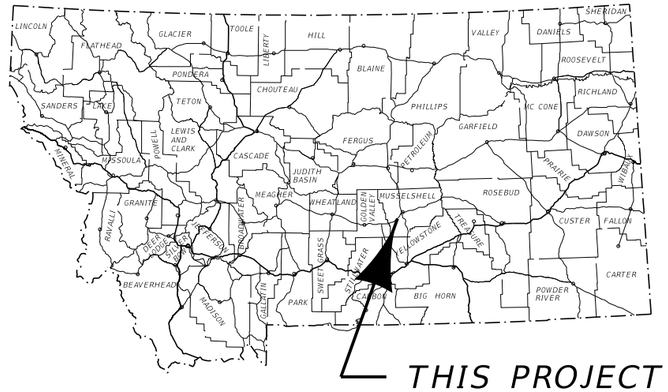
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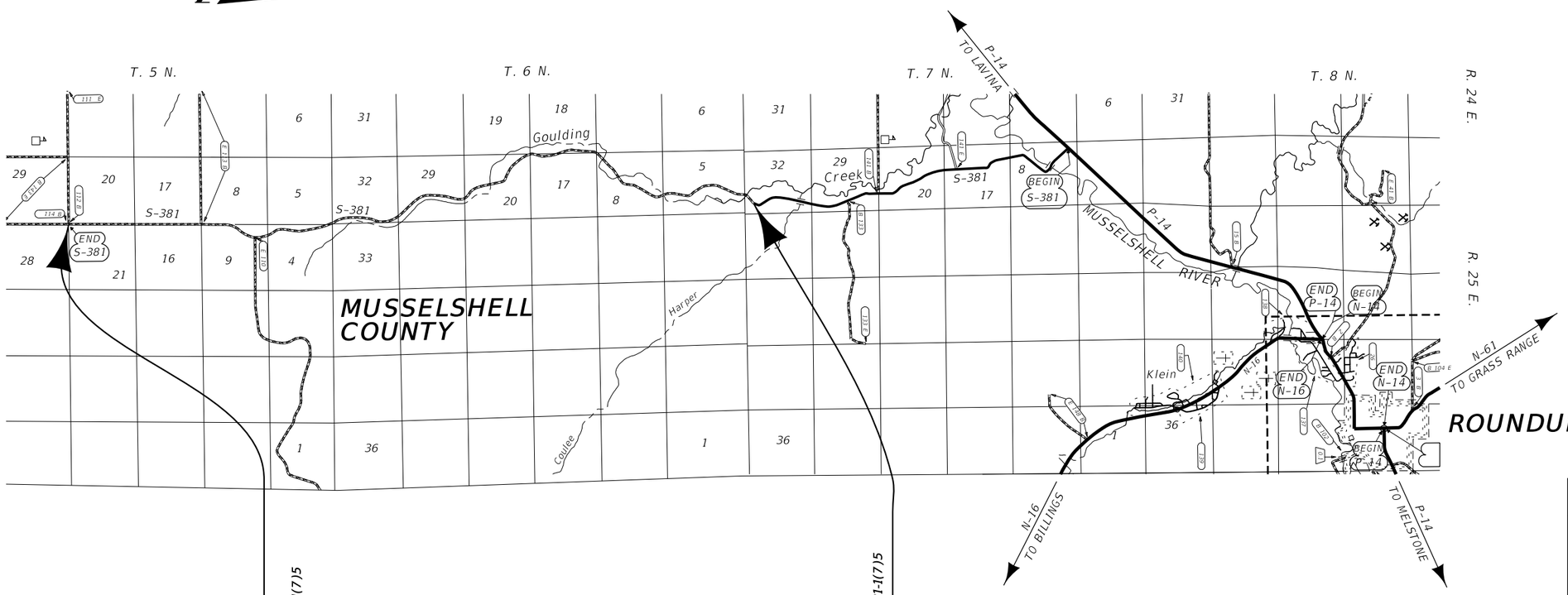
MONTANA DEPARTMENT OF TRANSPORTATION

