

MONTANA DEPARTMENT OF TRANSPORTATION

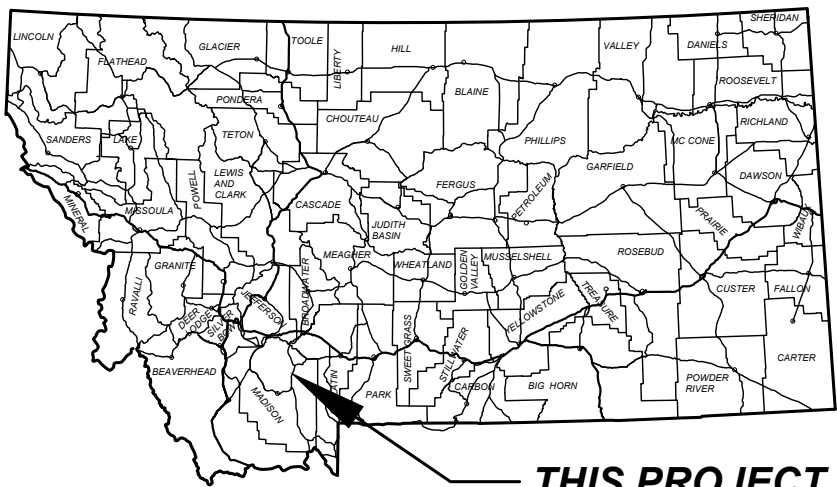
FEDERAL AID PROJECT STPP 13-1(13)55

MILL & OVERLAY, PAVING GEOTEXTILE, GUARDRAIL

NORRIS HILL

MADISON COUNTY

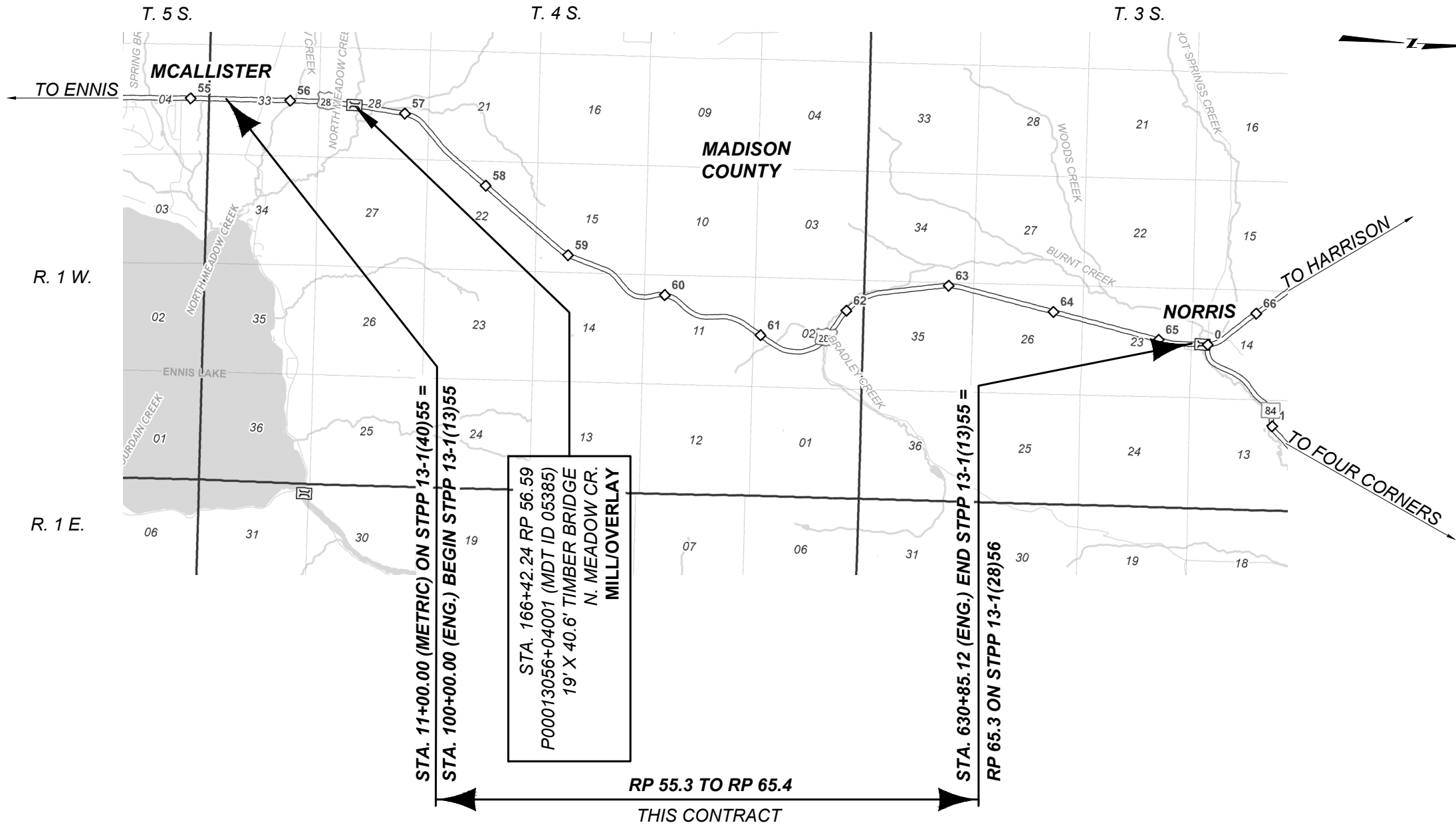
LENGTH 10.1 MILES



PROJECT DESIGN DATA

PRESENT	2025	A.A.D.T. = 3,930
LETTING	2028	A.A.D.T. = 4,050
DESIGN	2048	A.A.D.T. = 4,940
		D.H.V. = 520
		TRUCKS = 13.8%
		V. = N/A
		18 KIP ESAL'S = 275 DAILY
		ANNUAL GROWTH RATE = 1.0%

SURFACING SOURCES -
CONTRACTOR FURNISHED



SHEET NO.

1

TITLE SHEET

	DESIGNED BY	05/2026	PROJECT NAME	NORRIS HILL
	REVIEWED BY	05/2026	COUNTY	MADISON
	CHECKED BY	05/2026	PROJECT ID	STPP 13-1(13)55
	T. JOHNSON	05/2026	UPN	10561000
ROAD PLANS		10561000RDTTL001.DWG		
7/24/2026 9:11 AM				

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SHEET NO.

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BASIS OF PLAN QUANTITIES

(QUANTITIES FOR ESTIMATING PURPOSES ONLY)

COMP. WEIGHT OF PL. MIX BIT. SURF.

= 3855 LBS. PER CUBIC YARD

ASPHALT BINDER - GRADE S - 3/4" AGG.

= 5.4% OF PL.MIX BIT.SURF.

HYDRATED LIME

= 1.4% OF PL.MIX BIT.SURF.

BITUMINOUS MATERIAL

= 8.5 LBS. PER GAL.

ASPHALT BINDER - PAVING GEOTEXTILE

= 0.25 GAL. PER SQ. YARD (AVG. APPLICATION RATE)

EMULSIFIED ASPHALT - TACK

= 0.05 GAL. PER SQ. YARD (UNDILUTED)

EMULSIFIED ASPHALT - FOG SEAL (RUMBLE STRIPS)

= 0.10 GAL. PER SQ. YARD (UNDILUTED)

EMULSIFIED ASPHALT - SEAL

= 0.52 GAL. PER SQ. YARD

COVER

= 25 LBS. PER SQ. YARD

CRACK SEALING

= 0.5 LBS. PER LN. FT.

AS-BUILTS

THE FOLLOWING "AS-BUILT" PROJECTS CAN BE REFERENCED FOR INFORMATION BUT THIS PROJECT WAS RESTATIONED AND LOCATIONS ARE APPROXIMATE. STATIONING WILL NOT ALIGN BETWEEN AS-BUILTS AND THIS CONTRACT:

FAP NO. 171A (ORIGINAL - 1922)

STPP 13-1(40)55 (RECONSTRUCT - 2008)

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.

WETLANDS

WETLANDS MAY EXIST ADJACENT TO THE ROADWAY AND BEYOND THE PROJECT LIMITS. A WETLAND DELINEATION HAS NOT BEEN COMPLETED FOR THIS PROJECT. IMPACTS TO WETLAND AREAS ARE NOT ANTICIPATED IN ASSOCIATION WITH THE PROPOSED WORK. NO PERMITS HAVE BEEN OBTAINED. ANY ACTION IMPACTING WETLAND AREAS WITHOUT THE APPROPRIATE PERMITTING IS THE RESPONSIBILITY OF THE CONTRACTOR.



ROAD PLANS

7/24/2026 9:11 AM

PROJECT NAME

NORRIS HILL

COUNTY

MADISON

PROJECT ID

STPP 13-1(13)55

UPN

10561000

DESIGNED BY

J MCNEIL

05/2026

REVIEWED BY

J BERAN

05/2026

CHECKED BY

T. JOHNSON

05/2026

10561000RDTTL001.DWG

ADVERTISED COPY

NOTES

SHEET NO.

3

APPROACHES

NORRIS HILL

MADISON

STPP 13-1(13)55

10561000

PROJECT NAME

COUNTY

PROJECT ID

UPN

DESIGNED BY

J MCNEIL

REVIEWED BY

J BERAN

CHECKED BY

T. JOHNSON

10561000RDTLL001.DWG

MONTANA
Department of Transportation

ROAD PLANS

7/24/2026 9:11 AM

APPROACHES (FOR INFORMATION ONLY)

STATION	TYPE	linear feet				EXISTING SURFACING	feet	PROPOSED SURFACE ##	sq. yards	tons		tons		gallons	sq. yards	REMARKS
		WIDTH	RADIUS #		LENGTH		PMS THK.		COVER TYPE III	PLANT MIX BIT. SURF. 3/4"	PLANT MIX BIT. SURF. MISC.	ASPHALT BINDER PG 58H-34	EMULS. ASPHALT CHFRS-2P	EMULS. ASPHALT TACK	COLD MILLING ##	
			LEFT	RIGHT											0.15 ft	
135+47	FARM FIELD	24	25	25	12.0	PAVED TO 12'	0.15	PAVE 12', TAPER MILL LAST 8'			6	0.3		3	34	LT
137+74	FARM FIELD	24	25	25	12.0	PAVED TO 12'	0.15	PAVE 12', TAPER MILL LAST 8'			6	0.3		3	34	RT
140+01	FARM FIELD	24	25	25	12.0	PAVED TO 12'	0.15	PAVE 12', TAPER MILL LAST 8'			6	0.3		3	34	RT
142+76	FARM FIELD	24	25	25	12.0	PAVED TO 12'	0.15	PAVE 12', TAPER MILL LAST 8'			6	0.3		3	34	LT
151+84	FARM FIELD	24	25	25	12.0	PAVED TO 12'	0.15	PAVE 12', TAPER MILL LAST 8'			6	0.3		3	34	LT
151+84	FARM FIELD	24	25	25	12.0	PAVED TO 12'	0.15	PAVE 12', TAPER MILL LAST 8'			6	0.3		3	34	RT
163+72	FARM FIELD	24	25	25	12.0	PAVED TO 12'	0.15	PAVE 12', TAPER MILL LAST 8'			6	0.3		3	34	LT
164+67	FARM FIELD	24	25	25	12.0	PAVED TO 12'	0.15	PAVE 12', TAPER MILL LAST 8'			6	0.3		3	34	RT
206+00	FARM FIELD	24	25	25	12.0	PAVED TO 12'	0.15	PAVE 12', TAPER MILL LAST 8'			6	0.3		3	34	RT
225+27	FARM FIELD	24	25	25	12.0	PAVED TO 12'	0.15	PAVE 12', TAPER MILL LAST 8'			6	0.3		3	34	RT
227+65	FARM FIELD	24	25	25	12.0	PAVED TO 12'	0.15	PAVE 12', TAPER MILL LAST 8'			6	0.3		3	34	LT
275+46	FARM FIELD	24	25	25	12.0	PAVED TO 12'	0.15	PAVE 12', TAPER MILL LAST 8'			6	0.3		3	34	LT
277+04	FARM FIELD	24	25	25	12.0	PAVED TO 12'	0.15	PAVE 12', TAPER MILL LAST 8'			6	0.3		3	34	RT
292+04	FARM FIELD	24	25	25	12.0	PAVED TO 12'	0.15	PAVE 12', TAPER MILL LAST 8'			6	0.3		3	34	LT
292+04	FARM FIELD	24	25	25	12.0	PAVED TO 12'	0.15	PAVE 12', TAPER MILL LAST 8'			6	0.3		3	34	RT
355+09	FARM FIELD	24	25	25	12.0	PAVED TO 12'	0.15	PAVE 12', TAPER MILL LAST 8'			6	0.3		3	34	LT
366+29	FARM FIELD	24	25	25	12.0	PAVED TO 12'	0.15	PAVE 12', TAPER MILL LAST 8'			6	0.3		3	34	RT
403+56	FARM FIELD	24	25	25	12.0	PAVED TO 12'	0.15	PAVE 12', TAPER MILL LAST 8'			6	0.3		3	34	LT
410+10	FARM FIELD	60	30	30	30.0	PAVED TO 30'	0.15	PAVE 12', TAPER MILL LAST 8'			11	0.6		6	71	RT *
424+10	FARM FIELD	24	25	25	12.0	PAVED TO 12'	0.15	PAVE 12', TAPER MILL LAST 8'			6	0.3		3	34	LT
424+10	FARM FIELD	24	25	25	12.0	PAVED TO 12'	0.15	PAVE 12', TAPER MILL LAST 8'			6	0.3		3	34	RT
441+86	FARM FIELD	24	25	25	12.0	PAVED TO 12'	0.15	PAVE 12', TAPER MILL LAST 8'			6	0.3		3	34	RT
445+88	FARM FIELD	24	25	25	12.0	PAVED TO 12'	0.15	PAVE 12', TAPER MILL LAST 8'			6	0.3		3	34	LT
546+39	FARM FIELD	24	25	25	12.0	PAVED TO 12'	0.15	PAVE 12', TAPER MILL LAST 8'			6	0.3		3	34	LT
560+50	FARM FIELD	24	25	25	12.0	PAVED TO 12'	0.15	PAVE 12', TAPER MILL LAST 8'			6	0.3		3	34	RT
573+36	FARM FIELD	24	25	25	12.0	PAVED TO 12'	0.15	PAVE 12', TAPER MILL LAST 8'			6	0.3		3	34	RT
574+06	FARM FIELD	24	25	25	12.0	PAVED TO 12'	0.15	PAVE 12', TAPER MILL LAST 8'			6	0.3		3	34	LT
614+72	FARM FIELD	24	25	25	12.0	PAVED TO 12'	0.15	PAVE 12', TAPER MILL LAST 8'			6	0.3		3	34	RT
SUBTOTAL	FARM FIELD								~	~	173	8.7	~	87	989	
103+06	PRIVATE	*	*	*	25.0	PAVED TO RW		S&C ONLY 25'	149				0.3			LT *
108+11	PRIVATE	24	25	25	25.0	PAVED TO RW		S&C ONLY 25'	96				0.2			LT
112+88	PRIVATE	24	50	50	25.0	PAVED TO RW		S&C ONLY 25'	174				0.4			RT *
116+26	PRIVATE	24	25	25	25.0	PAVED		S&C ONLY 25'	96				0.2			LT
117+97	PRIVATE	35	25	25	25.0	PAVED TO RW		S&C ONLY 25'	127				0.3			RT *
119+35	PRIVATE	24	25	25	25.0	PAVED TO RW		S&C ONLY 25'	96				0.2			RT
120+47	PRIVATE	24	25	25	25.0	PAVED TO RW		S&C ONLY 25'	96				0.2			RT
179+51	PRIVATE	24	25	25	25.0	PAVED TO RW	0.15	PAVE 25', TAPER MILL LAST 8'			9	0.5		5	22	LT
180+56	PRIVATE	24	25	25	25.0	PAVED TO RW	0.15	PAVE 25', TAPER MILL LAST 8'			9	0.5		5	22	LT
180+56	PRIVATE	24	25	25	25.0	PAVED TO RW	0.15	PAVE 25', TAPER MILL LAST 8'			9	0.5		5	22	RT
462+99	PRIVATE	24	25	25	25.0	PAVED	0.15	PAVE 25', TAPER MILL LAST 8'			9	0.5		5	22	LT
493+30	PRIVATE	24	25	25	25.0	PAVED TO RW	0.15	PAVE 25', TAPER MILL LAST 8'			9	0.5		5	22	LT
493+30	PRIVATE	24	25	25	25.0	PAVED TO RW	0.15	PAVE 25', TAPER MILL LAST 8'			9	0.5		5	22	RT
519+15	PRIVATE	24	25	25	25.0	PAVED TO RW	0.15	PAVE 25', TAPER MILL LAST 8'			9	0.5		5	22	LT
519+15	PRIVATE	24	25	25	25.0	PAVED TO RW	0.15	PAVE 25', TAPER MILL LAST 8'			9	0.5		5	22	RT
614+72	PRIVATE	24	25	25	25.0	PAVED TO 12'	0.15	PAVE 25', TAPER MILL LAST 8'			9	0.5		5	22	LT
623+22	PRIVATE	24	25	25	25.0	PAVED TO RW	0.15	PAVE 25', TAPER MILL LAST 8'			9	0.5		5	22	LT
623+89	PRIVATE	30	25	25	25.0	PAVED TO RW	0.15	PAVE 25', TAPER MILL LAST 8'			11	0.6		6	27	RT *
624+35	PRIVATE	24	25	25	25.0	PAVED TO RW	0.15	PAVE 25', TAPER MILL LAST 8'			9	0.5		5	22	LT
624+69	PRIVATE	24	25	25	25.0	PAVED TO RW	0.15	PAVE 25', TAPER MILL LAST 8'			9	0.5		5	22	LT
625+94	PRIVATE	24	25	25	25.0	PAVED TO RW	0.15	PAVE 25', TAPER MILL LAST 8'			9	0.5		5	22	LT
628+97	PRIVATE	24	25	25	25.0	PAVED TO 12'	0.15	PAVE 25', TAPER MILL LAST 8'			9	0.5		5	22	LT
SUBTOTAL	PRIVATE								834	~	137	7.6	1.8	76	335	
112+88	PUBLIC	24	50	50	25.0	PAVED		S&C ONLY 25'	174				0.4			LT *
114+64	PUBLIC	24	50	50	25.0	PAVED		S&C ONLY 25'	174				0.4			LT *
123+00	PUBLIC	24	50	50	25.0	PAVED		S&C ONLY 25'	174				0.4			LT *
123+00	PUBLIC	24	50	50	25.0	PAVED		S&C ONLY 25'	174				0.4			RT *
436+24	PUBLIC	30	25	25	25.0	PAVED	0.15	PAVE 25', TAPER MILL LAST 8'	113	11		0.6	0.2	6	27	RT *
549+24	PUBLIC	24	25	25	25.0	PAVED TO 12'	0.15	PAVE 25', TAPER MILL LAST 8'	96	9		0.5	0.2	5	22	RT
625+66	PUBLIC	24	25	25	25.0	PAVED TO RW	0.15	PAVE 25', TAPER MILL LAST 8'	96	9		0.5	0.2	5	22	RT
629+44	PUBLIC	24	25	25	25.0	PAVED	0.15	PAVE 25', TAPER MILL LAST 8'	96	9		0.5	0.2	5	22	RT
SUBTOTAL	PUBLIC								1,097	38	~	2.1	2.4	21	93	

