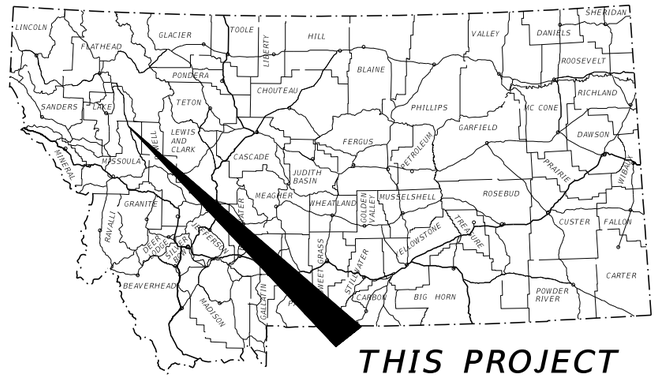
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MONTANA DEPARTMENT OF TRANSPORTATION

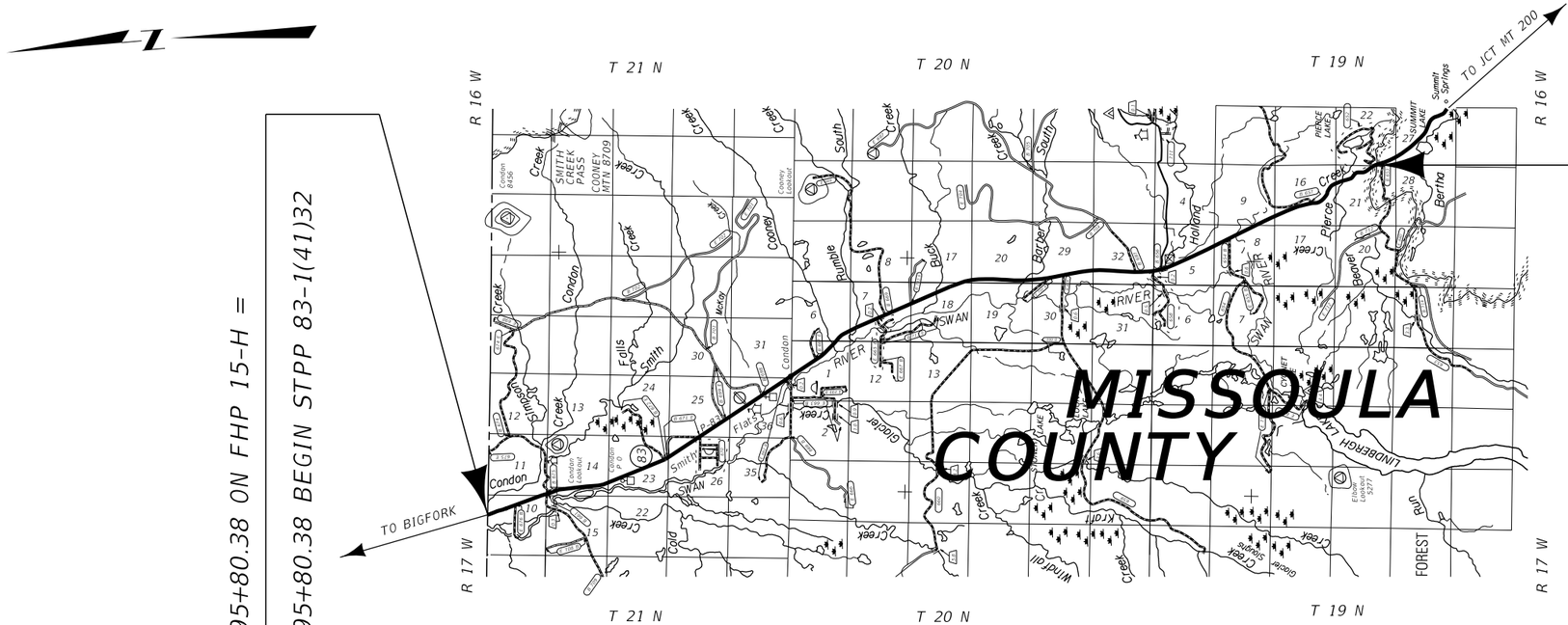
FEDERAL AID PROJECT STPP 83-1(41)32
MILL/FILL, SEAL & COVER, & FOG SEAL
CONDON - N & S
MISSOULA COUNTY

PROJECT DESIGN DATA		
PRESENT	2019	A.D.T. = 1,270
LETTING	2020	A.D.T. = 1,290
DESIGN	2040	A.D.T. = 1,570
		D.H.V. = 350
		TRUCKS = 11.7%
		V = 60 mph
		18 KIP ESAL'S = 75
		GROWTH RATE = 1.0% ANNUALLY

LETTING DATE:

LENGTH 16.3 MILES

SURFACING SOURCES – CONTRACTOR FURNISHED



1195+80.38 ON FHP 15-H =

1195+80.38 BEGIN STPP 83-1(41)32

2054+00.00 END STPP 83-1(41)32 =

2054+00.00 ON FHP 15-F

THIS CONTRACT

RP 47.8 T0 RP 31.5

3	MDT MONTANA DEPARTMENT OF TRANSPORTATION	C:\DGN\9500000rdtl001.dgn	DESIGNED BY	F. Cobarrubias	10/24/2019	ROAD PLANS
2		1/2/2020	REVIEWED BY	J. Dold	10/24/2019	
		2:42:32 PM CPS – U5963	CHECKED BY			UPN 9500000

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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.	= 5.8% OF PL. MIX BIT. SURF.
HYDRATED LIME	= 1.4% OF PL. MIX BIT. SURF.
BITUMINOUS MATERIAL	= 8.5 LBS. PER GAL.
EMULSIFIED ASPHALT TACK (CONCRETE SURFACES)	= 0.10 GAL. PER SQ.YARD (UNDILUTED)
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)
SEAL	= 0.42 GAL. PER SQ.YARD
COVER	= 25 LBS. PER SQ.YARD
EMULSIFIED ASPHALT - FOG SEAL (RUMBLE STRIPS)	= 0.10 GAL. PER SQ.YARD (UNDILUTED)

QUANTITIES FOR ONE PUBLIC APPROACH:

AVERAGE LENGTH	= 25 linear feet
PLANT MIX BITUMINOUS SURF.	= 7.7 tons
ASPHALT CEMENT	= 0.45 tons
EMULSIFIED ASPHALT - TACK	= 4.0 gallons
SEAL	= 0.14 tons
COVER	= 80 square yards
EMULSIFIED ASPHALT - FOG SEAL (S&C)	= 6.0 gallons

QUANTITIES FOR ONE PRIVATE & FARM FIELD APPROACH:

AVERAGE LENGTH	= 3 linear feet
PLANT MIX BITUMINOUS SURF.	= 1.5 tons
ASPHALT CEMENT	= 0.09 tons
EMULSIFIED ASPHALT - TACK	= 0.8 gallons

QUANTITIES FOR ONE MAILBOX TURNOUT, PVT APPROACH W/MAILBOX TURNOUT, TURNOUT, SCENIC TURNOUT & PUBLIC PULLOUT:

AVERAGE LENGTH	= 3 linear feet
PLANT MIX BITUMINOUS SURF.	= 8.1 tons
ASPHALT CEMENT	= 0.47 tons
EMULSIFIED ASPHALT - TACK	= 4.2 gallons
SEAL	= 0.15 tons
COVER	= 84 square yards
EMULSIFIED ASPHALT - FOG SEAL (S&C)	= 6.3 gallons

UTILITIES

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

STATIONING - REFERENCE POSTS

STATIONING RUNS NORTH TO SOUTH AND REFERENCE POSTS RUN SOUTH TO NORTH.

AS-BUILTS

FOR HORIZONTAL ALIGNMENT AND STATIONING, REFER TO THE FOLLOWING "AS BUILT" PROJECT(S):

FHP 15H, I, F	-	1959
STPP 83-1(15)31	-	1996
STPP 83-1(26)31	-	2008

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.