FEDERAL AID PROJECT STPS 381-1(7)5
CRUSHED TOP SURFACING
SOUTH OF US 12-SOUTH (S-381)
MUSSELSHELL COUNTY

PROJECT DESIGN DATA		
PRESENT 2019	A.D.T. =	90
LETTING 2021	A.D.T. =	100
DESIGN 2041	A.D.T. =	140
	D.H.V. =	20
	TRUCKS =	6.7%
	V. =	50 MPH
	18 KIP ESAL'S =	5
	GROWTH RATE =	1.9%

LENGTH 11.540 MILES

SURFACING SOURCES -
CONTRACTOR FURNISHED



RP 16.370
END STPS 381-1(7)5

RP 4.830
BEGIN STPS 381-1(7)5

RP 4.830 TO RP 16.370

THIS CONTRACT

ASSOCIATED PROJECT AGREEMENT NUMBERS	
R / W	
I.C.	
P. E.	STPS 381-1(6)5

MONTANA
DEPARTMENT OF TRANSPORTATION

MALCOLM "MACK" LONG
DIRECTOR OF TRANSPORTATION

APPROVED BY:

HIGHWAYS
ENGINEER

MONTANA
DAMIAN KRINGS
12113PE
LICENSED
PROFESSIONAL ENGINEER

DocuSigned by:
Damian Krings
1C71361CE866454...

3/2/2022
DATE

3	MDT MONTANA DEPARTMENT OF TRANSPORTATION	C:\DGN\9801000rdtl001.dgn	DESIGNED BY K. SHUCK	9/7/2021	ROAD PLANS
2		12/28/2021	REVIEWED BY S. BAKER	9/7/2021	
		10:50:36 AM CPS - U216C	CHECKED BY J. FLEMING	11/1/2021	UPN 9801000

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NOTES

BASIS OF PLAN QUANTITIES

(QUANTITIES FOR ESTIMATING PURPOSES ONLY)
COMP. AGGREGATE WEIGHT = 3750 LBS. PER CUBIC YARD

UTILITIES

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

AS-BUILTS

S-48(2) (RECONSTRUCTION - 1954)
S-48(5) (RECONSTRUCTION - 1966)

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.

APPROACHES - (FOR INFORMATION ONLY)

