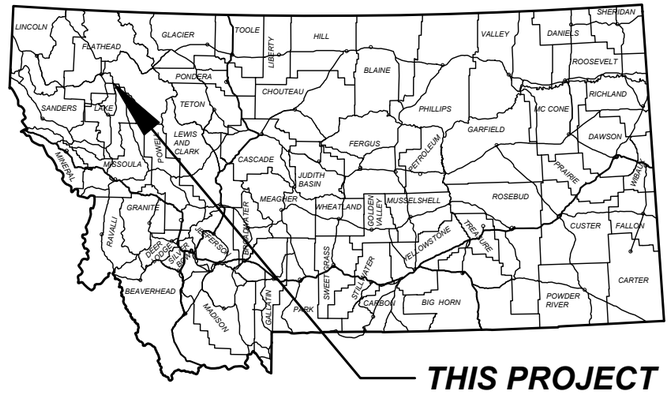
AWARD COPY



MONTANA DEPARTMENT OF TRANSPORTATION

FEDERAL AID PROJECT STPP 52-2(62)33

MILL, OVERLAY, SEAL & COVER WITH FOG SEAL

CRESTON - SOUTH

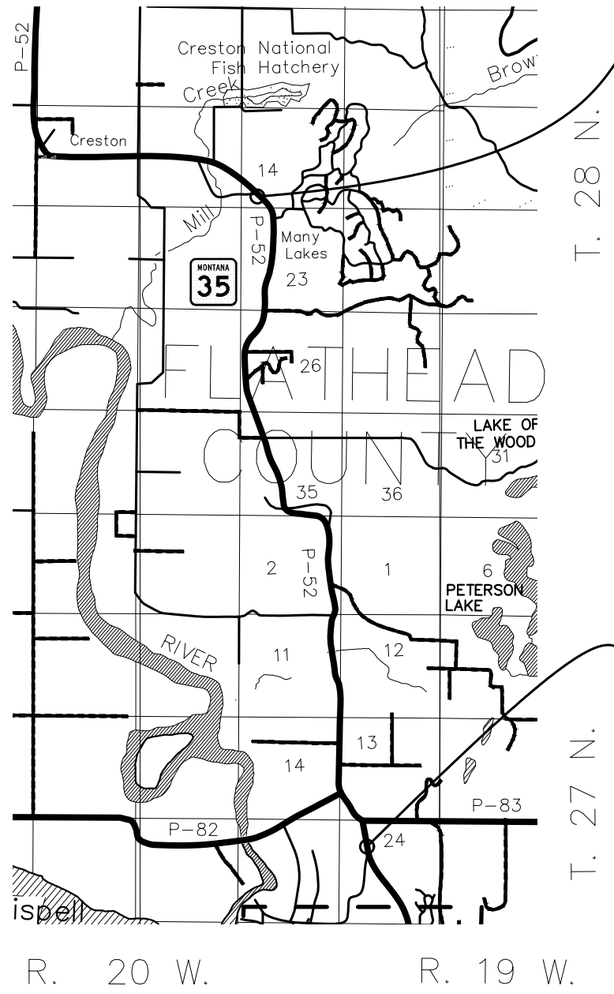
FLATHEAD COUNTY

LENGTH 7.1 MILES

PROJECT DESIGN DATA			
PRESENT	2022	A.D.T. =	8,230
LETTING	2024	A.D.T. =	8,680
DESIGN	2044	A.D.T. =	14,790
		D.H.V. =	1,600
		TRUCKS =	4.3%
		V. =	60 mph
		18 KIP ESAL'S =	177 DAILY
		ANNUAL GROWTH RATE =	2.7%

FOR RP 33.2 TO RP 40.3

SURFACING SOURCES -
CONTRACTOR FURNISHED



SHEET NO. 01

TITLE SHEET

PROJECT NAME	CRESTON-SOUTH
COUNTY	FLATHEAD COUNTY
PROJECT ID	STPP 52-2(62)33
UPN	10234000

DESIGNED BY	M CORNYN	09/2023
REVIEWED BY	J DOLD	12/2023
CHECKED BY	J CERECK	03/2024

10234000RDTTL001.DWG

MONTANA Department of Transportation

ROAD PLANS

5/20/2024 11:11 AM

TABLE OF CONTENTS

ROAD PLANS	SHEET NO.
TITLE SHEET	1
TABLE OF CONTENTS	2
NOTES	2
TYPICAL SECTIONS	3-5
SUMMARY	6-7
SURFACING	6
ADDITIONAL SURFACING	6
COLD MILLING	7
RUMBLE STRIPS	7
CRACK SEALING	7
PAVEMENT MARKINGS	7
DETAILS	8-9
CRACK SEAL	8
SINUSOIDAL CENTERLINE RUMBLE STRIPS	9
SIGNING PLANS	
SUMMARY	S1
SPECIFICATIONS	S2-S12
ELECTRICAL PLANS	
SUMMARY	E1
PLANS	E1

NOTES

BASIS OF PLAN QUANTITIES

(QUANTITIES FOR ESTIMATING PURPOSES ONLY)

COMP. AGGREGATE WEIGHT	= 3700 LBS. PER CUBIC YARD
COMP. WEIGHT OF PL. MIX BIT. SURF.	= 3855 LBS. PER CUBIC YARD
ASPHALT CEMENT - GRADE S - 1/2" AGG.	= 6.0% OF PL.MIX BIT.SURF.
HYDRATED LIME	= 1.4% OF PL.MIX BIT.SURF.
BITUMINOUS MATERIAL	= 8.5 LBS. PER GAL.
EMULSIFIED ASPHALT - TACK (ALL OTHER SURFACES)	= 0.05 GAL. PER SQ.YARD (UNDILUTED)
EMULSIFIED ASPHALT - FOG SEAL (S & C)	= 0.075 GAL. PER SQ.YARD (UNDILUTED)
EMULSIFIED ASPHALT - FOG SEAL (RUMBLE STRIPS)	= 0.10 GAL. PER SQ.YARD (UNDILUTED)
SEAL	= 0.42 GAL. PER SQ.YARD
COVER	= 25 LBS. PER SQ.YARD
CRACK SEALING	= 0.7 LBS. PER LINEAR FOOT

AS-BUILTS

FOR ORIGINAL HORIZONTAL ALIGNMENT AND STATIONING, REFER TO THE "AS-BUILT" PROJECTS.
STPP 52-2(24)33

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.

UTILITIES

CALL THE UTILITIES UNDERGROUND LOCATION CENTER (811) OR OTHER NOTIFICATION SYSTEM FOR THE MARKING AND LOCATION OF ALL LINES AND SERVICES BEFORE EXCAVATING.

APPROACHES (FOR INFORMATION ONLY)

STATION	TYPE	linear feet: WIDTH	RADIUS # LEFT	RADIUS # RIGHT	LENGTH	EXISTING SURFACING	feet: PMS THK.	PROPOSED SURFACE	tons: PLANT MIX BIT. SURF. GRADE S - 1/2"	tons: ASPHALT CEMENT PG 58V-34	gallons: EMULS. ASPHALT TACK	sq. yards: COLD MILLING 0.15 ft	REMARKS
4+00	PUBLIC	24	25	25	25.0	ASPHALT	0.15	ASPHALT	10	0.6	5	105	LT. CHAPMAN HILL RD.
51+25	PUBLIC	24	30	30	25.0	ASPHALT	0.15	ASPHALT	11	0.7	6	119	RT. COVERDELL RD. - M.O.C.
64+25	PUBLIC	24	25	25	25.0	ASPHALT	0.15	ASPHALT	10	0.6	5	105	LT. RAMSFIELD RD.
131+30	PUBLIC	24	30	30	25.0	ASPHALT	0.15	ASPHALT	11	0.7	6	119	LT. RIVERSIDE RD. - M.O.C.
144+60	PUBLIC	24	25	25	25.0	ASPHALT	0.15	ASPHALT	10	0.6	5	105	RT. MCCAFFERY RD.
234+60	PUBLIC	24	25	25	25.0	ASPHALT	0.15	ASPHALT	10	0.6	5	105	LT. DYER RD.
234+80	PUBLIC	24	25	25	25.0	ASPHALT	0.15	ASPHALT	10	0.6	5	105	RT. LA BRANT RD.
276+30	PUBLIC	24	25	25	25.0	ASPHALT	0.15	ASPHALT	10	0.6	5	105	RT. TURTLE MOUNTAIN RD.
305+05	PUBLIC	24	25	25	25.0	ASPHALT	0.15	ASPHALT	10	0.6	5	105	RT. LINDSEY LANE
355+00	PUBLIC	24	50	50	25.0	ASPHALT	0.15	ASPHALT	17	1.0	9	185	RT. MANY LAKES DR. - M.O.C.
365+90	PUBLIC	24	25	25	25.0	ASPHALT	0.15	ASPHALT	10	0.6	5	105	LT. BROEDER LOOP
SUBTOTAL	PUBLIC								119	7.2	61	1,263	

ALL RADII MEASURED TO FRONT OF GUTTER OR EDGE OF SHOULDER
M.O.C. - MEASURED ON CAD

SHEET NO. 02

TABLE OF CONTENTS NOTES AND APPROACHES

PROJECT NAME: CRESTON-SOUTH
COUNTY: FLATHEAD COUNTY
PROJECT ID: STPP 52-2(62)33
UPN: 10234000

DESIGNED BY	REVIEWED BY	CHECKED BY
M CORNYN 09/2023	J DOLD 12/2023	J CERECK 03/2024

10234000RDTTL001.DWG

MONTANA Department of Transportation

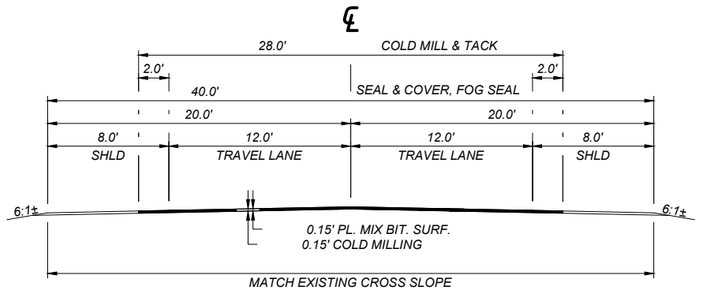
ROAD PLANS

5/20/2024 11:11 AM

AWARD COPY

TYPICAL SECTION NO. 1

MT-35



0+00.00	TO	13+53.00		
13+53.00	TO	18+53.00		TRANS. TYP. NO. 1 TO TYP. NO. 2
43+64.00	TO	176+75.00		THEN TO TYP. NO. 5
177+75.00				
209+18.71	BK TO	209+71.56	AH	
294+60.25	BK TO	294+88.65	AH	
305+28.31	BK TO	305+62.08	AH	
	TO	352+37.64		
352+37.64	TO	354+17.64		TRANS. TYP. NO. 1 TO TYP. NO. 4
362+50.00				
369+15.58	BK TO	369+26.37	AH	
	TO	375+00.00		

