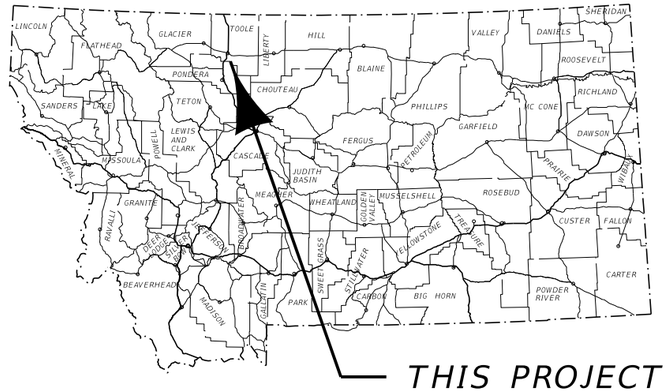
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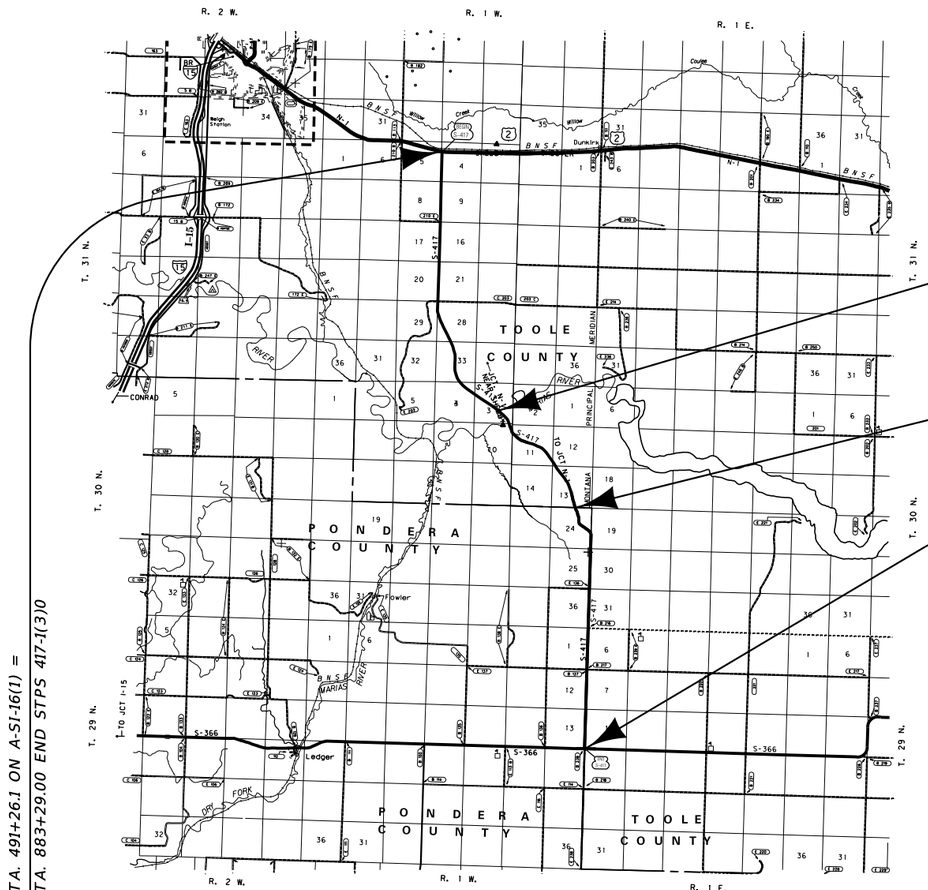
MONTANA DEPARTMENT OF TRANSPORTATION

FEDERAL AID PROJECT STPS 417-1(3)0
SCRUB SEAL, FOG SEAL, BRIDGE DECK REPAIR
JCT US 2-SOUTH (S-417)
PONDERA & TOOLE COUNTIES

PROJECT DESIGN DATA		
PRESENT 2022	A.D.T. =	80
LETTING 2023	A.D.T. =	85
DESIGN 2044	A.D.T. =	170
	D.H.V. =	30
	TRUCKS =	23.8%
	V. =	50-60 mph
	18 KIP ESAL'S =	14
	GROWTH RATE =	3.5%

LENGTH 16.5 MILES

SURFACING SOURCES -
CONTRACTOR FURNISHED



STA. 507+47.60
26' X 455' BRIDGE IN PL.
NBI STRUCTURE ID S00417007+01001
MDT STRUCTURE ID 06772
CLASS A DECK REPAIR
POLYMER OVERLAY

STA. 335+40.30 COUNTY LINE

STA. 491+26.1 ON A-SI-16(1) =
STA. 883+29.00 END STPS 417-1(3)0

STA. 10+00.00 BEGIN STPS 417-1(3)0
STA. 0+00 ON A-SI-16(1) =

RP 0.0 TO RP 16.5

THIS CONTRACT

RELATED PROJECTS
STPS 534-1 (8)23

3	MONTANA Department of Transportation	C:\DGN\10289000rdttl001.dgn	DESIGNED BY	R. KUNDA	3/6/2023
2		4/12/2023	REVIEWED BY	R. SNYDER	3/6/2023
		1:04:51 PM CPS - U1716	CHECKED BY	J. SABOL	3/8/2023

ROAD PLANS

UPN 1028900

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ROAD PLANS	SHEET NO.
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SUMMARY	S1
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DETAILS	S6 - S7

NOTES

BASIS OF PLAN QUANTITIES

(QUANTITIES FOR ESTIMATING PURPOSES ONLY)

BITUMINOUS MATERIAL	= 8.5 LBS. PER GAL.
SCRUB SEAL EMULTION	= 0.42 GAL. PER SQ.YARD
COVER (SCRUB SEAL)	= 25 LBS. PER SQ.YARD
EMULSIFIED ASPHALT – FOG SEAL (S & C)	= 0.075 GAL. PER SQ.YARD (UNDILUTED)

WETLANDS

WETLANDS MAY EXIST ADJACENT TO THE ROADWAY AND MAY EXIST 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 IS THE RESPONSIBILITY OF THE CONTRACTOR.

AS BUILTS

ASI-16(1)
RTS 417-1(1)

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.

LINEAR DATA

LENGTH OF ROADWAY IN PONDERA COUNTY	2 LANE RURAL	32,540.30 ft
LENGTH OF ROADWAY IN TOOLE COUNTY	2 LANE RURAL	54,338.70 ft
LENGTH OF BRIDGE IN TOOLE COUNTY		450.00 ft
TOTAL LENGTH OF STPS 417-1(3)0		87,329.00 ft

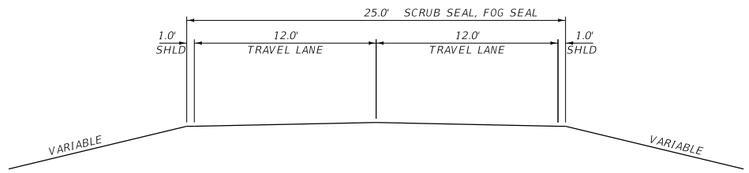
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TYPICAL SECTION NO. 1

MAINLINE

10+00.00 TO 505+20.10 BE
509+75.10 BE TO 883+29.00

℄



QUANTITIES						
UNIT	AGGREGATE		UNIT	BITUMINOUS MATERIAL		
	SCRUB SEAL COVER			SCRUB SEAL EMULSION	FOG SEAL	
AREA square feet			square yards PER STATION	278	278	
cubic yards PER STATION			tons PER STATION	0.50		
tons PER STATION			gals. PER STATION		21	
square yards PER STATION	278					

3	MONTANA Department of Transportation	C:\DGN\10289000rdtyp001.dgn	DESIGNED BY	R. KUNDA	3/6/2023	ROAD PLANS	JCT US 2-SOUTH (S417) / STPS417-1(3)0
2		4/12/2023	REVIEWED BY	R. SNYDER	3/6/2023		
		1:05:04 PM CPS - U1716	CHECKED BY	J. SABOL	3/8/2023	PONDERA & TOOLE COUNTIES	UPN 1028900 / 3

SUMMARY

SURFACING

STATION		linear feet				FOR	AGGREGATE	BITUMINOUS MATERIAL		REMARKS
		GROSS	NET	+	-		sq. yards	tons	gallons	
FROM	TO						SCRUB SEAL COVER TYPE 1	SCRUB SEAL EMULSION	EMULSIFIED ASPHALT FOG SEAL	
10+00.00										
505+20.10 BE	509+75.10 BE				455.00	BRIDGE				
	883+29.00	87,329.00	86,874.00				241,510	434.4	18,243	TYPICAL NO. 1
TOTAL		87,329.00	86,874.00		455.00		241,510	434.4	18,243	

BRIDGE ITEMS

STATION		square yards			REMARKS
		CLASS A DECK REPAIR	POLYMER OVERLAY PRIMER	POLYMER OVERLAY	
FROM	TO				
505+20.10 BE	509+75.10 BE	45	1,315	1,315	MARIAS RIVER
TOTAL		45	1,315	1,315	

PAVEMENT MARKINGS

ITEM	UNIT	INTERIM APPLICATION #	FINAL APPLICATION	TOTAL
STRIPING -WHITE PAINT	gallon	602		602
STRIPING -YELLOW PAINT	gallon	289		289
WORDS & SYMBOLS -WHITE PAINT	gallon	1		1
STRIPING -WHITE EPOXY	gallon		799	799
STRIPING -YELLOW EPOXY	gallon		385	385
WORDS & SYMBOLS -WHITE EPOXY	gallon		1	1

#BASED ON 1 APPLICATIONS.

