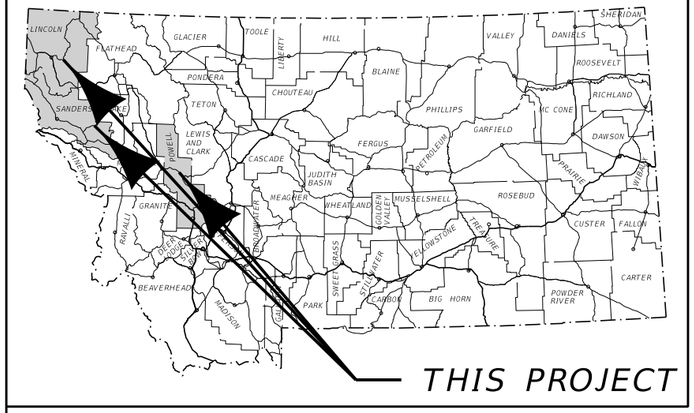
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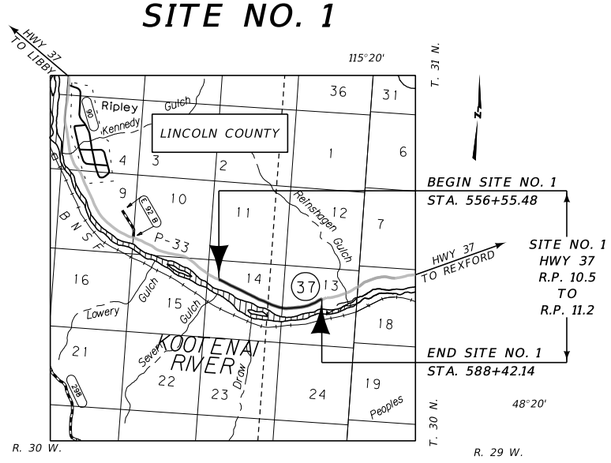
MONTANA DEPARTMENT OF TRANSPORTATION

FEDERAL AID PROJECT HSIP STWD(647)
ROADWAY & ROADSIDE SAFETY IMPROVEMENTS
SF 179 D1 SFTY SIGNS GUARDRAIL
LINCOLN, SANDERS, & POWELL COUNTY

SURFACING SOURCES - CONTRACTOR FURNISHED

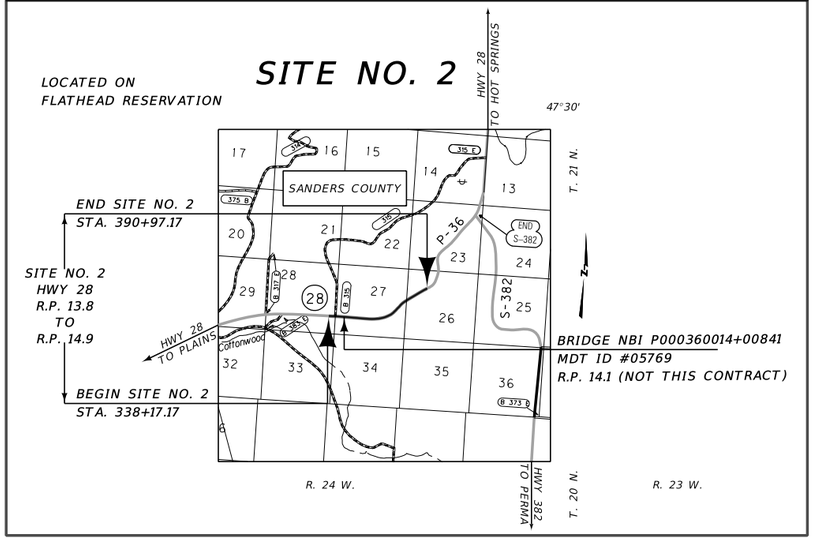
LENGTH N/A MILES

SITE NO. 1

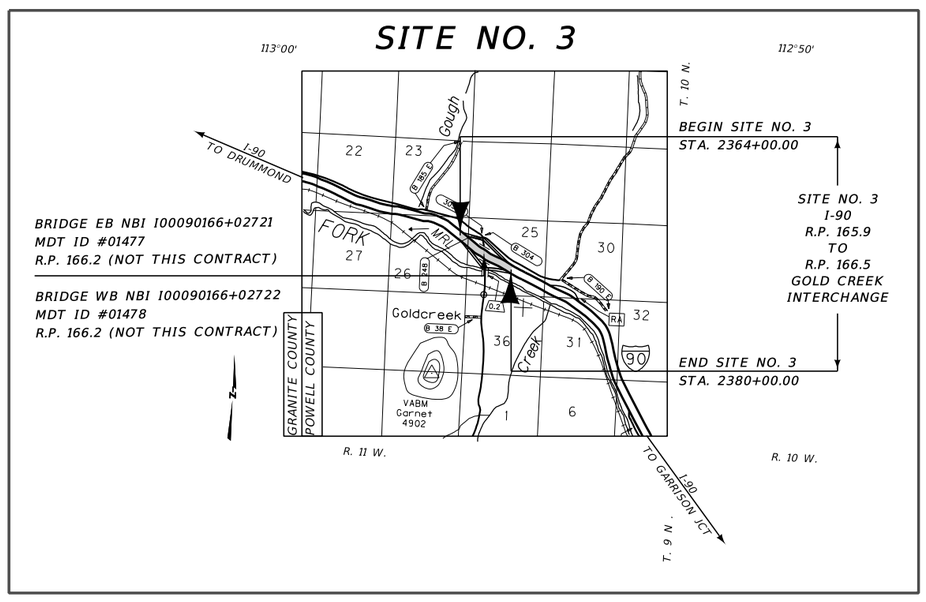


SITE NO. 2

LOCATED ON FLATHEAD RESERVATION



SITE NO. 3



ASSOCIATED PROJECT AGREEMENT NUMBERS	
R / W	
I.C.	
P. E.	HSIP-G STWD(646)

MONTANA DEPARTMENT OF TRANSPORTATION

MALCOLM "MACK" LONG
DIRECTOR OF TRANSPORTATION

APPROVED BY:

HIGHWAYS ENGINEER

MONTANA PROFESSIONAL ENGINEER LICENSED DAMIAN KRINGS 12113PE

DocuSigned by:
Damian Krings
1C71361CE866454...

3/8/2021
DATE

3	MDT	MONTANA DEPARTMENT OF TRANSPORTATION	C:\DGN\9635000rdtl001.dgn	DESIGNED BY D. KRAUSE	12/14/2020	ROAD PLANS
2			1/27/2021	REVIEWED BY		UPN 9635000
			7:58:26 AM CPS - U3829	CHECKED BY		

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CROSS SECTIONS	
MAINLINE SITE NO. 2	1-22

NOTES

BASIS OF PLAN QUANTITIES

(QUANTITIES FOR ESTIMATING PURPOSES ONLY)

COMP. AGGREGATE WEIGHT = 3700 LBS. PER CUBIC YARD

UTILITIES

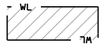
CALL THE UTILITIES UNDERGROUND LOCATION CENTER (811) OR OTHER NOTIFICATION SYSTEM FOR THE MARKING AND LOCATION OF ALL LINES AND SERVICES BEFORE EXCAVATING. ALL CLEARANCES OR DEPTHS PROVIDED FOR UTILITIES ARE FROM EXISTING GROUND LINE.

PUBLIC LAND SURVEY MONUMENTS

ALL MONUMENTS TO BE REMOVED AND RELOCATED OR RESET BY STATE FORCES.

WETLANDS

WETLANDS EXIST ADJACENT TO THE ROADWAY AND MAY EXIST BEYOND THE PROJECT LIMITS. WETLAND AREAS AND PERMANENT WETLAND IMPACT AREAS WITHIN THE PROJECT LIMITS HAVE BEEN DELINEATED AND ARE SHOWN ON THE PLANS. ANY ACTION IMPACTING WETLAND AREAS OUTSIDE OF THE PERMANENT IMPACT AREAS SHOWN IS THE RESPONSIBILITY OF THE CONTRACTOR.



DELINEATED WETLAND AREAS



PERMANENT WETLAND IMPACTED AREAS

SITE NO.2				
LENGTH OF ROADWAY	IN SANDERS COUNTY	2 LANE RURAL	3,485.05	FT.
LENGTH OF BRIDGE	IN SANDERS COUNTY	2 LANE RURAL	12.00	FT.
TOTAL LENGTH OF	SITE NO. 2	2 LANE RURAL	3,497.05	FT.

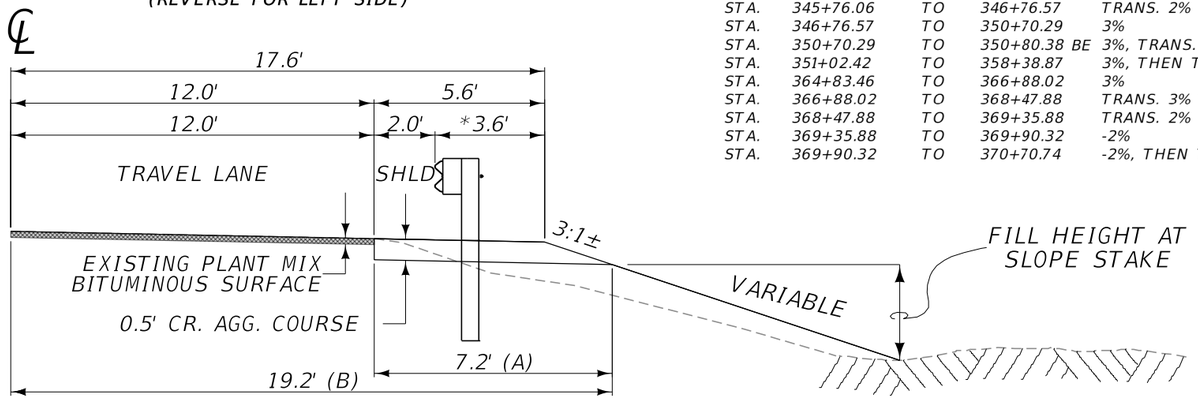
WETLAND DELINEATION TABLE SITE #2

WETLAND DESIGNATION	STATION FROM	STATION TO	WETLAND AREA (acres) DELINEATED AREA	WETLAND AREA (acres) PERMANENT IMPACTED AREA	REMARKS
W1	362+63	368+06	0.647		LT.
W2	365+38	376+07	1.091	0.077	RT.
W3	369+11	375+03	0.783		LT.
TOTAL			2.52	0.08	

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TYPICAL SECTION NO. 1

SITE NO. 2
MAINLINE
(REVERSE FOR LEFT SIDE)



CROSS SLOPE VARIES SEE STATIONS

TYPICAL NO. 1 LEFT

STA.	368+64.30	TO	369+14.30	-2%, THEN TYP. NO. 2
STA.	374+77.31	TO	377+42.12	-2%
STA.	377+42.12	TO	378+30.12	TRANS. -2% TO 2%
STA.	378+30.12	TO	379+00.00	TRANS. 2% TO 3%, THEN TYP. NO. 2

* TYPICAL NO. 1 LEFT, VARIABLE SHOULDER WIDTH

STA.	368+64.30	TO	369+14.30
STA.	374+77.31	TO	375+00.00

TYPICAL NO. 1 RIGHT

STA.	345+76.06			ONLY, 2%
STA.	345+76.06	TO	346+76.57	TRANS. 2% TO 3%
STA.	346+76.57	TO	350+70.29	3%
STA.	350+70.29	TO	350+80.38 BE	3%, TRANS. TYP. NO. 1 TO TYP. NO. 2
STA.	351+02.42	TO	358+38.87	3%, THEN TYP. NO. 2
STA.	364+83.46	TO	366+88.02	3%
STA.	366+88.02	TO	368+47.88	TRANS. 3% TO 2%
STA.	368+47.88	TO	369+35.88	TRANS. 2% TO -2%
STA.	369+35.88	TO	369+90.32	-2%
STA.	369+90.32	TO	370+70.74	-2%, THEN TYP. NO. 2

* TYPICAL NO. 1 RIGHT, VARIABLE SHOULDER WIDTH

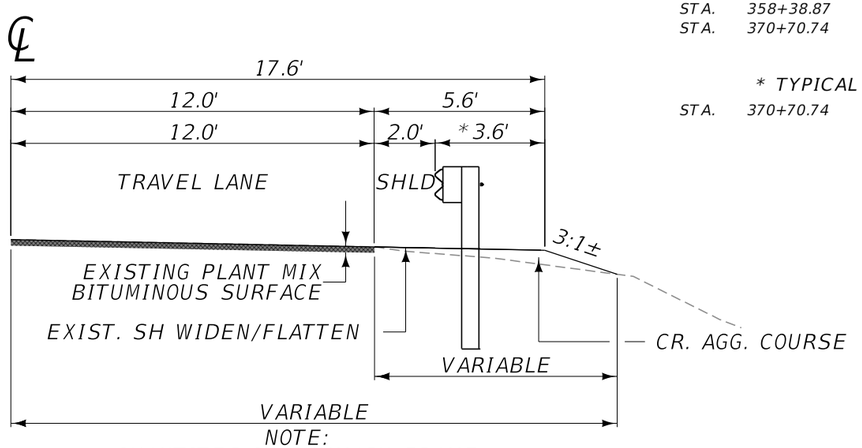
STA.	350+00.00	TO	352+00.00
STA.	369+50.00	TO	370+70.74

QUANTITIES	
UNIT	AGGREGATE
	CR. AGG. COURSE
AREA square feet	3.20
cubic yards PER STATION	11.9
tons PER STATION	
square yards PER STATION	

	WIDTHS (FT)	
SUPER %	(A)	(B)
2%	7.2'	19.2'
3%	7.2'	19.2'
-3%	7.1'	19.1'

TYPICAL SECTION NO. 2

SITE NO. 2
MAINLINE
(REVERSE FOR LEFT SIDE)



NOTE:
QUANTITES IN SUMMARY FRAME
CALCULATED IN MICROSTATION

TYPICAL NO. 2 LEFT

STA.	344+51.20	TO	345+56.63	-2%
STA.	345+56.63	TO	346+76.57	TRANS. -2% TO -3%
STA.	346+76.57	TO	350+80.38 BE	-3%
STA.	350+92.38 BE	TO	366+88.02	-3%
STA.	366+88.02	TO	368+15.12	TRANS. -3% TO -2%
STA.	368+15.12			ONLY, -2%
STA.	369+14.30	TO	374+77.31	-2%, THEN TYP. NO. 1
STA.	379+00.00	TO	379+97.43	3%

* TYPICAL NO. 2 LEFT, VARIABLE SHOULDER WIDTH

STA.	350+00.00	TO	352+00.00
STA.	364+61.46	TO	366+50.00
STA.	368+51.87	TO	368+64.30
STA.	369+14.32	TO	374+77.31

TYPICAL NO. 2 RIGHT

STA.	350+80.38 BE			ONLY
STA.	350+92.38 BE	TO	351+02.42	3%, TRANS. TYP. NO. 2 TO TYP. NO. 1
STA.	358+38.87	TO	364+34.30	3%
STA.	370+70.74	TO	377+22.82	-2%

* TYPICAL NO. 2 RIGHT, VARIABLE SHOULDER WIDTH

STA.	370+70.74	TO	374+00.00

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SUMMARY

SURFACING

STATION FROM	STATION TO	linear feet GROSS	linear feet NET	linear feet +	linear feet -	FOR	AGGREGATE cubic yards CRUSHED AGG. COURSE	AGGREGATE cubic yards SHOULDER GRAVEL	REMARKS
SITE NO. 1									
556+55.48	557+02.38	46.90	46.90					5	RT.
SUBTOTAL SITE NO. 1		46.90	46.90					5	
SITE NO. 2									
LEFT									
344+51.20									
350+80.38 BE	350+92.38 BE	12.00			12.00	BRIDGE			
	368+15.12	2,363.92	2,351.92				285		TYP. NO. 2
368+15.12	368+64.30	49.18			49.18	APPROACH			
368+64.30	369+14.30	50.00	50.00				6		TYP. NO. 1
369+14.30	374+77.31	563.01	563.01				67		TYP. NO. 2
374+77.31	379+00.00	422.69	422.69				50		TYP. NO. 1
379+00.00	379+97.43	97.43	97.43				6		TYP. NO. 2
SUBTOTAL LEFT SITE NO. 2		3,546.23	3,485.05		61.18		414		
SITE NO. 2									
RIGHT									
345+76.06	350+70.29	494.23	494.23				59		TYP. NO. 1
350+70.29	350+80.38 BE	10.09	10.09				5		TRANS. TYP. NO. 1 TO TYP. NO. 2
350+80.38 BE	350+92.38 BE	12.00			12.00	BRIDGE			
350+92.38 BE	351+02.42	10.04	10.04				5		TRANS. TYP. NO. 2 TO TYP. NO. 1
351+02.42	358+38.87	736.45	736.45				88		TYP. NO. 1
358+38.87	364+34.30	595.43	595.43				71		TYP. NO. 2
364+34.30	364+83.46	49.16			49.16	APPROACH			
364+83.46	370+70.74	587.28	587.28				70		TYP. NO. 1
370+70.74	377+22.82	652.08	652.08				78		TYP. NO. 2
SUBTOTAL RIGHT SITE NO. 2		3,146.76	3,085.60		61.16		376		
						ADDITIONAL SURFACING	95		
PROJECT TOTAL		~	~		~		885	5	

GRADING

STATION FROM	STATION TO	cubic yards EXC.	cubic yards EMB. IN PLACE	REMARKS
SITE NO. 2				
345+76	358+39	45	1,925	RT.
364+83	370+71	50	715	RT.
368+64	369+14	10	15	LT.
374+77	379+51	20	70	LT.
			640	TOPSOIL REPLACEMENT
TOTAL		# 125	3,365	

FOR INFORMATION ONLY

PAVEMENT MARKINGS

ITEM	UNIT	INTERIM APPLICATION	FINAL APPLICATION	TOTAL
SITE NO. 2				
STRIPING - WHITE PAINT	gallon	27		27
STRIPING - YELLOW PAINT	gallon	27		27
STRIPING - WHITE EPOXY	gallon		34	34
STRIPING - YELLOW EPOXY	gallon		34	34

ADDITIONAL SURFACING (INCLUDED IN SURFACING FRAME)

STATION FROM	STATION TO	linear feet GROSS	linear feet NET	linear feet +	linear feet -	FOR	AGGREGATE cubic yards CRUSHED AGG. COURSE	AGGREGATE cubic yards SHOULDER GRAVEL	REMARKS
SITE NO. 2									
LEFT									
368+15.12	368+30.96					APPROACH LT.	25		
368+48.26	368+64.30					APPROACH LT.	10		
379+51.39	379+97.43					APPROACH LT.	20		
RIGHT									
345+56.14	345+76.06					APPROACH RT.	10		
364+34.30	364+52.14					APPROACH RT.	15		
364+62.03	364+83.46					APPROACH RT.	10		
377+22.82	377+43.01					APPROACH RT.	5		
TOTAL		~	~	~	~		95	~	

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SUMMARY

GUARDRAIL

STATION		linear feet										each						REMARKS
		REMOVE GUARDRAIL		MGS GUARDRAIL		MGS GUARDRAIL LONG POSTS		MGS GUARDRAIL LONG POSTS LONG SPAN		MGS INTERSECTING ROADWAY TERMINAL SECTIONS		MASH W-BEAM TERMINAL SECTIONS		MGS ONE-WAY DEPARTURE TERMINAL SECTIONS		BRIDGE APPROACH SECTION TYPE 1		
FROM	TO	LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT	
SITE NO. 1																		
NEW RAIL																		
556+55.48	588+27.58				3,100.0								1					#
REMOVE RAIL																		
587+52.58	588+27.58		75.0															
SUBTOTAL SITE NO. 1		~	75.0	~	3,100.0	~	~	~	~	~	~	~	1	~	~	~	~	
SITE NO. 2																		
NEW RAIL																		
344+88.84	349+28.84			387.5								1						
349+28.84	350+55.54					125.0												
350+55.54	351+17.54							62.5										OMIT 3 POSTS, SPAN BRIDGE
351+17.54	352+80.34					162.5												
352+80.34	364+86.34			1,200.0														
364+86.34	366+37.34					150.0												
366+37.34	368+30.96			175.0						50.0								16' RADIUS
345+56.14	350+55.54				487.5						50.0							16' RADIUS
350+55.54	351+17.54								62.5									OMIT 3 POSTS, SPAN BRIDGE
351+17.54	364+52.14				1,325.0						50.0							16' RADIUS
364+62.03	369+80.03				500.0						50.0							16' RADIUS
369+80.03	373+80.03						* 400.0											
373+80.03	377+43.01				337.5						62.5							24' RADIUS
368+48.26	374+89.26					* 625.0				50.0								16' RADIUS
374+89.26	379+97.43			525.0										1				10:1 SH GRADE CHANGE, 40' RADIUS 62.5' -SHOP BENT RAIL
REMOVE RAIL																		
350+80.40	350+92.90	12.5	12.5															
SUBTOTAL SITE NO. 2		12.5	12.5	2,287.5	2,650.0	1,062.5	400.0	62.5	62.5	100.0	212.5	1	~	1	~	~	~	
SITE NO. 3																		
NEW RAIL																		
2366+14.57	2370+64.57 BE			412.5										1		1		WB DL
2370+14.55	2370+64.55 BE													1		1		WB PL
2372+94.60 BE	2373+44.60														1		1	EB PL
2372+94.60 BE	2377+94.60				462.5										1		1	EB DL
SUBTOTAL SITE NO. 3		~	~	412.5	462.5	~	~	~	~	~	~	~	~	2	2	2	2	
PROJECT SUBTOTAL		12.5	87.5	2,700.0	6,212.5	1,062.5	400.0	62.5	62.5	100.0	212.5	1	1	3	2	2	2	
PROJECT TOTAL		100.0		8,912.5		1,462.5		125.0		312.5		2		5		4		