QUANTITIES FOR ONE MAILBOX TURNOUT WITH PUBLIC APPROACH:

AVERAGE LENGTH	= 8 linear feet
PLANT MIX BITUMINOUS SURF.	= 22.9 tons
ASPHALT CEMENT	= 1.33 tons
EMULSIFIED ASPHALT - TACK	= 11.9 gallons
SEAL	= 0.42 tons
COVER	= 238 square yards
EMULSIFIED ASPHALT - FOG SEAL (S&C)	= 17.9 gallons

LINEAR DATA

LENGTH OF ROADWAY	2 LANE RURAL	85,819.62 ft
TOTAL LENGTH OF STPP 83-1(41)32	2 LANE RURAL	85,819.62 ft

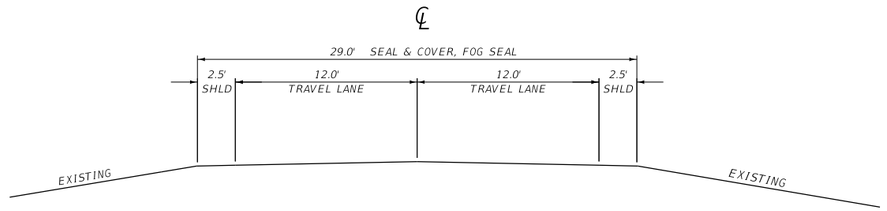
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TYPICAL SECTION NO. 1

MAINLINE

1195+80.38 TO 1298+43.20 (RP 47.8 TO RP 45.8)

(THEN TO TYP. NO. 2)

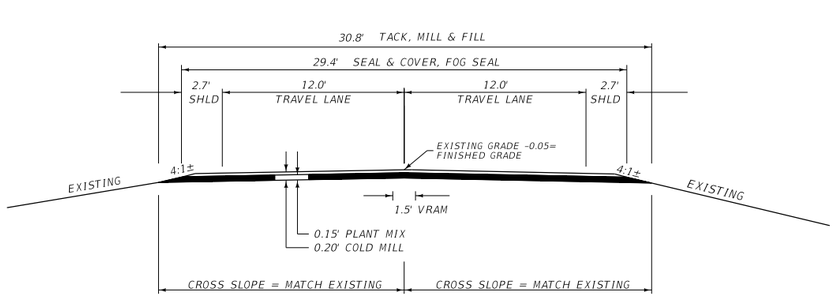


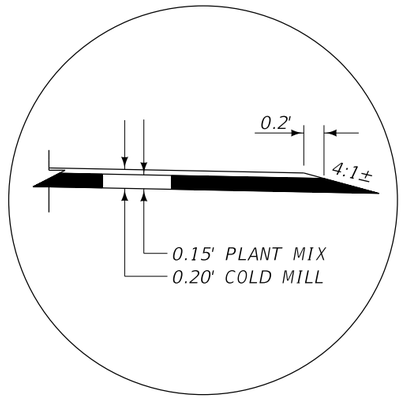
QUANTITIES							
UNIT	AGGREGATE		UNIT	BITUMINOUS MATERIAL			
	COVER				EMULSIFIED ASPHALT CHFRS-2P SEAL	EMULSIFIED ASPHALT FOG SEAL	
AREA square feet			square yards PER STATION		322	322	
cubic yards PER STATION			tons PER STATION		0.57		
tons PER STATION			gallons PER STATION			24	
square yards PER STATION	322						

TYPICAL SECTION NO. 2

MAINLINE

1298+43.20 TO 2054+00.00 (RP 45.8 TO RP 31.5)





QUANTITIES										
UNIT	AGGREGATE		UNIT	BITUMINOUS MATERIAL						
	COVER	PLANT MIX BIT. SURF. GR. S - 1/2"		ASPHALT CEMENT	EMULSIFIED ASPHALT CHFRS-2P SEAL	EMULSIFIED ASPHALT TACK	EMULSIFIED ASPHALT FOG SEAL	VRAM	COLD MILLIMG
AREA square feet		4.52	square yards PER STATION		327	342	327		342
cubic yards PER STATION		16.7	tons PER STATION	1.87	0.58				
tons PER STATION		32.2	feet PER STATION					100	
square yards PER STATION	327		gallon PER STATION			17	25		

3	MDT	MONTANA DEPARTMENT OF TRANSPORTATION	C:\DGN\9500000rdtyp001.dgn	DESIGNED BY	F. Cobarrubias	10/24/2019	ROAD PLANS
2			1/2/2020	REVIEWED BY	J. Dold	10/24/2019	MISSOULA COUNTY
			2:42:47 PM CPS - U5963	CHECKED BY			

CONDON - N & S	STPP 83-1(41)32
UPN 9500000	3

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SUMMARY

SURFACING

STATION FROM	STATION TO	linear feet GROSS	linear feet NET	linear feet +	linear feet -	FOR	tons HYDRATED LIME	AGGREGATE square yards COVER TYPE 1	AGGREGATE cubic yards SHOULDER GRAVEL	AGGREGATE tons PLANT MIX BIT. SURF. GR. S - 1/2"	AGGREGATE tons PLANT MIX BIT. SURF. GR. S - MISC.	BITUMINOUS MATERIAL tons ASPHALT CEMENT PG 64-28	BITUMINOUS MATERIAL tons EMULSIFIED ASPHALT CHFRS-2P SEAL	BITUMINOUS MATERIAL gallons EMULSIFIED ASPHALT TACK	BITUMINOUS MATERIAL gallons EMULSIFIED ASPHALT FOG SEAL	REMARKS
1195+80.38	1298+43.20	10,262.82	10,262.82					33,046					58.5		2,463	TYP. NO. 1
1298+43.20	2054+00.00	75,556.80	75,556.80					247,071		24,329		1,412.9	438.2	12,845	18,889	TYP. NO. 2
						ADDITIONAL SURFACING		7,184	25	506	306	47.3	12.9	421	539	
TOTAL		85,819.62	85,819.62	~	~		352	287,301	25	24,835	306	1,460.2	509.6	13,266	21,891	

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 square yards COVER TYPE 1	AGGREGATE cubic yards SHOULDER GRAVEL	AGGREGATE tons PLANT MIX BIT. SURF. GR. S - 1/2"	AGGREGATE tons PLANT MIX BIT. SURF. GR. S - MISC.	BITUMINOUS MATERIAL tons ASPHALT CEMENT PG 64-28	BITUMINOUS MATERIAL tons EMULSIFIED ASPHALT CHFRS -2P SEAL	BITUMINOUS MATERIAL gallons EMULSIFIED ASPHALT TACK	BITUMINOUS MATERIAL gallons EMULSIFIED ASPHALT FOG SEAL	REMARKS
1298+43.20	1300+43.20	200.00	200.00			CONN. TO PTW										TYP. NO. 2 FOR INFORMATION ONLY
2052+00.00	2054+00.00	200.00	200.00			CONN. TO PTW										TYP. NO. 2 FOR INFORMATION ONLY
						ERODED SLOPE AT RUMBLE CREEK BOX CULVERT			25							RP 40.8±, WEST SIDE OF ROAD
						79 - FARM FIELD & PRIVATE APPROACHES				119		7.1		63		SEE DETAIL
						24 - PAVED PUBLIC APPROACHES		1,920			185	10.8	3.4	96	144	SEE DETAIL
						6 - MAILBOX TURNOUTS		504		49		2.8	0.9	25	38	SEE DETAIL
						21 - PRIVATE APPROACH WITH MAILBOX TURNOUTS		1,764		170		9.9	3.2	88	132	SEE DETAIL
						6 - TURNOUTS		504		49		2.8	0.9	25	38	SEE DETAIL
						6 - SCENIC TURNOUTS		504		49		2.8	0.9	25	38	SEE DETAIL
						1 - PUBLIC PULLOUTS		84		8		0.5	0.2	4	6	SEE DETAIL
						8 - PUBLIC APPROACH WITH MAILBOX TURNOUTS		1,904		62	121	10.6	3.4	95	143	SEE DETAIL
SUBTOTAL		~	~	~	~		~	7,184	25	506	306	47.3	12.9	421	539	

PAVEMENT MARKINGS

ITEM	UNIT	INTERIM APPLICATION #	FINAL APPLICATION	TOTAL
STRIPING - WHITE PAINT	gallon	1,164		1,164
STRIPING - YELLOW PAINT	gallon	559		559
STRIPING - WHITE EPOXY	gallon		776	776
STRIPING - YELLOW EPOXY	gallon		373	373
TEMPORARY STRIPING	linear foot			77,446

BASED ON 2 APPLICATIONS (1 APPLICATION IN SEAL AND COVER ONLY AREA).

RUMBLE STRIPS

STATION FROM	STATION TO	miles RUMBLE STRIPS CONTINUOUS	miles RUMBLE STRIPS INTERMITTENT	miles RUMBLE STRIPS CENTERLINE TYPE 3	gals EMULSIFIED ASPHALT FOG SEAL #	REMARKS
1298+43.20	2054+00.00			13.9	1,626	
SUBTOTAL		~	~	13.9	1,626	
TOTAL		~		13.9	~	

FOR INFORMATION ONLY, INCLUDE IN THE COST OF RUMBLE STRIPS

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SUMMARY

COLD MILLING

STATION		square yards		REMARKS
		COLD MILLING	COLD MILLING TAPER MILL #	
FROM	TO	0.20 ft	0.15 TO 0.20 ft	
1298+43.20	2054+00.00	258,404		
1298+43.20	2054+00.00		8,044	FOR ALL APPROACHES, PULLOUTS & TURNOUTS.
SUB-TOTAL		258,404	8,044	
TOTAL		266,448		

SEE DETAIL

REVEGETATION

STATION		lump sum	REMARKS
		REVEGE-TATION	
FROM	TO		
1535+75.00	1642+87.50	1	
TOTAL		1	

MASTIC FILLER/ SEALER

STATION		TRANSVERSE & LONGITUDINAL MASTIC FILLER & SEALER	REMARKS
		CRACK FILLING - MASTIC *	
FROM	TO	pounds	
1195+80.38	1298+43.20	10,000	
TOTAL		10,000	

* DENSITY OF MASTIC MATERIAL IS 116 POUNDS PER CUBIC FOOT.