SUMMARY
SIGNING & DELINEATION QUANTITIES

MATERIAL	Site #1 TOOLE COUNTY	SITE #2 PONDERA COUNTY	TOTAL	UNIT
SIGNS-ALUM REFL SHEET IV				SQ. FOOT
SIGNS-ALUM REFL SHEET XI	368.9	377.3	746.2	SQ. FOOT
SIGNS-ALUM SHEET INCR IV				SQ. FOOT
SIGNS-ALUM SHEET INCR XI	49.0		49.0	SQ. FOOT
OVERLAY-SHEET ALUMINUM				SQ. FOOT
POSTS-STEEL U SIGN	220.0	120.0	340.0	POUNDS
POLES-TREATED WOOD 4 IN	468	486	954	LINEAR FT.
POLES-TREATED WOOD 5 IN	112	48	160	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	200.0		200.0	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	262	276	538	EACH
DELINEATOR DES B				EACH
DELINEATOR DES C				EACH
DELINEATOR DES D	12	14	26	EACH
DELINEATOR DES E				EACH
DELINEATOR DES F	100	100	200	EACH
DELINEATOR DES G				EACH
DELINEATOR DES H				EACH
REMOVE SIGNS	50	45	95	EACH
REMOVE SIGNS-GUIDE	3	1	4	EACH
RESET SIGNS				EACH
RESET SIGNS-GUIDE				EACH
FRANG SIGN POST BKWY-S4X7.7	2		2	EACH
FRANG SIGN POST BKWY-				EACH
SQ TUBLR SLIP BASE BKWY-3 IN				EACH

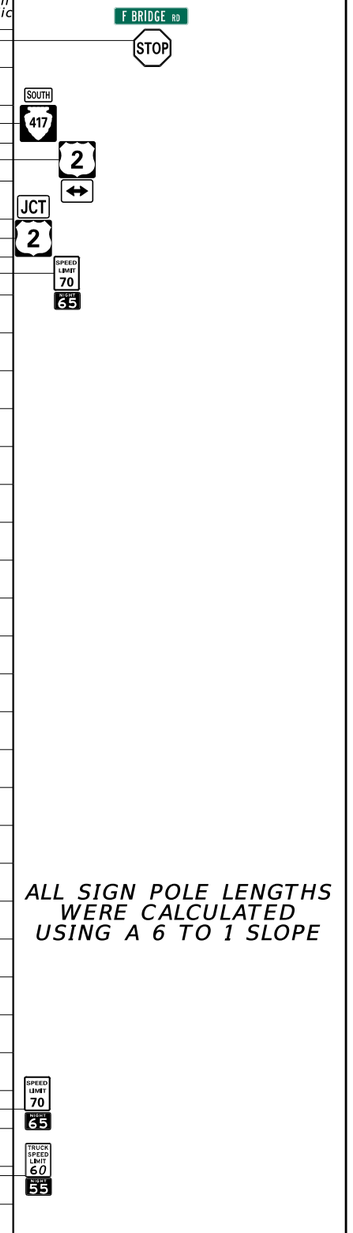
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SIGN LOCATION AND SPECIFICATIONS

■ = FRANGIBLE SIGN POST BREAKAWAY DEVICE REQUIRED.

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

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	ALUMINUM SHEET INCREMENT	ALUMINUM SHEET OVERLAY	TIMBER POLE (LINEAR FT.) 4" TOP DIA.	5" TOP DIA.	STEEL POST(LBS.) ROUND TUBULAR	SQUARE TUBULAR	STRUCTURAL STEEL	"U" POST	BREAKAWAY	SIGNS REMOVE	SIGNS RESET	GUIDE REMOVE	GUIDE RESET	REMARKS
TOOLE COUNTY																											
0.001 MD	G417-0	84X48	X1	X1	20-0	4-2	S4X7.7	X=12-7 Y=13-3			5-0	3-6		28.0						200		■		1			SHELBY / HAVRE Place G417-0 to the left of W1-7a
0.001 MD	W1-7a	72X42	X1	-	15-0	3-8	5" Dia. POLE	X=14-8 Y=15-4			5-0	3-6		21.0			32					X					NEW SIGN Keep W1-7a in line with North bound S417 traffic
0.003 LT	(2)D-3 R1-1	42X10 30X30	X1 X1	X1 X1	6-0		4" Dia. POLE	12-7			5-0	3-0	5.8 5.2			14							1				
1.000 RT	(2)D10-1	10X18	X1	X1	4-0		2LB/FT STL"U"	10-0			4-0	3-0	2.6								20		1				
0.013 RT	M3-3 M1-12=417	24X12 24X24	X1 X1	- -	10-0		4" Dia. POLE	12-11			5-0	3-0	2.0 4.0			14							1				
0.013 LT	M1-4=2 M6-4	24X24 21X15	X1 X1	- -	10-0		4" Dia. POLE	13-2			5-0	3-0	4.0 2.2			14							1				
0.028 RT	OLD FORTS TRAIL	USE AS IS																									
0.173 LT	M2-1 M1-4=2	21X15 24X24	X1 X1	- -	10-0		4" Dia. POLE	13-2			5-0	3-0	2.2 4.0			14							1				
0.208 RT	R2-1=70 R2-3A=65	24X30 24X18	X1 -	- X1	10-0		4" Dia. POLE	12-11			5-7	3-0	5.0 3.0			14							1				
0.273 RT	R2-6=65	24X30	X1	-	10-0		4" Dia. POLE	12-4			5-0	3-0	5.0			14							1				
0.273 LT	W3-1	36X36	X1	-	10-0		5" Dia. POLE	14-8			5-0	3-6	9.0				16					X	1				
1.000 RT	(2)D10-1	10X18	X1	X1	4-0		2LB/FT STL"U"	10-0			4-0	3-0	2.6								20		1				
1.788 RT	D-3=KRAFT D-3=F BRIDGE	REMOVE																					1				
1.799 RT	(2)D-3 (2)D-3	36X10 42X10	X1 X1	X1 X1									5.0 5.8														
	R1-1	30X30	X1	X1	6-0		4" Dia. POLE	13-7			5-0	3-0	5.2			14							1				
2.000 RT	(2)D10-1	10X18	X1	X1	4-0		2LB/FT STL"U"	10-0			4-0	3-0	2.6								20		1				NEW SIGNS
3.000 RT	(2)D10-1	10X18	X1	X1	4-0		2LB/FT STL"U"	10-0			4-0	3-0	2.6								20		1				
3.799 LT	(2)D-3 (2)D-3	36X10 42X10	X1 X1	X1 X1									5.0 5.8														
	R1-1	30X30	X1	X1	6-0		4" Dia. POLE	13-7			5-0	3-0	5.2			14							1				
3.809 RT	(2)D-3 (2)D-3	42X10 42X10	X1 X1	X1 X1									5.8 5.8														
	R1-1	30X30	X1	X1	6-0		4" Dia. POLE	13-7			5-0	3-0	5.2			14							1				
3.809 RT	D-3=FRETHEIM	REMOVE																					1				
3.809 LT	D-3=DOBYNS D-3=F BRIDGE RD	REMOVE																					1				
4.000 RT	(2)D10-1	10X18	X1	X1	4-0		2LB/FT STL"U"	10-0			4-0	3-0	2.6								20		1				
5.000 RT	(2)D10-1	10X18	X1	X1	4-0		2LB/FT STL"U"	10-0			4-0	3-0	2.6								20		1				
5.474 RT	W3-5	36X36	X1	-	10-0		5" Dia. POLE	14-8			5-0	3-6	9.0				16					X	1				
5.525 LT	R2-6=65	24X30	X1	-	10-0		4" Dia. POLE	12-4			5-0	3-0	5.0			14							1				
5.554 RT	R2-1	24X30	X1	-	10-0		4" Dia. POLE	12-4			5-0	3-0	5.0			14							1				
5.554 LT	R2-1=70 R2-3A=65	24X30 24X18	X1 -	- X1	10-0		4" Dia. POLE	12-11			5-7	3-0	5.0 3.0			14							1				
5.579 RT	R2-6=60 R2-3A=55	24X30 24X18	X1 -	- X1	10-0		4" Dia. POLE	12-11			5-7	3-0	5.0 3.0			14							1				



ALL SIGN POLE LENGTHS WERE CALCULATED USING A 6 TO 1 SLOPE

3	MONTANA Department of Transportation	C:\DGN\10289000sisum001.dgn	DESIGNED BY	N.J. THOLT	02/2023	SIGNING PLANS
2		3/24/2023	CHECKED BY	R. SCHROEDER	02/2023	TOOLE/PONDERA COUNTY
1		10:45:09 AM CPS - U0295	REVIEWED BY	R.SCHROEDER	02/2023	

JCT US 2 - SOUTH(S-417)	STPS 417-1(3)0
UPN: 10289000	S2

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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	ALUMINUM SHEET INCREMENT	ALUMINUM SHEET OVERLAY	TIMBER POLE (LINEAR FT.): 4" TOP DIA.	5" TOP DIA.	STEEL POST(LBS.): ROUND TUBULAR	SQUARE TUBULAR	STRUCTURAL STEEL	"U" POST	BREAKAWAY	SIGNS/GUIDE: REMOVE	SIGNS/GUIDE: RESET	REMOVE	RESET	REMARKS
5.634 RT		W7-1	36X36	X1	-	10-0		5" Dia. POLE		14-7		5-0	3-6	9.0				16					X	1					
5.749 RT		W11-3 W7-3aP	30X30 24X18	X1	-	10-0		4" Dia. POLE		14-0		5-7	3-0	6.3 3.0			14							1					
5.924 RT		W8-8 W7-3aP	36X36 24X18	X1 X1	- -	10-0		5" Dia. POLE		15-2		5-7	3-6	9.0 3.0				16					X	1					W7-3aP= NEXT 6 MILES
6.000 RT		(2)D10-1	10X18	X1	X1	4-0		2LB/FT STL"U"		10-0		4-0	3-0	2.6								20		1					
7.000 RT		(2)D10-1	10X18	X1	X1	4-0		2LB/FT STL"U"		10-0		4-0	3-0	2.6								20		1					
7.043 LT RT		(2)OM-3	12X36	X1	-	4-0		2LB/FT STL"U"		10-9		4-0	3-0	6.0								22							
7.069 RT		N6-2	30X18	X1	X1	4-0		4" Dia. POLE		9-5		4-0	3-0	3.8			10							1				BGR	
7.154 LT		N6-2	30X18	X1	X1	4-0		4" Dia. POLE		9-5		4-0	3-0	3.8			10							1				BGR	
7.183 LT RT		(2)OM-3	12X36	X1	-	4-0		2LB/FT STL"U"		10-9		4-0	3-0	6.0								22							
7.294 RT		W1-2R	30X30	X1	-	10-0		4" Dia. POLE		13-5		5-0	3-0	6.3			14							1				FY	
7.334 LT		(2)W1-8	24X30	X1	-	10-0		4" Dia. POLE		12-6		5-0	3-0	10.0			14							1				FY	
7.369 LT		(2)W1-8	24X30	X1	-	10-0		4" Dia. POLE		12-6		5-0	3-0	10.0			14							1				FY	
7.404 LT		(2)W1-8	24X30	X1	-	10-0		4" Dia. POLE		12-6		5-0	3-0	10.0			14							1				FY	
7.429 LT		(2)W1-8	24X30	X1	-	10-0		4" Dia. POLE		12-6		5-0	3-0	10.0			14							1				FY	
7.444 LT		W1-2L	30X30	X1	-	10-0		4" Dia. POLE		13-5		5-0	3-0	6.3			14							1				FY	
7.888 RT		W1-2L W13-1=50	30X30 18X18	X1 X1	- -	10-0		4" Dia. POLE		14-0		5-7	3-0	6.3 2.3			14							1				FY	
7.908 RT		(2)W1-8	24X30	X1	-	10-0		4" Dia. POLE		12-6		5-0	3-0	10.0			14							1				FY	
7.938 RT		(2)W1-8	24X30	X1	-	10-0		4" Dia. POLE		12-6		5-0	3-0	10.0			14							1				FY	
7.973 RT		(2)W1-8	24X30	X1	-	10-0		4" Dia. POLE		12-6		5-0	3-0	10.0			14							1				FY	
8.000 RT		(2)W1-8	24X30	X1	-	10-0		4" Dia. POLE		12-6		5-0	3-0	10.0			14							1				FY	
8.000 RT		(2)D10-1	10X18	X1	X1	4-0		2LB/FT STL"U"		10-0		4-0	3-0	2.6								20		1					
8.030 RT		(2)W1-8	24X30	X1	-	10-0		4" Dia. POLE		12-6		5-0	3-0	10.0			14							1				FY	
8.052 LT		W1-2R W13-1=50	30X30 18X18	X1 X1	- -	10-0		4" Dia. POLE		14-0		5-7	3-0	6.3 2.3			14											FY	NEW SIGN
8.539 RT		W1-2R	30X30	X1	-	10-0		4" Dia. POLE		13-5		5-0	3-0	6.3			14							1				FY	
8.769 LT		W7-1	36X36	X1	-	10-0		5" Dia. POLE		14-7		5-0	3-6	9.0				16					X	1					
8.809 LT		W1-2L	30X30	X1	-	10-0		4" Dia. POLE		13-5		5-0	3-0	6.3			14							1				FY	
9.000 RT		(2)D10-1	10X18	X1	X1	4-0		2LB/FT STL"U"		10-0		4-0	3-0	2.6								20		1					
10.000 RT		(2)D10-2	10X27	X1	X1	4-0		2LB/FT STL"U"		10-0		4-0	3-0	3.8								20		1					
10.350 RT		W1-4L W13-1=40	30X30 18X18	X1 X1	- -	10-0		4" Dia. POLE		14-0		5-7	3-0	6.3 2.3			14							1				FY	
10.374 RT		N6-3A	48X24	X1	X1	20-0		4" Dia. POLE		13-8		5-0	3-0	8.0			14									1		BBR	PONDERA COUNTY
10.374 LT		N6-3B	48X24	X1	X1	20-0		4" Dia. POLE		13-8		5-0	3-0	8.0			14									1		BBR	TOOLE COUNTY