ALL RADII MEASURED TO FRONT OF GUTTER OR EDGE OF SHOULDER

SEE DETAIL

* MEASURED ON CAD

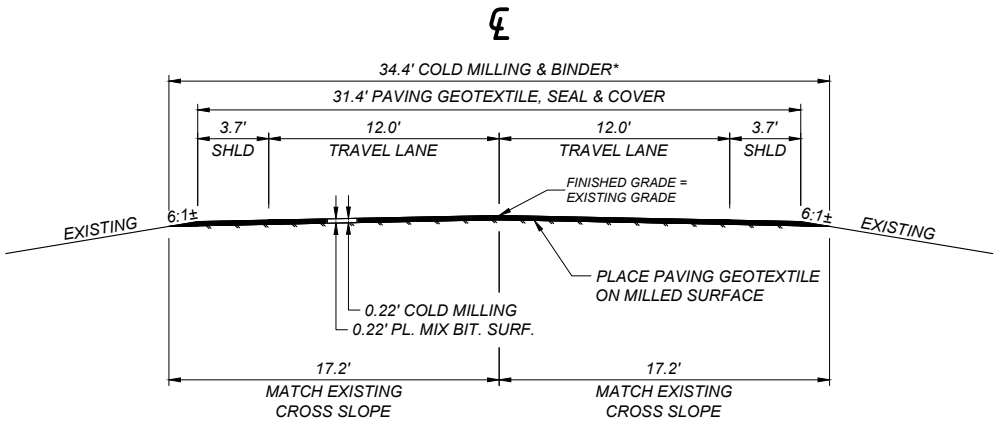
TYPICAL SECTION NO. 1
MAINLINE

100+00.00 TO 103+16.93
103+16.93 TO 106+41.74

BEGIN PROJECT
TRANS. TYP. NO. 1 TO TYP. NO. 2

SHEET NO.
4

TYPICAL SECTIONS



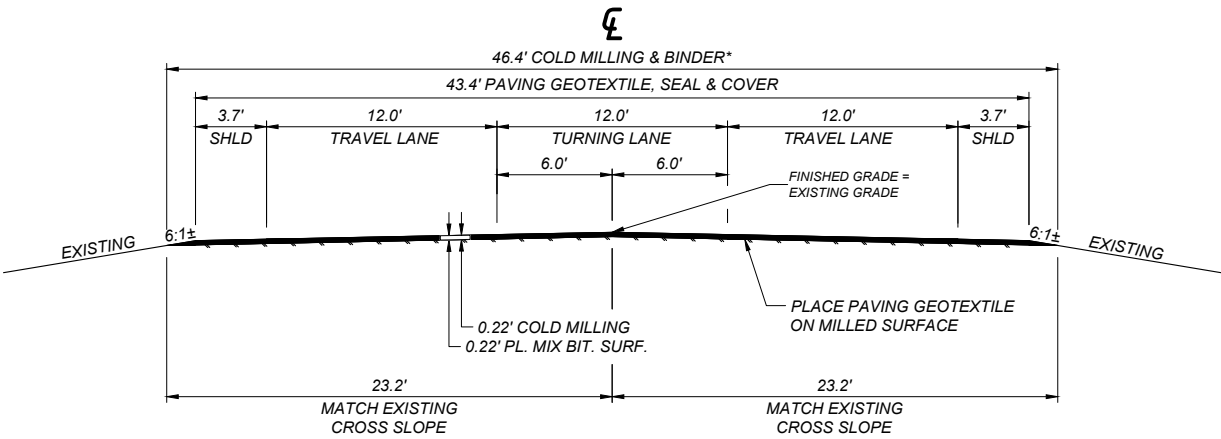
QUANTITIES							
UNIT	AGGREGATE		UNIT	BITUMINOUS MATERIAL			PAVING GEOTEXTILE
	COVER	PLANT MIX		ASPHALT BINDER	EMULSIFIED ASPHALT SEAL	ASPHALT BINDER PG 58-28*	
AREA square feet		7.24	square yards PER STATION		349	382	349
cubic yards PER STATION		26.8	tons PER STATION	2.79	0.77		
tons PER STATION		51.7	gals. PER STATION		96		
square yards PER STATION	349						

* BASED ON 1 APPLICATION FOR INFORMATION ONLY. SEE SPECIAL PROVISION FOR CONSTRUCTION PROCEDURE

TYPICAL SECTION NO. 2
MAINLINE

106+41.74 TO 114+85.90

THEN TO TYP. NO. 3



QUANTITIES							
UNIT	AGGREGATE		UNIT	BITUMINOUS MATERIAL			PAVING GEOTEXTILE
	COVER	PLANT MIX		ASPHALT BINDER	EMULSIFIED ASPHALT SEAL	ASPHALT BINDER PG 58-28*	
AREA square feet		9.88	square yards PER STATION		482	516	482
cubic yards PER STATION		36.6	tons PER STATION	3.81	1.07		
tons PER STATION		70.5	gals. PER STATION		129		
square yards PER STATION	482						

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PROJECT NAME

NORRIS HILL

COUNTY

MADISON

PROJECT ID

STPP 13-1(13)55

UPN

10561000

DESIGNED BY

J MCNEIL

05/2026

REVIEWED BY

J BERAN

05/2026

CHECKED BY

T. JOHNSON

05/2026

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MONTANA

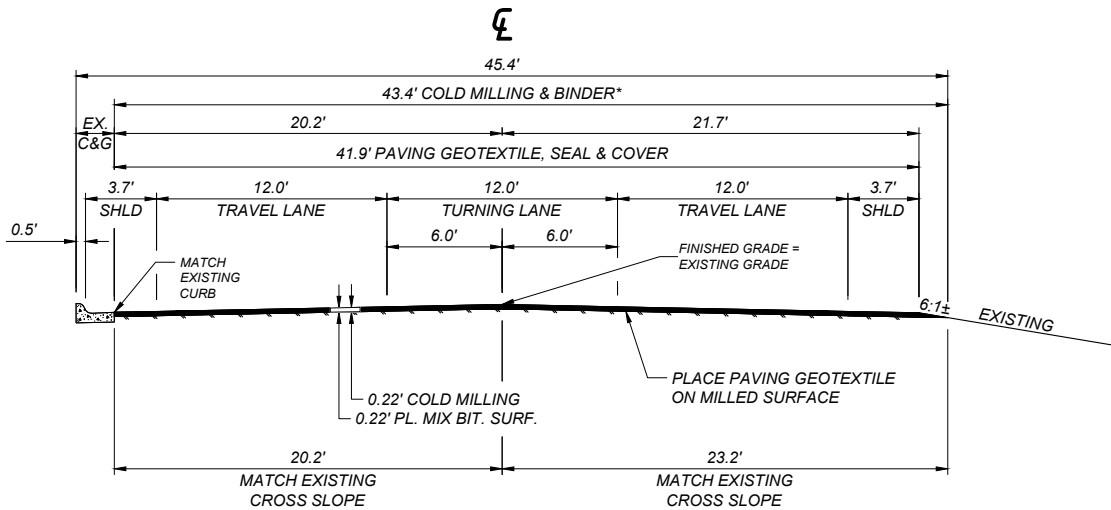
Department of Transportation

ROAD PLANS

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TYPICAL SECTION NO. 3

MAINLINE

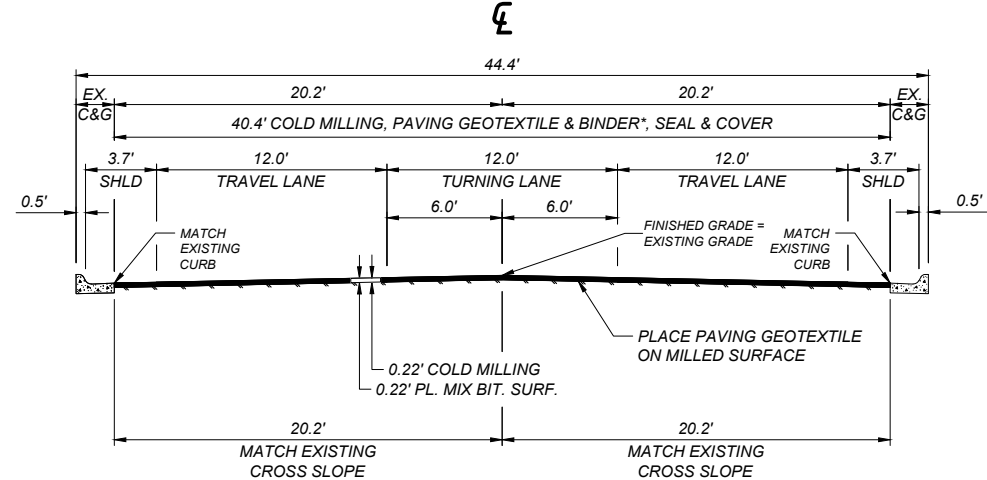


QUANTITIES							
UNIT	AGGREGATE		UNIT	BITUMINOUS MATERIAL			PAVING GEOTEXTILE
	COVER	PLANT MIX		ASPHALT BINDER	EMULSIFIED ASPHALT SEAL	ASPHALT BINDER PG 58-28*	
AREA square feet		9.38	square yards PER STATION		466	482	466
cubic yards PER STATION		34.7	tons PER STATION	3.61	1.03		
tons PER STATION		66.9	gals. PER STATION		121		
square yards PER STATION	466						

* BASED ON 1 APPLICATION FOR INFORMATION ONLY. SEE SPECIAL PROVISION FOR CONSTRUCTION PROCEDURE

TYPICAL SECTION NO. 4

MAINLINE



QUANTITIES							
UNIT	AGGREGATE		UNIT	BITUMINOUS MATERIAL			PAVING GEOTEXTILE
	COVER	PLANT MIX		ASPHALT BINDER	EMULSIFIED ASPHALT SEAL	ASPHALT BINDER PG 58-28*	
AREA square feet		8.89	square yards PER STATION		449	449	449
cubic yards PER STATION		32.9	tons PER STATION	3.42	0.99		
tons PER STATION		63.4	gals. PER STATION		112		
square yards PER STATION	449						

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DESIGNED BY
J. MCNEIL
05/2026

REVIEWED BY
J. BERAN
05/2026

CHECKED BY
T. JOHNSON
05/2026

ROAD PLANS

PROJECT NAME
NORRIS HILL

COUNTY
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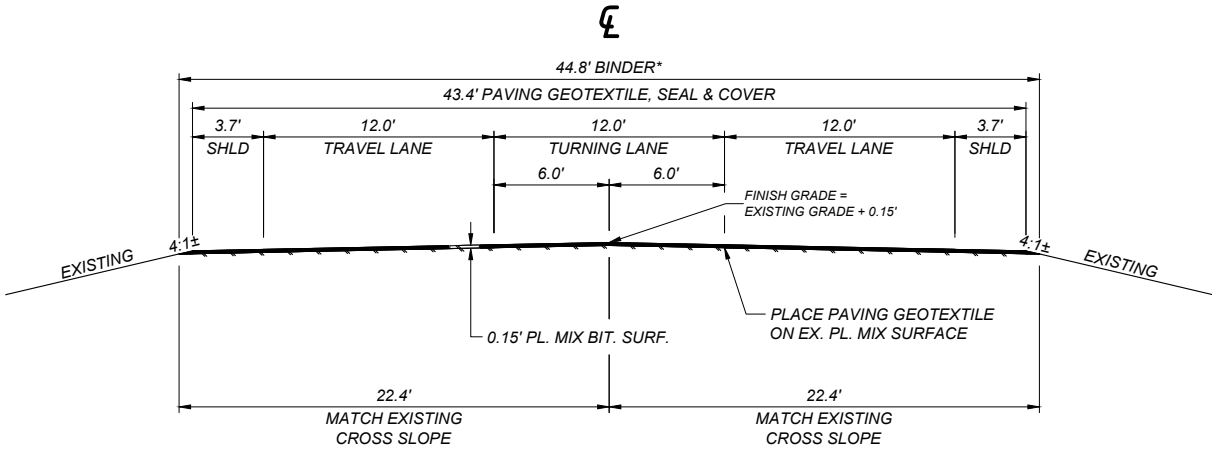
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7/24/2026 9:11 AM

TYPICAL SECTION NO. 5
MAINLINE

125+45.18 TO 130+13.52
130+13.52 TO 133+38.32 TRANS. TYP. NO. 5 TO TYP. NO. 6

SHEET NO.
6

TYPICAL SECTIONS

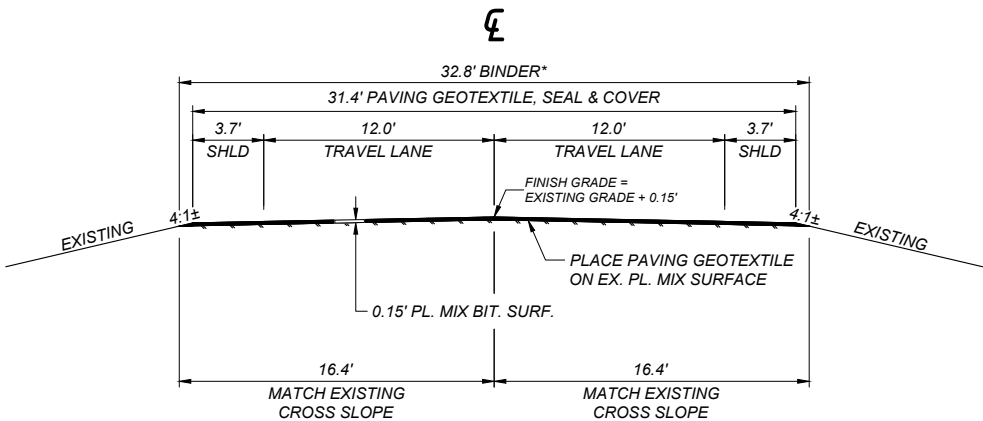


QUANTITIES						
UNIT	AGGREGATE		UNIT	BITUMINOUS MATERIAL		
	COVER	PLANT MIX		ASPHALT BINDER	EMULSIFIED ASPHALT SEAL	PAVING GEOTEXTILE
AREA square feet		6.62	square yards PER STATION		482	482
cubic yards PER STATION		24.5	tons PER STATION	2.55	1.07	
tons PER STATION		47.2	gals. PER STATION		125	
square yards PER STATION	482					

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TYPICAL SECTION NO. 6
MAINLINE

133+38.32 TO 134+12.08 THEN TO TYP. NO. 7



QUANTITIES						
UNIT	AGGREGATE		UNIT	BITUMINOUS MATERIAL		
	COVER	PLANT MIX		ASPHALT BINDER	EMULSIFIED ASPHALT SEAL	PAVING GEOTEXTILE
AREA square feet		4.82	square yards PER STATION		349	349
cubic yards PER STATION		17.9	tons PER STATION	1.86	0.77	
tons PER STATION		34.5	gals. PER STATION		91	
square yards PER STATION	349					

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05/2026

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MADISON

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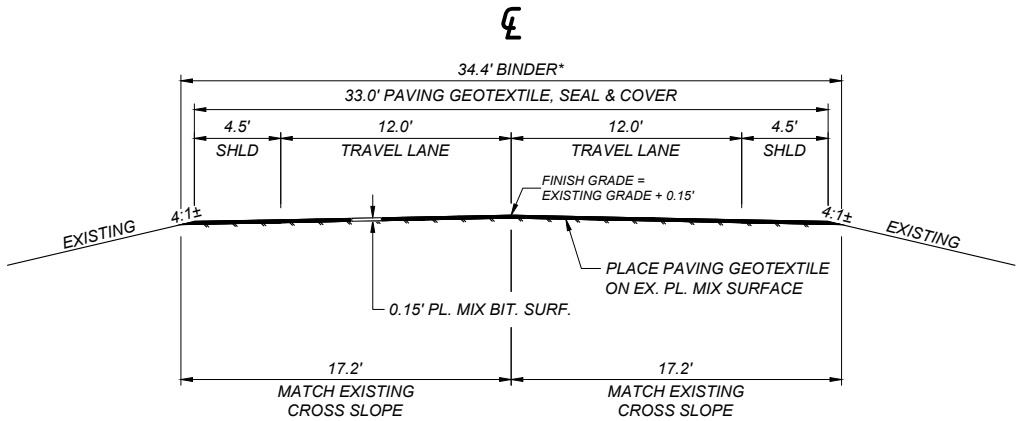
MONTANA
Department of Transportation

ROAD PLANS

7/24/2026 9:11 AM

TYPICAL SECTION NO. 7
MAINLINE

134+12.08 TO 164+32.74
164+32.74 TO 166+32.74 BE TRANS. TYP. NO. 7 TO TYP. NO. 8
168+51.74 TO 172+93.00 THEN TO TYP. NO. 9
484+54.24 TO 628+85.12
628+85.12 TO 630+85.12 TRANS. TYP. NO. 7 TO TYP. NO. 13

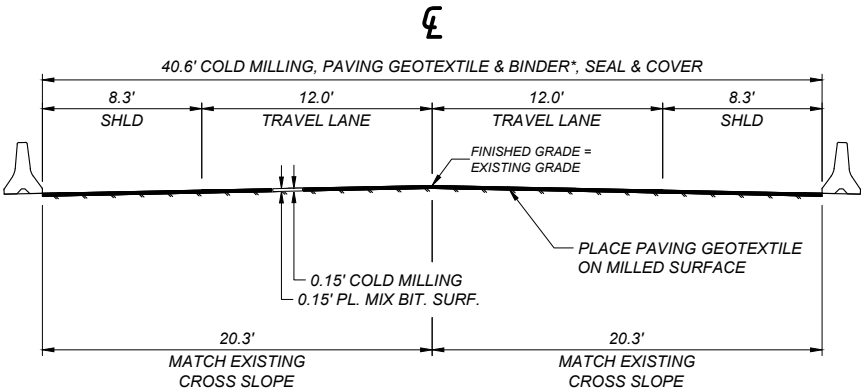


QUANTITIES						
UNIT	AGGREGATE		UNIT	BITUMINOUS MATERIAL		
	COVER	PLANT MIX		ASPHALT BINDER	EMULSIFIED ASPHALT SEAL	PAVING GEOTEXTILE
AREA square feet		5.06	square yards PER STATION		367	367
cubic yards PER STATION		18.7	tons PER STATION	1.94	0.81	
tons PER STATION		36.0	gals. PER STATION		96	
square yards PER STATION	367					

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TYPICAL SECTION NO. 8
MAINLINE - BRIDGE DECK

166+32.74 BE ONLY
166+51.74 BE TO 168+51.74 TRANS. TYP. NO. 8 TO TYP. NO. 7



QUANTITIES							
UNIT	AGGREGATE		UNIT	BITUMINOUS MATERIAL			COLD MILLING
	COVER	PLANT MIX		ASPHALT BINDER	EMULSIFIED ASPHALT SEAL	ASPHALT BINDER PG 58-28*	
AREA square feet		6.09	square yards PER STATION		451	451	451
cubic yards PER STATION		22.6	tons PER STATION	2.35	1.00		
tons PER STATION		43.6	gals. PER STATION			113	
square yards PER STATION	451						

* BASED ON 1 APPLICATION FOR INFORMATION ONLY. SEE SPECIAL PROVISION FOR CONSTRUCTION PROCEDURE

SHEET NO.