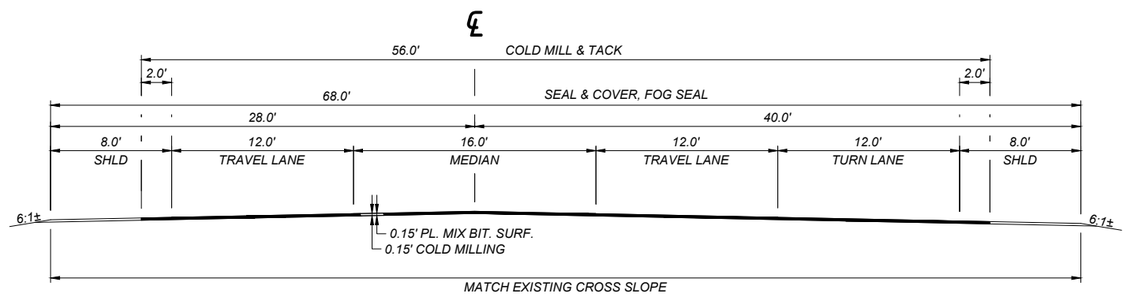
QUANTITIES

UNIT	AGGREGATE		UNIT	BITUMINOUS MATERIAL				COLD MILLING
	COVER	PLANT MIX		ASPHALT CEMENT	EMULSIFIED ASPHALT SEAL	EMULSIFIED ASPHALT TACK*	EMULSIFIED ASPHALT FOG SEAL	
AREA square feet		4.20	square yards PER STATION		444	311	444	311
cubic yards PER STATION		15.6	tons PER STATION	1.81	0.79			
tons PER STATION		30.1	gals. PER STATION			16	33	
square yards PER STATION	444							

* BASED ON 1 APPLICATION

TYPICAL SECTION NO. 2

MT-35



18+53.00	TO	19+50.00		
19+50.00	TO	20+87.70		TRANS. TYP. NO. 2 TO TYP. NO. 3
37+75.00	TO	38+64.00		
38+64.00	TO	43+64.00		TRANS. TYP. NO. 2 TO TYP. NO. 1

QUANTITIES

UNIT	AGGREGATE		UNIT	BITUMINOUS MATERIAL				COLD MILLING
	COVER	PLANT MIX		ASPHALT CEMENT	EMULSIFIED ASPHALT SEAL	EMULSIFIED ASPHALT TACK*	EMULSIFIED ASPHALT FOG SEAL	
AREA square feet		8.40	square yards PER STATION		756	622	756	622
cubic yards PER STATION		31.1	tons PER STATION	3.59	1.35			
tons PER STATION		59.9	gals. PER STATION			31	57	
square yards PER STATION	756							

* BASED ON 1 APPLICATION

SHEET NO. 03

TYPICAL SECTIONS

PROJECT NAME: CRESTON-SOUTH
COUNTY: FLATHEAD COUNTY
PROJECT ID: STPP 52-2(62)33
UPN: 10234000

DESIGNED BY	09/2023	REVIEWED BY	12/2023	CHECKED BY	03/2024
M CORNYN		J DOLD		J CERECK	

10234000RDTYP001.DWG

MONTANA Department of Transportation

ROAD PLANS

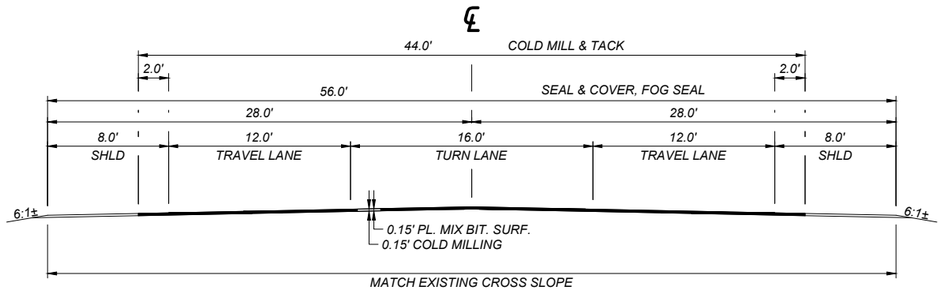
5/20/2024 10:30 AM

AWARD COPY

TYPICAL SECTION NO. 3

MT-35

20+87.70 TO 36+35.00
36+35.00 TO 37+75.00 TRANS. TYP. NO. 3 TO TYP. NO. 2



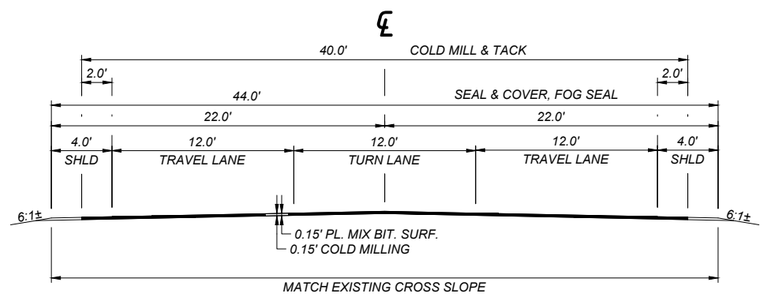
QUANTITIES								
UNIT	AGGREGATE		UNIT	BITUMINOUS MATERIAL				COLD MILLING
	COVER	PLANT MIX		ASPHALT CEMENT	EMULSIFIED ASPHALT SEAL	EMULSIFIED ASPHALT TACK*	EMULSIFIED ASPHALT FOG SEAL	
AREA square feet		6.60	square yards PER STATION		622	489	622	489
cubic yards PER STATION		24.4	tons PER STATION	2.82	1.11			
tons PER STATION		47.0	gals. PER STATION			24	47	
square yards PER STATION	622							

* BASED ON 1 APPLICATION

TYPICAL SECTION NO. 4

MT-35

354+17.64 TO 360+70.00
360+70.00 TO 362+50.00 TRANS. TYP. NO. 4 TO TYP. NO. 1



QUANTITIES								
UNIT	AGGREGATE		UNIT	BITUMINOUS MATERIAL				COLD MILLING
	COVER	PLANT MIX		ASPHALT CEMENT	EMULSIFIED ASPHALT SEAL	EMULSIFIED ASPHALT TACK*	EMULSIFIED ASPHALT FOG SEAL	
AREA square feet		6.00	square yards PER STATION		489	444	489	444
cubic yards PER STATION		22.2	tons PER STATION	2.57	0.87			
tons PER STATION		42.8	gals. PER STATION			22	37	
square yards PER STATION	489							

* BASED ON 1 APPLICATION

SHEET NO. 04

TYPICAL SECTIONS

PROJECT NAME: CRESTON-SOUTH
COUNTY: FLATHEAD COUNTY
PROJECT ID: STPP 52-2(62)33
UPN: 10234000

DESIGNED BY		REVIEWED BY		CHECKED BY	
M CORNYN	09/2023	J DOLD	12/2023	J CERECK	03/2024

10234000RDTYP001.DWG

MONTANA Department of Transportation

ROAD PLANS

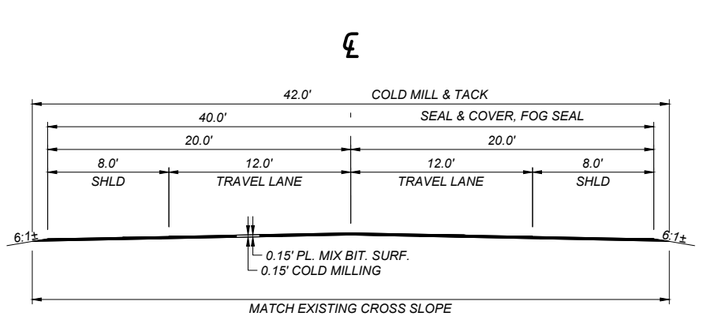
5/20/2024 10:30 AM

AWARD COPY

176+75.00 TO 177+75.00 THEN TO TYP. NO. 1 RP 36.57#

TYPICAL SECTION NO. 5

MT-35



MODIFY LIMITS TO MATCH SITE CONDITIONS - AT THE DIRECTION OF PM.

QUANTITIES								
UNIT	AGGREGATE		UNIT	BITUMINOUS MATERIAL				COLD MILLING
	COVER	PLANT MIX		ASPHALT CEMENT	EMULSIFIED ASPHALT SEAL	EMULSIFIED ASPHALT TACK*	EMULSIFIED ASPHALT FOG SEAL	
AREA square feet		6.15	square yards PER STATION		444	467	444	467
cubic yards PER STATION		22.8	tons PER STATION	2.63	0.79			
tons PER STATION		43.9	gals. PER STATION			23	33	
square yards PER STATION	444							

* BASED ON 1 APPLICATION

SHEET NO. 05

TYPICAL SECTIONS

PROJECT NAME CRESTON-SOUTH

COUNTY FLATHEAD COUNTY

PROJECT ID STPP 52-2(62)33

UPN 10234000

DESIGNED BY		DRAWN BY	
M CORNYN	09/2023		
REVIEWED BY			
J DOLD	12/2023		
CHECKED BY			
J CERECK	03/2024		

MONTANA Department of Transportation

ROAD PLANS

5/20/2024 10:30 AM

10234000RDTYP001.DWG

AWARD COPY

SUMMARY

SURFACING

STATION FROM	STATION TO	linear feet GROSS	linear feet NET	linear feet +	linear feet -	FOR	tons HYDRATED LIME	AGGREGATE sq. yards COVER TYPE 2	AGGREGATE tons PLANT MIX BIT. SURF. GRADE S - 1/2"	BITUMINOUS MATERIAL tons ASPHALT CEMENT PG 58V-34	BITUMINOUS MATERIAL tons EMULSIFIED ASPHALT CHFRS-2P	BITUMINOUS MATERIAL gals. EMULSIFIED ASPHALT TACK	BITUMINOUS MATERIAL gals. EMULSIFIED ASPHALT FOG SEAL	REMARKS
MT 35														
0+00.00	13+53.00	1,353.00	1,353.00					6,007	407	24.5	10.7	216	446	TYP. NO. 1
13+53.00	18+53.00	500.00	500.00					3,000	225	13.5	5.4	118	225	TRANS. TYP. NO. 1 TO TYP. NO. 2
18+53.00	19+50.00	97.00	97.00					733	58	3.5	1.3	30	55	TYP. NO. 2
19+50.00	20+87.70	137.70	137.70					949	74	4.4	1.7	38	72	TRANS. TYP. NO. 2 TO TYP. NO. 3
20+87.70	36+35.00	1,547.30	1,547.30					9,624	727	43.6	17.2	371	727	TYP. NO. 3
36+35.00	37+75.00	140.00	140.00					965	75	4.5	1.7	39	73	TRANS. TYP. NO. 3 TO TYP. NO. 2
37+75.00	38+64.00	89.00	89.00					673	53	3.2	1.2	28	51	TYP. NO. 2
38+64.00	43+64.00	500.00	500.00					3,000	225	13.5	5.4	118	225	TRANS. TYP. NO. 2 TO TYP. NO. 1
43+64.00	176+75.00	13,311.00	13,311.00					59,101	4,007	240.9	105.2	2,130	4,393	TYP. NO. 1
176+75.00	177+75.00	100.00	100.00					444	44	2.6	0.8	23	33	TYP. NO. 5
177+75.00														
209+18.71 BK	209+71.56 AH				52.85	EQUATION								
294+60.25 BK	294+88.65 AH				28.40	EQUATION								
305+28.31 BK	305+62.08 AH				33.77	EQUATION								
	352+37.64	17,462.64	17,347.62					77,023	5,222	314.0	137.0	2,776	5,725	TYP. NO. 1
352+37.64	354+17.64	180.00	180.00					840	66	3.9	1.5	34	63	TRANS. TYP. NO. 1 TO TYP. NO. 4
354+17.64	360+70.00	652.36	652.36					3,190	279	16.8	5.7	144	241	TYP. NO. 4
360+70.00	362+50.00	180.00	180.00					840	66	3.9	1.5	34	63	TRANS. TYP. NO. 4 TO TYP. NO. 1
362+50.00														
369+15.58 BK	369+26.37 AH				10.79	EQUATION								
	375+00.00	1,250.00	1,239.21					5,502	373	22.4	9.8	198	409	TYP. NO. 1
						ADDITIONAL SURFACING			119	7.2		61		
TOTAL		37,500.00	37,374.19	~	125.81		168	171,891	12,020	722.4	306.1	6,358	12,801	