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.

BGR=BEHIND GUARD RAIL

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

ALL SIGN POLE LENGTHS WERE CALCULATED USING A 6 TO 1 SLOPE

3	MONTANA Department of Transportation	C:\DGN\10289000sisum001.dgn	DESIGNED BY	N.J. THOLT	02/2023	SIGNING PLANS	JCT US 2 - SOUTH(S-417) / STPS 417-1(3)0
2		3/24/2023	CHECKED BY	R. SCHROEDER	02/2023	TOOLE/PONDERA COUNTY	UPN: 10289000 / S3
1		10:45:12 AM CPS - U0295	REVIEWED BY	R.SCHROEDER	02/2023		

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/GUIDE: REMOVE	SIGNS/GUIDE: RESET	SIGNS/GUIDE: REMOVE	SIGNS/GUIDE: RESET	REMARKS
PONDERA COUNTY																													
10.395 RT		(2)W1-8	24X30	X1	-	10-0		4" Dia. POLE		12-6		5-0	3-0	10.0			14							1				FY	
10.425 RT		(2)W1-8	24X30	X1	-	10-0		4" Dia. POLE		12-6		5-0	3-0	10.0			14							1				FY	
10.450 RT		(2)W1-8	24X30	X1	-	10-0		4" Dia. POLE		12-6		5-0	3-0	10.0			14							1				FY	
10.469 LT		(2)W1-8	24X30	X1	-	10-0		4" Dia. POLE		12-6		5-0	3-0	10.0			14							1				FY	
10.494 LT		(2)W1-8	24X30	X1	-	10-0		4" Dia. POLE		12-6		5-0	3-0	10.0			14							1				FY	
10.525 LT		(2)W1-8	24X30	X1	-	10-0		4" Dia. POLE		12-6		5-0	3-0	10.0			14							1				FY	
10.560 LT		W1-4L W13-1=40	30X30 18X18	X1 X1	- -	10-0		4" Dia. POLE		14-0		5-7	3-0	6.3 2.3			14							1				FY	
10.674 RT		W1-2L W13-1=40	30X30 18X18	X1 X1	- -	10-0		4" Dia. POLE		14-0		5-7	3-0	6.3 2.3			14							1				FY	
10.709 RT		(2)W1-8	24X30	X1	-	10-0		4" Dia. POLE		12-6		5-0	3-0	10.0			14							1				FY	
10.734 RT		(2)W1-8	24X30	X1	-	10-0		4" Dia. POLE		12-6		5-0	3-0	10.0			14							1				FY	
10.759 RT		(2)W1-8	24X30	X1	-	10-0		4" Dia. POLE		12-6		5-0	3-0	10.0			14							1				FY	
10.799 LT		W1-2R W13-1=40	30X30 18X18	X1 X1	- -	10-0		4" Dia. POLE		14-0		5-7	3-0	6.3 2.3			14							1				FY	
10.899 RT		W1-4L W13-1=40	30X30 18X18	X1 X1	- -	10-0		4" Dia. POLE		14-0		5-7	3-0	6.3 2.3			14							1				FY	
11.000 RT		(2)D10-2	10X27	X1	X1	4-0		2LB/FT STL"U"		10-0		4-0	3-0	3.8									20	1					
11.005 LT		(2)W1-8	24X30	X1	-	10-0		4" Dia. POLE		12-6		5-0	3-0	10.0			14							1				FY	
11.025 LT		W8-8 W7-3aP	36X36 24X18	X1 X1	- -	10-0		5" Dia. POLE		15-2		5-7	3-6	9.0 3.0				16						X 1					
11.040 LT		(2)W1-8	24X30	X1	-	10-0		4" Dia. POLE		12-6		5-0	3-0	10.0			14							1				FY	
11.070 LT		(2)W1-8	24X30	X1	-	10-0		4" Dia. POLE		12-6		5-0	3-0	10.0			14							1				FY	
11.100 LT		(2)W1-8	24X30	X1	-	10-0		4" Dia. POLE		12-6		5-0	3-0	10.0			14							1				FY	
11.135 LT		(2)W1-8	24X30	X1	-	10-0		4" Dia. POLE		12-6		5-0	3-0	10.0			14							1				FY	
11.164 LT		(2)W1-8	24X30	X1	-	10-0		4" Dia. POLE		12-6		5-0	3-0	10.0			14							1				FY	
11.164 LT		N6-3A	48X24	X1	X1	20-0		4" Dia. POLE		13-8		5-0	3-0	8.0			14								1			BBR	PONDERA COUNTY
11.195 LT		(2)W1-8	24X30	X1	-	10-0		4" Dia. POLE		12-6		5-0	3-0	10.0			14							1				FY	
11.220 LT		W1-4L W13-1=40	30X30 18X18	X1 X1	- -	10-0		4" Dia. POLE		14-0		5-7	3-0	6.3 2.3			14							1				FY	
11.265 LT		R2-6=60 R2-3A=55	24X30 24X18	X1 -	- X1	10-0		4" Dia. POLE		12-11		5-7	3-0	5.0 3.0			14							1					
11.295 LT		R2-1	24X30	X1	-	10-0		4" Dia. POLE		12-4		5-0	3-0	5.0			14							1					
11.295 RT		R2-1=70 R2-3A=65	24X30 24X18	X1 -	- X1	10-0		4" Dia. POLE		12-11		5-7	3-0	5.0 3.0			14							1					
11.315 RT		R2-6=65	24X30	X1	-	10-0		4" Dia. POLE		12-4		5-0	3-0	5.0			14							1					
11.359 LT		W3-5	36X36	X1	-	10-0		5" Dia. POLE		14-8		5-0	3-6	9.0				16						X 1					

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.

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



ALL SIGN POLE LENGTHS WERE CALCULATED USING A 6 TO 1 SLOPE

MONTANA
Department of Transportation

C:\DGN\10289000sisum002.dgn	DESIGNED BY	N.J. THOLT 02/2023
3/24/2023	CHECKED BY	R. SCHROEDER 02/2023
10:45:20 AM CPS - U0299	REVIEWED BY	R.SCHROEDER 02/2023

SIGNING PLANS
TOOLE/PONDERA COUNTY

JCT US 2 - SOUTH(S-417) | STPS 417-1(3)0
UPN: 10289000 | S4

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	BREAK AWAY	SIGNS REMOVE	SIGNS RESET	GUIDE REMOVE	GUIDE RESET	REMARKS
11.828 LT		W11-3 W7-3aP	30X30 24X18	X1 X1	- -	10-0		4" Dia. POLE		14-0		5-7	3-0	6.3 3.0			14							1					
12.000 RT		(2)D10-2	10X27	X1	X1	4-0		2LB/FT STL"U"		10-0		4-0	3-0	3.8								20		1					
12.554 RT		(2)D-3 R1-1	30X18 30X30	X1 X1	X1 X1	6-0		4" Dia. POLE		13-4		5-0	3-0	7.6 5.2			14							1					
13.000 RT		(2)D10-2	10X27	X1	X1	4-0		2LB/FT STL"U"		10-0		4-0	3-0	3.8								20		1					
13.549 LT		(2)D-3 R1-1	36X18 30X30	X1 X1	X1 X1	6-0		4" Dia. POLE		13-4		5-0	3-0	9.0 5.2			14							1					
13.564 LT		D-3	REMOVE																					1					D-3=UNION SCHOOL RD
14.000 RT		(2)D10-2	10X27	X1	X1	4-0		2LB/FT STL"U"		10-0		4-0	3-0	3.8								20		1					
14.464 LT		R1-1	30X30	X1	X1	6-0		4" Dia. POLE		11-9		5-0	3-0	5.2			12							1					
14.543 LT		D-3	REMOVE																					1					D-3=F BRIDGE
14.549 LT		(2)D-3 (2)D-3	42X10 42X10	X1 X1	X1 X1									5.8 5.8														
		R1-1	30X30	X1	X1	6-0		4" Dia. POLE		13-7		5-0	3-0	5.2			14							1					
14.559 RT		(2)D-3 R1-1	42X10 30X30	X1 X1	X1 X1	6-0		4" Dia. POLE		12-8		5-0	3-0	5.8 5.2			14							1					
15.000 RT		(2)D10-2	10X27	X1	X1	4-0		2LB/FT STL"U"		10-0		4-0	3-0	3.8								20		1					
16.000 RT		(2)D10-2	10X27	X1	X1	4-0		2LB/FT STL"U"		10-0		4-0	3-0	3.8								20		1					
16.399 RT		W3-4	36X36	X1	-	10-0		5" Dia. POLE		14-8		5-0	3-6	9.0				16					X	1					
16.400 LT		R2-6=65	24X30	X1	-	10-0		4" Dia. POLE		12-4		5-0	3-0	5.0			14							1					
16.465 LT		R2-1=70 R2-3A=65	24X30 24X18	X1 -	- X1	10-0		4" Dia. POLE		12-11		5-7	3-0	5.0 3.0			14							1					
16.530 LT		OLD FORTS TRAIL	USE AS IS																										
16.540 RT		R1-1	30X30	X1	X1	6-0		4" Dia. POLE		11-9		5-0	3-0	5.2			12							1					
TOOLE COUNTY TOTALS														368.9	49		468	112				200	220	50		3			
PONDERA COUNTY TOTALS														377.3			486	48					120	45		1			
PROJECT TOTALS														746.2	49		954	160				200	340	95		4			