7

TYPICAL SECTIONS

NORRIS HILL

MADISON

STPP 13-1(13)55

10561000

PROJECT NAME

COUNTY

PROJECT ID

UPN

DESIGNED BY

J MCNEIL

REVIEWED BY

J BERAN

CHECKED BY

T. JOHNSON

10561000RDTYP001.DWG

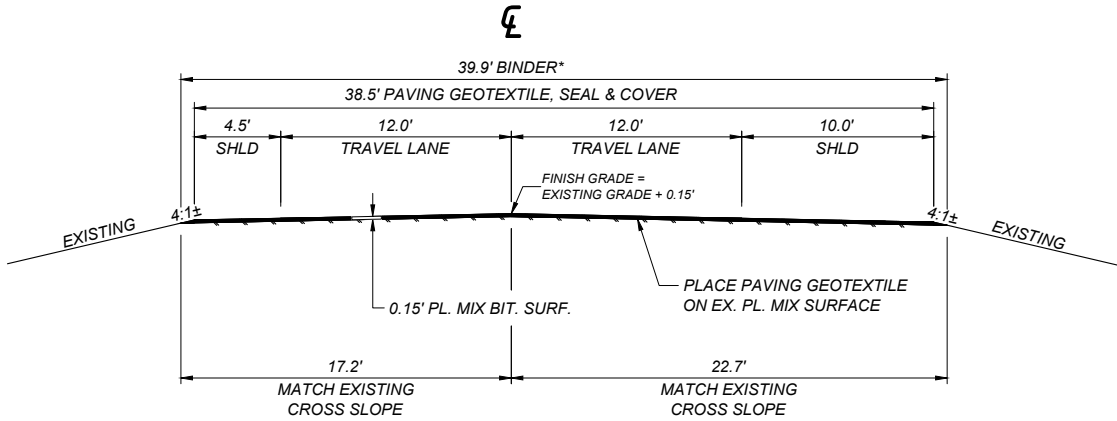


ROAD PLANS

7/24/2026 9:11 AM

TYPICAL SECTION NO. 9

MAINLINE

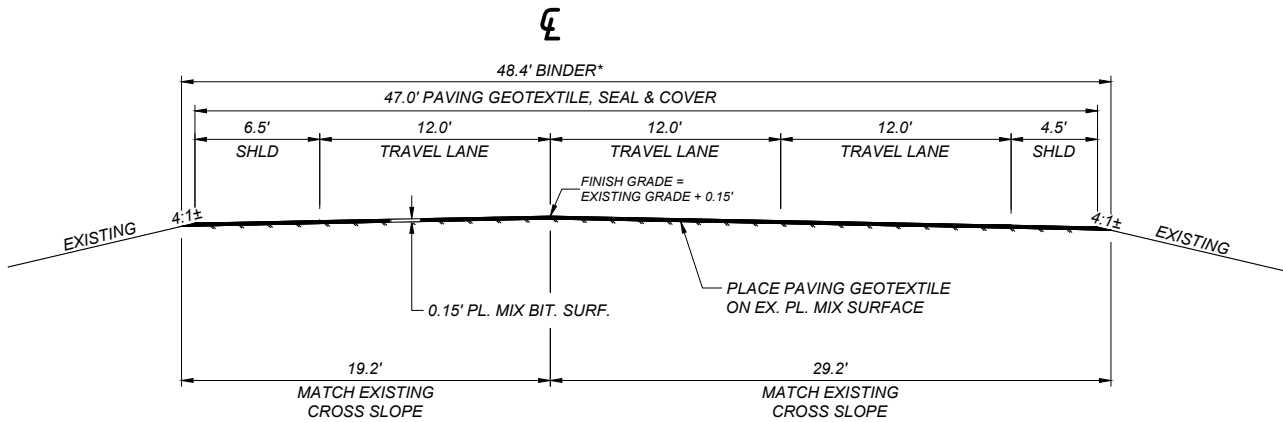


QUANTITIES						
UNIT	AGGREGATE		UNIT	BITUMINOUS MATERIAL		
	COVER	PLANT MIX		ASPHALT BINDER	EMULSIFIED ASPHALT SEAL	PAVING GEOTEXTILE
AREA square feet		5.88	square yards PER STATION		428	428
cubic yards PER STATION		21.8	tons PER STATION	2.27	0.95	
tons PER STATION		42.0	gals. PER STATION		111	
square yards PER STATION	428					

* BASED ON 1 APPLICATION FOR INFORMATION ONLY. SEE SPECIAL PROVISION FOR CONSTRUCTION PROCEDURE

TYPICAL SECTION NO. 10

MAINLINE (REVERSE FROM 361+00 TO 444+62.56 FOR SB CLIMBING LANES)



QUANTITIES						
UNIT	AGGREGATE		UNIT	BITUMINOUS MATERIAL		
	COVER	PLANT MIX		ASPHALT BINDER	EMULSIFIED ASPHALT SEAL	PAVING GEOTEXTILE
AREA square feet		7.16	square yards PER STATION		522	522
cubic yards PER STATION		26.5	tons PER STATION	2.76	1.15	
tons PER STATION		51.1	gals. PER STATION		135	
square yards PER STATION	522					

* BASED ON 1 APPLICATION FOR INFORMATION ONLY. SEE SPECIAL PROVISION FOR CONSTRUCTION PROCEDURE

172+93.00 TO 174+76.48
174+76.48 TO 177+61.27
TRANS. TYP. NO. 9 TO TYP. NO. 10

177+61.27 TO 344+78.02
344+78.02 TO 347+00.00
361+00.00 TO 437+02.24
437+02.24 TO 444+62.56
TRANS. TYP. NO. 10 TO TYP. NO. 11
TRANS. TYP. NO. 10 TO TYP. NO. 12

SHEET NO.

8

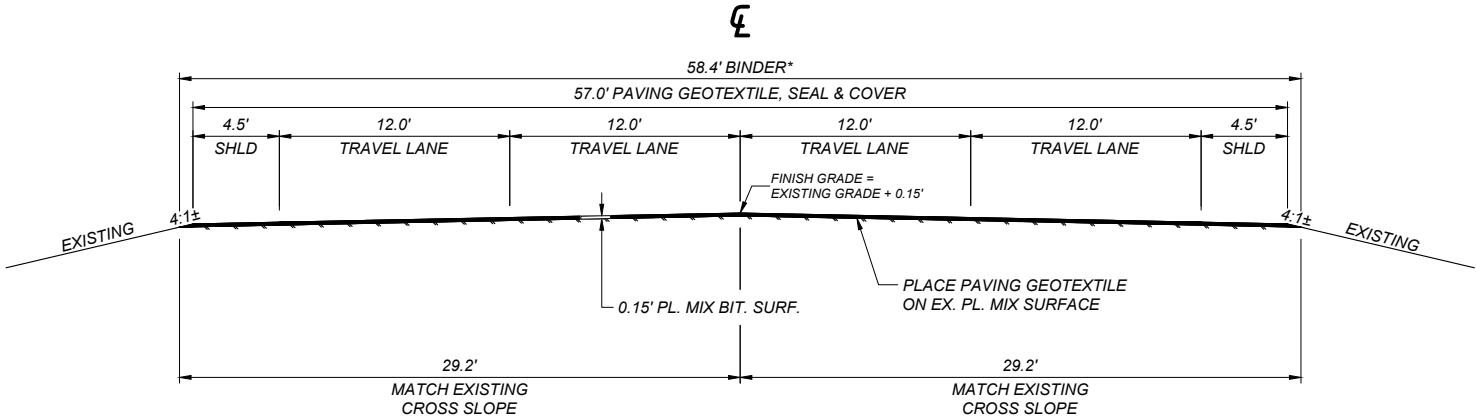
TYPICAL SECTIONS

PROJECT NAME	NORRIS HILL	
	MADISON	
	STPP 13-1(13)55	
	10561000	
DESIGNED BY	J MCNEIL	05/2026
REVIEWED BY	J BERAN	05/2026
CHECKED BY	T. JOHNSON	05/2026
10561000RDTYP001.DWG		
MONTANA Department of Transportation		ROAD PLANS
		7/24/2026 9:11 AM

TYPICAL SECTION NO. 11

MAINLINE - HISTORICAL LOOKOUT

347+00.00 TO 357+35.00
357+35.00 TO 361+00.00 TRANS. TYP. NO. 11 TO TYP. NO. 10



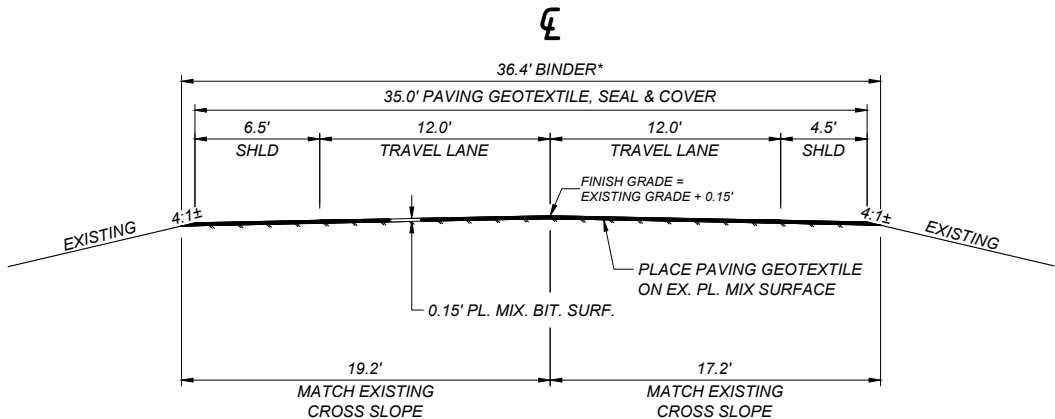
QUANTITIES						
UNIT	AGGREGATE		UNIT	BITUMINOUS MATERIAL		
	COVER	PLANT MIX		ASPHALT BINDER	EMULSIFIED ASPHALT SEAL	PAVING GEOTEXTILE
AREA square feet		8.66	square yards PER STATION		633	649
cubic yards PER STATION		32.1	tons PER STATION	3.34	1.40	
tons PER STATION		61.9	gals. PER STATION		162	
square yards PER STATION	633					

* BASED ON 1 APPLICATION FOR INFORMATION ONLY. SEE SPECIAL PROVISION FOR CONSTRUCTION PROCEDURE

444+62.56 TO 484+54.24 THEN TO TYP. NO. 7

TYPICAL SECTION NO. 12

MAINLINE



QUANTITIES						
UNIT	AGGREGATE		UNIT	BITUMINOUS MATERIAL		
	COVER	PLANT MIX		ASPHALT BINDER	EMULSIFIED ASPHALT SEAL	PAVING GEOTEXTILE
AREA square feet		5.36	square yards PER STATION		389	404
cubic yards PER STATION		19.9	tons PER STATION	2.07	0.86	
tons PER STATION		38.4	gals. PER STATION		101	
square yards PER STATION	389					

* BASED ON 1 APPLICATION FOR INFORMATION ONLY. SEE SPECIAL PROVISION FOR CONSTRUCTION PROCEDURE

SHEET NO.

9

TYPICAL SECTIONS

NORRIS HILL
MADISON
STPP 13-1(13)55
10561000

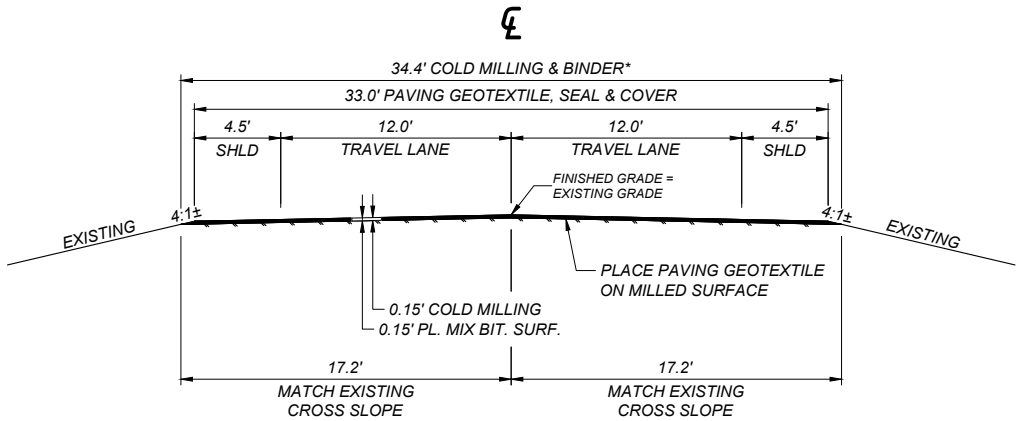
PROJECT NAME
COUNTY
PROJECT ID
UPN

DESIGNED BY
J MCNEIL
REVIEWED BY
J BERAN
CHECKED BY
T. JOHNSON
10561000RDTYP001.DWG

MONTANA
Department of Transportation
ROAD PLANS
7/24/2026 9:11 AM

TYPICAL SECTION NO. 13

MAINLINE



QUANTITIES							
UNIT	AGGREGATE		UNIT	BITUMINOUS MATERIAL			PAVING GEOTEXTILE
	COVER	PLANT MIX		ASPHALT BINDER	EMULSIFIED ASPHALT SEAL	ASPHALT BINDER PG 58-28*	
AREA square feet		5.06	square yards PER STATION		367	382	367
cubic yards PER STATION		18.7	tons PER STATION	1.94	0.81		
tons PER STATION		36.0	gals. PER STATION		96		
square yards PER STATION	367						

* BASED ON 1 APPLICATION FOR INFORMATION ONLY. SEE SPECIAL PROVISION FOR CONSTRUCTION PROCEDURE

TYPICAL SECTIONS

NORRIS HILL

MADISON

STPP 13-1(13)55

10561000

PROJECT NAME

COUNTY

PROJECT ID

UPN

DESIGNED BY

05/2026

REVIEWED BY

05/2026

CHECKED BY

05/2026

10561000RDTYP001.DWG



ROAD PLANS

7/24/2026 9:11 AM

PROJECT NAME		NORRIS HILL	
DESIGNED BY	J MCNEIL	COUNTY	
		MADISON	
REVIEWED BY	J BERAN	PROJECT ID	
		STPP 13-1(13)55	
CHECKED BY	T. JOHNSON	UPN	
		10561000	