ADDITIONAL SURFACING (INCLUDED IN SURFACING FRAME)

STATION FROM	STATION TO	linear feet GROSS	linear feet NET	linear feet +	linear feet -	FOR	tons HYDRATED LIME	AGGREGATE sq. yards COVER TYPE 2	AGGREGATE tons PLANT MIX BIT. SURF. GRADE S - 1/2"	BITUMINOUS MATERIAL tons ASPHALT CEMENT PG 58V-34	BITUMINOUS MATERIAL tons EMULSIFIED ASPHALT CHFRS-2P	BITUMINOUS MATERIAL gals. EMULSIFIED ASPHALT TACK	BITUMINOUS MATERIAL gals. EMULSIFIED ASPHALT FOG SEAL	REMARKS
						11 - PUBLIC APPROACHES			119	7.2		61		SEE APPROACHES FRAME
SUBTOTAL		~	~	~	~		~	~	119	7.2	~	61	~	

SHEET NO. 06

SUMMARY

PROJECT NAME CRESTON-SOUTH
COUNTY FLATHEAD COUNTY
PROJECT ID STPP 52-2(62)33
UPN 10234000

DESIGNED BY	09/2023	REVIEWED BY	12/2023	CHECKED BY	03/2024
M CORNYN		J DOLD		J CERECK	

10234000RDSUM001.DWG

MONTANA Department of Transportation

ROAD PLANS

5/20/2024 10:37 AM

AWARD COPY

SUMMARY

CRACK SEALING *

STATION		TRANSVERSE & LONGITUDINAL CRACK SEALING		REMARKS
		CRACK SEALING		
FROM	TO	pounds	linear feet	
0+00.00	375+00.00	213	304	CRACK SEALING IS APPLIED ONLY TO SHOULDERS OUTSIDE THE ASPHALT MILL/FILL LIMITS
SUBTOTAL		213	#	
TOTAL		213	#	

* SEE DETAIL SHEET
\# FOR INFORMATION ONLY

PAVEMENT MARKINGS

ITEM	UNIT	INTERIM APPLICATION #	FINAL APPLICATION	TOTAL
STRIPING - WHITE PAINT	gallon	524		524
STRIPING - YELLOW PAINT	gallon	408		408
WORDS & SYMBOLS - WHITE PAINT	gallon	40		40
WORDS & SYMBOLS - YELLOW PAINT	gallon	14		14
STRIPING - WHITE EPOXY	gallon		350	350
STRIPING - YELLOW EPOXY	gallon		272	272
WORDS & SYMBOLS - WHITE EPOXY	gallon		27	27
WORDS & SYMBOLS - YELLOW EPOXY	gallon		9	9
TEMPORARY STRIPING	linear feet			78,000

\# BASED ON 2 APPLICATIONS.

COLD MILLING

STATION		sq. yards	REMARKS
		COLD MILLING	
FROM	TO	0.15 ft	
0+00.00	13+53.00	4,208	TYP. NO. 1
13+53.00	18+53.00	2,333	TRANS. TYP. NO. 1 TO TYP. NO. 2
18+53.00	19+50.00	603	TYP. NO. 2
19+50.00	20+87.70	765	TRANS. TYP. NO. 2 TO TYP. NO. 3
20+87.70	36+35.00	7,566	TYP. NO. 3
36+35.00	37+75.00	778	TRANS. TYP. NO. 3 TO TYP. NO. 2
37+75.00	38+64.00	554	TYP. NO. 2
38+64.00	43+64.00	2,333	TRANS. TYP. NO. 2 TO TYP. NO. 1
43+64.00	176+75.00	41,397	TYP. NO. 1
176+75.00	177+75.00	467	TYP. NO. 5
177+75.00	352+37.64	53,951	TYP. NO. 1
352+37.64	354+17.64	680	TRANS. TYP. NO. 1 TO TYP. NO. 4
354+17.64	360+70.00	2,896	TYP. NO. 4
360+70.00	362+50.00	680	TRANS. TYP. NO. 4 TO TYP. NO. 1
362+50.00	375+00.00	3,854	TYP. NO. 1
		1,263	
SUBTOTAL		124,328	
TOTAL		124,328	

RUMBLE STRIPS

STATION		miles		gals	REMARKS
		RUMBLE STRIPS			
FROM	TO	INTERMITTENT SHOULDER	SINUSOIDAL CENTERLINE	EMULSIFIED ASPHALT FOG SEAL #	
0+00.00	375+00.00	13.8	6.0	6,970	TWO SINUSOIDAL CENTERLINE RUMBLE STRIPS ON PAINTED DIVIDED MEDIANS
SUBTOTAL		13.8	6.0	6,970	
TOTAL		13.8	6.0	~	

