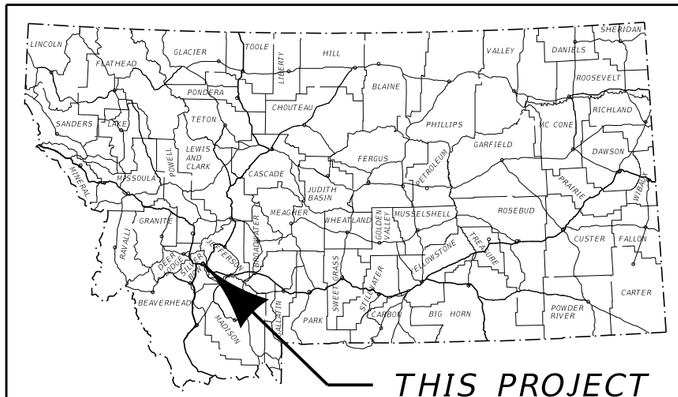
AWARD COPY



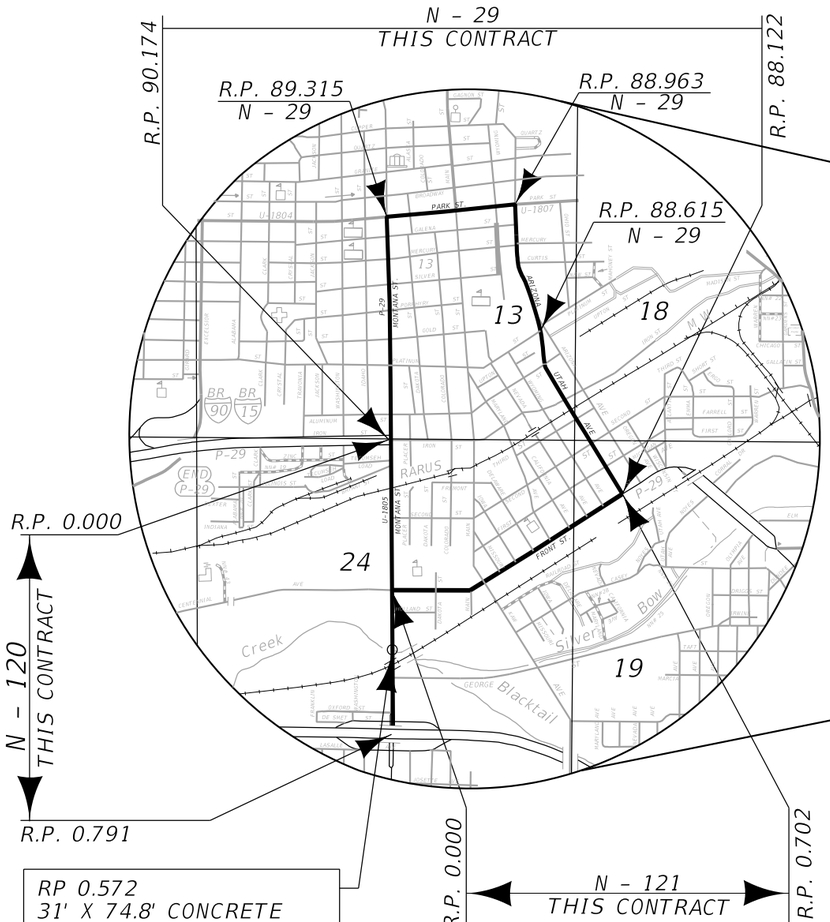
MONTANA DEPARTMENT OF TRANSPORTATION

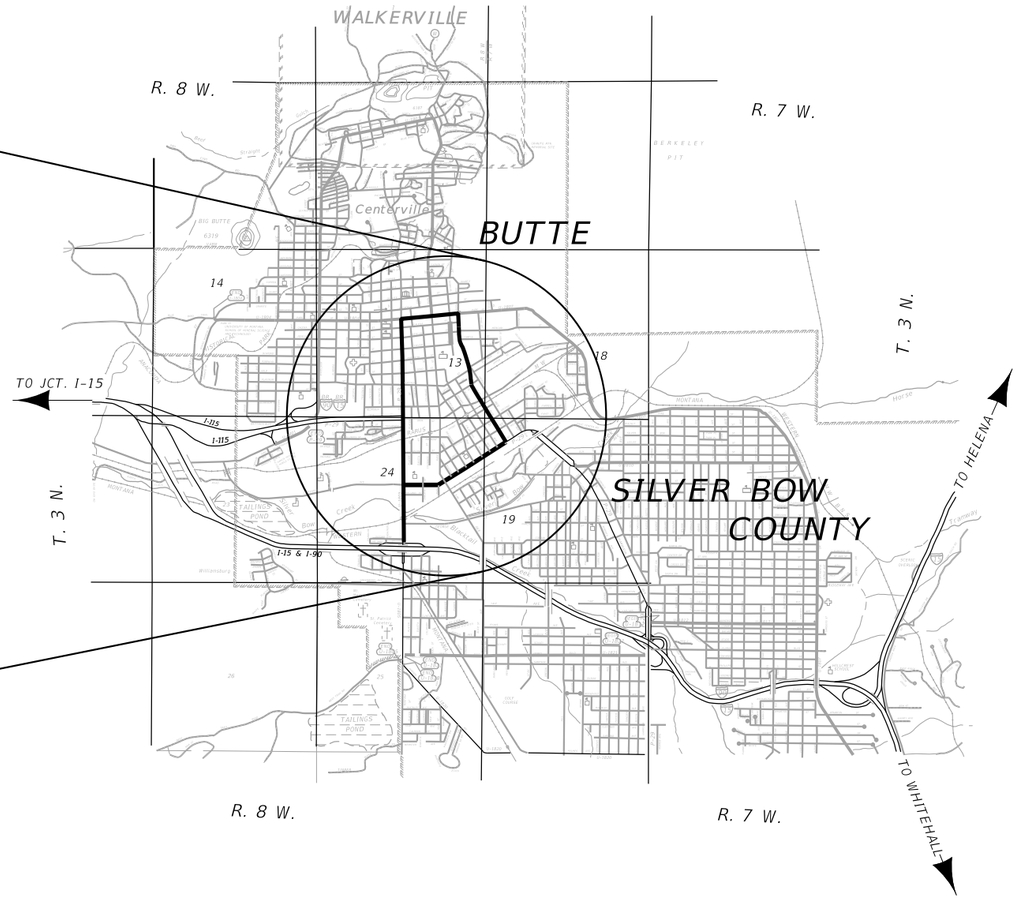
FEDERAL AID PROJECT NO. NH 1899(41)
SEAL AND COVER
BUTTE - URBAN (NHS)
SILVER BOW COUNTY

LETTING DATE - _____

LENGTH NA MILES

SURFACING SOURCES -
CONTRACTOR FURNISHED





3	MDT MONTANA DEPARTMENT OF TRANSPORTATION	C:\DGN\9471000rdttl001.dgn	DESIGNED BY	BOB BOONE	6/23/2021	ROAD PLANS
2		1/4/2022	REVIEWED BY	KEVIN MUELLER	6/23/2021	
		11:12:36 AM CPS - U2160	CHECKED BY	JOY FLEMING	8/26/2021	UPN 9471000

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ROAD PLANS	SHEET NO.
TITLE SHEET	1
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PARK STREET CROSSWALK	9

SIGNING PLANS	
SUMMARY	S1
SPECIFICATIONS	S2-S18

NOTES

BASIS OF PLAN QUANTITIES

(QUANTITIES FOR ESTIMATING PURPOSES ONLY)

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

AS-BUILTS

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

NRM 280 1934.
FAP207 C 1941
STPP 29-4(22)89 2001)
RFT 29-4(18) 1995
CM-ATPU 1805(10) 2005
ARRA 1806(8) 2010

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

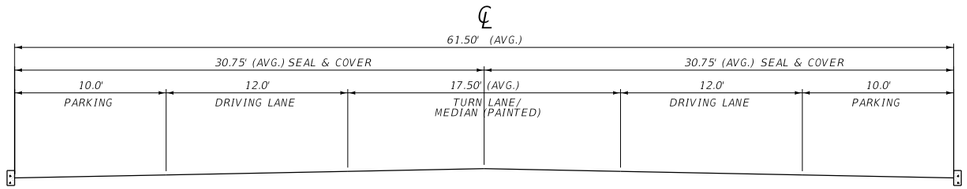
LENGTH OF ROADWAY	N-29 UTAH/ARIZONA AVENUE	2 LANE URBAN	4,440.00	ft
LENGTH OF ROADWAY	N-29 PARK STREET	2 LANE URBAN	1,859.00	ft
LENGTH OF ROADWAY	N-29 MONTANA STREET	4 LANE URBAN	4,536.00	ft
LENGTH OF ROADWAY	N-120 MONTANA STREET	4 LANE URBAN	4,145.00	ft
LENGTH OF BRIDGE	N-120 MONTANA STREET (NOT THIS CONTRACT)	4 LANE URBAN	31.00	ft
LENGTH OF ROADWAY	N-121 FRONT STREET	2 LANE URBAN	3,707.00	ft
TOTAL LENGTH OF	2 LANE URBAN		10,006.00	ft
TOTAL LENGTH OF	4 LANE URBAN		8,712.00	ft
TOTAL LENGTH OF	NH 1899(41)		18,718.00	ft

AWARD COPY

TYPICAL SECTION NO. 1

UTAH ST./ARIZONA ST. (N-29)
FRONT ST. TO NORTH OF PLATINUM ST.
R.P. 88.122 TO R.P. 88.613 THEN TYP. NO. 2

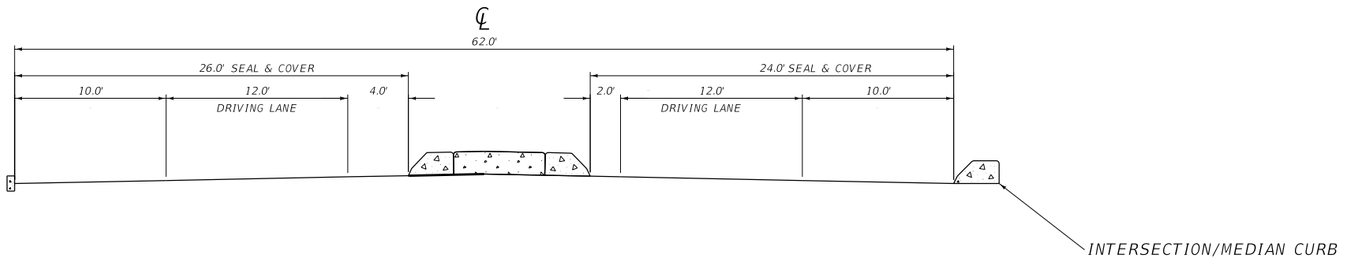
R.P. 88.640 TO 88.671
END OF MEDIAN TO FIRE HYDRANT AT
BUTTE HIGH SCHOOL
THEN TYP. NO. 3



QUANTITIES						
UNIT	AGGREGATE		UNIT	BITUMINOUS MATERIAL		
	COVER			SEAL		
AREA square feet cubic yards PER STATION **tons PER STATION** square yards PER STATION	 683		square yards PER STATION tons PER STATION gallons PER STATION	683 1.22		