MONTANA

Department of Transportation

ROAD PLANS

7/24/2026 9:11 AM

SURFACING																		
STATION		linear feet				FOR	tons	AGGREGATE			BITUMINOUS MATERIAL			sq. yards	gals.	sq. yards		REMARKS
		GROSS	NET	+	-		HYDRATED LIME	sq. yards	tons		tons		gals.					
									COVER TYPE III	PLANT MIX BIT. SURF. GR. S - 3/4"	PLANT MIX BIT. SURF. MISC.	ASPHALT BINDER PG 58H-34		EMULSIFIED ASPHALT CHFRS-2P	EMULSIFIED ASPHALT TACK	PAVING GEOTEXTILE #	ASPHALT BINDER PG 58-28 # @	
FROM	TO																	
100+00.00	103+16.93	316.93	316.93					1,106	164		8.8	2.4		1,106	304		1,211	TYP. NO. 1
103+16.93	106+41.74	324.81	324.81					1,350	198		10.7	3.0		1,350	365		1,458	TRANS. TYP. NO. 1 TO TYP. NO. 2
106+41.74	114+85.90	844.16	844.16					4,069	595		32.2	9.0		4,069	1,089		4,356	TYP. NO. 2
114+85.90	118+01.18	315.28	315.28					1,469	211		11.4	3.2		1,469	381		1,520	TYP. NO. 3
118+01.18	123+45.18	544.00	544.00					2,443	345		18.6	5.4		2,443	609		2,443	TYP. NO. 4
123+45.18	125+45.18	200.00	200.00					931	111		6.0	2.1		931	237		947	TRANS. TYP. NO. 4 TO TYP. NO. 5
125+45.18	130+13.52	468.34	468.34					2,257	221		11.9	5.0		2,257	585			TYP. NO. 5
130+13.52	133+38.32	324.80	324.80					1,350	133		7.2	3.0		1,350	351			TRANS. TYP. NO. 5 TO TYP. NO. 6
133+38.32	134+12.08	73.76	73.76					257	25		1.4	0.6		257	67			TYP. NO. 6
134+12.08	164+32.74	3,020.66	3,020.66					11,086	1,087		58.6	24.5		11,086	2,900			TYP. NO. 7
164+32.74	166+32.74 BE	200.00	200.00					818	80		4.3	1.8		818	209	833		TRANS. TYP. NO. 7 TO TYP. NO. 8
166+32.74 BE	166+51.74 BE	19.00			19.00	BRIDGE												
166+51.74 BE	168+51.74	200.00	200.00					818	80		4.3	1.8		818	209	833		TRANS. TYP. NO. 8 TO TYP. NO. 7
168+51.74	172+93.00	441.26	441.26					1,619	159		8.6	3.6		1,619	424			TYP. NO. 7
172+93.00	174+76.48	183.48	183.48					785	77		4.2	1.7		785	204			TYP. NO. 9
174+76.48	177+61.27	284.79	284.79					1,353	133		7.2	3.0		1,353	350			TRANS. TYP. NO. 9 TO TYP. NO. 10
177+61.27	344+78.02	16,716.75	16,716.75					87,261	8,542		461.4	192.2		87,261	22,568			TYP. NO. 10
344+78.02	347+00.00	221.98	221.98					1,282	125		6.8	2.8		1,282	330			TRANS. TYP. NO. 10 TO TYP. NO. 11
347+00.00	357+35.00	1,035.00	1,035.00					6,552	641		34.6	14.5		6,552	1,677			TYP. NO. 11
357+35.00	361+00.00	365.00	365.00					2,108	206		11.1	4.7		2,108	542			TRANS. TYP. NO. 11 TO TYP. NO. 10
361+00.00	437+02.24	7,602.24	7,602.24					39,684	3,885		209.8	87.4		39,684	10,263			TYP. NO. 10
437+02.24	444+62.56	760.32	760.32					3,463	340		18.4	7.6		3,463	897			TRANS. TYP. NO. 10 TO TYP. NO. 12
444+62.56	484+54.24	3,991.68	3,991.68					15,528	1,533		82.6	34.3		15,528	4,032			TYP. NO. 12
484+54.24	628+85.12	14,430.88	14,430.88					52,961	5,195		280.0	116.9		52,961	13,854			TYP. NO. 7
628+85.12	630+85.12	200.00	200.00					734	72		3.9	1.6		734	192	764		TRANS. TYP. NO. 7 TO TYP. NO. 13
						ADDITIONAL SURFACING		6,723	46	765	43.4	14.9	184	4,792	1,198	1,721		
SUBTOTAL							~	~	~	~	~	~	~	~	63,837	4,151	11,935	
TOTAL		53,085.12	53,066.12	~	~		350	248,007	24,204	765	1,347.4	547.0	184	246,076	~		16,086	

SEE SPECIAL PROVISION
@ FOR INFORMATION ONLY AND INCLUDED IN THE COST OF PAVING GEOTEXTILE

ADDITIONAL SURFACING (INCLUDED IN SURFACING FRAME)																		
STATION		linear feet				FOR	tons	AGGREGATE			BITUMINOUS MATERIAL			sq. yards	gals.	sq. yards		REMARKS
		GROSS	NET	+	-		HYDRATED LIME	sq. yards	tons		tons		gals.	PAVING GEOTEXTILE #	ASPHALT BINDER PG 58-28 # @	COLD MILLING		
								COVER TYPE III	PLANT MIX BIT. SURF. GR. S - 3/4"	PLANT MIX BIT. SURF. MISC.	ASPHALT BINDER PG 58H-34	EMULSIFIED ASPHALT CHFRS-2P	EMULSIFIED ASPHALT TACK			0.15 ft	0.22 ft	
FROM	TO																	
160+50.84	166+32.74 BE	581.90	581.90			S.B. MEADOW CREEK CHAIN-UP AREA		342		33	1.8	0.8		342	86	90*		LT. ##
166+32.74 BE	166+51.74 BE	19.00	19.00			MEADOW CREEK BRIDGE		86	8		0.4	0.2		86	21	86		TYP. NO. 8
166+51.74 BE	172+93.00	641.26	641.26			N.B. MEADOW CREEK CHAIN-UP AREA		545		53	2.9	1.2		545	136	128*		RT. ##
347+00.00	357+35.00	1,035.00	1,035.00			HISTORIC LOOKOUT		3,079		297	16.0	6.8		3,079	770			LT. & RT. ##
473+93.00	479+57.00	564.00	564.00			N.B. BRADLEY CREEK CHAIN-UP AREA		444		43	2.3	1.0		444	111			RT. ##
477+69.08	483+20.08	551.00	551.00			S.B. BRADLEY CREEK CHAIN-UP AREA		296		29	1.6	0.7		296	74			LT. ##
						28 FARM FIELD APPROACHES				173	8.7		87			989		*
						22 PRIVATE APPROACHES		834		137	7.6	1.8	76			335		*
						8 PUBLIC APPROACHES		1,097	38		2.1	2.4	21			93		*
SUBTOTAL		~	~	~	~		~	6,723	46	765	43.4	14.9	184	4,792	1,198	1,721	~	

* SEE DETAIL
MEASURED ON CAD
SEE SPECIAL PROVISION
@ FOR INFORMATION ONLY AND INCLUDED IN THE COST OF PAVING GEOTEXTILE

GUARDRAIL																		
STATION		linear feet								each								REMARKS
		REMOVE GUARDRAIL		MGS GUARDRAIL		BOX BEAM GUARDRAIL		MGS INTERSECTING ROADWAY TERMINAL SECTION		MASH W-BEAM TERMINAL SECTION		OPTIONAL BOX BEAM TERMINAL SECTION		BRIDGE APPROACH SECTION TYPE I		GUARDRAIL END SECTION WIDENING #		
FROM	TO	LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT	
NEW RAIL																		
165+48.37	166+32.74 BE			* 25						1				1		1		
165+48.37	166+32.74 BE				* 25						1				1		1	
166+51.74 BE	167+36.11			* 25						1				1		1		
166+51.74 BE	167+36.11				* 25						1				1		1	
181+90.33	216+88.21					3,474						2				2		
304+90.51	310+18.39					504						2				2		
314+56.56	338+38.44					2,358						2				2		
374+75.35	403+43.23					2,844						2				2		
431+09.13	435+88.63				425.0				75.0		1						1	
431+66.95	445+58.83					1,368						2				2		
446+17.07	458+82.95					1,242						2				2		
REMOVE RAIL																		
165+67.70	166+32.74 BE	65.0																
165+67.70	166+32.74 BE		65.0															
166+51.74 BE	167+16.55	64.8																
166+51.74 BE	167+16.55		64.8															
181+89.77	216+71.16	3,481.4																
304+89.95	310+16.25	526.3																
314+56.00	338+34.64	2,378.6																
374+74.79	403+26.27	2,851.5																
430+99.95	435+88.63		488.7															
431+72.35	445+58.83	1,386.5																
446+16.51	458+71.45	1,254.9																
SUBTOTAL		12,009.0	618.5	50.0	475.0	11,790	~	~	75.0	2	3	12	~	2	2	14	3	
TOTAL		12,628		475		11,790		75		5		12		4		17		

* INCLUDES GUARDRAIL HEIGHT TRANSITION OVER 25' FROM MGS RAIL TO BRIDGE APPROACH SECTION
ALL GUARDRAIL END SECTION WIDENING OCCURS ON THE ADVANCEMENT RUN OF RAIL

RUMBLE STRIPS					
STATION		miles		gals	REMARKS
		RUMBLE STRIPS		EMULSIFIED ASPHALT FOG SEAL #	
		INTER- MITTENT	CENTERLINE TYPE 3		
FROM	TO				
125+65.00	615+40.00		9.2	1,079	BEGIN AT NORTHBOUND 55 MPH SIGN
125+65.00	134+12.08	0.3		38	LT. & RT. - MODIFIED *- BEGIN AT NORTHBOUND 55 MPH SIGN
134+12.08	160+50.84	1.0		117	LT. & RT.
160+50.84	166+32.74 BE	0.2		26	LT. & RT. - MODIFIED FOR LT. ONLY *
166+51.74 BE	172+93.00	0.2		29	LT. & RT. - MODIFIED FOR RT. ONLY *
172+93.00	473+93.00	11.3		1,338	LT. & RT.
473+93.00	477+68.83	0.1		17	LT. & RT. - MODIFIED FOR RT. ONLY *
477+68.83	479+57.00	0.1		8	LT. & RT. - MODIFIED *
479+57.00	483+20.14	0.1		16	LT. & RT. - MODIFIED FOR LT. ONLY *
483+20.14	615+40.00	5.0		588	LT. & RT. - END AT NORTHBOUND 45 MPH SIGN
SUBTOTAL		18.3	9.2	3,256	
TOTAL		18.3	9.2	~	

FOR INFORMATION ONLY, INCLUDED IN THE COST OF RUMBLE STRIPS
* SEE DETAIL DRAWING 411-03

PAVEMENT MARKINGS				
ITEM	UNIT	INTERIM APPLICATION #	FINAL APPLICATION	TOTAL
STRIPING - WHITE PAINT	gallon	806		806
STRIPING - YELLOW PAINT	gallon	624		624
WORDS & SYMBOLS - WHITE PAINT	gallon	22		22
WORDS & SYMBOLS - YELLOW PAINT	gallon	26		26
STRIPE GROOVING ##	linear feet		200,976	200,976
STRIPE GROOVING - WORD & SYMBOLS	square feet		2,155	2,155
STRIPING - WHITE EPOXY	gallon		537	537
STRIPING - YELLOW EPOXY	gallon		416	416
WORDS & SYMBOLS - WHITE EPOXY	gallon		15	15
WORDS & SYMBOLS - YELLOW EPOXY	gallon		17	17
YELLOW CURB EPOXY	gallon		16	16
TEMPORARY STRIPING	linear feet			101,239
FINAL SWEEP AND BROOM	course mile			13.0

BASED ON 2 APPLICATIONS
STRIPE GROOVING EVERYWHERE EXCEPT WHERE CENTERLINE IS SKIP LINE ONLY

CRACK SEALING				
STATION		TRANSVERSE & LONGITUDINAL CRACK SEALING		REMARKS
		CRACK SEALING		
FROM	TO	pounds	linear feet	
123+45.18	630+85.12	164,473	328,946	SEE SPECIAL PROVISION
SUBTOTAL		164,473	328,946	
TOTAL		164,473	#	

FOR INFORMATION ONLY

DESIGNED BY
J MCNEIL

REVIEWED BY
J BERAN

CHECKED BY
T. JOHNSON

05/2026

05/2026

05/2026

10561000RDSUM001.DWG

PROJECT NAME
NORRIS HILL

COUNTY
MADISON

PROJECT ID
STPP 13-1(13)55

UPN
10561000

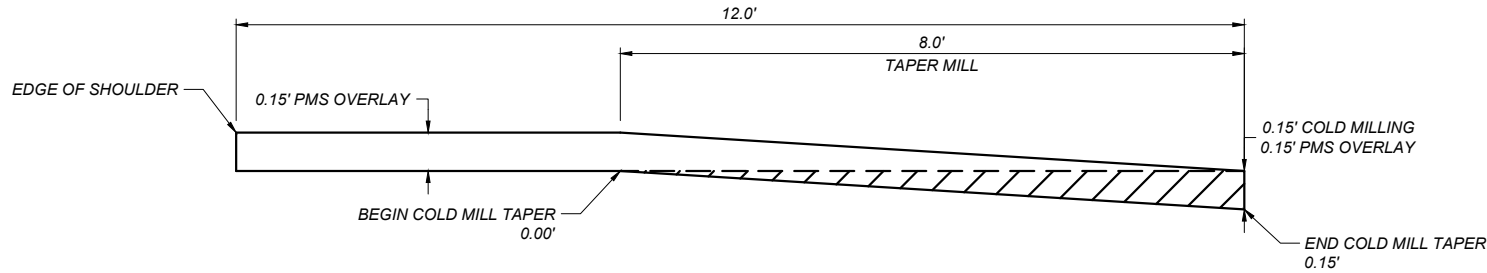
MONTANA

Department of Transportation

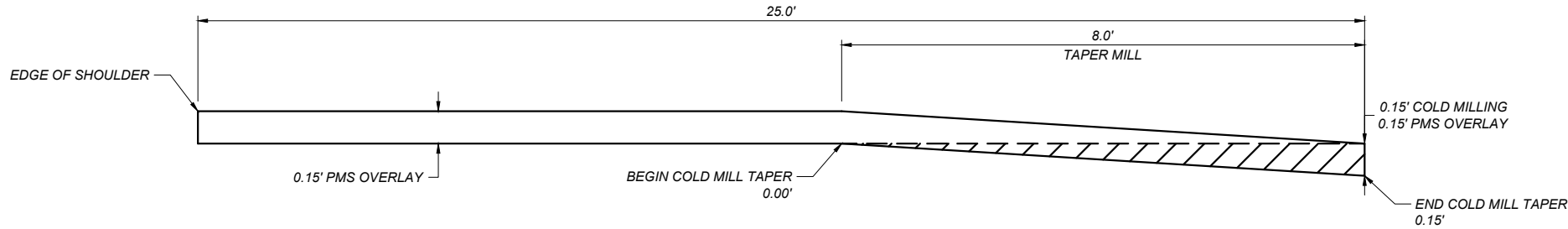
ROAD PLANS

7/24/2026 9:11 AM

APPROACH TIE-IN
(FARM FIELD)



APPROACH TIE-IN
(PRIVATE & PUBLIC)



SHEET NO.

13

APPROACH TIE-IN
DETAILS

NORRIS HILL

MADISON

STPP 13-1(13)55

10561000

PROJECT NAME

COUNTY

PROJECT ID

UPN

DESIGNED BY

J MCNEIL 05/2026

REVIEWED BY

J BERAN 05/2026

CHECKED BY

T. JOHNSON 05/2026

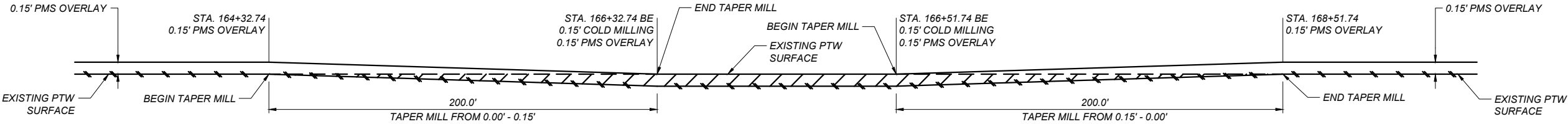
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ROAD PLANS

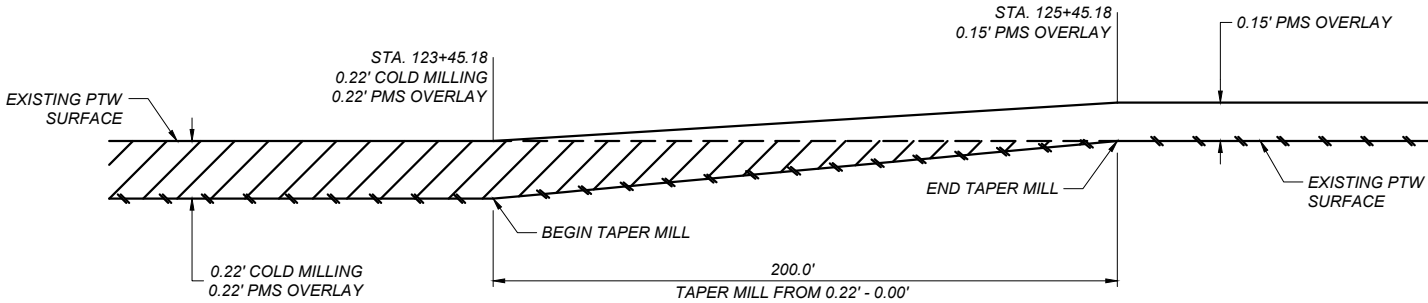
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BRIDGE TAPER MILL

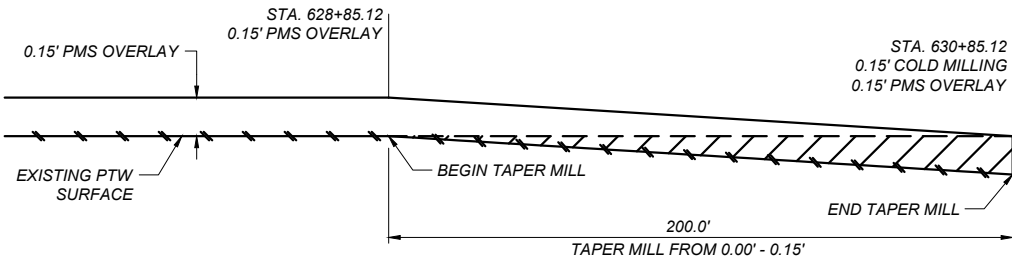


SHEET NO.		14	
BRIDGE TAPER DETAIL			
 ROAD PLANS	PROJECT NAME		NORRIS HILL
	COUNTY		MADISON
	PROJECT ID		STPP 13-1(13)55
	UPN		10561000
DESIGNED BY		J MCNEIL	05/2026
REVIEWED BY		J BERAN	05/2026
CHECKED BY		T. JOHNSON	05/2026
		10561000RDET002.DWG	
		7/24/2026 9:12 AM	

COLD MILLING CONNECTION
TO PTW AT MCALLISTER



COLD MILLING CONNECTION
TO PTW AT EOP



SHEET NO.