Reference Post	TYPE	linear feet				EXISTING SURFACE	PROPOSED SURFACE ##	ft	tons	REMARKS
		WIDTH *	RADIUS *		LENGTH FROM EDGE OF GRAVEL			CRUSHED TOP SURF. THICKNESS	CRUSHED TOP SURFACING	
			LEFT	RIGHT						
4.831	FARM FIELD	15	25	20	47	GRAVEL	GRAVEL TO R/W	0.5	23	LT.
5.184	PRIVATE	20	15	15	46	GRAVEL	GRAVEL TO R/W	0.5	35	LT.
5.187	PRIVATE	15	20	25	47	PLANT MIX	LEAVE AS-IS			RT.
5.630	FARM FIELD	12	15	15	46	GRAVEL	GRAVEL TO R/W	0.5	23	RT.
6.374	FARM FIELD	12	20	20	36	GRAVEL	GRAVEL TO R/W	0.5	21	RT.
6.537	FARM FIELD	16	15	25	50	GRAVEL	GRAVEL TO R/W	0.5	35	LT.
6.958	PRIVATE	18	10	25	18	GRAVEL	GRAVEL TO R/W	0.5	14	RT.
7.092	PRIVATE	15	25	25	16	GRAVEL	GRAVEL TO R/W	0.5	15	RT.
7.101	PRIVATE	12	40	15	49	GRAVEL	GRAVEL TO R/W	0.5	30	LT.
7.177	PRIVATE	13	25	10	18	GRAVEL	GRAVEL TO R/W	0.5	11	RT.
7.181	PUBLIC	12	50	25	36	GRAVEL	GRAVEL TO R/W	0.5	34	LT. - ROAD COULEE RD.
7.220	FARM FIELD	16	25	20	37	GRAVEL	GRAVEL TO R/W	0.5	28	LT.
7.414	PRIVATE	12	30	40	47	GRAVEL	GRAVEL TO R/W	0.5	37	RT. - O DELL RD.
8.913	PRIVATE	12	25	25	36	GRAVEL	GRAVEL TO R/W	0.5	25	RT.
9.058	PRIVATE	12	50	10	94	GRAVEL	GRAVEL TO R/W	0.5	48	LT.
9.262	PRIVATE	12	15	25	52	GRAVEL	GRAVEL TO R/W	0.5	28	LT.
9.572	PRIVATE	12	75	40	67	GRAVEL	GRAVEL TO R/W	0.5	72	RT.
9.961	PRIVATE	12	25	25	56	GRAVEL	GRAVEL TO R/W	0.5	33	LT.
10.099	PRIVATE	12	25	25	76	GRAVEL	GRAVEL TO R/W	0.5	41	RT.
