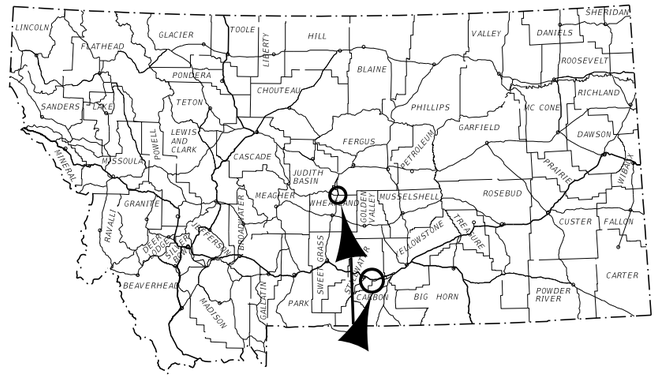
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MONTANA DEPARTMENT OF TRANSPORTATION

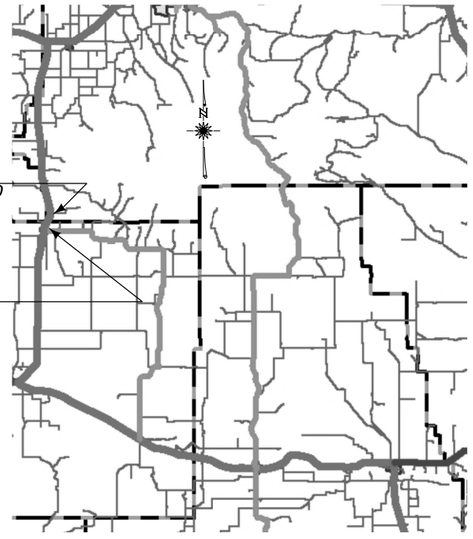
TABLE OF CONTENTS

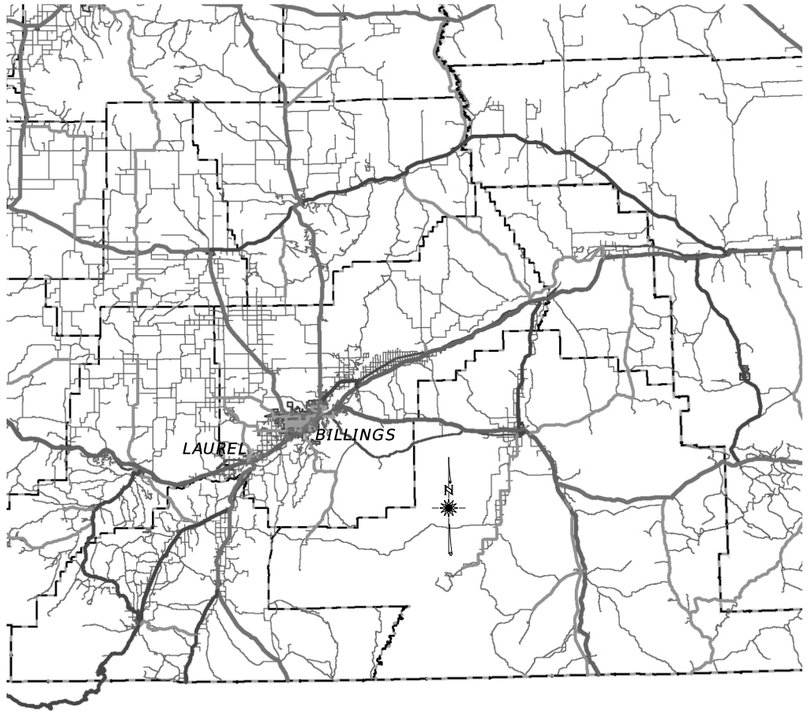
S1-Title Sheet / T.O.C.
S2-Summary Sheet
S3-Spec Sheet

FEDERAL AID PROJECT HSIP STWD(682)
HSIP PROGRAM JOC - BILLINGS
ROADWAY & ROADSIDE SAFETY IMPROV.
MULTIPLE COUNTIES

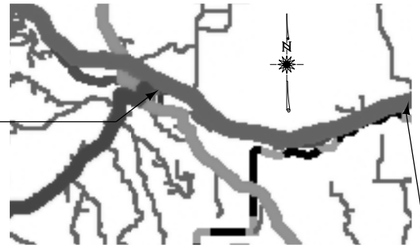
LENGTH N/A MILES

SITE 1





SITE 2



MONTANA
DEPARTMENT OF TRANSPORTATION

MALCOLM "MACK" LONG
DIRECTOR OF TRANSPORTATION

APPROVED BY:

TRAFFIC AND SAFETY ENGINEER

MONTANA
GABE B. PRIEBE
13957PE
LICENSED PROFESSIONAL ENGINEER

DocuSigned by:
Gabe Priebe
4895FFA73587466...