INCLUDES MGS TO METAL GUARDRAIL TRANSITION

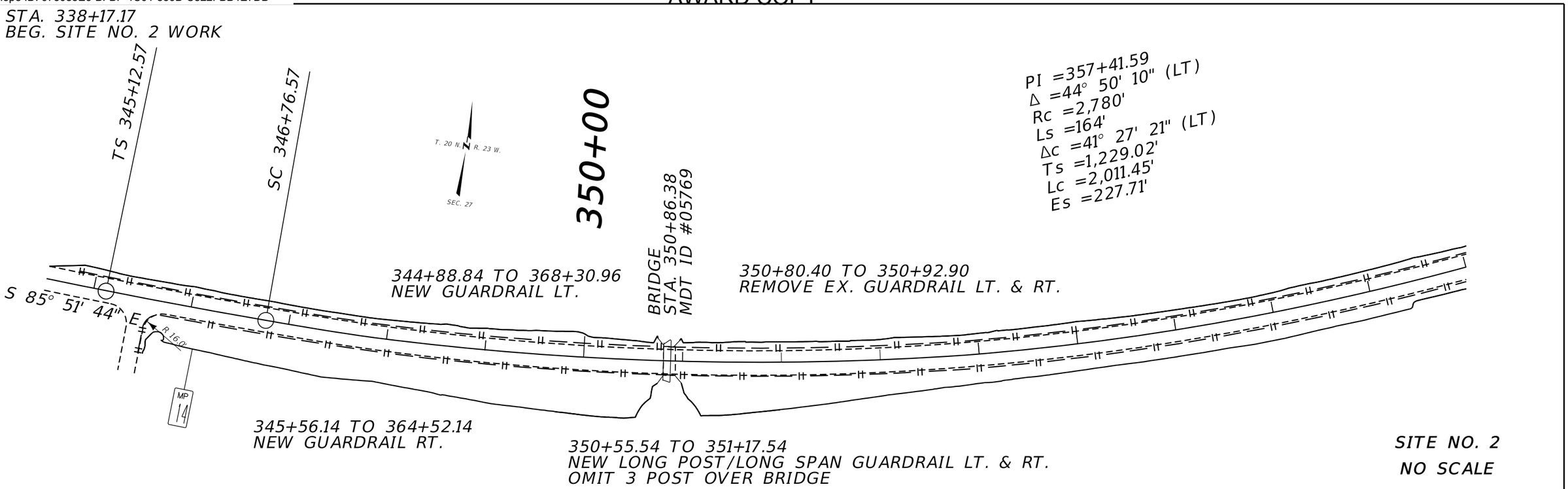
* LONG POST SECTIONS REQUIRE STEEL POST PLACEMENT

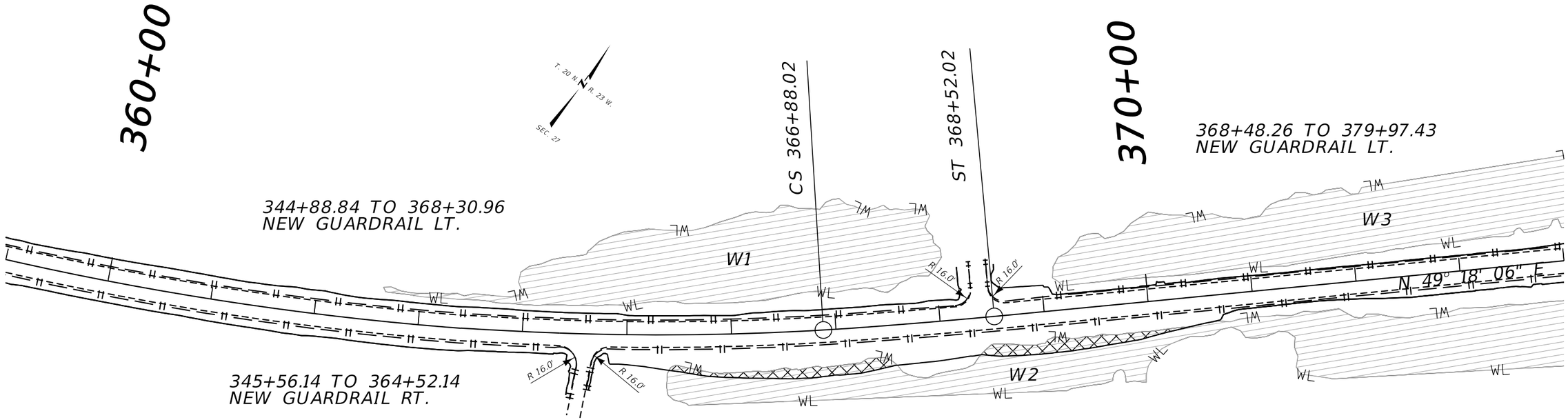
REVEGETATION SITE NO. 2

STATION		lump sum	cubic yards #	acres #			REMARKS
		REVEGETATION	TOPSOIL SALVAGING & PLACING	SEED	FERTILIZER	CONDITION SEEDBED	
FROM	TO						
344+51	368+31		200	0.37	0.37	0.37	LT.
345+56	364+52		255	0.48	0.48	0.48	RT.
364+62	377+43		100	0.18	0.18	0.18	RT.
368+48	379+97		85	0.16	0.16	0.16	LT.
TOTAL		1	~	~	~	~	

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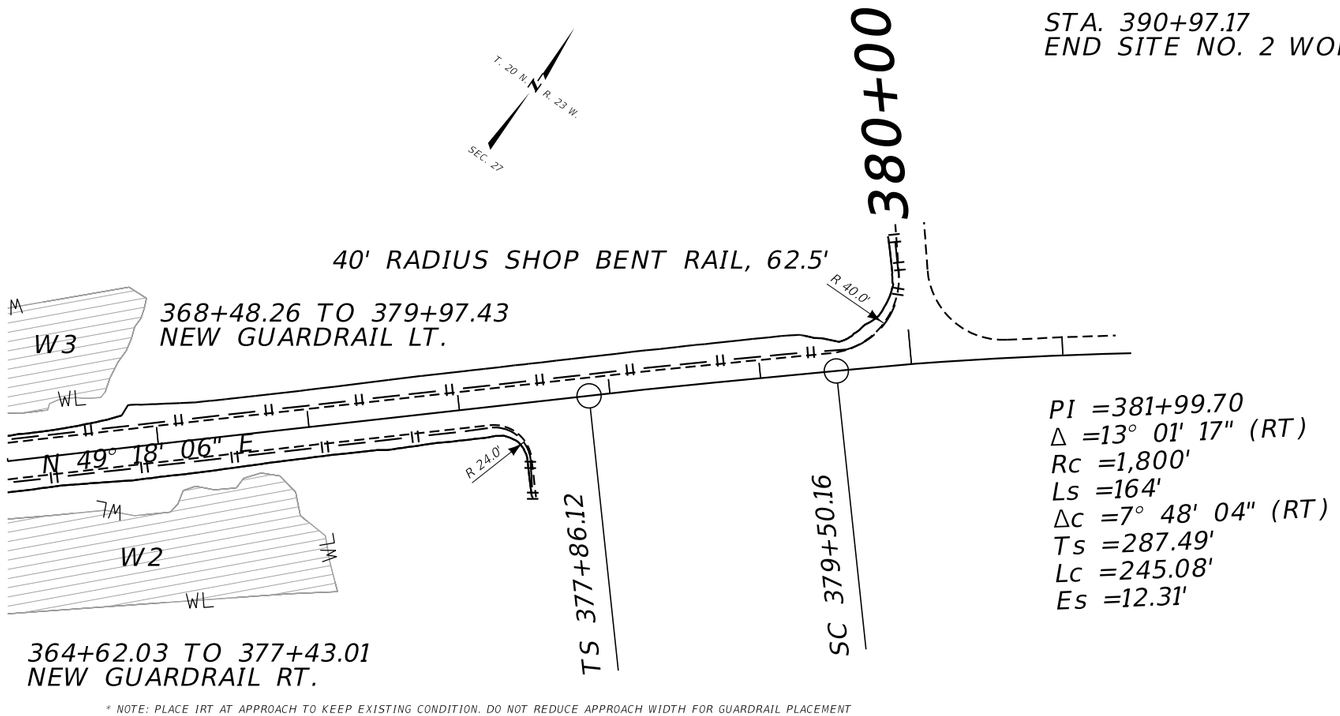
DELINEATED WETLAND AREAS

PERMANENT WETLAND IMPACTED AREAS = 0.1 ACRE

* NOTE: PLACE IRT AT APPROACH TO KEEP EXISTING CONDITION. DO NOT REDUCE APPROACH WIDTH FOR GUARDRAIL PLACEMENT

3	MDT	MONTANA DEPARTMENT OF TRANSPORTATION	C:\DGN\9635000rdpln002.dgn	DESIGNED BY D. KRAUSE	12/14/2020	ROAD PLANS	SF 179 D1 SFTY SIGNS GUARDRAIL / HSIP STWD (647)
2			1/27/2021	REVIEWED BY		LINCOLN, SANDERS, & POWELL COUNTIES	UPN 9635000 / 06
			7:59:25 AM CPS - U3829	CHECKED BY			

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* NOTE: PLACE IRT AT APPROACH TO KEEP EXISTING CONDITION. DO NOT REDUCE APPROACH WIDTH FOR GUARDRAIL PLACEMENT

3	MDT MONTANA DEPARTMENT OF TRANSPORTATION	C:\DGN\9635000rdpln002.dgn	DESIGNED BY	D. KRAUSE	12/14/2020	ROAD PLANS	SF 179 D1 SFTY SIGNS GUARDRAIL	HSIP STWD (647)
		1/27/2021	REVIEWED BY					
1		7:59:29 AM CPS - U3829	CHECKED BY			LINCOLN, SANDERS, & POWELL COUNTIES	UPN 9635000	07

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SUMMARY
SIGNING & DELINEATION QUANTITIES

MATERIAL	Site #1 Hwy. 37 P-33	SITE #2 Hwy 28 P-36	SITE #3 Inter. 90 I-90	TOTAL	UNIT
SIGNS-ALUM REFL SHEET IV	3.8	3.8		7.6	SQ. FOOT
SIGNS-ALUM REFL SHEET XI		31.5		31.5	SQ. FOOT
SIGNS-ALUM SHEET INCR IV					SQ. FOOT
SIGNS-ALUM SHEET INCR XI					SQ. FOOT
OVERLAY-SHEET ALUMINUM					SQ. FOOT
POSTS-STEEL U SIGN	20	20		40	POUNDS
POLES-TREATED WOOD 4 IN		70		70	LINEAR FT.
POLES-TREATED WOOD 5 IN					LINEAR FT.
POLES-TREATED TIMBER-CLASS 4					LINEAR FT.
POLES-TREATED TIMBER-CLASS 3					LINEAR FT.
POSTS-TUBULAR STEEL					POUNDS
POSTS-TUBULAR STEEL-SQ-PERF					POUNDS
POSTS-STEEL STRUCTURAL SIGN					POUNDS
OVERHEAD STR/METAL-CANTILEVER					EACH
OVERHEAD STR/METAL-BRIDGE					EACH
HIGHWAY TRAFFIC STRIPING-WHITE					GAL.(S)
HIGHWAY TRAFFIC STRIPING-YELLOW					GAL.(S)
WORDS & SYMBOLS					GAL.(S)
DELINEATOR DES A	36	55	4	95	EACH
DELINEATOR DES B					EACH
DELINEATOR DES C					EACH
DELINEATOR DES D					EACH
DELINEATOR DES E					EACH
DELINEATOR DES F					EACH
DELINEATOR DES G					EACH
DELINEATOR DES H					EACH
REMOVE SIGNS	1	6		7	EACH
REMOVE SIGNS-GUIDE					EACH
RESET SIGNS					EACH
RESET SIGNS-GUIDE					EACH
FRANG SIGN POST BKWY-					EACH
FRANG SIGN POST BKWY-					EACH
LINEAR DELINEATION - WHITE					EACH
LINEAR DELINEATION - YELLOW					EACH
SQ TUBLR SLIP BASE BKWY-3 IN					EACH

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SIGN LOCATION AND SPECIFICATIONS

REF. POST STATION	RAMP NO.	SIGN NO.	PANEL SIZE	REFL SHTG TYPE: BACK-GROUND	REFL SHTG TYPE: LEGEND	FEET: CLEARANCE	FEET: SIGN SUPPORT SPACING	TYPE OF SUPPORT	CANTILEVER	FEET: SUPPORT LENGTH (ESTIMATED)	FEET: SUPPORT LENGTH (INSTALLED)	FEET: MOUNTING HEIGHT	FEET: FOUNDATION DEPTH	SIGN PANEL (SQ. FT.): SHEET ALUMINUM	SIGN PANEL (SQ. FT.): ALUMINUM SHEET INCREMENT	SIGN PANEL (SQ. FT.): ALUMINUM SHEET OVERLAY	TIMBER POLE (LINEAR FT.): 4" TOP DIA.	TIMBER POLE (LINEAR FT.): 5" TOP DIA.	STEEL POST(LBS.): ROUND TUBULAR	STEEL POST(LBS.): SQUARE TUBULAR	STEEL POST(LBS.): STRUCTURAL STEEL	STEEL POST(LBS.): "U" POST	BREAK AWAY	SIGNS/GUIDE: REMOVE	SIGNS/GUIDE: RESET	SIGNS/GUIDE: REMOVE	SIGNS/GUIDE: RESET	REMARKS
Ref. Post			**SITE #1** Hwy. 37 (P-33)																										
10.833 Rt.		White Cross (1)	By Others																										
11.000 Rt.		D10-2 (2)	10"x27"	IV	IV	2-0		2 lb/ft Stl-U		9'-9"		4-0	3-0	1.9 (IV) 1.9 (IV)								20		1					REPLACE M.P. 11  BEHIND GUARDRAIL
											TOTAL			3.8 (IV)								20		1					
Station			**SITE #2** Hwy 28 (P-36)																										
344+11 Rt.		W1-2L	30"x30"	XI		10-0		4" Dia. Wood		13'-4"		5-0	3-0	6.3 (XI)			14										FY	NEW 	
346+09 Rt.		D10-2 (2)	10"x27"	IV	IV	2-0		2 lb/ft Stl-U		9'-9"		4-0	3-0	1.9 (IV) 1.9 (IV)								20		1					M.P. 14  BEHIND GUARDRAIL
350+50 Rt.		OM-3R	REMOVE																					1					
350+50 Lt.		OM-3L	REMOVE																					1					
351+35 Rt.		OM-3L	REMOVE																					1					
351+35 Lt.		OM-3R	REMOVE																					1					
369+53 Lt.		W1-2R	30"x30"	XI		2-0		4" Dia. Wood		12'-8"		5-0	3-0	6.3 (XI)			14										FY	NEW  BEHIND GUARDRAIL
375+86 Rt.		W1-2R	30"x30"	XI		2-0		4" Dia. Wood		12'-8"		5-0	3-0	6.3 (XI)			14										FY	NEW  BEHIND GUARDRAIL
376+90 Rt.		W7-1b	30"x30"	XI		2-0		4" Dia. Wood		12'-8"		5-0	3-0	6.3 (XI)			14							1					6% Slope  BEHIND GUARDRAIL
387+00 Lt.		W1-2L	30"x30"	XI		10-0		4" Dia. Wood		13'-4"		5-0	3-0	6.3 (XI)			14										FY	NEW 
											TOTAL			3.8 (IV) 31.5 (XI)			70					20		6					
			SITE #3 Inter. 90 (I-90)																										
											TOTALS Sites 1 & 2			7.6 (IV) 31.5 (XI)			70					40		7					

FY = TYPE XI FLUORESCENT YELLOW SHEETING REQUIRED.

SITE #1

DELINEATION TABLE		
	DESIGN "A"	36
	DESIGN "B"	
	DESIGN "C"	
	DESIGN "D"	
	White Linear W-Beam	
	Yellow Linear W-Beam	

SITE #2

DELINEATION TABLE		
	DESIGN "A"	55
	DESIGN "B"	
	DESIGN "C"	
	DESIGN "D"	
	White Linear W-Beam	
	Yellow Linear W-Beam	

SITE #3

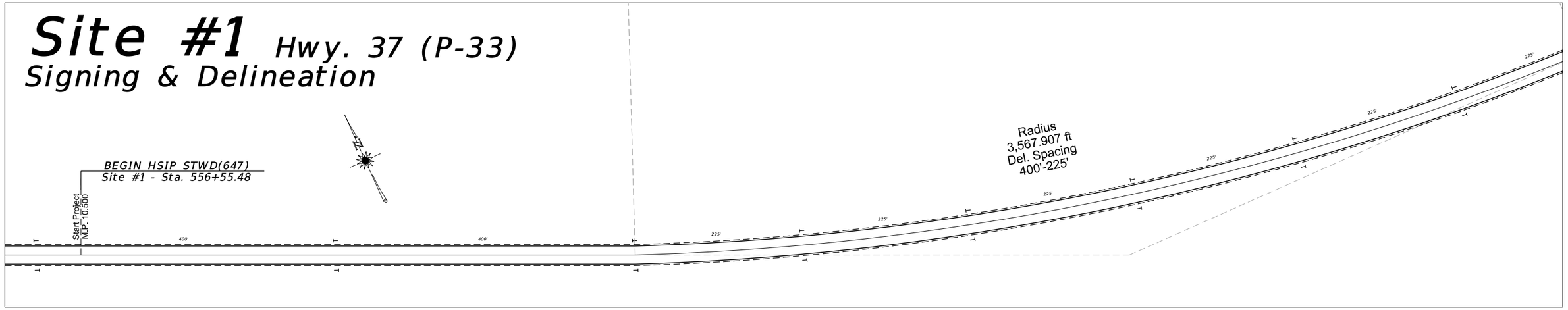
DELINEATION TABLE		
	DESIGN "A"	4
	DESIGN "B"	
	DESIGN "C"	
	DESIGN "D"	
	White Linear W-Beam	
	Yellow Linear W-Beam	

SITE #1: Type "A" Del. See Plan Sheets
SITE #2: Type "A" Del. See Plan Sheets
SITE #3: Type "A" Del. @ 400' Spacing

DocuSign Envelope ID: 673085E6-BFBF-4C01-859B-C822FBB4E7DB

AWARD COPY

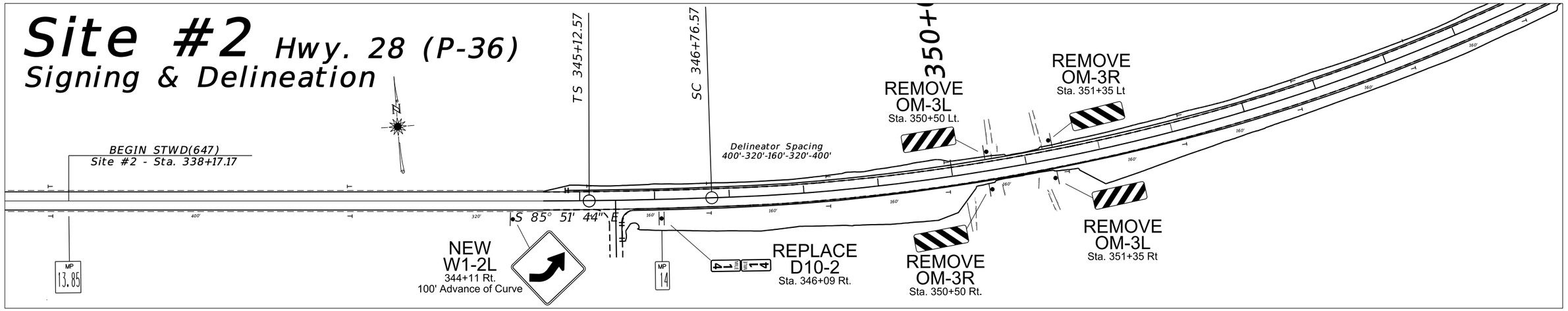
Site #1 Hwy. 37 (P-33)
Signing & Delineation

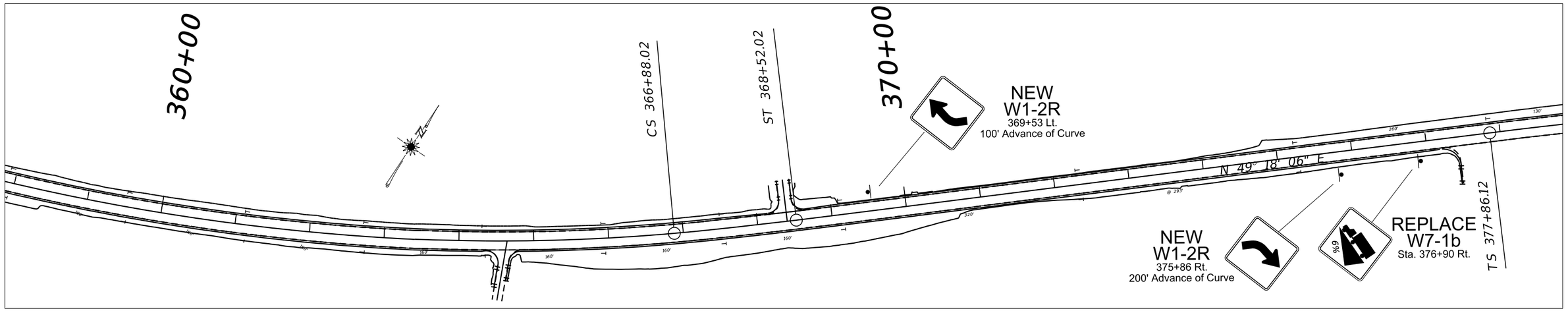


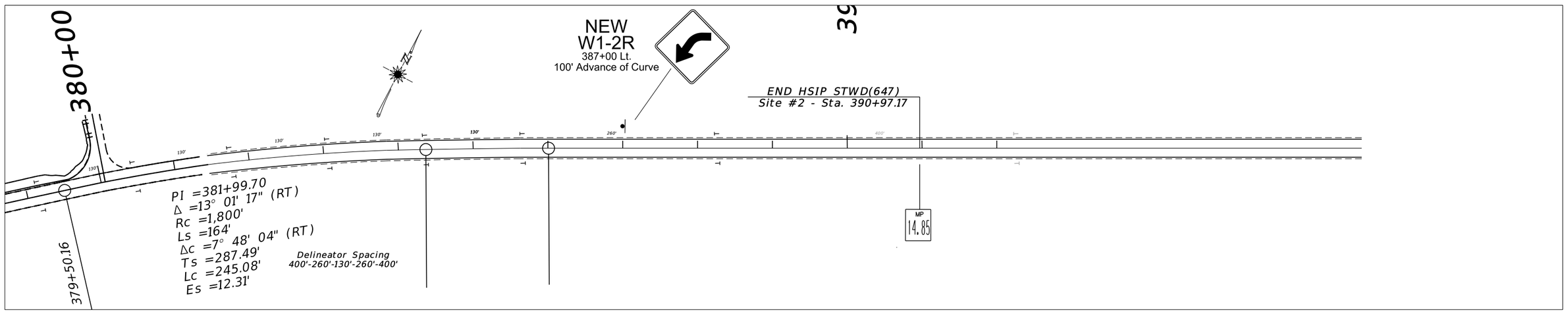
3	MDT MONTANA DEPARTMENT OF TRANSPORTATION	C:\DGN\9635000sipln001.dgn		Roger D Schroeder	04/2020	SIGNING PLANS		SF 179 D1 SFTY Signs Guardrail	HSIP STWD(647)
2		12/24/2020		Jim H. Cornell	05/2020				
1		1:58:04 PM CPS - U3825		Nick Tholt	11/2/2020	Lincoln/Sanders/Powell COUNTY		UPN #9635000	S3