10.379	PRIVATE	12	20	50	76	GRAVEL	GRAVEL TO R/W	0.5	46	RT.
10.456	PRIVATE	16	35	35	56	GRAVEL	GRAVEL TO R/W	0.5	49	LT.
10.676	FARM FIELD	12	20	20	58	GRAVEL	GRAVEL TO R/W	0.5	30	RT.
11.133	PRIVATE	12	25	5	92	GRAVEL	GRAVEL TO R/W	0.5	40	LT.
11.143	PRIVATE	12	20	20	46	GRAVEL	GRAVEL TO R/W	0.5	25	RT.
11.150	PRIVATE	12	15	25	58	GRAVEL	GRAVEL TO R/W	0.5	29	LT.
11.708	PRIVATE	12	25	25	70	GRAVEL	GRAVEL TO R/W	0.5	38	RT.
12.420	PUBLIC	16	25	25	67	GRAVEL	GRAVEL TO R/W	0.5	46	LT. - EAGLE ROCK RD.
12.504	PRIVATE	12	25	25	46	GRAVEL	GRAVEL TO R/W	0.5	29	RT.
12.684	FARM FIELD	16	25	25	51	GRAVEL	GRAVEL TO R/W	0.5	38	RT.
13.033	PRIVATE	16	30	30	56	GRAVEL	GRAVEL TO R/W	0.5	45	LT.
13.683	PUBLIC	24	20	75	66	GRAVEL	GRAVEL TO R/W	0.5	75	LT. - MAJERUS RD.
13.927	FARM FIELD	12	25	5	13	GRAVEL	GRAVEL TO R/W	0.5	7	RT.
14.379	PUBLIC	20	40	40	46	GRAVEL	GRAVEL TO R/W	0.5	56	RT. - DEAN CR. RD.
14.550	PRIVATE	12	20	20	46	GRAVEL	GRAVEL TO R/W	0.5	25	LT.
15.663	FARM FIELD	12	20	20	46	GRAVEL	GRAVEL TO R/W	0.5	25	LT.

* WIDTH OR RADII ARE DIMENSIONED TO TOP BACK OF CURB, WHERE APPLICABLE. FIELD FIT TO EXISTING WIDTHS AND RADII.
LENGTHS OF SURFACING ARE FROM EDGE OF GRAVEL FOR MAINLINE TYPICAL SECTION. (NOTE: LENGTHS ARE ALONG APPROACH CENTERLINE)

LINEAR DATA

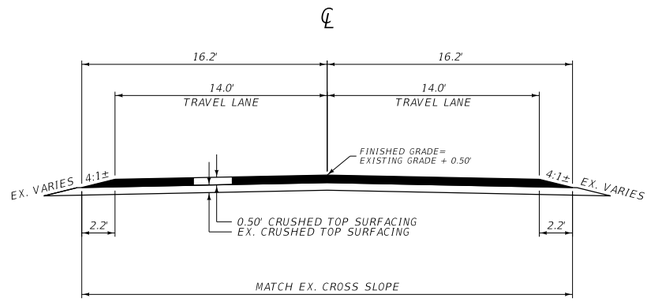
LENGTH OF ROADWAY		2 LANE RURAL	60,931.20 ft
TOTAL LENGTH OF	STPS 381-1(7)5	2 LANE RURAL	60,931.20 ft

