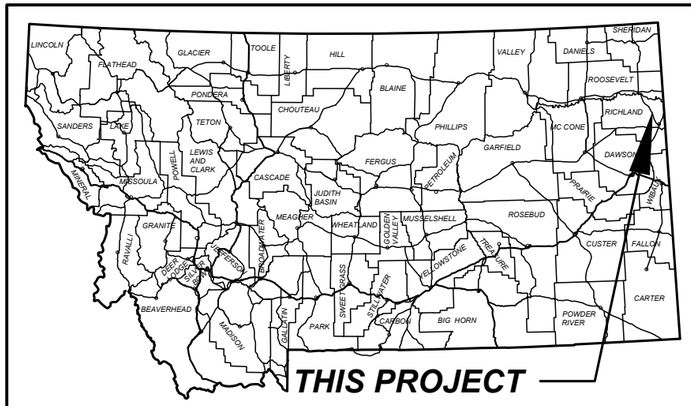
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MONTANA DEPARTMENT OF TRANSPORTATION

FEDERAL AID PROJECT NH 62-2(31)21

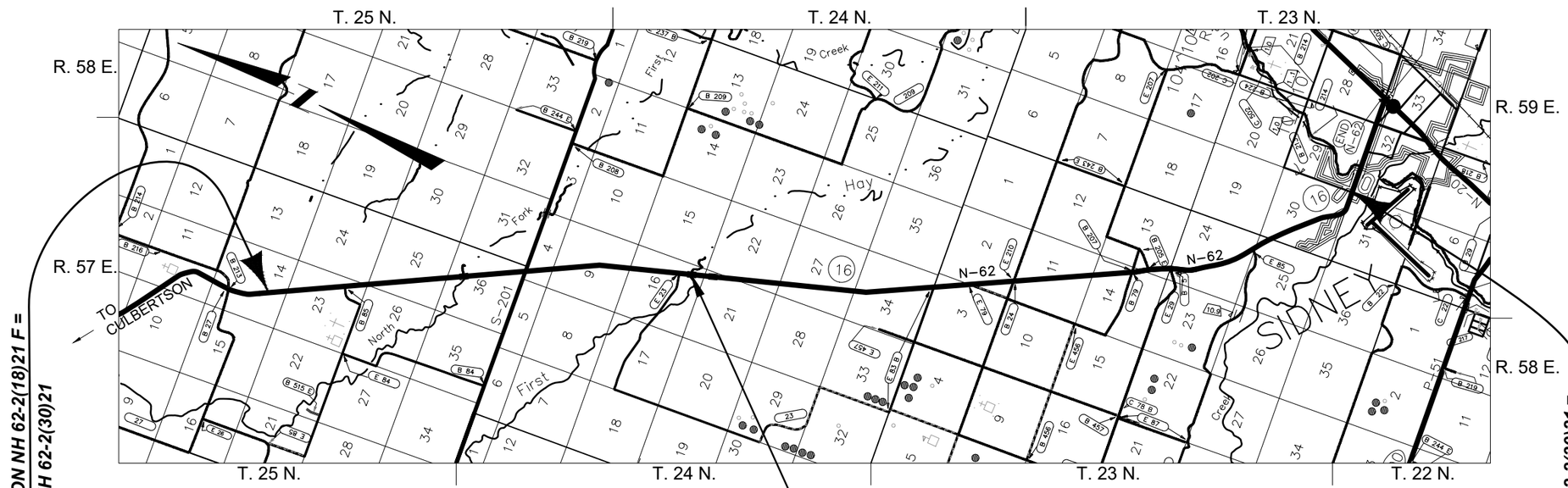
SEAL & COVER

SIOUX PASS - SOUTH

RICHLAND COUNTY

LENGTH 15.4 MILES

SURFACING SOURCES-
CONTRACTOR FURNISHED



NBI P00062027+02761
MDT STRUCTURE ID: 06143
STA. 568+18.94
41'-8 ½" X 105'-0" BR. IN PL.
(NOT THIS CONTRACT)