ALL SIGN POLE LENGTHS WERE CALCULATED USING A 6 TO 1 SLOPE

*TOOLE COUNTY

DELINEATION TABLE		
	DESIGN "A"	262
	DESIGN "B"	___
	DESIGN "C"	___
	DESIGN "D"	12
	DESIGN "E"	___
	DESIGN "F"	100
	DESIGN "G"	___
	DESIGN "H"	___
	DESIGN "J"	___
	DESIGN "BJ"	___
	DESIGN "GJ"	___
		___

*PONDERA COUNTY

DELINEATION TABLE		
	DESIGN "A"	276
	DESIGN "B"	___
	DESIGN "C"	___
	DESIGN "D"	14
	DESIGN "E"	___
	DESIGN "F"	100
	DESIGN "G"	___
	DESIGN "H"	___
	DESIGN "J"	___
	DESIGN "BJ"	___
	DESIGN "GJ"	___
		___

*PROJECT

DELINEATION TABLE		
	DESIGN "A"	538
	DESIGN "B"	___
	DESIGN "C"	___
	DESIGN "D"	26
	DESIGN "E"	___
	DESIGN "F"	200
	DESIGN "G"	___
	DESIGN "H"	___
	DESIGN "J"	___
	DESIGN "BJ"	___
	DESIGN "GJ"	___
		___

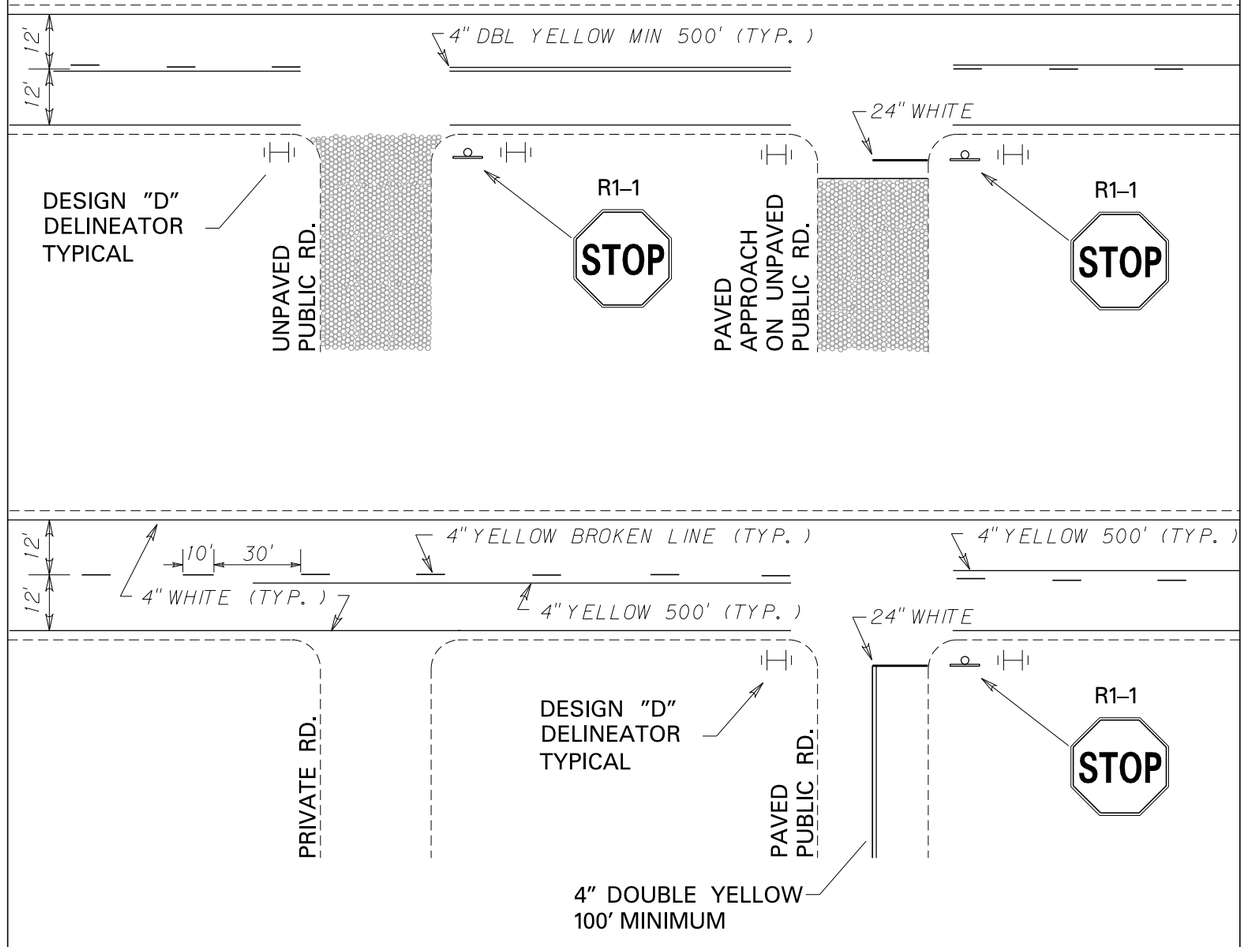
*= ALL DELINEATION QUANTIES ARE ESTIMATED FIELD ADJUST AS NECESSARY, REPLACE DELINEATORS AS ARE EXISTING

AWARD COPY

DETAILS

TYPICAL PAVEMENT MARKINGS

NO SCALE

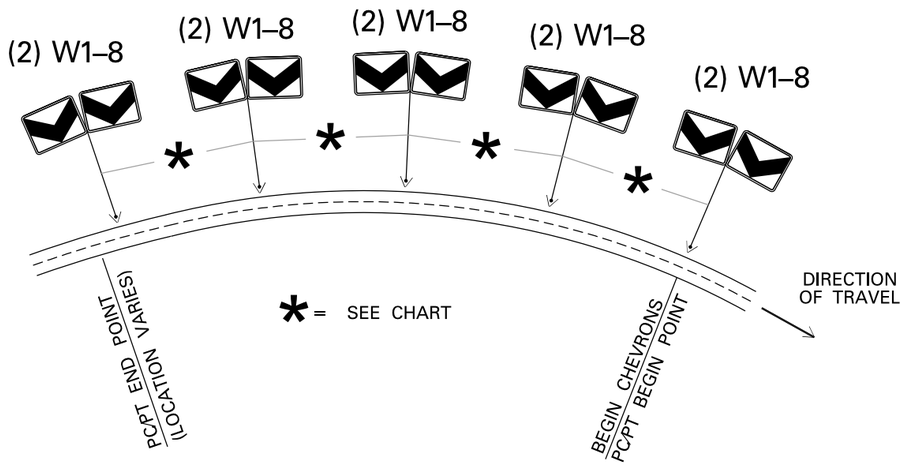


NOTE: FINAL CENTERLINE CONFIGURATION AND NO PASSING ZONES TO BE DETERMINED BY THE PROJECT MANAGER.

ALL PAVEMENT MARKINGS TO BE EPOXY UNLESS OTHERWISE SPECIFIED.

DETAILS

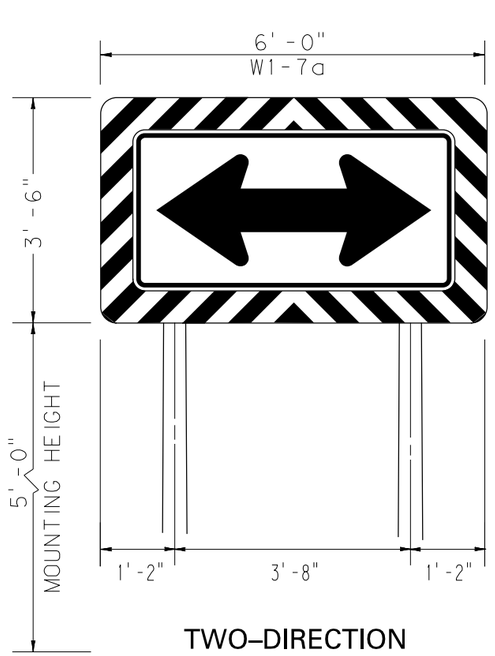
CHEVRON PLACEMENT DETAIL
(GUIDANCE ONLY)



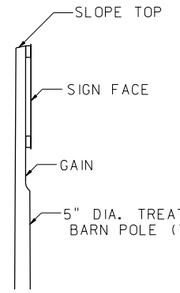
CURVE RADIUS	SIGN SPACING		R.P. CONVERSION
< 200′	40′	=	.008 +–
200′ – 400′	80′	=	.015 +–
401′ – 700′	120′	=	.023 +–
701′ – 1250′	160′	=	.030 +–
> 1250′	200′	=	.038 +–

1) SEE SPEC SHEET FOR CHEVRON PLACEMENT

2) USE BEGINNING OF CURVE LOCATION AS REFERENCE POINT TO INSTALL CHEVRONS (BEGIN POINT – ALWAYS ON OUTSIDE OF CURVE IN DIRECTION OF TRAVEL)



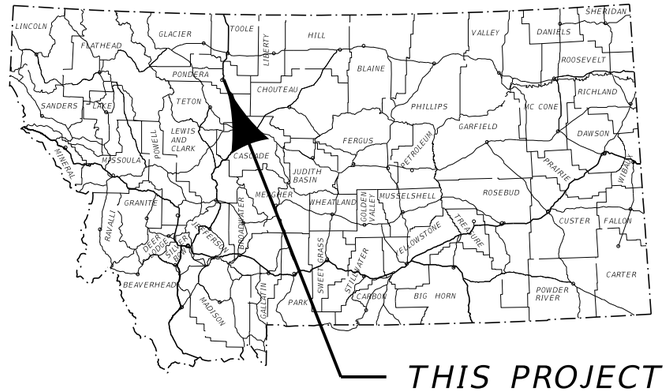
TWO–DIRECTION LARGE ARROW



NOTE: MOUNT 60"x30" W1-7 TWO-DIRECTION ARROW DESIGN ON 72"X42" ALUMINUM INCREMENT WITH 6" WIDE DIAGONAL BORDER AROUND THE PERIMETER. DIAGONAL STRIPES ARE 3" IN WIDTH APPLIED AT A 45 DEGREE ANGLE.