VOID REDUCING ASPHALT MEMBRANE (VRAM) *

STATION		CENTERLINE JOINT SEALING (VRAM)	REMARKS
FROM	TO	feet	
1298+43.20	2054+00.00	75,557	
TOTAL		75,557	

* SEE SPECIAL PROVISION

SUMMARY

GUARDRAIL

STATION		linear feet						each		REMARKS
		REMOVE GUARDRAIL		MGS GUARDRAIL - LONG POSTS - STEEL		MGS INTERSECTING ROADWAY TERMINAL SECTION		MASH W-BEAM TERMINAL SECTION		
FROM	TO	LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT	
NEW RAIL										
1535+79.63	1540+63.00				425.0		62.5		1	** 24' RADIUS IRT - COONEY CREEK
1537+34.38	1542+40.63			437.5				2		COONEY CREEK
1555+37.63	1565+71.00				975.0		62.5		1	** 24' RADIUS IRT - RUMBLE CREEK
1562+09.38	1567+65.63			487.5				2		RUMBLE CREEK
1618+46.88	1626+40.63				725.0				2	
1620+09.38	1626+65.63			587.5				2		
1635+49.63	1639+75.00				375.0		50.0		1	** 16' RADIUS IRT - BUCK CREEK
1637+65.63	1642+59.38			425.0				2		BUCK CREEK
REMOVE RAIL										
1535+75.50	1540+63.00		531.0							SALVAGE 1 OTS - COONEY CREEK
1537+00.00	1542+75.00	533.0								SALVAGE 2 OTS - COONEY CREEK
1555+08.50	1565+71.00		1,075.0							SALVAGE 1 OTS - RUMBLE CREEK
1562+00.00	1567+75.00	582.0								SALVAGE 2 OTS - RUMBLE CREEK
1618+37.50	1626+50.00		823.0							SALVAGE 2 OTS
1620+00.00	1626+75.00	680.0								SALVAGE 2 OTS
1635+25.00	1639+75.00		465.0							SALVAGE 1 OTS - BUCK CREEK
1637+50.00	1642+75.00	525.0								SALVAGE 2 OTS - BUCK CREEK
SUBTOTAL		2,320.0	2,894.0	1,937.5	2,500.0	~	175.0	8	5	
TOTAL		5,214.0		4,437.5		175.0		13		

** ENSURE IRT SECTIONS FIT WITHIN RIGHT-OF-WAY AND DO NOT EXTEND BEYOND THEIR EXISTING LOCATIONS.

GUARDRAIL END SECTION WIDENING

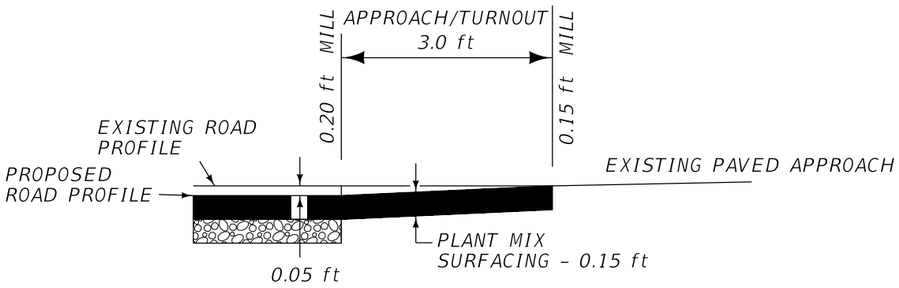
STATION		each		REMARKS
		WIDENING SECTIONS		
FROM	TO	LEFT	RIGHT	
NORTHBOUND				
1537+34.38	1642+59.38	8		
SOUTHBOUND				
1535+84.63	1639+59.38		5	
SUBTOTAL		8	5	
TOTAL		13		

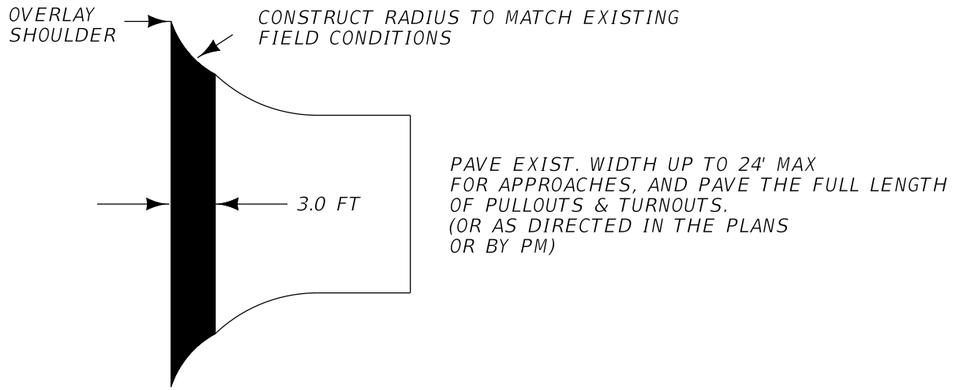
EQUIPMENT

STATION		hours	REMARKS
		GRADER-MOTOR *	
FROM	TO		
1298+43.20	2054+00.00	20	
TOTAL		20	

* For minor grading of the surfacing inslope to perpetuate drainage off the roadway, due to the reduction in grade of 0.05'.

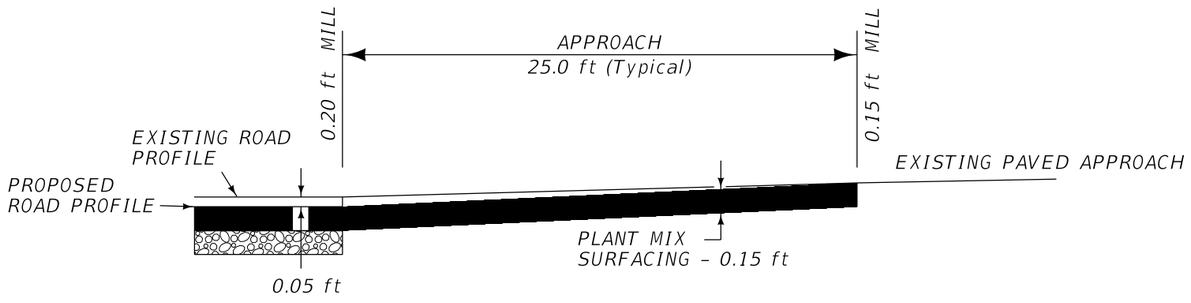
PRIVATE & FARM FIELD APPROACHES
PULLOUTS & MAILBOX TURNOUTS

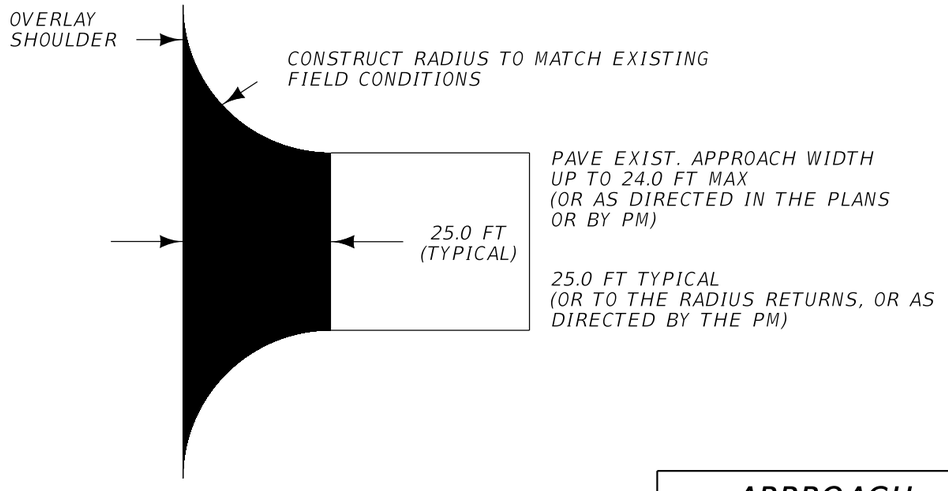




NOTE: MATCH APPROACHES, PULLOUTS & MAILBOX TURNOUTS INTO EXISTING ELEVATION.