STA. 270+03.17(METRIC) ON NH 62-2(18)21 F =
STA. 885+93.08 END ON NH 62-2(30)21

STA. 74+59.77 BEGIN NH62-2(30)21 =
STA. 22+73.74(METRIC) ON NH 62-2(17)27 F

RP 36.6 TO RP 21.1

THIS CONTRACT

SHEET NO.
1

PROJECT NAME	SIOUX PASS - SOUTH
COUNTY	RICHLAND
PROJECT ID	NH 62-2(31)21
UPN	10225000

CHECKED BY	J. FLEMING	8/24/2023
REVIEWED BY	####	####
DESIGNED BY	B. FRANK	2/21/23

MONTANA
Department of Transportation

ROAD DESIGN

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ROAD PLANS	SHEET NO.
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NOTES

BASIS OF PLAN QUANTITIES

(QUANTITIES FOR ESTIMATING PURPOSES ONLY)

SEAL	= 0.42 GAL. PER SQ.YARD
COVER	= 25 LBS. PER SQ.YARD
BITUMINOUS MATERIAL	= 8.5 LBS. PER GAL.

UTILITIES

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

WETLANDS

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

AS-BUILTS

FOR HORIZONTAL ALIGNMENT STATIONING, REFER TO THE FOLLOWING "AS-BUILT" PROJECT(S):
NH 62-2(17)27F (2005)
NH 62-2(18)21F (2004)

STATIONING

STATIONING INCREASES SOUTH TO NORTH
RPS INCREASE NORTH TO SOUTH

SHEET NO.
2

NOTES

PROJECT NAME: SIOUX PASS - SOUTH
COUNTY: RICHLAND
PROJECT ID: NH 62-2(31)21
UPN: 10225000

MONTANA
Department of Transportation
ROAD DESIGN

CHECKED BY	####	
REVIEWED BY	####	
DESIGNED BY	B. FRAVK	2/21/23

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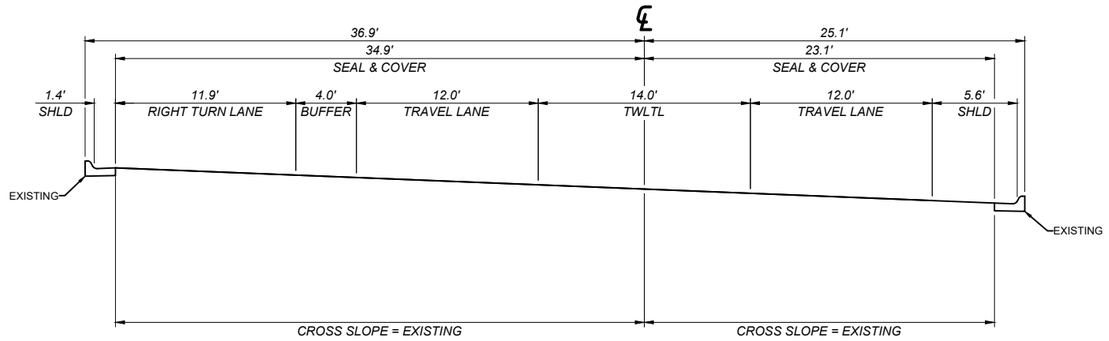
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TYPICAL SECTION NO. 1