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TYPICAL SECTION NO. 1

MAINLINE

RP 4.830 TO RP 16.370 TYPICAL NO. 1



QUANTITIES		
UNIT	AGGREGATE	
		CR. TOP SURFACING
AREA square feet		15.10
cubic yards PER STATION		55.9
tons PER STATION		104.8
square yards PER STATION		

3	MDT MONTANA DEPARTMENT OF TRANSPORTATION	C:\DGN\9801000rdtyp001.dgn	DESIGNED BY	K. SHUCK	9/7/2021	ROAD PLANS	SOUTH OF US 12-SOUTH (S-381) / STPS 381-1(7)5
2		12/28/2021	REVIEWED BY	S. BAKER	9/7/2021		
		10:50:54 AM CPS - U216G	CHECKED BY	J. FLEMING	11/1/2021	MUSSELSHELL COUNTY	UPN 9801000 / 3

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SUMMARY

SURFACING

REFERENCE POST		linear feet				FOR	AGGREGATE tons	REMARKS
		GROSS	NET	+	-		CRUSHED TOP SURFACING GR 3B	
FROM	TO							
4.830	16.370	60,931.20	60,931.20				63,856	TYP. NO. 1
						ADDITIONAL SURFACING	1,180	
TOTAL		60,931.20	60,931.20	~	~		65,036	

ADDITIONAL SURFACING - (INCLUDED IN SURFACING FRAME)

REFERENCE POST		linear feet				FOR	AGGREGATE tons	REMARKS
		GROSS	NET	+	-		CRUSHED TOP SURFACING GR 3B	
FROM	TO							
4.830	16.370							
						FARM FIELD (9)	230	GRAVEL TO R/W - 0.50' CTS
						PRIVATE (21)	715	GRAVEL TO R/W - 0.50' CTS
						PUBLIC (4)	211	GRAVEL TO R/W - 0.50' CTS
9.167	9.190					MAILBOX TURNOUT	24	RT. - 0.50' CTS
SUBTOTAL		~	~	~	~		1,180	

EQUIPMENT

REFERENCE POST		hours MOTOR GRADER	hours MISC. EQUIPMENT #	REMARKS
FROM	TO			
4.830	16.370	70		APPROACH SHAPING LT. AND RT.
			40	SURFACE PREP. WORK PRIOR TO CTS LAYDOWN
SUBTOTAL		70	40	

ALL EQUIPMENT REQUIRED FOR PREP. WORK INCLUDED IN COST

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SUMMARY
SIGNING & DELINEATION QUANTITIES

MATERIAL	TOTAL	UNIT
SIGNS-ALUM REFL SHEET IV	127.0	SQ. FOOT
SIGNS-ALUM REFL SHEET XI	97.0	SQ. FOOT
SIGNS-ALUM SHEET INCR IV		SQ. FOOT
SIGNS-ALUM SHEET INCR XI		SQ. FOOT
OVERLAY-SHEET ALUMINUM		SQ. FOOT
POSTS-STEEL U SIGN	254	POUNDS
POLES-TREATED WOOD 4 IN	168	LINEAR FT.
POLES-TREATED WOOD 5 IN	96	LINEAR FT.
POLES-TREATED TIMBER-CLASS 4		LINEAR FT.
POLES-TREATED TIMBER-CLASS 3		LINEAR FT.
POSTS-TUBULAR STEEL		POUNDS
POSTS-TUBULAR STEEL-SQ-PERF		POUNDS
POSTS-STEEL STRUCTURAL SIGN		POUNDS
OVERHEAD STR/METAL-CANTILEVER		EACH
OVERHEAD STR/METAL-BRIDGE		EACH
HIGHWAY TRAFFIC STRIPING-WHITE		GAL.(S)
HIGHWAY TRAFFIC STRIPING-YELLOW		GAL.(S)
WORDS & SYMBOLS		GAL.(S)
DELINEATOR DES A		EACH
DELINEATOR DES B		EACH
DELINEATOR DES C		EACH
DELINEATOR DES D		EACH
DELINEATOR DES E		EACH
DELINEATOR DES F		EACH
DELINEATOR DES G		EACH
DELINEATOR DES H		EACH
REMOVE SIGNS	15	EACH
REMOVE SIGNS-GUIDE		EACH
RESET SIGNS		EACH
RESET SIGNS-GUIDE		EACH
FRANG SIGN POST BKWY-		EACH
FRANG SIGN POST BKWY-		EACH
SQ TUBLR SLIP BASE BKWY-3 IN		EACH