TYPICAL SECTION NO. 2

UTAH ST./ARIZONA ST. (N-29)
MEDIAN NORTH OF PLATINUM ST.
R.P. 88.613 TO R.P. 88.640 THEN TYP. NO. 1

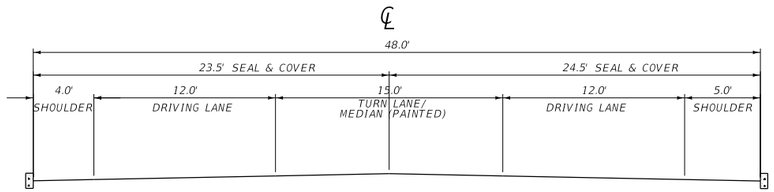


QUANTITIES						
UNIT	AGGREGATE		UNIT	BITUMINOUS MATERIAL		
	COVER			SEAL		
AREA square feet cubic yards PER STATION **tons PER STATION** square yards PER STATION	 556		square yards PER STATION tons PER STATION gallons PER STATION	556 0.99		

3	MDT MONTANA DEPARTMENT OF TRANSPORTATION	C:\DGN\9471000rdtyp001.dgn	DESIGNED BY	BOB BOONE	6/23/2021	ROAD PLANS	BUTTE - URBAN (NHS) / NH 1899(41)
2		1/4/2022	REVIEWED BY	KEVIN MUELLER	6/23/2021		
		11:12:52 AM CPS - U216C	CHECKED BY	JOY FLEMING	8/26/2021	SILVER BOW COUNTY	UPN 9471000 / 3

TYPICAL SECTION NO. 3

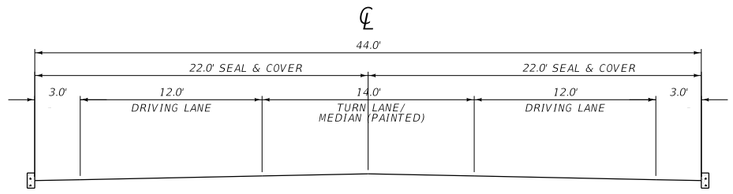
ARIZONA ST. (N-29)
FIRE HYDRANT TRANSITION TO CURTIS ST.
R.P. 88.671 TO R.P. 88.807 THEN TYP. NO. 4



QUANTITIES						
UNIT	AGGREGATE		UNIT	BITUMINOUS MATERIAL		
	COVER			SEAL		
AREA square feet cubic yards PER STATION **tons PER STATION** square yards PER STATION	 533		square yards PER STATION tons PER STATION gallons PER STATION	533 0.95		

TYPICAL SECTION NO. 4

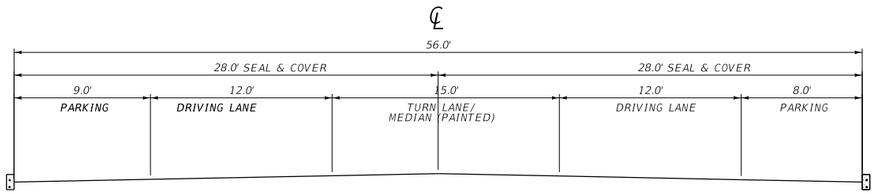
ARIZONA ST. (N-29)
CURTIS ST. TO PARK ST.
R.P. 88.807 TO R.P. 88.963 THEN TYP. NO. 5



QUANTITIES						
UNIT	AGGREGATE		UNIT	BITUMINOUS MATERIAL		
	COVER			SEAL		
AREA square feet cubic yards PER STATION **tons PER STATION** square yards PER STATION	 489		square yards PER STATION tons PER STATION gallons PER STATION	489 0.87		

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TYPICAL SECTION NO. 5



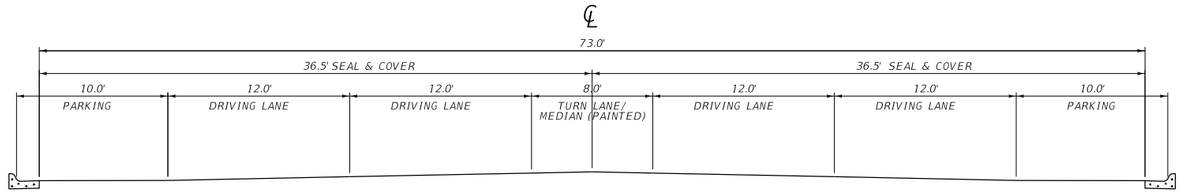
PARK STREET (N-29)
ARIZONA ST. TO MONTANA ST.
R.P. 88.963 TO R.P. 89.315 THEN TYP. NO. 6

R.P. 89.180 TO R.P. 89.193 SEE DETAIL
PARK STREET CROSSWALK

QUANTITIES						
UNIT	AGGREGATE		UNIT	BITUMINOUS MATERIAL		
	COVER			SEAL		
AREA square feet cubic yards PER STATION **tons PER STATION** square yards PER STATION	 622		square yards PER STATION tons PER STATION gallons PER STATION	622 1.11		

TYPICAL SECTION NO. 6

MONTANA STREET (N-29)
PARK ST. TO GOLD ST.
R.P. 89.315 TO R.P. 89.642 THEN TYP. NO. 7

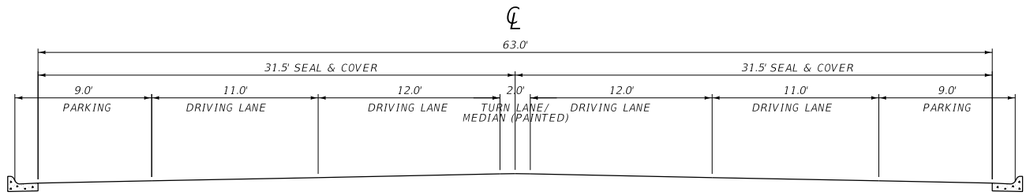


QUANTITIES						
UNIT	AGGREGATE		UNIT	BITUMINOUS MATERIAL		
	COVER			SEAL		
AREA square feet cubic yards PER STATION **tons PER STATION** square yards PER STATION	 811		square yards PER STATION tons PER STATION gallons PER STATION	811 1.45		

2 1	MDT MONTANA DEPARTMENT OF TRANSPORTATION	C:\DGN\9471000rdtyp001.dgn 1/4/2022 11:13:02 AM CPS - U216C	DESIGNED BY BOB BOONE REVIEWED BY KEVIN MUELLER CHECKED BY JOY FLEMING	6/23/2021 6/23/2021 8/26/2021	ROAD PLANS SILVER BOW COUNTY	BUTTE - URBAN (NHS) UPN 9471000	NH 1899(41) 5

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TYPICAL SECTION NO. 7

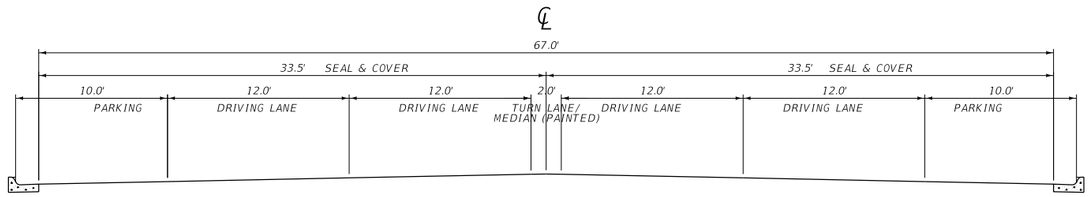


MONTANA STREET (N-29)
GOLD ST. TO ALUMINUM ST.
R.P. 89.642 TO R.P. 89.836 THEN TYP. NO. 8

MONTANA STREET (N-120)
BA&P RAILROAD CROSSING (BRYANT ST/
W. FREMONT ST.) TO SOUTH-SIDE OF
SILVER BOW CREEK BRIDGE
R.P. 0.125 TO R.P. 0.575 (BE)
R.P. 0.575 (BE) TO R.P. 0.595 TRANSITION
TYP. NO. 7 TO TYP. NO. 9

QUANTITIES						
UNIT	AGGREGATE		UNIT	BITUMINOUS MATERIAL		
	COVER			SEAL		
AREA square feet cubic yards PER STATION **tons PER STATION** square yards PER STATION	 700		square yards PER STATION tons PER STATION gallons PER STATION	700 1.25		

TYPICAL SECTION NO. 8



MONTANA STREET (N-29)
GOLD ST. TO ALUMINUM ST.
R.P. 89.836 TO R.P. 90.174
END OF SECTION (N-29)/BEGIN SECTION (N-120)

MONTANA STREET (N-120)
IRON ST. TO BA&P RAILROAD CROSSING
(BRYANT ST/ W. FREMONT ST)
R.P. 0.000 TO R.P. 0.125
THEN TYP. NO. 7

MONTANA STREET (N-120)
SOUTH OF GEORGE ST. TO INTERSTATE
R.P. 0.658 TO R.P. 0.791
THEN TYP. NO. 10
END OF SECTION (N-120)

QUANTITIES						
UNIT	AGGREGATE		UNIT	BITUMINOUS MATERIAL		
	COVER			SEAL		
AREA square feet cubic yards PER STATION **tons PER STATION** square yards PER STATION	 744		square yards PER STATION tons PER STATION gallons PER STATION	744 1.33		

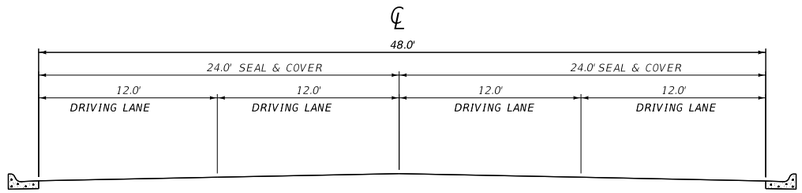
3	MDT	MONTANA DEPARTMENT OF TRANSPORTATION	C:\DGN\9471000rdtyp002.dgn	DESIGNED BY	BOB BOONE	6/23/2021	ROAD PLANS
2			1/4/2022	REVIEWED BY	KEVIN MUELLER	6/23/2021	
			11:13:14 AM CPS - U216C	CHECKED BY	JOY FLEMING	8/26/2021	SILVER BOW COUNTY

BUTTE - URBAN (NHS)	NH 1899(41)
UPN 9471000	6

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TYPICAL SECTION NO. 9

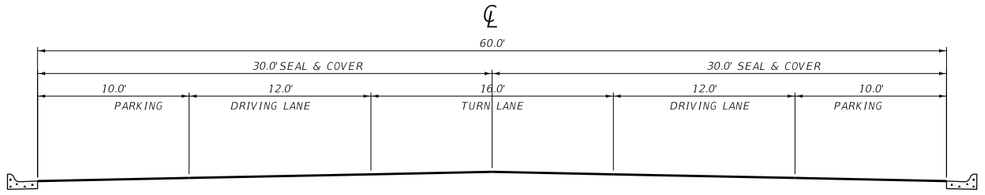
MONTANA STREET (N-120)
BRIDGE - BA&P RAILWAY
R.P. 0.595 TO R.P. 0.607 THEN
R.P. 0.607 TO R.P. 0.658 TRANSITION
TYP. NO. 9 TO TYP. NO. 8