\# FOR INFORMATION ONLY, INCLUDE IN THE COST OF RUMBLE STRIPS

SHEET NO.
07

SUMMARY

PROJECT NAME: CRESTON-SOUTH
COUNTY: FLATHEAD COUNTY
PROJECT ID: STPP 52-2(62)33
UPN: 10234000

DESIGNED BY	M CORNYN	09/2023
REVIEWED BY	J DOLD	12/2023
CHECKED BY	J CERECK	03/2024

MONTANA
Department of Transportation

ROAD PLANS

5/20/2024 10:37 AM

10234000RDSUM001.DWG

DETAIL

NO SCALE

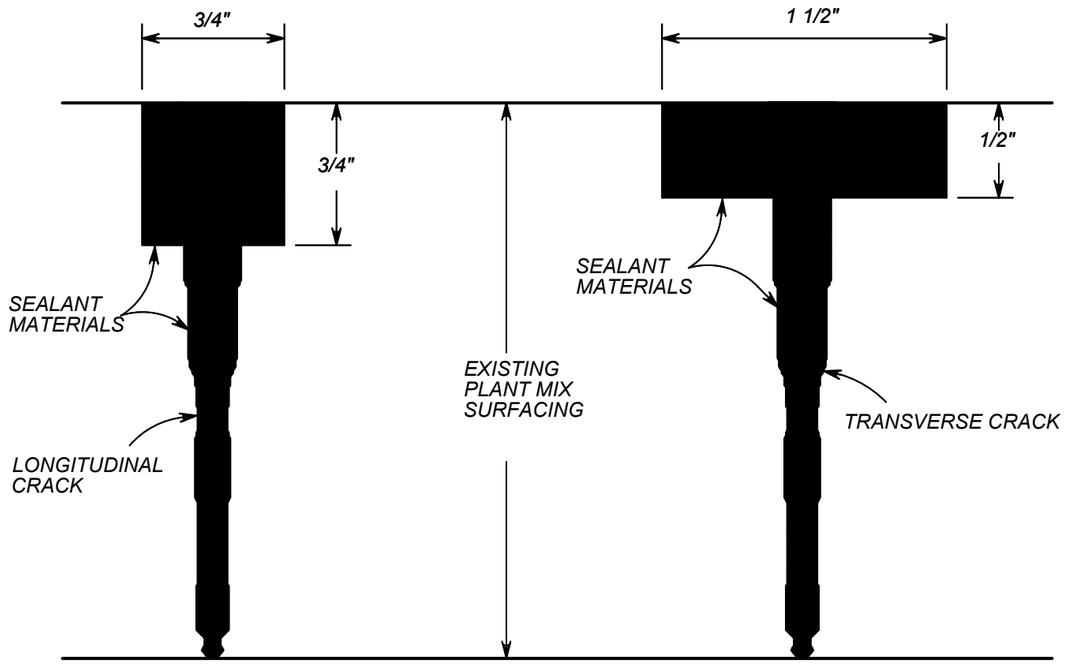
CRACKS 1/8" TO 1 1/2" WIDE

LONGITUDINAL CRACK

ROUT 3/4" WIDE x 3/4" DEEP
PRIOR TO APPLYING SEALANT

TRANSVERSE CRACK

ROUT 1 1/2" WIDE x 1/2" DEEP
PRIOR TO APPLYING SEALANT



SHEET NO. 08

CRACK SEALING DETAIL

PROJECT NAME: CRESTON-SOUTH
COUNTY: FLATHEAD COUNTY
PROJECT ID: STPP 52-2(62)33
UPN: 10234000

DESIGNED BY		REVIEWED BY		CHECKED BY	
M CORNYN	09/2023	J DOLD	12/2023	J CERECK	03/2024

MONTANA Department of Transportation

ROAD PLANS

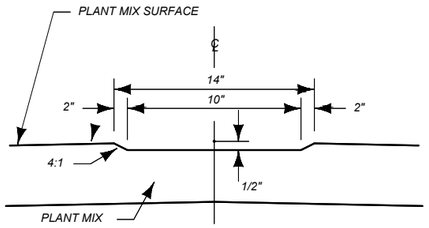
3/20/2024 2:48 PM

10234000RDDET001.DWG

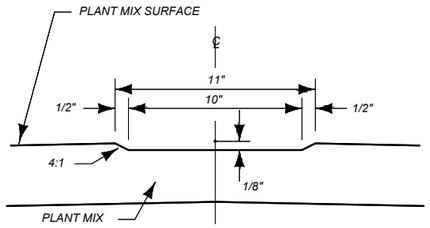
AWARD COPY

DETAIL

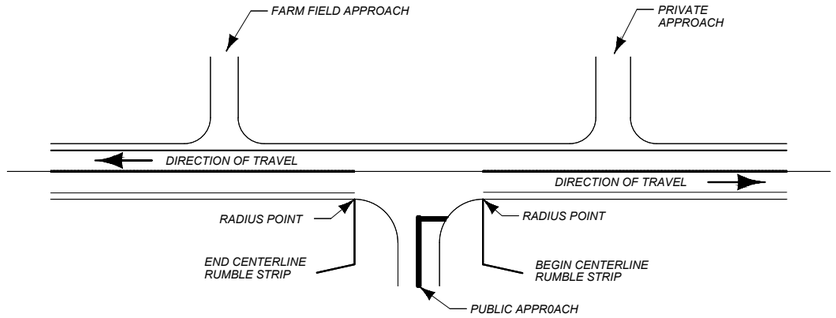
NO SCALE



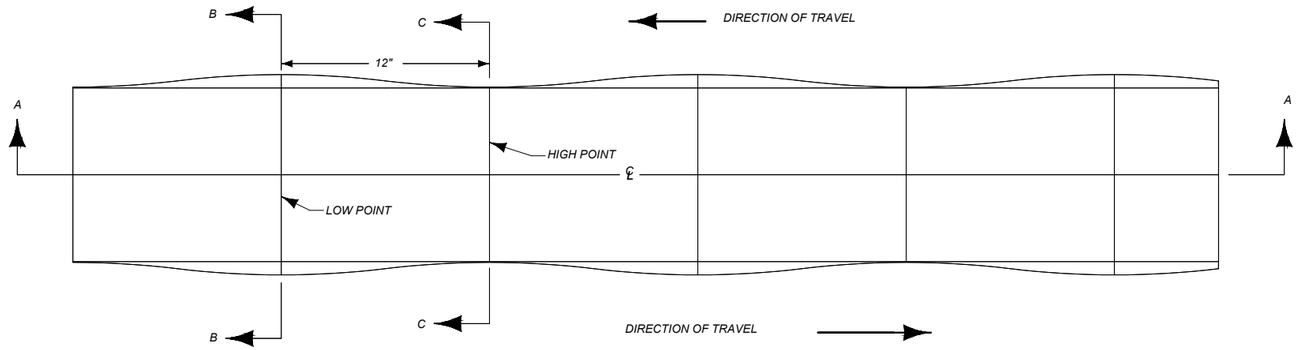
SECTION B-B



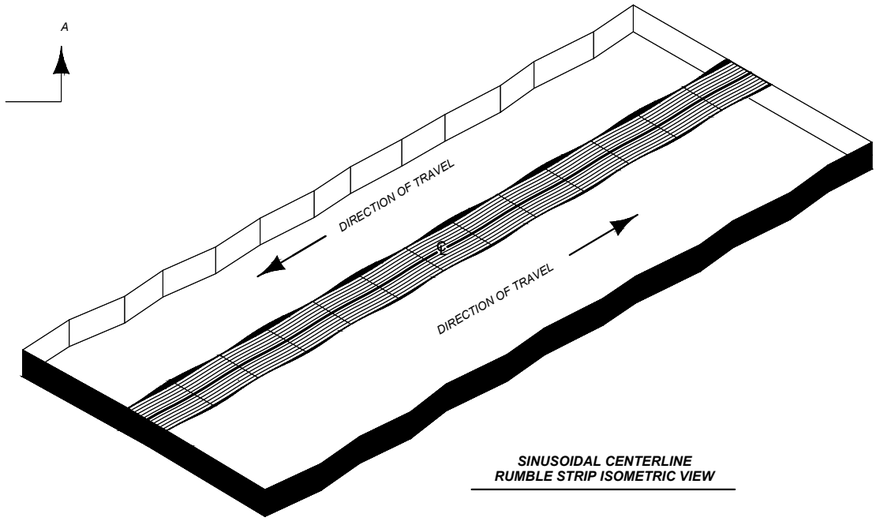
SECTION C-C



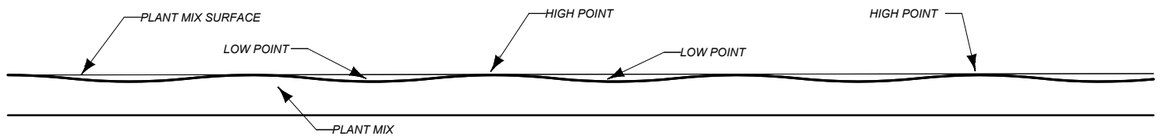
SINUSOIDAL CENTERLINE RUMBLE STRIP APPROACH DETAIL



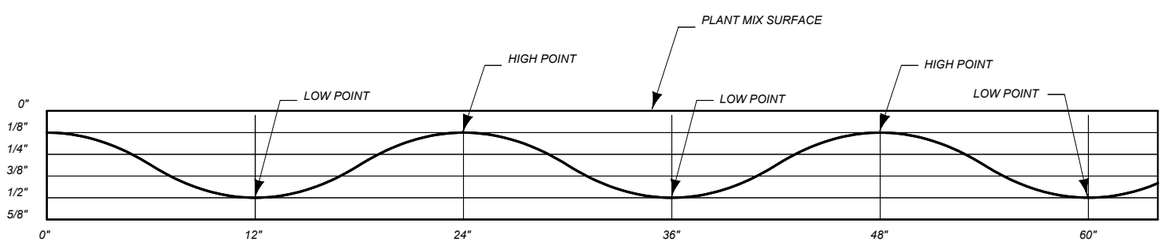
SINUSOIDAL CENTERLINE RUMBLE STRIP WITH TAPERED GROOVE PLAN VIEW



SINUSOIDAL CENTERLINE RUMBLE STRIP ISOMETRIC VIEW



SECTION A-A



SINUSOIDAL CENTERLINE RUMBLE STRIP PROFILE VIEW

EXAGGERATED VERTICAL SCALE 10:1

NOTES:

BREAK SINUSOIDAL CENTERLINE RUMBLE STRIPS FOR PUBLIC APPROACHES ONLY.

DO NOT INSTALL SINUSOIDAL CENTERLINE RUMBLE STRIPS ON CONCRETE BRIDGE DECKS AND CONCRETE BRIDGE APPROACH SLABS.

DO NOT INSTALL SINUSOIDAL CENTERLINE RUMBLE STRIPS IN AREAS POSTED AT 45 MPH OR LESS.

ROUTES WITHIN DESIGNATED CITY OR URBAN LIMITS USE ENGINEERING JUDGEMENT ON A CASE BY CASE BASIS TO DETERMINE IF SINUSOIDAL CENTERLINE RUMBLE STRIP INSTALLATION IS APPROPRIATE.

MINIMUM VERTICAL MILLING DEPTHS AND DIFFERENCE BETWEEN MILLING HIGH POINTS AND LOW POINTS SHOWN IN DETAIL. ADDITIONAL 1/8" DEPTH OF MILLING IS ALLOWABLE ON INSTALLATION OF SINUSOIDAL CENTERLINE RUMBLE STRIP.

SEE DETAILED DRAWING 620-30 FOR CENTERLINE RUMBLE STRIP PAVEMENT MARKING INFORMATION.

SHEET NO. 09

SINUSOIDAL CENTERLINE RUMBLE STRIPS DETAIL

PROJECT NAME	CRESTON-SOUTH
COUNTY	FLATHEAD COUNTY
PROJECT ID	STPP 52-2(62)33
UPN	10234000

DESIGNED BY	09/2023	REVIEWED BY	12/2023
M CORNYN		J DOLD	
CHECKED BY	03/2024		
J CERECK			

1023400ORDDET001.DWG

MONTANA Department of Transportation

ROAD PLANS

3/20/2024 2:48 PM

NOTES AND ABBREVIATIONS:

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

ALL MARKINGS ARE PAINT, EXCEPT AS NOTED. WHERE SPECIFIED ON THE PLANS AS PLASTIC, INSTALL INLAID HOT EXTRUDED HYDRO-CARBON THERMOPLASTIC PAVEMENT MARKINGS.

SEE LOCATION AND SPECIFICATION SHEETS FOR PORTIONS OF PROJECT NOT INCLUDED WITHIN SIGNING PLAN SHEETS.

SIGN POSTS SYMBOLS SHOWN ARE FOR REFERENCE ONLY TO SHOW EXISTING SIGNS THAT REQUIRE NO ACTION.

SIGNING LOCATIONS ARE APPROXIMATE.
ENGINEERING 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, ENGINEERING PROJECT MANAGER WILL CONTACT TRAFFIC & SAFETY BUREAU SIGNING SECTION WITH THE CORRECT NAME AND A NEW SIGN DESIGN WILL BE PROVIDED.

✕ = STANDARD BREAKAWAY DEVICE:
- FOR WOOD POST SEE DETAILED DRAWING 619-20.
- FOR STRUCTURAL STEEL SEE DETAILED DRAWING 619-13.

▲ = SINGLE SQUARE TUBE REQUIRED. MOUNTED IN HEAVY DUTY STUB.

★ = TELESCOPED SQUARE TUBES (2-1/4" & 2-1/2") WITH SLIP BASE BREAKAWAY REQUIRED. MOUNTED IN HEAVY DUTY STUB.

■ = FRANGIBLE SIGN POST. BREAKAWAY DEVICE REQUIRED.

AIR = ANGLE IRON REQUIRED 2 1/2" x 2 1/2" x 3/8" x 6'-4" (37 lbs.)

BBR = BACKBRACING REQUIRED:
- -FOR WOOD POST 2" X 4" REQ'D.
- - FOR STRUCTURAL STEEL 2" X 2" X 1/4" ANGLE IRON REQ'D.

BGR = BEHIND GUARDRAIL

FY = FLUORESCENT YELLOW SHEETING REQUIRED.

FYG = FLUORESCENT YELLOW - GREEN SHEETING REQUIRED.

MBB = MOUNT BACK TO BACK

RSFO = REPLACE SIGN FACE ONLY.

SUMMARY
SIGNING & DELINEATION QUANTITIES

MATERIAL	TOTALS	UNIT
SIGNS-SHEET ALUM SHT INCR XI	414.6	SQFT
SIGNS-ALUM REFL SHEET XI	728.4	SQFT
REMOVE SIGN	82	EACH
REMOVE SIGN-GUIDE	10	EACH
POSTS-STEEL U SIGN	140	LB
POSTS-STEEL STRUCTURAL SIGN	247	LB
POLES-TREATED WOOD 4 IN	742	LNFT
POLES-TREATED WOOD 5 IN	328	LNFT
FRANG SIGN POST BKWY-S4 X 7.7 (S100X11)	2	EACH
DELINEATOR TYPE 1	323	EACH

DELINEATION SPECIFICATIONS

DESIGN	TOTALS
A	274
D	30
G	19

SHEET NO.
S1

SIGNING SUMMARY
FRAMES AND NOTES

PROJECT NAME: CRESTON - SOUTH
COUNTY: FLATHEAD
PROJECT ID: STPP 52-2(62)33
UPN: 10234000

DESIGNED BY: L MOREY 11/2023
REVIEWED BY: N THOLT 11/2023
CHECKED BY: R SCHROEDER 11/2023

MONTANA Department of Transportation

SIGNING PLANS

5/21/2024 3:25 PM

10234000SISUM001.DWG

AWARD COPY

SIGN LOCATION				SIGN PANEL SPECIFICATIONS							SIGN ASSEMBLY SPECIFICATIONS											SIGN ASSEMBLY QUANTITIES													ADDITIONAL SIGN INFORMATION	
REF. POST		DIRECTION	RAMP NO.	SIGN NO. (MUTCD)	PANEL SIZE (INCHES)	FY OR FYG	BACK BRACING REQ'D ANGLE IRON REQ'D	MOUNT BACK TO BACK	REPLACE SIGN FACE ONLY	FEET		FEET							CANTILEVER	BREAKAWAY TYPE	BEHIND GUARDRAIL	PANEL (SQ. FT.)		WOOD POLE (LNR. FT.)		STEEL POST (LBS.)				BREAKAWAY	REMV		RESET		SIGN IMAGE	SIGN TEXT & REMARKS
LFT	MDN	RGT			W X H					CLEARANCE/OFFSET (SHOULDER TO EDGE OF SIGN)	TYPE OF SUPPORT	SIGN SUPPORT SPACING	MOUNTING HEIGHT	SIGN HEIGHT + GAPS	FOUNDATION DEPTH	SUPPORT LENGTH (ESTIMATED) X	Y	Z				SHEET ALUMINUM	SHEET ALUMINUM INCREMENT	4" TOP DIA.	5" TOP DIA.	ROUND TUBULAR	SQUARE TUBULAR	STRUCTURAL STEEL	"U" POST		SIGN	GUIDE	SIGN	GUIDE		
33.254																																			
X				D3 (2x)	30 X 18			MBB		6.0	4" Treated Wood Pole		5.0	4.1	3.0	13.1						7.5		14.0							1				CHAPMAN HILL RD	CHAPMAN HILL RD
				R1-1	30 X 30																	5.2												STOP
33.416																																			
		X		M2-1	21 X 15					10.0	4" Treated Wood Pole		5.0	3.3	3.0	13.0						2.2		14.0							1				JCT	JCT
				M1-5	24 X 24																	4.0												MONTANA 83	MONTANA 83
33.419							BBR																												
X				G52-33a	120 X 36				RSFO														30.0							1				BIGFORK 1 POLSON 34	BIGFORK 1, POLSON 34
33.436																																			
		X		W3-3	36 X 36					10.0	4" Treated Wood Pole		5.0	4.2	3.0	13.9						9.0		14.0							1					SIGNAL AHEAD (symbol)
33.446							BBR																												
		X		G52-33b	150 X 66				RSFO					5.5								68.8									1				KALISPELL GLACIER NAT'L PARK SWAN LAKE	KALISPELL, GLACIER NAT'L PARK, SWAN LAKE
33.471																																			
		X		W3-4	36 X 36				RSFO		Flasher Pole			6.3								9.0									1				BE PREPARED TO STOP	BE PREPARED TO STOP
				W3-4P	30 X 24				RSFO													5.0												WHEN FLASHING	WHEN FLASHING
33.471																																			
X				R2-1	24 X 30					10.0	4" Treated Wood Pole		5.0	2.5	3.0	12.2						5.0		14.0							1				SPEED LIMIT 50	SPEED LIMIT 50
33.499																																		HINGED SIGN	MCS HINGED SIGN
X				BY OTHERS																															
33.514																																			
X				M3-3	24 X 12					10.0	4" Treated Wood Pole		5.0	3.1	3.0	12.8						2.0		14.0							1				SOUTH	SOUTH
				M1-5	24 X 24																	4.0												MONTANA 35	MONTANA 35