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SIGN LOCATION AND SPECIFICATIONS

E/EASTING N/NORTHING		SIGN NO.	PANEL SIZE	REFL SHTG TYPE: BACK-GROUND	REFL SHTG TYPE: LEGEND	FEET: CLEARANCE	FEET: SIGN SUPPORT SPACING	TYPE OF SUPPORT	CANTILEVER	FEET: SUPPORT LENGTH (ESTIMATED)	FEET: SUPPORT LENGTH (INSTALLED)	FEET: MOUNTING HEIGHT	FEET: FOUNDATION DEPTH	SIGN PANEL (SQ. FT.): SHEET ALUMINUM	SIGN PANEL (SQ. FT.): ALUMINUM SHEET INCREMENT	SIGN PANEL (SQ. FT.): ALUMINUM SHEET OVERLAY	TIMBER POLE (LINEAR FT.): 4" TOP DIA.	TIMBER POLE (LINEAR FT.): 5" TOP DIA.	STEEL POST(LBS.): ROUND TUBULAR	STEEL POST(LBS.): SQUARE TUBULAR	STEEL POST(LBS.): STRUCTURAL STEEL	STEEL POST(LBS.): "U" POST	BREAKAWAY	SIGNS/GUIDE: REMOVE	SIGNS/GUIDE: RESET	SIGNS/GUIDE: REMOVE	SIGNS/GUIDE: RESET	REFLECTIVITY	REMARKS	
E-668078.6578		D10-1 (5)	10 x 18	IV	IV	4-0		2# STL U-POST		9-6		4-0	3-0	1.3 IV 1.3 IV								20								NEW INSTALLATION REFERENCE POST 5	5 ENW
N-229755.0863																														LOCATION IN STATE PLANE COORDINATES	MLE 5
E-667661.5467		D10-1 (6)	10 x 18	IV	IV	4-0		2# STL U-POST		9-6		4-0	3-0	1.3 IV 1.3 IV								20								NEW INSTALLATION REFERENCE POST 6	9 ENW
N-228288.8033																														LOCATION IN STATE PLANE COORDINATES	MLE 6
E-667618.4087		D10-1 (7)	10 x 18	IV	IV	4-0		2# STL U-POST		9-6		4-0	3-0	1.3 IV 1.3 IV								20								NEW INSTALLATION REFERENCE POST 7	7 ENW
N-226773.4614																														LOCATION IN STATE PLANE COORDINATES	MLE 7
E-666722.8867		D10-1 (8)	10 x 18	IV	IV	4-0		2# STL U-POST		9-6		4-0	3-0	1.3 IV 1.3 IV								20								NEW INSTALLATION REFERENCE POST 8	8 ENW
N-225516.2368																														LOCATION IN STATE PLANE COORDINATES	MLE 8
E-666797.2886		D10-1 (9)	10 x 18	IV	IV	4-0		2# STL U-POST		9-6		4-0	3-0	1.3 IV 1.3 IV								20								NEW INSTALLATION REFERENCE POST 9	6 ENW
N-223932.0441																														LOCATION IN STATE PLANE COORDINATES	MLE 9
E-667666.9203		D10-2 (10)	10 x 27	IV	IV	4-0		2# STL U-POST		10-0		4-0	3-0	1.9 IV 1.9 IV								22								NEW INSTALLATION REFERENCE POST 10	01 ENW
N-222625.1065																														LOCATION IN STATE PLANE COORDINATES	MLE 10
E-667983.4997		D10-2 (11)	10 x 27	IV	IV	4-0		2# STL U-POST		10-0		4-0	3-0	1.9 IV 1.9 IV								22								NEW INSTALLATION REFERENCE POST 11	11 ENW
N-221118.7353																														LOCATION IN STATE PLANE COORDINATES	MLE 11
E-668314.4087		D10-2 (12)	10 x 27	IV	IV	4-0		2# STL U-POST		10-0		4-0	3-0	1.9 IV 1.9 IV								22								NEW INSTALLATION REFERENCE POST 12	21 ENW
N-219675.7280																														LOCATION IN STATE PLANE COORDINATES	MLE 12
E-668491.1310		D10-2 (13)	10 x 27	IV	IV	4-0		2# STL U-POST		10-0		4-0	3-0	1.9 IV 1.9 IV								22								NEW INSTALLATION REFERENCE POST 13	31 ENW
N-218094.7491																														LOCATION IN STATE PLANE COORDINATES	MLE 13
E-668449.0605		D10-2 (14)	10 x 27	IV	IV	4-0		2# STL U-POST		10-0		4-0	3-0	1.9 IV 1.9 IV								22								NEW INSTALLATION REFERENCE POST 14	41 ENW
N-216633.1984																														LOCATION IN STATE PLANE COORDINATES	MLE 14
E-668446.5738		D10-2 (15)	10 x 27	IV	IV	4-0		2# STL U-POST		10-0		4-0	3-0	1.9 IV 1.9 IV								22								NEW INSTALLATION REFERENCE POST 15	51 ENW
N-215029.5745																														LOCATION IN STATE PLANE COORDINATES	MLE 15
E-668455.6859		D10-2 (16)	10 x 27	IV	IV	4-0		2# STL U-POST		10-0		4-0	3-0	1.9 IV 1.9 IV								22								NEW INSTALLATION REFERENCE POST 16	61 ENW
N-213424.5662																														LOCATION IN STATE PLANE COORDINATES	MLE 16