10/19/2021
DATE

3	MDT MONTANA DEPARTMENT OF TRANSPORTATION	C:\DGN\9670000sitt001.dgn	DESIGNED BY	N.J. THOLT	02/2021	SIGNING PLANS	HSIP PROGRAM JOC - BILLINGS	HSIP STWD(682)
2		8/31/2021	REVIEWED BY	N. STYREN	02/2021	MULTIPLE COUNTIES	UPN 9670000	S1
1		1:53:12 PM CPS - U0295	CHECKED BY	N. STYREN	02/2021			

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SUMMARY
SIGNING & DELINEATION QUANTITIES

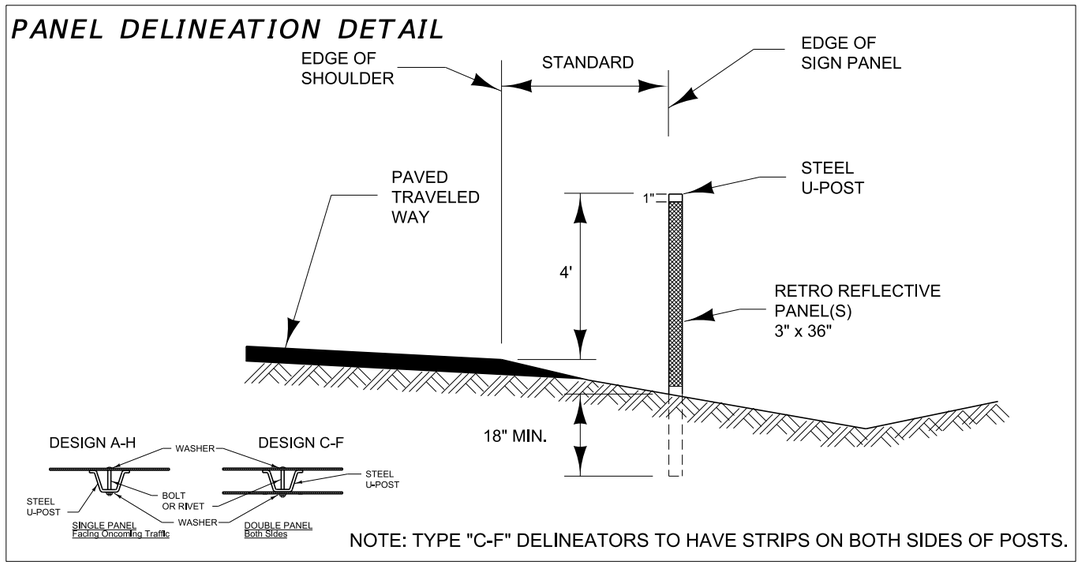
MATERIAL	Site #1 N-63/US 191 RP 18.4-20.3	SITE #2 FOR QUANTITIES SEE SPECIAL PROVISION I-90 RP 408.9-426.6	TOTAL	UNIT
SIGNS-ALUM REFL SHEET IV				SQ. FOOT
SIGNS-ALUM REFL SHEET XI				SQ. FOOT
SIGNS-ALUM SHEET INCR IV				SQ. FOOT
SIGNS-ALUM SHEET INCR XI				SQ. FOOT
OVERLAY-SHEET ALUMINUM				SQ. FOOT
POSTS-STEEL U SIGN				POUNDS
POLES-TREATED WOOD 4 IN				LINEAR FT.
POLES-TREATED WOOD 5 IN				LINEAR FT.
PANEL DELINEATOR DES A	62		62	EACH
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
PANEL DELINEATOR DES H				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	2		2	EACH
DELINEATOR DES E				EACH
DELINEATOR DES F				EACH
DELINEATOR DES G				EACH
DELINEATOR DES H				EACH
REMOVE SIGNS				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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FOR SITE #1

PANEL DELINEATION DETAIL



NOTE: TYPE "C-F" DELINEATORS TO HAVE STRIPS ON BOTH SIDES OF POSTS.

NOTES:

FURNISH RETRO-REFLECTIVE SHEETING ACCORDING TO THE STANDARD SPECIFICATIONS FOR RETRO-REFLECTIVE SHEETING IV (HIGH INTENSITY). POSITION DELINEATOR FACES PERPENDICULAR TO THE TANGENT TO CURVE CENTERLINE.

MOUNT PANEL DELINEATOR ON METAL U-POSTS (1.12 LB./FT. MIN. AND 2 LB./FT. MAX.).

PLACE DELINEATORS AT A CONSTANT CLEARANCE DISTANCE FROM THE EDGE OF THE PAVEMENT EXCEPT WHERE GUARDRAIL OR OTHER OBSTRUCTIONS INTERFERE. ALIGN THE DELINEATORS WITH THE INSIDE EDGE OF THE OBSTRUCTION. CLEARANCE FOR DELINEATORS IS 6'-0" ON INTERSTATE HIGHWAYS, 4'-0" ON PRIMARY AND SECONDARY HIGHWAYS OR AS DETERMINED BY THE ENGINEER. THE STANDARD MOUNTING HEIGHT IS 4'-0" TO THE TOP OF THE POST. SUPPLY POST LENGTHS TO MAINTAIN THE PROPER MOUNTING HEIGHT AND A MINIMUM OF 18" EMBEDMENT.

SPACE DELINEATORS ACCORDING TO DETAILED DRAWING 619-36. UNDER NORMAL SPACING, SHOULD A DELINEATOR FALL WITHIN A CROSSROAD OR APPROACH, IT MAY BE MOVED IN EITHER DIRECTION A DISTANCE NOT TO EXCEED ONE QUARTER OF THE NORMAL SPACING. ELIMINATE DELINEATORS STILL FALLING IN SUCH AREAS.

MOUNT THE DELINEATOR PANEL(S) 1" BELOW THE TOP OF THE METAL U-POST.