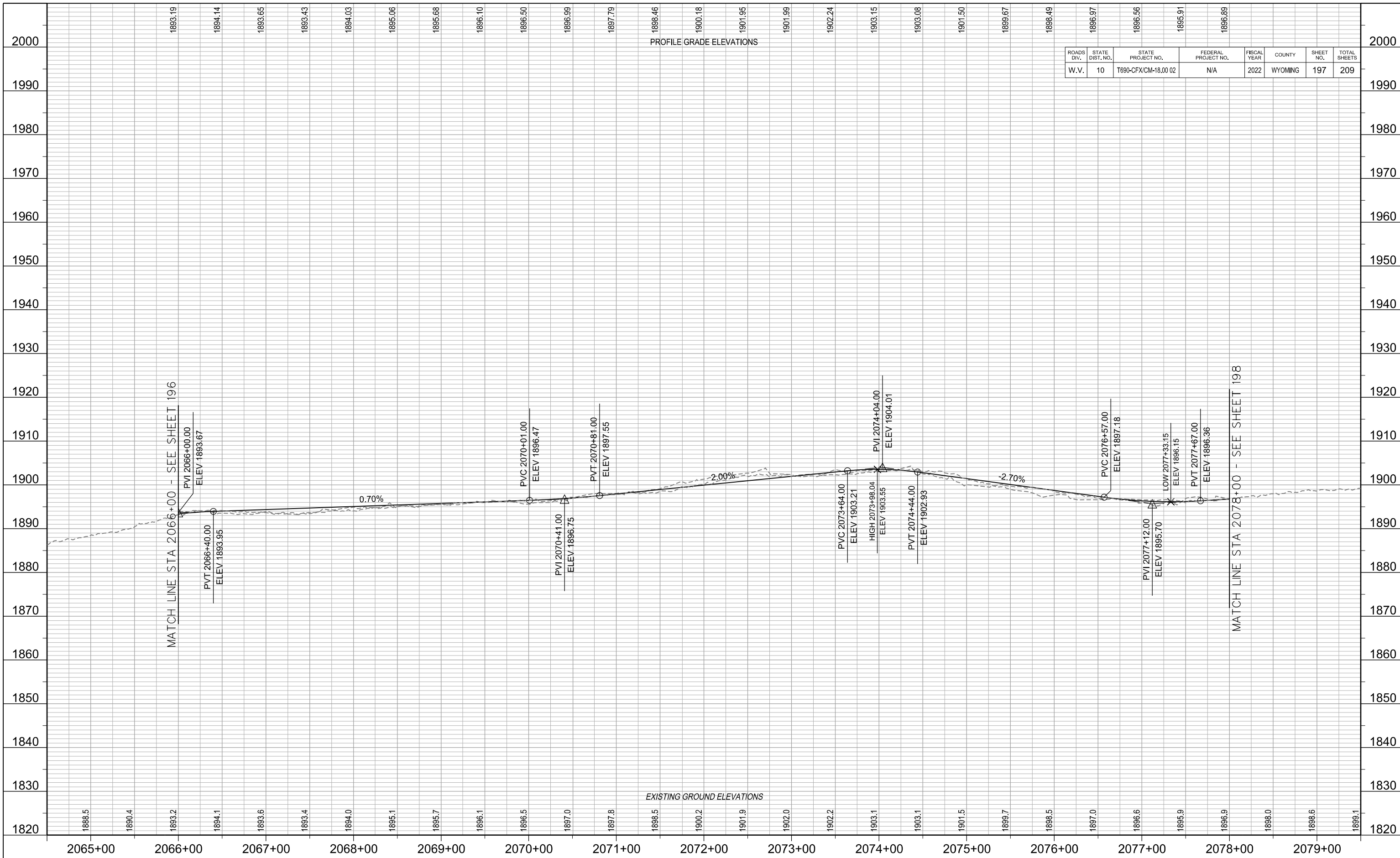
ROADS DIV.	STATE DIST. NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
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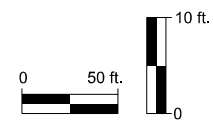
REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROFILE SHEET
TWINFALLS ~ STA. 2051+00 - 2066+00

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ROADS DIV.	STATE DIST. NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
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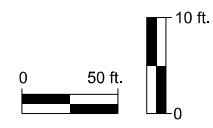
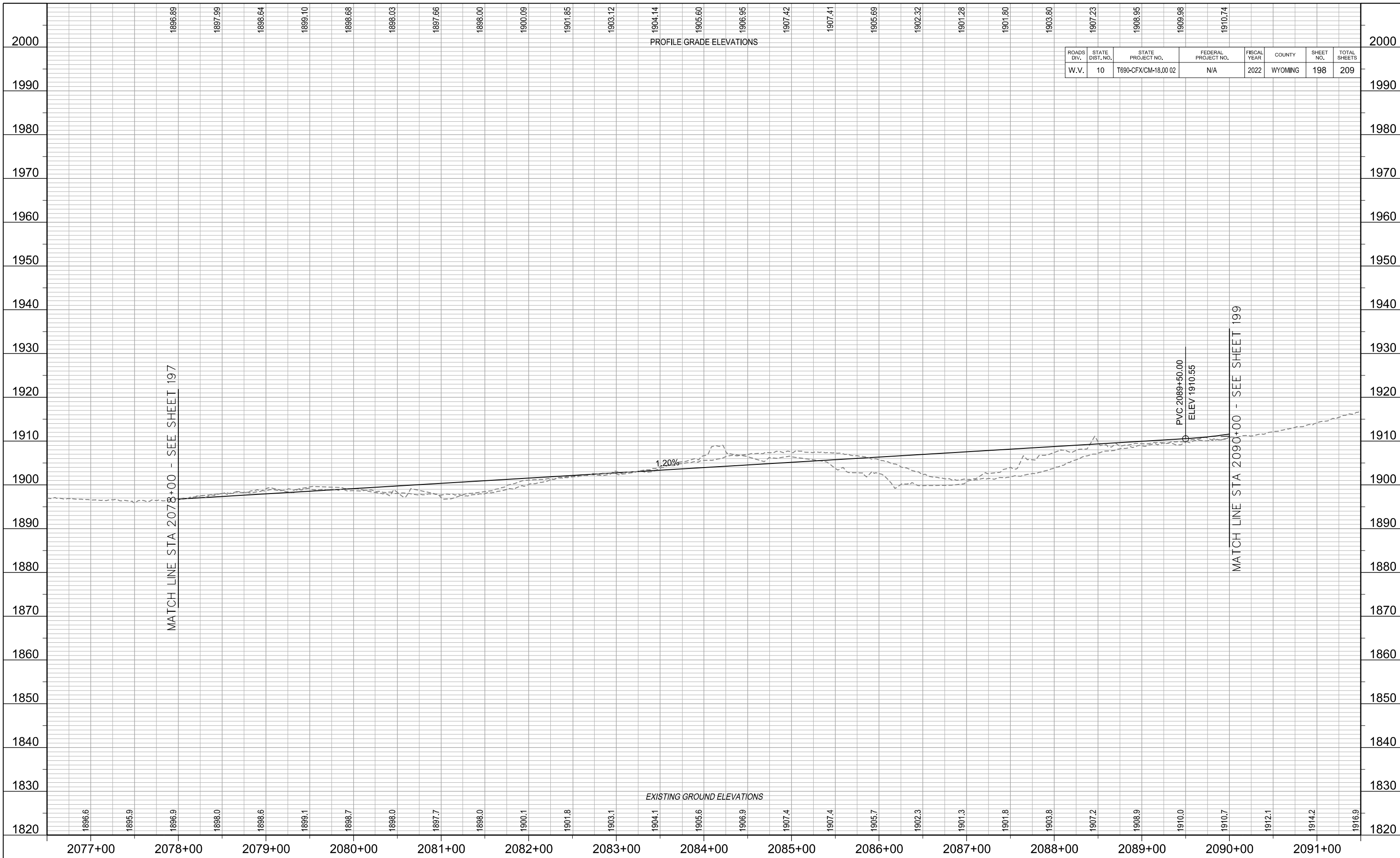
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THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROFILE SHEET