DocuSign Envelope ID: 673085E6-BFBF-4C01-859B-C822FBB4E7DB

Site #2 Hwy. 28 (P-36)
Signing & Delineation







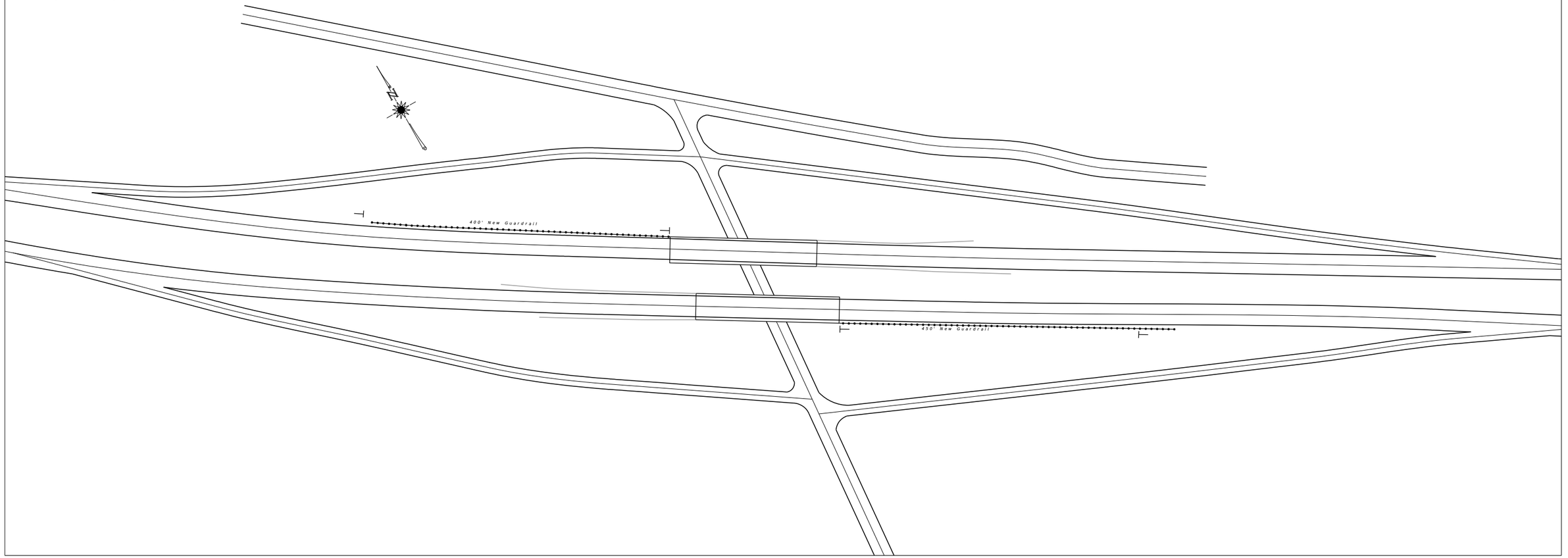
3	MDT MONTANA DEPARTMENT OF TRANSPORTATION	C:\DGN\9635000sipln001.dgn		Roger D Schroeder	04/2020	SIGNING PLANS	SF 179 D1 SFTY Signs Guardrail	HSIP STWD(647)
2		12/24/2020		Jim H. Cornell	05/2020			
1		1:58:07 PM CPS - U3825		Nick Tholt	11/2/2020	Lincoln/Sanders/Powell COUNTY	UPN #9635000	S4

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Site #3 Inter. 90 (I-90)

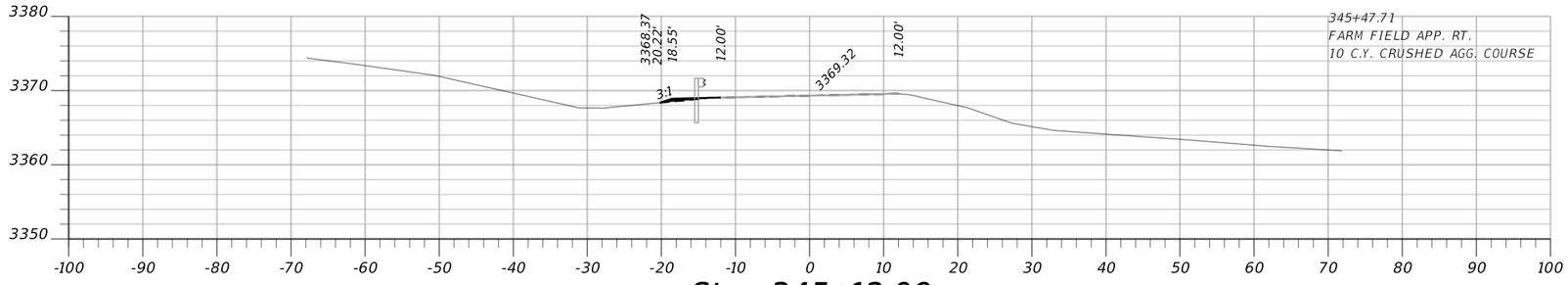
Delineation



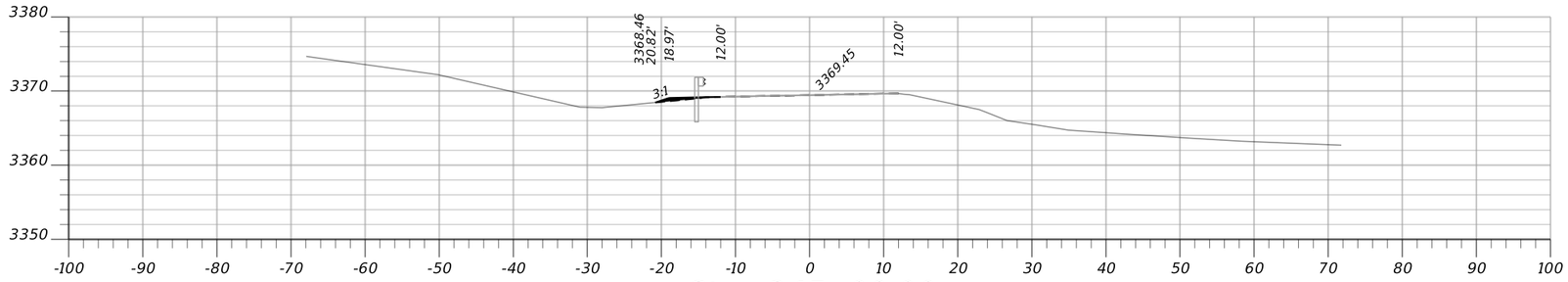
3	MDT MONTANA DEPARTMENT OF TRANSPORTATION	C:\DGN\9635000sipln001.dgn		Roger D Schroeder	04/2020	SIGNING PLANS	SF 179 D1 SFTY Signs Guardrail	HSIP STWD(647)
2		12/24/2020		Jim H. Cornell	05/2020			
1		1:58:11 PM CPS - U3825		Nick Tholt	11/2/2020	Lincoln/Sanders/Powell COUNTY	UPN #9635000	S5

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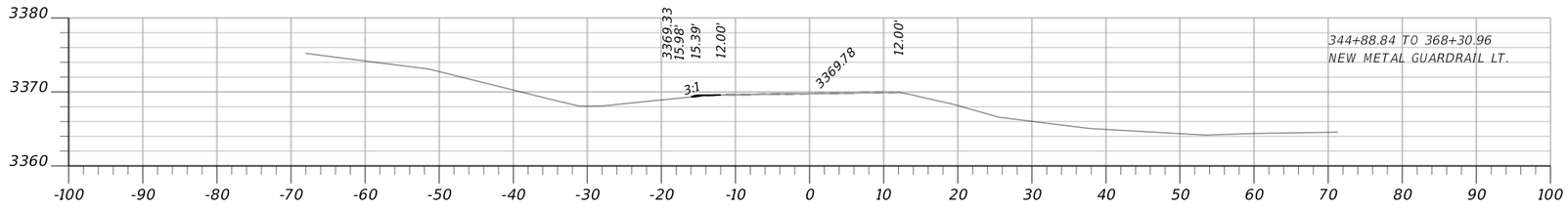
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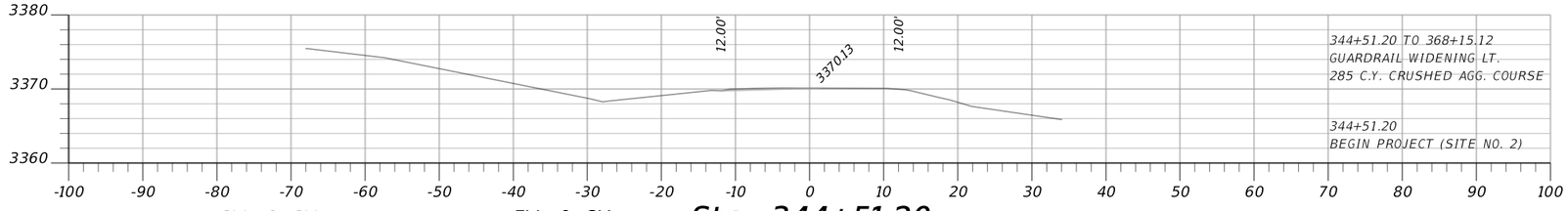
CV: 0 CY FV: 0 CY **Sta. 345+12.09**



CV: 0 CY FV: 0 CY **Sta. 345+00.00**



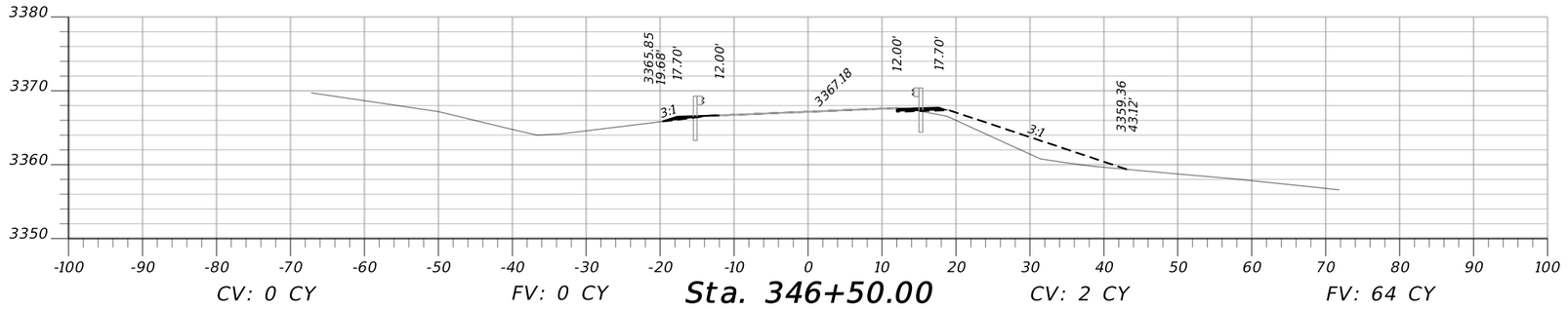
CV: 0 CY FV: 0 CY **Sta. 344+68.30**



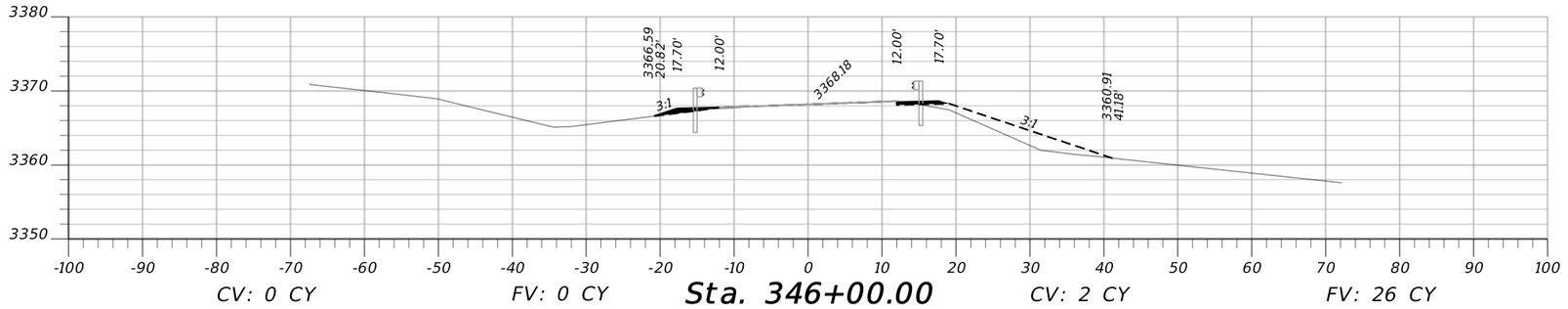
CV: 0 CY FV: 0 CY **Sta. 344+51.20**

MDT MONTANA DEPARTMENT OF TRANSPORTATION	C:\DGN\9635000rdlay002.dgn	DESIGNED BY	D. KRAUSE	12/10/2020	MAINLINE CROSS SECTIONS	SF 179 D1 SFTY SIGNS GUARDRAIL	HSIP STWD (647)
	12/24/2020	REVIEWED BY					
	1:58:08 PM CPS – U3825	CHECKED BY			LINCOLN, SANDERS, & POWELL COUNTY	UPN 9635000	1

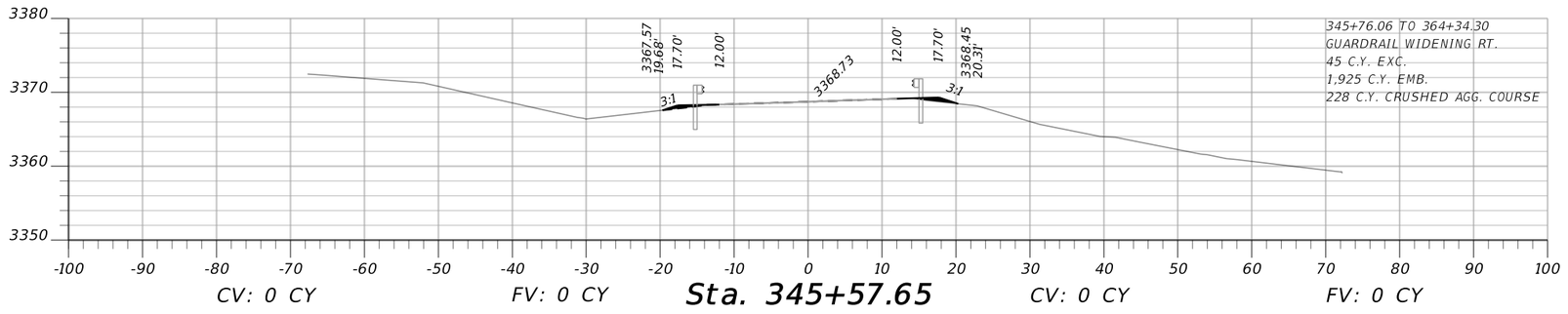
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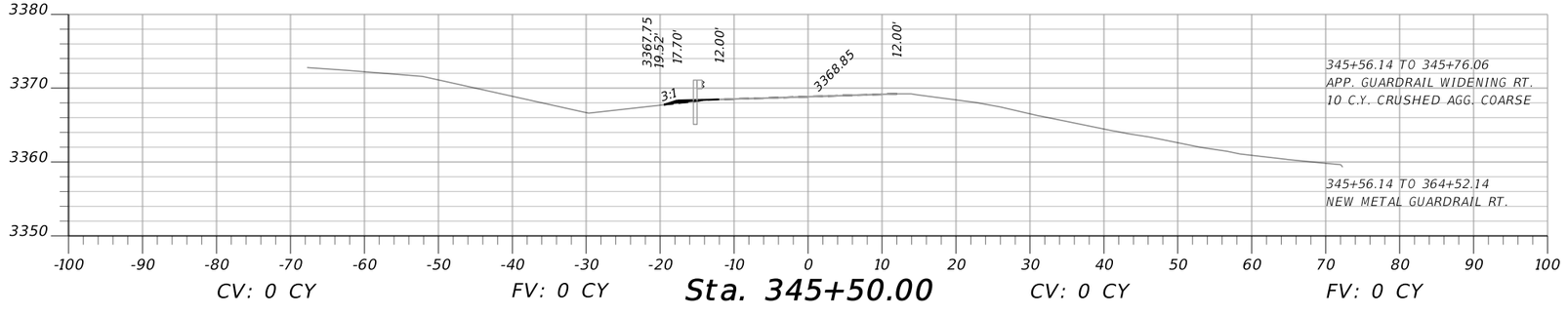
CV: 0 CY FV: 0 CY **Sta. 346+50.00** CV: 2 CY FV: 64 CY



CV: 0 CY FV: 0 CY **Sta. 346+00.00** CV: 2 CY FV: 26 CY



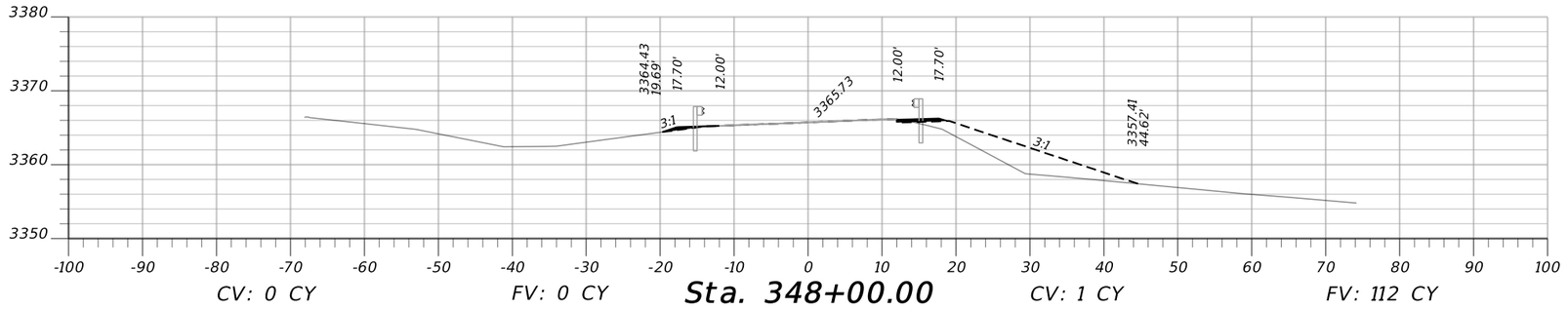
CV: 0 CY FV: 0 CY **Sta. 345+57.65** CV: 0 CY FV: 0 CY



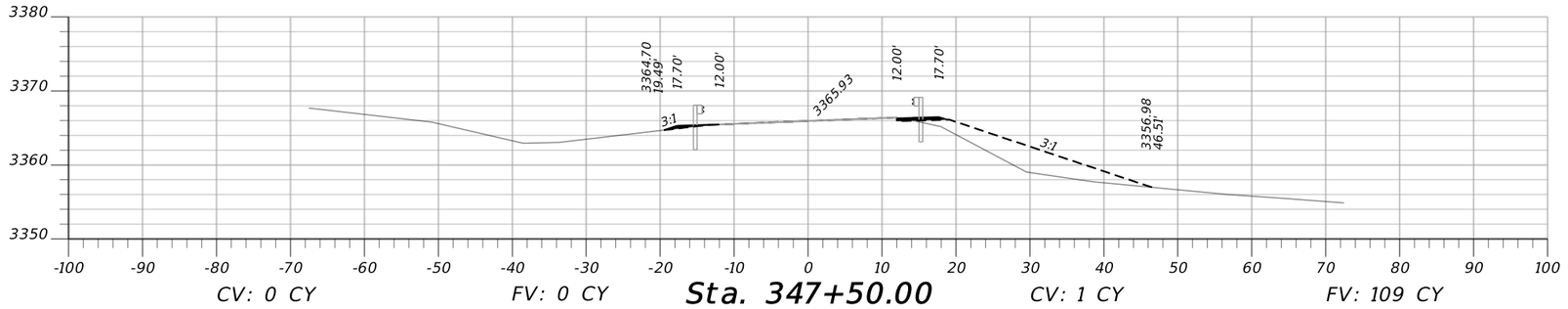
CV: 0 CY FV: 0 CY **Sta. 345+50.00** CV: 0 CY FV: 0 CY

MDT MONTANA DEPARTMENT OF TRANSPORTATION	C:\DGN\9635000rdlay002.dgn	DESIGNED BY D. KRAUSE	12/10/2020	MAINLINE CROSS SECTIONS		SF 179 D1 SFTY SIGNS GUARDRAIL / HSIP STWD (647)
	12/24/2020	REVIEWED BY		LINCOLN, SANDERS, & POWELL COUNTY		UPN 9635000 / 2
	1:58:14 PM CPS – U3825	CHECKED BY				

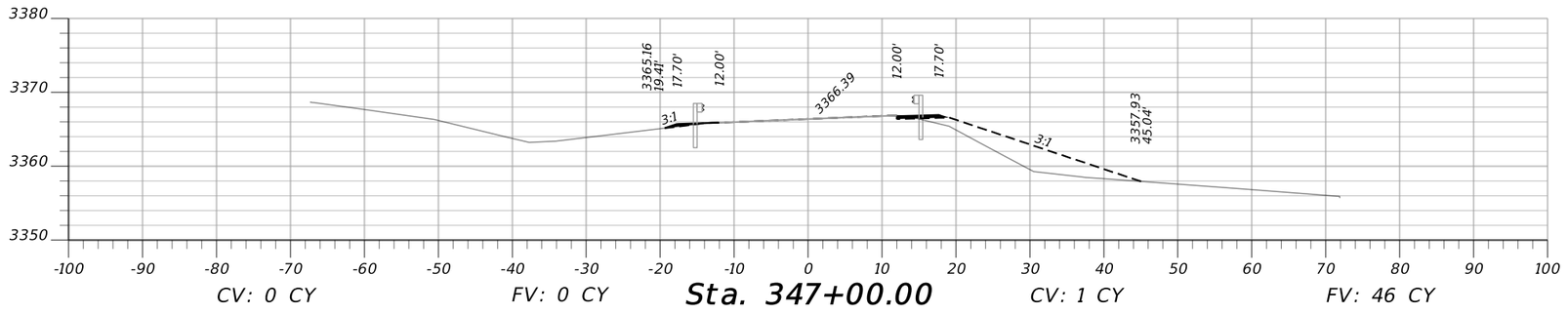
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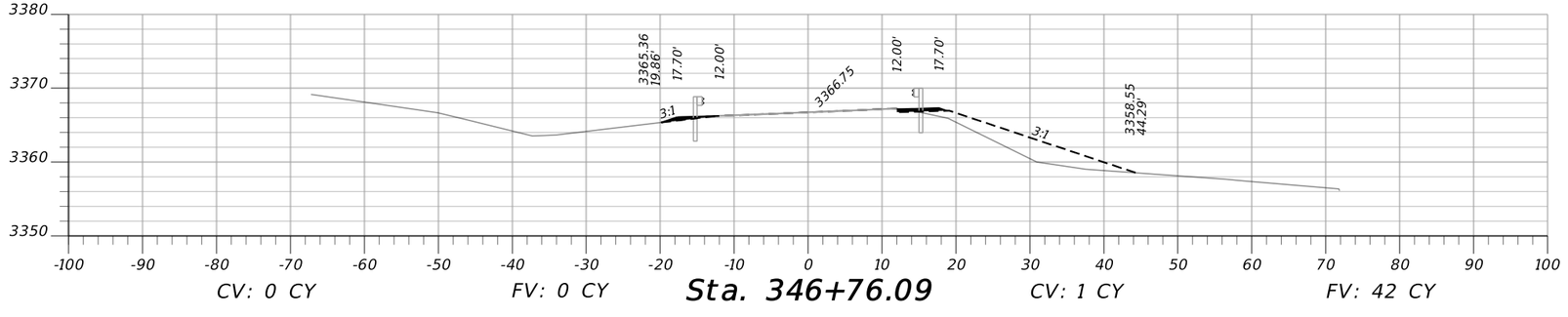
CV: 0 CY FV: 0 CY **Sta. 348+00.00** CV: 1 CY FV: 112 CY