15

COLD MILLING TAPER
DETAILS

PROJECT NAME

NORRIS HILL

COUNTY

MADISON

PROJECT ID

STPP 13-1(13)55

UPN

10561000

DESIGNED BY

J MCNEIL 05/2026

REVIEWED BY

J BERAN 05/2026

CHECKED BY

T. JOHNSON 05/2026

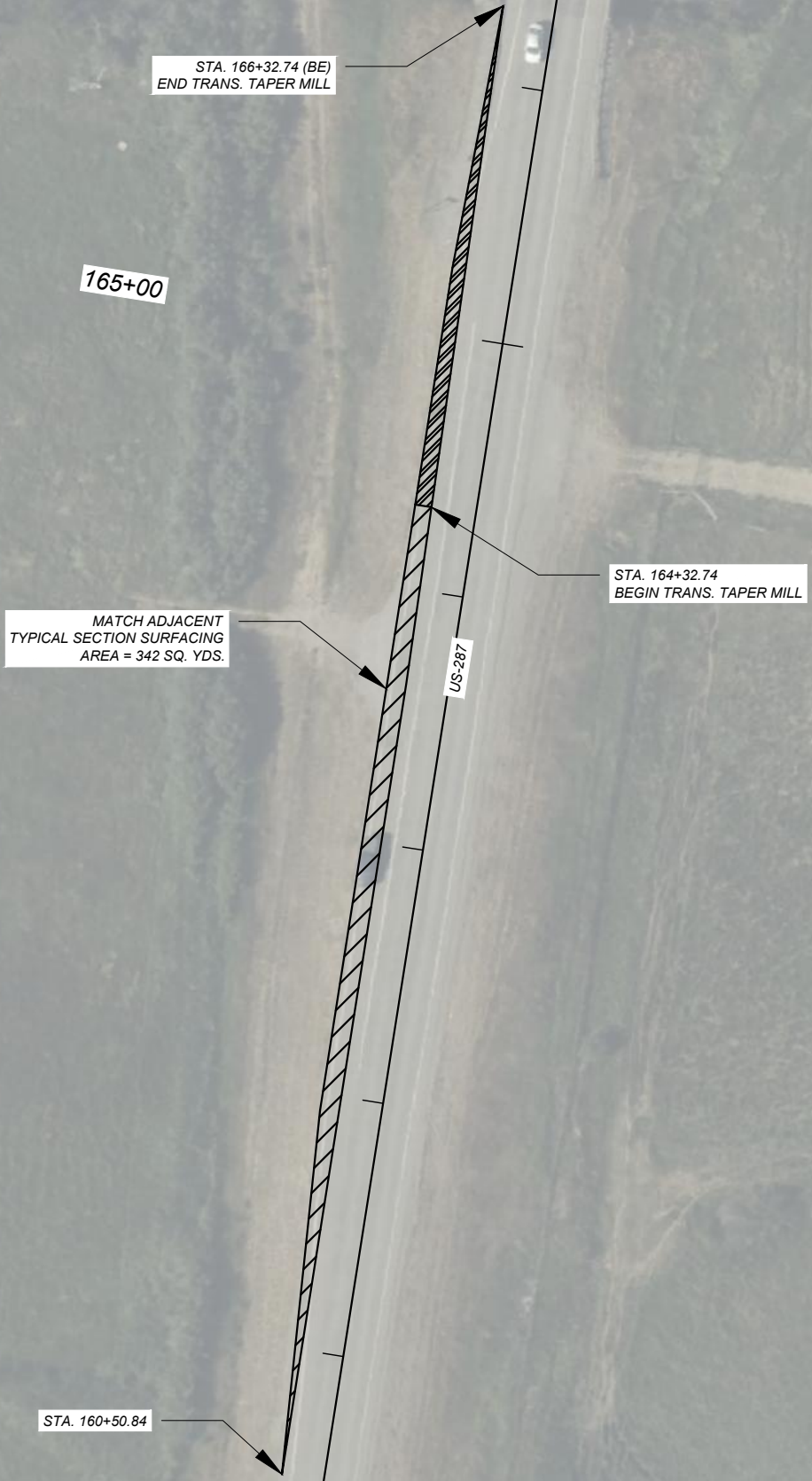
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ROAD PLANS

7/24/2026 9:12 AM

DETAIL
SOUTHBOUND MEADOW CREEK
CHAIN-UP AREA



 MONTANA Department of Transportation			DESIGNED BY J MCNEIL	05/2026	PROJECT NAME NORRIS HILL COUNTY MADISON PROJECT ID STPP 13-1(13)55 UPN 10561000	
ROAD PLANS		REVIEWED BY J BERAN	05/2026			
		CHECKED BY T. JOHNSON	05/2026			
		10561000RDET001.DWG				
7/24/2026 9:12 AM						

DETAIL
NORTHBOUND MEADOW CREEK
CHAIN-UP AREA

170+00

STA. 172+93.00

US-287

MATCH ADJACENT
TYPICAL SECTION SURFACING
AREA = 545 SQ. YDS.

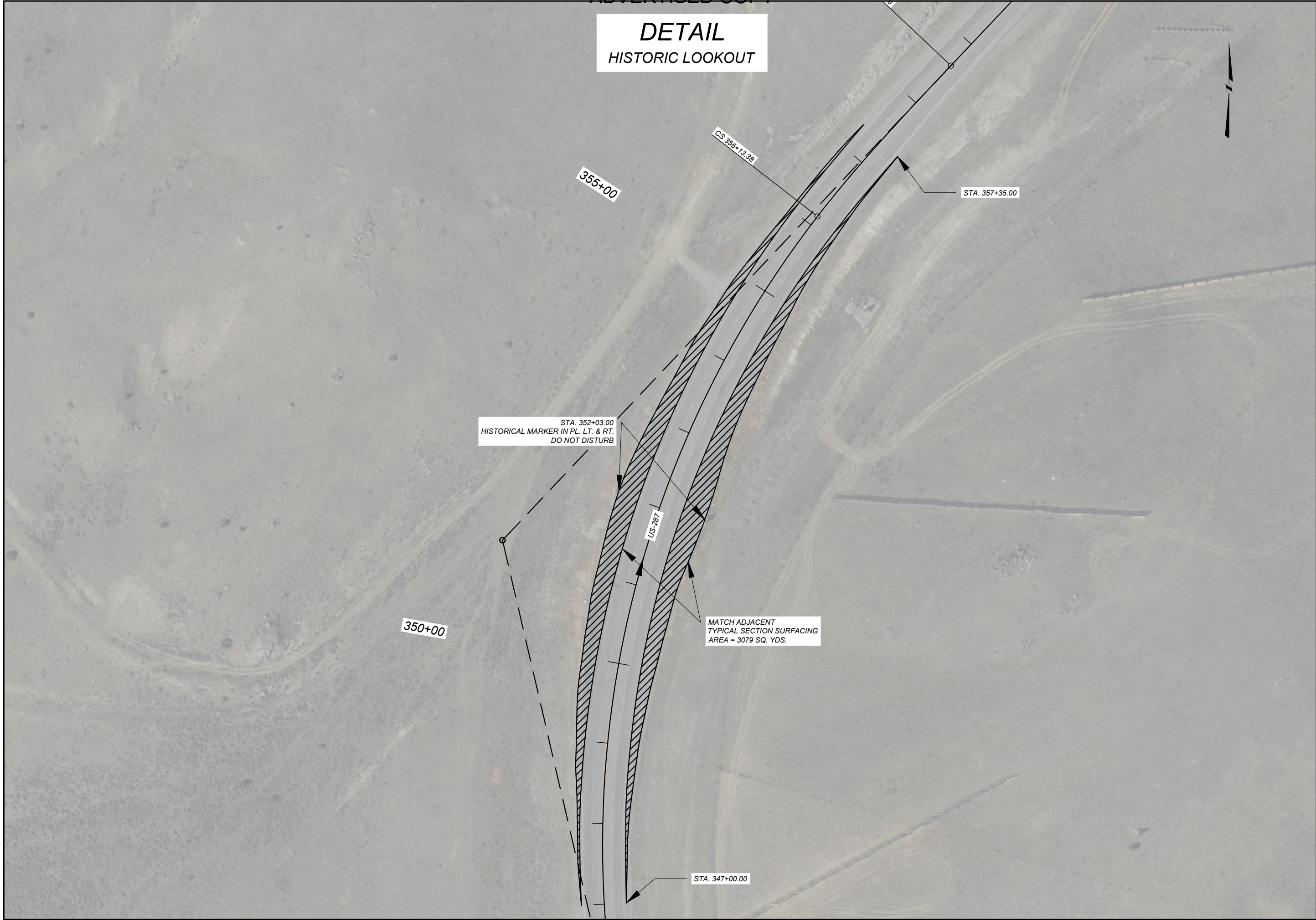
STA. 168+51.74
END TRANS. TAPER MILL

STA. 166+51.74 (BE)
BEGIN TRANS. TAPER MILL



 MONTANA Department of Transportation				DESIGNED BY J MCNEIL		05/2026		PROJECT NAME NORRIS HILL		NORTHBOUND MEADOW CREEK CHAIN-UP AREA DETAIL	17	SHEET NO.
ROAD PLANS				REVIEWED BY J BERAN		05/2026		COUNTY MADISON				
				CHECKED BY T. JOHNSON		05/2026		PROJECT ID STPP 13-1(13)55				
								UPN 10561000				
								10561000RDEDET001.DWG				
7/24/2026 9:12 AM												

DETAIL
HISTORIC LOOKOUT



 MONTANA Department of Transportation		DESIGNED BY		PROJECT NAME	
		J. MCNEIL	05/2026	NORRIS HILL	
		J. BERAN	05/2026	COUNTY	
		T. JOHNSON	05/2026	MADISON	
ROAD PLANS		CHECKED BY		PROJECT ID	
		10561000RDDET001.DWG		STPP 13-1(13)55	
7/24/2026 9:12 AM				UPN	
				10561000	
				SHEET NO.	
				18	
				HISTORIC LOOKOUT DETAIL	



DETAIL
BRADLEY CREEK
CHAIN-UP AREAS

SHEET NO. 19		BRADLEY CREEK CHAIN-UP AREAS DETAIL	
 MONTANA Department of Transportation	DESIGNED BY J. MCNEIL	PROJECT NAME NORRIS HILL	
	REVIEWED BY J. BERAN	COUNTY MADISON	
	CHECKED BY T. JOHNSON	PROJECT ID STPP 13-1(13)55	
	UPN 10561000		
ROAD PLANS		10561000RDET001.DWG	
7/24/2026 9:12 AM			

NOTES AND ABBREVIATIONS:

MOUNTING HEIGHT REQUIREMENTS: MOUNTING HEIGHTS SHOWN REFER TO THE BOTTOM OF THE MAJOR PANEL. SEE DETAILED DRAWINGS 619-00 & 619-08

THE ALIGNMENT IN THE SIGNING PLANS IS NOT A RECREATION OF THE AS-BUILT ALIGNMENT AND DOES NOT SUPERCEDE THE EXISTING. THE INTENT OF THE SHOWN ALIGNMENT IS TO ASSIST IN LAYING OUT SIGNING ELEMENTS. SIGNING AND PAVEMENT MARKING LOCATIONS ARE APPROXIMATE. PROJECT MANAGER TO FIELD ADJUST AS NECESSARY.

ADOPT A HIGHWAY: IF SIGNS N7-1/N7-1P EXIST, CONTRACTOR WILL CONFIRM THAT THE GROUP NAME ON THE SIGN(S) EXISTING AT THE TIME OF CONSTRUCTION CORRESPONDS TO THE GROUP NAME ON THE SIGN(S) SHOWN IN PLANS. IF NAME IS DIFFERENT, PROJECT MANAGER WILL CONTACT TRAFFIC & SAFETY BUREAU SIGNING SECTION WITH THE CORRECT NAME AND A NEW SIGN DESIGN WILL BE PROVIDED.

BBR = BACKBRACING REQUIRED:

- FOR WOOD POLE SEE DET. DWG 619-22
- FOR STEEL POST 2" X 2" X 1/4" REQUIRED. SEE DET. DWG 619-16
- FOR STRUCTURAL STEEL POST 2 3/4" X 2 3/8" EXTRUDED "T" SECTION BACKBRACE REQUIRED. SEE DET. DWG 619-19
- FOR CANTILEVER POST, SEE DET. DWG 619-18
- FOR GUIDE SIGN PANELS, USE EXTRUDED "T" SECTION BACKBRACE. SEE DET. DWG 619-04

USE HARDWARE MEETING REQUIREMENTS OF SECTION 704

RSFO = REPLACE SIGN FACE ONLY

FY = FLUORESCENT YELLOW SHEETING REQUIRED

MBB = MOUNT BACK TO BACK

✕ = STANDARD BREAKAWAY DEVICE:

- FOR WOOD POST SEE DETAILED DRAWING 619-20.
- FOR STRUCTURAL STEEL SEE DETAILED DRAWING 619-13.

■ = FRANGIBLE SIGN POST. BREAKAWAY DEVICE REQUIRED.

BGR = BEHIND GUARDRAIL

SUMMARY SIGNING & DELINEATION QUANTITIES		
MATERIAL	TOTAL	UNIT
SIGNS-ALUM REFL SHEET XI	512.9	SQFT
SIGNS-ALUM SHEET INCR XI	380.8	SQFT
REMOVE SIGN	72	EACH
REMOVE SIGN-GUIDE	13	EACH
POSTS-STEEL U SIGN	200	LB
POLES-TREATED WOOD 4 IN	51	EACH
POLES-TREATED WOOD 5 IN	15	EACH
POLES-TREATED WOOD 6 IN	2	EACH
PANEL DELINEATOR SNOWPOLE - DES F	122	EACH
DELINEATOR TYPE 1	341	EACH
FRANG SIGN POST BKWY-S4 X 7.7 (S100X11)	16	EACH
POSTS-STEEL STRUCTURAL SIGN	1,506	LB

DELINEATION SPECIFICATIONS		
SYMBOL	DESIGN	TOTAL
⏏	D	21
⏏	F	298
⏏	GJ	22
⏏	Snowpole F	122

 MONTANA Department of Transportation		PROJECT NAME		NORRIS HILL	
		DESIGNED BY	04/2026	COUNTY	MADISON
		REVIEWED BY	04/2026	PROJECT ID	STPP 13-1(13)55
		CHECKED BY	04/2026	UPN	10561000
SIGNING PLANS		10561000SISUM001.DWG			
7/14/2026 9:25 AM					

SHEET NO.																										
S2																										
SIGN LOCATIONS AND SPECIFICATIONS																										
PROJECT NAME																										
COUNTY																										
PROJECT ID																										
UPN																										
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MONTANA Department of Transportation																										
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S2																										
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7/14/2026 9:25 AM																										
SIGNING PLANS																										
MONTANA Department of Transportation																										

SIGN LOCATION			PANEL SPECIFICATIONS					SIGN ASSEMBLY SPECIFICATIONS										SIGN ASSEMBLY QUANTITIES														ADDITIONAL INFORMATION		SHEET NO.			
STATION / R.P.	LFT / MDN / RGT / OH	ACTION	SIGN NO. (MUTCD / MT)	PANEL SIZE (INCHES)			FY OR FYG	BACKBRACING REQ'D / 1 OR 2 ANGLE IRONS REQ'D	MOUNT BACK TO BACK / CHEVRON ANGLE MOUNT	FEET CLEARANCE / OFFSET (SHOULDER TO EDGE OF SIGN)	TYPE OF SUPPORT	SUPPORT SPACING	FEET				CANTILEVER	BREAKAWAY TYPE	BEHIND GUARDRAIL	PANEL (SQ. FT.)		WOOD POLE (LNR. FT.)			STEEL POST (LBS.)				# OF BREAKAWAYS	REMOV E		RESET		SIGN IMAGE	REMARKS	SIGN LOCATIONS AND SPECIFICATIONS	
				W	X	H							SUPPORT SPACING	MOUNTING HEIGHT	FOUNDATION DEPTH	X				Y	Z	SHEET ALUMINUM	SHEET ALUMINUM INCREMENT	4" TOP DIA.	5" TOP DIA.	6" TOP DIA.	ROUND TUBULAR	SQUARE TUBULAR		STRUCTURAL STEEL	"U" POST	SIGN	GUIDE				SIGN
122+56	L	REPLACE	D3-1 (Meadow) (2x)	36	X	24			MBB	6.0	5" Treated Wood Pole		5.0	3.5	13.3				X			12.0			14						1						
			R1-1	30	X	30															5.2																
122+98	R	REPLACE	R1-1	30	X	30				6.0	4" Treated Wood Pole		5.0	3.0	11.0							5.2		12						1							
125+69	L	REPLACE	R2-1 (45)	24	X	30				10.0	4" Treated Wood Pole		5.0	3.0	12.3							5.0		14						1							
125+70	R	REPLACE	R2-1 (55)	24	X	30				10.0	4" Treated Wood Pole		5.0	3.0	12.3							5.0		14						1							
127+86	L	REPLACE	N6-1	60	X	18				20.0	4" Treated Wood Pole	3.0	7.0	3.0	15.0	15.5					7.5	32								1							
129+33	L	REPLACE	W2-1	30	X	30				10.0	4" Treated Wood Pole		5.0	3.0	13.5							6.3		14						1							
131+69	L	USE AS IS	USFS																																		
	L	USE AS IS	USFS																																		
132+15	R	REPLACE	M3-1P	24	X	12				10.0	4" Treated Wood Pole		5.0	3.0	12.9							2.0		14						1							
			M1-4 (287)	30	X	24																5.0															
135+11	R	REPLACE	D10-2 (56) (2x)	10	X	27			MBB	4.0	2.0lb Steel U Post		4.0	3.0	10.0							3.8						20		1							
138+73	R	REPLACE	D5-15	72	X	54				20.0	S4x7.7 Structural Steel	3.60	7.0	3.5	15.2	15.8					27.0						239		2	1							
140+38	R	REPLACE	W14-3	48	X	36	FY	BBR		10.0	4" Treated Wood Pole		5.0	3.0	13.7						5.5		14							1							
140+91	R	RSFO	D2-3	102	X	48																34.0									1						

PROJECT NAME		NORRIS HILL	
COUNTY		MADISON	
PROJECT ID		STPP 13-1(13)55	
UPN		10561000	
DESIGNED BY	S. ERETH	04/2026	
REVIEWED BY	N. THOLT	04/2026	
CHECKED BY	N. STYREN	04/2026	
10561000SISUM001.DWG			
MONTANA Department of Transportation		SIGNING PLANS	
7/14/2026 9:25 AM			