SHEET NO.
S2

SIGN LOCATIONS AND SPECIFICATIONS

PROJECT NAME: CRESTON - SOUTH
COUNTY: FLATHEAD
PROJECT ID: STPP 52-2(62)33
UPN: 10234000

DESIGNED BY: L MOREY 11/2023
REVIEWED BY: N THOLT 11/2023
CHECKED BY: R SCHROEDER 11/2023

MONTANA Department of Transportation

SIGNING PLANS

5/21/2024 3:25 PM

10234000SUM001.DWG

AWARD COPY

SIGN LOCATION				SIGN PANEL SPECIFICATIONS						SIGN ASSEMBLY SPECIFICATIONS											SIGN ASSEMBLY QUANTITIES											ADDITIONAL SIGN INFORMATION	
REF. POST		DIRECTION	RAMP NO.	SIGN NO. (MUTCD)	PANEL SIZE (INCHES)	FY OR FYG	BACK BRACING REQ'D ANGLE IRON REQ'D	MOUNT BACK TO BACK	REPLACE SIGN FACE ONLY	FEET	TYPE OF SUPPORT	FEET						CANTILEVER	BREAKAWAY TYPE	BEHIND GUARDRAIL	PANEL (SQ. FT.)		WOOD POLE (LNR. FT.)		STEEL POST (LBS.)				BREAKAWAY	REMV		RESET		SIGN IMAGE	SIGN TEXT & REMARKS
LFT	MDN	RGT			W X H					CLEARANCE/OFFSET (SHOULDER TO EDGE OF SIGN)		SIGN SUPPORT SPACING	MOUNTING HEIGHT	SIGN HEIGHT + GAPS	FOUNDATION DEPTH	SUPPORT LENGTH (ESTIMATED) X	Y	Z			SHEET ALUMINUM	SHEET ALUMINUM INCREMENT	4" TOP DIA.	5" TOP DIA.	ROUND TUBULAR	SQUARE TUBULAR	STRUCTURAL STEEL	"U" POST		SIGN	GUIDE	SIGN	GUIDE		
33.531																																		
		X		M1-5	24 X 24		BBR			10.0	5" Treated Wood Pole		5.0	3.3	3.5	13.5				X	4.0			14.0					1					MONTANA 35
				M6-3	21 X 15																2.2												DIRECTIONAL ARROW-UP
				M1-5	24 X 24																4.0												MONTANA 83
				M6-1R	21 X 15																2.2												DIRECTIONAL ARROW-RT
33.539				OH D3	48 X 12				RSFO		Overhead Str Cantilever							X			4.0								1					MT HWY 83
33.561				OH D3	48 X 12				RSFO		Overhead Str Cantilever							X			4.0								1					MT HWY 83
33.564				OH D3	48 X 12				RSFO		Overhead Str Cantilever							X			4.0								1					MT HWY 35
33.564				W1-7a	72 X 42	FY				15.0	5" Treated Wood Pole	3.7	5.0	3.5	3.5	14.5	14.5			X		21.0		30.0						1					DIRECT ARRW (LRG) w/BORDER
33.573				M1-5	24 X 24		BBR			10.0	5" Treated Wood Pole		5.0	3.3	3.5	13.5				X	4.0			14.0					1					MONTANA 83
				M6-1L	21 X 15																2.2												DIRECTIONAL ARROW-LT
				M1-5	24 X 24																4.0												MONTANA 35
				M6-3	21 X 15																2.2												DIRECTIONAL ARROW-UP
33.600																																		
		X		M3-1	24 X 12					10.0	4" Treated Wood Pole		5.0	3.1	3.0	12.8					2.0		14.0						1					NORTH
				M1-5	24 X 24																4.0												MONTANA 35
33.629																																		
X				W3-4	36 X 36				RSFO		Flasher Pole			6.3							9.0								1					BE PREPARED TO STOP
				W3-4P	30 X 24				RSFO												5.0												WHEN FLASHING

SHEET NO.
S3

SIGN LOCATIONS AND SPECIFICATIONS

PROJECT NAME: CRESTON - SOUTH
COUNTY: FLATHEAD
PROJECT ID: STPP 52-2(62)33
UPN: 10234000

DESIGNED BY	REVIEWED BY	CHECKED BY
L MOREY 11/2023	N THOLT 11/2023	R SCHROEDER 11/2023

10234000SIGN001.DWG

MONTANA
Department of Transportation

SIGNING PLANS

5/21/2024 3:25 PM

AWARD COPY

SIGN LOCATION				SIGN PANEL SPECIFICATIONS							SIGN ASSEMBLY SPECIFICATIONS											SIGN ASSEMBLY QUANTITIES												ADDITIONAL SIGN INFORMATION	
REF. POST		DIRECTION	RAMP NO.	SIGN NO. (MUTCD)	PANEL SIZE (INCHES)	FY OR FYG	BACK BRACING REQ'D ANGLE IRON REQ'D	MOUNT BACK TO BACK	REPLACE SIGN FACE ONLY	FEET		FEET						CANTILEVER	BREAKAWAY TYPE	BEHIND GUARDRAIL	PANEL (SQ. FT.)		WOOD POLE (LNR. FT.)		STEEL POST (LBS.)				BREAKAWAY	REMV		RESET		SIGN IMAGE	SIGN TEXT & REMARKS
LFT	MDN	RGT			W X H					CLEARANCE/OFFSET (SHOULDER TO EDGE OF SIGN)	TYPE OF SUPPORT	SIGN SUPPORT SPACING	MOUNTING HEIGHT	SIGN HEIGHT + GAPS	FOUNDATION DEPTH	SUPPORT LENGTH (ESTIMATED) X	Y	Z				SHEET ALUMINUM	SHEET ALUMINUM INCREMENT	4" TOP DIA.	5" TOP DIA.	ROUND TUBULAR	SQUARE TUBULAR	STRUCTURAL STEEL	"U" POST		SIGN	GUIDE	SIGN	GUIDE		
33.640																																			
		X		D3 (2x)	30 X 10			MBB		6.0	4" Treated Wood Pole		5.0	3.4	3.0	12.4					4.2		14							1				SWAN WAY	SWAN WAY
				R1-1	30 X 30																5.2											STOP	STOP
33.644							BBR																									POLSON BIGFORK SWAN LAKE	
X				G52-33c	114 X 66				RSFO													52.3								1				POLSON, BIGFORK, SWAN LAKE
33.675																			X															BEGIN CENTER LANE	
		X		R3-9J	36 X 54					10.0	5" Treated Wood Pole		5.0	4.5	3.5	14.7					13.5			16						1					BEGIN CENTER LANE
33.679																																		SIGNAL AHEAD (symbol)	
X				W3-3	36 X 36					10.0	4" Treated Wood Pole		5.0	4.2	3.0	13.9					9.0		14							1					SIGNAL AHEAD (symbol)
33.684																				X														END CENTER LANE	
X				R3-9K	36 X 54					10.0	5" Treated Wood Pole		5.0	4.5	3.5	14.7				X	13.5			16						1					END CENTER LANE
33.770																																		END CENTER LANE	
		X		R3-9K	36 X 54					10.0	5" Treated Wood Pole		5.0	4.5	3.5	14.7				X	13.5			16						1					END CENTER LANE
33.774																																		BEGIN CENTER LANE	
X				R3-9J	36 X 54					10.0	5" Treated Wood Pole		5.0	4.5	3.5	14.7				X	13.5			16						1					BEGIN CENTER LANE
33.780																																		SWAN WAY	
		X		D3 (2x)	30 X 10			MBB		6.0	4" Treated Wood Pole		5.0	3.4	3.0	12.4					4.2		14							1					SWAN WAY
				R1-1	30 X 30																5.2											STOP	STOP
33.785																																		JCT	
		X		M2-1	21 X 15					10.0	4" Treated Wood Pole		5.0	3.3	3.0	13.0					2.2		14							1					JCT
				M1-5	24 X 24																4.0											MONTANA 82	MONTANA 82
33.810							BBR																									GLACIER NAT'L PARK KALISPELL	
		X		G52-33d	144 X 48				RSFO													48.0								1				GLACIER NAT'L PARK, KALISPELL
33.819																																		SIDE ROAD-LT	
		X		W2-2L	30 X 30					10.0	4" Treated Wood Pole		5.0	3.5	3.0	13.2					6.3		14							1					SIDE ROAD-LT
33.828																																		SPEED LIMIT 50	
X				R2-1	24 X 30					10.0	4" Treated Wood Pole		5.0	2.5	3.0	12.2					5.0		14							1					SPEED LIMIT 50

SHEET NO.
S4

SIGN LOCATIONS AND SPECIFICATIONS

PROJECT NAME: CRESTON - SOUTH
COUNTY: FLATHEAD
PROJECT ID: STPP 52-2(62)33
UPN: 10234000

DESIGNED BY	REVIEWED BY	CHECKED BY
L MOREY 11/2023	N THOLT 11/2023	R SCHROEDER 11/2023

MONTANA Department of Transportation

SIGNING PLANS

5/21/2024 3:25 PM

10234000SISUM001.DWG

AWARD COPY

SIGN LOCATION				SIGN PANEL SPECIFICATIONS							SIGN ASSEMBLY SPECIFICATIONS											SIGN ASSEMBLY QUANTITIES													ADDITIONAL SIGN INFORMATION	
REF. POST		DIRECTION	RAMP NO.	SIGN NO. (MUTCD)	PANEL SIZE (INCHES)	FY OR FYG	BACK BRACING REQ'D ANGLE IRON REQ'D	MOUNT BACK TO BACK	REPLACE SIGN FACE ONLY	FEET		FEET						CANTILEVER	BREAKAWAY TYPE	BEHIND GUARDRAIL	PANEL (SQ. FT.)		WOOD POLE (LNR. FT.)		STEEL POST (LBS.)				BREAKAWAY	REMV		RESET		SIGN IMAGE	SIGN TEXT & REMARKS
LFT	MDN	RGT			W X H					CLEARANCE/OFFSET (SHOULDER TO EDGE OF SIGN)	TYPE OF SUPPORT	SIGN SUPPORT SPACING	MOUNTING HEIGHT	SIGN HEIGHT + GAPS	FOUNDATION DEPTH	SUPPORT LENGTH (ESTIMATED) X	Y	Z				SHEET ALUMINUM	SHEET ALUMINUM INCREMENT	4" TOP DIA.	5" TOP DIA.	ROUND TUBULAR	SQUARE TUBULAR	STRUCTURAL STEEL	"U" POST		SIGN	GUIDE	SIGN	GUIDE		
33.864																																			
X				M3-3	24 X 12					10.0	4" Treated Wood Pole		5.0	3.1	3.0	12.8						2.0		14							1				SOUTH	SOUTH
				M1-5	24 X 24																	4.0												MONTANA 35	MONTANA 35
33.879							BBR																												
		X		M1-5	24 X 24					10.0	5" Treated Wood Pole		5.0	3.3	3.5	13.5				X		4.0			14					1				MONTANA 82	MONTANA 82
				M6-1L	21 X 15																	2.2												DIRECTIONAL ARROW-LT	DIRECTIONAL ARROW-LT
				M1-5	24 X 24																	4.0												MONTANA 35	MONTANA 35
				M6-3	21 X 15																	2.2												DIRECTIONAL ARROW-UP	DIRECTIONAL ARROW-UP
33.894																																			
		X		W1-7a	72 X 42	FY				15.0	5" Treated Wood Pole	3.7	5.0	3.5	3.5	14.5	14.5			X			21.0		30						1				DIRECT ARRW (LRG) w/BORDER	DIRECT ARRW (LRG) w/BORDER
33.927																																			
		X		M3-1	24 X 12					10.0	4" Treated Wood Pole		5.0	3.1	3.0	12.8						2.0		14						1				NORTH	NORTH
				M1-5	24 X 24																	4.0												MONTANA 35	MONTANA 35
33.932							BBR																												
X				M1-5	24 X 24					10.0	5" Treated Wood Pole		5.0	3.3	3.5	13.5				X		4.0			14					1				MONTANA 35	MONTANA 35
				M6-3	21 X 15																	2.2												DIRECTIONAL ARROW-UP	DIRECTIONAL ARROW-UP
				M1-5	24 X 24																	4.0												MONTANA 82	MONTANA 82
				M6-1R	21 X 15																	2.2												DIRECTIONAL ARROW-RT	DIRECTIONAL ARROW-RT
33.989							BBR																												
X				G52-33e	96 X 72				RSFO													48.0								1				POLSON, BIGFORK, SOMERS	POLSON, BIGFORK, SOMERS
34.000																																			
		X		D10-2 (2x)	10 X 27			MBB		4.0	2.0lb Steel U Post		4.0	2.3	3.0	10.0						3.8						20		1				MILE 34	MILE 34