CV: 0 CY FV: 0 CY **Sta. 347+50.00** CV: 1 CY FV: 109 CY



CV: 0 CY FV: 0 CY **Sta. 347+00.00** CV: 1 CY FV: 46 CY

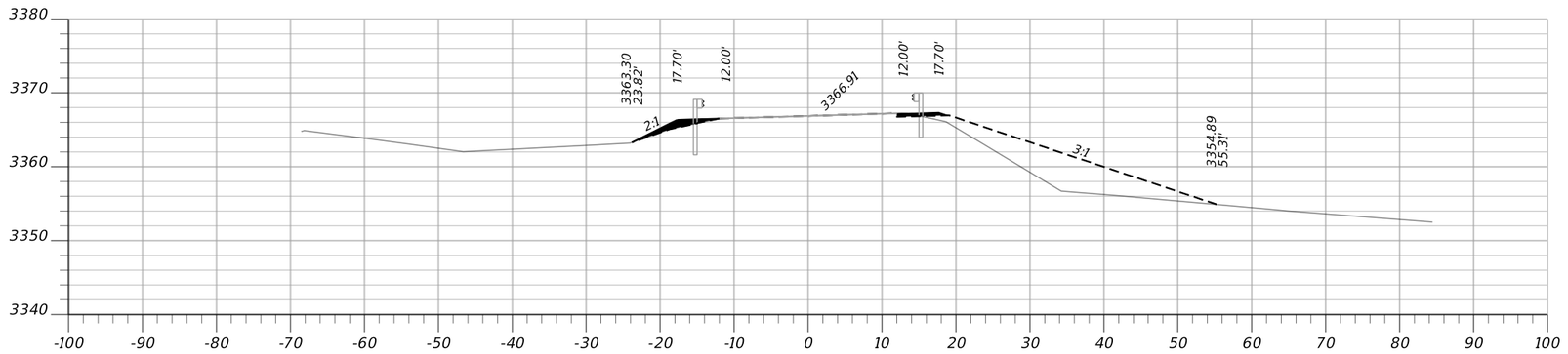


CV: 0 CY FV: 0 CY **Sta. 346+76.09** CV: 1 CY FV: 42 CY

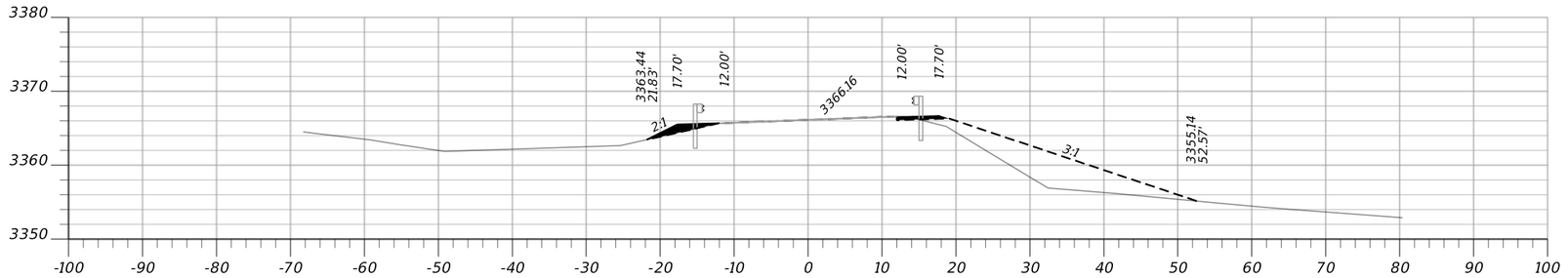
MDT MONTANA DEPARTMENT OF TRANSPORTATION	C:\DGN\9635000rdlay002.dgn	DESIGNED BY D. KRAUSE	12/10/2020	MAINLINE CROSS SECTIONS	SF 179 D1 SFTY SIGNS GUARDRAIL	HSIP STWD (647)
	12/24/2020	REVIEWED BY		LINCOLN, SANDERS, & POWELL COUNTY	UPN 9635000	3
	1:58:19 PM CPS – U3829	CHECKED BY				

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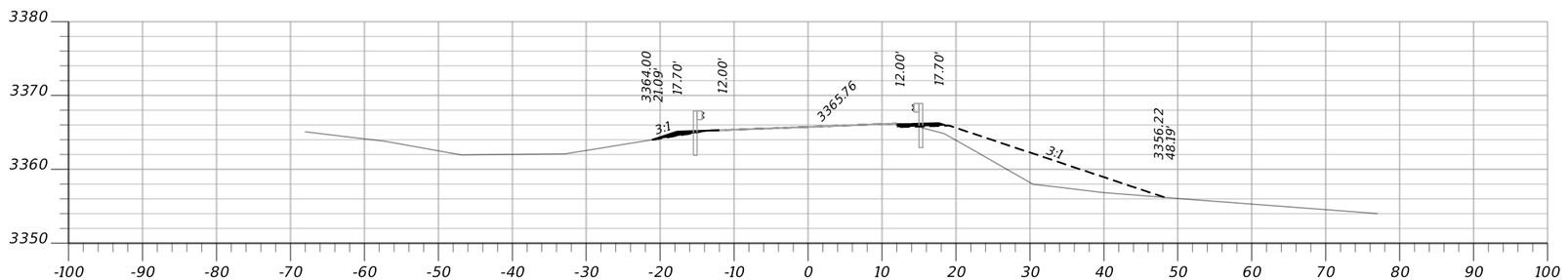
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CV: 0 CY FV: 0 CY **Sta. 349+50.00** CV: 2 CY FV: 183 CY



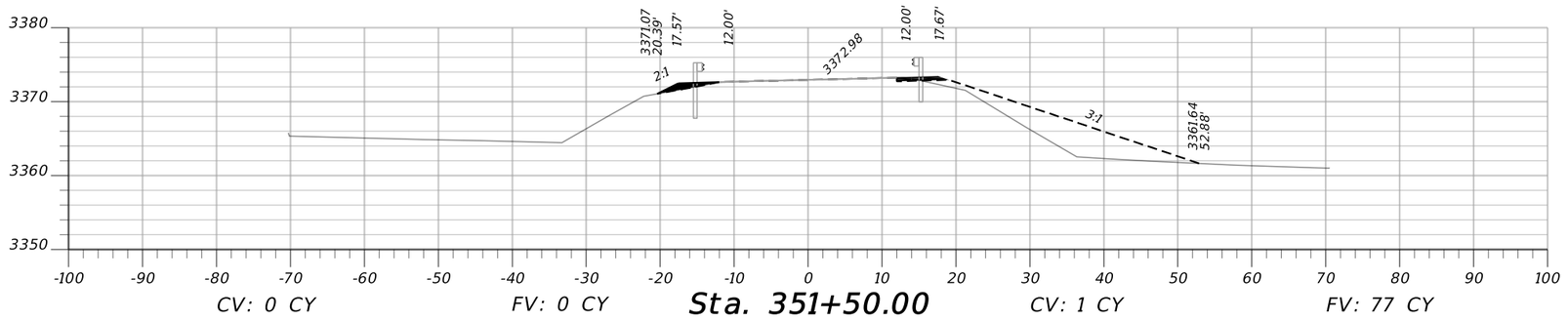
CV: 0 CY FV: 0 CY **Sta. 349+00.00** CV: 2 CY FV: 154 CY



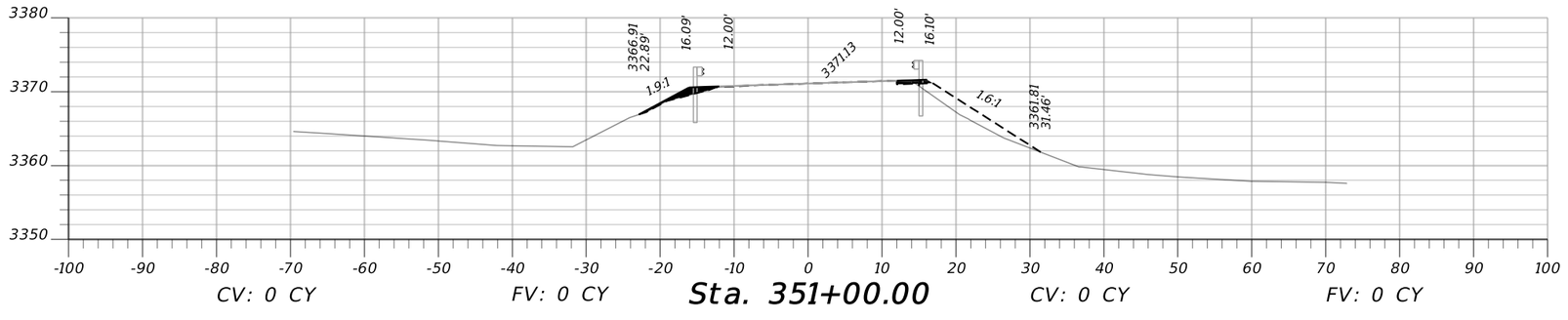
CV: 0 CY FV: 0 CY **Sta. 348+50.00** CV: 1 CY FV: 122 CY

MDT MONTANA DEPARTMENT OF TRANSPORTATION	C:\DGN\9635000rdlay002.dgn	DESIGNED BY	D. KRAUSE	12/10/2020	MAINLINE CROSS SECTIONS	SF 179 D1 SFTY SIGNS GUARDRAIL	HSIP STWD (647)
	12/24/2020	REVIEWED BY			LINCOLN, SANDERS, & POWELL COUNTY	UPN 9635000	4
	1:58:25 PM CPS – U3829	CHECKED BY					

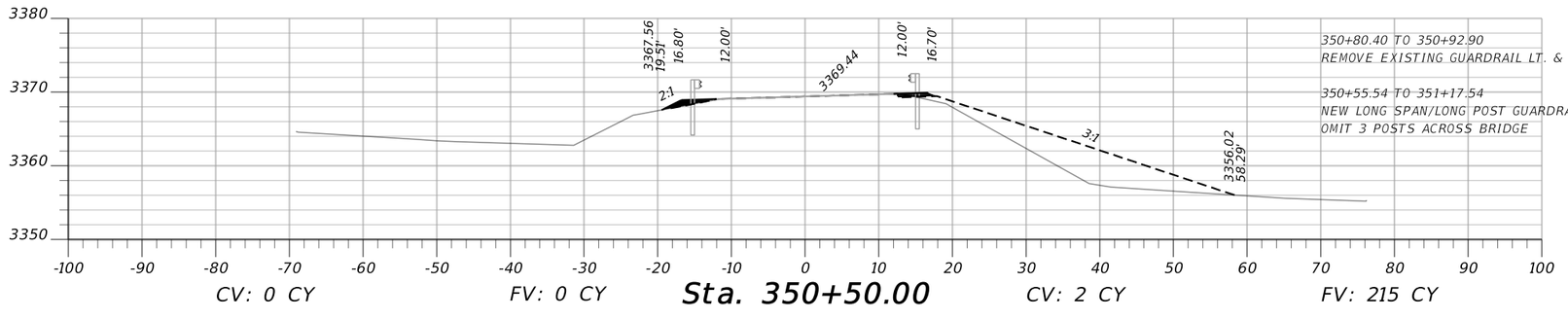
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CV: 0 CY FV: 0 CY **Sta. 351+50.00** CV: 1 CY FV: 77 CY



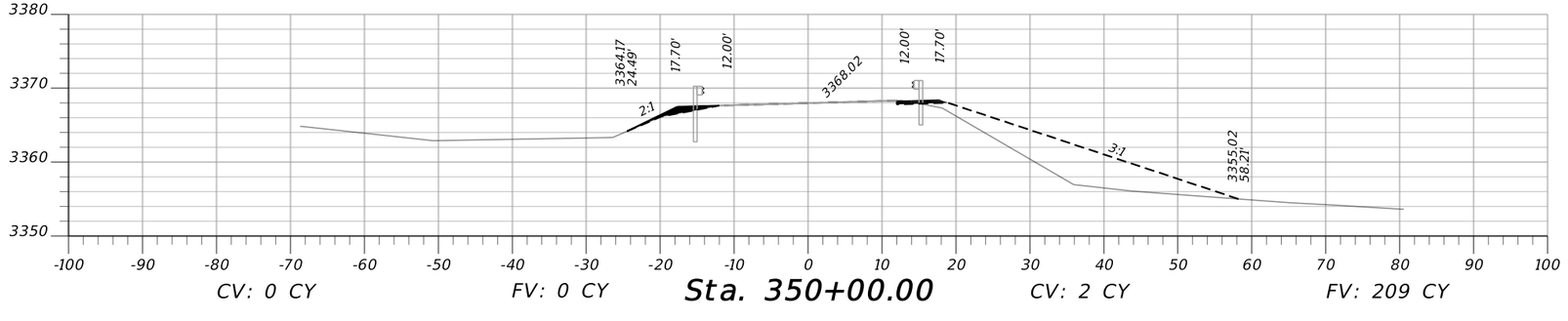
CV: 0 CY FV: 0 CY **Sta. 351+00.00** CV: 0 CY FV: 0 CY



350+80.40 TO 350+92.90
REMOVE EXISTING GUARDRAIL LT. & RT.

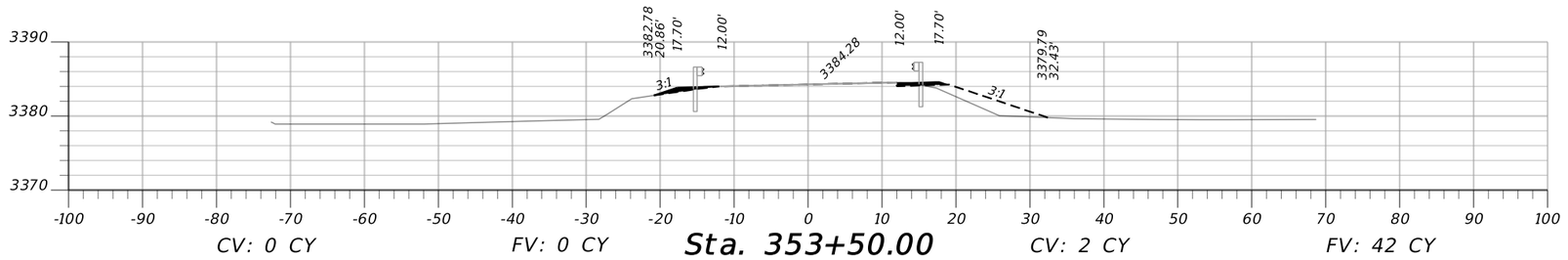
350+55.54 TO 351+17.54
NEW LONG SPAN/LONG POST GUARDRAIL LT. & RT.
OMIT 3 POSTS ACROSS BRIDGE

CV: 0 CY FV: 0 CY **Sta. 350+50.00** CV: 2 CY FV: 215 CY

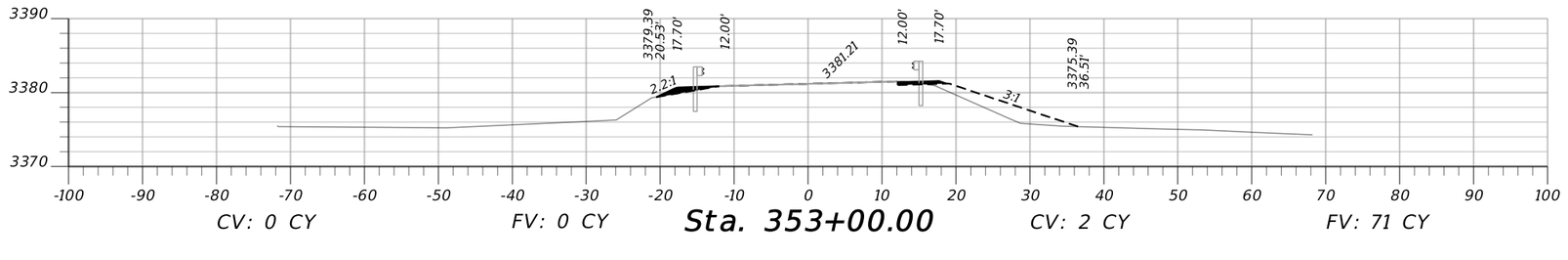


CV: 0 CY FV: 0 CY **Sta. 350+00.00** CV: 2 CY FV: 209 CY

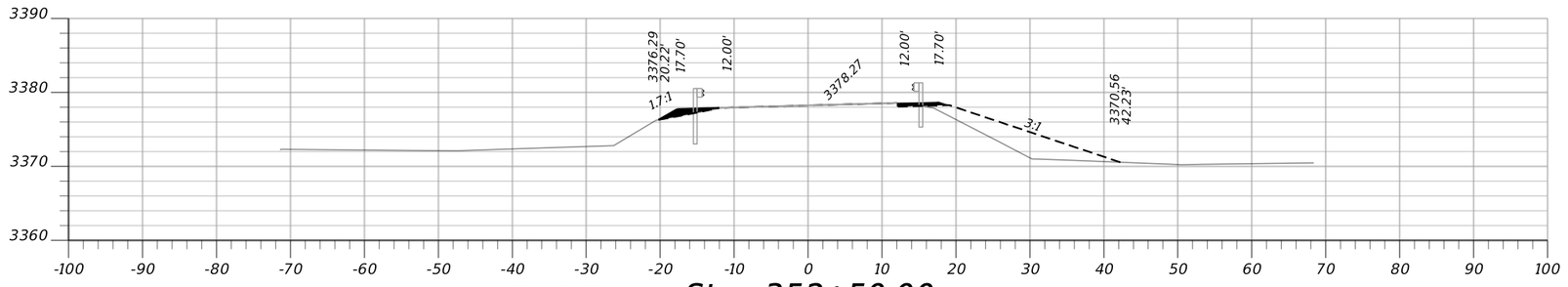
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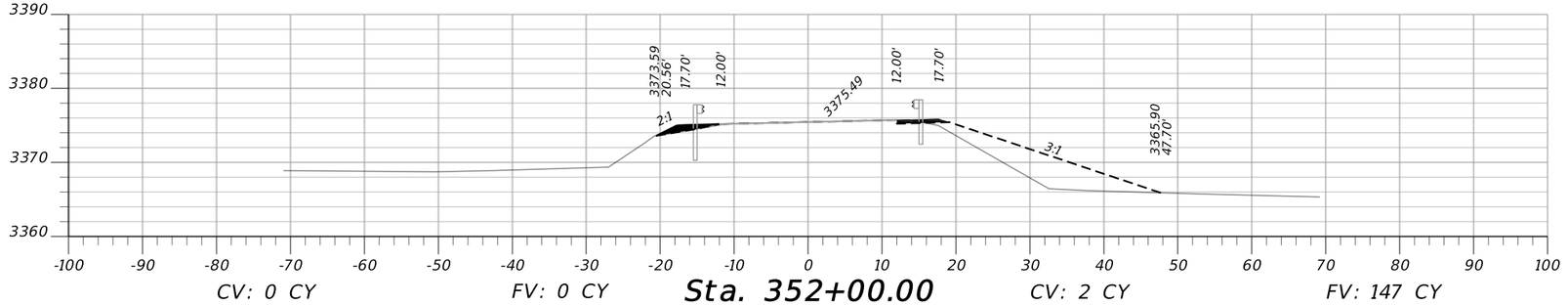
CV: 0 CY FV: 0 CY **Sta. 353+50.00** CV: 2 CY FV: 42 CY



CV: 0 CY FV: 0 CY **Sta. 353+00.00** CV: 2 CY FV: 71 CY



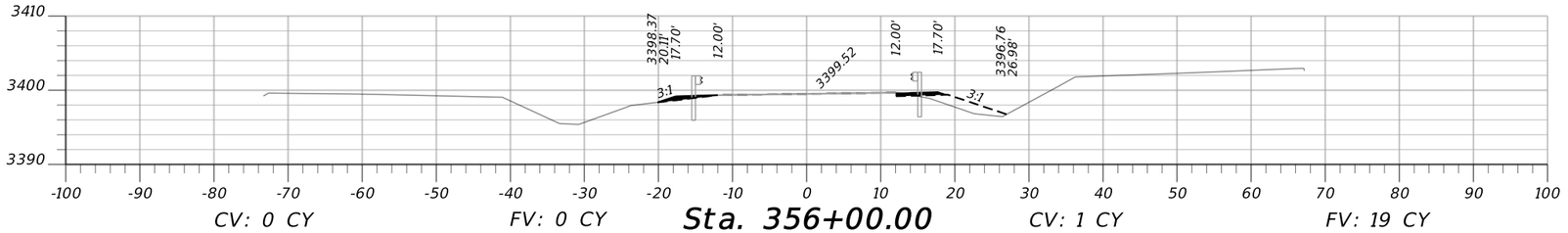
CV: 0 CY FV: 0 CY **Sta. 352+50.00** CV: 2 CY FV: 117 CY



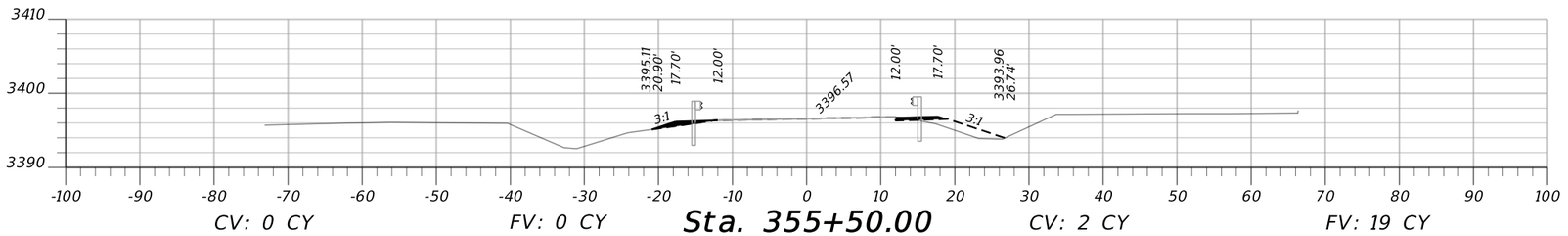
CV: 0 CY FV: 0 CY **Sta. 352+00.00** CV: 2 CY FV: 147 CY

MDT MONTANA DEPARTMENT OF TRANSPORTATION	C:\DGN\9635000rdlay002.dgn	DESIGNED BY D. KRAUSE	12/10/2020	MAINLINE CROSS SECTIONS	SF 179 D1 SFTY SIGNS GUARDRAIL	HSIP STWD (647)
	12/24/2020	REVIEWED BY		LINCOLN, SANDERS, & POWELL COUNTY	UPN 9635000	6
	1:58:36 PM CPS – U3829	CHECKED BY				