TWINFALLS ~ STA. 2066+00 - 2078+00

R/W-3 02/28/22



REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

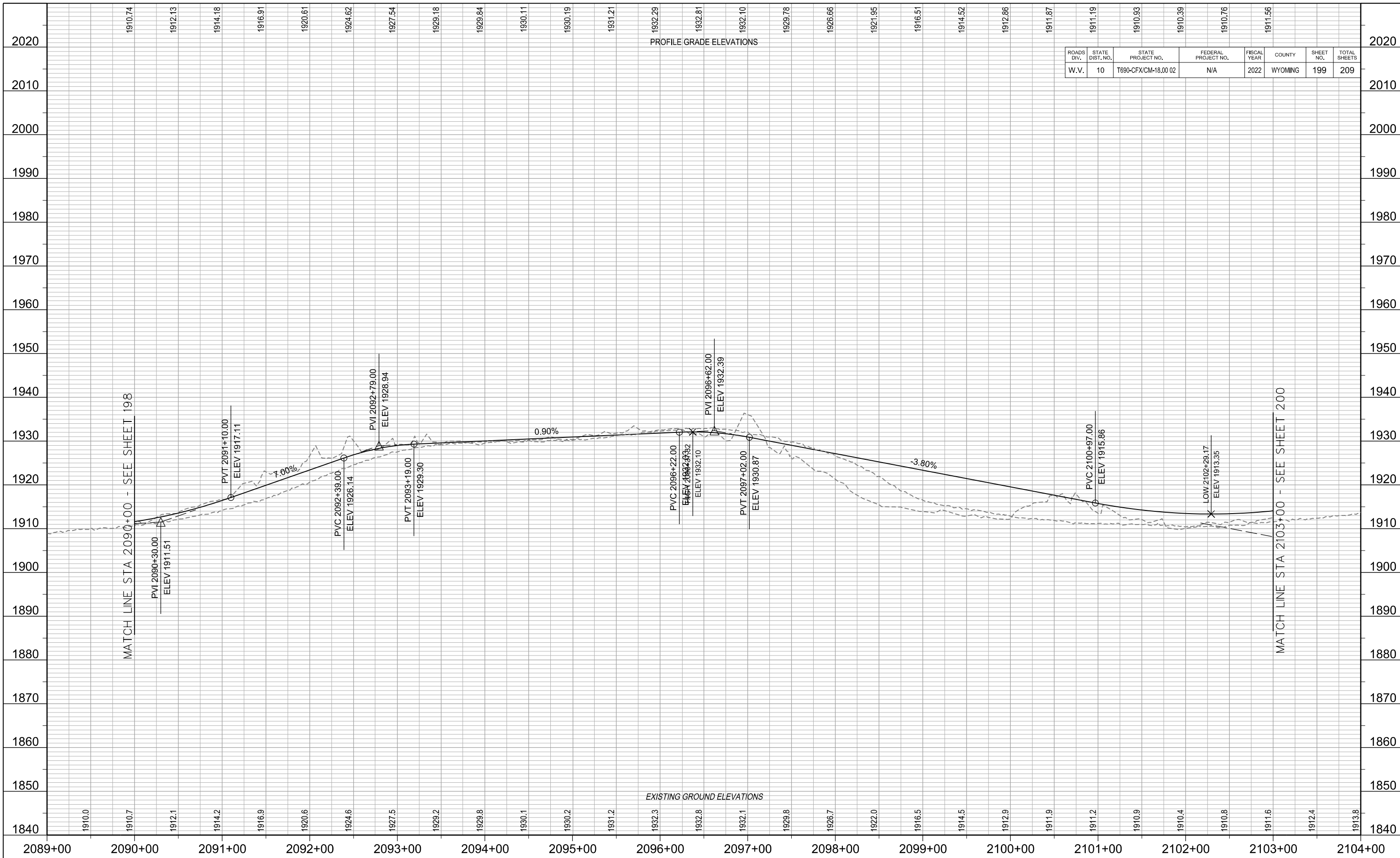
THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROFILE SHEET

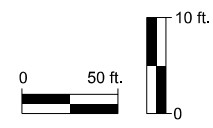
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R/W-3 02/28/22