PUBLIC ROAD



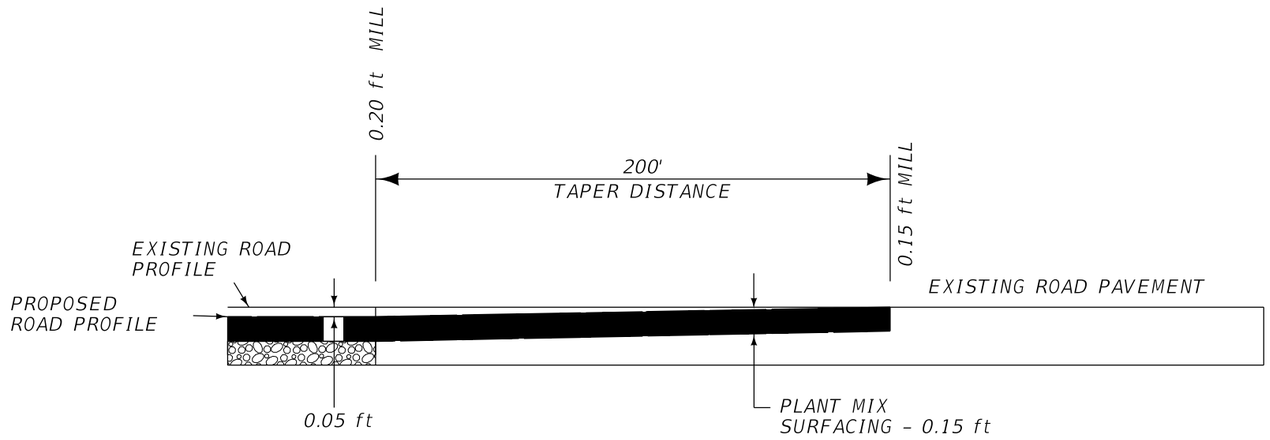


NOTE: WHEN MAILBOX TURNOUT CONNECTED TO PUBLIC APPROACH, MATCH MAILBOX TURNOUT INTO EXISTING ELEVATION.

APPROACH PAVING CONNECTION DETAILS

NO SCALE

3	MDT MONTANA DEPARTMENT OF TRANSPORTATION	C:\DGN\9500000rddet001.dgn	DESIGNED BY	F. Cobarrubias	10/24/2019	ROAD PLANS	CONDON - N & S	STPP 83-1(41)32
2		1/2/2020	REVIEWED BY	J. Dold	10/24/2019			
		2:43:23 PM CPS - U5963	CHECKED BY			MISSOULA COUNTY	UPN 9500000	7



STA. 1298+43.20 TO STA. 1300+43.20 BEGIN PROJECT CONN.

STA. 2052+00.00 TO STA. 2054+00.00 END PROJECT CONN.

PTW CONNECTION DETAIL

NO SCALE

3 / 1	MDT MONTANA DEPARTMENT OF TRANSPORTATION	C:\DGN\9500000rddet001.dgn	DESIGNED BY	F. Cobarrubias	10/24/2019	ROAD PLANS	CONDON - N & S	STPP 83-1(41)32
		1/2/2020	REVIEWED BY	J. Dold	10/24/2019			
		2:43:28 PM CPS - U5963	CHECKED BY			MISSOULA COUNTY	UPN 9500000	8

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SUMMARY
SIGNING & DELINEATION QUANTITIES

MATERIAL	TOTAL	UNIT
SIGNS-SHEET ALUMINUM-REFLECTIVE SHEETING(IV)	322.8	SQ. FOOT
SIGNS-SHEET ALUMINUM-REFLECTIVE SHEETING(XI)	369.1	SQ. FOOT
SIGNS-ALUMINUM SHEET INCREMENT SHEETING (IV)	114.8	SQ. FOOT
SIGNS-ALUMINUM SHEET INCREMENT SHEETING (XI)	32.6	SQ. FOOT
OVERLAY-SHEET ALUMINUM		SQ. FOOT
POSTS-STEEL "U"	320	POUNDS
POLES-TREATED WOOD-4" DIA.	232	LINEAR FT.
POLES-TREATED WOOD-5" DIA.		LINEAR FT.
POLES-TREATED TIMBER-CLASS 4		LINEAR FT.
POLES-TREATED TIMBER-CLASS 3		LINEAR FT.
POSTS-TUBULAR STEEL (ROUND)		POUNDS
POSTS-TUBULAR STEEL (SQUARE PERFORATED)		POUNDS
POSTS-STRUCTURAL STEEL		POUNDS
OVERHEAD STRUCTURE-METAL-CANTILEVER		EACH
OVERHEAD STRUCTURE-METAL-BRIDGE		EACH
HIGHWAY TRAFFIC STRIPING-WHITE		GAL.(S)
HIGHWAY TRAFFIC STRIPING-YELLOW		GAL.(S)
WORDS & SYMBOLS		GAL.(S)
DELINEATOR-FLEXIBLE DRIVE - WHITE	576	EACH
DELINEATOR-FLEXIBLE DRIVE - YELLOW	52	EACH
DELINEATOR-DESIGN A		EACH
DELINEATOR-DESIGN B		EACH
DELINEATOR-DESIGN C		EACH
DELINEATOR-DESIGN D		EACH
DELINEATOR-DESIGN E		EACH
DELINEATOR-DESIGN F		EACH
DELINEATOR-DESIGN G		EACH
DELINEATOR-DESIGN H		EACH
REMOVE SIGNS	102	EACH
REMOVE SIGNS-GUIDE	7	EACH
RESET SIGNS		EACH
RESET SIGNS-GUIDE		EACH
FRANGIBLE SIGN POST BREAKAWAY DEVICE-		EACH
FRANGIBLE SIGN POST BREAKAWAY DEVICE-		EACH
SQUARE TUBULAR SLIPBASE BREAKAWAY DEVICE-3"		EACH

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SIGN LOCATION AND SPECIFICATIONS

STATION	RAMP NO.	SIGN NO.	PANEL SIZE	REFL SHTG TYPE: BACK-GROUND	REFL SHTG TYPE: LEGEND	FEET: CLEARANCE	FEET: SIGN SUPPORT SPACING	FEET: 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	BREAK AWAY	SIGNS/GUIDE: REMOVE	SIGNS/GUIDE: RESET	SIGNS/GUIDE: REMOVE	SIGNS/GUIDE: RESET	REMARKS
1195+80 LT		N6-3	42 x 24	IV	IV							7-0		7.0(IV)											1				R.S.F.O. N6-3 LAKE COUNTY
1195+80 RT		N6-3	54 x 24	IV	IV							7-0		9.0(IV)											1				R.S.F.O. N6-3 MISSOULA COUNTY
1197+00 LT		N7--1 N7-1P	USE AS IS																										USE AS IS N7-1 N7-1P AMERICAN LEGION S.V. POST
1197+00 RT		N7--1 N7-1P	USE AS IS																										USE AS IS N7-1 N7-1P IN MEMORY OF SWAN VALLEY PIONEERS
1198+90 RT		W14-3	48 x 48 x 36	XI	-							5-0		5.5(XI)										1				FY	R.S.F.O. W14-3 NO PASSING ZONE
1200+50 LT		M3-1 M1-5	24 x 12 24 x 24	XI XI	- -							5-0		2.0(XI) 4.0(XI)										1					R.S.F.O. M3-1 NORTH M1-5 MONTANA 83
1201+95 RT		M3-3 M1-5	24 x 12 24 x 24	XI XI	- -							5-0		2.0(XI) 4.0(XI)										1					R.S.F.O. M3-3 SOUTH M1-5 MONTANA 83
1216+95 RT		W11-4 W7-3a	30 x 30 18 x 24	XI XI	- -							5-6		6.3(XI) 3.0(XI)										1					R.S.F.O. W11-4 W7-3a NEXT 16 MILES
1222+98 LT		D-3 D-3	30 x 10 30 x 10	IV IV	IV IV							5-0		2.1(IV) 2.1(IV)										1					R.S.F.O. (2) D-3 BECK RD
		R1-1 -	30 x 30 -	XI -	XI -									5.2(XI) -															R1-1 STOP
1223+50 RT		D-3 D-3	30 x 10 30 x 10	IV IV	IV IV							5-0		2.1(IV) 2.1(IV)										1					R.S.F.O. (2) D-3 BECK RD
		R1-1 -	30 x 30 -	XI -	XI -									5.2(XI) -															R1-1 STOP
1235+83 LT		D10-2 D10-2	10 x 27 10 x 27	IV IV	IV IV	4-0		2 LBS STL U		10-0		4-0	2-0	1.9(IV) 1.9(IV)									20.0	1					REPLACE (2) D10-2
1246+35 RT		USFS	USE AS IS																										USE AS IS USFS ← OLD CONDON COLD LAKES → 124 ← 903 →
1250+85 LT		D-3 D-3	30 x 18 30 x 18	IV IV	IV IV							5-0		3.8(IV) 3.8(IV)										1					R.S.F.O. (2) D-3 CONDON LOOP RD
		R1-1 -	30 x 30 -	XI -	XI -									5.2(XI) -															R1-1 STOP
1251+30 RT		D-3 D-3	36 x 10 36 x 10	IV IV	IV IV							5-0		2.5(IV) 2.5(IV)										1					R.S.F.O. (2) D-3 COLD CR RD
		R1-1 -	30 x 30 -	XI -	XI -									5.2(XI) -															R1-1 STOP
1252+00 RT		N7--1 N7-1P	USE AS IS																										USE AS IS N7-1 N7-1P MALCOLM & EDNA KESTERSON
1252+00 LT		N7--1 N7-1P	USE AS IS																										USE AS IS N7-1 N7-1P IN MEMORY OF SWAN VALLEY PIONEERS
1257+50 LT		USFS	USE AS IS																										USE AS IS USFS ← COLD LAKES OLD CONDON → 903 ← 124 →
1288+63 LT		D10-2 D10-2	10 x 27 10 x 27	IV IV	IV IV	4-0		2 LBS STL U		10-0		4-0	2-0	1.9(IV) 1.9(IV)									20.0	1					REPLACE (2) D10-2
1290+65 LT		W11-3 W7-3a	30 x 30 18 x 24	XI XI	- -							5-6		6.3(XI) 3.0(XI)										1					R.S.F.O. W11-3 W7-3a NEXT 23 MILES
1291+70 LT		D-3 D-3	36 x 10 36 x 10	IV IV	IV IV							5-0		2.5(IV) 2.5(IV)										1					R.S.F.O. (2) D-3 STEKAR TRL
1306+00 LT		W14-3	48 x 48 x 36	XI	-							5-0		5.5(XI)										1				FY	R.S.F.O. W14-3 NO PASSING ZONE
1317+80 RT		W14-3	48 x 48 x 36	XI	-							5-0		5.5(XI)										1				FY	R.S.F.O. W14-3 NO PASSING ZONE
1335+95 LT		W14-3	48 x 48 x 36	XI	-							5-0		5.5(XI)										1				FY	R.S.F.O. W14-3 NO PASSING ZONE
1341+40 LT		D10-2 D10-2	10 x 27 10 x 27	IV IV	IV IV	4-0		2 LBS STL U		10-0		4-0	2-0	1.9(IV) 1.9(IV)									20.0	1					REPLACE (2) D10-2