SHEET NO.
S5

SIGN LOCATIONS AND SPECIFICATIONS

PROJECT NAME: CRESTON - SOUTH
COUNTY: FLATHEAD
PROJECT ID: STPP 52-2(62)33
UPN: 10234000

DESIGNED BY	11/2023	L MOREY	
REVIEWED BY	11/2023	N THOLT	
CHECKED BY	11/2023	R SCHROEDER	

10234000SISUM001.DWG

MONTANA
Department of Transportation

SIGNING PLANS

5/21/2024 3:25 PM

AWARD COPY

SIGN LOCATIONS AND SPECIFICATIONS

SIGN LOCATION				SIGN PANEL SPECIFICATIONS						SIGN ASSEMBLY SPECIFICATIONS										SIGN ASSEMBLY QUANTITIES												ADDITIONAL SIGN INFORMATION	
REF. POST		DIRECTION	RAMP NO.	SIGN NO. (MUTCD)	PANEL SIZE (INCHES)	FY OR FYG	BACK BRACING REQ'D ANGLE IRON REQ'D	MOUNT BACK TO BACK	REPLACE SIGN FACE ONLY	FEET		FEET						CANTILEVER	BREAKAWAY TYPE	BEHIND GUARDRAIL	PANEL (SQ. FT.)		WOOD POLE (LNR. FT.)		STEEL POST (LBS.)				BREAKAWAY	REMV		RESET		SIGN IMAGE	SIGN TEXT & REMARKS
LFT	MDN	RGT			W X H					CLEARANCE/OFFSET (SHOULDER TO EDGE OF SIGN)	TYPE OF SUPPORT	SIGN SUPPORT SPACING	MOUNTING HEIGHT	SIGN HEIGHT + GAPS	FOUNDATION DEPTH	SUPPORT LENGTH (ESTIMATED) X	Y	Z			SHEET ALUMINUM	SHEET ALUMINUM INCREMENT	4" TOP DIA.	5" TOP DIA.	ROUND TUBULAR	SQUARE TUBULAR	STRUCTURAL STEEL	"U" POST		SIGN	GUIDE	SIGN	GUIDE		
34.025																																	
		X		G52-33f	144 X 48		BBR		RSFO													48.0									1			JCT US 2 16 GLACIER NAT'L PARK 46	JCT US 16, GLACIER NAT'L PARK 46
34.042																																	
X				M2-1	21 X 15					10.0	4" Treated Wood Pole		5.0	3.3	3.0	13.0					2.2		14							1				JCT	JCT
				M1-5	24 X 24																4.0												MONTANA 82	MONTANA 82
34.054																																	
X				R99-6	48 X 36					10.0	5" Treated Wood Pole		5.0	3.0	3.5	13.2				X	12.0			14						1				COMPRESSION BRAKE MUFFLERS REQUIRED	COMP BRAKE MUFFLERS REQ
34.068																																	
		X		R2-1	24 X 30					10.0	4" Treated Wood Pole		4.0	4.1	3.0	12.8					5.0		14							1				SPEED LIMIT 70	SPEED LIMIT 70
				R2-3A	24 X 18																3.0												NIGHT 65	NIGHT 65
34.069																																	
X				R2-1	24 X 30					10.0	4" Treated Wood Pole		5.0	2.5	3.0	12.2					5.0		14							1				SPEED LIMIT 50	SPEED LIMIT 50
34.118																																	
		X		R2-2A	24 X 30					10.0	4" Treated Wood Pole		5.0	2.5	3.0	12.2					5.0		14							1				TRUCK SPEED LIMIT 65	TRUCK SPEED LIMIT 65
34.169																																	
X				R2-5A	24 X 30					10.0	4" Treated Wood Pole		5.0	3.5	3.0	13.2					5.0		14							1				REDUCED SPEED AHEAD	REDUCED SPEED AHEAD
34.188																																	
		X		D3 (2x)	42 X 10			MBB		6.0	4" Treated Wood Pole		5.0	3.4	3.0	12.4					5.8		14							1				COVERDELL RD	COVERDELL RD
				R1-1	30 X 30																5.2												STOP	STOP
34.213		NB			48 X																												
		X		W14-3	48 X 36	FY				10.0	4" Treated Wood Pole		5.0	3.0	3.0	12.7					5.5		14							1				NO PASSING ZONE	NO PASSING ZONE
34.238																																	
		X		W11-3	30 X 30					10.0	4" Treated Wood Pole		5.0	3.5	3.0	13.2					6.3		14							1				DEER XING	DEER XING
34.303																																	
		X		D12-1	84 X 48		BBR		RSFO	30.0			5.0	4.0								28.0									1			WEATHER INFO TUNE RADIO TO 600 AM 1180 AM 98.5 FM 103.9 FM	WEATHER INFO

SHEET NO. S6

PROJECT NAME: CRESTON - SOUTH
COUNTY: FLATHEAD
PROJECT ID: STPP 52-2(62)33
UPN: 10234000

DESIGNED BY: L MOREY 11/2023
REVIEWED BY: N THOLT 11/2023
CHECKED BY: R SCHROEDER 11/2023

10234000SISUM001.DWG

MONTANA Department of Transportation

SIGNING PLANS

5/21/2024 3:25 PM

SIGN LOCATION				SIGN PANEL SPECIFICATIONS						SIGN ASSEMBLY SPECIFICATIONS												SIGN ASSEMBLY QUANTITIES												ADDITIONAL SIGN INFORMATION	
REF. POST		DIRECTION	RAMP NO.	SIGN NO. (MUTCD)	PANEL SIZE (INCHES)	FY OR FYG	BACK BRACING REQ'D ANGLE IRON REQ'D	MOUNT BACK TO BACK	REPLACE SIGN FACE ONLY	FEET	TYPE OF SUPPORT	FEET						CANTILEVER	BREAKAWAY TYPE	BEHIND GUARDRAIL	PANEL (SQ. FT.)		WOOD POLE (LNR. FT.)		STEEL POST (LBS.)				BREAKAWAY	REMV		RESET		SIGN IMAGE	SIGN TEXT & REMARKS
LFT	MDN	RGT			W X H					CLEARANCE/OFFSET (SHOULDER TO EDGE OF SIGN)		SIGN SUPPORT SPACING	MOUNTING HEIGHT	SIGN HEIGHT + GAPS	FOUNDATION DEPTH	SUPPORT LENGTH (ESTIMATED) X	Y	Z				SHEET ALUMINUM	SHEET ALUMINUM INCREMENT	4" TOP DIA.	5" TOP DIA.	ROUND TUBULAR	SQUARE TUBULAR	STRUCTURAL STEEL	"U" POST		SIGN	GUIDE	SIGN	GUIDE		
34.354																																			
X				W52-34	108 X 66		BBR			30.0	S4x7.7 Structural Steel	5.3	7.0	5.5	3.5	21.0	21.9			■		49.5				247		2		1			THRU TRUCKS ADVISE US 93 MT 35 - NARROW LIMITED PASSING	THRU TRUCKS ADVISE US 93, MT 35 - NARROW, LIMITED PASSING
34.424																																			
X				D3 (2x)	42 X 10			MBB		6.0	4" Treated Wood Pole		5.0	3.4	3.0	12.4						5.8		14						1				RAMSFIELD RD	RAMSFIELD RD
				R1-1	30 X 30																	5.2												STOP
34.608		SB			48 X																														
X				W14-3	48 X 36	FY				10.0	4" Treated Wood Pole		5.0	3.0	3.0	12.7						5.5		14						1				NO PASSING ZONE	NO PASSING ZONE
34.832																																			
		X		W11-3	30 X 30					10.0	4" Treated Wood Pole		5.0	3.5	3.0	13.2						6.3		14						1					DEER XING
34.858																																			
X				D3 (2x)	30 X 10			MBB		6.0	4" Treated Wood Pole		5.0	3.4	3.0	12.4						4.2		14						1				VISTA DR	VISTA DR
				R1-1	30 X 30																	5.2												STOP	
34.942																																			
		X		BY OTHERS																														USE AS IS	WELCOME TO THE CRESTON FIRE DISTRICT
35.000																																			
		X		D10-2 (2x)	10 X 27			MBB		4.0	2.0lb Steel U Post		4.0	2.3	3.0	10.0						3.8						20		1				MILE 35	MILE 35
35.000																																			
X				N7-1	36 X 48					20.0	5" Treated Wood Pole		5.0	3.0	3.5	14.8				X		12.0			16					1				ADOPT A HIGHWAY	ADOPT A HIGHWAY
35.000																																			
X				N7-1	36 X 48					20.0	5" Treated Wood Pole		5.0	4.1	3.5	15.9				X		12.0			16					1				ADOPT A HIGHWAY	ADOPT A HIGHWAY
				N7-1P	36 X 12																	3.0												ST JOHN PAUL II K OF C	ST JOHN PAUL II K OF C