MAINLINE

74+59.77 TO 77+41.90
77+41.90 TO 80+25.36 TRANS. TYP. NO. 1 TO NO. 2

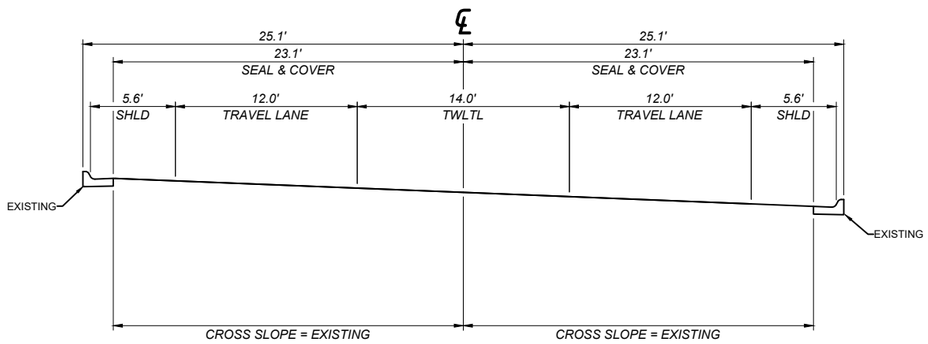


QUANTITIES			
UNIT	AGGREGATE COVER	UNIT	BIT. MAT. SEAL
AREA square feet		square yards PER STATION	644
cubic yards PER STATION		tons PER STATION	1.15
tons PER STATION		gals. PER STATION	
square yards PER STATION	644		

TYPICAL SECTION NO. 2

MAINLINE

80+25.36 TO 102+60.37
102+60.37 TO 104+72.97 TRANS. TYP. NO. 2 TO NO. 3



QUANTITIES			
UNIT	AGGREGATE COVER	UNIT	BIT. MAT. SEAL
AREA square feet		square yards PER STATION	513
cubic yards PER STATION		tons PER STATION	0.92
tons PER STATION		gals. PER STATION	
square yards PER STATION	513		

SHEET NO. 3

TYPICAL SECTIONS

PROJECT NAME: SIOUX PASS - SOUTH
COUNTY: RICHLAND
PROJECT ID: NH 62-2(31)21
UPN: 10225000

CHECKED BY	####	
REVIEWED BY	####	
DESIGNED BY	B. FRANK	2/21/23

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MONTANA Department of Transportation

ROAD DESIGN

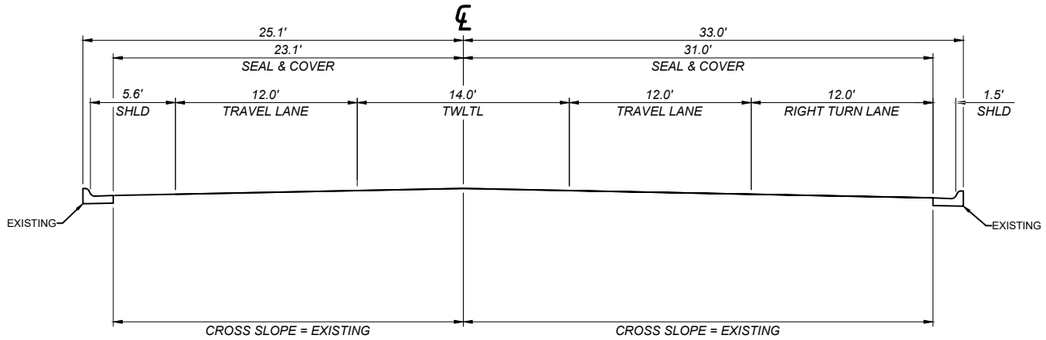
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104+72.97 TO 119+39.14
119+39.14 TO 120+84.38 TRANS. TYP. NO. 3 TO NO. 4