QUANTITIES						
UNIT	AGGREGATE		UNIT	BITUMINOUS MATERIAL		
	COVER			SEAL		
AREA square feet cubic yards PER STATION **tons PER STATION** square yards PER STATION	 533		square yards PER STATION tons PER STATION gallons PER STATION	533 0.95		

TYPICAL SECTION NO. 10

FRONT STREET (N-121)
MONTANA ST. TO UTAH ST.
R.P. 0.000 TO R.P. 0.702
THEN END OF PROJECT



QUANTITIES						
UNIT	AGGREGATE		UNIT	BITUMINOUS MATERIAL		
	COVER			SEAL		
AREA square feet cubic yards PER STATION **tons PER STATION** square yards PER STATION	 667		square yards PER STATION tons PER STATION gallons PER STATION	667 1.19		

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SUMMARY

SURFACING

REFERENCE POST FROM	REFERENCE POST TO	linear feet GROSS	linear feet NET	linear feet +	linear feet -	FOR	AGGREGATE square yards COVER TYPE 1	BITUMINOUS MATERIAL tons EMULSIFIED ASPHALT CHFRS-2P	REMARKS
N-29 UTAH ST. & ARIZONA ST.									
88.122	88.613	2,592	2,582		10.00	RAILROAD CROSSING	17,638	31.5	TYPICAL NO. 1
88.613	88.640	143	143				793	1.4	TYPICAL NO. 2
88.640	88.671	164	164				1,118	2.0	TYPICAL NO. 1
88.671	88.807	718	718				3,827	6.8	TYPICAL NO. 3
88.807	88.963	824	824				4,028	7.2	TYPICAL NO. 4
N-29 PARK STREET									
88.963	89.315	1,859	1,855		4.00	CROSSWALK	11,535	20.6	TYPICAL NO. 5
N-29 MONTANA STREEET									
89.315	89.642	1,727	1,727				14,002	25.0	TYPICAL NO. 6
89.642	89.836	1,024	1,024				7,170	12.8	TYPICAL NO. 7
89.836	90.174	1,785	1,785				13,278	23.7	TYPICAL NO. 8
N-120 MONTANA STREET									
0.000	0.125	660	660				4,910	8.8	TYPICAL NO. 8
0.125	0.569 BE	2,344	2,334		10.00	RAILROAD CROSSING	16,340	29.2	TYPICAL NO. 7
0.569 BE	0.575 BE	31	~		31.00	BRIDGE (SILVER BOW CR.)			
0.575 BE	0.595	105	105				645	1.1	TRANSITION TYPICAL NO. 7 TO TYPICAL NO. 9
0.595	0.607	63	63				335	0.6	TYPICAL NO. 9
0.607	0.658	270	270				1,726	3.1	TRANSITION TYPICAL NO. 9 TO TYPICAL NO. 8
0.658	0.791	703	703				5,233	9.4	TYPICAL NO. 8
N-121 FRONT STREET									
0.000	0.702	3,707	3,707				24,723	44.1	TYPICAL NO. 10
TOTAL		18,718	18,662	~	55.00		127,301	227.3	

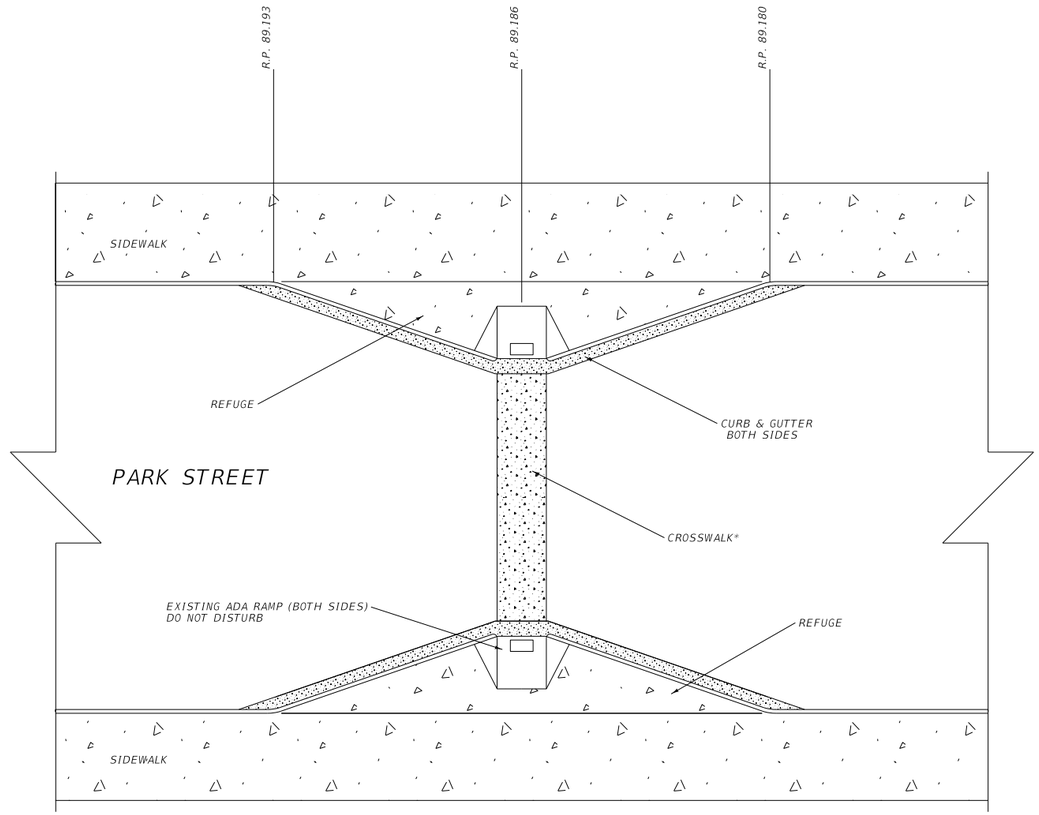
PAVEMENT MARKINGS

ITEM	UNIT	INTERIM APPLICATION #	FINAL APPLICATION	TOTAL
STRIPING - WHITE PAINT	gallon	180		180
STRIPING - YELLOW PAINT	gallon	127		127
WORDS & SYMBOLS - WHITE PAINT	gallon	105		105
WORDS & SYMBOLS - YELLOW PAINT	gallon	27		27
STRIPING - WHITE EPOXY	gallon		239	239
STRIPING - YELLOW EPOXY	gallon		169	169
WORDS & SYMBOLS - WHITE EPOXY	gallon		139	139
WORDS & SYMBOLS - YELLOW EPOXY	gallon		36	36
FINAL SWEEP AND BROOM	cr mile			5.2

BASED ON A SINGLE APPLICATION.

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DETAIL



*NOTE: DO NOT APPLY SEAL AND COVER OVER EXISTING CROSSWALK

DETAIL

PARK STREET CROSSWALK

NO SCALE

3	MDT MONTANA DEPARTMENT OF TRANSPORTATION	C:\DGN\9471000rddet001.dgn	DESIGNED BY	BOB BOONE	6/23/2021	ROAD PLANS	BUTTE - URBAN (NHS)	NH 1899(41)
2		1/4/2022	REVIEWED BY	KEVIN MUELLER	6/23/2021			
		11:13:44 AM CPS - U216C	CHECKED BY	JOY FLEMING	8/26/2021	SILVER BOW COUNTY	UPN 9471000	9

RPA ROBERT PECCIA & ASSOCIATES
CIVIL ENGINEERING | TRANSPORTATION | PLANNING | SURVEYING

SUMMARY
SIGNING & DELINEATION QUANTITIES

MATERIAL	TOTALS	UNIT
SIGNS-ALUM SHEET INCR IV	**138.0**	SQFT
SIGNS-ALUM REFL SHEET IV	**886.6**	SQFT
SIGNS-ALUM REFL SHEET XI	**963.7**	SQFT
REMOVE SIGN	**216**	EACH
REMOVE SIGN-GUIDE	**3**	EACH
POSTS-TUBULAR STEEL	**208**	LB
POSTS-TUBULAR STEEL-SQ-PERF	**3,910**	LB
FRANG SIGN POST BKWY-3.5 IN RD (89MM)	**2**	EACH
SQ TUBLR SLIP BASE BKWY-3 IN (76MM)	**17**	EACH

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SIGN LOCATION AND SPECIFICATION

LT	STATION / R.P.	RT	RAMP NO.	SIGN NO.	PANEL SIZE	REFL SHTG BACK- GRND	REFL SHTG 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.) ALUM. SHEET INCREMENT	SIGN PANEL (SQ. FT.) SHEET ALUMINUM	SIGN PANEL (SQ. FT.) ALUM. SHEET INCREMENT	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
ROUTE N 29 (UTAH/ARIZONA)																																		
LT	88.122			OH D3-1	48x12	IV	XI	MOUNT ON SIGNAL MASTARM								4.0													1					E FIRST ST RSFO
	88.122	RT		OH D3-1	42x12	IV	XI	MOUNT ON SIGNAL MASTARM								3.5													1					UTAH AVE RSFO
LT	88.126			G1-99	60x18	IV	VI									7.5													1					HISTORIC UPTOWN BUTTE RSFO ➡
LT	88.129			OH D3-1	42x12	IV	XI	MOUNT ON SIGNAL MASTARM								3.5													1					UTAH AVE RSFO
	88.130	RT		OH D3-1	48x12	IV	XI	MOUNT ON SIGNAL MASTARM								4.0													1					E FIRST ST RSFO
	88.145	RT		M1-2	24x24	IV	IV	MOUNT ON STRUCTURE								3.2													1				BB	BUSINESS LOOP 15
				M6-3B	21x15	IV	IV									2.2																	BB	⬆
				M1-2	24x24	IV	IV									3.2																	BB	BUSINESS LOOP 90
				M6-3B	21x15	IV	IV									2.2																	BB	⬆
LT	88.147			R3-5L	30x36	XI		MOUNT ON CANTILEVER STRUCTURE										7.5												1					LEFT ONLY RSFO
				R3-8F	30x36	XI												7.5											1					LEFT STRAIGHT RIGHT COMBO RSFO Δ
				M3-1B	24x12	IV	IV									2.0													1					NORTH RSFO
				M3-2B	24x12	IV	IV									2.0																		EAST RSFO
				M1-2	24x24	IV	IV									3.2																		BUSINESS LOOP 15 RSFO
				M1-2	24x24	IV	IV									3.2																		BUSINESS LOOP 90 RSFO
				M5-1BL	21x15	IV	IV									2.2																		⬑ RSFO
				M5-1BL	21x15	IV	IV									2.2																		⬑ RSFO
	88.196	RT		S1-1	36x36	XI		1-0		2.25" /2.5" SQ TUBE		10-7		7-7	3-0			6.8						86			★	1				FYG	REPLACE FROM 88.192 SEE DETAIL PAGE S19
				W16-7PL	30x18	XI												3.8														FYG	⬋
LT	88.196			S1-1	36x36	XI		1-0		2.25" /2.5" SQ TUBE		10-7		7-7	3-0			6.8						86			★	1				FYG	REPLACE FROM 88.217 SEE DETAIL PAGE S19
				W16-7PL	30x18	XI												3.8														FYG	⬋
LT	88.206			(2) D3-1	30x10	IV	IV	2-0		2.5" SQ TUBE		12-10		7-0	3-0	4.2								63			▲	1					UTAH AVE
				(2) D3-1	36x10	IV	IV									5.0																		E FIRST ST
				R1-1	30x30	XI	XI											5.2																
	88.212	RT		(2) D3-1	30x10	IV	IV	2-0		2.5" SQ TUBE		12-10		7-0	3-0	4.2								63			▲	1					UTAH AVE
				(2) D3-1	36x10	IV	IV									5.0																		E FIRST ST
				R1-1	30x30	XI	XI											5.2																
LT	88.249			R2-1	24x30	XI		1-0		2.5" SQ TUBE		11-0		7-0	3-0			5.0						58			▲	1					SPEED LIMIT 25
LT	88.281			OH D3-1	54x12	IV	XI	MOUNT ON SIGNAL MASTARM								4.5												1					E SECOND ST RSFO
				R3-5L	30x36	XI												7.5																LEFT TURN ONLY NEW

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

▲ SINGLE SQUARE TUBE REQUIRED. MOUNTED IN HEAVY DUTY STUB.