NOTE:

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R.S.F.O.

REPLACE SIGN FACE ONLY

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SIGNS TO BE REPLACE IN EXISTING LOCATIONS UNLESS OTHER WISE NOTED.

FY

TYPE XI FLUORESCENT YELLOW SHEETING REQUIRED.

3	MDT MONTANA DEPARTMENT OF TRANSPORTATION	C:\DGN\9500000sisum001.dgn	DESIGNED BY	HAYWARD	9/19	SIGNING PLANS	CONDON N & S / STPP 83-1 (41) 32
2		1/2/2020	REVIEWED BY	CORNELL	9/19		UPN 9500000 / S2
1		2:43:40 PM CPS - U5963	CHECKED BY	ANDREW	10/19	MISSOULA COUNTY	

AWARD COPY

SIGN LOCATION AND SPECIFICATIONS

STATION	RAMP NO.	SIGN NO.	PANEL SIZE	REFL SHTG TYPE: BACK-GROUND	REFL SHTG TYPE: LEGEND	FEET: CLEARANCE	FEET: SIGN SUPPORT SPACING	TYPE OF SUPPORT	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	BREAK AWAY	SIGNS/GUIDE: REMOVE	SIGNS/GUIDE: RESET	SIGNS/GUIDE: REMOVE	SIGNS/GUIDE: RESET	REMARKS
1359+15 LT		D-3	42 x 10	IV	IV	6-0		4" DIA POLE		12-5		5-0	3-0	2.9(IV)			14						1					REPLACE (2) D-3 KAUFFMAN RD
		D-3	42 x 10	IV	IV									2.9(IV)														
		R1-1	30 x 30	XI	XI									5.2(XI)														R1-1 STOP
		-	-	-	-									-														
1359+20 RT		W14-3	48 x 48 x 36	XI	-							5-0		5.5(XI)									1				FY	R.S.F.O. W14-3 NO PASSING ZONE
1369+70 RT		N6-2	30 x 18	IV	IV							5-0		3.8(IV)									1					R.S.F.O. N6-2 SMITH CREEK
1370+00 LT		N6-2	30 x 18	IV	IV							5-0		3.8(IV)									1					R.S.F.O. N6-2 SMITH CREEK
1375+28 RT		D-3	42 x 10	IV	IV	6-0		4" DIA POLE		12-5		6-0	3-0	2.9(IV)			14						1					REPLACE (2) D-3 LIVINGSTONE LN
		D-3	42 x 10	IV	IV									2.9(IV)														
1394+15 LT		D10-2	10 x 27	IV	IV	4-0		2 LBS STL U		10-0		4-0	2-0	1.9(IV)								20.0	1					REPLACE (2) D10-2 44
		D10-2	10 x 27	IV	IV									1.9(IV)														
1394+15 LT		N7--1	USE																									USE AS IS N7-1 N7-1P MALCOLM & EDNA KESTERSON
		N7-1P	AS IS																									
1394+50 RT		N7--1	USE																									USE AS IS N7-1 N7-1P SWAN VALLEY CONNECTION
		N7-1P	AS IS																									
1395+00 LT		D-3	42 x 10	IV	IV	6-0		4" DIA POLE		12-5		5-0	3-0	2.9(IV)			14						1					REPLACE (2) D-3 HOLLOPETER RD
		D-3	42 x 10	IV	IV									2.9(IV)														
		R1-1	30 x 30	XI	XI									5.2(XI)														R1-1 STOP
		-	-	-	-									-														
1395+25 RT		D-3	36 x 10	IV	IV							5-0		2.5(IV)									1					R.S.F.O. (2) D-3 CHARLES RD
		D-3	36 x 10	IV	IV									2.5(IV)														
		R1-1	30 x 30	XI	XI									5.2(XI)														R1-1 STOP
		-	-	-	-									-														
1443+50 RT		USFS	USE AS IS																									USE AS IS USFS
1447+00 LT		D10-2	10 x 27	IV	IV	4-0		2 LBS STL U		10-0		4-0	2-0	1.9(IV)								20.0	1					REPLACE (2) D10-2 43
		D10-2	10 x 27	IV	IV									1.9(IV)														
1453+20 RT		OM-3	REMOVE																				1					REMOVE OM-3
1453+85 RT		R1-1	30 x 30	XI	XI							5-0		5.2(XI)									1					R.S.F.O. R1-1 STOP
1453+90 RT		USFS	USE AS IS																									USE AS IS USFS
1456+65 RT		R1-1	30 x 30	XI	XI							5-0		5.2(XI)									1					R.S.F.O. R1-1 STOP
1456+85 RT		USFS	USE AS IS																									USE AS IS USFS
1458+45 LT		USFS	USE AS IS																									USE AS IS USFS
1459+95 LT		D-3	36 x 10	IV	IV	6-0		4" DIA POLE		12-5		5-0	3-0	2.5(IV)			14						1					REPLACE (2) D-3 FALLS CR RD
		D-3	36 x 10	IV	IV									2.5(IV)														
		R1-1	30 x 30	XI	XI									5.2(XI)														R1-1 STOP
		-	-	-	-									-														
1466+85 LT		USFS	USE AS IS																									USE AS IS USFS
1467+95 LT		USFS	USE AS IS																									USE AS IS USFS
1470+45 LT		G83-42a	114 x 54	IV	IV							7-0			42.8(IV)									1				R.S.F.O. G83-42a SWAN LAKE 28 BIGFORK 49 KALISPELL 66

NOTE:

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FY

TYPE XI FLUORESCENT YELLOW SHEETING REQUIRED.

3	MDT MONTANA DEPARTMENT OF TRANSPORTATION	C:\DGN\9500000sisum001.dgn	DESIGNED BY	HAYWARD	9/19	SIGNING PLANS		CONDON N & S	STPP 83-1 (41) 32
2		1/2/2020	REVIEWED BY	CORNELL	9/19				
1		2:43:44 PM CPS - U5963	CHECKED BY	ANDREW	10/19	MISSOULA COUNTY		UPN 9500000	S3