DESIGNED BY

S. ERETH

REVIEWED BY

N. THOLT

CHECKED BY

N. STYREN

PROJECT NAME

NORRIS HILL

COUNTY

MADISON

PROJECT ID

STPP 13-1(13)55

SIGNING PLANS

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7/14/2026 9:25 AM

PROJECT NAME

NORRIS HILL

COUNTY

MADISON

PROJECT ID

STPP 13-1(13)55

UPN

10561000

SIGN LOCATION			PANEL SPECIFICATIONS					SIGN ASSEMBLY SPECIFICATIONS										SIGN ASSEMBLY QUANTITIES														ADDITIONAL INFORMATION		SHEET NO.				
STATION / R.P.	LFT / MDN / RGT / OH	ACTION	SIGN NO. (MUTCD / MT)	PANEL SIZE (INCHES)			FY OR FYG	BACKBRACING REQ'D / 1 OR 2 ANGLE IRONS REQ'D	MOUNT BACK TO BACK / CHEVRON ANGLE MOUNT	FEET CLEARANCE / OFFSET (SHOULDER TO EDGE OF SIGN)	TYPE OF SUPPORT	SUPPORT SPACING	FEET			CANTILEVER	BREAKAWAY TYPE	BEHIND GUARDRAIL	PANEL (SQ. FT.)		WOOD POLE (LNR. FT.)			STEEL POST (LBS.)				# OF BREAKAWAYS	REMOV E		RESET		SIGN IMAGE	REMARKS	PROJECT NAME	COUNTY	PROJECT ID	UPN
				W	X	H							SUPPORT SPACING	MOUNTING HEIGHT	FOUNDATION DEPTH				X	Y	Z	SHEET ALUMINUM	SHEET ALUMINUM INCREMENT	4" TOP DIA.	5" TOP DIA.	6" TOP DIA.	ROUND TUBULAR		SQUARE TUBULAR	STRUCTURAL STEEL	"U" POST	SIGN						
152+26	L	REPLACE	R2-1 (55)	24	X	30				10.0	4" Treated Wood Pole		5.0	3.0	12.3				5.0		14							1						NORRIS HILL	MADISON	STPP 13-1(13)55	10561000	
152+42	R	REPLACE	R2-1 (70)	24	X	30				10.0	4" Treated Wood Pole		6.1	3.0	13.4				5.0		14							1										
			R2-3P (65)	24	X	24												4.0																				
154+75	R	USE AS IS	R8-15 MT01																																			
155+42	R	REPLACE	R2-2aP (65)	24	X	30				10.0	4" Treated Wood Pole		5.0	3.0	12.3				5.0		14							1										
158+00	L	REPLACE	W3-5 (55)	36	X	36				10.0	4" Treated Wood Pole		5.0	3.0	13.8				9.0		14							1										
165+59	L	REPLACE	D5-15 MT 02	102	X	36				10.0	S4x7.7 Structural Steel	5.1	7.0	3.5	13.6	14.5			25.5							217		2		1								
165+70	R	REPLACE	D5-16	72	X	54				20.0	S4x7.7 Structural Steel	3.6	7.0	3.5	15.2	15.8			27.0							239		2		1								
166+05	R	REPLACE	I2-2 (N MEADOW)	60	X	30				5.0	4" Treated Wood Pole		5.0	3.0	13.1			BGR	12.5		14							1										
166+69	L	REPLACE	I2-2 (N MEADOW)	60	X	30				5.0	4" Treated Wood Pole		5.0	3.0	13.1			BGR	12.5		14							1										
173+66	R	REPLACE	R4-3	24	X	30				10.0	4" Treated Wood Pole		5.0	3.0	12.2				5.0		14							1										
174+73	L	REPLACE	W14-3	48	X	36	FY	BBR		10.0	4" Treated Wood Pole		5.0	3.0	13.7				5.5		14							1										
175+50	L	REPLACE	R4-2	24	X	30				10.0	4" Treated Wood Pole		5.0	3.0	12.2				5.0		14							1										
191+01	L	REPLACE	N7-1 MT	36	X	48				6.0	5" Treated Wood Pole		5.1	3.5	16.2			X	12.0		18							1										
			N7-1P MT	36	X	12													3.0																			

SIGN LOCATION			PANEL SPECIFICATIONS					SIGN ASSEMBLY SPECIFICATIONS										SIGN ASSEMBLY QUANTITIES														ADDITIONAL INFORMATION		SHEET NO.	
STATION / R.P.	LFT / MDN / RGT / OH	ACTION	SIGN NO. (MUTCD / MT)	PANEL SIZE (INCHES)			FY OR FYG	BACKBRACING REQ'D / 1 OR 2 ANGLE IRONS REQ'D	MOUNT BACK TO BACK / CHEVRON ANGLE MOUNT	FEET	TYPE OF SUPPORT	SUPPORT SPACING	FEET				CANTILEVER	BREAKAWAY TYPE	BEHIND GUARDRAIL	PANEL (SQ. FT.)		WOOD POLE (LNR. FT.)			STEEL POST (LBS.)				# OF BREAKAWAYS	REMOV E		RESET		SIGN IMAGE	REMARKS
													SUPPORT SPACING	MOUNTING HEIGHT	FOUNDATION DEPTH	SUPPORT LENGTH (ESTIMATED)				SHEET ALUMINUM	SHEET ALUMINUM INCREMENT	4" TOP DIA.	5" TOP DIA.	6" TOP DIA.	ROUND TUBULAR	SQUARE TUBULAR	STRUCTURAL STEEL	"U" POST		SIGN	GUIDE	SIGN	GUIDE		
				X	Y	Z																													
191+24	R	REPLACE	D10-2 (57) (2x)	10	X	27			MBB	4.0	2.0lb Steel U Post		4.0	3.0	10.0				3.8										1						
193+56	L	REPLACE	D5-15 MT01	102	X	48				5' Std. BGR	6" Treated Wood Pole	5.1	7.0	4.5	11.5	12.5			BGR		34.0			26						1				6" TOP DIA. =26LF = 2 each	
230+63	L	REPLACE	W7-1	30	X	30				10.0	5" Treated Wood Pole		5.6	3.5	14.6			X	6.3			16							1						
			W7-3bP	24	X	18													3.0																
241+29	L	REPLACE	R4-1	24	X	30				10.0	4" Treated Wood Pole		5.0	3.0	12.2				5.0		14								1						
241+56	R	REPLACE	W14-3	48	X	36	FY	BBR		10.0	4" Treated Wood Pole		5.0	3.0	13.7				5.5		14								1						
244+28	R	REPLACE	D10-2 (58) (2x)	10	X	27			MBB	4.0	2.0lb Steel U Post		4.0	3.0	10.0				3.8								20		1						
247+00	R	RSFO	N7-1 MT	36	X	48													12.0														USE EXISTING 5" TOP DIA WOOD POLE		
297+08	R	NEW	D10-2 (59) (2x)	10	X	27			MBB	4.0	2.0lb Steel U Post		4.0	3.0	10.0				3.8								20								
314+51	L	REMOVE SIGN	R4-2	24	X	30													5.0										1						
324+72	R	REPLACE	D7-3R MT	48	X	36				10.0	4" Treated Wood Pole		5.0	3.0	12.9				9.8		14								1					48X36X30	
342+00	R	REPLACE	D7-4R MT	48	X	36				10.0	4" Treated Wood Pole		5.0	3.0	12.9				9.8		14								1					48X36X30	
342+69	L	REPLACE	R4-1	24	X	30				10.0	4" Treated Wood Pole		5.0	3.0	12.2				5.0		14								1						
343+39	R	NEW	W9-1	36	X	36				10.0	5" Treated Wood Pole		5.0	3.5	14.5			X	9.0		16														
343+65	L	REPLACE	W6-3	36	X	36				10.0	5" Treated Wood Pole		5.6	3.5	15.3			X	9.0		16								1						
			W6-3P	24	X	18													3.0																
344+08	L	REPLACE	W1-8L	24	X	30	FY			10.0	4" Treated Wood Pole		5.0	3.0	12.3				5.0		14								1						

SIGN LOCATIONS AND SPECIFICATIONS

PROJECT NAME

NORRIS HILL

COUNTY

MADISON

PROJECT ID

STPP 13-1(13)55

UPN

10561000

DESIGNED BY

S. ERETH

04/2026

REVIEWED BY

N. THOLT

04/2026

CHECKED BY

N. STYREN

04/2026

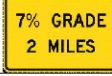
MONTANA

Department of Transportation

SIGNING PLANS

10561000SISUM001.DWG

7/14/2026 9:25 AM

SIGN LOCATION			PANEL SPECIFICATIONS					SIGN ASSEMBLY SPECIFICATIONS										SIGN ASSEMBLY QUANTITIES														ADDITIONAL INFORMATION		SHEET NO.	
STATION / R.P.	LFT / MDN / RGT / OH	ACTION	SIGN NO. (MUTCD / MT)	PANEL SIZE (INCHES)			FY OR FYG	BACKBRACING REQ'D / 1 OR 2 ANGLE IRONS REQ'D / MOUNT BACK TO BACK / CHEVRON ANGLE MOUNT	FEET CLEARANCE / OFFSET (SHOULDER TO EDGE OF SIGN)	TYPE OF SUPPORT	SUPPORT SPACING	FEET				CANTILEVER	BREAKAWAY TYPE	BEHIND GUARDRAIL	PANEL (SQ. FT.)		WOOD POLE (LNR. FT.)			STEEL POST (LBS.)				# OF BREAKAWAYS	REMOV E		RESET		SIGN IMAGE	REMARKS	SIGN LOCATIONS AND SPECIFICATIONS
				W	X	H						MOUNTING HEIGHT	FOUNDATION DEPTH	X	Y				Z	SHEET ALUMINUM	SHEET ALUMINUM INCREMENT	4" TOP DIA.	5" TOP DIA.	6" TOP DIA.	ROUND TUBULAR	SQUARE TUBULAR	STRUCTURAL STEEL		"U" POST	SIGN	GUIDE	SIGN			
345+08	L	REPLACE	W1-8R	24	X	30	FY		10.0	4" Treated Wood Pole		5.0	3.0	12.3				5.0		14								1						SIGN LOCATIONS AND SPECIFICATIONS	
345+28	L	REPLACE	W7-1	30	X	30		10.0	5" Treated Wood Pole		5.6	3.5	14.6			X	6.3		16								1								
			N7-3bP	24	X	18											3.0																		
345+39	R	REPLACE	W4-2R	36	X	36		10.0	5" Treated Wood Pole		5.0	3.5	13.8			X	9.0		14								1								
346+31	L	REPLACE	W1-8R	24	X	30	FY	10.0	4" Treated Wood Pole		5.0	3.0	12.3				5.0		14								1								
347+36	R	REPLACE	W7-1	36	X	36		10.0	5" Treated Wood Pole		5.6	3.5	15.3			X	9.0		16								1								
			N7-3BP	24	X	18											3.0																		
347+38	L	REPLACE	W1-8R	24	X	30	FY	10.0	4" Treated Wood Pole		5.0	3.0	12.3				5.0		14								1								
348+42	L	REPLACE	W1-8R	24	X	30	FY	10.0	4" Treated Wood Pole		5.0	3.0	12.3				5.0		14								1								
350+00	L	RSFO	N7-1 MT	36	X	48											12.0														USE EXISTING 5" TOP DIA WOOD POLE				
350+77	R	REPLACE	D10-2a (60) (2x)	10	X	27		MBB	4.0	2.0lb Steel U Post		4.0	3.0	10.0				3.8									20	1							
351+98	R	USE AS IS	HISTORIC MARKER MT																																
352+00	L	USE AS IS	HISTORIC MARKER MT																																

PROJECT NAME		NORRIS HILL	
COUNTY		MADISON	
PROJECT ID		STPP 13-1(13)55	
UPN		10561000	
DESIGNED BY	04/2026	REVIEWED BY	04/2026
S. ERETH		N. THOLT	
CHECKED BY	04/2026	10561000SISUM001.DWG	
N. STYREN			
SIGNING PLANS		7/14/2026 9:25 AM	

SIGN LOCATION			PANEL SPECIFICATIONS					SIGN ASSEMBLY SPECIFICATIONS										SIGN ASSEMBLY QUANTITIES														ADDITIONAL INFORMATION		SHEET NO.	
STATION / R.P.	LFT / MDN / RGT / OH	ACTION	SIGN NO. (MUTCD / MT)	PANEL SIZE (INCHES)			FY OR FYG	BACKBRACING REQ'D / 1 OR 2 ANGLE IRONS REQ'D	MOUNT BACK TO BACK / CHEVRON ANGLE MOUNT	FEET CLEARANCE / OFFSET (SHOULDER TO EDGE OF SIGN)	TYPE OF SUPPORT	SUPPORT SPACING	FEET			CANTILEVER	BREAKAWAY TYPE	BEHIND GUARDRAIL	PANEL (SQ. FT.)		WOOD POLE (LNR. FT.)			STEEL POST (LBS.)				# OF BREAKAWAYS	REMOV E		RESET		SIGN IMAGE	REMARKS	SIGN LOCATIONS AND SPECIFICATIONS
				W	X	H							MOUNTING HEIGHT	FOUNDATION DEPTH	X				Y	Z	SHEET ALUMINUM	SHEET ALUMINUM INCREMENT	4" TOP DIA.	5" TOP DIA.	6" TOP DIA.	ROUND TUBULAR	SQUARE TUBULAR		STRUCTURAL STEEL	"U" POST	SIGN	GUIDE			
353+01	L	REPLACE	W7-1	36	X	36				5" Treated Wood Pole		5.6	3.5	15.3		X		9.0			16							1					SIGN LOCATIONS AND SPECIFICATIONS		
			W7-3bP	24	X	18											3.0																		
355+38	L	REPLACE	W4-2R	36	X	36			10.0	5" Treated Wood Pole		5.0	3.5	14.1		X		9.0			16							1					SIGN LOCATIONS AND SPECIFICATIONS		
357+38	L	NEW	W9-1	36	X	36			10.0	5" Treated Wood Pole		5.0	3.5	14.1		X		9.0			16														
359+43	R	REPLACE	W7-1	30	X	30				5" Treated Wood Pole		5.6	3.5	14.6		X		6.3			16						1								
			W7-3bP	24	X	18												3.0															SIGN LOCATIONS AND SPECIFICATIONS		
359+88	L	REPLACE	D7-4R MT	48	X	36			10.0	4" Treated Wood Pole		5.0	3.0	12.9				9.8		14							1				48x36x30				
																																	SIGN LOCATIONS AND SPECIFICATIONS		
361+05	R	REPLACE	W6-3	36	X	36				5" Treated Wood Pole		5.6	3.5	15.3		X		9.0			16						1								
			W6-3P	24	X	18												3.0																	
																																	SIGN LOCATIONS AND SPECIFICATIONS		
362+31	R	REPLACE	R4-1	24	X	30			10.0	4" Treated Wood Pole		5.0	3.0	12.3				5.0		14							1								
379+65	L	REPLACE	D7-3R MT	48	X	36			10.0	4" Treated Wood Pole		5.0	3.0	12.9				9.8		14							1					48x36x30			
393+88	R	REMOVE SIGN	R4-2	24	X	30												5.0									1						SIGN LOCATIONS AND SPECIFICATIONS		
401+87	R	REPLACE	D10-2 (61) (2x)	10	X	27		MBB	4.0	2.0lb Steel U Post		4.0	3.0	10.0				3.8					20		1										
417+26	L	REMOVE SIGN	W14-3																							1									
422+92	R	REPLACE	D5-15 MT01	102	X	42			20.0	S4x7.7 Structural Steel	5.1	7.0	3.5	14.1	15.0			29.8							225	2	1					SIGN LOCATIONS AND SPECIFICATIONS			

	PROJECT NAME		NORRIS HILL		
	COUNTY		MADISON		
	PROJECT ID		STPP 13-1(13)55		
	UPN		10561000		
DESIGNED BY		S. ERETH		04/2026	
REVIEWED BY		N. THOLT		04/2026	
CHECKED BY		N. STYREN		04/2026	
SIGNING PLANS		10561000SISUM001.DWG			
7/14/2026 9:25 AM					