TYPICAL SECTION NO. 3

MAINLINE

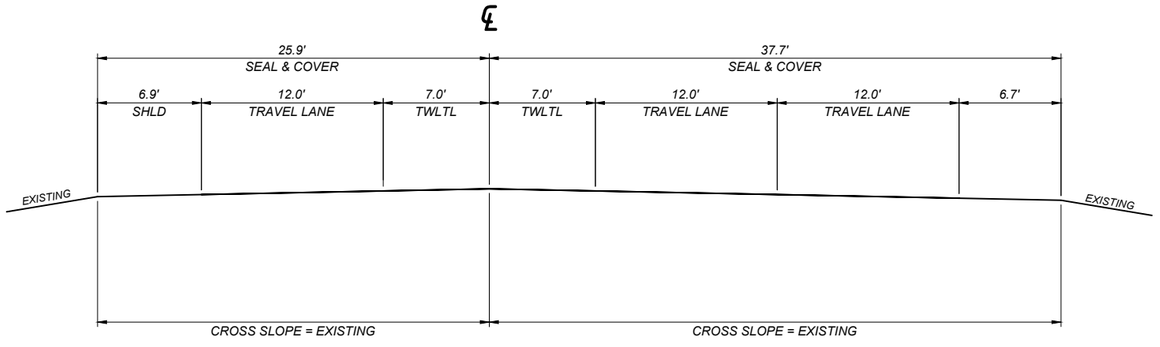


QUANTITIES			
UNIT	AGGREGATE COVER	UNIT	BIT. MAT. SEAL
AREA square feet cubic yards PER STATION tons PER STATION square yards PER STATION	 601	square yards PER STATION tons PER STATION gals. PER STATION	601 1.07

120+84.38 TO 154+19.95
154+19.95 TO 159+02.23 TRANS. TYP. NO. 4 TO NO. 5

TYPICAL SECTION NO. 4

MAINLINE



QUANTITIES			
UNIT	AGGREGATE COVER	UNIT	BIT. MAT. SEAL
AREA square feet cubic yards PER STATION tons PER STATION square yards PER STATION	 707	square yards PER STATION tons PER STATION gals. PER STATION	707 1.26

SHEET NO. 4

TYPICAL SECTIONS

PROJECT NAME: SIOUX PASS - SOUTH
COUNTY: RICHLAND
PROJECT ID: NH 62-2(31)21
UPN: 10225000

	CHECKED BY	####	####
	REVIEWED BY	####	####
	DESIGNED BY	B. FRANK	2/21/23

10225000RDTYP001.DWG

MONTANA Department of Transportation

ROAD DESIGN

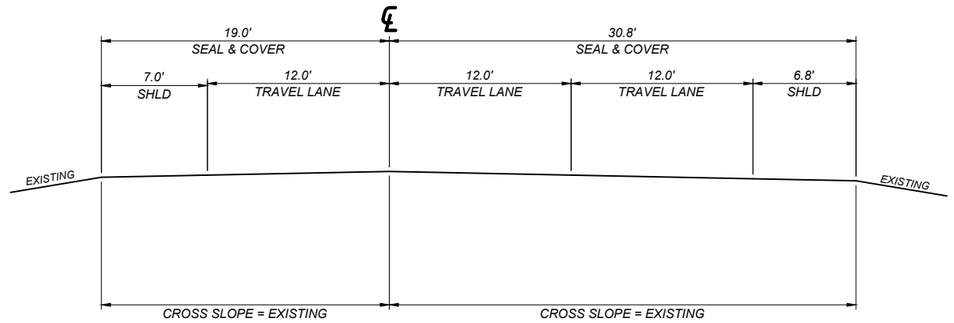
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TYPICAL SECTION NO. 5

MAINLINE

159+02.23 ONLY
159+02.23 TO 167+29.00 TRANS. TYP. NO. 5 TO NO. 6

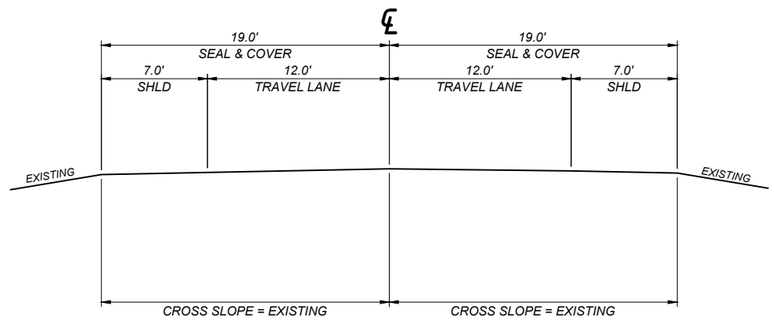


QUANTITIES			
UNIT	AGGREGATE COVER	UNIT	BIT. MAT. SEAL
AREA square feet		square yards PER STATION	553
cubic yards PER STATION		tons PER STATION	0.99
tons PER STATION		gals. PER STATION	
square yards PER STATION	553		