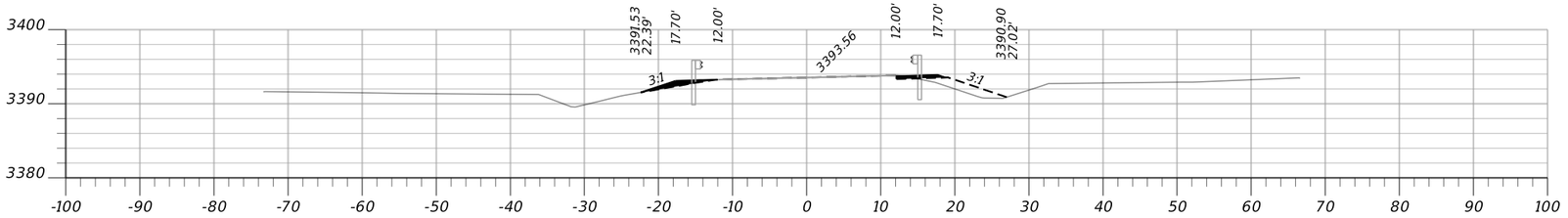
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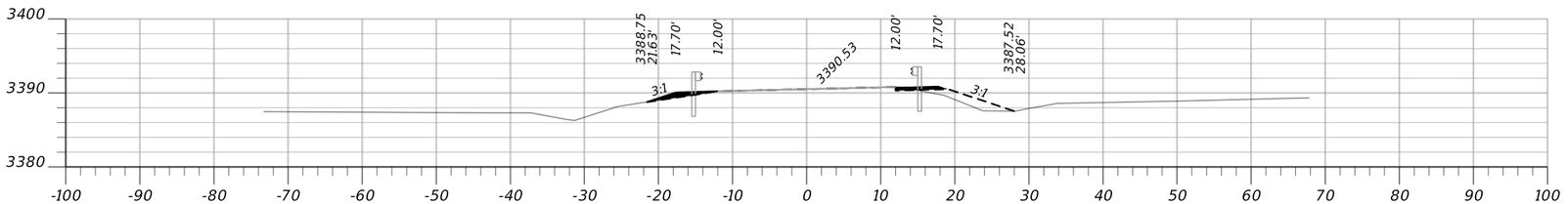
CV: 0 CY FV: 0 CY **Sta. 356+00.00** CV: 1 CY FV: 19 CY



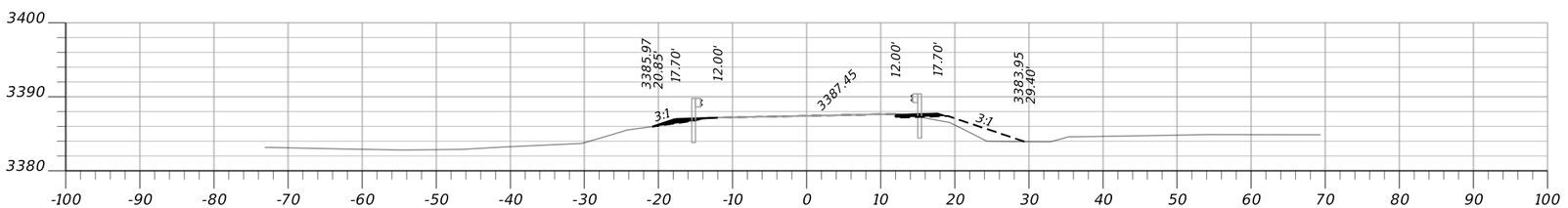
CV: 0 CY FV: 0 CY **Sta. 355+50.00** CV: 2 CY FV: 19 CY



CV: 0 CY FV: 0 CY **Sta. 355+00.00** CV: 2 CY FV: 19 CY

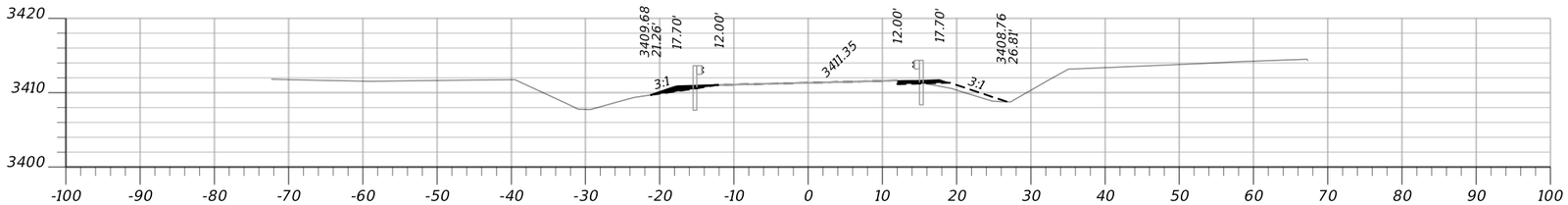


CV: 0 CY FV: 0 CY **Sta. 354+50.00** CV: 2 CY FV: 21 CY

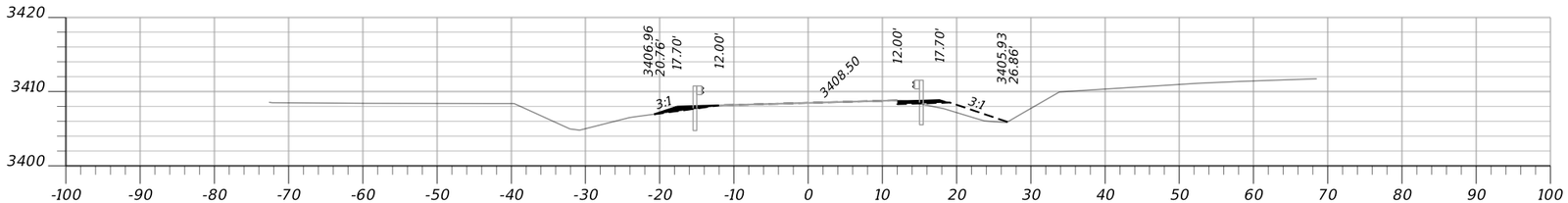


CV: 0 CY FV: 0 CY **Sta. 354+00.00** CV: 2 CY FV: 29 CY

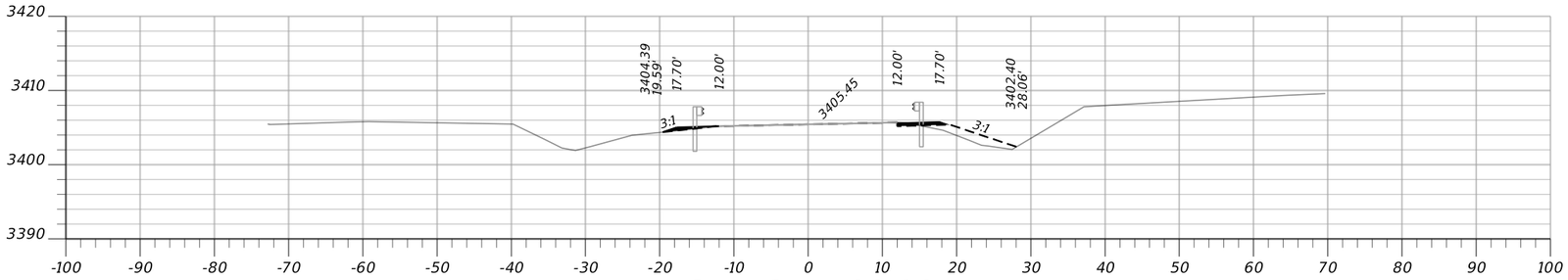
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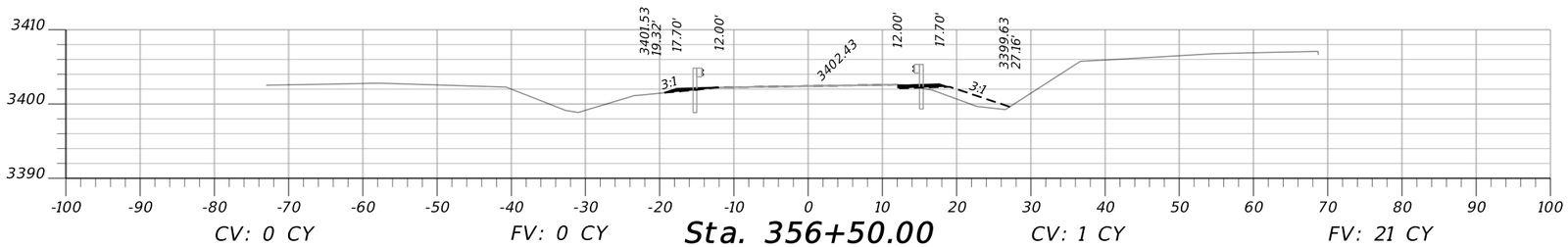
CV: 0 CY FV: 0 CY **Sta. 358+00.00** CV: 2 CY FV: 13 CY



CV: 0 CY FV: 0 CY **Sta. 357+50.00** CV: 2 CY FV: 18 CY



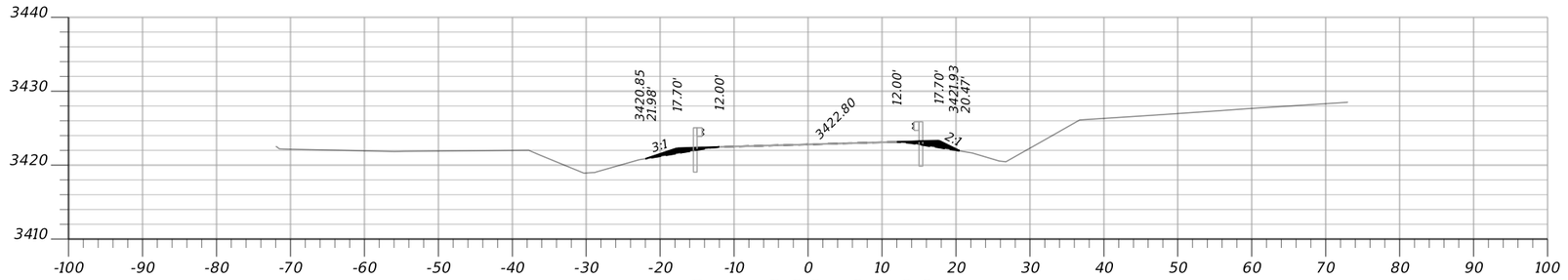
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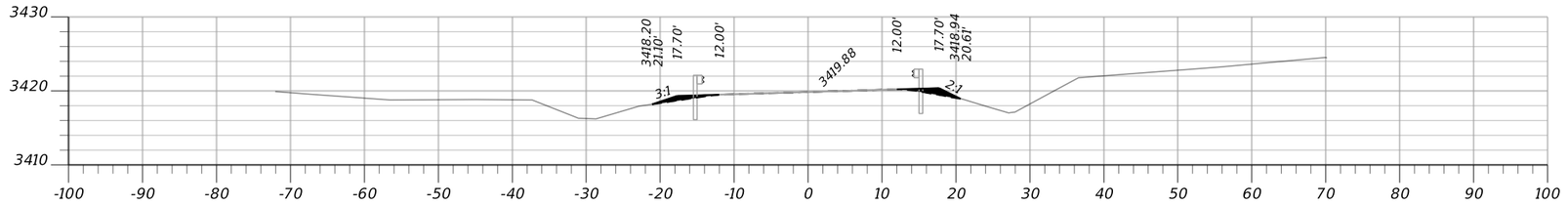
CV: 0 CY FV: 0 CY **Sta. 356+50.00** CV: 1 CY FV: 21 CY

MDT MONTANA DEPARTMENT OF TRANSPORTATION	C:\DGN\9635000rdlay002.dgn	DESIGNED BY D. KRAUSE	12/10/2020	MAINLINE CROSS SECTIONS	SF 179 D1 SFTY SIGNS GUARDRAIL	HSIP STWD (647)
	12/24/2020	REVIEWED BY		LINCOLN, SANDERS, & POWELL COUNTY	UPN 9635000	8
	1:58:48 PM CPS – U3829	CHECKED BY				

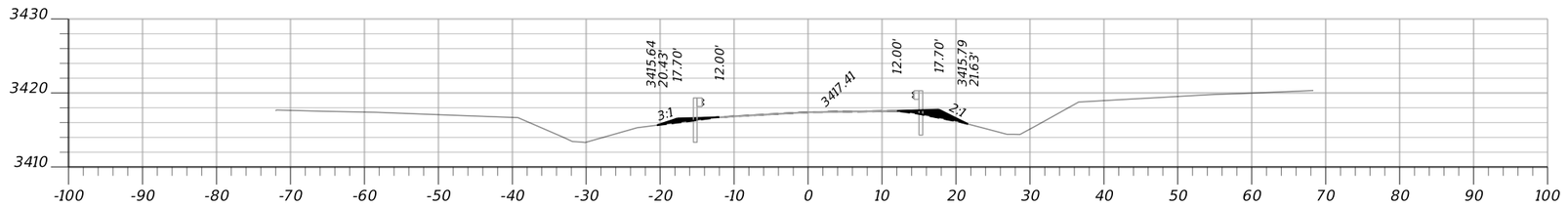
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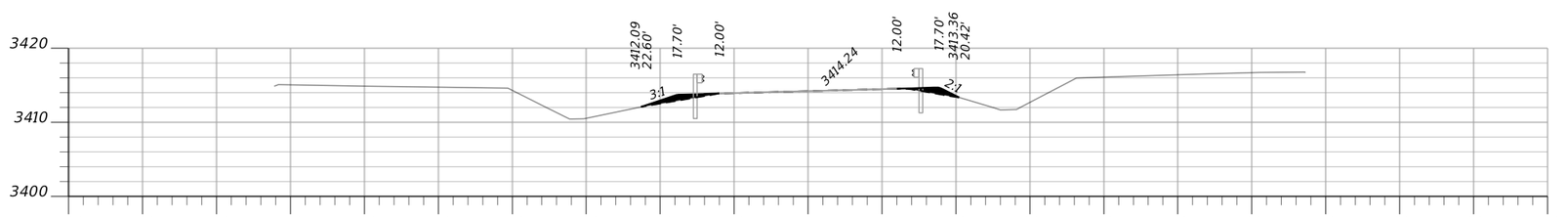
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CV: 0 CY FV: 0 CY **Sta. 359+50.00** CV: 0 CY FV: 0 CY



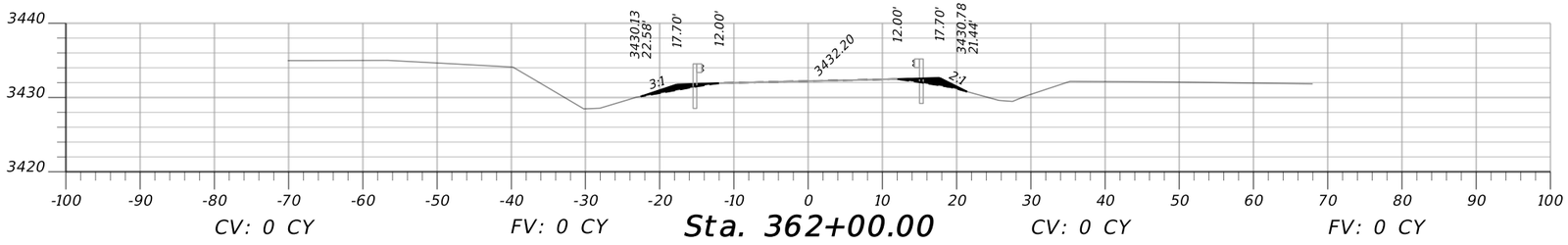
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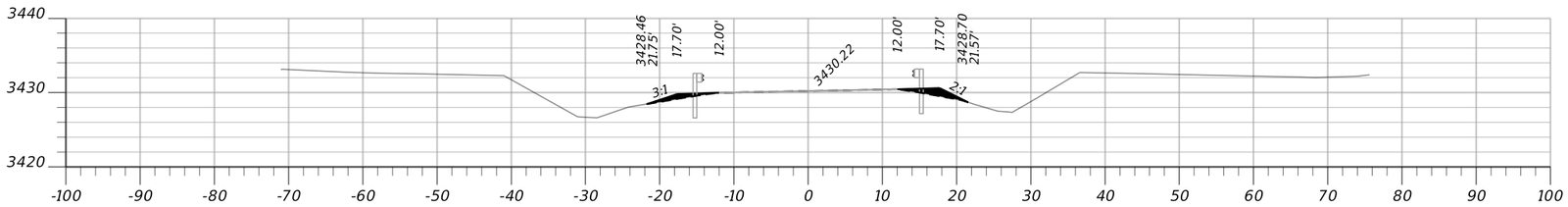
CV: 0 CY FV: 0 CY **Sta. 358+50.00** CV: 1 CY FV: 5 CY

MDT MONTANA DEPARTMENT OF TRANSPORTATION	C:\DGN\9635000rdlay002.dgn	DESIGNED BY	D. KRAUSE	12/10/2020	MAINLINE CROSS SECTIONS	SF 179 D1 SFTY SIGNS GUARDRAIL	HSIP STWD (647)
	12/24/2020	REVIEWED BY			LINCOLN, SANDERS, & POWELL COUNTY	UPN 9635000	9
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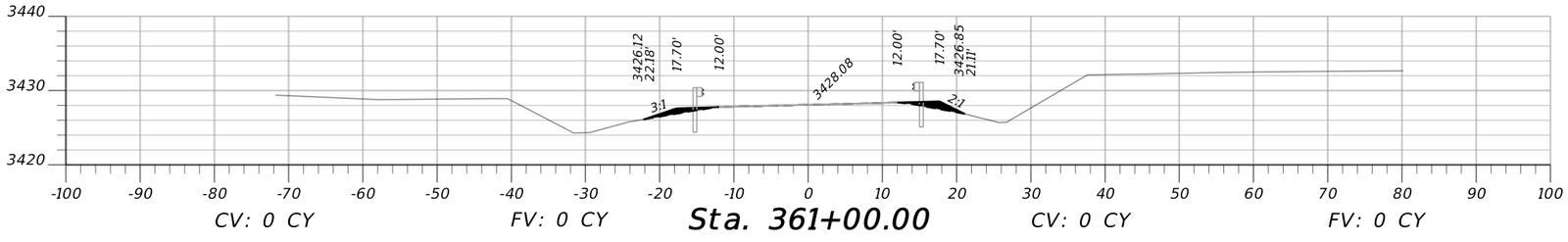
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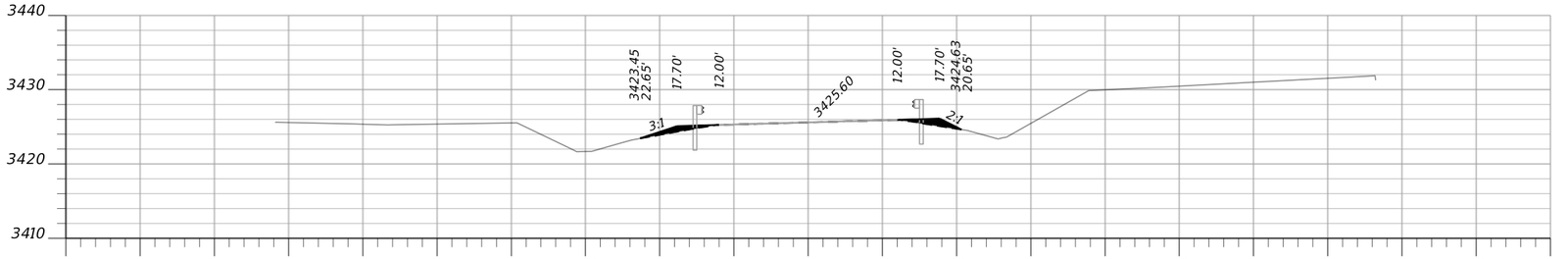
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CV: 0 CY FV: 0 CY **Sta. 361+50.00** CV: 0 CY FV: 0 CY



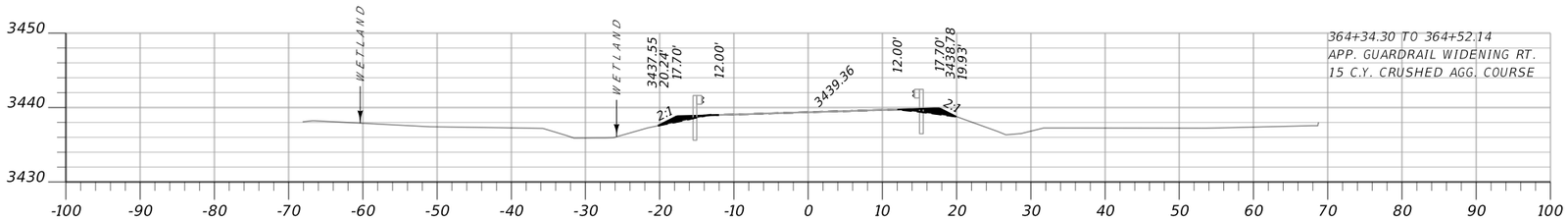
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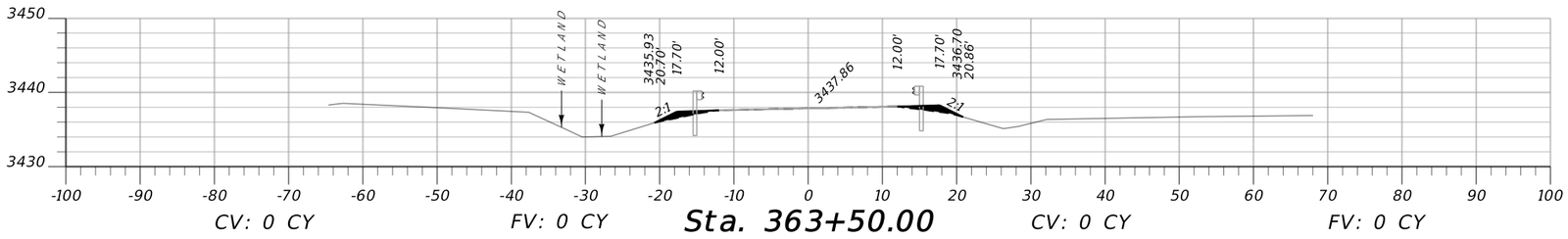


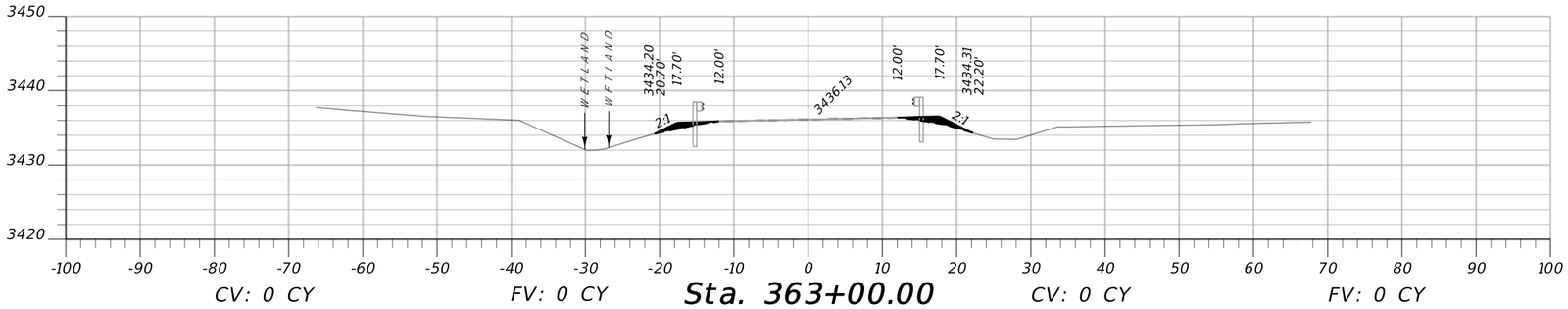
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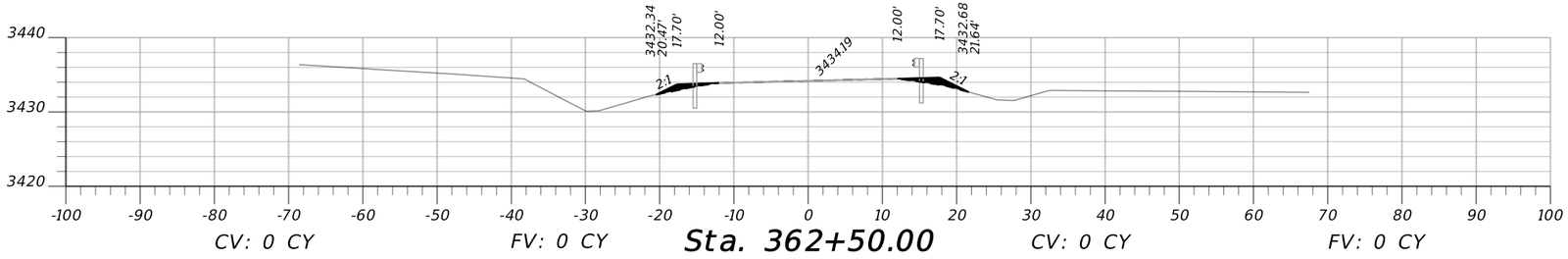
MDT MONTANA DEPARTMENT OF TRANSPORTATION	C:\DGN\9635000rdlay002.dgn	DESIGNED BY D. KRAUSE	12/10/2020	MAINLINE CROSS SECTIONS		SF 179 D1 SFTY SIGNS GUARDRAIL / HSIP STWD (647)
	12/24/2020	REVIEWED BY		LINCOLN, SANDERS, & POWELL COUNTY		UPN 9635000 / 10
	1:58:59 PM CPS – U3829	CHECKED BY				