SHEET NO.
S7

SIGN LOCATIONS AND SPECIFICATIONS

MONTANA
Department of Transportation

SIGNING PLANS

PROJECT NAME	CRESTON - SOUTH
COUNTY	FLATHEAD
PROJECT ID	STPP 52-2(62)33
UPN	10234000

DESIGNED BY	L MOREY	11/2023
REVIEWED BY	N THOLT	11/2023
CHECKED BY	R SCHROEDER	11/2023

10234000SISUM001.DWG

5/21/2024 3:25 PM

AWARD COPY

SIGN LOCATION				SIGN PANEL SPECIFICATIONS							SIGN ASSEMBLY SPECIFICATIONS											SIGN ASSEMBLY QUANTITIES												ADDITIONAL SIGN INFORMATION	
REF. POST		DIRECTION	RAMP NO.	SIGN NO. (MUTCD)	PANEL SIZE (INCHES)			FY OR FYG	BACK BRACING REQ'D ANGLE IRON REQ'D	MOUNT BACK TO BACK	REPLACE SIGN FACE ONLY	FEET		FEET						CANTILEVER	BREAKAWAY TYPE	BEHIND GUARDRAIL	PANEL (SQ. FT.)		WOOD POLE (LNR. FT.)		STEEL POST (LBS.)				BREAKAWAY	REMV		RESET		SIGN IMAGE	SIGN TEXT & REMARKS
LFT	MDN	RGT			W	X	H					CLEARANCE/OFFSET (SHOULDER TO EDGE OF SIGN)	TYPE OF SUPPORT	SIGN SUPPORT SPACING	MOUNTING HEIGHT	SIGN HEIGHT + GAPS	FOUNDATION DEPTH	SUPPORT LENGTH (ESTIMATED) X	Y	Z				SHEET ALUMINUM	SHEET ALUMINUM INCREMENT	4" TOP DIA.	5" TOP DIA.	ROUND TUBULAR	SQUARE TUBULAR	STRUCTURAL STEEL	"U" POST		SIGN	GUIDE	SIGN	GUIDE		
35.030																																			PARKER RIDGE RD	PARKER RIDGE RD
		X		D3 (2x)	30	X	18			MBB		6.0	4" Treated Wood Pole		5.0	4.1	3.0	13.1						7.5		14					1					
				R1-1	30	X	30																	5.2											STOP	STOP
35.314		NB			48	X																													NO PASSING ZONE	NO PASSING ZONE
		X		W14-3	48	X	36	FY				10.0	4" Treated Wood Pole		5.0	3.0	3.0	12.7						5.5		14					1					
35.508																																			PARKER LAKES RD	PARKER LAKES RD
		X		D3 (2x)	30	X	18			MBB		6.0	4" Treated Wood Pole		5.0	4.1	3.0	13.1						7.5		14					1					
				R1-1	30	X	30																	5.2											STOP	STOP
35.623																																			DEER XING	DEER XING
X				W11-3	30	X	30					10.0	4" Treated Wood Pole		5.0	3.5	3.0	13.2						6.3		14					1					
35.688																																			RIVERSIDE RD	RIVERSIDE RD
X				D3 (2x)	42	X	10			MBB		6.0	4" Treated Wood Pole		5.0	3.4	3.0	12.4						5.8		14					1					
				R1-1	30	X	30																	5.2											STOP	STOP
35.947																																			Mc CAFFERY RD	McCAFFERY RD
		X		D3 (2x)	42	X	10			MBB		6.0	4" Treated Wood Pole		5.0	3.4	3.0	12.4						5.8		14					1					
				R1-1	30	X	30																	5.2											STOP	STOP
36.000																																			MILE 36	MILE 36
		X		D10-2 (2x)	10	X	27			MBB		4.0	2.0lb Steel U Post		4.0	2.3	3.0	10.0						3.8						20	1					
36.075																																			DEER XING	DEER XING
X				W11-3	30	X	30					10.0	4" Treated Wood Pole		5.0	3.5	3.0	13.2						6.3		14					1					

SHEET NO.
S8

SIGN LOCATIONS AND SPECIFICATIONS

PROJECT NAME: CRESTON - SOUTH
COUNTY: FLATHEAD
PROJECT ID: STPP 52-2(62)33
UPN: 10234000

DESIGNED BY: L MOREY 11/2023
REVIEWED BY: N THOLT 11/2023
CHECKED BY: R SCHROEDER 11/2023
10234000SISUM001.DWG

MONTANA Department of Transportation

SIGNING PLANS

5/21/2024 3:25 PM

SIGN LOCATION				SIGN PANEL SPECIFICATIONS							SIGN ASSEMBLY SPECIFICATIONS												SIGN ASSEMBLY QUANTITIES												ADDITIONAL SIGN INFORMATION	
REF. POST		DIRECTION	RAMP NO.	SIGN NO. (MUTCD)	PANEL SIZE (INCHES)			FY OR FYG	BACK BRACING REQ'D ANGLE IRON REQ'D	MOUNT BACK TO BACK	REPLACE SIGN FACE ONLY	FEET	TYPE OF SUPPORT	FEET							CANTILEVER	BREAKAWAY TYPE	BEHIND GUARDRAIL	PANEL (SQ. FT.)		WOOD POLE (LNR. FT.)		STEEL POST (LBS.)				BREAKAWAY	REMV		RESET		SIGN IMAGE	SIGN TEXT & REMARKS
LFT	MDN	RGT			W	X	H					CLEARANCE/OFFSET (SHOULDER TO EDGE OF SIGN)		SIGN SUPPORT SPACING	MOUNTING HEIGHT	SIGN HEIGHT + GAPS	FOUNDATION DEPTH	SUPPORT LENGTH (ESTIMATED) X	Y	Z				SHEET ALUMINUM	SHEET ALUMINUM INCREMENT	4" TOP DIA.	5" TOP DIA.	ROUND TUBULAR	SQUARE TUBULAR	STRUCTURAL STEEL	"U" POST		SIGN	GUIDE	SIGN	GUIDE		
36.366																																			
		X		D3 (2x)	42	X	10			MBB		6.0	4" Treated Wood Pole		5.0	3.4	3.0	12.4						5.8		14						1				OLD HWY 35
				R1-1	30	X	30																	5.2											STOP
36.717																																			
		X		S3-1	30	X	30	FYG				10.0	4" Treated Wood Pole		5.0	3.5	3.0	13.2						6.3		14						1				SCHOOL BUS STOP
36.808																																			
		X		D3 (2x)	42	X	10			MBB		6.0	4" Treated Wood Pole		5.0	3.4	3.0	12.4						5.8		14						1				OLD HWY 35
				R1-1	30	X	30																	5.2											STOP
36.879																																			
X				D3 (2x)	42	X	10			MBB		6.0	4" Treated Wood Pole		5.0	3.4	3.0	12.4						5.8		14						1				OLD HWY 35
				R1-1	30	X	30																	5.2											STOP
37.000																																			
		X		D10-2 (2x)	10	X	27			MBB		4.0	2.0lb Steel U Post		4.0	2.3	3.0	10.0						3.8						20		1				MILE 37
37.000																																			
		X		N7-1	36	X	48					20.0	5" Treated Wood Pole		5.0	5.1	3.5	16.9					X	12.0			18					1				ADOPT A HIGHWAY
				N7-1P	36	X	12																	3.0											THE CHURCH AT CRESTON
37.000																																			
X				N7-1	36	X	48					20.0	5" Treated Wood Pole		5.0	4.0	3.5	15.8					X	12.0			16					1				ADOPT A HIGHWAY
																					BGR													
37.366																																			
		X		D3 (2x)	42	X	10			MBB		6.0	4" Treated Wood Pole		5.0	3.4	3.0	12.4						5.8		14						1				BASIN VIEW RD
				R1-1	30	X	30																	5.2											STOP

SHEET NO.
S9

SIGN LOCATIONS AND SPECIFICATIONS

PROJECT NAME: CRESTON - SOUTH
COUNTY: FLATHEAD
PROJECT ID: STPP 52-2(62)33
UPN: 10234000

DESIGNED BY		CHECKED BY	
L MOREY	11/2023	R SCHROEDER	11/2023
REVIEWED BY			
N THOLT	11/2023		

10234000SISUM001.DWG

MONTANA Department of Transportation

SIGNING PLANS

5/21/2024 3:25 PM

SIGN LOCATION				SIGN PANEL SPECIFICATIONS							SIGN ASSEMBLY SPECIFICATIONS										SIGN ASSEMBLY QUANTITIES												ADDITIONAL SIGN INFORMATION	
REF. POST		DIRECTION	RAMP NO.	SIGN NO. (MUTCD)	PANEL SIZE (INCHES)			FY OR FYG	BACK BRACING REQ'D ANGLE IRON REQ'D	MOUNT BACK TO BACK	REPLACE SIGN FACE ONLY	FEET		FEET						CANTILEVER	BREAKAWAY TYPE	BEHIND GUARDRAIL	PANEL (SQ. FT.)		WOOD POLE (LNR. FT.)		STEEL POST (LBS.)				BREAKAWAY	REMV		RESET		SIGN IMAGE	SIGN TEXT & REMARKS
LFT	MDN	RGT			W	X	H					CLEARANCE/OFFSET (SHOULDER TO EDGE OF SIGN)	TYPE OF SUPPORT	SIGN SUPPORT SPACING	MOUNTING HEIGHT	SIGN HEIGHT + GAPS	FOUNDATION DEPTH	SUPPORT LENGTH (ESTIMATED) X	Y	Z				SHEET ALUMINUM	SHEET ALUMINUM INCREMENT	4" TOP DIA.	5" TOP DIA.	ROUND TUBULAR	SQUARE TUBULAR	STRUCTURAL STEEL	"U" POST		SIGN	GUIDE	SIGN	GUIDE		
37.391		NB			48 X																														
		X		W14-3	48	X	36	FY				10.0	4" Treated Wood Pole		5.0	3.0	3.0	12.7						5.5		14						1				NO PASSING ZONE
37.530		SB			48 X																														
X				W14-3	48	X	36	FY				10.0	4" Treated Wood Pole		5.0	3.0	3.0	12.7						5.5		14						1				NO PASSING ZONE
37.634																																		DYER RD	DYER RD
X				D3 (2x)	30	X	10			MBB		6.0	4" Treated Wood Pole		5.0	3.4	3.0	12.4						4.2		14						1				
				R1-1	30	X	30																		5.2											STOP	STOP
37.639																																		LA BRANT RD	LaBRANT RD
		X		D3 (2x)	36	X	10			MBB		10.0	4" Treated Wood Pole		5.0	3.4	3.0	13.1						5.0		14						1				
				R1-1	30	X	30																		5.2											STOP	STOP
37.734		NB			48 X																														
		X		W14-3	48	X	36	FY				10.0	4" Treated Wood Pole		5.0	3.0	3.0	12.7						5.5		14						1				NO PASSING ZONE
37.963		SB			48 X																														
X				W14-3	48	X	36	FY				10.0	4" Treated Wood Pole		5.0	3.0	3.0	12.7						5.5		14						1				NO PASSING ZONE
38.000																																		MILE 38	MILE 38
		X		D10-2 (2x)	10	X	27			MBB		4.0	2.0lb Steel U Post		4.0	2.3	3.0	10.0						3.8						20		1				
38.280																																		INDIAN RIDGE RD	INDIAN RIDGE RD
		X		D3 (2x)	30	X	18			MBB		6.0	4" Treated Wood Pole		5.0	4.1	3.0	13.1						7.5		14						1				
				R1-1	30	X	30																		5.2											STOP	STOP
38.425																																		TURTLE MOUNTAIN RD	TURTLE MOUNTAIN RD
		X		D3 (2x)	42	X	18			MBB		6.0	4" Treated Wood Pole		5.0	4.1	3.0	13.1						10.5		14						1				
				R1-1	30	X	30																		5.2											STOP	STOP