ROADS DIV.	STATE DIST. NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
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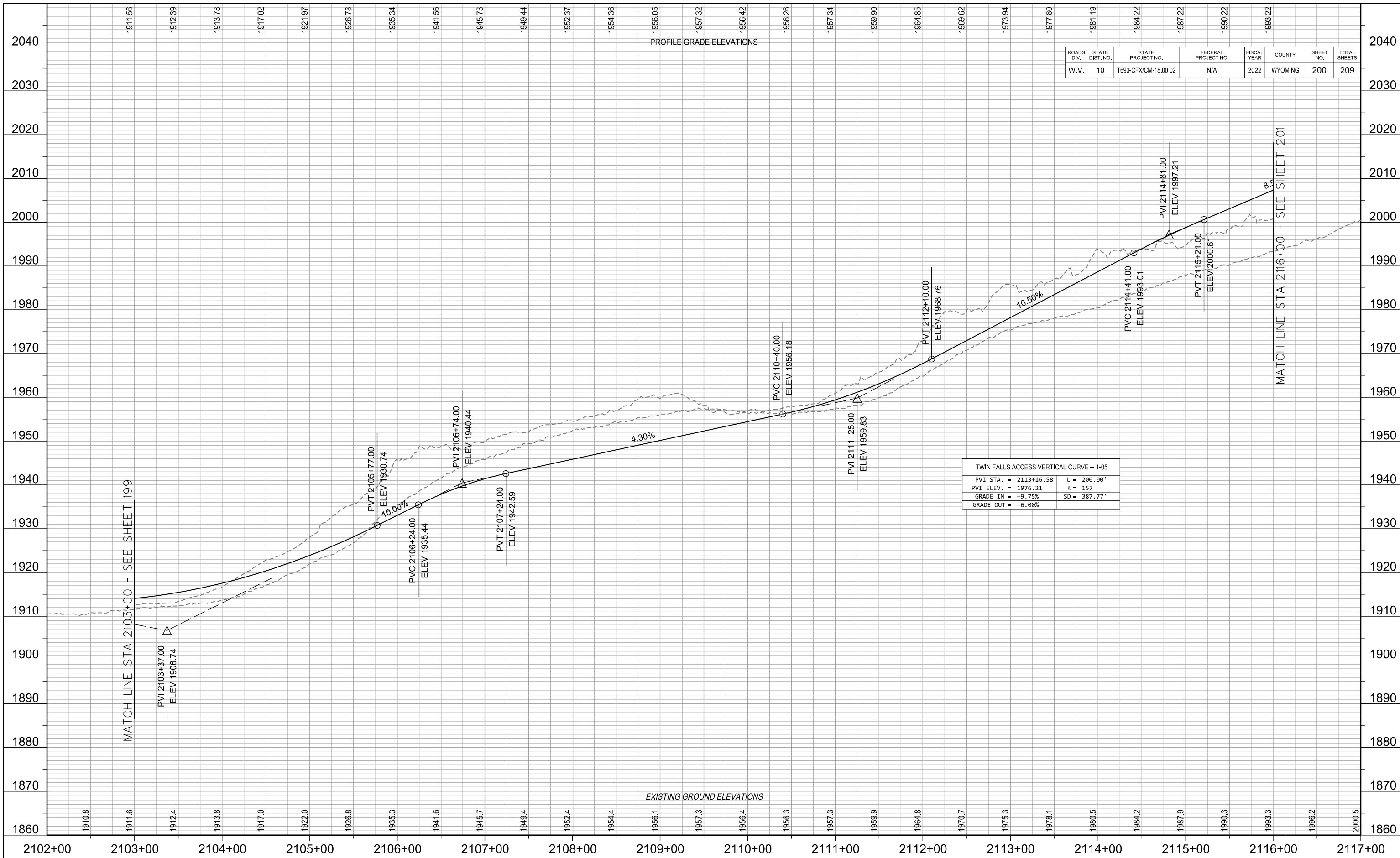


REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROFILE SHEET
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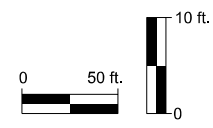
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R/W-3 02/28/22



ROADS DIV.	STATE DIST. NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
W.V.	10	T690-CFX/CM-18.00 02	N/A	2022	WYOMING	200	209

TWIN FALLS ACCESS VERTICAL CURVE -- 1-05	
PVI STA. = 2113+16.58	L = 200.00'
PVI ELEV. = 1976.21	K = 157
GRADE IN = +9.75%	SD = 387.77'
GRADE OUT = +6.00%	



REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

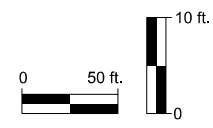
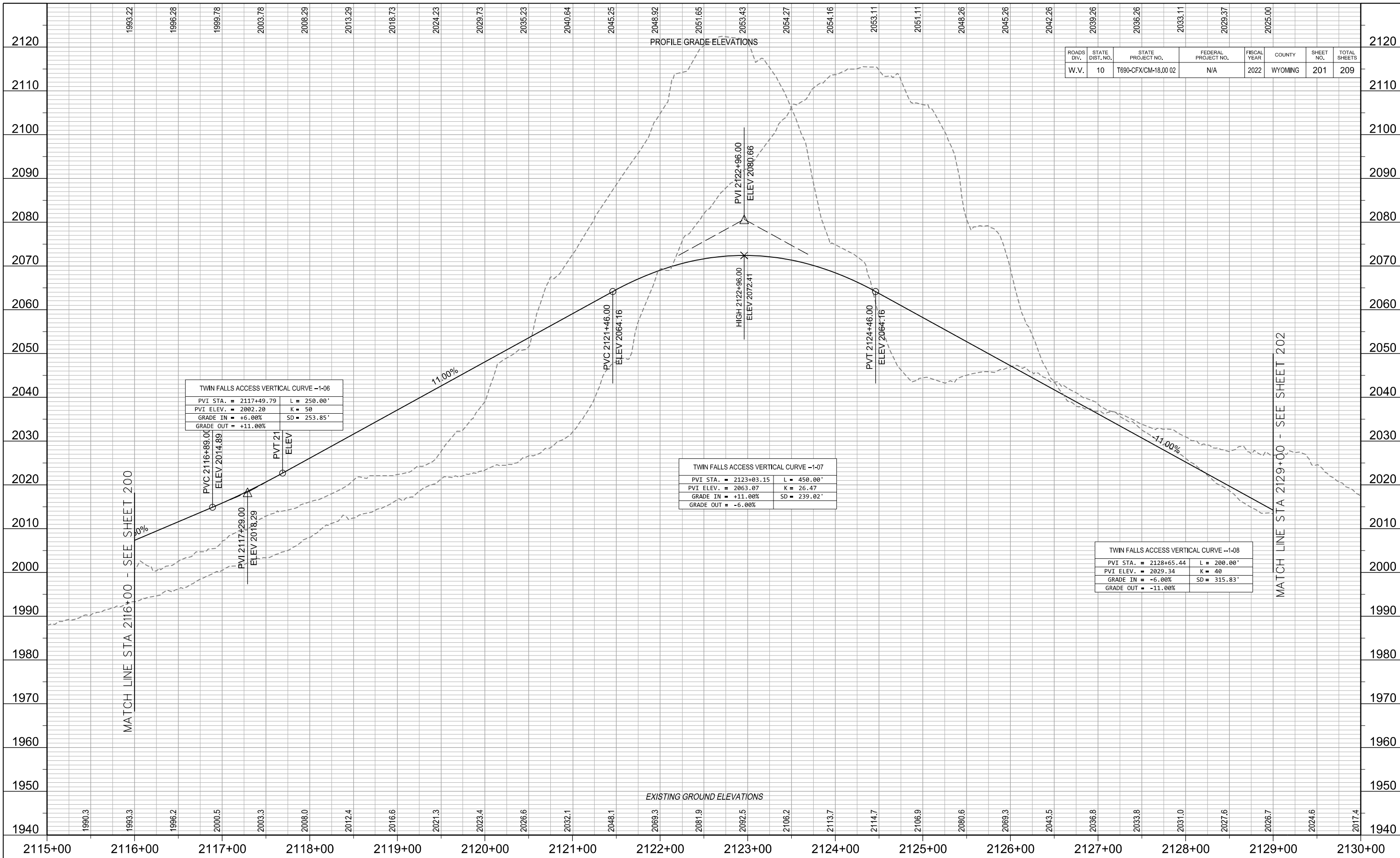
THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROFILE SHEET