FYG = TYPE IX FLUORESCENT YELLOW-GREEN SHEETING REQUIRED.

BB = BACKBRACING REQUIRED:
-FOR WOOD POST 2"x 4" REQ'D.
-FOR STRUCTURAL STEEL 2"x 2"x ¼" ANGLE IRON REQ'D.

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

RSFO = REPLACE SIGN FACE ONLY

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SIGN LOCATION AND SPECIFICATION

LT	STATION / R.P.	RT	RAMP NO.	SIGN NO.	PANEL SIZE	REFL SHTG BACK- GRND	REFL SHTG 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 IV	SIGN PANEL (SQ. FT.) ALUM. SHEET INCREMENT IV	SIGN PANEL (SQ. FT.) SHEET ALUMINUM XI	SIGN PANEL (SQ. FT.) ALUM. SHEET INCREMENT XI	SIGN PANEL (SQ. FT.) 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
	88.284			OH D3-1	42x12	IV	XI	MOUNT ON SIGNAL MASTARM								3.5													1					UTAH AVE
		RT																																RSFO
	88.290			CITY-2	USE AS IS																													EVIL KNIEVEL LOOP BUTTE
		RT																																MONTANA
LT	88.290			OH D3-1	42x12	IV	XI	MOUNT ON SIGNAL MASTARM								3.5													1					UTAH AVE
																																		RSFO
	88.292			OH D3-1	54x12	IV	XI	MOUNT ON SIGNAL MASTARM								4.5													1					E SECOND ST
		RT																																RSFO
				R3-5L	30x36	XI												7.5																LEFT TURN ONLY
	88.297																																	NEW
LT				CITY-3	USE AS IS																													THE BUS COPPER CITY CONNECTION BUS STOP
	88.349			R14-1	24x18	XI		MOUNT ON LUMINAIRE POLE						7-0				3.0											1					TRUCK ROUTE
		RT																																RSFO
				M6-3	21x15	XI												2.2																⬆
	88.364			(2) D3-1	30x10	IV	IV	1-0		2.5" SQ TUBE		12-10		7-0	3-0	4.2									63			▲	1					UTAH AVE
LT				(2) D3-1	36x10	IV	IV									5.0																		E THIRD ST
				R1-1	30x30	XI	XI											5.2																
	88.368			(2) D3-1	30x10	IV	IV	1-0		2.5" SQ TUBE		12-10		7-0	3-0	4.2									63			▲	1					UTAH AVE
		RT		(2) D3-1	36x10	IV	IV									5.0																		E THIRD ST
				R1-1	30x30	XI	XI											5.2																
	88.481			R2-1	24x30	XI								7-0				5.0											1					SPEED LIMIT 25
LT																																		RSFO
	88.509			M1-2	24x24	IV	IV	1-0		2.25"/2.5" SQ TUBE	✓	11-4		8-0	3-0	3.2									90			★	1				BB	BUSINESS LOOP 15
		RT																																ALT B
				M1-2	24x24	IV	IV									3.2																	BB	BUSINESS LOOP 90
				M6-3B	21x15	IV	IV									2.2																	BB	⬆
				M6-3B	21x15	IV	IV									2.2																	BB	⬆
	88.523			(2) D3-1	30x10	IV	IV	1-0		2.5" SQ TUBE		12-10		7-0	3-0	4.2									63			▲	1					UTAH AVE
LT				(2) D3-1	42x10	IV	IV									5.8																		E ALUMINUM ST
				R1-1	30x30	XI	XI											5.2																
	88.535			(2) D3-1	30x10	IV	IV	2-0		2.5" SQ TUBE		12-10		7-0	3-0	4.2									63			▲	1					UTAH AVE
		RT		(2) D3-1	42x10	IV	IV									5.8																		E ALUMINUM ST
				R1-1	30x30	XI	XI											5.2																
	88.583			R14-1	24x18	XI		MOUNT ON LUMINAIRE POLE						7-0				3.0											1					TRUCK ROUTE
		RT																																RSFO
				M6-3	21x15	XI												2.2																⬆
	88.599			OH D3-1	60x12	IV	XI	MOUNT ON SIGNAL MASTARM								5.0													1					E PLATINUM ST
LT																																		RSFO
	88.606			OH D3-1	42x12	IV	XI	MOUNT ON SIGNAL MASTARM								3.5													1					UTAH AVE
																																		RSFO

▲ SINGLE SQUARE TUBE REQUIRED. MOUNTED IN HEAVY DUTY STUB.

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

BB = BACKBRACING REQUIRED:
-FOR WOOD POST 2"x 4" REQ'D.
-FOR STRUCTURAL STEEL 2"x 2"x ¼" ANGLE IRON REQ'D.

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

RSFO = REPLACE SIGN FACE ONLY

✓ = CANTILEVER SIGN POST. SEE DETAILED DRAWING 619-18 ALTERANATIVE A OR B

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SIGN LOCATION AND SPECIFICATION

LT	STATION / R.P.	RT	RAMP NO.	SIGN NO.	PANEL SIZE	REFL SHTG BACK- GRND	REFL SHTG 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.) ALUM. SHEET INCREMENT	SIGN PANEL (SQ. FT.) SHEET ALUMINUM	SIGN PANEL (SQ. FT.) ALUM. SHEET INCREMENT	SIGN PANEL (SQ. FT.) 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
	88.609			OH D3-1	42x12	IV	XI	MOUNT ON SIGNAL MASTARM								3.5													1					UTAH AVE
LT																																	RSFO
	88.612			OH D3-1	60x12	IV	XI	MOUNT ON SIGNAL MASTARM								5.0													1					E PLATINUM ST
		RT																															RSFO
				OH R10-11B	30x30	XI												6.3																NEW
	88.619			R3-2	24x24	XI								7-0				4.0											1					NO LEFT TURN SYMBOL
		RT																															MOUNT SIGNS BACK TO BACK RSFO
				R4-7	24x30	XI												5.0																KEEP RIGHT RSFO
																																		MOUNT SIGNS BACK TO BACK
	88.633			R5-1	30x30	XI	XI							7-0				6.3											1					DO NOT ENTER
		RT																															
	88.646			R4-7	24x30	XI								7-0															1					KEEP RIGHT
		RT																															RSFO
	88.660			R7-1L	12x18	XI	XI	1-0		2.0" SQ TUBE		10-0		7-0	3-0			1.5							43			▲	1					NO PARKING ANYTIME ←
		RT																															
	88.695			R7-10S	12x18	XI	XI	5-0		2.0" SQ TUBE		10-0		7-0	3-0			1.5							43			▲	1					NO PARKING THIS SIDE OF
		RT																															STREET
	88.713			S1-1	36x36	XI		5-0		2.5" SQ TUBE		11-7		7-1	3-0			6.8							59			▲	1				FYG	
		RT																															
				W16-9P	24x12	XI												2.0															FYG	AHEAD
	88.745			M3-3B	24x12	IV	IV	5-0		2.25"/2.5" SQ TUBE		10-1		7-0	3-0	2.0									83			★	1				BB	SOUTH
		RT																															REPLACE FROM 88.754
				M3-4B	24x12	IV	IV									2.0																	BB	WEST
				M1-2	24x24	IV	IV									3.2																	BB	BUSINESS LOOP 15
				M1-2	24x24	IV	IV									3.2																	BB	BUSINESS LOOP 90
	88.750			CITY-2	USE AS IS																													EVIL KNIEVEL LOOP BUTTE
LT																																		MONTANA
	88.754			S1-1	36x36	XI		5-0		2.25"/2.5" SQ TUBE		10-7		7-7	3-0			6.8							86			★	1				FYG	REPLACE FROM 88.745
		RT																															
				S2-1S	REMOVE																													STOP WHEN OCCUPIED
				W16-7PL	30x18	XI												3.8															FYG	↙
	88.767			S1-1	36x36	XI		1-0		2.25"/2.5" SQ TUBE		10-7		7-7	3-0			6.8							86			★	1				FYG	REPLACE FROM 88.771
LT																																		
				W16-7PL	30x18	XI												3.8															FYG	↙
	88.786			R7-10S	12x18	XI	XI	5-0		2.0" SQ TUBE		10-0		7-0	3-0			1.5							43			▲	1					NO PARKING THIS SIDE OF
		RT																															STREET
	88.790			S1-1	36x36	XI		1-0		2.5" SQ TUBE		11-7		7-1	3-0			6.8							59			▲	1				FYG	
LT																																		
				W16-9P	24x12	XI												2.0															FYG	AHEAD
	88.801			CITY-3	USE AS IS																													BUS STOP
		RT																															
	88.816			(2) D3-1	42x10	IV	IV	5-0		2.5" SQ TUBE		12-10		7-0	3-0	5.8									63			▲	1					S ARIZONA ST
		RT																															
				(2) D3-1	30x10	IV	IV									4.2																		CURTIS ST
				R1-1	30x30	XI	XI											5.2																

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

▲ SINGLE SQUARE TUBE REQUIRED. MOUNTED IN HEAVY DUTY STUB.