NOTE: DETERMINE POLE LENGTHS IN THE FIELD TO COMPLY WITH MOUNTING HEIGHTS AND EMBEDMENT DEPTHS.

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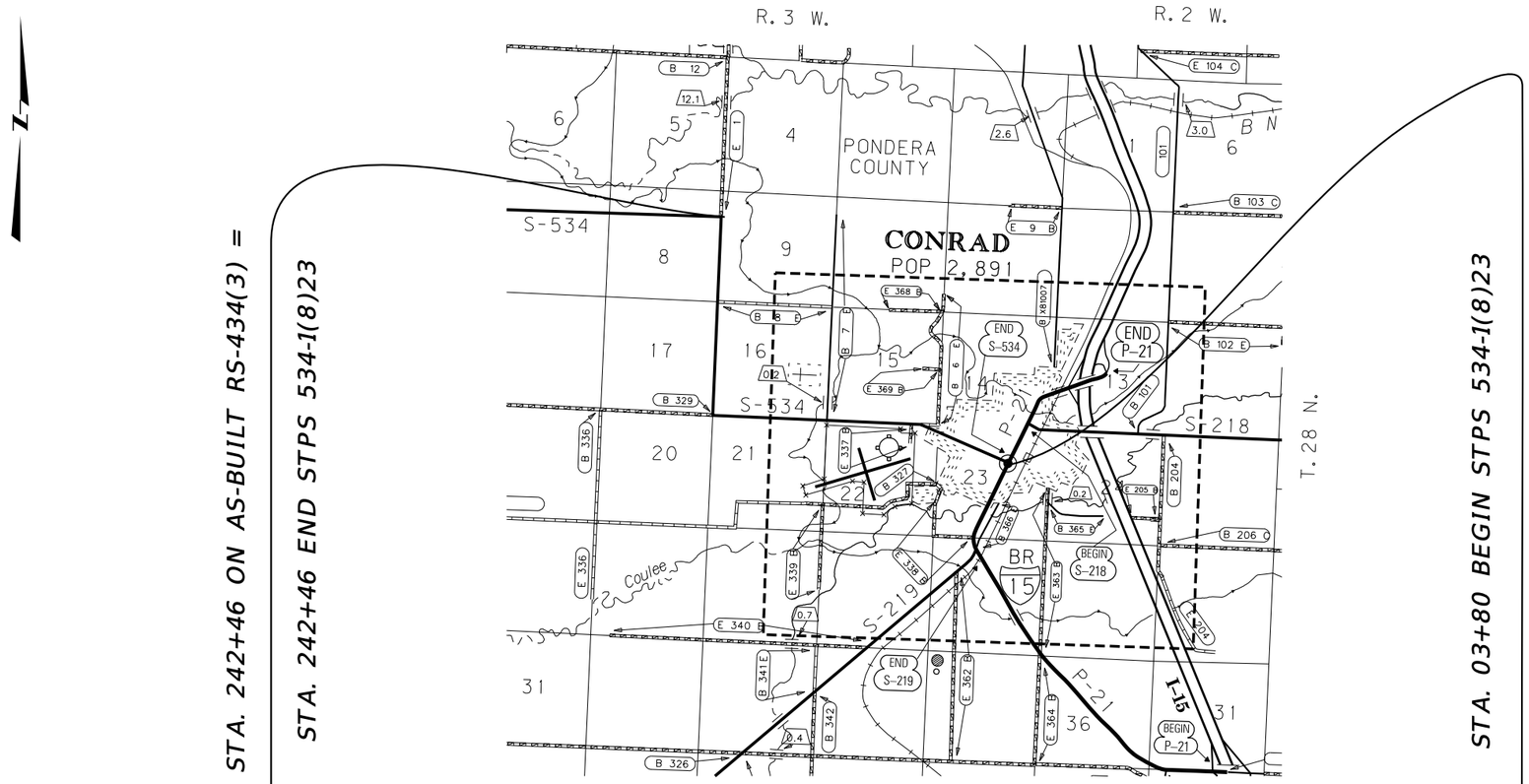
MONTANA DEPARTMENT OF TRANSPORTATION

FEDERAL AID PROJECT STPS 534-1(8)23
SCRUB SEAL
CONRAD - WEST
PONDERA COUNTY

PROJECT DESIGN DATA		
PRESENT 2022	A.D.T. =	420
LETTING 2023	A.D.T. =	430
DESIGN 2043	A.D.T. =	520
	D.H.V. =	70
	TRUCKS =	11.4%
	V. =	
	18 KIP ESAL'S =	24
	GROWTH RATE =	1.0%

LENGTH 4.5 MILES

SURFACING SOURCES -
CONTRACTOR FURNISHED



RELATED PROJECTS
STPS 417-1(3)0

3	MONTANA Department of Transportation	C:\DGN\10287000rdtti001.dgn	DESIGNED BY	C. BASZLER	1/3/2023	ROAD PLANS
2		4/24/2023	REVIEWED BY	R. SNYDER	3/6/2023	
		11:04:26 AM CPS - U6139	CHECKED BY	J. SABOL		UPN 10287000

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SURFACING	6
ADDITIONAL SURFACING	6
PAVEMENT MARKINGS	6
DETAILS	7
TWENTY-FIVE MILE PULL-OFF AREA	7

SIGNING PLANS	
SUMMARY	S1
SPECIFICATIONS	S2-S7

NOTES

BASIS OF PLAN QUANTITIES

(QUANTITIES FOR ESTIMATING PURPOSES ONLY)

BITUMINOUS MATERIAL	= 8.5 LBS. PER GAL.
SCRUB SEAL EMULSION	= 0.42 GAL. PER SQ.YARD
COVER (SCRUB SEAL)	= 25 LBS. PER SQ.YARD
EMULSIFIED ASPHALT - FOG SEAL (S & C)	= 0.075 GAL. PER SQ.YARD (UNDILUTED)

WETLANDS

WETLANDS EXIST ADJACENT TO THE ROADWAY AND MAY EXIST BEYOND THE PROJECT LIMITS. A WETLAND DELINEATION HAS NOT BEEN COMPLETED FOR THIS PROJECT. IMPACTS TO WETLAND AREAS HERE NOT ANTICIPATED IN ASSOCIATION WITH THE PROPOSED WORK. ANY ACTION IMPACTING WETLAND AREAS 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. ALL CLEARANCES OR DEPTHS PROVIDED FOR UTILITIES ARE FROM EXISTING GROUND LINE.

AS BUILTS

COUNTY CONSTRUCTION
CITY CONSTRUCTION
RS 434(3)
RTS 534-1(3)
CONRAD WEST - STPS 534-1(4)3
CONRAD WEST - STPS 534-1(6)27

LINEAR DATA

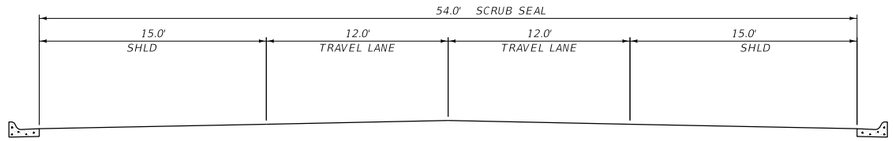
LENGTH OF ROADWAY	PONDERA COUNTY	2 LANE RURAL	23,866.97 ft
TOTAL LENGTH OF	STPS 534-1(8)23		23,866.97 ft

AWARD COPY

TYPICAL SECTION NO. 1

MAINLINE

03+80.00 TO 07+03.06
07+03.06 TO 07+41.13 TRANS. TYP. NO. 1 TO TYP. NO. 2

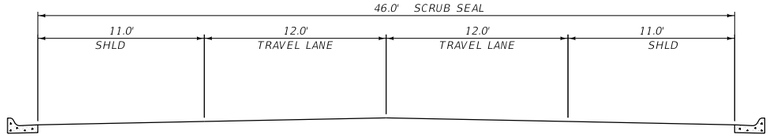


QUANTITIES						
UNIT	AGGREGATE		UNIT	BITUMINOUS MATERIAL		
	COVER			SCRUB SEAL EMULSION	EMULSIFIED ASPHALT FOG SEAL	
AREA square feet cubic yards PER STATION tons PER STATION square yards PER STATION	600		square yards PER STATION tons PER STATION gals. PER STATION	600 1.07	45	

TYPICAL SECTION NO. 2

MAINLINE

07+41.13 TO 49+75.45 THEN TYP. NO. 3



QUANTITIES						
UNIT	AGGREGATE		UNIT	BITUMINOUS MATERIAL		
	COVER			SCRUB SEAL EMULSION	EMULSIFIED ASPHALT FOG SEAL	
AREA square feet cubic yards PER STATION tons PER STATION square yards PER STATION	511		square yards PER STATION tons PER STATION gals. PER STATION	511 0.91	38	

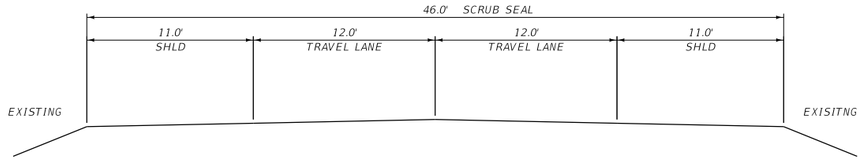
3	MONTANA Department of Transportation	C:\DGN\10287000rdtyp001.dgn	DESIGNED BY	C. BASZLER	1/3/2023	ROAD PLANS	CONRAD - WEST / STPS 534-1(8)23
2		4/24/2023	REVIEWED BY	R. SNYDER	3/6/2023		
		11:04:41 AM CPS - U6139	CHECKED BY	J. SABOL		PONDERA COUNTY	UPN 10287000 / 3

AWARD COPY

TYPICAL SECTION NO. 3

MAINLINE

49+75.45 TO 54+93.86
54+93.86 TO 58+77.98 TRANS. TYP. NO. 3 TO TYP. NO. 4

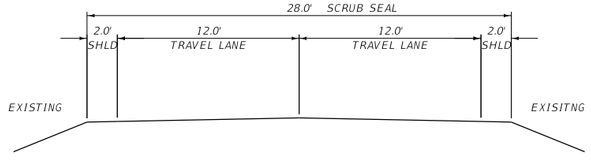


QUANTITIES						
UNIT	AGGREGATE		UNIT	BITUMINOUS MATERIAL		
	COVER			SCRUB SEAL EMULSION	EMULSIFIED ASPHALT FOG SEAL	
AREA square feet cubic yards PER STATION tons PER STATION square yards PER STATION	511		square yards PER STATION tons PER STATION gals. PER STATION	511 0.91	38	