TWINFALLS ~ STA. 2103+00 - 2116+00

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R/W-3 02/28/22



REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

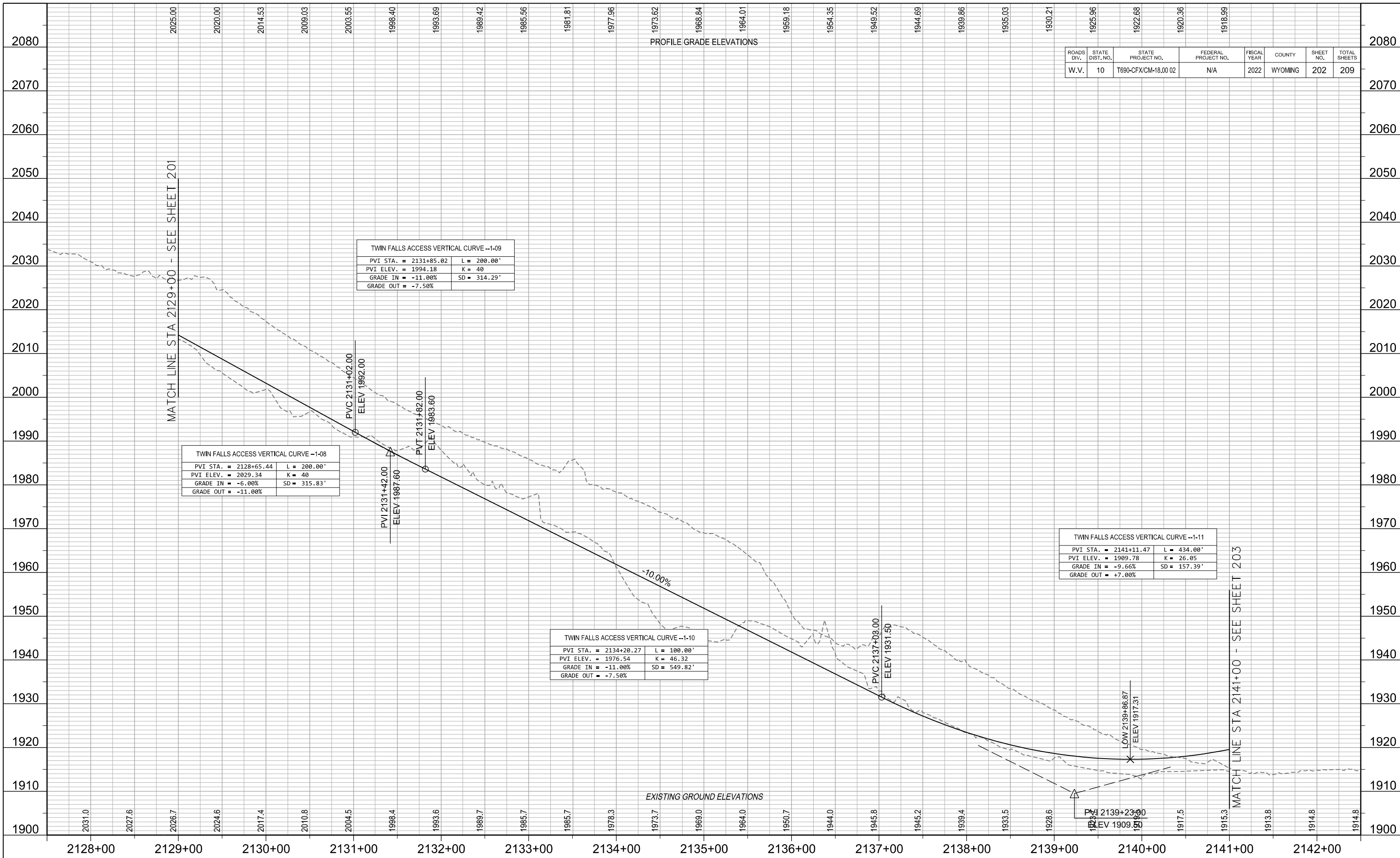
THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROFILE SHEET

TWINFALLS ~ STA. 2116+00 - 2129+00

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R/W-3 02/28/22



PROFILE GRADE ELEVATIONS

EXISTING GROUND ELEVATIONS

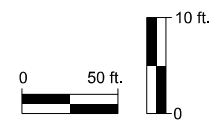
TWIN FALLS ACCESS VERTICAL CURVE --1-09			
PVI STA. = 2131+85.02	L = 200.00'		
PVI ELEV. = 1994.18	K = 40		
GRADE IN = -11.00%	SD = 314.29'		
GRADE OUT = -7.50%			

TWIN FALLS ACCESS VERTICAL CURVE --1-08			
PVI STA. = 2128+65.44	L = 200.00'		
PVI ELEV. = 2029.34	K = 40		
GRADE IN = -6.00%	SD = 315.83'		
GRADE OUT = -11.00%			

TWIN FALLS ACCESS VERTICAL CURVE --1-10			
PVI STA. = 2134+20.27	L = 100.00'		
PVI ELEV. = 1976.54	K = 46.32		
GRADE IN = -11.00%	SD = 549.82'		
GRADE OUT = -7.50%			