SHEET NO.
S10

SIGN LOCATIONS AND SPECIFICATIONS

PROJECT NAME CRESTON - SOUTH
COUNTY FLATHEAD
PROJECT ID STPP 52-2(62)33
UPN 10234000

DESIGNED BY	11/2023
L MOREY	
REVIEWED BY	11/2023
N THOLT	
CHECKED BY	11/2023
R SCHROEDER	

1023400SISUM001.DWG

MONTANA Department of Transportation

SIGNING PLANS

5/21/2024 3:25 PM

AWARD COPY

SIGN LOCATION				SIGN PANEL SPECIFICATIONS							SIGN ASSEMBLY SPECIFICATIONS											SIGN ASSEMBLY QUANTITIES													ADDITIONAL SIGN INFORMATION	
REF. POST		DIRECTION	RAMP NO.	SIGN NO. (MUTCD)	PANEL SIZE (INCHES)	FY OR FYG	BACK BRACING REQ'D ANGLE IRON REQ'D	MOUNT BACK TO BACK	REPLACE SIGN FACE ONLY	FEET		FEET						CANTILEVER	BREAKAWAY TYPE	BEHIND GUARDRAIL	PANEL (SQ. FT.)		WOOD POLE (LNR. FT.)		STEEL POST (LBS.)				BREAKAWAY	REMV		RESET		SIGN IMAGE	SIGN TEXT & REMARKS
LFT	MDN	RGT			W X H					CLEARANCE/OFFSET (SHOULDER TO EDGE OF SIGN)	TYPE OF SUPPORT	SIGN SUPPORT SPACING	MOUNTING HEIGHT	SIGN HEIGHT + GAPS	FOUNDATION DEPTH	SUPPORT LENGTH (ESTIMATED) X	Y	Z				SHEET ALUMINUM	SHEET ALUMINUM INCREMENT	4" TOP DIA.	5" TOP DIA.	ROUND TUBULAR	SQUARE TUBULAR	STRUCTURAL STEEL	"U" POST		SIGN	GUIDE	SIGN	GUIDE		
38.679																																			
		X		D3 (2x)	30 X 18			MBB		6.0	4" Treated Wood Pole		5.0	4.1	3.0	13.1						7.5		14						1					LUPINE RIDGE RD
				R1-1	30 X 30																	5.2												STOP
38.799																																			
		X		W11-13						10.0																										WILDLIFE XING, **USE AS IS**
				W7-3A																															NEXT 1 MILE, **USE AS IS**
38.894																																			
		X		D3 (2x)	42 X 10			MBB		6.0	4" Treated Wood Pole		5.0	4.1	3.0	13.1						5.8		14						1					FIELDSTONE DR
				R1-1	30 X 30																	5.2												STOP
38.969																																			
		X		D3 (2x)	36 X 10			MBB		6.0	4" Treated Wood Pole		5.0	3.4	3.0	12.4						5.0		14						1					LINDSEY LN
				R1-1	30 X 30																	5.2												STOP
39.000																																			
		X		D10-2 (2x)	10 X 27			MBB		4.0	2.0lb Steel U Post		4.0	2.3	3.0	10.0						3.8						20		1					MILE 39
39.000																																			
		X		N7-1	36 X 48					20.0	5" Treated Wood Pole		5.0	5.1	3.5	16.9				X		12.0			18					1					ADOPT A HIGHWAY
				N7-1P	36 X 12																	3.0												MANY LAKES HOA
39.000																																			
X				N7-1	36 X 48					20.0	5" Treated Wood Pole		5.0	5.1	3.5	16.9				X		12.0			18					1					ADOPT A HIGHWAY
				N7-1P	36 X 12																	3.0												THE CHURCH AT CRESTON

SHEET NO.
S11

SIGN LOCATIONS AND SPECIFICATIONS

PROJECT NAME: CRESTON - SOUTH
COUNTY: FLATHEAD
PROJECT ID: STPP 52-2(62)33
UPN: 10234000

DESIGNED BY	11/2023	REVIEWED BY	11/2023	CHECKED BY	11/2023
L MOREY		N THOLT		R SCHROEDER	

MONTANA Department of Transportation

SIGNING PLANS

5/21/2024 3:25 PM

10234000SISUM001.DWG

AWARD COPY

SIGN LOCATION				SIGN PANEL SPECIFICATIONS						SIGN ASSEMBLY SPECIFICATIONS										SIGN ASSEMBLY QUANTITIES												ADDITIONAL SIGN INFORMATION	
REF. POST		DIRECTION	RAMP NO.	SIGN NO. (MUTCD)	PANEL SIZE (INCHES)	FY OR FYG	BACK BRACING REQ'D ANGLE IRON REQ'D	MOUNT BACK TO BACK	REPLACE SIGN FACE ONLY	FEET	TYPE OF SUPPORT	FEET							CANTILEVER	BREAKAWAY TYPE	BEHIND GUARDRAIL	PANEL (SQ. FT.)		WOOD POLE (LNR. FT.)		STEEL POST (LBS.)				BREAKAWAY	REMV		RESET		SIGN IMAGE	SIGN TEXT & REMARKS
LFT	MDN	RGT			W X H					CLEARANCE/OFFSET (SHOULDER TO EDGE OF SIGN)		SIGN SUPPORT SPACING	MOUNTING HEIGHT	SIGN HEIGHT + GAPS	FOUNDATION DEPTH	SUPPORT LENGTH (ESTIMATED) X	Y	Z				SHEET ALUMINUM	SHEET ALUMINUM INCREMENT	4" TOP DIA.	5" TOP DIA.	ROUND TUBULAR	SQUARE TUBULAR	STRUCTURAL STEEL	"U" POST		SIGN	GUIDE	SIGN	GUIDE		
39.086		NB			48 X																														
		X		W14-3	48 X 36	FY				10.0	4" Treated Wood Pole		5.0	3.0	3.0	12.7						5.5		14						1				NO PASSING ZONE	NO PASSING ZONE
39.250		SB			48 X																														
X				W14-3	48 X 36	FY				10.0	4" Treated Wood Pole		5.0	3.0	3.0	12.7						5.5		14						1				NO PASSING ZONE	NO PASSING ZONE
39.789																																			
		X		W2-7R	30 X 30					10.0	5" Treated Wood Pole		5.0	4.8	3.5	15.0				X		6.3			16					1				STAGGERED INTERSECTION AHEAD (SYMBOL)	
				W16-8a	42 X 15																	4.4											MANY LAKES DR, BROEDER LOOP
39.924																																			
		X		D3 (2x)	30 X 18			MBB		6.0	4" Treated Wood Pole		5.0	4.1	3.0	13.1						7.5		14						1				MANY LAKES DR	MANY LAKES DR
				R1-1	30 X 30																	5.2											STOP	STOP
40.000																																			
		X		D10-2 (2x)	10 X 27			MBB		4.0	2.0lb Steel U Post		4.0	2.3	3.0	10.0						3.8							20		1				MILE 40	MILE 40
40.127																																			
X				D3 (2x)	42 X 10			MBB		6.0	4" Treated Wood Pole		5.0	3.4	3.0	12.4						5.8		14						1				BROEDER LOOP	BROEDER LOOP
				R1-1	30 X 30																	5.2											STOP	STOP
40.196																																			
X				W11-13						10.0																									WILDLIFE XING, **USE AS IS**	
				W7-3A																														NEXT 1 MILE, **USE AS IS**	
40.241																																			
X				W2-7R	30 X 30					10.0	5" Treated Wood Pole		5.0	4.8	3.5	15.0				X		6.3			16					1				STAGGERED INTERSECTION AHEAD (SYMBOL)	
				W16-8b	42 X 15																	4.4											BROEDER LOOP, MANY LAKES DR	
										PROJECT TOTALS												728.4	414.6	742	328			247	140	2	82	10				

SHEET NO.
S12

SIGN LOCATIONS AND SPECIFICATIONS

PROJECT NAME CRESTON - SOUTH
COUNTY FLATHEAD
PROJECT ID STPP 52-2(62)33
UPN 10234000

DESIGNED BY	REVIEWED BY	CHECKED BY
L MOREY 11/2023	N THOLT 11/2023	R SCHROEDER 11/2023

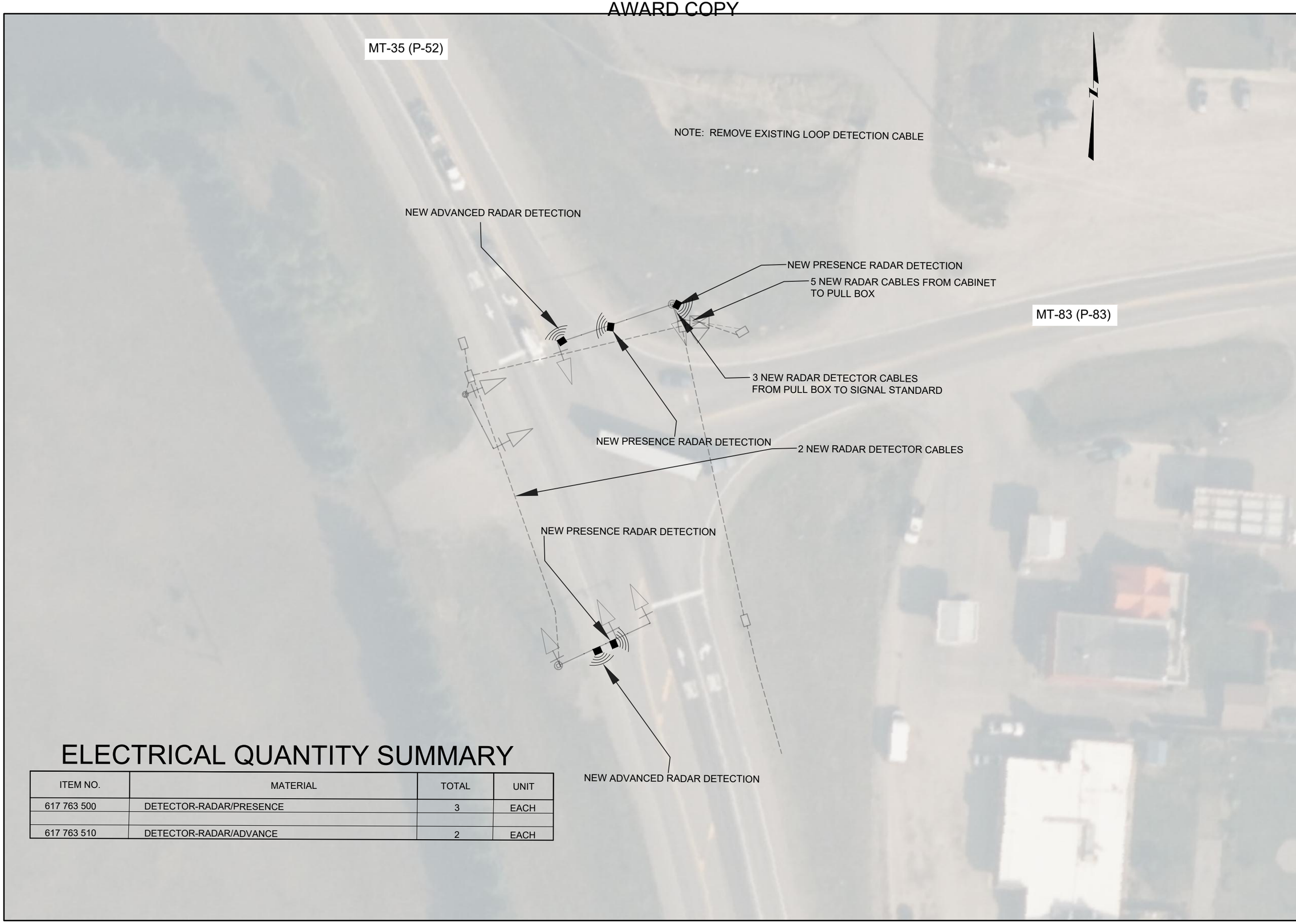
MONTANA Department of Transportation

SIGNING PLANS

5/21/2024 3:25 PM

10234000SIUM001.DWG

AWARD COPY



ELECTRICAL QUANTITY SUMMARY

ITEM NO.	MATERIAL	TOTAL	UNIT
617 763 500	DETECTOR-RADAR/PRESENCE	3	EACH
617 763 510	DETECTOR-RADAR/ADVANCE	2	EACH

SHEET NO.
E01

PROJECT NAME: CRESTON - SOUTH
COUNTY: FLATHEAD COUNTY
PROJECT ID: STPP 52-2(62)33
UPN: 10234000

DESIGNED BY: BRANDON ANDERSON 03/07/2024
REVIEWED BY:
CHECKED BY: ##### #####

MONTANA
Department of Transportation

ELECTRICAL PLANS

5/28/2024 2:53 PM
10234000ELDET001.DWG