SIGN LOCATION			PANEL SPECIFICATIONS				SIGN ASSEMBLY SPECIFICATIONS										SIGN ASSEMBLY QUANTITIES														ADDITIONAL INFORMATION		SHEET NO.		
STATION / R.P.	LFT / MDN / RGT / OH	ACTION	SIGN NO. (MUTCD / MT)	PANEL SIZE (INCHES)			FY OR FYG	BACKBRACING REQ'D / 1 OR 2 ANGLE IRONS REQ'D	MOUNT BACK TO BACK / CHEVRON ANGLE MOUNT	FEET CLEARANCE / OFFSET (SHOULDER TO EDGE OF SIGN)	TYPE OF SUPPORT	FEET				CANTILEVER	BREAKAWAY TYPE	BEHIND GUARDRAIL	PANEL (SQ. FT.)		WOOD POLE (LNR. FT.)			STEEL POST (LBS.)				# OF BREAKAWAYS	REMOV E		RESET		SIGN IMAGE	REMARKS	SIGN LOCATIONS AND SPECIFICATIONS
				W	X	H						SUPPORT SPACING	MOUNTING HEIGHT	FOUNDATION DEPTH	X				Y	Z	SHEET ALUMINUM	SHEET ALUMINUM INCREMENT	4" TOP DIA.	5" TOP DIA.	6" TOP DIA.	ROUND TUBULAR	SQUARE TUBULAR		STRUCTURAL STEEL	"U" POST	SIGN	GUIDE			
436+34	R	REPLACE	D3-1 (2x) (Bradley)	48	X	12			MBB	6.0	5" Treated Wood Pole		5.0	3.5	12.2				8.0			14						1						SIGN LOCATIONS AND SPECIFICATIONS	
			R1-1	30	X	30												5.2																	
436+45	L	REPLACE	R4-3	24	X	30				10.0	4" Treated Wood Pole		5.0	3.0	12.3				5.0		14							1						PROJECT NAME NORRIS HILL COUNTY MADISON PROJECT ID STPP 13-1(13)55 UPN 10561000	
443+23	L	REMOVE SIGN	W14-3																								1								
454+04	R	REPLACE	D10-2 (62)(2x)	10	X	27			MBB	4.0	2.0lb Steel U Post		4.0	3.0	10.0				3.8							20	1								
473+27	R	REPLACE	D5-15 MT02	102	X	36				20.0	S4x7.7 Structural Steel	5.1	7.0	3.5	13.5	14.5			25.5							216		2	1					DESIGNED BY S. ERETH REVIEWED BY N. THOLT CHECKED BY N. STYREN	
483+12	L	REPLACE	D5-16	72	X	54				20.0	S4x7.7 Structural Steel	3.6	7.0	3.5	11.5	12.5			27.0							185		2	1						
154+75	L	USE AS IS	R8-15 MT01																															MONTANA Department of Transportation SIGNING PLANS 7/14/2026 9:25 AM	
506+35	R	REPLACE	D10-2 (63) (2x)	10	X	27			MBB	4.0	2.0lb Steel U Post		4.0	3.0	10.0				3.8							20	1							SIGNING PLANS	
509+55	L	REPLACE	D5-15	72	X	54				20.0	S4x7.7 Structural Steel	3.6	7.0	3.5	15.2	15.8			27.0						239		2	1							
519+36	R	REPLACE	W14-3	48	X	36	FY	BBR		10.0	4" Treated Wood Pole		5.0	3.0	13.7				5.5		14							1					48x48x36		
547+55	L	REPLACE	W14-3	48	X	36	FY	BBR		10.0	4" Treated Wood Pole		5.0	3.0	13.7				5.5		14							1					48x48x36	SIGNING PLANS	
559+17	R	REPLACE	D10-2 (64) (2x)	10	X	27			MBB	4.0	2.0lb Steel U Post		4.0	3.0	10.0				3.8							20		1							
581+70	R	REPLACE	W14-3	48	X	36	FY	BBR		10.0	4" Treated Wood Pole		5.0	3.0	13.7				5.5		14							1					48x48x36		
597+43	L	REPLACE	W14-3	48	X	36	FY	BBR		10.0	4" Treated Wood Pole		5.0	3.0	13.7				5.5		14							1					48x48x36		

SIGN LOCATION			PANEL SPECIFICATIONS					SIGN ASSEMBLY SPECIFICATIONS										SIGN ASSEMBLY QUANTITIES														ADDITIONAL INFORMATION		SHEET NO.	
STATION / R.P.	LFT / MDN / RGT / OH	ACTION	SIGN NO. (MUTCD / MT)	PANEL SIZE (INCHES)			FY OR FYG	BACKBRACING REQ'D / 1 OR 2 ANGLE IRONS REQ'D	MOUNT BACK TO BACK / CHEVRON ANGLE MOUNT	FEET CLEARANCE / OFFSET (SHOULDER TO EDGE OF SIGN)	TYPE OF SUPPORT	SUPPORT SPACING	FEET			CANTILEVER	BREAKAWAY TYPE	BEHIND GUARDRAIL	PANEL (SQ. FT.)		WOOD POLE (LNR. FT.)			STEEL POST (LBS.)				# OF BREAKAWAYS	REMOV E		RESET		SIGN IMAGE	REMARKS	SIGN LOCATIONS AND SPECIFICATIONS
				W	X	H							MOUNTING HEIGHT	FOUNDATION DEPTH	X				Y	Z	SHEET ALUMINUM	SHEET ALUMINUM INCREMENT	4" TOP DIA.	5" TOP DIA.	6" TOP DIA.	ROUND TUBULAR	SQUARE TUBULAR		STRUCTURAL STEEL	"U" POST	SIGN	GUIDE			
605+08	R	REPLACE	W14-3	48	X	36	FY	BBR		10.0	4" Treated Wood Pole		5.0	3.0	13.7				5.5		14								1					48x48x36	SIGN LOCATIONS AND SPECIFICATIONS
608+42	L	REPLACE	R2-2aP	24	X	30			10.0	4" Treated Wood Pole		5.0	3.0	12.3				5.0		14								1							
608+57	R	REPLACE	W3-5	36	X	36			10.0	4" Treated Wood Pole		5.0	3.0	13.8				9.0		14								1							
610+10	L	REPLACE	R2-1	24	X	30			10.0	4" Treated Wood Pole		6.1	3.0	13.4				5.0		14								1							
			R2-3P	24	X	24												4.0																	
612+46	R	REPLACE	D10-2 (65) (2x)	10	X	27		MBB	4.0	2.0lb Steel U Post		4.0	3.0	10.0				3.8						20			1								
613+65	L	RSFO	D2-3	138	X	48												46.0									1								
613+66	R	REPLACE	N6-1	42	X	18			20.0	4" Treated Wood Pole		7.0	3.0	15.2				5.3		16															
615+35	R	REPLACE	R2-1	24	X	30			10.0	4" Treated Wood Pole		5.0	3.0	12.3				5.0		14							1								
616+67	L	REPLACE	M3-3P	24	X	12			10.0	4" Treated Wood Pole		5.0	3.0	12.9				2.0		14							1								
			M1-4	30	X	24												5.0																	
622+42	R	USE AS IS																																	
625+25	R	REPLACE	M2-1P	24	X	12			10.0	4" Treated Wood Pole		5.0	3.0	12.9				2.0		14							1								
			M1-5 (84)	24	X	24												4.0																	

PROJECT NAME		NORRIS HILL	
COUNTY		MADISON	
PROJECT ID		STPP 13-1(13)55	
UPN		10561000	

DESIGNED BY	S. ERETH	04/2026	REVIEWED BY	N. THOLT	04/2026	CHECKED BY	N. STYREN	04/2026
MONTANA Department of Transportation				SIGNING PLANS				
10561000SISUM001.DWG								
7/14/2026 9:25 AM								

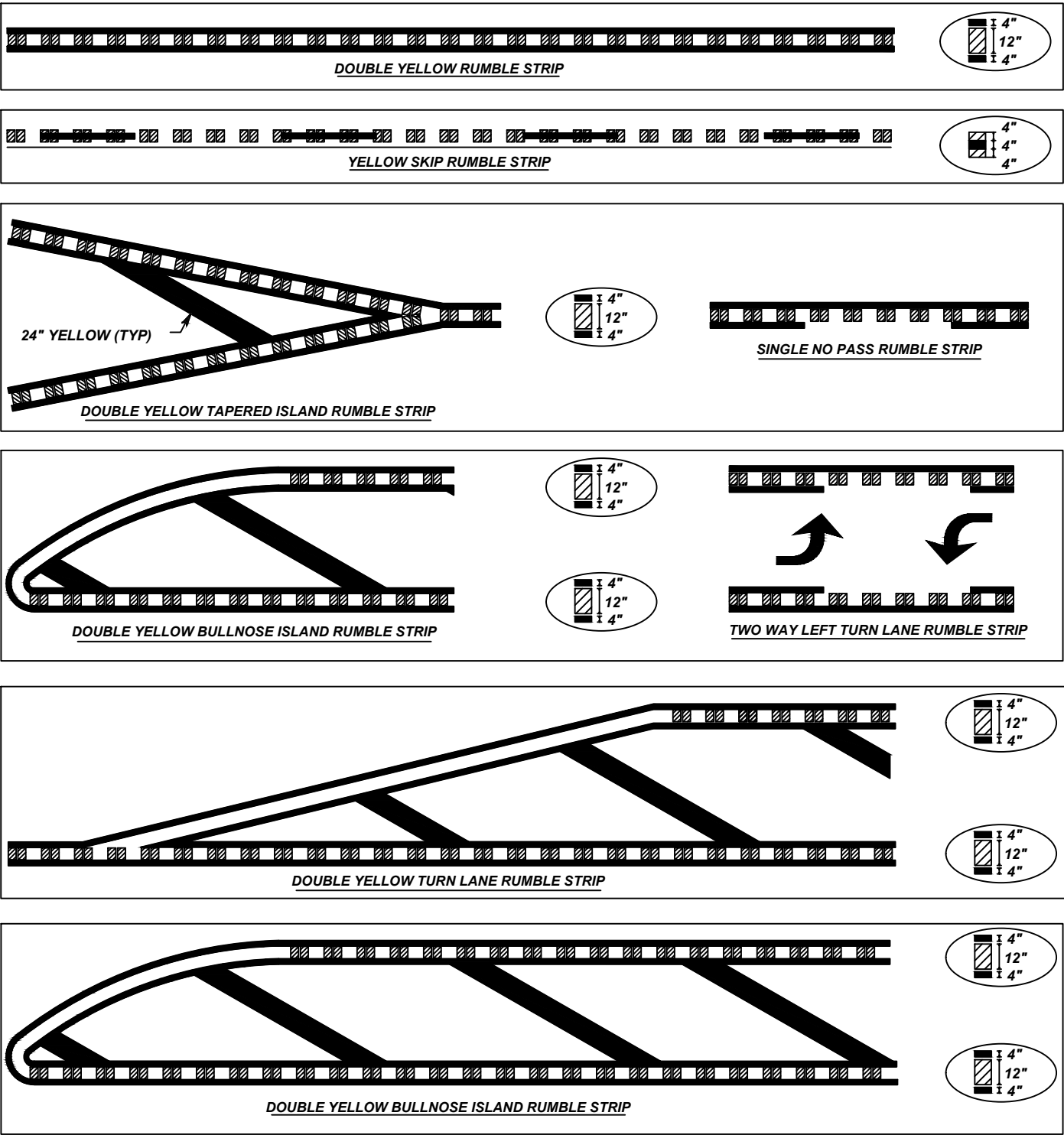
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PROJECT NAME	NORRIS HILL
COUNTY	MADISON
PROJECT ID	STPP 13-1(13)55
UPN	10561000

DESIGNED BY	04/2026
REVIEWED BY	04/2026
CHECKED BY	04/2026
UPN	10561000SUN001.DWG

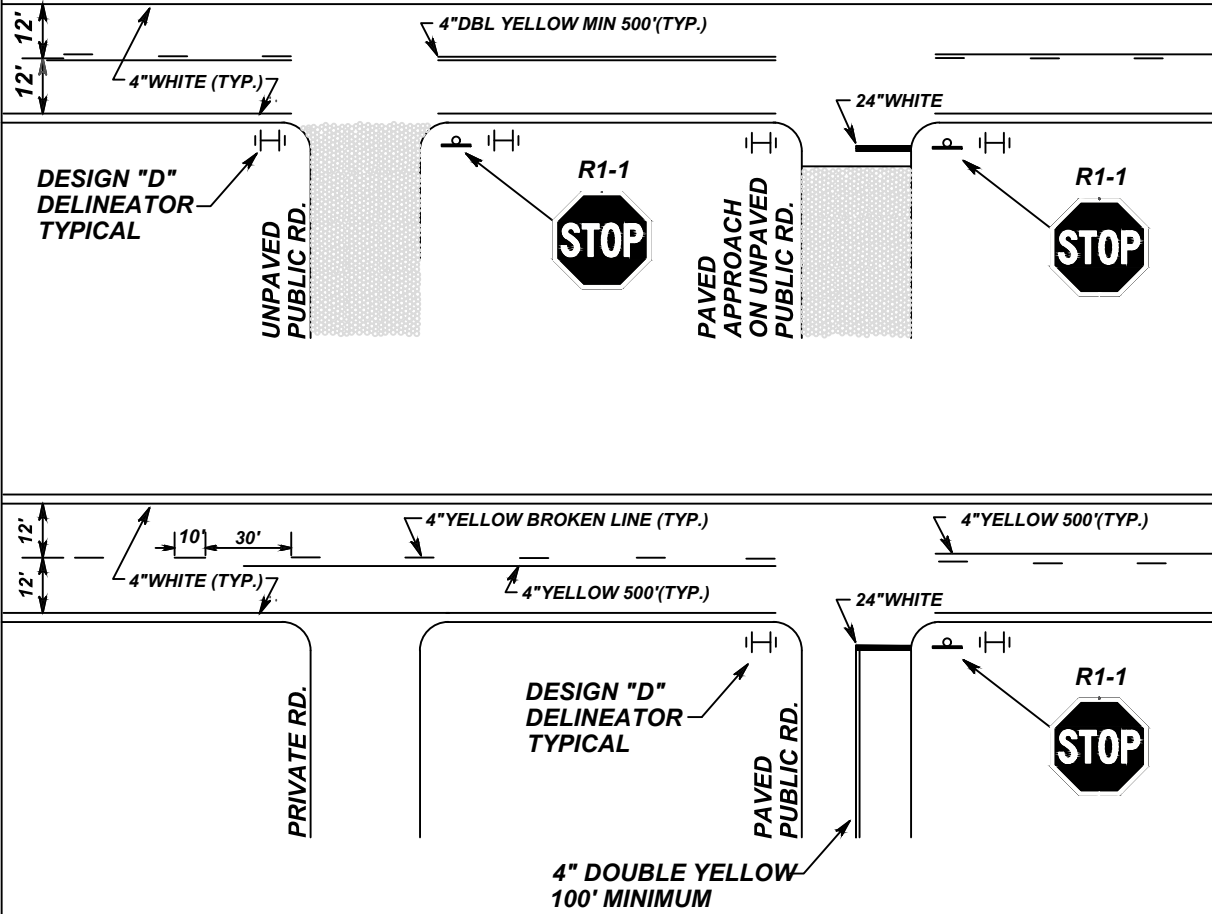
MONTANA Department of Transportation	SIGNING SECTION
7/14/2026 9:25 AM	

TYPICAL RURAL CENTERLINE PAVEMENT MARKINGS AND RUMBLE STRIPS.
SEE ROAD DESIGN PLANS FOR RUMBLE STRIP QUANTITY (IF USED)



TYPICAL RURAL
PAVEMENT MARKINGS

NO SCALE



NOTE: FINAL CENTERLINE CONFIGURATION AND NO PASSING ZONES TO BE DETERMINED BY THE PROJECT MANAGER.

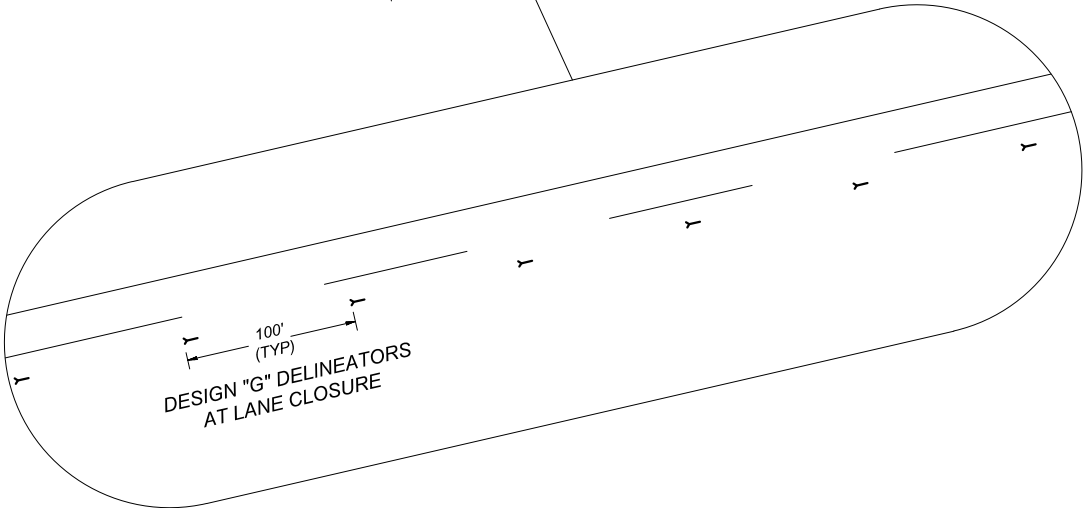
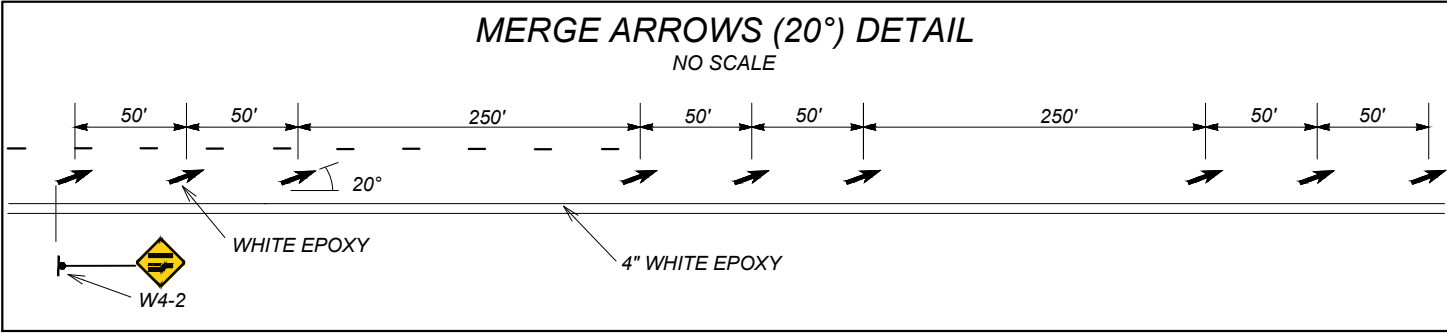
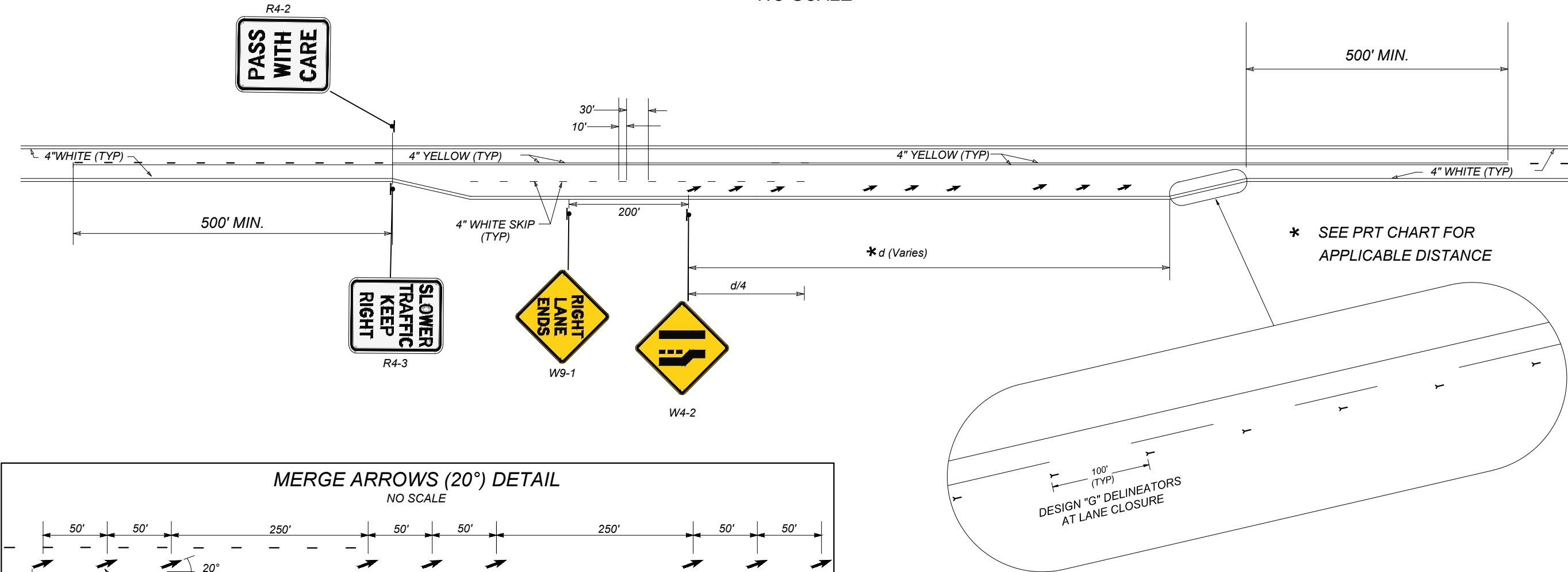
ALL PAVEMENT MARKINGS TO BE EPOXY UNLESS OTHERWISE SPECIFIED.