TYPICAL SECTION NO. 6

MAINLINE

167+29.00 TO 567+53.61 B.E.
568+58.60 B.E. TO 885+93.08



QUANTITIES			
UNIT	AGGREGATE COVER	UNIT	BIT. MAT. SEAL
AREA square feet		square yards PER STATION	422
cubic yards PER STATION		tons PER STATION	0.75
tons PER STATION		gals. PER STATION	
square yards PER STATION	422		

SHEET NO. 5

TYPICAL SECTIONS

PROJECT NAME: SIOUX PASS - SOUTH
COUNTY: RICHLAND
PROJECT ID: NH 62-2(31)21
UPN: 10225000

CHECKED BY	####	
REVIEWED BY	####	
DESIGNED BY	B. FRANK	2/21/23

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MONTANA Department of Transportation
ROAD DESIGN
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SURFACING

STATION FROM	STATION TO	linear feet GROSS	linear feet NET	linear feet +	linear feet -	FOR	AGGREGATE sq. yards COVER TYPE 1	BIT. MAT. tons EMULSIFIED ASPHALT CHFRS-2P	REMARKS
74+59.77	77+41.90	282.13	282.13				1,817	3.2	TYP. 1
77+41.90	80+25.36	283.46	283.46				1,640	2.9	TRANS. TYP. 1 TO TYP. 2
80+25.36	102+60.37	2,235.01	2,235.01				11,466	20.6	TYP. 2
102+60.37	104+72.97	212.60	212.60				1,184	2.1	TRANS. TYP. 2 TO TYP. 3
104+72.97	119+39.14	1,466.17	1,466.17				8,812	15.7	TYP. 3
119+39.14	120+84.38	145.24	145.24				950	1.7	TRANS. TYP. 3 TO TYP. 4
120+84.38	154+19.95	3,335.57	3,335.57				23,583	42.0	TYP. 4
154+19.95	159+02.23	482.28	482.28				3,038	5.4	TRANS. TYP. 4 TO TYP. 5
159+02.23	167+29.00	826.77	826.77				4,031	7.2	TRANS. TYP. 5 TO TYP. 6
167+29.00	567+53.61 B.E	40,024.61	40,024.61				168,904	300.2	TYP. 6
567+53.61 B.E.	568+58.60 B.E.	104.99	0.00		104.99	BRIDGE			
568+58.60 B.E.	885+93.08	31,734.48	31,734.48				133,920	238.0	TYP. 6
TOTAL		**81,133.31**	**81,028.32**	**0.00**	**104.99**		**359,344**	**639.0**	

PAVEMENT MARKINGS

ITEM	UNIT	INTERIM APPLICA-TION	FINAL APPLICA-TION	TOTAL
STRIPING - WHITE PAINT	gallon	565		565
STRIPING - YELLOW PAINT	gallon	216		216
WORDS & SYMBOLS - WHITE PAINT	gallon	24		24
WORDS & SYMBOLS - YELLOW PAINT	gallon	2		2
STRIPING - WHITE EPOXY	gallon		753	753
STRIPING - YELLOW EPOXY	gallon		288	288
WORDS & SYMBOLS - WHITE EPOXY	gallon		32	32
WORDS & SYMBOLS - YELLOW EPOXY	gallon		3	3
YELLOW CURB EPOXY	gallon		20	20
FINAL SWEEP AND BROOM	course mile			**15.4**

SHEET NO. 6

SUMMARY

PROJECT NAME: SIOUX PASS - SOUTH
COUNTY: RICHLAND
PROJECT ID: NH 62-2(31)21
UPN: 10225000

CHECKED BY	####	
REVIEWED BY	####	
DESIGNED BY	B. FRANK	2/21/23

10225000RDSUM001.DWG

MONTANA Department of Transportation

ROAD DESIGN

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