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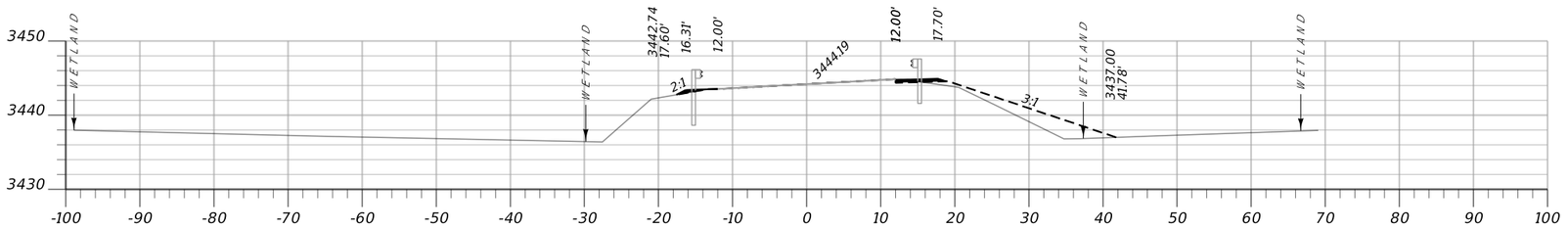




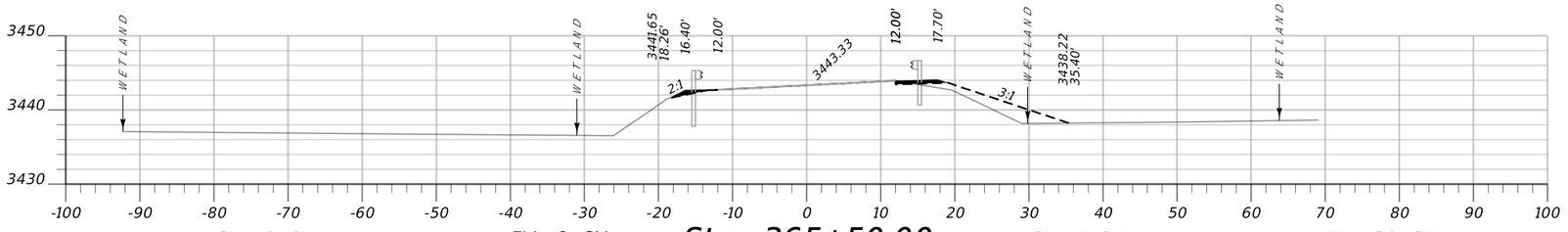


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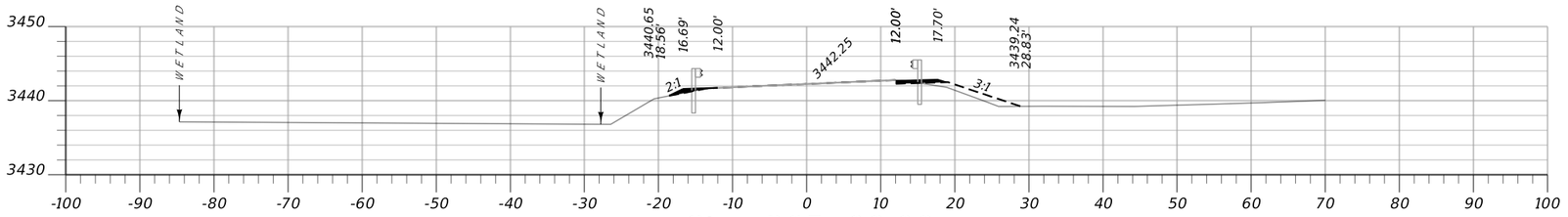
AWARD COPY



CV: 0 CY FV: 0 CY **Sta. 366+00.00** CV: 1 CY FV: 51 CY



CV: 0 CY FV: 0 CY **Sta. 365+50.00** CV: 1 CY FV: 30 CY



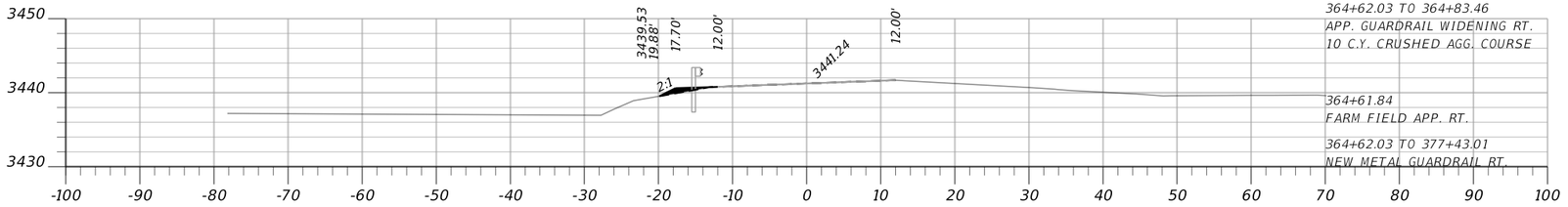
CV: 0 CY FV: 0 CY **Sta. 365+00.00** CV: 1 CY FV: 6 CY

364+83.46 TO 377+22.82
GUARDRAIL WIDENING RT.
50 C.Y. EXC.
715 C.Y. EMB
148 C.Y. CRUSHED AGG. COURSE

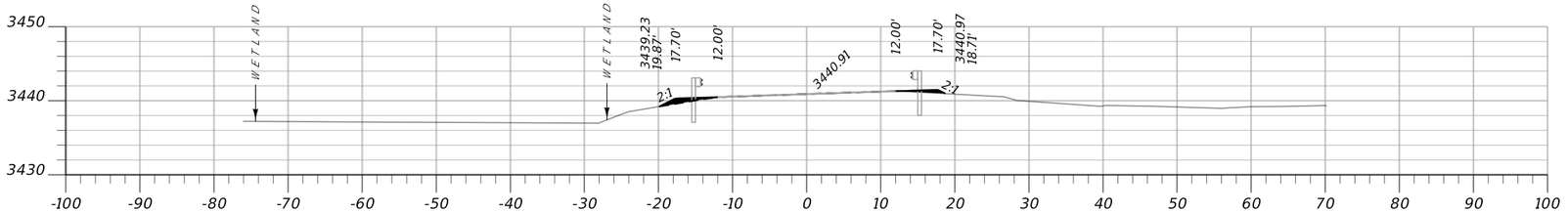
364+62.03 TO 364+83.46
APP. GUARDRAIL WIDENING RT.
10 C.Y. CRUSHED AGG. COURSE

364+61.84
FARM FIELD APP. RT.

364+62.03 TO 377+43.01
NEW METAL GUARDRAIL RT.



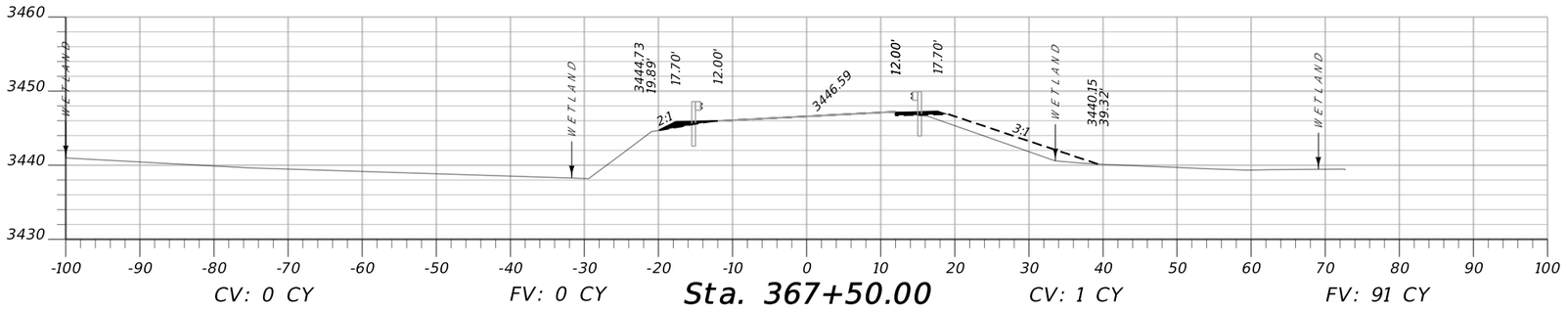
CV: 0 CY FV: 0 CY **Sta. 364+61.46** CV: 31 CY FV: 0 CY

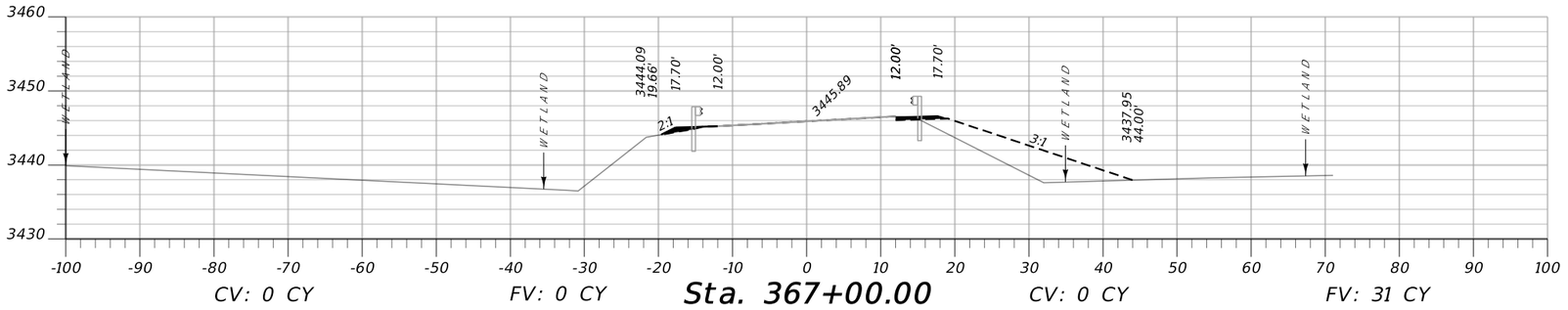


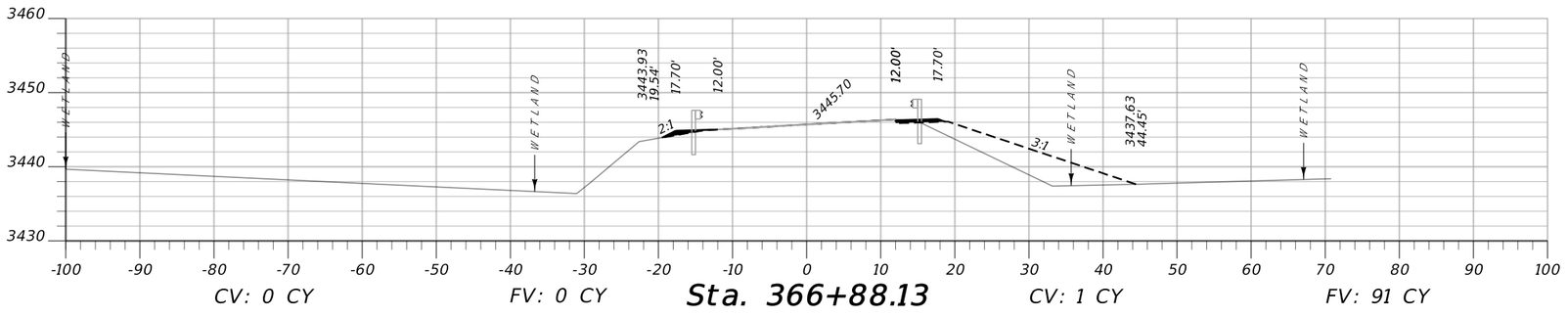
CV: 0 CY FV: 0 CY **Sta. 364+50.00** CV: 0 CY FV: 0 CY

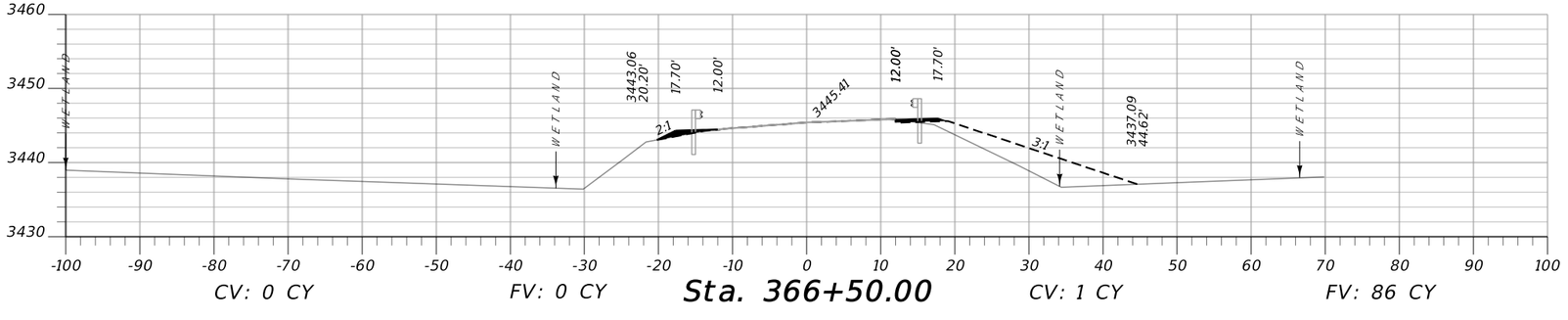
MDT MONTANA DEPARTMENT OF TRANSPORTATION	C:\DGN\9635000rdlay002.dgn	DESIGNED BY D. KRAUSE	12/10/2020	MAINLINE CROSS SECTIONS		SF 179 D1 SFTY SIGNS GUARDRAIL / HSIP STWD (647)
	12/24/2020	REVIEWED BY		LINCOLN, SANDERS, & POWELL COUNTY		UPN 9635000 / 12
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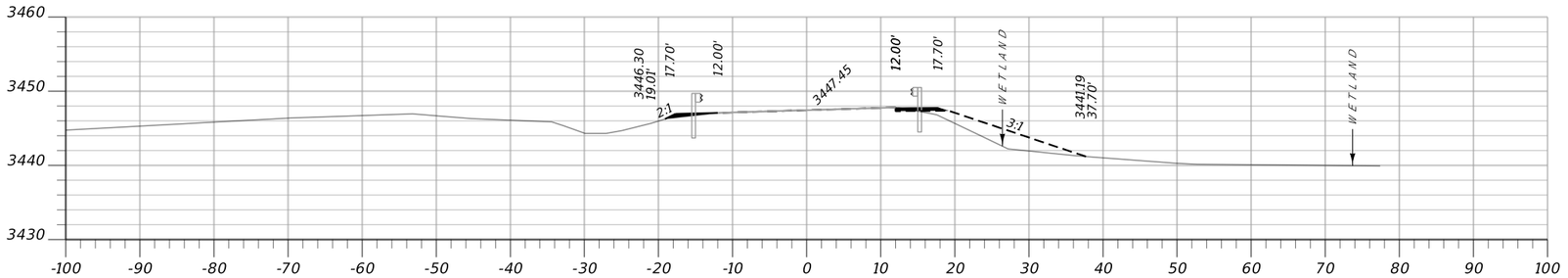




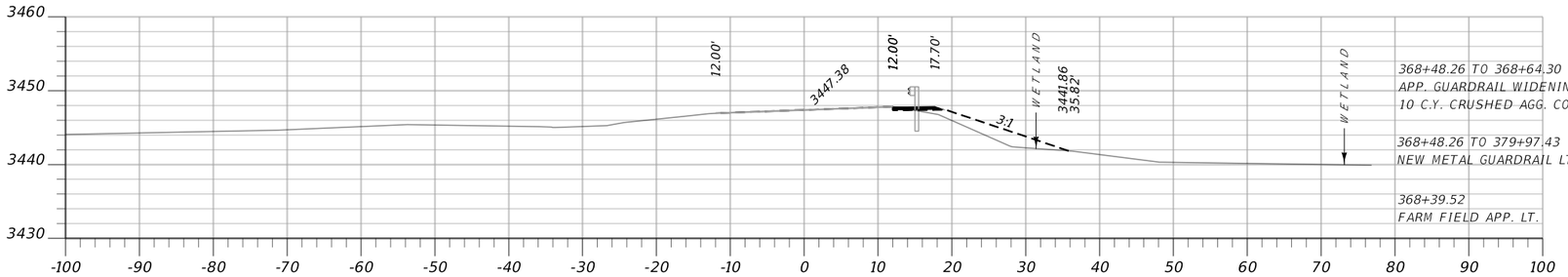


MDT MONTANA DEPARTMENT OF TRANSPORTATION	C:\DGN\9635000rdlay002.dgn	DESIGNED BY	D. KRAUSE	12/10/2020	MAINLINE CROSS SECTIONS	SF 179 D1 SFTY SIGNS GUARDRAIL	HSIP STWD (647)
	12/24/2020	REVIEWED BY			LINCOLN, SANDERS, & POWELL COUNTY	UPN 9635000	13
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CV: 2 CY FV: 1 CY **Sta. 368+50.00** CV: 0 CY FV: 11 CY

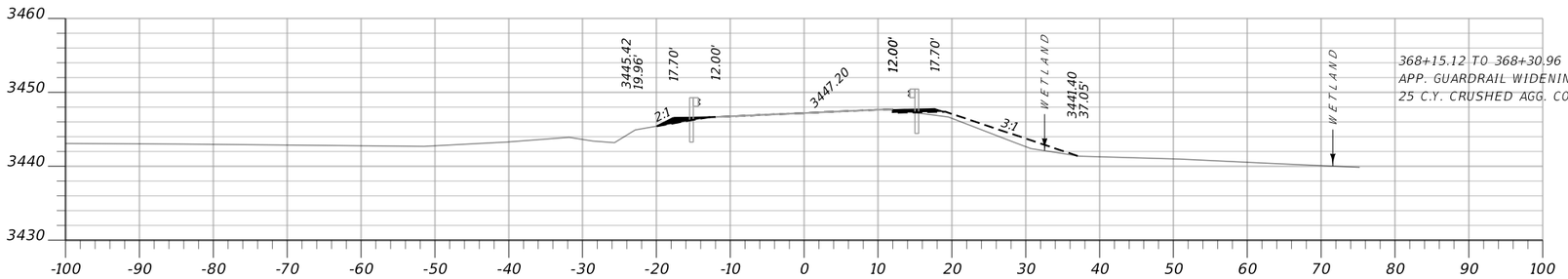


368+48.26 TO 368+64.30
APP. GUARDRAIL WIDENING LT.
10 C.Y. CRUSHED AGG. COURSE

368+48.26 TO 379+97.43
NEW METAL GUARDRAIL LT.

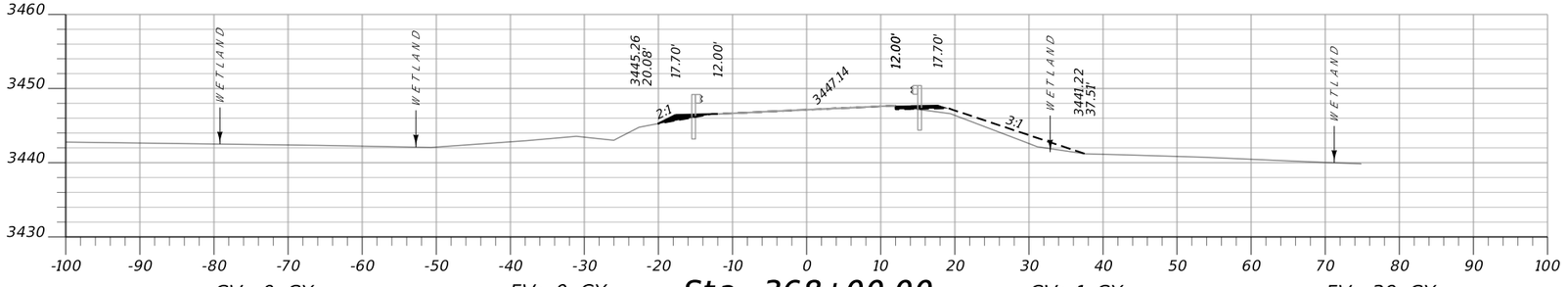
368+39.52
FARM FIELD APP. LT.