NOTES:

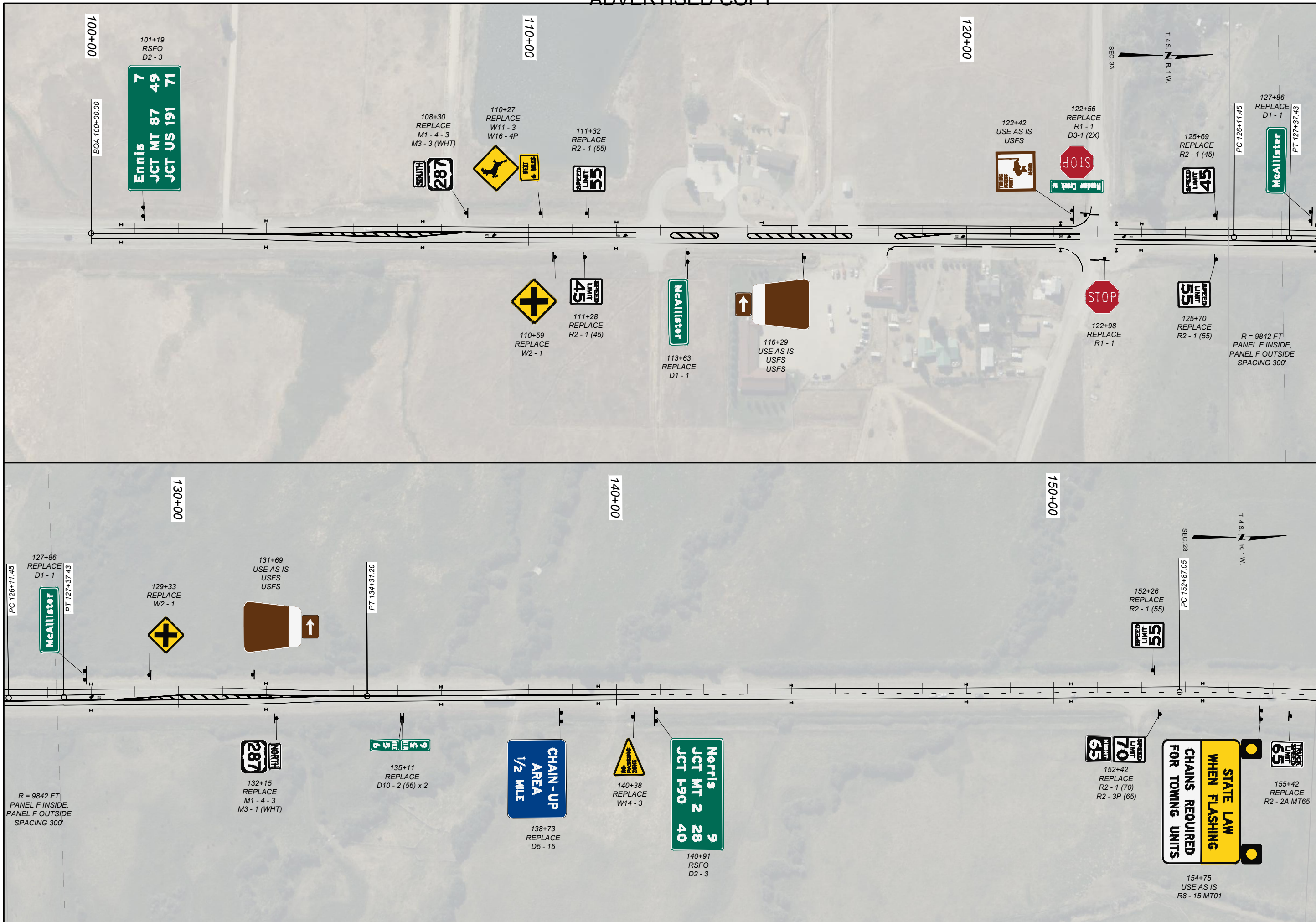
- SEE CENTERLINE RUMBLE STRIPS DTL. DWG. NO. 411-05 FOR ADDITIONAL INFORMATION.
- ALL PAVEMENT MARKINGS ARE TO CONFORM TO THE REQUIREMENTS OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" AND "STANDARD HIGHWAY SIGNS" PUBLICATIONS, FROM THE FEDERAL HIGHWAY ADMINISTRATION.
- SEE CENTERLINE PAVEMENT MARKINGS FOR RURAL HIGHWAYS MEMO DATED JUNE 18, 2019 FOR APPLICATION METHODOLOGY
- DASHED LINES WILL HAVE A 10:30 SKIP IN RURAL LOCATIONS, AND A 9:15 SKIP IN URBAN LOCATIONS

TYPICAL CLIMBING LANE SIGNING AND PAVEMENT MARKINGS

NO SCALE



SHEET NO.		S12	
MONTANA Department of Transportation		DETAILS	
		PROJECT NAME	NORRIS HILL
		COUNTY	MADISON
SIGNING SECTION		PROJECT ID	STPP 13-1(13)55
		TUPN	10561000
		DESIGNED BY	S. ERETH
		REVIEWED BY	N. THOLT
		CHECKED BY	N. STYREN
		10561000SISUM001.DWG	
		7/14/2026 9:25 AM	





		SHEET NO. S14			
		PLAN SHEETS			
		PROJECT NAME NORRIS HILL		COUNTY MADISON	
		DESIGNED BY S. ERETH		PROJECT ID STPP 13-1(13)55	
		REVIEWED BY N. THOLT		UPN 10561000	
		CHECKED BY N. SYREN		10561000S1PLN001.DWG	
SIGNING PLANS		7/14/2026 9:31 AM			

SHEET NO.

S15

PLAN SHEETS

PROJECT NAME

NORRIS HILL

MADISON

STPP 13-1(13)55

10561000

DESIGNED BY		3/2026
S ERETH		

REVIEWED BY	
N. THOLT	4/2026

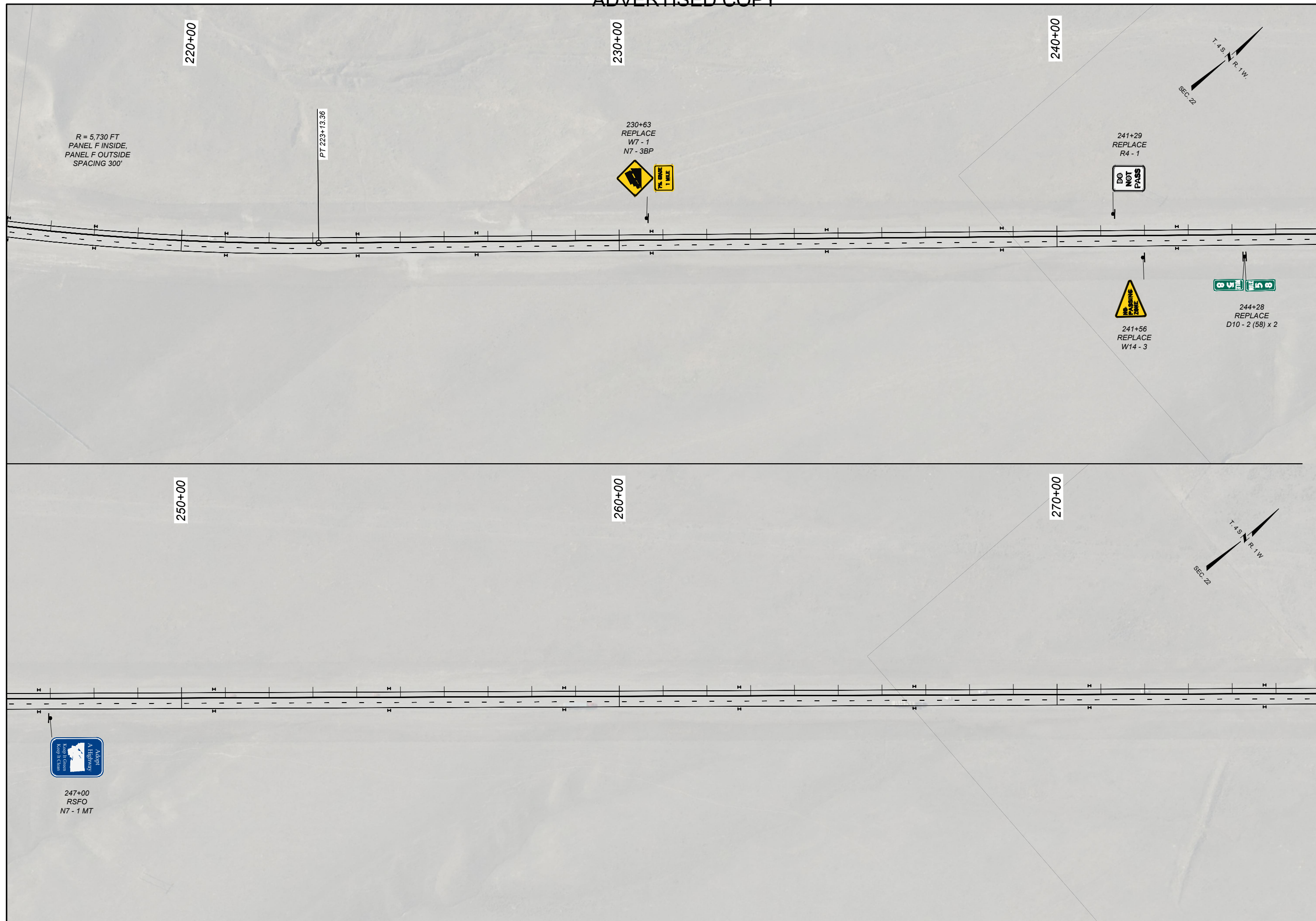
CHECKED BY	
N. STYREN	4/2026

4/2020	10561000SIPLN001.DWG
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SIGNING PLANS

7/14/2026 9:31 AM





SHEET NO.		S16	
PLAN SHEETS		NORRIS HILL	
PROJECT NAME		MADISON	
COUNTY		STPP 13-1(13)55	
PROJECT ID		UPN	
UPN		10561000	
DESIGNED BY	3/2026	10561000SIPLN001.DWG	
REVIEWED BY	4/2026		
CHECKED BY	4/2026		
S. ERETH	N. THOLT		
N. STYREN			
MONTANA Department of Transportation		SIGNING PLANS	
		7/14/2026 9:31 AM	

PLAN SHEETS

THE CIVIL

MADISON

STPP 13-1(13)55

10561000

COUNTY

1561

PROJECT ID

UPN

S. ERETH	3/2026
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REVIEWED BY	4/20/26
N THOIT	

CHECKED BY

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MONTANA
Department of Transportation

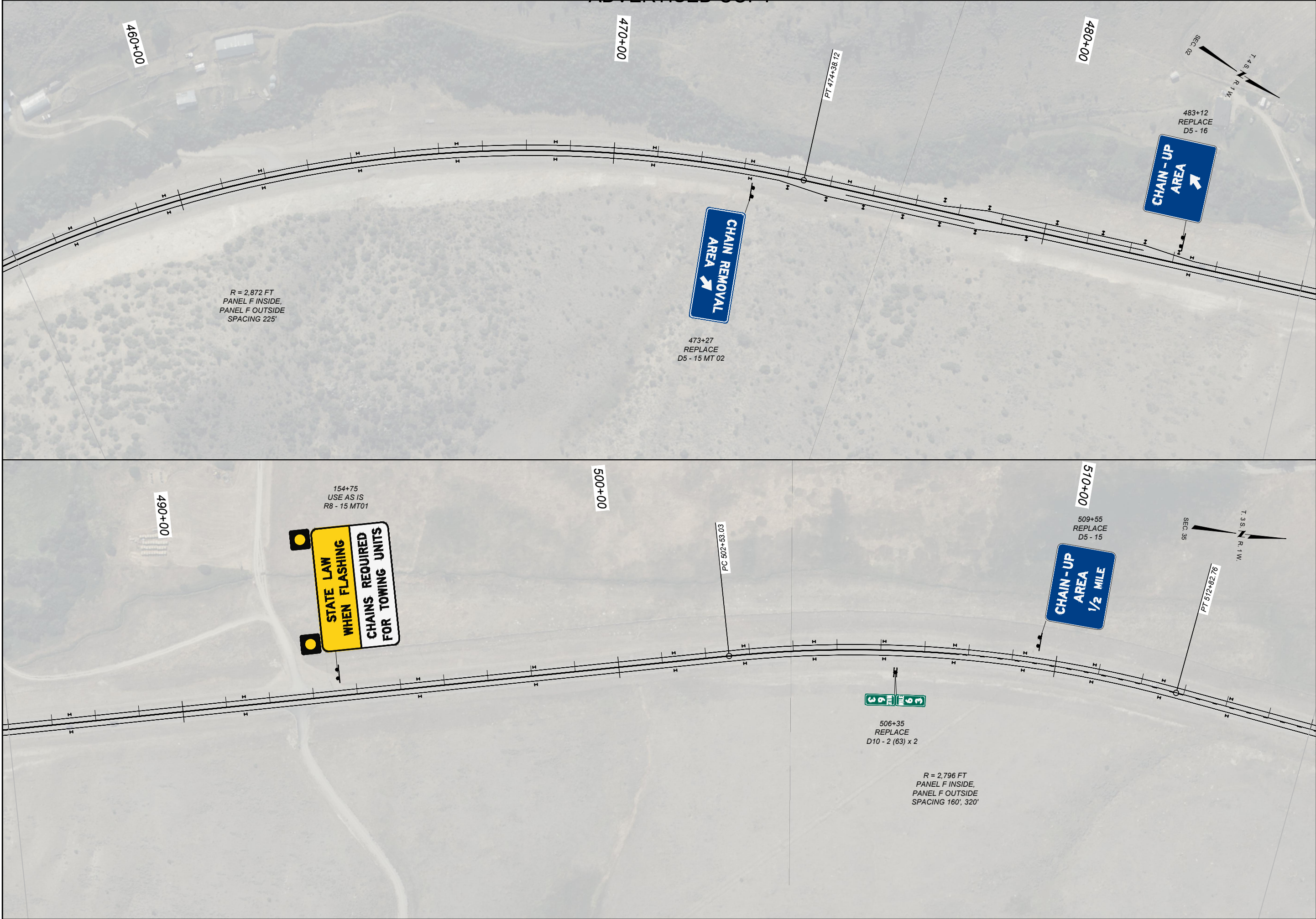
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 MONTANA Department of Transportation		DESIGNED BY S. ERETH	4/2026	PROJECT NAME NORRIS HILL	
SIGNING PLANS		REVIEWED BY N. THOLT	4/2026	COUNTY MADISON	
		CHECKED BY N. STYREN	4/2026	PROJECT ID STPP 13-1(13)55	
7/14/2026 9:31 AM		10561000S1PLN001.DWG		UPN 10561000	
				SHEET NO. S18	



 MONTANA Department of Transportation				DESIGNED BY S. ERETH		4/2026		PROJECT NAME NORRIS HILL		PLAN SHEETS	SHEET NO. S19
SIGNING PLANS				REVIEWED BY N. THOLT		4/2026		COUNTY MADISON			
				CHECKED BY				PROJECT ID STPP 13-1(13)55			
				N. STYREN		4/2026		UPN 10561000			
				10561000SIPLN001.DWG							
7/14/2026 9:32 AM											



 MONTANA Department of Transportation				DESIGNED BY S. ERETH		3/2026	PROJECT NAME NORRIS HILL	
SIGNING PLANS				REVIEWED BY N. THOLT		4/2026	COUNTY MADISON	
				CHECKED BY N. STYREN		4/2026	PROJECT ID STPP 13-1(13)55	
7/14/2026 9:32 AM				10561000SIPLN001.DWG		UPN 10561000		
				SHEET NO. S20				

SHEET NO.

S21

PLAN SHEETS

NORRIS HILL

MADISON

STPP 13-1(13)55

10561000

PROJECT NAME

COUNTY

PROJECT ID

UPN

10561000SIPLN001.DWG	1/2020
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DESIGNED BY

S. ERETH	4/2026
REVIEWED BY	

N. THOLT	CHECKED BY
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N. STYREN	4/2026
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MONTANA
Department of Transportation

SIGNING PLANS

7/14/2026 9:32 AM