TYPICAL SECTION NO. 4

MAINLINE

58+77.98 TO 138+94.87
138+94.87 TO 139+44.87 TRANS. TYP. NO. 4 TO 5
147+23.44 TO 149+14.77



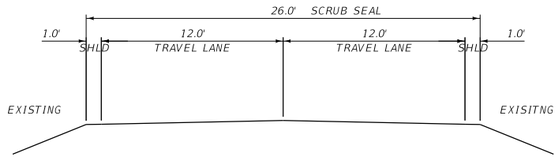
QUANTITIES						
UNIT	AGGREGATE		UNIT	BITUMINOUS MATERIAL		
	COVER			SCRUB SEAL EMULSION	EMULSIFIED ASPHALT FOG SEAL	
AREA square feet cubic yards PER STATION tons PER STATION square yards PER STATION	311		square yards PER STATION tons PER STATION gals. PER STATION	311 0.56	23	

AWARD COPY

TYPICAL SECTION NO. 5

MAINLINE

139+44.87	TO	146+73.44	
146+73.44	TO	147+23.44	TRANS. TYP. NO. 5 TO 4
149+14.77	TO	242+46.40	



QUANTITIES						
UNIT	AGGREGATE		UNIT	BITUMINOUS MATERIAL		
	COVER			SCRUB SEAL EMULSION	EMULSIFIED ASPHALT FOG SEAL	
AREA square feet cubic yards PER STATION tons PER STATION square yards PER STATION	 289		square yards PER STATION tons PER STATION gals. PER STATION	289 0.52	 22	

2 1	MONTANA Department of Transportation	C:\DGN\10287000rdtyp001.dgn 4/24/2023 11:04:50 AM CPS - U6139	DESIGNED BY REVIEWED BY CHECKED BY	C. BASZLER R. SNYDER J. SABOL	1/3/2023 3/6/2023	ROAD PLANS PONDERA COUNTY	CONRAD - WEST UPN 10287000	STPS 534-1(8)23 5

SUMMARY

SURFACING

STATION FROM	STATION TO	linear feet GROSS	linear feet NET	linear feet +	linear feet -	FOR	AGGREGATE sq. yards COVER TYPE I	BITUMINOUS MATERIAL tons SCRUB SEAL EMULSION	BITUMINOUS MATERIAL gals. EMULSIFIED ASPHALT FOG SEAL	REMARKS
3+80.00	7+03.06	323.06	323.06				1,938	3.5	145	TYP. NO. 1
7+03.06	7+41.13	38.07	38.07				211	0.4	16	TRANS. TYP. NO. 1 TO TY. NO. 2
7+41.13	49+75.45	4,234.32	4,234.32				21,637	38.5	1,609	TYP. NO. 2
49+75.45	54+93.86	518.41	518.41				2,649	4.7	197	TYP. NO. 3
54+93.86	58+77.98	384.12	384.12				1,579	2.8	117	TRANS. TYP. NO. 3 TO TYP. NO. 4
58+77.98	138+94.87	8,016.89	8,016.89				24,933	44.9	1,844	TYP. NO. 4
138+94.87	146+73.44	778.57	778.57				2,250	4.0	171	TYP. NO. 5
146+73.44	149+14.77	241.33	241.33				751	1.4	56	TYP. NO. 4
149+14.77	242+46.40	9,331.63	9,331.63				26,968	48.5	2,053	TYP. NO. 5
						ADDITIONAL SURFACING	956	1.7	72	
TOTAL		23,866.40	23,866.40				83,872	150.4	6,280	

ADDITIONAL SURFACING (INCLUDED IN SURFACING FRAME)

STATION FROM	STATION TO	linear feet GROSS	linear feet NET	linear feet +	linear feet -	FOR	AGGREGATE sq. yards COVER TYPE I	BITUMINOUS MATERIAL tons SCRUB SEAL EMULSION	BITUMINOUS MATERIAL gals. EMULSIFIED ASPHALT FOG SEAL	REMARKS
146+63.65	148+69.06					TWENTY-FIVE MILE PULL-OFF AREA	956	1.7	72	AREA MEASURED IN CAD
SUBTOTAL		~	~	~	~		956	1.7	72	

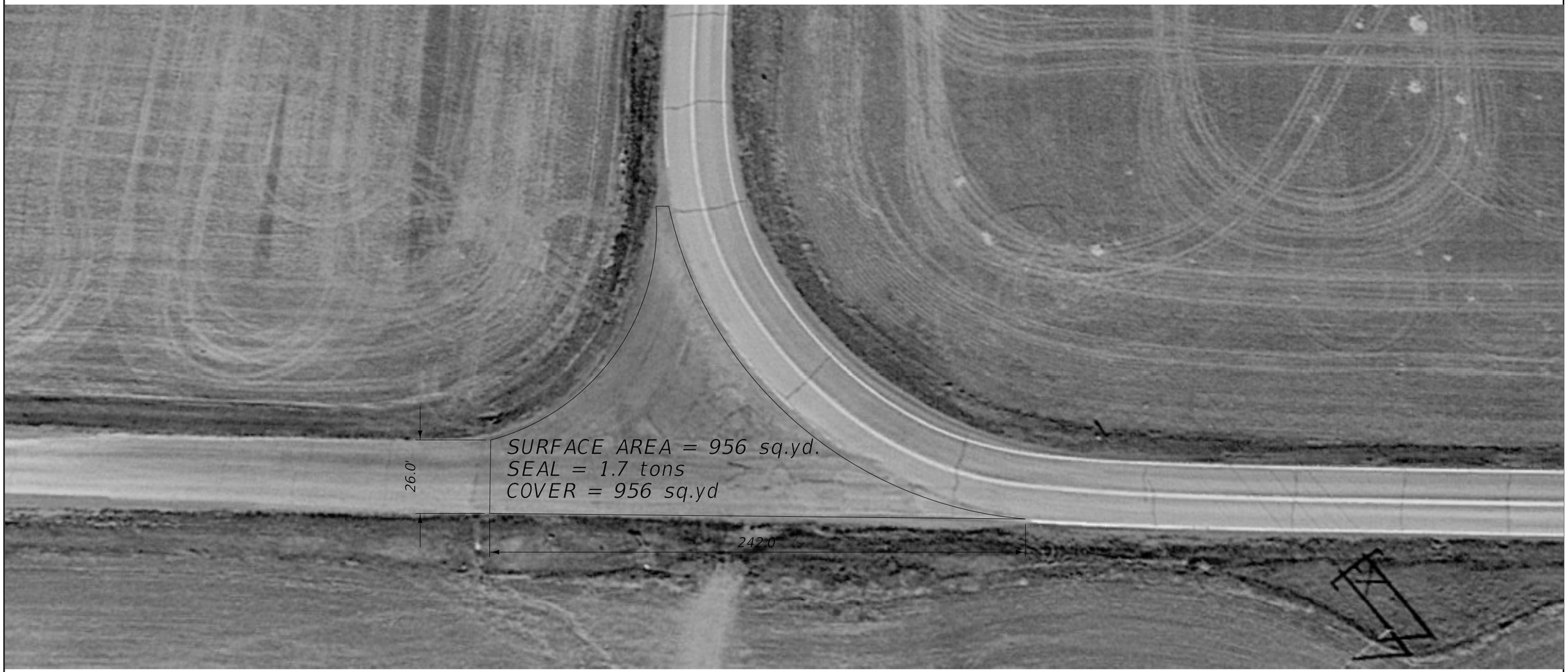
PAVEMENT MARKINGS

ITEM	UNIT	INTERIM APPLICATION #	FINAL APPLICATION	TOTAL
STRIPING - WHITE PAINT	gallon	164		164
STRIPING - YELLOW PAINT	gallon	88		88
WORDS & SYMBOLS - WHITE PAINT	gallon	11		11
STRIPING - WHITE EPOXY	gallon		219	219
STRIPING - YELLOW EPOXY	gallon		117	117
WORDS & SYMBOLS - WHITE EPOXY	gallon		14	14
CURB - YELLOW EPOXY	gallon		74	74

#BASED ON 1 APPLICATION.

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DETAIL



DETAIL

25 MILE PULL-OFF
AGRICULTURAL ACCESS
STA 146+63 TO
STA 148+69

NO SCALE

3	MONTANA Department of Transportation	C:\DGN\10287000rddet001.dgn	DESIGNED BY	C. BASZLER	1/3/2023	ROAD PLANS	CONRAD - WEST	STPS 534-1(8)23
2		4/24/2023	REVIEWED BY	R. SNYDER	3/6/2023			
		11:05:12 AM CPS - U6139	CHECKED BY	J. SABOL		PONDERA COUNTY	UPN 10287000	7

DOWL

SUMMARY
SIGNING & DELINEATION QUANTITIES

MATERIAL	TOTALS	UNIT
SIGNS-ALUM REFL SHEET XI	270.9	SQFT
RESET SIGNS	2	EACH
REMOVE SIGN	48	EACH
REMOVE SIGN-GUIDE	5	EACH
POSTS-STEEL U SIGN	61	LB
POSTS-TUBULAR STEEL-SQ-PERF	1,442	LB
POLES-TREATED WOOD 4 IN	152	LNFT
POLES-TREATED WOOD 5 IN	78	LNFT
SQ TUBLR SLIP BASE BKWY-3 IN (76MM)	9	EACH
DELINEATOR DES A	122	EACH
DELINEATOR DES C	6	EACH
DELINEATOR DES D	10	EACH