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	88.839			OH D3-1	60x12	IV	XI	MOUNT ON SIGNAL MASTARM								5.0													1					E MERCURY ST
LT																																		RSFO
	88.841			OH D3-1	60x12	IV	XI	MOUNT ON SIGNAL MASTARM								5.0													1					S ARIZONA ST
		RT																																RSFO
	88.849			OH D3-1	60x12	IV	XI	MOUNT ON SIGNAL MASTARM								5.0													1					S ARIZONA ST
LT																																		RSFO
	88.851			OH D3-1	60x12	IV	XI	MOUNT ON SIGNAL MASTARM								5.0													1					E MERCURY ST
		RT																																RSFO
	88.870			R7-1L	12x18	XI	XI							7-0				1.5											1					NO PARKING ANYTIME ⬅
		RT																																RSFO
	88.885			CITY-2	USE AS IS																														EVIL KNIEVEL LOOP BUTTE
		RT																																MONTANA
	88.893			R3-8B	30x30	XI								7-0				6.3											1					Δ
		RT																																RSFO
	88.898			R7-1	12x18	XI	XI							7-0				1.5											1					NO PARKING ANYTIME ⬌
		RT																																RSFO
	88.902			R3-8B	30x30	XI								7-0				6.3											1					Δ
		RT																																RSFO
	88.908			(2) D3-1	42x10	IV	IV	MOUNT ON LUMINAIRE POLE						7-0		5.8													1					S ARIZONA ST
LT																																		RSFO
				(2) D3-1	42x10	IV	IV									5.8																		E GALENA ST
																																		RSFO
				R1-1	30x30	XI	XI											5.2																
																																		RSFO
	88.937			M3-3B	24x12	IV	IV	5-0		3.5" DIA PIPE		11-5		7-0	3-0	2.0								104				■	1				BB	SOUTH
		RT																																
				M3-4B	24x12	IV	IV									2.0																	BB	WEST
				M1-2	24x24	IV	IV									3.2																	BB	BUSINESS LOOP 15
				M1-2	24x24	IV	IV									3.2																	BB	BUSINESS LOOP 90
				M5-1BL	21x15	IV	IV									2.2																	BB	↰
				M5-1BL	21x15	IV	IV									2.2																	BB	↰
ROUTE N-29 (PARK ST)																																		
	88.957			R7-1	12x18	XI	XI							7-0				1.5																NO PARKING ANYTIME ⬌
LT																																		RSFO
	88.959			OH D3-1	48x12	IV	XI	MOUNT ON SIGNAL MASTARM								4.0													1					E PARK ST
LT																																		RSFO
				R3-5L	30x36	XI												7.5											1					LEFT TURN ONLY
																																		RSFO
	88.961			OH D3-1	48x12	IV	XI	MOUNT ON SIGNAL MASTARM								4.0													1					ARIZONA ST
		RT																																RSFO
				R3-5L	30x36	XI												7.5											1					LEFT TURN ONLY
																																		RSFO
	88.969			OH D3-1	48x12	IV	XI	MOUNT ON SIGNAL MASTARM								4.0													1					ARIZONA ST
LT																																		RSFO
				R3-5L	30x36	XI												7.5											1					LEFT TURN ONLY
																																		RSFO
				R3-5R	30x36	XI												7.5											1					RIGHT TURN ONLY
																																		RSFO
	88.974			OH D3-1	48x12	IV	XI	MOUNT ON SIGNAL MASTARM								4.0													1					E PARK ST
		RT																																RSFO
				R3-5L	30x36	XI												7.5											1					LEFT TURN ONLY
																																		RSFO

■ FRANGIBLE SIGN POST BREAKAWAY DEVICE REQUIRED.

BB = BACKBRACING REQUIRED:
-FOR WOOD POST 2"x 4" REQ'D.
-FOR STRUCTURAL STEEL 2"x 2"x ¼" ANGLE IRON REQ'D.

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

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	88.980			CITY-4	USE AS IS																												NO PARKING STREET CLEANING
		RT																															DISTRICT/2 HR PARKING
	88.992			R7-1L	12x18	XI	XI							7-0				1.5															NO PARKING ANYTIME ⬅
LT																														1					RSFO
	88.992			M3-1B	24x12	IV	IV		ON SIGN BRIDGE SUPPORT							2.0													1					NORTH
LT																																			RSFO
				M3-2B	24x12	IV	IV									2.0																	EAST
																																			RSFO
				M1-2	24x24	IV	IV									3.2																	BUSINESS LOOP 15
																																			RSFO
				M1-2	24x24	IV	IV									3.2																	BUSINESS LOOP 90
																																			RSFO
				M5-1BR	21x15	IV	IV									2.2																	↱
																																			RSFO
				M5-1BR	21x15	IV	IV									2.2																	↱
																																			RSFO
	88.992			R3-5L	30x36	XI			ON SIGN BRIDGE SUPPORT									7.5											1					RSFO
LT																																			
				R3-6R	30x36	XI												7.5											1					RSFO
	88.994			R7-1L	12x18	XI	XI							7-0				1.5											1					NO PARKING ANYTIME ⬅
		LT																																	RSFO
	89.004			CITY-4	USE AS IS																												NO PARKING STREET CLEANING
LT																																			DISTRICT/2 HR PARKING
	89.007			CITY-5	USE AS IS																												DOG WASTE
LT																																			
	89.015			SI-1	36x36	XI			MOUNT ON LUMINAIRE POLE					7-7				6.8											1				FYG	
		RT																																	RSFO
				W16-7PL	30x18	XI												3.8															FYG	↙
																																			RSFO
	89.017			(2) D3-1	30x10	IV	IV	1-0		2.5" SQ TUBE		12-10		7-0	3-0	4.2									63			▲	1					E PARK ST
LT																																			
				(2) D3-1	42x10	IV	IV									5.8																		S WYOMING ST
				R1-1	30x30	XI	XI											5.2																
	89.027			(2) D3-1	30x10	IV	IV							7-0		4.2													1					E PARK ST
		RT																																	RSFO
				(2) D3-1	42x10	IV	IV									5.8																		N WYOMING ST
																																			RSFO
				R1-1	30x30	XI	XI											5.2																RSFO
	89.032			S1-1	36x36	XI			MOUNT ON LUMINAIRE POLE					7-7				6.8											1				FYG	
LT																																			RSFO
				W16-7PL	30x18	XI												3.8															FYG	↙
																																			RSFO
	89.033			R7-108	12x18	XI	XI							7-0				1.5											1					2 HR PARKING 9:00 AM TO 6:00 PM
		RT																																	⬅ RSFO
	89.036			CITY-6	USE AS IS																												RESERVED HANDICAP PARKING
		RT																																	ONLY
	89.045			CITY-4	USE AS IS																												NO PARKING STREET CLEANING
		RT																																	DISTRICT/2 HR PARKING
	89.057			CITY-7	USE AS IS																												NO PARKING ANYTIME ⬅
		RT																																	/30 MIN PARKING
	89.064			CITY-4	USE AS IS																												NO PARKING STREET CLEANING
LT																																			DISTRICT/2 HR PARKING
	89.064			CITY-8	USE AS IS																												30 MIN PARKING
		RT																																	
	89.068			CITY-4	USE AS IS																												NO PARKING STREET CLEANING
		RT																																	DISTRICT/2 HR PARKING
	89.093			CITY-9	USE AS IS																												NO PARKING IN DRIVEWAY/
LT																																			2 HR PARKING

▲ SINGLE SQUARE TUBE REQUIRED. MOUNTED IN HEAVY DUTY STUB.

FYG = TYPE IX FLUORESCENT YELLOW-GREEN SHEETING REQUIRED.

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

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LT	STATION / R.P.	RT	RAMP NO.	SIGN NO.	PANEL SIZE	REFL SHTG BACK- GRND	REFL SHTG 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.) ALUM. SHEET INCREMENT	SIGN PANEL (SQ. FT.) SHEET ALUMINUM	SIGN PANEL (SQ. FT.) ALUM. SHEET INCREMENT	SIGN PANEL (SQ. FT.) 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
	89.109			R7-108	12x18	XI	XI											1.5											1					2 HR PARKING 8:30 AM TO
		RT																															5:30 PM MON-FRI RSFO
	88.113			M3-1B	24x12	IV	IV	1-0		2.25"/2.5" SQ TUBE		10-1		7-0	3-0	2.0									83			★	1				BB	NORTH
LT																																	
				M3-2B	24x12	IV	IV									2.0																	BB	EAST
				M1-2	24x24	IV	IV									3.2																	BB	BUSINESS LOOP 15
				M1-2	24x24	IV	IV									3.2																	BB	BUSINESS LOOP 90
	89.114			CITY-10	USE AS IS																												NO PARKING HERE TO CORNER ⬅
		RT																															/RESERVED HANDICAP PARKING
	89.116			CITY-9	USE AS IS																												NO PARKING IN DRIVEWAY
LT																																	/2 HR PARKING
	89.121			OH D3-1	36x12	IV	XI	MOUNT ON SIGNAL MASTARM								3.0													1					MAIN ST
LT																																	RSFO
				R3-5L	30x36	XI												7.5											1					LEFT TURN ONLY
																																	RSFO
	89.128			OH D3-1	36x12	IV	XI	MOUNT ON SIGNAL MASTARM								3.0													1					PARK ST
		RT																															RSFO
				R3-5L	30x36	XI												7.5																LEFT TURN ONLY
																																	NEW
	89.131			OH D3-1	36x12	IV	XI	MOUNT ON SIGNAL MASTARM								3.0													1					PARK ST
LT																																	RSFO
				R3-5L	30x36	XI												7.5											1					LEFT TURN ONLY
																																	RSFO
	89.135			OH D3-1	36x12	IV	XI	MOUNT ON SIGNAL MASTARM								3.0													1					MAIN ST
		RT																															RSFO
				R3-5L	30x36	XI												7.5																LEFT TURN ONLY
																																	RSFO
	89.138			CITY-11	USE AS IS																												2 HR PARKING/ NO PARKING
		RT																															HERE TO CORNER ➡
	89.139			CITY-7	USE AS IS																												NO PARKING HERE TO CORNER ⬅
LT																																	/30 MINUTE PARKING
	89.152			CITY-4	USE AS IS																												NO PARKING STREET CLEANING
LT																																	DISTRICT/2 HR PARKING
	89.152			M3-4B	24x12	IV	IV	MOUNT ON LUMINAIRE POLE						7-0		2.0													1					WEST
		RT																															RSFO
				M3-3B	24x12	IV	IV									2.0																		SOUTH
																																	RSFO
				M1-2	24x24	IV	IV									3.2																		BUSINESS LOOP 15
																																	RSFO
				M1-2	24x24	IV	IV									3.2																		BUSINESS LOOP 90
																																	RSFO
	89.162			W11-2	30x30	XI		1-0		2.5" SQ TUBE		11-7		7-1	3-0			6.3							59			▲	1				FY	
		RT																																
				W16-9P	24x12	XI												2.0															FY	AHEAD
																																	NEW
	89.166			CITY-4	USE AS IS																												NO PARKING STREET CLEANING
		RT																															DISTRICT/2 HR PARKING
	89.173			CITY-6	USE AS IS																												RESERVED HANDICAP PARKING
LT																																	ONLY
	89.178			CITY-12	USE AS IS																												NO PARKING IN CROSSWALK/
		RT																															RESERVED HANDICAP PARKING
	89.180			CITY-3	USE AS IS																												BUS STOP
LT																																	

▲ SINGLE SQUARE TUBE REQUIRED. MOUNTED IN HEAVY DUTY STUB.

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

FY = TYPE IX FLUORESCENT YELLOW SHEETING REQUIRED.

BB = BACKBRACING REQUIRED:
-FOR WOOD POST 2"x 4" REQ'D.
-FOR STRUCTURAL STEEL 2"x 2"x ¼" ANGLE IRON REQ'D.