CV: 0 CY FV: 0 CY **Sta. 368+39.37** CV: 1 CY FV: 22 CY



368+15.12 TO 368+30.96
APP. GUARDRAIL WIDENING LT.
25 C.Y. CRUSHED AGG. COURSE

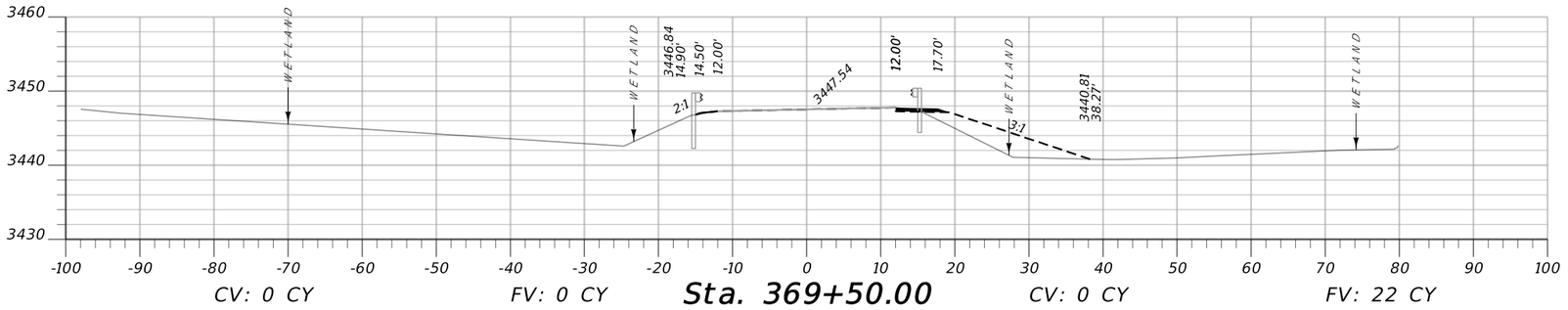
CV: 0 CY FV: 0 CY **Sta. 368+08.18** CV: 0 CY FV: 5 CY



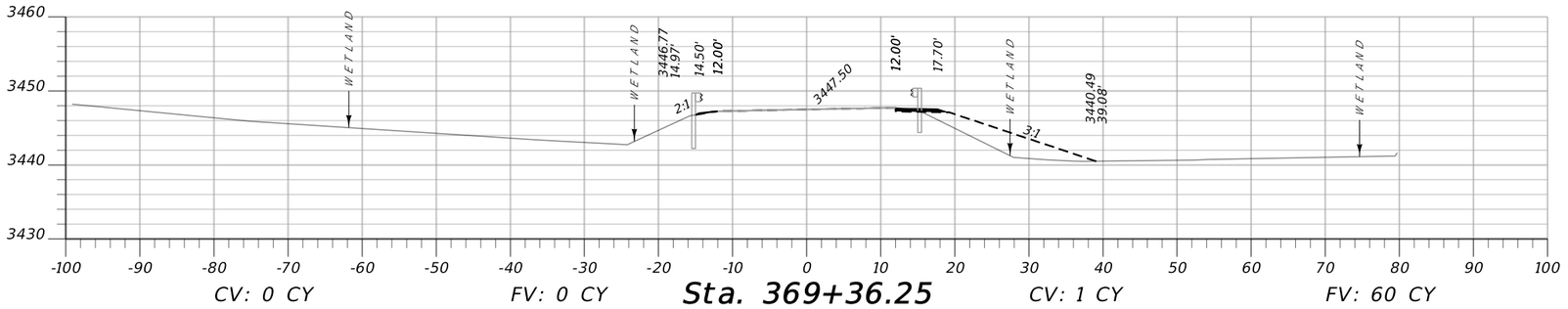
CV: 0 CY FV: 0 CY **Sta. 368+00.00** CV: 1 CY FV: 39 CY

MDT MONTANA DEPARTMENT OF TRANSPORTATION	C:\DGN\9635000rdlay002.dgn	DESIGNED BY D. KRAUSE	12/10/2020	MAINLINE CROSS SECTIONS	SF 179 D1 SFTY SIGNS GUARDRAIL	HSIP STWD (647)
	12/24/2020	REVIEWED BY		LINCOLN, SANDERS, & POWELL COUNTY	UPN 9635000	14
	1:59:21 PM CPS - U3829	CHECKED BY				

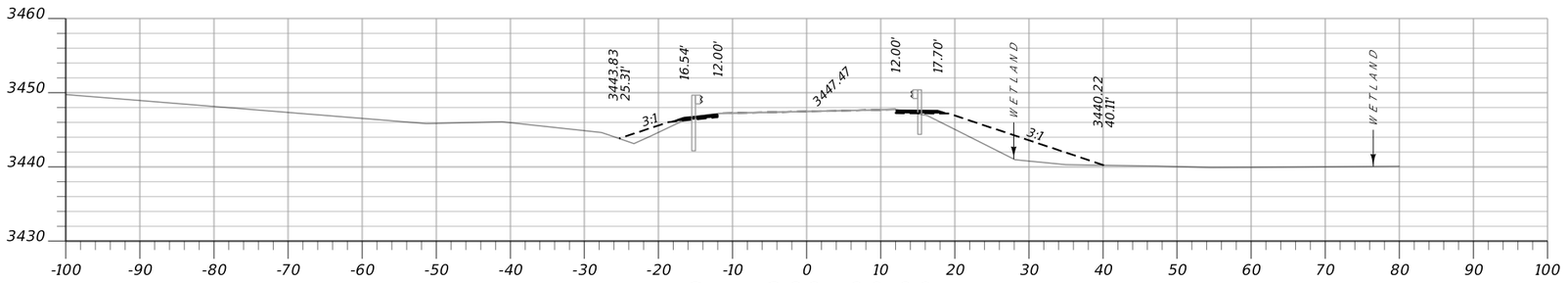
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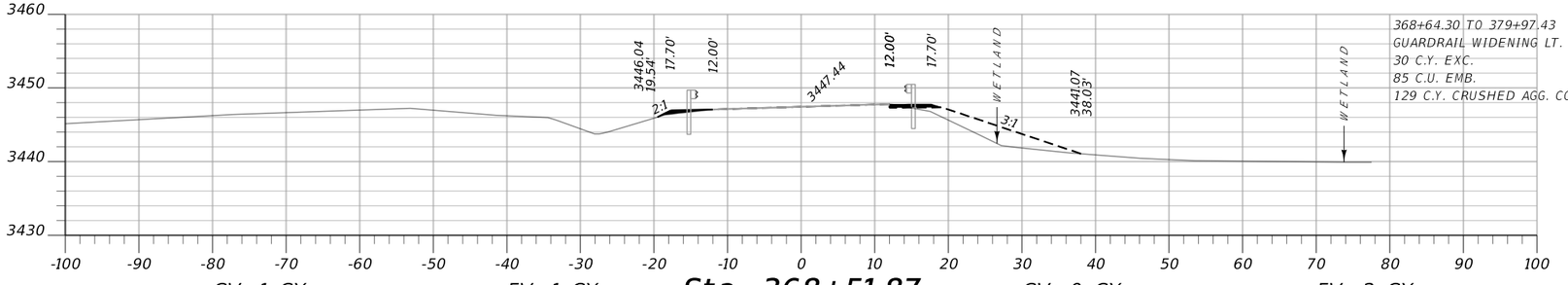
CV: 0 CY FV: 0 CY **Sta. 369+50.00** CV: 0 CY FV: 22 CY



CV: 0 CY FV: 0 CY **Sta. 369+36.25** CV: 1 CY FV: 60 CY



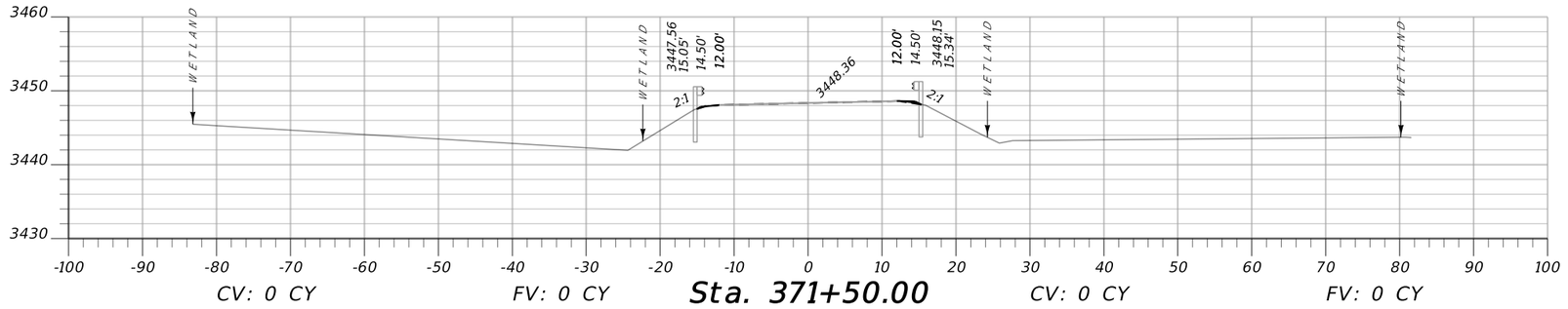
CV: 7 CY FV: 13 CY **Sta. 369+00.00** CV: 1 CY FV: 69 CY



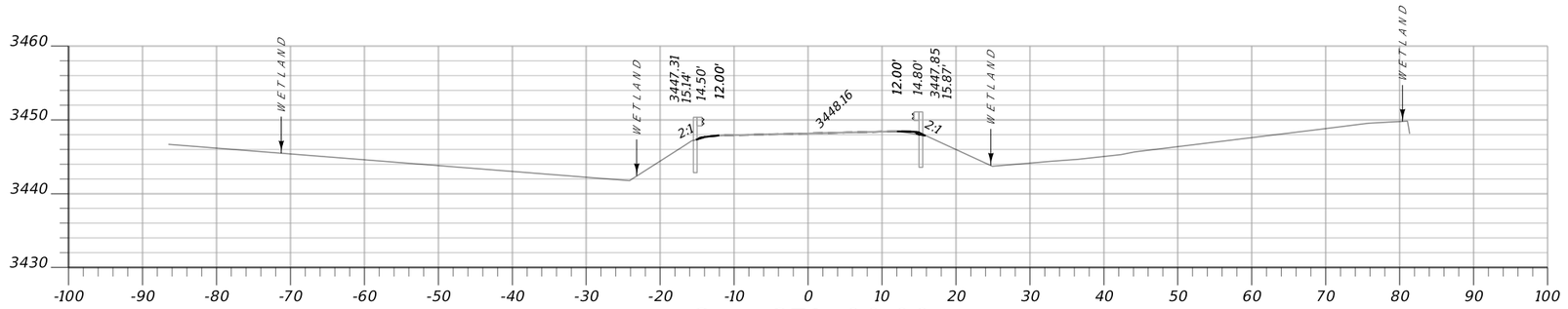
368+64.30 TO 379+97.43
GUARDRAIL WIDENING LT.
30 C.Y. EXC.
85 C.U. EMB.
129 C.Y. CRUSHED AGG. COURSE

CV: 1 CY FV: 1 CY **Sta. 368+51.87** CV: 0 CY FV: 2 CY

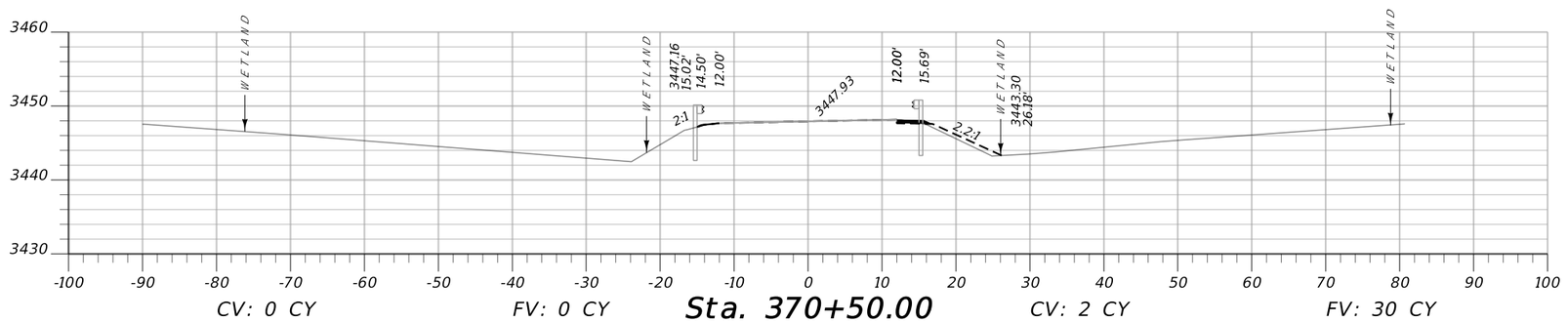
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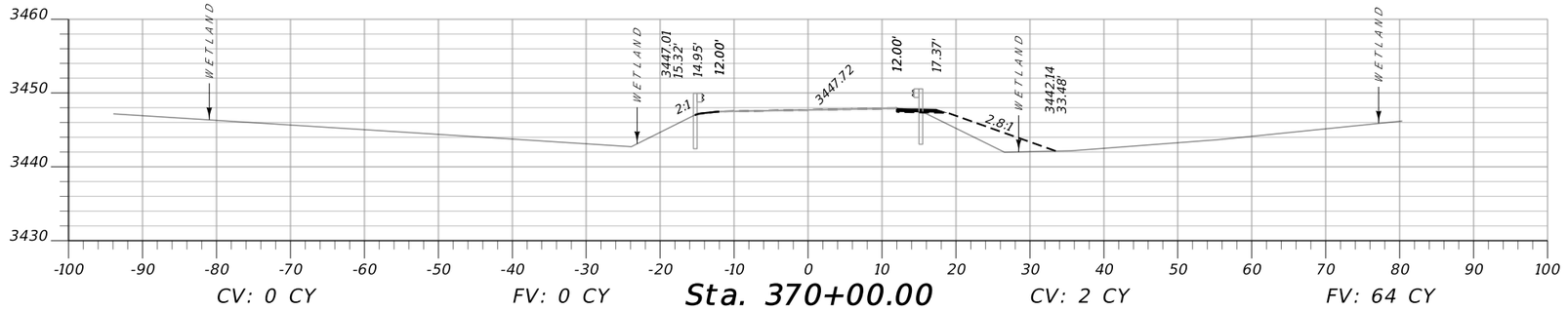
CV: 0 CY FV: 0 CY **Sta. 371+50.00** CV: 0 CY FV: 0 CY



CV: 0 CY FV: 0 CY **Sta. 371+00.00** CV: 1 CY FV: 5 CY



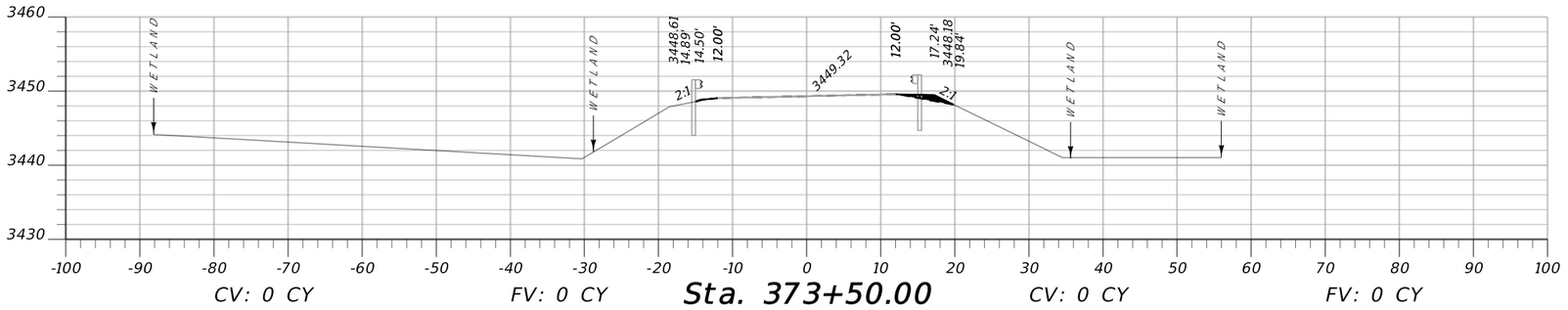
CV: 0 CY FV: 0 CY **Sta. 370+50.00** CV: 2 CY FV: 30 CY

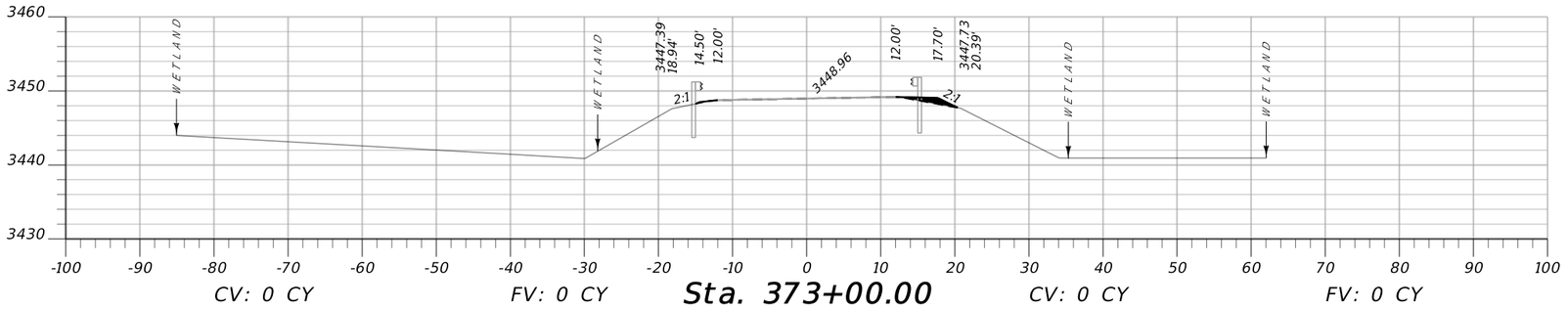


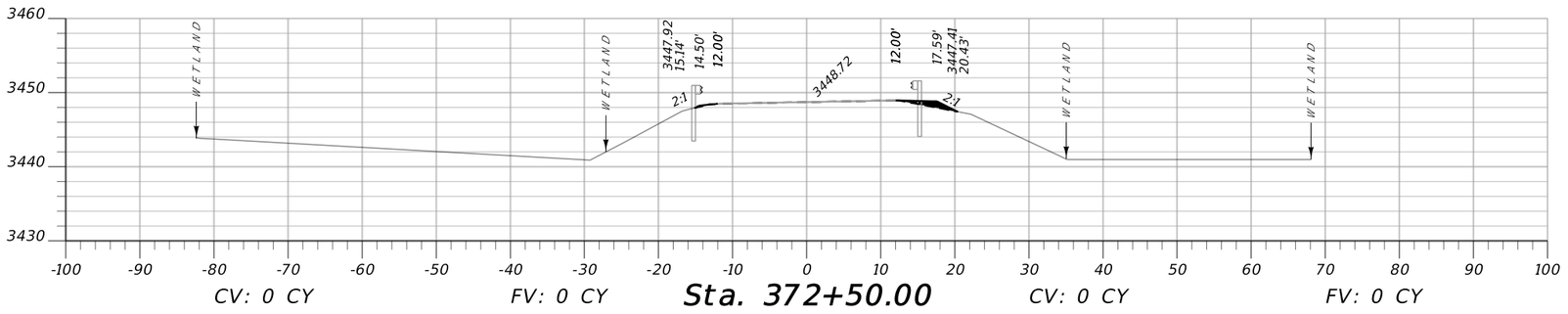
CV: 0 CY FV: 0 CY **Sta. 370+00.00** CV: 2 CY FV: 64 CY

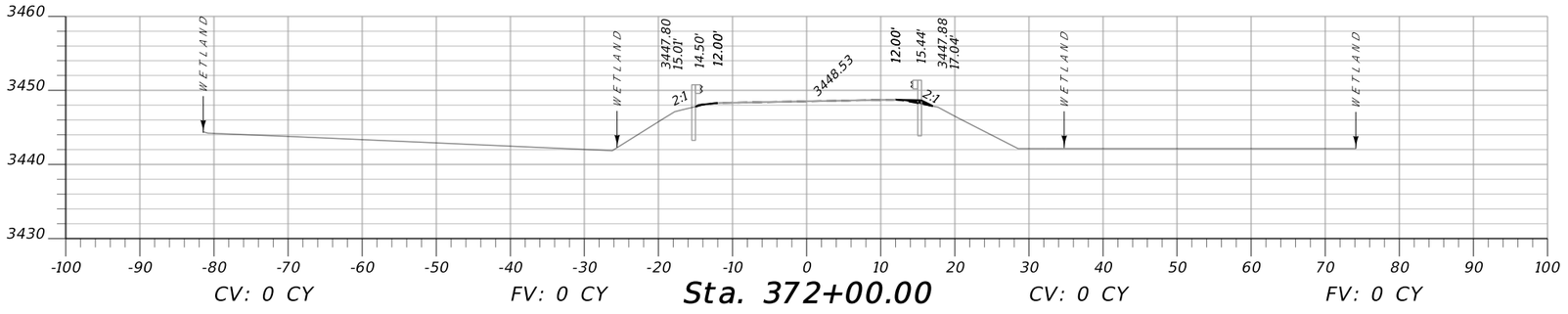
MDT MONTANA DEPARTMENT OF TRANSPORTATION	C:\DGN\9635000rdlay002.dgn	DESIGNED BY	D. KRAUSE	12/10/2020	MAINLINE CROSS SECTIONS	SF 179 D1 SFTY SIGNS GUARDRAIL	HSIP STWD (647)
	12/24/2020	REVIEWED BY			LINCOLN, SANDERS, & POWELL COUNTY	UPN 9635000	16
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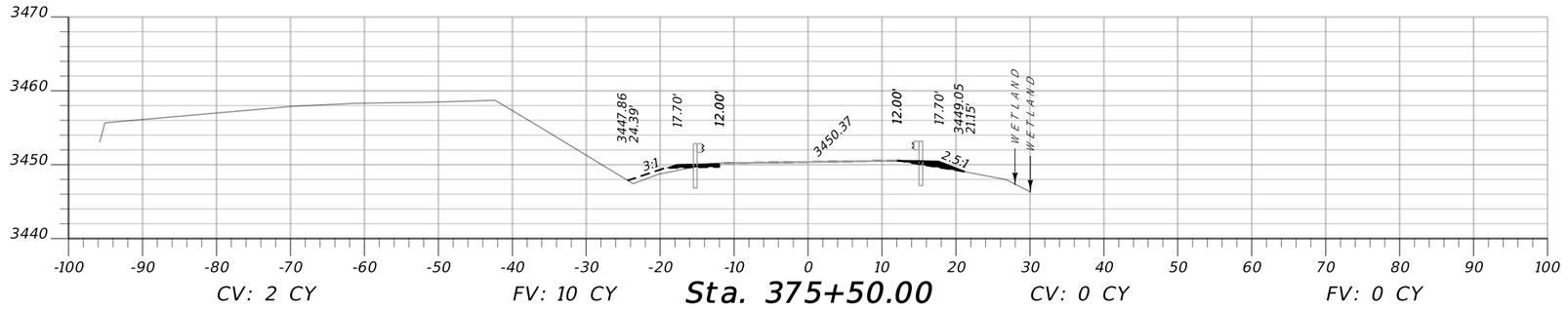