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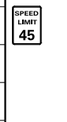
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SIGN LOCATION AND SPECIFICATIONS

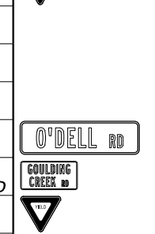
REF. POST		SIGN NO.	PANEL SIZE	REFL SHTG TYPE: BACK-GROUND	REFL SHTG TYPE: LEGEND	FEET: CLEARANCE	FEET: SIGN SUPPORT SPACING	TYPE OF SUPPORT	FEET: CANTILEVER	FEET: SUPPORT LENGTH (ESTIMATED)	FEET: SUPPORT LENGTH (INSTALLED)	FEET: MOUNTING HEIGHT	FEET: FOUNDATION DEPTH	SIGN PANEL (SQ. FT.): SHEET ALUMINUM	SIGN PANEL (SQ. FT.): ALUMINUM SHEET INCREMENT	SIGN PANEL (SQ. FT.): ALUMINUM SHEET OVERLAY	TIMBER POLE (LINEAR FT.): 4" TOP DIA.	TIMBER POLE (LINEAR FT.): 5" TOP DIA.	STEEL POST(LBS.): ROUND TUBULAR	STEEL POST(LBS.): SQUARE TUBULAR	STEEL POST(LBS.): STRUCTURAL STEEL	STEEL POST(LBS.): "U" POST	BREAKAWAY	SIGNS REMOVE	SIGNS RESET	GUIDE REMOVE	GUIDE RESET	REFLECTIVITY	REMARKS
4.838 RT		W1-8	USE AS IS																										
4.850 RT		W1-8	USE AS IS																										
4.862 RT		W1-8	USE AS IS																										
4.875 RT		W1-8	USE AS IS																										
4.831 RT		W8-14	30 x 30	XI		10-0		4" DIA POLE		13-4		5-0	3-0	6.3 XI			14												NEW - FALLEN ROCKS
5.110 LT		W8-14	30 x 30	XI		10-0		4" DIA POLE		13-4		5-0	3-0	6.3 XI			14					1							REPLACE FROM RP 5.091 FALLEN ROCKS
5.564 RT		R2-1	24 x 30	XI		10-0		4" DIA POLE		12-4		5-0	3-0	5.0 XI			14					1							REPLACE SPEED LIMIT - 45 MPH
6.940 RT		W23-1	USE AS IS																										WATCH FOR CHILDREN
7.183 LT		D-3	42 x 10	IV	IV	6-0		5" DIA POLE		14-10		5-0	3-6	2.9 IV 2.9 IV								X							NEW - ROAD COULEE RD
		D-3	30 x 18	IV	IV									4.5 IV 4.5 IV															NEW - GOULDING CREEK RD
		R1-2	36x36x36	XI	XI									3.9 XI				16											NEW - YIELD
7.238 LT		USE AS IS																											WATCH FOR CHILDREN
7.388 RT		D-3	30 x 10	IV	IV	6-0		5" DIA POLE		14-10		5-0	3-6	2.5 IV 2.5 IV								X							NEW - O'DELL RD
		D-3	30 x 18	IV	IV									4.5 IV 4.5 IV															NEW - GOULDING CREEK RD
		R1-2	36x36x36	XI	XI									3.9 XI				16											NEW - YIELD
7.673 RT		W8-14	30 x 30	XI		10-0		4" DIA POLE		13-4		5-0	3-0	6.3 XI			14					1							REPLACE - FALLEN ROCKS
8.006 LT		W8-14	30 x 30	XI		10-0		4" DIA POLE		13-4		5-0	3-0	6.3 XI			14					1							REPLACE - FALLEN ROCKS
9.224 RT		W8-14	30 x 30	XI		10-0		4" DIA POLE		13-4		5-0	3-0	6.3 XI			14					1							REPLACE - FALLEN ROCKS
9.454 LT		W8-14	30 x 30	XI		10-0		4" DIA POLE		13-4		5-0	3-0	6.3 XI			14					1							REPLACE - FALLEN ROCKS
10.932 RT		S3-3B	30 x 30	XI		10-0		4" DIA POLE		13-4		5-0	3-0	6.3 XI			14					1					FYG		REPLACE SCHOOL BUS TURN AROUND

TYPE XI
FYG = FLUORESCENT YELLOW-GREEN SHEETING REQUIRED.

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









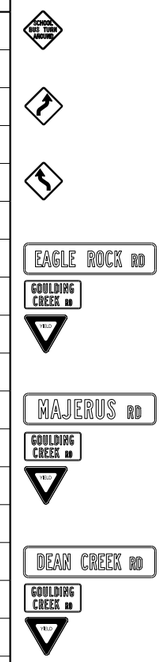
3	MDT MONTANA DEPARTMENT OF TRANSPORTATION	C:\DGN\9801000sisum001.dgn	DESIGN BY: LANDON SHOQUIST	SIGNING PLANS		SOUTH OF US 12-SOUTH (S-381)	STPS 381-1(7)5
2		12/28/2021	CHECK BY: NATHAN STYREN	MUSSELSHELL COUNTY		UPN #9801000	S3
1		10:51:23 AM CPS - U2160					