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

RSFO = REPLACE SIGN FACE ONLY

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	89.183			W11-2	30x30	XI							7-0					6.3												1				FY	RSFO
		RT		S2-1S	REMOVE																													STOP WHEN OCCUPIED
				W16-7PL	24x12	XI												2.0																FY	← RSFO
	89.190			W11-2	30x30	XI							7-0					6.3												1					
LT				S2-1S	REMOVE																														STOP WHEN OCCUPIED
				W16-7PL	24x12	XI												2.0																FY	← NEW
	89.199			CITY-4	USE AS IS																														NO PARKING STREET CLEANING
		RT																																DISTRICT/2 HR PARKING
	89.218			CITY-6	USE AS IS																														RESERVED HANDICAP
LT																																		PARKING
	89.221			W11-2	30x30	XI		MOUNT ON LUMINAIRE POLE						7-7				6.3												1				FY	
LT																																		RSFO
				W16-9P	24x12	XI												2.0																FY	AHEAD
																																		NEW
	89.223			CITY-6	USE AS IS																														RESERVED HANDICAP
LT																																		PARKING
	89.229			R7-108	12x18	XI	XI							7-0				1.5												1					2 HR PARKING 8:30 AM TO 5:30 PM
		RT																																MON-FRI RSFO
	89.235			R6-1R	36x12	XI								7-0				3.0												1					ONE WAY RIGHT RSFO
		RT																																MOUNT SIGNS BACK TO BACK
				R6-1L	36x12	XI												3.0																	ONE WAY LEFT RSFO
																																		MOUNT SIGNS BACK TO BACK
				R3-2L	24x24	XI												4.0																	NO LEFT TURN SYMBOL RSFO
																																		MOUNT SIGNS BACK TO BACK
				R3-2R	24x24	XI												4.0																	NO RIGHT TURN SYMBOL RSFO
																																		MOUNT SIGNS BACK TO BACK
	89.238			R5-1	30x30	XI								7-0				6.3												1					DO NOT ENTER RSFO
		RT																																MOUNT SIGNS BACK TO BACK
				R7-108	12x18	XI	XI											1.5																	2 HR PARKING 8:30 AM TO 5:30 PM MON-
																																		RSFO MOUNT SIGNS BACK TO BACK
	89.245			(2) D3-1	30x10	IV	IV							7-0		4.2												1					W PARK ST
		RT																																RSFO
				(2) D3-1	36x10	IV	IV									5.0																	N DAKOTA ST
																																		RSFO
				R1-1	30x30	XI	XI											5.2																	
																																		RSFO
	89.253			R6-1L	36x12	XI		MOUNT ON LUMINAIRE POLE										3.0												1					ONE WAY LEFT RSFO
LT																																		MOUNT SIGNS BACK TO BACK
				R6-1R	36x12	XI												3.0																	ONE WAY RIGHT RSFO
																																		MOUNT SIGNS BACK TO BACK
	89.265			M3-3B	24x12	IV	IV							7-0		2.0												1					SOUTH
		RT																																RSFO
				M3-4B	24x12	IV	IV									2.0																			WEST
																																		RSFO
				M1-2	24x24	IV	IV									3.2																			BUSINESS LOOP 15
																																		RSFO
				M1-2	24x24	IV	IV									3.2																			BUSINESS LOOP 90
																																		RSFO
				M5-1BL	21x15	IV	IV									2.2																			← RSFO
				M5-1BL	21x15	IV	IV									2.2																			← RSFO

FY = TYPE IX FLUORESCENT YELLOW SHEETING REQUIRED.

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

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																IV	IV	XI	XI																NO PARKING STREET CLEANING/ DISTRICT/2 HR PARKING
	89.267	RT		CITY-4	USE AS IS																													
	89.281			M3-1B	24x12	IV	IV							7-0		2.0														1					NORTH
LT																																		
				M3-2B	24x12	IV	IV									2.0																			EAST
				M1-2	24x24	IV	IV									3.2																			BUSINESS LOOP 15
				M1-2	24x24	IV	IV									3.2																			BUSINESS LOOP 90
	89.284			CITY-4	USE AS IS																													NO PARKING STREET CLEANING/ DISTRICT/2 HR PARKING
LT																																		
	89.289			CITY-8	USE AS IS																													30 MIN PARKING
		RT																																
	89.298			OH D3-1	54x12	IV	XI	MOUNT ON SIGNAL MASTARM								4.5														1					MONTANA ST RSFO
LT				R3-5L	30x36	XI												7.5												1					LEFT TURN ONLY RSFO
				R3-5R	30x36	XI												7.5												1					RIGHT TURN ONLY RSFO
	89.303			OH D3-1	48x12	IV	XI	MOUNT ON SIGNAL MASTARM								4.0														1					W PARK ST RSFO
		RT		R3-5L	30x36	XI												7.5												1					LEFT TURN ONLY RSFO
				CITY-13	USE AS IS																													WORLD MUSEUM OF MINING ➡
	89.311			OH D3-1	48x12	IV	XI	MOUNT ON SIGNAL MASTARM								4.0														1					W PARK ST RSFO
LT				R3-5L	30x36	XI												7.5												1					LEFT TURN ONLY RSFO
	89.316			OH D3-1	54x12	IV	XI	MOUNT ON SIGNAL MASTARM								4.5														1					MONTANA ST RSFO
		RT		R3-5L	30x36	XI												7.5												1					LEFT TURN ONLY RSFO
ROUTE N 29 (MONTANA ST)																																		
	89.328	RT		R7-108	12x18	XI	XI							7-0				1.5												1					2 HR PARKING 9:00 AM TO 6:00 PM RSFO
				CITY-17	USE AS IS																													30 MINUTE PARKING
	89.341	RT		M3-1B	24x12	IV	IV							7-0		2.0														1					NORTH RSFO
				M3-1B	24x12	IV	IV									2.0																			EAST RSFO
				M1-2	24x24	IV	IV									3.2																			BUSINESS LOOP 15 RSFO
				M1-2	24x24	IV	IV									3.2																			BUSINESS LOOP 90 RSFO
				M5-1BR	21x15	IV	IV									2.2																			↱ RSFO
				M5-1BR	21x15	IV	IV									2.2																			↱ RSFO
	89.343	RT		W11-2	36x36	XI		1-0		2.25"/2.5" SQ TUBE		11-1		7-7	3-0			9.0							88			★	1				FY	
				W16-9P	30x18	XI												3.8																FY	AHEAD NEW
	89.347	RT		R7-108	12x18	XI	XI							7-0				1.5												1					2 HR PARKING 8:30 AM TO 5:30 PM MON-FRI RSFO
	89.351	RT		POST	REMOVE																									1					SIGN POLE NO SIGN

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

FY = TYPE IX FLUORESCENT YELLOW SHEETING REQUIRED.

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

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	89.353			CITY-18	USE AS IS																													BERKELEY PIT
LT																																		HISTORIC DISTRICT
	89.354			R7-108	12x18	XI	XI							7-0				1.5												1					2 HR PARKING 9:00 AM TO
LT																																		6:00 PM RSFO
	89.359			(2) D3-1	42x10	IV	IV	MOUNT ON LUMINAIRE						7-0		5.8													1					S MONTANA ST
LT																																		RSFO
				(2) D3-1	42x10	IV	IV									5.8																		W GALENA ST
																																		RSFO
				R1-1	30x30	XI	XI											5.2																
	89.361			W11-2	36x36	XI								7-7				9.0												1				FY	RSFO
		RT																																
				S2-1S	REMOVE																														STOP WHEN OCCUPIED
				W16-7PL	30x18	XI												3.8															FY	NEW
	89.370			(2) D3-1	42x10	IV	IV	MOUNT ON LUMINAIRE						7-0		5.8													1					S MONTANA ST
		RT																																NEW
				(2) D3-1	42x10	IV	IV									5.8																		W GALENA ST
																																		NEW
				R1-1	30x30	XI	XI											5.2																
																																		RSFO
	89.370			CITY-2	USE AS IS																														EVIL KNIEVEL LOOP BUTTE
		RT																																MONTANA
	89.372			M3-3B	24x12	IV	IV	1-0		2.25"/2.5" SQ TUBE		10-1		7-0	3-0	2.0									83				1				BB	SOUTH
		RT																																
				M3-4B	24x12	IV	IV									2.0																	BB	WEST
				M1-2	24x24	IV	IV									3.2																	BB	BUSINESS LOOP 15
				M1-2	24x24	IV	IV									3.2																	BB	BUSINESS LOOP 90
																																		REPLACE FROM 89.383
	89.373			W11-2	36x36	XI								7-7				9.0												1				FY	RSFO
LT																																		
				S2-1S	REMOVE																														STOP WHEN OCCUPIED
				W16-7PL	30x18	XI												3.8															FY	NEW
	89.383			R7-108	12x18	XI	XI							7-0				1.5												1					2 HR PARKING 9:00 AM TO
		RT																																TO 6:00 PM RSFO
	89.406			W11-2	36x36	XI		1-0		2.25"/2.5" SQ TUBE		11-1		7-7	3-0			9.0							88				1				FY	
LT																																		
				W16-7PL	30x18	XI												3.8															FY	AHEAD
																																		NEW
				R7-108	12x18	XI	XI											1.5																2 HR PARKING 9:15 AM TO
																																		6:00 PM
	89.407			CITY-2	USE AS IS																														EVIL KNIEVEL LOOP BUTTE
LT																																		MONTANA
	89.411			CITY-19	USE AS IS																														THE BUS STOPS HERE
		RT																																
	89.416			OH D3-1	60x12	IV	XI	MOUNT ON SIGNAL MASTARM								5.0													1					W MERCURY ST
LT																																		RSFO
	89.420			OH D3-1	60x12	IV	XI	MOUNT ON SIGNAL MASTARM								5.0													1					S MONTANA ST
		RT																																RSFO
	89.427			OH D3-1	60x12	IV	XI	MOUNT ON SIGNAL MASTARM								5.0													1					S MONTANA ST
LT																																		RSFO
	89.433			OH D3-1	60x12	IV	XI	MOUNT ON SIGNAL MASTARM								5.0													1					W MERCURY ST
		RT																																RSFO

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

FY = TYPE IX FLUORESCENT YELLOW SHEETING REQUIRED.

BB = BACKBRACING REQUIRED:
-FOR WOOD POST 2"x 4" REQ'D.
-FOR STRUCTURAL STEEL 2"x 2"x ¼" ANGLE IRON REQ'D.