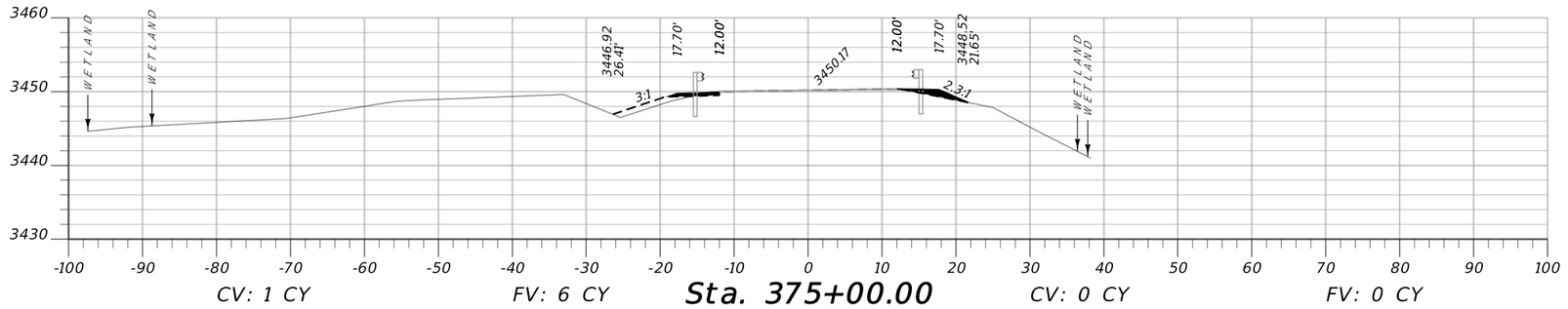




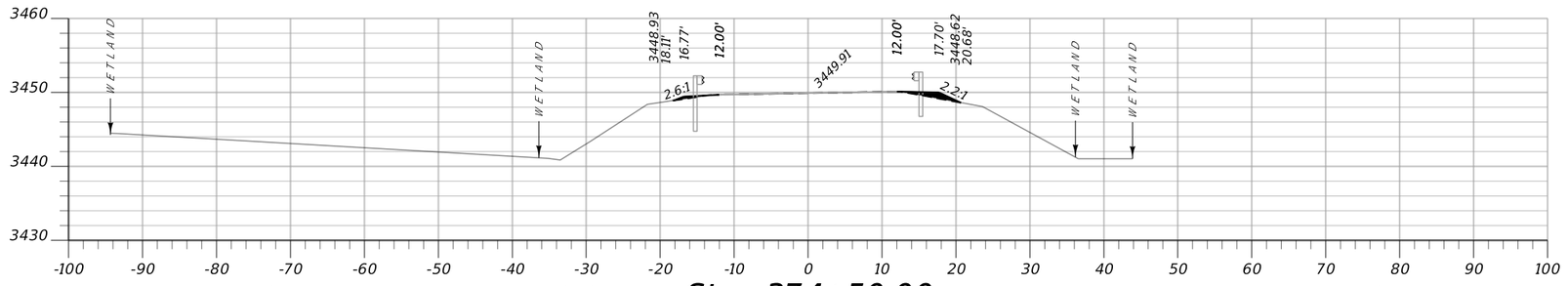
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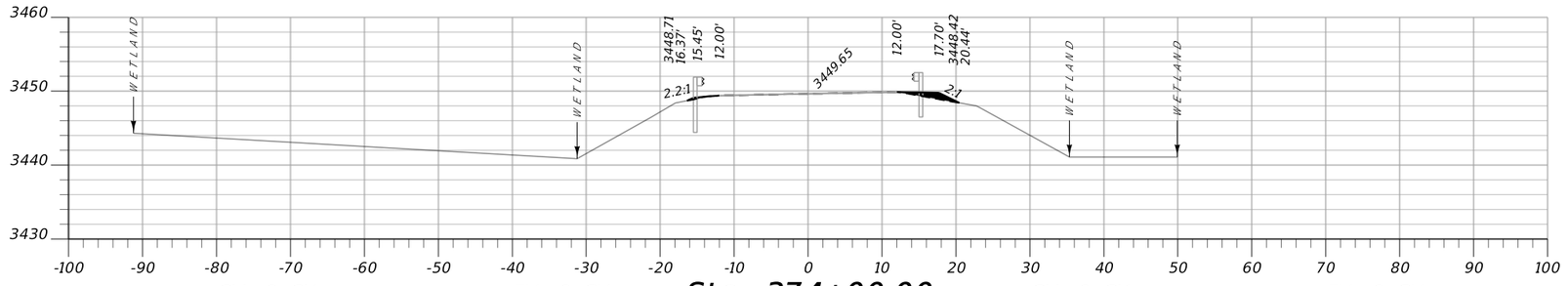
CV: 2 CY FV: 10 CY **Sta. 375+50.00** CV: 0 CY FV: 0 CY



CV: 1 CY FV: 6 CY **Sta. 375+00.00** CV: 0 CY FV: 0 CY

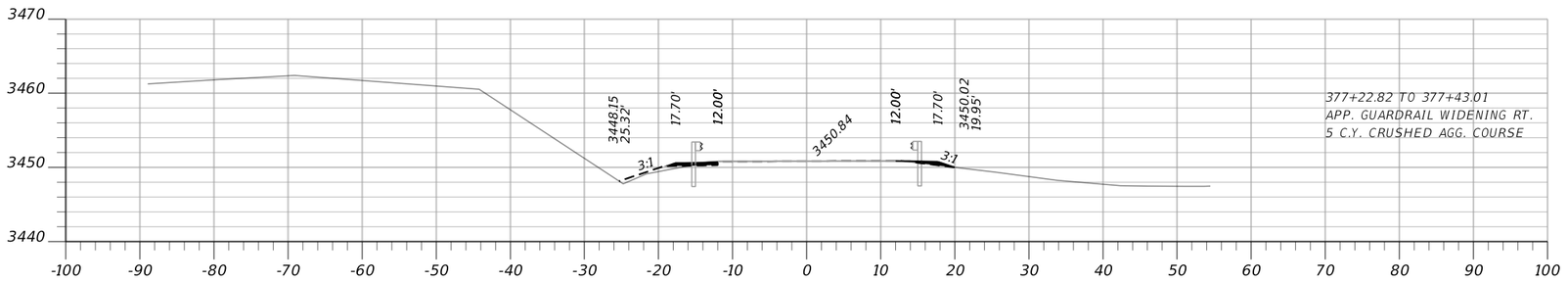


CV: 0 CY FV: 0 CY **Sta. 374+50.00** CV: 0 CY FV: 0 CY

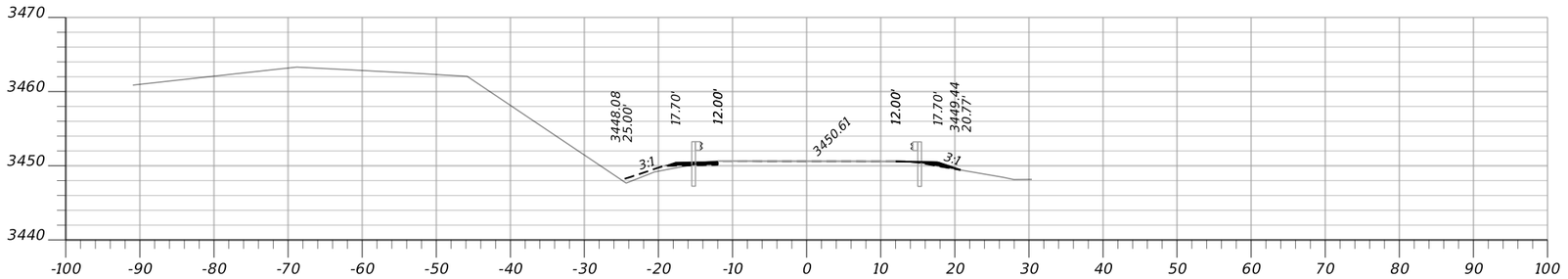


CV: 0 CY FV: 0 CY **Sta. 374+00.00** CV: 0 CY FV: 0 CY

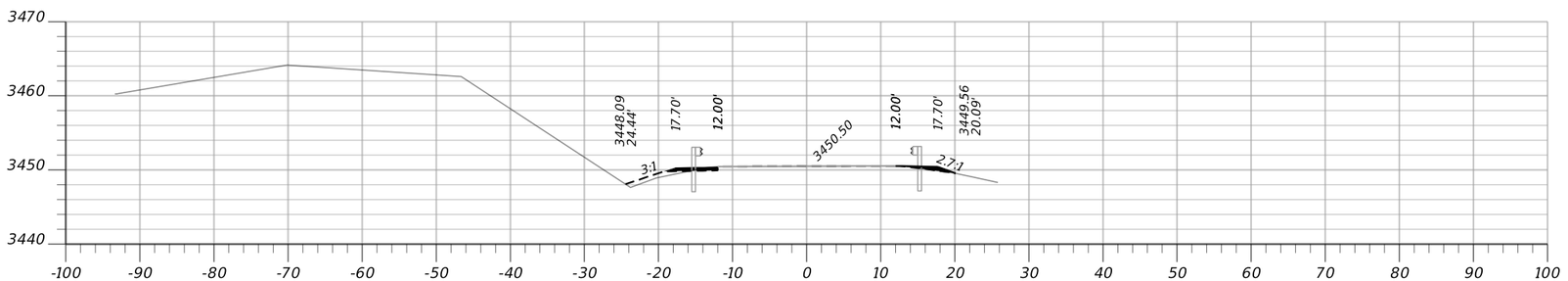
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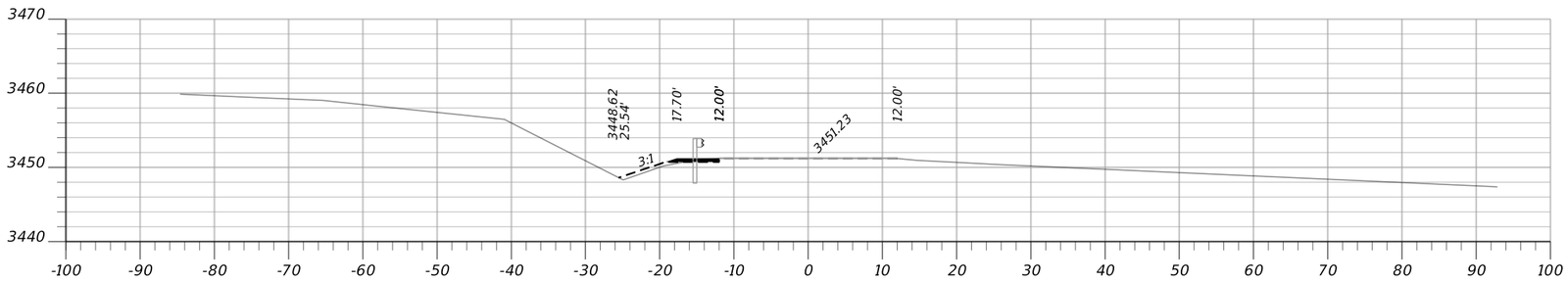


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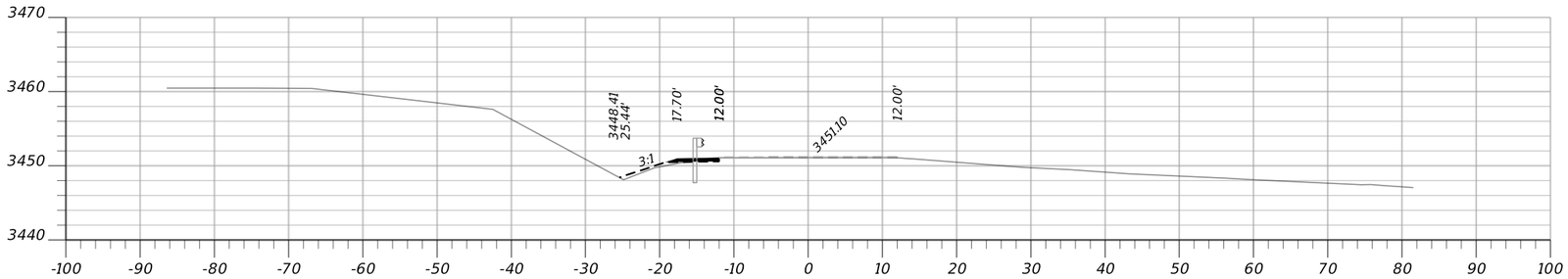


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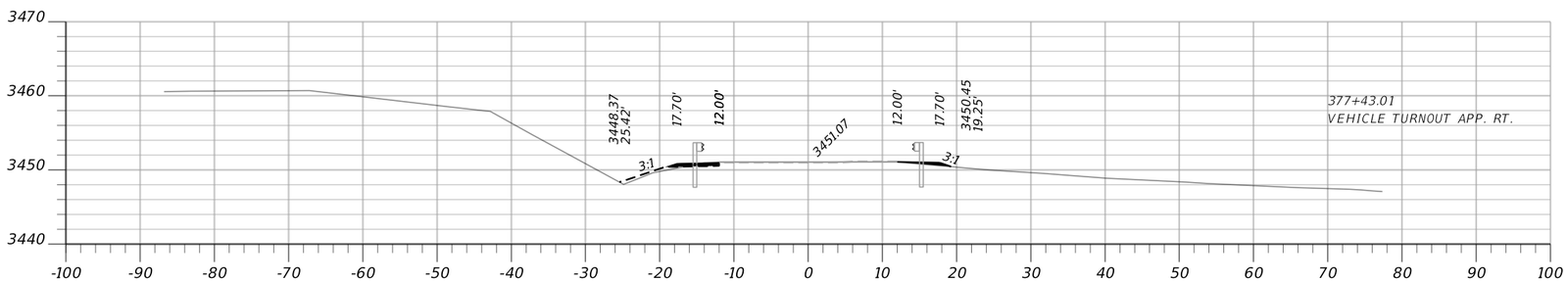
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CV: 3 CY FV: 6 CY **Sta. 377+85.79**

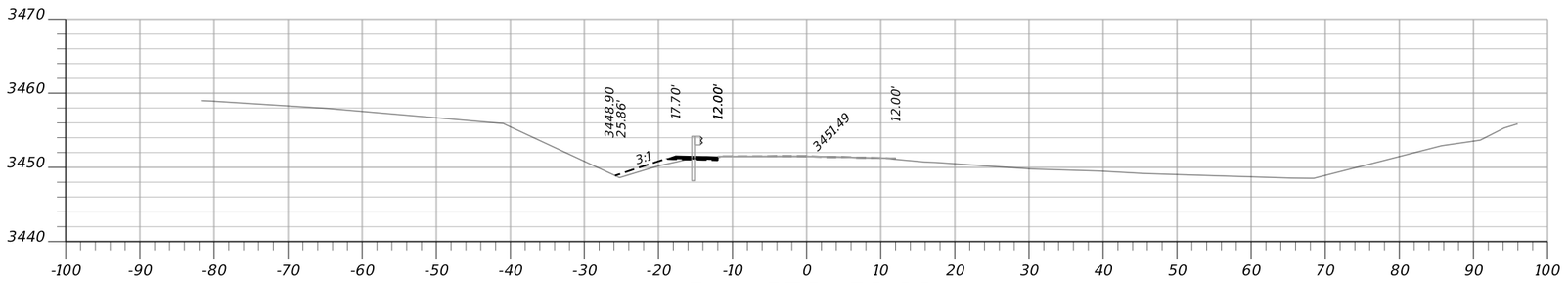


CV: 3 CY FV: 6 CY **Sta. 377+50.00** CV: 0 CY FV: 0 CY

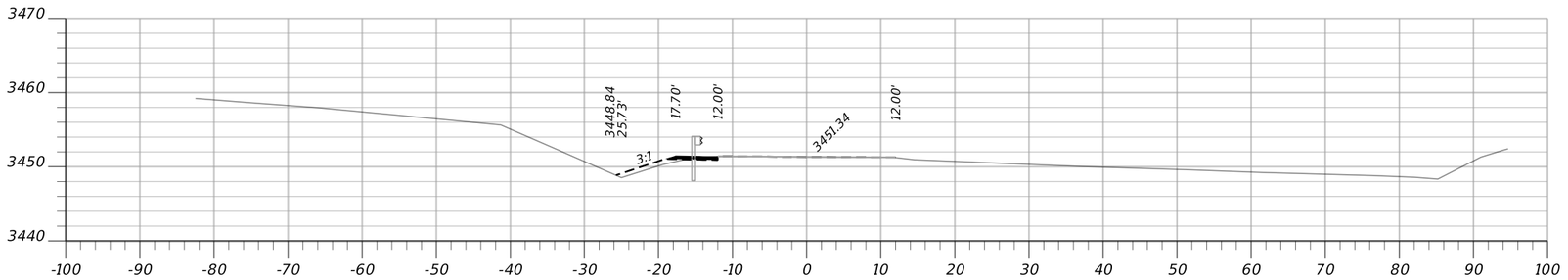


CV: 2 CY FV: 7 CY **Sta. 377+43.94** CV: 0 CY FV: 0 CY

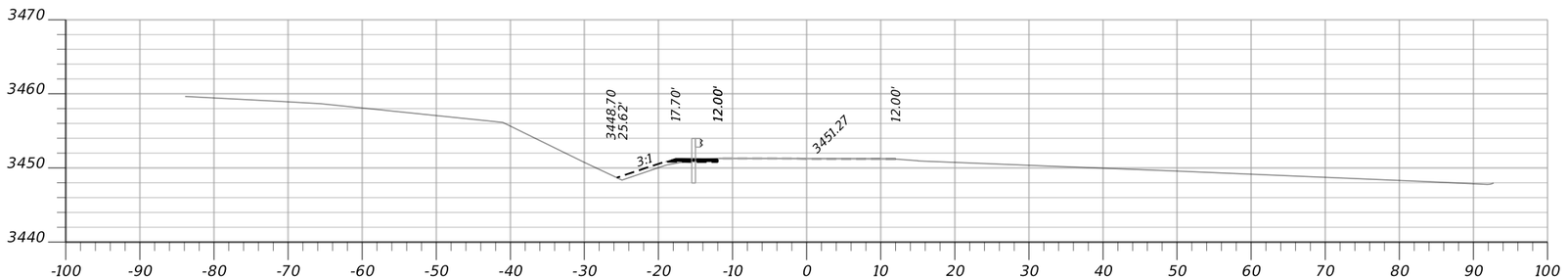
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CV: 1 CY FV: 4 CY **Sta. 378+50.00**



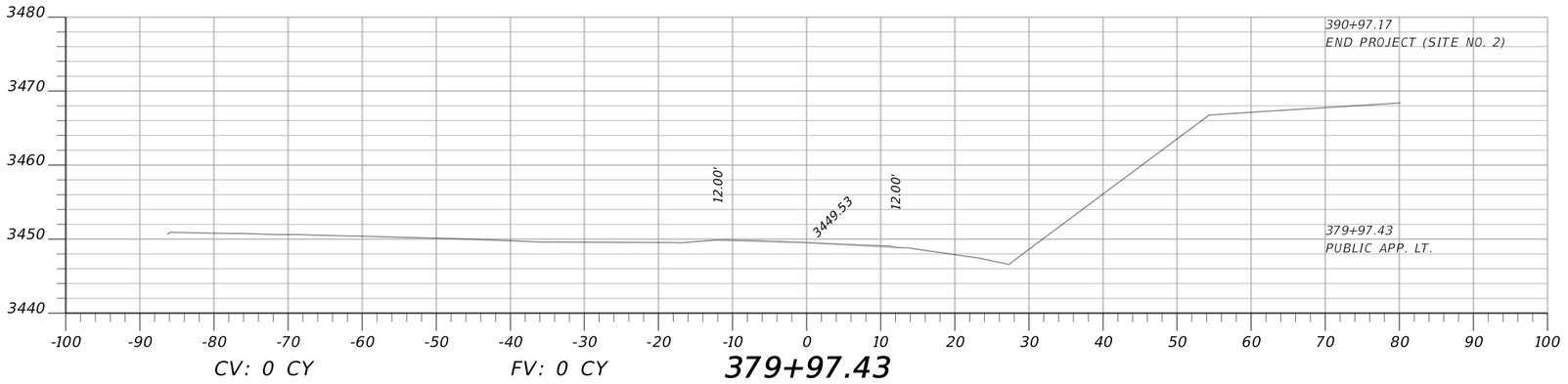
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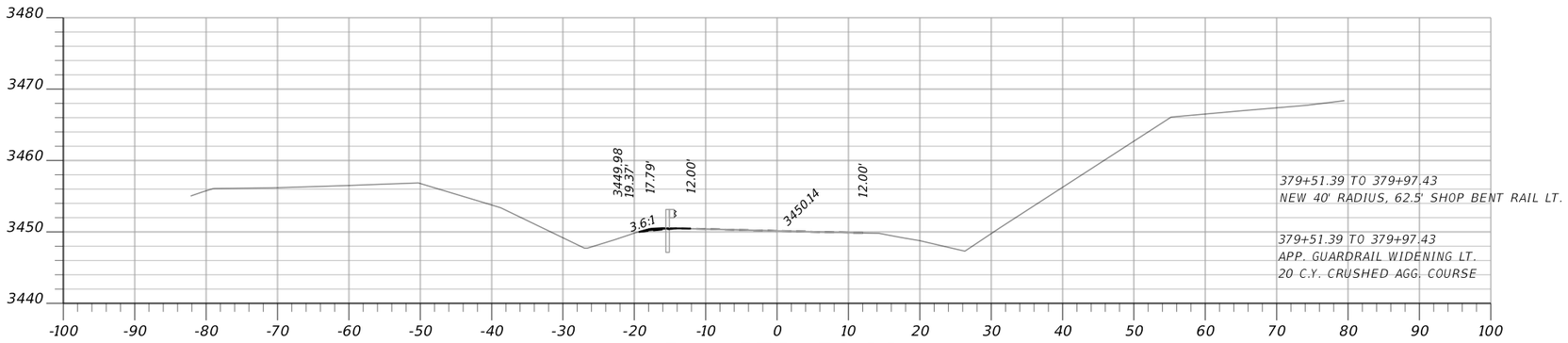
CV: 3 CY FV: 6 CY **Sta. 378+00.00**

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	12/24/2020	REVIEWED BY					
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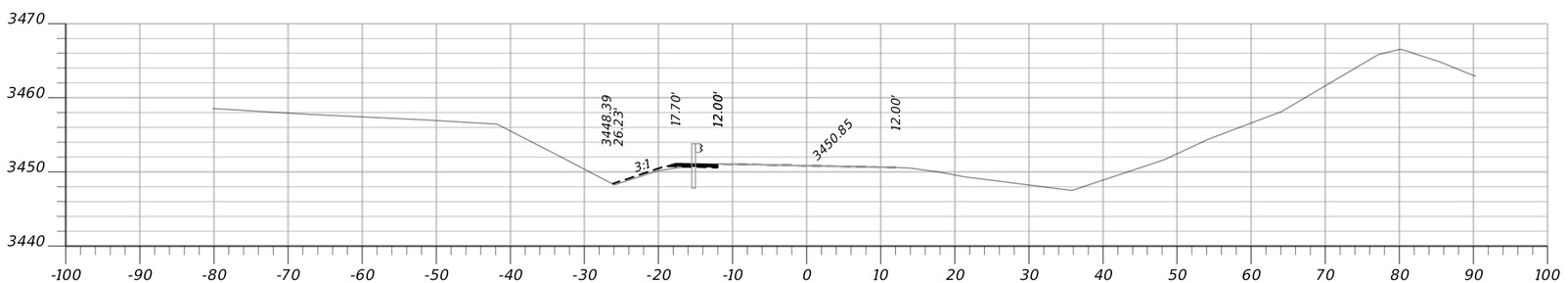
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CV: 0 CY FV: 0 CY **379+97.43**



CV: 1 CY FV: 3 CY **Sta. 379+50.00**



CV: 2 CY FV: 7 CY **Sta. 379+00.00**

MDT MONTANA DEPARTMENT OF TRANSPORTATION	C:\DGN\9635000rdlay002.dgn	DESIGNED BY	D. KRAUSE	12/10/2020	MAINLINE CROSS SECTIONS	SF 179 D1 SFTY SIGNS GUARDRAIL	HSIP STWD (647)
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