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AWARD COPY

SIGN LOCATION AND SPECIFICATIONS

REF. POST		SIGN NO.	PANEL SIZE	REFL SHTG TYPE: BACK-GROUND	REFL SHTG TYPE: LEGEND	FEET: CLEARANCE	FEET: SIGN SUPPORT SPACING	TYPE OF SUPPORT	FEET: CANTILEVER	FEET: SUPPORT LENGTH (ESTIMATED)	FEET: SUPPORT LENGTH (INSTALLED)	FEET: MOUNTING HEIGHT	FEET: FOUNDATION DEPTH	SIGN PANEL (SQ. FT.): SHEET ALUMINUM	SIGN PANEL (SQ. FT.): ALUMINUM SHEET INCREMENT	SIGN PANEL (SQ. FT.): ALUMINUM SHEET OVERLAY	TIMBER POLE (LINEAR FT.): 4" TOP DIA.	TIMBER POLE (LINEAR FT.): 5" TOP DIA.	STEEL POST(LBS.): ROUND TUBULAR	STEEL POST(LBS.): SQUARE TUBULAR	STEEL POST(LBS.): STRUCTURAL STEEL	STEEL POST(LBS.): "U" POST	BREAKAWAY	SIGNS REMOVE	SIGNS RESET	GUIDE REMOVE	GUIDE RESET	REFLECTIVITY	REMARKS
11.299 LT		S3-3B	30 x 30	XI		10-0		4" DIA POLE		13-4		5-0	3-0	6.3 XI			14							1					FYG	REPLACE SCHOOL BUS TURN AROUND
11.436 RT		W1-4R	30 x 30	XI		10-0		4" DIA POLE		13-4		5-0	3-0	6.3 XI			14							1					FY	REPLACE FROM RP 11.400 PLACE 125 FT FROM CURVE
11.806 LT		W1-4L	30 x 30	XI		10-0		4" DIA POLE		13-4		5-0	3-0	6.3 XI			14							1					FY	REPLACE FROM RP 11.887 PLACE 125 FT FROM CURVE
12.417 LT		D-3	42 x 10	IV	IV	6-0		5" DIA POLE		14-10		5-0	3-6	2.9 IV 2.9 IV				16					X	1						REPLACE - EAGLE ROCK RD
		D-3	36 x 18	IV	IV									4.5 IV 4.5 IV																NEW - GOULDING CREEK RD
		R1-2	36x36x36	XI	XI									3.9 XI																REPLACE- YIELD
13.685 LT		D-3	42 x 10	IV	IV	6-0		5" DIA POLE		14-10		5-0	3-6	2.9 IV 2.9 IV				16					X							NEW - MAJERUS RD
		D-3	36 x 18	IV	IV									4.5 IV 4.5 IV																NEW - GOULDING CREEK RD
		R1-2	36x36x36	XI	XI									3.9 XI																NEW - YIELD
14.334 RT		D-3	42 x 10	IV	IV	6-0		5" DIA POLE		14-10		5-0	3-6	2.9 IV 2.9 IV				16					X	1						REPLACE - DEAN CREEK RD
		D-3	36 x 18	IV	IV									4.5 IV 4.5 IV																REPLACE GOULDING CREEK RD
		R1-2	36x36x36	XI	XI									3.9 XI																REPLACE - YIELD
16.268 LT		R2-1	24 x 30	XI		10-0		4" DIA POLE		12-4		5-0	3-0	5.0 XI			14							1						REPLACE SPEED LIMIT - 45 MPH
16.331 RT		D-3	REMOVE																					1						REMOVE - DAILEY RD GOULDING CREEK RD
16.337 RT		D-3	36 x 10	IV	IV	6-0		5" DIA POLE		14-10		5-0	3-6	2.5 IV 2.5 IV				16					X	1						NEW - DAILEY RD
		D-3	36 x 18	IV	IV									4.5 IV 4.5 IV																NEW - GOULDING CREEK RD
		R1-2	36x36x36	XI	XI									3.9 XI																REPLACE - YIELD
TOTALS														127.0 IV 97.0 XI			168	96				254		15						



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

FY = TYPE XI FLUORESCENT YELLOW SHEETING REQUIRED.

FYG = TYPE XI FLUORESCENT YELLOW-GREEN SHEETING REQUIRED.

3	MDT MONTANA DEPARTMENT OF TRANSPORTATION	C:\DGN\9801000sisum002.dgn	DESIGN BY	LANDON SHOQUIST		SIGNING PLANS	SOUTH OF US 12-SOUTH (S-381) / STPS 381-1(7)5
2		12/28/2021	CHECK BY	NATHAN STYREN		MUSSELSHELL COUNTY	UPN #9801000 / S4
1		10:51:33 AM CPS - U2160					