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

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	89.436			CITY-19	USE AS IS																													THE BUS STOPS HERE
LT																																		
	89.472			CITY-20	USE AS IS																													HISTORIC UPTOWN BUTTE
LT																																		
	89.489			(2) D3-1	42x10	IV	IV	1-0		2.5" SQ TUBE		12-10		7-0	3-0	5.8									63			▲	1					S MONTANA ST
LT				(2) D3-1	36x10	IV	IV									5.0																		W SILVER ST
				R1-1	30x30	XI	XI											5.2																
	89.502			(2) D3-1	42x10	IV	IV	1-0		2.5" SQ TUBE		12-10		7-0	3-0	5.8									63			▲	1					S MONTANA ST
		RT		(2) D3-1	36x10	IV	IV									5.0																		W SILVER ST
				R1-1	30x30	XI	XI											5.2																
	89.504			R14-1	24x18	XI		MOUNT ON LUMINAIRE POLE										3.0												1					TRUCK ROUTE
		RT		M6-3	21x15	XI												2.2																RSFO
LT	89.504			CITY-19	USE AS IS																													THE BUS STOPS HERE
	89.505			R3-9B	24x36	XI		1-0		2.5" SQ TUBE		11-7		7-0	3-0			6.0							59			▲	1					
		RT																																
	89.515			R2-1	24x30	XI								7-0				5.0											1					SPEED LIMIT 25
		RT																																RSFO
	89.559			(2) D9-2	24x24	IV	IV							7-0		8.0													1					HOSPITAL ⬅ RSFO
		RT																																SIGNS MOUNTED BACK TO BACK
				(2) D9-2B	24x6	IV	IV									2.0																		HOSPITAL ➡ RSFO
																																		SIGNS MOUNTED BACK TO BACK
	89.560			(2) D3-1	42x10	IV	IV	1-0		2.5" SQ TUBE		12-10		7-0	3-0	5.8									63			▲	1					S MONTANA ST
LT				(2) D3-1	42x10	IV	IV									5.8																		W PORPHYRY ST
				R1-1	30x30	XI	XI											5.2																
	89.573			(2) D3-1	42x10	IV	IV	4-0		2.5" SQ TUBE		12-10		7-0	3-0	5.8									63			▲	1					S MONTANA ST
		RT		(2) D3-1	42x10	IV	IV									5.8																		W PORPHYRY ST
				R1-1	30x30	XI	XI											5.2																
	89.575			CITY-2	USE AS IS																													EVIL KNIEVEL LOOP BUTTE
		RT																																
	89.584			M3-3B	24x12	IV	IV	1-0		2.25"/2.5" SQ TUBE		10-1		7-0		2.0									83			★	1				BB	SOUTH
		RT																																RSFO REPLACE FROM 89.610
				M3-4B	24x12	IV	IV									2.0																	BB	WEST
																																		RSFO
				M1-2	24x24	IV	IV									3.2																	BB	BUSINESS LOOP 15
																																		RSFO
				M1-2	24x24	IV	IV									3.2																	BB	BUSINESS LOOP 90
																																		RSFO
	89.626			CITY-23	USE AS IS																													HOSPITAL NEXT LEFT
LT																																		⬅
	89.630			(2) D3-1	42x10	IV	IV	1-0		2.5" SQ TUBE		12-10		7-0	3-0	5.8									63			▲	1					S MONTANA ST
LT				(2) D3-1	36x10	IV	IV									5.0																		W GOLD ST
				R1-1	30x30	XI	XI											5.2																

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

▲ SINGLE SQUARE TUBE REQUIRED. MOUNTED IN HEAVY DUTY STUB.

BB = BACKBRACING REQUIRED:
-FOR WOOD POST 2"x 4" REQ'D.
-FOR STRUCTURAL STEEL 2"x 2"x ¼" ANGLE IRON REQ'D.

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

RSFO = REPLACE SIGN FACE ONLY

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SIGN LOCATION AND SPECIFICATION

LT	STATION / R.P.	RT	RAMP NO.	SIGN NO.	PANEL SIZE	REFL SHTG BACK- GRND	REFL SHTG 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.) ALUM. SHEET INCREMENT	SIGN PANEL (SQ. FT.) SHEET ALUMINUM	SIGN PANEL (SQ. FT.) ALUM. SHEET INCREMENT	SIGN PANEL (SQ. FT.) 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
	89.644			(2) D3-1	42x10	IV	IV	1-0		2.5" SQ TUBE		12-10		7-0	3-0	5.8									63			▲	1						S MONTANA ST
		RT																																
				(2) D3-1	36x10	IV	IV									5.0																			W GOLD ST
				R1-1	30x30	XI	XI											5.2																
	89.648			CITY-2	USE AS IS																													EVIL KNIEVEL LOOP BUTTE
		RT																																MONTANA
				CITY-24	USE AS IS																													BUTTE SILVER BOW
																																		RECYCLING
	89.705			OH D3-1	60x12	IV	XI	MOUNT ON SIGNAL MASTARM								5.0													1					W PLATINUM ST
LT																																		RSFO
	89.708			OH D3-1	60x12	IV	XI	MOUNT ON SIGNAL MASTARM								5.0													1					S MONTANA ST
		RT																																RSFO
	89.714			OH D3-1	60x12	IV	XI	MOUNT ON SIGNAL MASTARM								5.0													1					S MONTANA ST
LT																																		RSFO
	89.716			OH D3-1	60x12	IV	XI	MOUNT ON SIGNAL MASTARM								5.0													1					W PLATINUM ST
		RT																																RSFO
	89.806			R2-1	36x48	XI		MOUNT ON LUMINAIRE POLE						8-0				12.0											1					SPEED LIMIT 25
		RT																																RSFO
	89.833			(2) D3-1	42x10	IV	IV	1-0		2.5" SQ TUBE		12-10		7-0	3-0	5.8									63			▲	1					S MONTANA ST
LT																																		NEW
				(2) D3-1	42x10	IV	IV									5.8																		W ALUMINUM ST
				R1-1	30x30	XI	XI											5.2																
	89.845			(2) D3-1	42x10	IV	IV	1-0		2.5" SQ TUBE		12-10		7-0	3-0	5.8									63			▲	1					S MONTANA ST
		RT																																
				(2) D3-1	42x10	IV	IV									5.8																		W ALUMINUM ST
				R1-1	30x30	XI	XI											5.2																
	89.868			R2-1	30x36	XI		1-0		2.5" SQ TUBE		11-6		7-0	3-0			7.5							59			▲	1					SPEED LIMIT 25
LT																																		
	89.870			M3-3B	24x12	IV	IV							7-0		2.0													1					SOUTH
		RT																																RSFO
				M3-4B	24x12	IV	IV									2.0																		WEST
																																		RSFO
				M1-2	24x24	IV	IV									3.2																		BUSINESS LOOP 15
																																		RSFO
				M1-2	24x24	IV	IV									3.2																		BUSINESS LOOP 90
																																		RSFO
				M5-1BR	21x15	IV	IV									2.2																		RSFO
				M5-1BR	21x15	IV	IV									2.2																		RSFO
	89.895			M3-3B	24x12	IV	IV	1-0		2.25"/2.5" SQ TUBE		10-1		7-0	3-0	2.0									83			★	1				BB	NORTH
LT																																		
				M3-4B	24x12	IV	IV									2.0																	BB	EAST
				M1-2	24x24	IV	IV									3.2																	BB	BUSINESS LOOP 15
				M1-2	24x24	IV	IV									3.2																	BB	BUSINESS LOOP 90

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

▲ SINGLE SQUARE TUBE REQUIRED. MOUNTED IN HEAVY DUTY STUB.

BB = BACKBRACING REQUIRED:
-FOR WOOD POST 2"x 4" REQ'D.
-FOR STRUCTURAL STEEL 2"x 2"x ¼" ANGLE IRON REQ'D.

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

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	89.900			M3-3B	24x12	IV	IV	1-0		3.5" DIA PIPE		11-5		7-0	3-0	2.0								104				■	1						SOUTH
		RT																																	MOVE FROM RP 89.906
				M3-4B	24x12	IV	IV									2.0																			WEST
																																		MOVE FROM RP 89.906
				M1-2	24x24	IV	IV									3.2																			BUSINESS LOOP 15
																																		MOVE FROM RP 89.906
				M1-2	24x24	IV	IV									3.2																			BUSINESS LOOP 90
																																		MOVE FROM RP 89.906
				M6-1BR	21x15	IV	IV									2.2																			
																																		MOVE FROM RP 89.906
				M6-1BR	21x15	IV	IV									2.2																			
																																		MOVE FROM RP 89.906
	89.905			OH D3-1	42x12	IV	XI	MOUNT ON SIGNAL MASTARM								3.5														1					W IRON ST
LT																																		RSFO
	89.913			OH D3-1	60x12	IV	XI	MOUNT ON SIGNAL MASTARM								5.0														1					S MONTANA ST
		RT																																RSFO
ROUTE N-120 (MONTANA ST)																																		
	0.002			R3-8E	48x30	XI								7-0				10.0											1					*
LT																																		RSFO
	0.003			OH D3-1	60x12	IV	XI	MOUNT ON SIGNAL MASTARM								5.0														1					S MONTANA ST
LT																																		RSFO
	0.011			OH D3-1	42x12	IV	XI	MOUNT ON SIGNAL MASTARM								3.5														1					W IRON ST
		RT																																RSFO
	0.019			R2-1	30x36	XI		1-0		2.5" SQ TUBE		11-6		7-0	3-0			7.5						59				▲	1					SPEED LIMIT 35
	0.047	RT		CITY-2	USE AS IS																													EVIL KNIEVEL LOOP BUTTE MONTANA
	0.047			W10-1	36" DIA	XI		MOUNT ON LUMINAIRE POLE						8-0				7.1												1					RAILROAD TRACKS
		RT																																REPLACE FROM 0.056
	0.074			(2) D3-1	42x10	IV	IV	2-0		2.5" SQ TUBE		12-10		7-0	3-0	5.8								63				▲	1					S MONTANA ST
		RT		(2) D3-1	42x10	IV	IV									5.8																			TECUMSEH WAY
				R1-1	30x30	XI	XI											5.2																	
	0.085			M2-1B	21x15	IV	IV	1-0		2.25"/2.5" SQ TUBE		10-4		7-0	3-0	2.2								84				★	1				BB	JCT
LT																																		
				M2-1B	21x15	IV	IV									2.2																	BB	JCT
				M1-2	24x24	IV	IV									3.2																	BB	BUSINESS LOOP 15
				M1-2	24x24	IV	IV									3.2																	BB	BUSINESS LOOP 90
	0.118			(2) D3-1	42x10	IV	IV	2-0		2.5" SQ TUBE		12-10		7-0	3-0	5.8								63				▲	1					S MONTANA ST
		RT																																NEW
				(2) D3-1	36x10	IV	IV									5.0																			BRYANT ST
																																		NEW
				R1-1	30x30	XI	XI											5.2																	
	0.124			S1-1	36x36	XI		MOUNT ON LUMINAIRE POLE						7-1				6.8												1				FYG	
		RT																																RSFO
				W16-9P	24x12	XI												2.0															FYG	AHEAD
																																		NEW
	0.166			R2-1	30x36	XI		1-0		2.5" SQ TUBE		11-6		7-0	3-0			7.5						59				▲	1					SPEED LIMIT 35
LT																																		
	0.188			W10-1	DIA=36	XI		1-0		2.5" SQ TUBE		11-6		7-0	3-0			7.1						59				▲	1					
LT																																		

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

▲ SINGLE SQUARE TUBE REQUIRED. MOUNTED IN HEAVY DUTY STUB.

FY = TYPE IX FLUORESCENT YELLOW SHEETING REQUIRED.