AWARD COPY

SIGN LOCATION AND SPECIFICATION

LT	STATION / R.P.	RT	RAMP NO.	SIGN NO.	PANEL SIZE	SHTG TYPE BACK- GRND	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 XI	SIGN PANEL (SQ. FT.) ALUM. SHEET INCREMENT XI	ALUMINUM SHT OVERLAY	TIMBER POLE (LINEAR FT.) 4" TOP DIA.	TIMBER POLE (LINEAR FT.) 5" TOP DIA.	TIMBER POLE (LINEAR FT.) 6" 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	REMARKS
	23.385	RT		R1-2	RESET			10'-0"						5'-0"	3'-0"													1			YIELD RESET 20 FT EAST OF EXISTING LOCATION
LT	23.397			W1-7	USE AS IS																					X					↔ DRILL 2" HOLE FOR BREAKAWAYS
LT	23.402			D3-1 (2) M1-12	42" X 18" USE AS IS	XI	XI	10'-0"		5" DIA. POLE		15'-2"		5'-0"	3'-6"	10.6				16						X	1				CONRAD - DUPUYER RD 534
				M6-1L	21" X 15"	XI										2.2															← MOUNT BACK-TO-BACK
LT	23.477			W2-2	USE AS IS																					X					SIDE ROAD DRILL 2" HOLE FOR BREAKAWAY
LT	23.523			W8-3	30" X 30"	XI		10'-0"		4" DIA. POLE		12'-4"		5'-0"	3'-0"	6.3			14									1				PAVEMENT ENDS
	24.089	RT		D10-2 (2)	10" X 27"	XI	XI	6'-0"		2 LB/FT STL "U"		10'-3"		4'-0"	3'-0"	3.8									21			1				MILE 24 MOUNT BACK-TO-BACK
	24.153			D3-1 (2)	42" X 18"	XI	XI	10'-0"		5" DIA.		15'-3"		5'-0"	3'-6"	10.6										X					CONRAD - DUPUYER RD
LT				D3-2 (2) R1-1	42" X 10" REUSE	XI	XI			POLE						5.8				16							1				HOOT OWL RD STOP MOUNT BACK-TO-BACK
	24.994	RT		W1-1 W13-1	USE AS IS																										LEFT TURN 15 MPH
	25.015	RT		M1-12 M6-1	USE AS IS																										534 LEFT TURN
	25.091	RT		N7-1 N7-1P	REUSE			10'-0"		5" DIA. POLE		16'-6"		7'-0"	3'-6"					18						X	1				ADOPT A HIGHWAY LEAVITT GROUP INSURANCE
	25.091	RT		D10-2 (2)	10" X 27"	XI	XI	6'-0"		2 LB/FT STL "U"		10'-3"		4'-0"	3'-0"	3.8									21			1				MILE 25 MOUNT BACK-TO-BACK
	25.116	RT		W1-8 (2)	USE AS IS																										CHEVRON MOUNTED BACK-TO-BACK
	25.126	RT		W1-8 (2)	USE AS IS																										CHEVRON MOUNTED BACK-TO-BACK
	25.132	RT		D3-1 (2) D3-3	42" X 18" 42" X 10"	XI XI	XI XI	10'-0"		5" DIA. POLE		15'-8"		5'-0"	3'-6"	10.6 2.9			16							X	1				CONRAD - DUPUYER RD COALMINE RD
				R1-2	REUSE																										YIELD PLACE 200 FT EAST OF EXISTING LOCATION MOUNT BACK-TO-BACK
	25.136	RT		D3-1 (2) D3-3	REMOVE REMOVE			10'-0"	2'-2"	5" DIA. POLE		X=13'-8" Y=13'-8"		5'-0"	3'-6"					28						X	1				CONRAD - DUPUYER RD COALMINE RD
				W1-7A	REUSE																										↔

X STANDARD BREAKAWAY DEVICE:
-FOR WOOD POST SEE DETAILED DRAWING NO. 619-20.

■ FRANGIBLE SIGN POST BREAKAWAY DEVICE REQUIRED.

★ TELESCOPED SQUARE TUBES (2¼" & 2½") WITH SLIP BASE BREAKAWAY REQUIRED. MOUNTED IN HEAVY DUTY STUB.

▲ SINGLE SQUARE TUBES (2½") REQUIRED. MOUNTED IN HEAVY DUTY STUB.

RSFO = REPLACE SIGN FACE ONLY

FYG = TYPE XI FLUORESCENT YELLOW-GREEN SHEETING REQUIRED.

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

AWARD COPY

SIGN LOCATION AND SPECIFICATION

LT	STATION / R.P.	RT	RAMP NO.	SIGN NO.	PANEL SIZE	SHTG TYPE BACK- GRND	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 XI	SIGN PANEL (SQ. FT.) ALUM. SHEET INCREMENT XI	ALUMINUM SHT OVERLAY	TIMBER POLE (LINEAR FT.) 4" TOP DIA.	TIMBER POLE (LINEAR FT.) 5" TOP DIA.	TIMBER POLE (LINEAR FT.) 6" 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	REMARKS
	25.146	RT		W1-8 (2)	USE AS IS											3.8												1				CHEVRON MOUNTED BACK-TO-BACK
	25.165	RT		W1-8 (2)	USE AS IS																											CHEVRON MOUNTED BACK-TO-BACK
	25.267			M1-12 M5-1	USE AS IS																											534
LT																																RIGHT TURN
	25.287			W1-1 W13-1	USE AS IS																											RIGHT TURN 15 MPH
LT																																
	25.928	RT		R1-1	USE AS IS																											STOP
	26.098	RT		D10-2 (2)	10" X 27"	XI	XI									3.8												1				MILE 26 MOUNT BACK-TO-BACK
																																RSFO
	26.144			D3-4 (2) R1-1	42" X 10" 30" X 30"	XI XI	XI XI	10'-0"		4" DIA. POLE		13'-2"		5'-0"	3'-0"	5.8 5.2			14									1				HILLSIDE RD STOP
LT																																MOUNT BACK-TO-BACK
	26.341	RT		R2-5A W3-5	REMOVE 36" X 36"	XI	XI	10'-0"		4" DIA. POLE		12'-10"		5'-0"	3'-0"	9.0			14									1				REDUCED SPEED AHEAD REDUCED SPEED AHEAD
	26.492			R2-2	USE AS IS																											SPEED LIMIT 45
LT																																TRUCK SPEED LIMIT 65
	26.542			R2-1 R2-3A	RESET			10'-0"						5'-0"	3'-0"														1			SPEED LIMIT 70 NIGHT 65
LT																																
	26.542	RT		R2-1	24" X 30"	XI		10'-0"		4" DIA. POLE		12'-2"		5'-0"	3'-0"	5.0			14									1				SPEED LIMIT 45
	26.776	RT		D3-5 (2) R1-1	42" X 10" REUSE	XI	XI	10'-0"		4" DIA. POLE		13'-2"		5'-0"	3'-0"	5.8			14									1				AIRPORT LOOP STOP MOUNT BACK-TO-BACK
	26.781	RT		R2-1	24" X 30"	XI										5.0												1				SPEED LIMIT 35 RSFO
	26.784			R2-1	24" X 30"	XI		10'-0"		4" DIA. POLE		12'-2"		5'-0"	3'-0"	5.0			14									1				SPEED LIMIT 45
LT																																
	26.902	RT		D3-5 (2) R1-1	42" X 10" 30" X 30"	XI XI	XI XI	10'-0"		4" DIA. POLE		13'-2"		5'-0"	3'-0"	5.8 5.2			14									1				AIRPORT LOOP STOP MOUNT BACK-TO-BACK
	26.943	RT		N6-1	42" X 24"	XI	XI	20'-0"	1'-3"	4" DIA. POLE		X=11'-8" Y=11'-8"		5'-0"	3'-0"	7.0			24											1		ENTERING CONRAD
	26.973	RT		R2-1	24" X 30"	XI										5.0												1				SPEED LIMIT 25 RSFO

X STANDARD BREAKAWAY DEVICE: -FOR WOOD POST SEE DETAILED DRAWING NO. 619-20.

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▲ SINGLE SQUARE TUBES (2½") REQUIRED. MOUNTED IN HEAVY DUTY STUB.

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FYG = TYPE XI FLUORESCENT YELLOW-GREEN SHEETING REQUIRED.

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

AWARD COPY

SIGN LOCATION AND SPECIFICATION

LT	STATION / R.P.	RT	RAMP NO.	SIGN NO.	PANEL SIZE	SHTG TYPE BACK- GRND	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 XI	SIGN PANEL (SQ. FT.) ALUM. SHEET INCREMENT XI	ALUMINUM SHT OVERLAY	TIMBER POLE (LINEAR FT.) 4" TOP DIA.	TIMBER POLE (LINEAR FT.) 5" TOP DIA.	TIMBER POLE (LINEAR FT.) 6" 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	REMARKS
	26.976			R2-1	24" X 30"	XI		10'-0"		4" DIA. POLE		12'-2"		5'-0"	3'-0"	5.0			14								1				SPEED LIMIT 35
LT																															
	27.006			N7-1	USE AS IS																					X					ADOPT A HIGHWAY
LT				N7-1P																											LEAVITT GROUP INSURANCE
																															DRILL 2" HOLE FOR BREAKAWAY
	27.011			R1-1	30" X 30"	XI	XI									5.2											1				STOP
LT																															RSFO
	27.021			D3-6 (2)	42" X 10"	XI	XI	2'-0"		2" SQ.		10'-3"		7'-0"	3'-0"	5.8										▲					FOURTH AVE SW
LT				D3-7 (2)	42" X 10"	XI	XI			TUBE						5.8							43				1				SUNSET BLVD
																															MOUNT BACK-TO-BACK
	27.094			D10-2 (2)	10" X 27"	XI	XI	2'-0"		2 LB/FT STL "U"		9'-3"		4'-0"	3'-0"	3.8									19		1				MILE 27
		RT																													MOUNT BACK-TO-BACK
	27.099			R1-1	USE AS IS																										STOP
		RT																													
	27.105			D3-6 (2)	42" X 10"	XI	XI	2'-0"		2" SQ.		10'-3"		7'-0"	3'-0"	5.8										▲					FOURTH AVE SW
		RT		D3-8 (2)	36" X 10"	XI	XI			TUBE						5.0							43				1				S OHIO ST
																															MOUNT BACK-TO-BACK
	27.170			D3-6 (2)	42" X 10"	XI	XI	2'-0"		2" SQ.		10'-3"		7'-0"	3'-0"	5.8										▲					FOURTH AVE SW
		RT		D3-9 (2)	42" X 10"	XI	XI			TUBE						5.8							43				1				S INDIANA ST
																															MOUNT BACK-TO-BACK
	27.175			R1-1	USE AS IS																										STOP
		RT																													
	27.239			D9-2	USE AS IS																										HOSPITAL
		RT		M6-1A																											←
																															MOUNT BACK-TO-BACK
	27.241			D3-6 (2)	USE AS IS																										FOURTH AVE SW
		RT		D3 (2)																											S COLORADO ST
	27.248			R1-1	USE AS IS																										STOP
LT																															
	27.249			R1-1	30" X 30"	XI	XI	2'-0"		2.5" SQ. TUBE		11'-0"		7'-0"	3'-0"	5.2							58			▲	1				STOP
		RT																													
	27.258			D9-2	USE AS IS																										HOSPITAL
LT				M6-1A																											→
	27.312			R2-1	24" X 30"	XI		8'-0"		2.5" SQ. TUBE		11'-0"		7'-0"	3'-0"	5.0							58			▲	1				SPEED LIMIT 25
LT																															
	27.318			D3-6 (2)	USE AS IS																										FOURTH AVE SW
		RT		D3 (2)																											S KANSAS ST
																															MOUNTED BACK-TO-BACK
	27.319			R1-1	USE AS IS																										STOP
LT																															

X STANDARD BREAKAWAY DEVICE: -FOR WOOD POST SEE DETAILED DRAWING NO. 619-20.

■ FRANGIBLE SIGN POST BREAKAWAY DEVICE REQUIRED.

★ TELESCOPED SQUARE TUBES (2¼" & 2½") WITH SLIP BASE BREAKAWAY REQUIRED. MOUNTED IN HEAVY DUTY STUB.

▲ SINGLE SQUARE TUBES (2½") REQUIRED. MOUNTED IN HEAVY DUTY STUB.