AWARD COPY

SIGN LOCATION AND SPECIFICATIONS

		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	BREAK AWAY	SIGNS REMOVE	SIGNS RESET	GUIDE REMOVE	GUIDE RESET	REMARKS
1472+10 LT		N7--1 N7-1P	USE AS IS																									USE AS IS N7-1 N7-1P SWAN VALLEY CONNECTION
1472+10 RT		N7--1 N7-1P	USE AS IS																									USE AS IS N7-1 N7-1P SWAN VALLEY MUSEUM
1476+05 LT		W11-4	30 x 30	XI	-							5-0		6.3(XI)									1					R.S.F.O. W11-4
1482+00 LT		W14-3	48 x 48 x 36	XI	-							5-0		5.5(XI)									1				FY	R.S.F.O. W14-3 NO PASSING ZONE
1491+70 RT		D-3 D-3	42 x 10 42 x 10	IV IV	IV IV							5-0		2.9(IV) 2.9(IV)									1					R.S.F.O. (2) D-3 GLACIER CR RD
		R1-1 -	30 x 30 -	XI -	XI -									5.2(XI) -														R1-1 STOP
1499+85 LT		D10-2 D10-2	10 x 27 10 x 27	IV IV	IV IV	4-0		2 LBS STL U		10-0		4-0	2-0	1.9(IV) 1.9(IV)								20.0	1					REPLACE (2) D10-2 4 2
1499+85 RT		D9-99 D9-99cL	24 x 24 24 X 6	IV IV	IV IV							5-0		4.0(IV) 1.0(IV)									1					R.S.F.O. D9-99 M D9-99cL
1510+41 LT		D9-99 D9-99cR	24 x 24 24 X 6	IV IV	IV IV							5-0		4.0(IV) 1.0(IV)									1					R.S.F.O. D9-99 M D9-99cR
1524+40 LT		D-3 D-3	36 x 10 36 x 10	IV IV	IV IV							5-0		2.5(IV) 2.5(IV)									1					R.S.F.O. (2) D-3 COONEY CR RD
		R1-1 -	30 x 30 -	XI -	XI -									5.2(XI) -														R1-1 STOP
1525+35 RT		D-3 D-3	42 x 10 42 x 10	IV IV	IV IV	6-0		4" DIA POLE		10-10		6-0	3-0	2.9(IV) 2.9(IV)			12						1					REPLACE (2) D-3 GEN PULASKI DR
1533+00 RT		G83-41a	126 x 48	IV	IV							7-0			42.0(IV)										1			R.S.F.O. G83-41a SEELEY LAKE 27 JCT MT 200 41
1539+30 RT		N6-2	30 x 18	IV	IV							5-0		3.8(IV)									1				*	R.S.F.O. N6-2 COONEY CREEK
1539+70 LT		N6-2	30 x 18	IV	IV	4-0		4" DIA POLE		10-4		5-0	3-0	3.8(IV)			12										*	NEW N6-2 COONEY CREEK
1539+70 LT		WHITE CROSS	USE AS IS																								*	USE AS IS BY OTHERS WHITE CROSS
1539+95 RT		W14-3	48 x 48 x 36	XI	-							5-0		5.5(XI)									1				* FY	R.S.F.O. W14-3 NO PASSING ZONE
1540+60 RT		D-3 D-3	42 x 10 42 x 10	IV IV	IV IV	6-0		4" DIA POLE		10-10		6-0	3-0	2.9(IV) 2.9(IV)			12						1					REPLACE FROM 1540+25 (2) D-3 WRANGLER DR
1551+63 LT		D10-2 D10-2	10 x 27 10 x 27	IV IV	IV IV	4-0		2 LBS STL U		10-0		4-0	2-0	1.9(IV) 1.9(IV)								20.0	1					REPLACE (2) D10-2 4 1
1555+90 LT		D-3 D-3	30 x 10 30 x 10	IV IV	IV IV	6-0		4" DIA POLE		10-10		6-0	3-0	2.1(IV) 2.1(IV)			12						1					REPLACE (2) D-3 UFFDA DR
1563+95 RT		N6-2	30 x 18	IV	IV	4-0		4" DIA POLE		10-4		5-0	3-0	3.8(IV)			12										*	NEW N6-2 RUMBLE CREEK
1564+45 LT		N6-2	30 x 18	IV	IV							5-0		3.8(IV)									1				*	R.S.F.O. N6-2 RUMBLE CREEK
1564+50 RT		W14-3	48 x 48 x 36	XI	-							5-0		5.5(XI)									1				* FY	R.S.F.O. W14-3 NO PASSING ZONE
1582+15 LT		W14-3	48 x 48 x 36	XI	-							5-0		5.5(XI)									1				FY	R.S.F.O. W14-3 NO PASSING ZONE
1583+80 RT		D-3 D-3	30 x 18 30 x 18	IV IV	IV IV	6-0		4" DIA POLE		13-2		5-0	3-0	3.8(IV) 3.8(IV)			14						1					REPLACE (2) D-3 GUEST RANCH RD
		R1-1 -	30 x 30 -	XI -	XI -									5.2(XI) -														R1-1 STOP
1588+80 RT		USFS	USE AS IS																									USE AS IS USFS NATIONAL FOREST ACCESS 560
1591+10 LT		D-3 D-3	42 x 10 42 x 10	IV IV	IV IV							5-0		2.9(IV) 2.9(IV)									1					R.S.F.O. (2) D-3 RUMBLE CR RD
		R1-1 -	30 x 30 -	XI -	XI -									5.2(XI) -														R1-1 STOP

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* BEHIND GUARDRAIL OR CONCRETE BARRIER RAIL

SIGNS TO BE REPLACE IN EXISTING LOCATIONS UNLESS OTHER WISE NOTED.

FY

TYPE XI FLUORESCENT YELLOW SHEETING REQUIRED.

3	MDT MONTANA DEPARTMENT OF TRANSPORTATION	C:\DGN\9500000sisum002.dgn	DESIGNED BY	HAYWARD	9/19	COUNTY		CONDON N & S	STPP 83-1 (41) 32
2		1/2/2020	REVIEWED BY	CORNELL	9/19				UPN 9500000
1		2:43:53 PM CPS - U5963	CHECKED BY	ANDREW	10/19	MISSOULA COUNTY			S4

AWARD COPY

SIGN LOCATION AND SPECIFICATIONS

STATION	RAMP NO.	SIGN NO.	PANEL SIZE	REFL SHTG TYPE: BACK-GROUND	REFL SHTG TYPE: LEGEND	FEET: CLEARANCE	FEET: SIGN SUPPORT SPACING	FEET: 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	BREAK AWAY	SIGNS/GUIDE: REMOVE	SIGNS/GUIDE: RESET	SIGNS/GUIDE: REMOVE	SIGNS/GUIDE: RESET	REMARKS
1598+20 LT		USFS	USE AS IS																									USE AS IS USFS
1601+00 RT		N7--1 N7-1P	USE AS IS																									USE AS IS N7-1 N7-1P BUCK CREEK CHIMNEY SWEEPS
1601+00 LT		N7--1 N7-1P	USE AS IS																									USE AS IS N7-1 N7-1P SWAN VALLEY MUSEUM
1603+00 LT		W14-3	48 x 48 x 36	XI	-							5-0		5.5(XI)									1				FY	R.S.F.O. W14-3
1603+00 RT		W14-3	48 x 48 x 36	XI	-							5-0		5.5(XI)									1				FY	R.S.F.O. W14-3
1605+40 RT		W11-3 W7-3a	30 x 30 18 x 24	XI XI	- -							5-6		6.3(XI) 3.0(XI)									1					R.S.F.O. W11-3 W7-3a (28 MILES) NEXT 28 MILES
1605+50 LT		D10-2 D10-2	10 x 27 10 x 27	IV IV	IV IV	4-0		2 LBS STL U		10-0		4-0	2-0	1.9(IV) 1.9(IV)								20.0	1					REPLACE (2) D10-2 M 40
1616+50 LT		D-3 D-3	36 x 10 36 x 10	IV IV	IV IV	6-0		4" DIA POLE		10-11		6-0	3-0	2.5(IV) 2.5(IV)			12						1					REPLACE (2) D-3 BUCK CR RD REPLACE FROM STA. 1616+80 RT
1629+00 RT		R4-1	24 x 30	XI	-							5-0		5.0(XI)									1					R.S.F.O. R4-1 DO NOT PASS
1638+60 RT		N6-2	24 x 18	IV	IV							5-0		3.0(IV)									1				*	R.S.F.O. N6-2 BUCK CREEK
1639+40 LT		N6-2	24 x 18	IV	IV							5-0		3.0(IV)									1				*	R.S.F.O. N6-2 BUCK CREEK
1640+60 RT		S1-1 S4-3	36 x 36 36 x 12	XI XI	- -							5-0		6.8(XI) 3.0(XI)									1				FYG	R.S.F.O. S1-1 S4-3 SCHOOL
1641+00 LT		W14-3	REMOVE																				1				*	REMOVE W14-3
1647+05 RT		R1-1	30 x 30	XI	XI							5-0		5.2(XI)									1					R.S.F.O. R1-1 STOP
1658+00 LT		R4-1	24 x 30	XI	-							5-0		5.0(XI)									1					R.S.F.O. R4-1 DO NOT PASS
1658+15 LT		D10-2 D10-2	10 x 27 10 x 27	IV IV	IV IV	4-0		2 LBS STL U		10-0		4-0	2-0	1.9(IV) 1.9(IV)								20.0	1					REPLACE (2) D10-2 M 39
1659+20 LT		S1-1 S4-3	36 x 36 36 x 12	XI XI	- -							5-0		6.8(XI) 3.0(XI)									1				FYG	R.S.F.O. S1-1 S4-3 SCHOOL
1666+60 RT		D-3 D-3	42 x 10 42 x 10	IV IV	IV IV	6-0		4" DIA POLE		12-5		5-0	3-0	2.9(IV) 2.9(IV)			14						1					REPLACE (2) D-3 SWANLAND DR
		R1-1 -	30 x 30 -	XI -	XI -									5.2(XI) -														R1-1 STOP
1680+10 LT		N7--1 N7-1P	USE AS IS																									USE AS IS N7-1 N7-1P BUCK CREEK CHIMNEY SWEEPS
1680+10 RT		N7--1	USE AS IS																									USE AS IS N7-1
1685+15 RT		W14-3	48 x 48 x 36	XI	-							5-0		5.5(XI)									1				FY	R.S.F.O. W14-3
1711+00 LT		D10-2 D10-2	10 x 27 10 x 27	IV IV	IV IV	4-0		2 LBS STL U		10-0		4-0	2-0	1.9(IV) 1.9(IV)								20.0	1					REPLACE (2) D10-2 M 39
1719+40 RT		N6-2	30 x 18	IV	IV							5-0		3.8(IV)									1					R.S.F.O. N6-2 BARBER CREEK
1719+75 LT		N6-2	30 x 18	IV	IV							5-0		3.8(IV)									1					R.S.F.O. N6-2 BARBER CREEK
1723+30 LT		W14-3	48 x 48 x 36	XI	-							5-0		5.5(XI)									1				FY	R.S.F.O. W14-3
1741+10 RT		W14-3	48 x 48 x 36	XI	-							5-0		5.5(XI)									1				FY	R.S.F.O. W14-3

NOTE:

Where Adopt a Highway sign(s) exist on a project, Contractor will confirm that the group name on the sign(s) currently existing at the time of construction corresponds to the group name on the sign(s) shown in the plans. If name is different, Field Project Manager will contact Traffic and Safety Bureau Signing Section with correct name and a new sign design will be provided.