TWIN FALLS ACCESS VERTICAL CURVE --1-11			
PVI STA. = 2141+11.47	L = 434.00'		
PVI ELEV. = 1909.78	K = 26.05		
GRADE IN = -9.66%	SD = 157.39'		
GRADE OUT = +7.00%			

ROADS DIV.	STATE DIST. NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
W.V.	10	T690-CFX/CM-18.00 02	N/A	2022	WYOMING	202	209

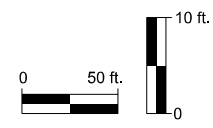
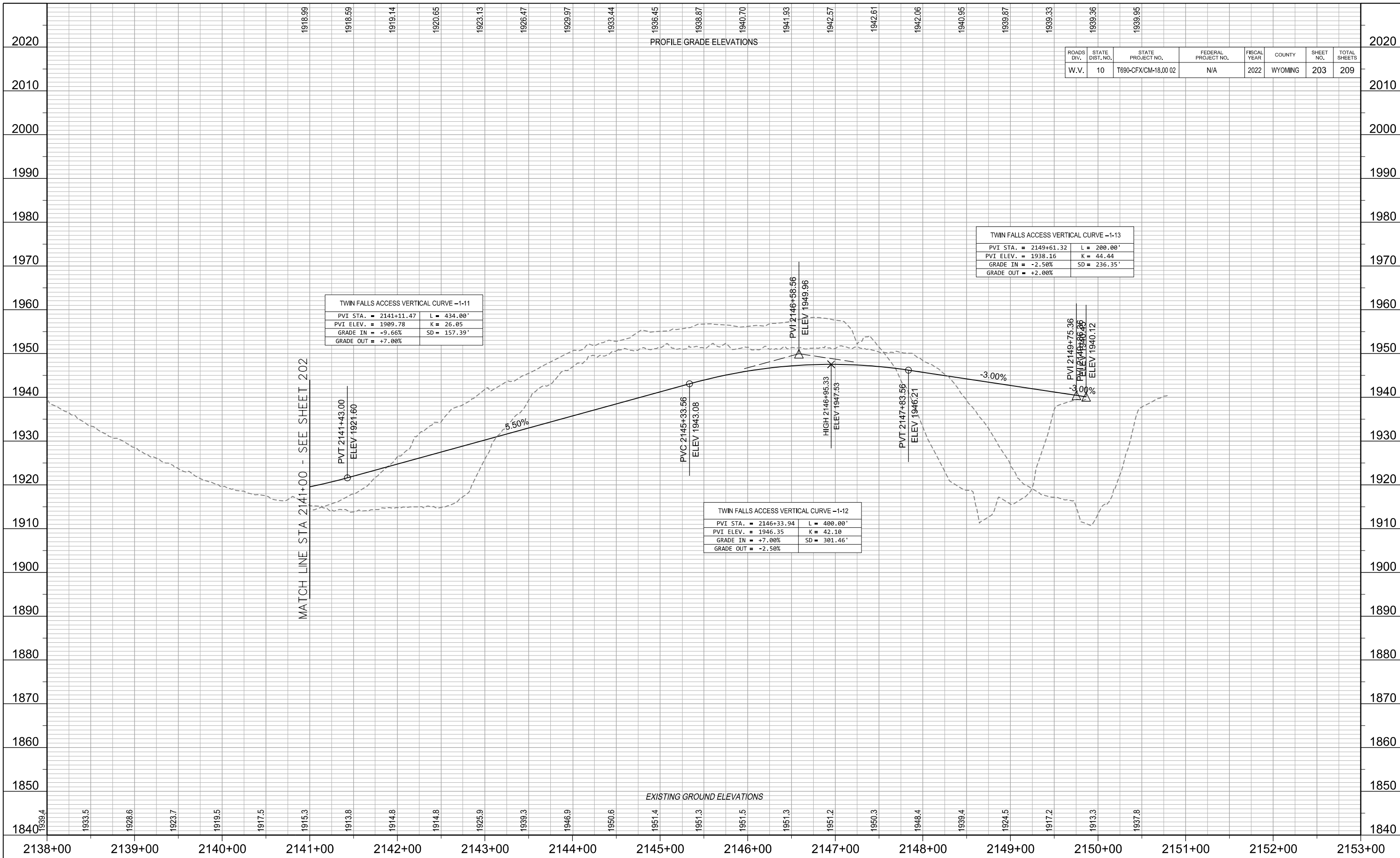


REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROFILE SHEET
TWINFALLS ~ STA. 2129+00 - 2141+00

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R/W-3
02/28/22

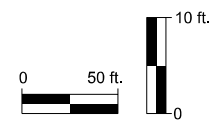
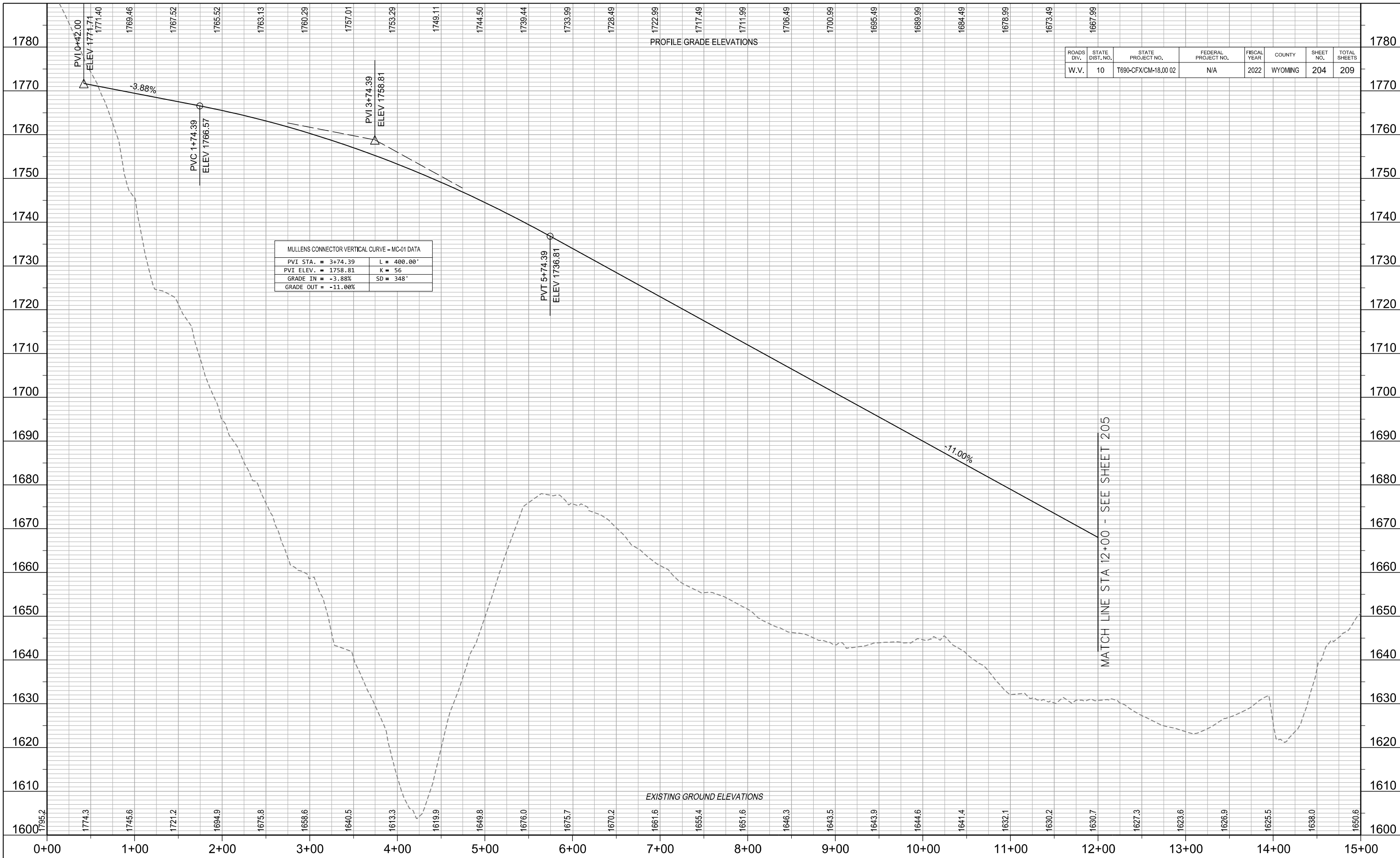


REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROFILE SHEET
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R/W-3 02/28/22



REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

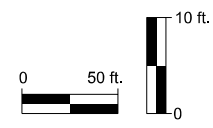
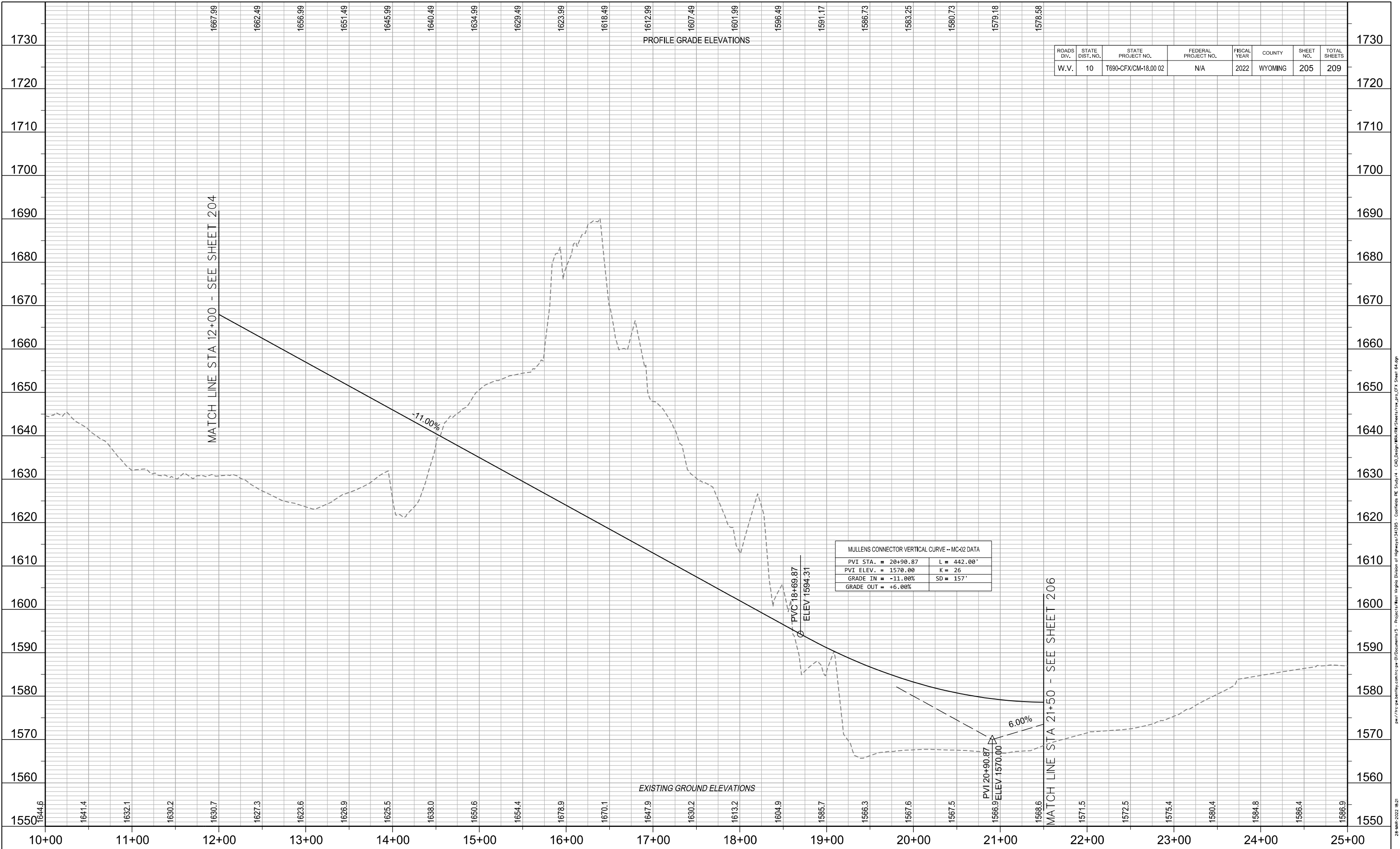
THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROFILE SHEET

MULLENS CONNECTOR - 0+00 TO 12+00

28-MAR-2022 08:21
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R/W-3 02/28/22



REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

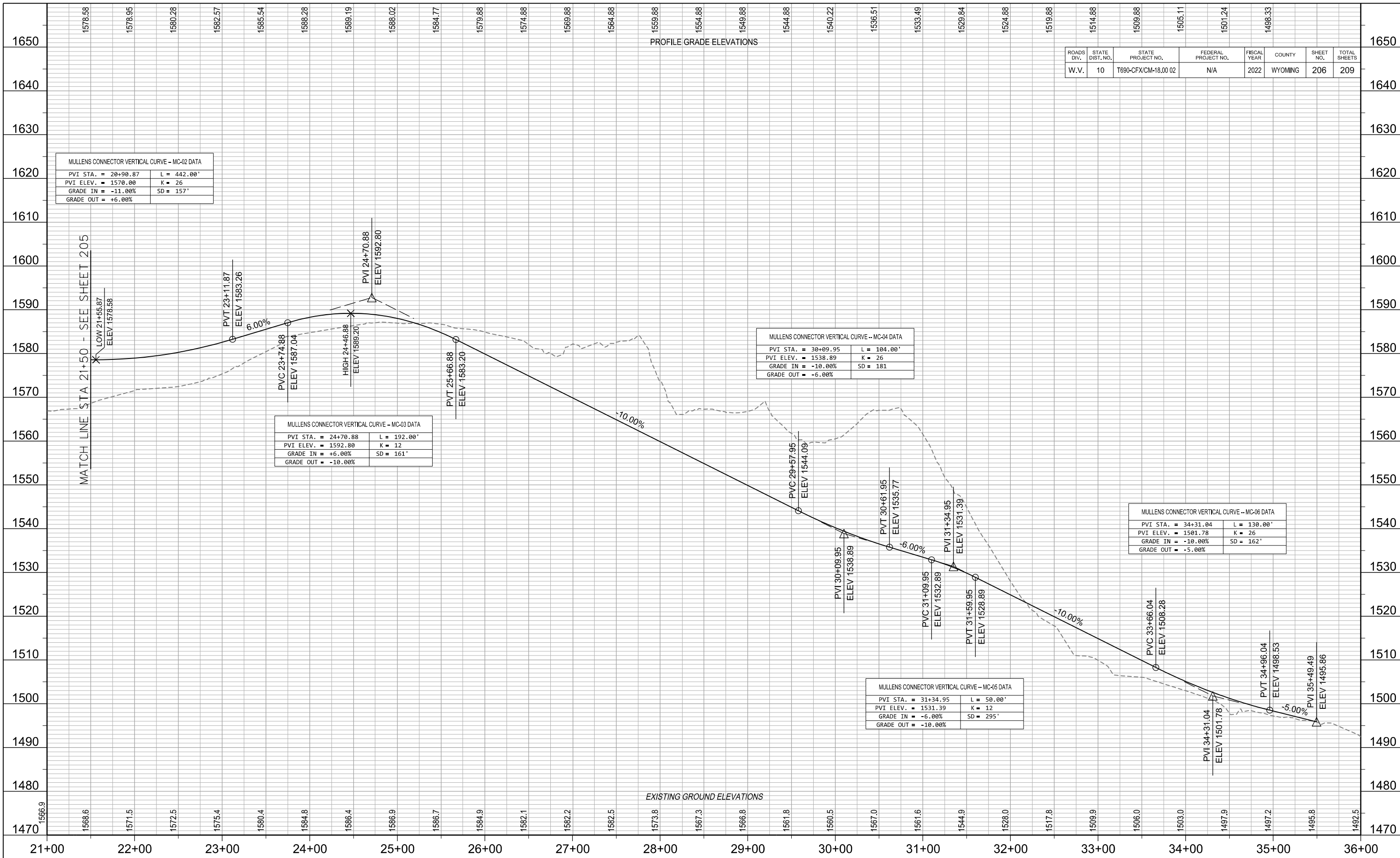
PROFILE SHEET

MULLENS CONNECTOR - 12+00 TO 21+50

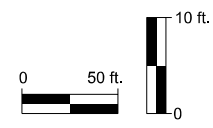
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28-MAR-2022

R/W-3 02/28/22



ROADS DIV.	STATE DIST. NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
W.V.	10	T690-CFX/CM-18.00 02	N/A	2022	WYOMING	206	209

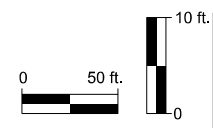
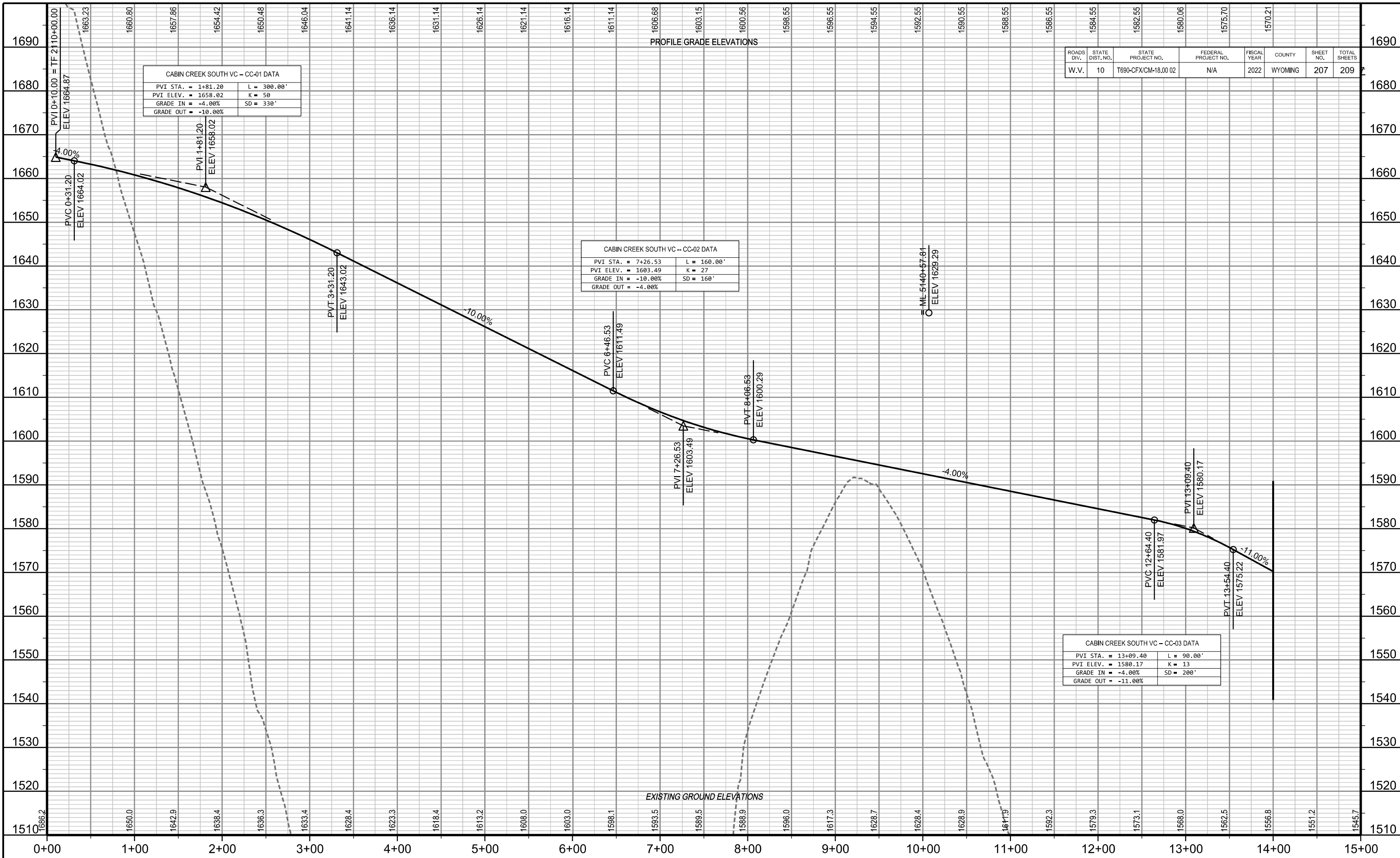


REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROFILE SHEET
MULLENS CONNECTOR - 21+50 TO WV54

28-MAR-2022 8:21
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R/W-3
02/28/22



REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROFILE SHEET
CABIN CREEK SOUTH ~ STA. 0+00 - 14+00

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R/W-3 02/28/22

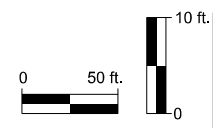


PROFILE GRADE ELEVATIONS

EXISTING GROUND ELEVATIONS

ROADS DIV.	STATE DIST. NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS	COUNTY
W.V.	10	T690-CFX/CM-18.00 02	N/A	2022	WYOMING	208	209	WYO

CABIN CREEK SOUTH VC - CC-04 DATA	
PVI STA. = 27+01.01	L = 200.00'
PVI ELEV. = 1427.10	K = 25
GRADE IN = -11.00%	SD = 153'
GRADE OUT = -3.00%	



REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

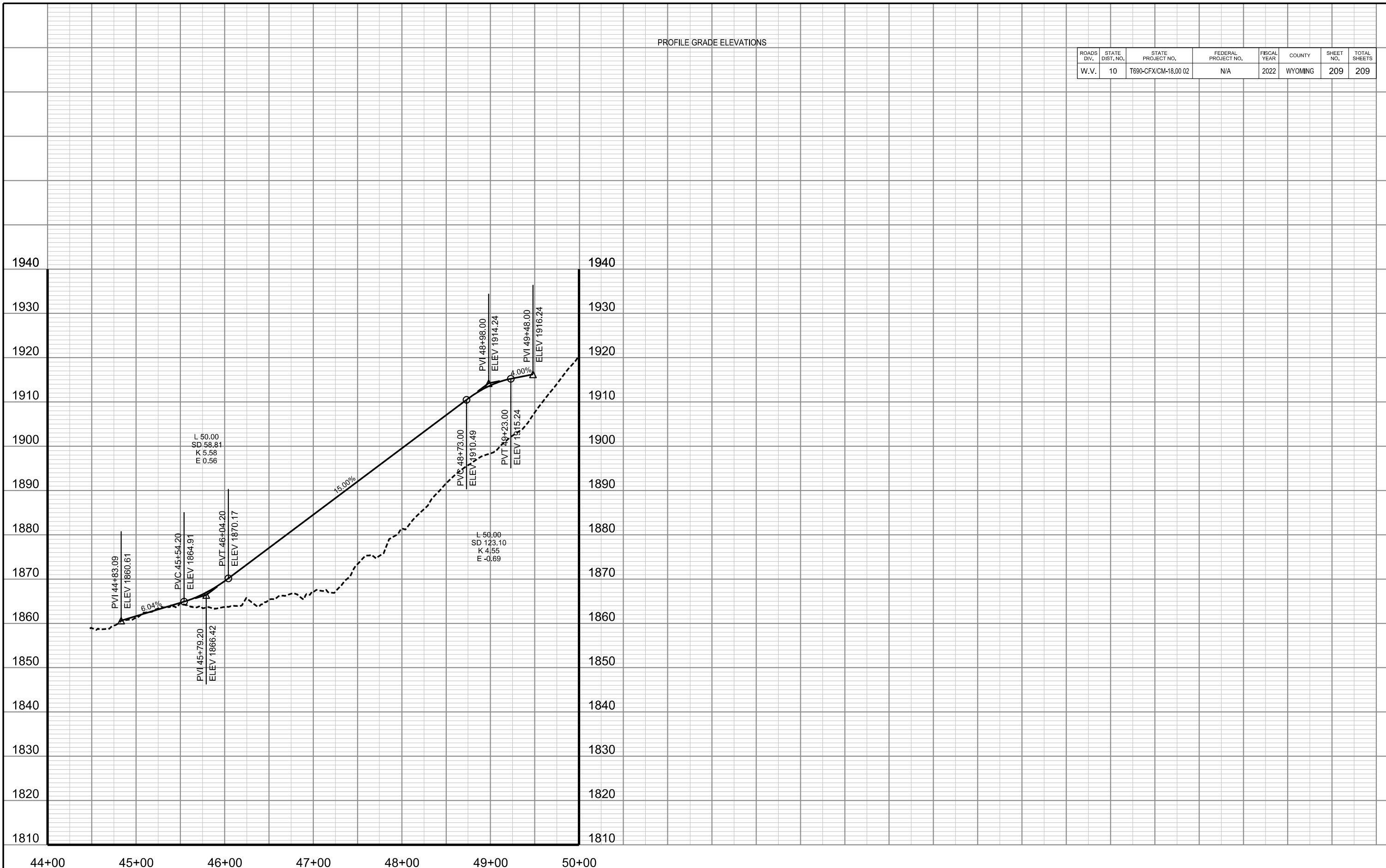
PROFILE SHEET

CABIN CREEK SOUTH ~ STA.

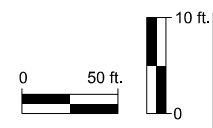
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PROFILE GRADE ELEVATIONS

ROADS DIV.	STATE DIST. NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
W.V.	10	T690-CFX/CM-18.00 02	N/A	2022	WYOMING	209	209



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REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROFILE SHEET
PARCEL 30 ACCESS ~ STA. 5361+50 LT

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