RSFO = REPLACE SIGN FACE ONLY

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

DOWL

AWARD COPY

SIGN LOCATION AND SPECIFICATION

LT	STATION / R.P.	RT	RAMP NO.	SIGN NO.	PANEL SIZE	SHTG TYPE BACK- GRND	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 XI	SIGN PANEL (SQ. FT.) ALUM. SHEET INCREMENT XI	ALUMINUM SHT OVERLAY	TIMBER POLE (LINEAR FT.) 4" TOP DIA.	TIMBER POLE (LINEAR FT.) 5" TOP DIA.	TIMBER POLE (LINEAR FT.) 6" 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	REMARKS
	27.322	RT		R1-1	USE AS IS																										STOP
	27.383	RT		D3-6 (2) D3 (2)	USE AS IS																										FOURTH AVE SW S IOWA ST MOUNTED BACK-TO-BACK
LT	27.394			R1-1	USE AS IS																										STOP
	27.398	RT		R1-1	USE AS IS																										STOP
LT	27.459			R2-1	USE AS IS																										SPEED LIMIT 25
	27.460	RT		D3-6 (2) D3 (2)	USE AS IS																										FOURTH AVE SW S MICHIGAN ST MOUNTED BACK-TO-BACK
LT	27.465			R1-1	USE AS IS																										STOP
	27.469	RT		R1-1	30" X 30"	XI	XI	2'-0"		2.5" SQ. TUBE		11'-0"		7'-0"	3'-0"	5.2							58			▲	1				STOP
	27.474	RT		S1-1 W16-9P	USE AS IS																										SCHOOL CROSSING AHEAD
	27.529	RT		S1-1 W16-7PL	REUSE			6'-6"		2.5" SQ. TUBE		10'-7"		6'-0"	3'-0"								86			★	1				SCHOOL CROSSING ↙
	27.530	RT		D3-6 (2) D3 (2)	USE AS IS																										FOURTH AVE SW S ILLINOIS ST MOUNTED BACK-TO-BACK
LT	27.534			S1-1 W16-7PL	REUSE			6'-6"		2.5" SQ. TUBE		10'-7"		6'-0"	3'-0"								86			★	1				SCHOOL CROSSING ↙
LT	27.535			R1-1	30" X 30"	XI	XI	4'-0"		2.5" SQ. TUBE		11'-0"		7'-0"	3'-0"	5.2							58			▲	1				STOP
	27.540	RT		R1-1	30" X 30"	XI	XI									5.2											1				STOP RSFO
LT	27.595			S1-1 W16-9P	REUSE			6'-0"		2.5" SQ. TUBE		10'-7"		6'-0"	3'-0"								86			★	1				SCHOOL CROSSING AHEAD
LT	27.601			D9-2 M6-3A	USE AS IS																										HOSPITAL ↑
	27.601	RT		D3-6 (2) D3 (2)	USE AS IS																										FOURTH AVE SW S WISCONSIN ST MOUNTED BACK-TO-BACK

X STANDARD BREAKAWAY DEVICE:
-FOR WOOD POST SEE DETAILED DRAWING NO. 619-20.

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★ TELESCOPED SQUARE TUBES (2¼" & 2½") WITH SLIP BASE BREAKAWAY REQUIRED. MOUNTED IN HEAVY DUTY STUB.

▲ SINGLE SQUARE TUBES (2½") REQUIRED. MOUNTED IN HEAVY DUTY STUB.

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

AWARD COPY

SIGN LOCATION AND SPECIFICATION

LT	STATION / R.P.	RT	RAMP NO.	SIGN NO.	PANEL SIZE	SHTG TYPE BACK- GRND	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 XI	SIGN PANEL (SQ. FT.) ALUM. SHEET INCREMENT XI	ALUMINUM SHT OVERLAY	TIMBER POLE (LINEAR FT.) 4" TOP DIA.	TIMBER POLE (LINEAR FT.) 5" TOP DIA.	TIMBER POLE (LINEAR FT.) 6" 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	REMARKS
LT	27.610			R1-1	30" X 30"	XI	XI									5.2											1				STOP RSFO
	27.611	RT		R1-1	30" X 30"	XI	XI									5.2											1				STOP RSFO
LT	27.646			R2-1	USE AS IS																										SPEED LIMIT 25
	27.676	RT		D3-6 (2) D3 (2)	USE AS IS																										FOURTH AVE SW S DELAWARE ST
																															MOUNTED BACK-TO-BACK
LT	27.682			R1-1	30" X 30"	XI	XI									5.2											1				STOP RSFO
	27.686	RT		R1-1	USE AS IS																										STOP
	27.691	RT		S1-1 S1-1S	36" X 36" 36" X 12"	XI XI		2'-0"		2.5" SQ. TUBE		10'-1"		6'-0"	3'-0"	6.8 3.0							83			★	1				SCHOOL CROSSING (FYG) 2 X INGS (FYG)
	27.742	RT		S1-1 W16-7PL	REUSE			7'-0"		2.5" SQ. TUBE		10'-7"		6'-0"	3'-0"								86			★	1				SCHOOL CROSSING ↙
	27.752	RT		D3-6 (2) D3 (2)	USE AS IS																										FOURTH AVE SW S MARYLAND ST
																															MOUNTED BACK-TO-BACK
LT	27.727			R1-1	USE AS IS																										STOP
	27.757	RT		R1-1	REUSE			2'-0"		2.5" SQ. TUBE		11'-0"		7'-0"	3'-0"								58			▲	1				STOP
LT	27.762			S1-1 W16-7PL	REUSE			7'-0"		2.5" SQ. TUBE		10'-7"		6'-0"	3'-0"								86			★	1				SCHOOL CROSSING ↙
	27.818	RT		S1-1 W16-7PL	REUSE			6'-6"		2.5" SQ. TUBE		10'-7"		6'-0"	3'-0"								86			★	1				SCHOOL CROSSING ↙
LT	27.819			R1-1	30" X 30"	XI	XI									5.2											1				STOP RSFO
	27.819	RT		R7-8A	USE AS IS																										NO PARKING BETWEEN SIGNS ←
	27.828	RT		R1-1	30" X 30"	XI	XI									5.2											1				STOP RSFO
	27.830	RT		D3-6 (2) D3-10 (2)	42" X 10" 42" X 10"	XI XI	XI XI	10'-0"		2" SQ. TUBE		10'-3"		7'-0"	3'-0"	5.8 5.8							43			▲	1				FOURTH AVE SW S VIRGINIA ST
																															MOUNT BACK-TO-BACK

X STANDARD BREAKAWAY DEVICE:
-FOR WOOD POST SEE DETAILED DRAWING NO. 619-20.

■ FRANGIBLE SIGN POST BREAKAWAY DEVICE REQUIRED.

★ TELESCOPED SQUARE TUBES (2¼" & 2½") WITH SLIP BASE BREAKAWAY REQUIRED. MOUNTED IN HEAVY DUTY STUB.

▲ SINGLE SQUARE TUBES (2½") REQUIRED. MOUNTED IN HEAVY DUTY STUB.

RSFO = REPLACE SIGN FACE ONLY

FYG = TYPE XI FLUORESCENT YELLOW-GREEN SHEETING REQUIRED.

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

DOWL

2 1	MONTANA Department of Transportation	...\65CAD\SI\10287000SISUM.DGN 3/27/2023 12:09:04 PM jrnelson	DESIGNED BY REVIEWED BY CHECKED BY	S. PATTERSON R. SCHROEDER *	3/2023 3/2023	SIGNING PLANS PONDERA COUNTY	PRELIMINARY FPR

CONRAD-WEST	STPS 534-7(7)23
UPN 10287000	S6

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SIGN LOCATION AND SPECIFICATION

LT	STATION / R.P.	RT	RAMP NO.	SIGN NO.	PANEL SIZE	SHTG TYPE BACK- GRND	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 XI	SIGN PANEL (SQ. FT.) ALUM. SHEET INCREMENT XI	ALUMINUM SHT OVERLAY	TIMBER POLE (LINEAR FT.) 4" TOP DIA.	TIMBER POLE (LINEAR FT.) 5" TOP DIA.	TIMBER POLE (LINEAR FT.) 6" 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	REMARKS
LT	27.831			S1-1 W16-7PL	REUSE			2'-0"		2.5" SQ. TUBE		10'-7"		6'-0"	3'-0"								86			★	1				SCHOOL CROSSING ↙
	27.833			D9-6A R7-8P	12" X 24" 12" X 6"	XI XI	XI XI									2.0 0.5											1				RESERVED PARKING VAN ACCESSIBLE
		RT																													RSFO
	27.854			R7-8C R7-108L	12" X 18" 12" X 18"	XI XI	XI XI	2'-0"		2" SQ. TUBE		11'-7"		7'-0"	3'-0"	1.5 1.5							46			▲					NO TRUCK PARKING 2HR PRKG 830AM TO 530PM ←
		RT																													PLACE AT START OF YELLOW CURB NEAR THE ALLEY
	27.874			CUSTOM R7-108	REMOVE																						1				NO TRUCK PARKING 2HR PRKG 830AM TO 530PM ↔
		RT																													
LT	27.883			M3-4 M1-12	USE AS IS																										WEST 534
	27.884			S1-1 S1-1S	REUSE			2'-0"		2.5" SQ. TUBE		10'-1"		6'-0"	3'-0"								83			★	1				SCHOOL CROSSING 2 X INGS
	27.889			R7-8C R7-108R	12" X 18" 12" X 18"	XI XI	XI XI	2'-0"		2" SQ. TUBE		11'-7"		7'-0"	3'-0"	1.5 1.5							46			▲					NO TRUCK PARKING 2HR PRKG 830AM TO 530PM →
		RT																													PLACE AT END OF YELLOW CURB NEAR THE SIGNAL
LT	27.894			0HD3-1	42" X 12"	XI	XI									3.5												1			MAIN ST MOUNT ON MAST ARM
																															RSFO
	27.895			0HD3-2	60" X 12"	XI	XI									5.0												1			FOURTH AVE S MOUNT ON MAST ARM
		RT																													RSFO
LT	27.895			M1-12 M6-1	REUSE			2'-0"		2.5" SQ. TUBE		11'-10"		7'-0"	3'-0"								60			▲	1				534 →
LT	27.896			0HD3-2	60" X 12"	XI	XI									5.0												1			FOURTH AVE S MOUNT ON MAST ARM
																															RSFO
	27.897	RT		M1-12 M6-1	REUSE			2'-0"		2.5" SQ. TUBE		11'-10"		7'-0"	3'-0"								60			▲	1				534 ←
	27.900	RT		0HD3-1	42" X 12"	XI	XI									3.5												1			MAIN ST MOUNT ON MAST ARM
																															RSFO
ALL SHEET TOTALS																270.9			152	78			1,442		61		48	2	5		

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DELINEATOR LEGEND

⊣	DELINEATOR DES "A"	122
⊢⊣	DELINEATOR DES "C"	6
⊩⊣	DELINEATOR DES "D"	10

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