R.S.F.O.

REPLACE SIGN FACE ONLY

ANY SIGNS NOT SHOWN ON PLANS ARE "USE AS IS".

*

BEHIND GUARDRAIL OR CONCRETE BARRIER RAIL

SIGNS TO BE REPLACE IN EXISTING LOCATIONS UNLESS OTHER WISE NOTED.

FY

TYPE XI FLUORESCENT YELLOW SHEETING REQUIRED.

FYG

TYPE XI FLUORESCENT YELLOW-GREEN SHEETING REQUIRED.

3	MDT MONTANA DEPARTMENT OF TRANSPORTATION	C:\DGN\9500000sisum002.dgn	DESIGNED BY	HAYWARD	9/19	COUNTY		CONDON N & S	STPP 83-1 (41) 32
2		1/2/2020	REVIEWED BY	CORNELL	9/19				
1		2:43:57 PM CPS - U5963	CHECKED BY	ANDREW	10/19	MISSOULA COUNTY		UPN 9500000	S5

AWARD COPY

SIGN LOCATION AND SPECIFICATIONS

STATION	RAMP NO.	SIGN NO.	PANEL SIZE	REFL SHTG TYPE: BACK-GROUND	REFL SHTG TYPE: LEGEND	FEET: CLEARANCE	FEET: SIGN SUPPORT SPACING	TYPE OF SUPPORT	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	BREAK AWAY	SIGNS/GUIDE: REMOVE	SIGNS/GUIDE: RESET	SIGNS/GUIDE: REMOVE	SIGNS/GUIDE: RESET	REMARKS
1744+05 RT		D-3 D-3	30 x 10 30 x 10	IV IV	IV IV							5-0		2.1(IV) 2.1(IV)									1					R.S.F.O. (2) D-3 JETTE RD
		R1-1 -	30 x 30 -	XI -	XI -									5.2(XI) -														R1-1 STOP
1748+80 RT		USFS	USE AS IS																									USE AS IS USFS 561 →
1753+95 RT		R1-1	30 x 30	XI	XI							5-0		5.2(XI)									1					R.S.F.O. R1-1 STOP
1756+00 LT		USFS	USE AS IS																									USE AS IS USFS 561 ←
1760+00 LT		N7--1	USE AS IS																									USE AS IS N7-1
1760+00 RT		N7--1 N7-1P	USE AS IS																									USE AS IS N7-1 N7-1P SWAN VALLEY. AARP
1763+85 RT		D10-2 D10-2	10 x 27 10 x 27	IV IV	IV IV	4-0		2 LBS STL U		10-0		4-0	2-0	1.9(IV) 1.9(IV)								20.0	1					REPLACE (2) D10-2 37
1763+95 LT		D-3 D-3	42 x 10 42 x 10	IV IV	IV IV	6-0		4" DIA POLE		10-10		5-0	3-0	2.9(IV) 2.9(IV)			12						1					REPLACE (2) D-3 MATTHEW LOOP
1769+95 LT		M3-1 M1-5	24 x 12 24 x 24	XI XI	- -							5-0		2.0(XI) 4.0(XI)									1					R.S.F.O. M3-1 NORTH M1-5 MONTANA 83
1770+05 RT		M3-3 M1-5	24 x 12 24 x 24	XI XI	- -							5-0		2.0(XI) 4.0(XI)									1					R.S.F.O. M3-3 SOUTH M1-5 MONTANA 83
1775+60 RT		N6-5	42 x 24	IV	IV							5-0		7.0(IV)									1					R.S.F.O. N6-5 MISSION MTN RANGE
1813+20 RT		USFS	USE AS IS																									USE AS IS USFS 905 ←
1816+80 LT		D10-2 D10-2	10 x 27 10 x 27	IV IV	IV IV	4-0		2 LBS STL U		10-0		4-0	2-0	1.9(IV) 1.9(IV)								20.0	1					REPLACE (2) D10-2 36
1817+45 LT		D-3 D-3	42 x 10 42 x 10	IV IV	IV IV							5-0		2.9(IV) 2.9(IV)									1					R.S.F.O. (2) D-3 BARBER CR RD
		R1-1 -	30 x 30 -	XI -	XI -									5.2(XI) -														R1-1 STOP
1819+85 LT		W11-3 W7-3a	30 x 30 18 x 24	XI XI	- -							5-6		6.3(XI) 3.0(XI)									1					R.S.F.O. W11-3 W7-3a (33 MILES) NEXT 33 MILES
1825+00 LT		USFS	USE AS IS																									USE AS IS USFS 905 →
1827+00 RT		USFS	USE AS IS																									USE AS IS USFS 44 ←
1834+85 LT		W14-3	48 x 48 x 36	XI	-							5-0		5.5(XI)									1				FY	R.S.F.O. W14-3 NO PASSING ZONE
1835+45 RT		D-3 D-3	42 x 10 42 x 10	IV IV	IV IV							5-0		2.9(IV) 2.9(IV)									1					R.S.F.O. (2) D-3 PINE RIDGE RD
		R1-1 -	30 x 30 -	XI -	XI -									5.2(XI) -														R1-1 STOP
1839+90 LT		D-3 D-3	30 x 18 30 x 18	IV IV	IV IV							5-0		3.8(IV) 3.8(IV)									1					R.S.F.O. (2) D-3 HOLLAND LAKE RD
		R1-1 -	30 x 30 -	XI -	XI -									5.2(XI) -														R1-1 STOP
1841+70 RT		N6-2	36 x 18	IV	IV	10-0		4" DIA POLE		11-6		5-0	3-0	4.5(IV)			12						1					REPLACE N6-2 HOLLAND CREEK
1841+80 LT		N6-2	36 x 18	IV	IV							5-0		4.5(IV)									1					R.S.F.O. N6-2 HOLLAND CREEK

NOTE:

Where Adopt a Highway sign(s) exist on a project, Contractor will confirm that the group name on the sign(s) currently existing at the time of construction corresponds to the group name on the sign(s) shown in the plans. If name is different, Field Project Manager will contact Traffic and Safety Bureau Signing Section with correct name and a new sign design will be provided.

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REPLACE SIGN FACE ONLY

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FY

TYPE XI FLUORESCENT YELLOW SHEETING REQUIRED.

3	MDT MONTANA DEPARTMENT OF TRANSPORTATION	C:\DGN\9500000sisum002.dgn	DESIGNED BY	HAYWARD	9/19	COUNTY		CONDON N & S / STPP 83-1 (41) 32
2		1/2/2020	REVIEWED BY	CORNELL	9/19	MISSOULA COUNTY		UPN 9500000 / S6
1		2:44:01 PM CPS - U5963	CHECKED BY	ANDREW	10/19			

AWARD COPY

SIGN LOCATION AND SPECIFICATIONS

STATION		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	BREAK AWAY	SIGNS/GUIDE: REMOVE	SIGNS/GUIDE: RESET	SIGNS/GUIDE: REMOVE	SIGNS/GUIDE: RESET	REMARKS
1853+80 LT		USFS	USE AS IS																									USE AS IS USFS
																												44
1862+45 RT		W14-3	48 x 48 x 36	XI	-							5-0		5.5(XI)									1				FY	R.S.F.O. W14-3
1869+40 LT		D10-2 D10-2	10 x 27 10 x 27	IV IV	IV IV	4-0		2 LBS STL U		10-0		4-0	2-0	1.9(IV) 1.9(IV)								20.0	1					REPLACE (2) D10-2
1869+50 LT		N7--1 N7-1P	USE AS IS																									USE AS IS N7-1 N7-1P SWAN VALLEY AARP
1869+50 RT		N7--1 N7-1P	USE AS IS																									USE AS IS N7-1 N7-1P HUNGRY BEAR STEAK HOUSE
1881+40 RT		D7-4L	48 x 48 x 36	IV	IV	10-0		4" DIA POLE		13-0		5-0	3-0	9.8(IV)			14											NEW D7-4L
1882+90 LT		HISTORIC MARKER	USE AS IS																									USE AS IS HISTORIC MARKER
1884+40 RT		D7-4R	48 x 48 x 36	IV	IV	10-0		4" DIA POLE		13-0		5-0	3-0	9.8(IV)			14											NEW D7-4R
1899+80 RT		USFS	USE AS IS																									USE AS IS USFS
																												79
1902+15 LT		W14-3	48 x 48 x 36	XI	-							5-0		5.5(XI)									1				FY	R.S.F.O. W14-3
1906+90 RT		D-3 D-3	36 x 18 36 x 18	IV IV	IV IV							5-0		4.5(IV) 4.5(IV)									1					R.S.F.O. (2) D-3 LINBERGH LAKE RD
		R1-1 -	30 x 30 -	XI -	XI -									5.2(XI) -														R1-1 STOP
1914+80 RT		IS12-13	60 x 42	IV	IV							7-0			17.5(IV)									1				R.S.F.O. IS12-13 CHAIN UP AREA 1/2 MILE
1915+10 LT		W14-3	48 x 48 x 36	XI	-							5-0		5.5(XI)									1				FY	R.S.F.O. W14-3
1915+10 RT		W14-3	48 x 48 x 36	XI	-							5-0		5.5(XI)									1				FY	R.S.F.O. W14-3
1922+15 LT		D10-2 D10-2	10 x 27 10 x 27	IV IV	IV IV	4-0		2 LBS STL U		10-0		4-0	2-0	1.9(IV) 1.9(IV)								20.0	1					REPLACE (2) D10-2
1925+70 RT		R16-1c R16-1d	78 x 30 78 x 30	XI XI	- -							7-0			16.3(XI) 16.3(XI)									1				R.S.F.O. (HINGED) R16-1c CHAINS REQUIRED R16-1d FOR TOWING UNITS
1937+75 RT		W14-3	48 x 48 x 36	XI	-							5-0		5.5(XI)									1				FY	R.S.F.O. W14-3
1940+05 RT		IS12-12	60 x 30	IV	IV							7-0			12.5(IV)									1				R.S.F.O. IS12-12 CHAIN UP AREA
1940+60 RT		W23-1	36 x 36	XI	-							5-0		9.0(XI)									1					R.S.F.O. (HINGED) W23-1
1946+15 RT		W8-12a	36 x 36	XI	-							5-0		9.0(XI)									1					R.S.F.O. (HINGED) W8-12a
1963+30 LT		W14-3	48 x 48 x 36	XI	-							5-0		5.5(XI)									1				FY	R.S.F.O. W14-3
1975+00 LT		D10-2 D10-2	10 x 27 10 x 27	IV IV	IV IV	4-0		2 LBS STL U		10-0		4-0	2-0	1.9(IV) 1.9(IV)								20.0	1					REPLACE (2) D10-2
1975+05 LT		N7--1 N7-1P	USE AS IS																									USE AS IS N7-1 N7-1P HUNGRY BEAR STEAK HOUSE
1975+05 RT		N7--1 N7-1P	USE AS IS																									USE AS IS N7-1 N7-1P DREAM TEAM
1979+05 RT		USFS	USE AS IS																									USE AS IS USFS
																												9558
1984+05 LT		R1-1	30 x 30	XI	XI	6-0		4" DIA POLE		11-9		5-0	3-0	5.2(XI)			12											NEW R1-1 STOP

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FY

TYPE XI FLUORESCENT YELLOW SHEETING REQUIRED.

3	MDT MONTANA DEPARTMENT OF TRANSPORTATION	C:\DGN\9500000sisum003.dgn	DESIGNED BY	HAYWARD	9/19	COUNTY	CONDON N & S / STPP 83-1 (41) 32
2		1/2/2020	REVIEWED BY	CORNELL	9/19	MISSOULA COUNTY	UPN 9500000 / S7
1		2:44:10 PM CPS - U5963	CHECKED BY	ANDREW	10/19		

AWARD COPY

SIGN LOCATION AND SPECIFICATIONS

		SIGN NO.	PANEL SIZE	REFL SHTG TYPE: BACK-GROUND	REFL SHTG TYPE: LEGEND	FEET: CLEARANCE	FEET: SIGN SUPPORT SPACING	TYPE OF SUPPORT	CANTILEVER	FEET: SUPPORT LENGTH (ESTIMATED)	FEET: SUPPORT LENGTH (INSTALLED)	FEET: MOUNTING HEIGHT	FEET: FOUNDATION DEPTH	SIGN PANEL (SQ. FT.): SHEET ALUMINUM	SIGN PANEL (SQ. FT.): ALUMINUM SHEET INCREMENT	SIGN PANEL (SQ. FT.): ALUMINUM SHEET OVERLAY	TIMBER POLE (LINEAR FT.): 4" TOP DIA.	TIMBER POLE (LINEAR FT.): 5" TOP DIA.	STEEL POST(LBS.): ROUND TUBULAR	STEEL POST(LBS.): SQUARE TUBULAR	STEEL POST(LBS.): STRUCTURAL STEEL	STEEL POST(LBS.): "U" POST	BREAK AWAY	SIGNS/GUIDE: REMOVE	SIGNS/GUIDE: RESET	SIGNS/GUIDE: REMOVE	SIGNS/GUIDE: RESET	REMARKS
1987+50 LT		USFS	USE AS IS																									USE AS IS — USFS
																												9558
1987+50 RT		W1-2L W13-1	USE AS IS																									USE AS IS — W1-2L — W13-1 (55)
1992+68 RT		W1-8 W1-8	USE AS IS																									USE AS IS — (2) W1-8
1993+68 RT		W1-8 W1-8	USE AS IS																									USE AS IS — (2) W1-8
1992+68 RT		W1-8 W1-8	USE AS IS																									USE AS IS — (2) W1-8
1992+68 RT		W1-8 W1-8	USE AS IS																									USE AS IS — (2) W1-8
1992+68 RT		W1-8 W1-8	USE AS IS																									USE AS IS — (2) W1-8
1992+68 RT		W1-8 W1-8	USE AS IS																									USE AS IS — (2) W1-8
1992+68 RT		W1-8 W1-8	USE AS IS																									USE AS IS — (2) W1-8
1992+68 RT		W1-8 W1-8	USE AS IS																									USE AS IS — (2) W1-8
2004+17 LT		W1-2R W13-1	USE AS IS																									USE AS IS — W1-2R — W13-1 (55)
2041+50		W1-4L W13-1	USE AS IS																									USE AS IS — W1-4L — W13-1 (55)
2016+45 RT		S3-1a	30 x 30	XI	-							5-0		6.3(XI)									1				FYG	R.S.F.O. — S3-1a
2020+45 LT		D-3 D-3	42 x 10 42 x 10	IV IV	IV IV							6-0		2.9(IV) 2.9(IV)									1					R.S.F.O. — (2) D-3 — HEADWATERS LN
2027+10 RT		D-3 D-3	42 x 10 42 x 10	IV IV	IV IV	6-0		4" DIA POLE		10-10		6-0	3-0	2.9(IV) 2.9(IV)			12						1					REPLACE — (2) D-3 — OLD BARN RD
2027+85 LT		D10-2 D10-2	10 x 27 10 x 27	IV IV	IV IV	4-0		2 LBS STL U		10-0		4-0	2-0	1.9(IV) 1.9(IV)								20.0	1					REPLACE — (2) D10-2
2033+70 LT		S3-1a	30 x 30	XI	-							5-0		6.3(XI)									1				FYG	R.S.F.O. — S3-1a
2045+30 RT		D99-9	48 x 30	IV	IV							5-0		10.0(IV)									1					R.S.F.O. — D99-9 — CELL PHONE PULL OUT 1/4 MILE
2047+00 LT		W11-4	30 x 30	XI	-							5-0		6.3(XI)									1					R.S.F.O. — W11-4
2049+90 RT		USFS	USE AS IS																									USE AS IS — USFS
																												906
2051+80 RT		USFS	USE AS IS																									USE AS IS — USFS — LOLO National Forests
2053+30 LT		USFS	USE AS IS																									USE AS IS — USFS — BE BEAR AWARE FOOD & GARBAGE STORAGE REQUIRED
TOTALS														322.8(IV) 369.1(XI)	114.8(IV) 32.6(XI)		232					320	102		7			

R.S.F.O.

REPLACE SIGN FACE ONLY

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FYG

TYPE XI FLUORESCENT YELLOW-GREEN SHEETING REQUIRED.

FY

TYPE XI FLUORESCENT YELLOW SHEETING REQUIRED.

DELINEATION TABLE		
	DESIGN "A"	
	DESIGN "B"	
	DESIGN "C"	
	DESIGN "D"	
	DESIGN "E"	
	DESIGN "F"	
	DESIGN "G"	
	DESIGN "H"	
	DESIGN "J"	
	DESIGN "BJ"	
	DESIGN "GJ"	
	White FLEX DRIVE "A"	576
	Yellow FLEX DRIVE "D"	52

3	MDT MONTANA DEPARTMENT OF TRANSPORTATION	C:\DGN\9500000sisum003.dgn	DESIGNED BY	HAYWARD	9/19	COUNTY	
2		1/2/2020	REVIEWED BY	CORNELL	9/19	MISSOULA COUNTY	CONDON N & S — STPP 83-1 (41) 32
1		2:44:14 PM CPS - U5963	CHECKED BY	ANDREW	10/19		UPN 9500000 — S8