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

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* 

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LT	STATION / R.P.	RT	RAMP NO.	SIGN NO.	PANEL SIZE	REFL SHTG BACK- GRND	REFL SHTG 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.) ALUM. SHEET INCREMENT	SIGN PANEL (SQ. FT.) SHEET ALUMINUM	SIGN PANEL (SQ. FT.) ALUM. SHEET INCREMENT	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
	0.197			(2) D3-1	42x10	IV	IV	5-0		2.5" SQ TUBE		12-10		7-0	3-0	5.8									63			▲	1						S MONTANA ST
LT				(2) D3-1	42x10	IV	IV									5.8																			W SECOND ST
				R1-1	30x30	XI	XI											5.2																	
	0.205			S1-1	36x36	XI		4-0		2.25" /2.5" SQ TUBE		10-7		7-7	3-0			6.8							86			★	1				FYG		
		RT		W16-7PL	30x18	XI												3.8															FYG		
	0.212			S1-1	36x36	XI		1-0		2.25" /2.5" SQ TUBE		10-7		7-7	3-0			6.8							86			★	1				FYG		
LT				W16-7PL	30x18	XI												3.8															FYG		NEW
	0.219			R14-1	24x18	XI		1-0		2.5" SQ TUBE		11-4		7-0	3-0			3.0							59			▲	1						TRUCK ROUTE
LT				M6-1R	21x15	XI												2.2																	
	0.283			CITY-2	USE AS IS																														EVIL KNIEVEL LOOP BUTTE
		RT																																MONTANA
	0.313			R2-1	30x36	XI		1-0		2.5" SQ TUBE		11-6		7-0	3-0			7.5							59			▲	1						SPEED LIMIT 35
LT	0.329			S1-1	36x36	XI		MOUNT ON LUMINAIRE						7-0				6.8											1				FYG		RSFO
				S4-3	REMOVE																														SCHOOL
				W16-9P	24x12	XI												2.0																	AHEAD
																																		NEW
	0.367			W99-1	REMOVE																								1						REMOVE BLANK SIGNS AND
		RT																																POLE
	0.445			(2) D3-1	42x10	IV	IV	5-0		2.5" SQ TUBE		12-10		7-0	3-0	5.8									63			▲	1						S MONTANA ST
LT				(2) D3-1	36x10	IV	IV									5.0																			HOLLAND ST
				R1-1	30x30	XI	XI											5.2																	
	0.448			CITY-2	USE AS IS																														EVIL KNIEVEL LOOP BUTTE
LT																																			MONTANA
	0.483			W12-2	USE AS IS																														LOW CLEARANCE SYMBOL 14-4
		RT																																	
	0.503			CITY-25	USE AS IS																														NATIONAL EXCHANGE CLUB
LT																																			
	0.513			W11-10	36x36	XI								7-7				9.0											1				FY		TRUCK SYMBOL
		RT																																	RSFO
				W16-2P	30x18	XI												3.8															FY		200 FT
																																			RSFO
	0.518			CITY-26	USE AS IS																														ANIMAL SHELTER LEFT
LT																																			
	0.534			R2-1	30x36	XI								7-0				7.5											1						SPEED LIMIT 35
		RT																																	RSFO
	0.534			R14-1	24x18	XI		MOUNT ON LUMINAIRE POLE						7-0				3.0											1						TRUCK ROUTE
		RT																																	RSFO
				M6-3	21x15	XI												2.2																	
	0.551			N6-2	42x18	IV	IV							7-0		5.3													1						SILVER BOW CREEK
		RT																																	RSFO

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

▲ SINGLE SQUARE TUBE REQUIRED. MOUNTED IN HEAVY DUTY STUB.

FYG = TYPE IX FLUORESCENT YELLOW-GREEN SHEETING REQUIRED.

FY = TYPE IX FLUORESCENT YELLOW SHEETING REQUIRED.

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

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	0.563			CITY-26	USE AS IS																													NO PARKING BETWEEN SIGNS
		RT																																
	0.570			CITY-26	USE AS IS																													NO PARKING BETWEEN SIGNS
LT																																		
	0.571			N6-2	42x18	IV	IV							7-0		5.3														1				SILVER BOW CREEK
LT																																		RSFO
	0.584			IS10-99	198x36	IV	IV							7-0			49.5															1		⬅ VISITOR INFO AND
		RT																																TRANSPORTATION CENTER RSFO
	0.595			G30-116	156x36	IV	IV										39.0															1		WELCOME TO THE BUTTE NAT'L
LT																																		HISTORIC LANDMARK DISTRICT
	0.604			W11-10	36x36	XI		10-0		2.25"/2.5" SQ TUBE		11-10		7-7	3-0			9.0							93				★	1				FY	TRUCK SYMBOL
LT																																		
				W16-2P	30x18	XI												3.8																FY	200 FT
	0.614			(2) CITY-28	USE AS IS																													BSB CHAMBER OF COMMERCE
LT																																		
				(2) CITY-29	USE AS IS																													KOA KAMPGROUND ➡
	0.621			(2) D3-1	42x10	IV	IV	2-0		2.5" SQ TUBE		12-10		7-0	3-0	5.8									63				▲	1				S MONTANA ST
LT																																		
				(2) D3-1	30x10	IV	IV									4.2																		GEORGE ST
				R1-1	30x30	XI	XI											5.2																
	0.621			M2-1A	21x15	IV	IV	MOUNT ON LUMINAIRE POLE						7-0		2.2														1				JCT
		RT																																
				M1-1	24x24	IV	IV									3.2																		15
				M1-1	24x24	IV	IV									3.2																		90
	0.623			R7-1	12x18	XI	XI	4-0		2.0" SQ TUBE		10-0		7-0	3-0			1.5							43				▲	1				NO PARKING ANYTIME
		RT																																
	0.655			W12-2	36x36	XI												9.0												1				LOW CLEARANCE SYMBOL
LT																																		14'4" RSFO
	0.668			R14-1	24x18	XI		MOUNT ON LUMINAIRE POLE						7-0				3.0												1				TRUCK ROUTE
LT																																		RSFO
				M6-3	21x15	XI												2.2																⬆ NEW
				CITY-30	USE AS IS																													
	0.669			CITY-31	USE AS IS																													CHINATOWN ⬆
LT																																		
				CITY-29	USE AS IS																													KOA KAMPGROUND ➡
	0.689			G13-43	USE AS IS																													SOUTH I-15 WEST I-90
		RT																																NEXT RIGHT
	0.696			IS16-6	198x36	IV	IV							7-0			49.5														1			VISITOR INFO AND ➡
LT																																		TRANSPORTATION CENTER RSFO
	0.719			(2) D3-1	42x10	IV	IV	2-0		2.5" SQ TUBE		13-4		7-0	3-0	5.8									65				▲	1				S MONTANA ST
		RT																																
				(2) D3-1	36x10	IV	IV									5.0																		OXFORD ST
				R1-1	36x36	XI	XI											7.5																
	0.728			R2-1	30x36	XI		5-0		2.5" SQ TUBE		11-6		7-0	3-0			7.5							59				▲	1				SPEED LIMIT 35
LT																																		
	0.738			R3-2B	USE AS IS																													NO LEFT TURN
		RT																																

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

▲ SINGLE SQUARE TUBE REQUIRED. MOUNTED IN HEAVY DUTY STUB.

FY = TYPE IX FLUORESCENT YELLOW SHEETING REQUIRED.

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

RSFO = REPLACE SIGN FACE ONLY

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SIGN LOCATION AND SPECIFICATION

LT	STATION / R.P.	RT	RAMP NO.	SIGN NO.	PANEL SIZE	REFL SHTG BACK- GRND	REFL SHTG 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.) ALUM. SHEET INCREMENT	SIGN PANEL (SQ. FT.) SHEET ALUMINUM	SIGN PANEL (SQ. FT.) ALUM. SHEET INCREMENT	SIGN PANEL (SQ. FT.) 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
	0.738			R6-1L	USE AS IS											IV	IV	XI	XI																ONE WAY LEFT
LT																																			
				R6-1R	USE AS IS																														ONE WAY RIGHT
				R5-1	USE AS IS																														DO NOT ENTER
	0.751			G13-44	USE AS IS																														SOUTH I-15 WEST I-90
		RT																																	➡
	0.752			R6-1L	USE AS IS																														ONE WAY LEFT
LT																																			
				R6-1R	USE AS IS																														ONE WAY RIGHT
				R1-1	USE AS IS																														
	0.753			R2-1	30x36	XI		MOUNT ON LUMINAIRE POLE						7-0				7.5												1					SPEED LIMIT 35
		RT																																	
	0.753			CITY-2	USE AS IS																														EVIL KNIEVEL LOOP BUTTE
		RT																																	MONTANA
	0.753			G13-42	USE AS IS																														SOUTH I-15 WEST I-90
LT																																			⬅
	0.755			R3-1B	USE AS IS																														NO RIGHT TURN
LT																																			
	0.760			W99-1	REMOVE																										1				REMOVE BLANK SIGNS AND
		RT																																	POLE
ROUTE N 121 (FRONT ST)																																			
	0.000			OH D3-1	60x12	IV	XI	MOUNT ON SIGNAL MASTARM								5.0													1					S MONTANA ST
LT																																			RSFO
				G1-99	60x18	IV	IV									7.5													1					HISTORIC UPTOWN
																																			BUTTE ➡ RSFO
	0.002			OH D3-2LA	84x24	IV	XI	MOUNT ON SIGNAL MASTARM								14.0													1					CENTENNIAL DR ➡ RSFO
		RT																																	⬅ W FRONT ST
	0.008			OH D3-2LA	84x24	IV	XI	MOUNT ON SIGNAL MASTARM								14.0													1					W FRONT ST ➡
LT																																			⬅ CENTENNIAL DR RSFO
				CITY-14	USE AS IS																														WORLD MUSEUM OF MINING
	0.012			OH D3-1	60x12	IV	XI	MOUNT ON SIGNAL MASTARM								5.0													1					S MONTANA ST
		RT																																	RSFO
	0.016			CITY-15	USE AS IS																														MINING MUSEUM HISTORIC
LT																																			DISTRICT
				CITY-16	USE AS IS																														WORLD MINING MUSEUM
	0.017			R2-1	24x30	XI								7-0				5.0											1					SPEED LIMIT 35
		RT																																	RSFO
	0.043			S1-1	36x36	XI		1-0		2.5" SQ TUBE		11-7		7-1	3-0			6.8							59			▲	1				FYG	
		RT																																	NEW
				W16-9P	24x12	XI												2.0															FYG	AHEAD
																																			NEW
	0.069			R3-8B	48x30	XI								7-0				10.0											1					Δ
LT																																			RSFO
	0.078			R3-9J	24x42	XI								7-0				7.0											1					
		RT																																	RSFO
	0.099			S1-1	36x36	XI								7-7				6.8											1					
		RT																															FYG	RSFO
				W16-7PL	30x18	XI												3.8															FYG	↙ RSFO

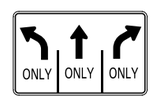
▲ SINGLE SQUARE TUBE REQUIRED. MOUNTED IN HEAVY DUTY STUB.

FYG = TYPE IX FLUORESCENT YELLOW-GREEN SHEETING REQUIRED.

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

RSFO = REPLACE SIGN FACE ONLY

Δ



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SIGN LOCATION AND SPECIFICATION

LT	STATION / R.P.	RT	RAMP NO.	SIGN NO.	PANEL SIZE	REFL SHTG BACK- GRND	REFL SHTG 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 IV	SIGN PANEL (SQ. FT.) ALUM. SHEET INCREMENT IV	SIGN PANEL (SQ. FT.) SHEET ALUMINUM XI	SIGN PANEL (SQ. FT.) ALUM. SHEET INCREMENT XI	SIGN PANEL (SQ. FT.) 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
	0.103			(2) D3-1	36x10	IV	IV							7-0		5.0													1					W FRONT ST
LT																																		RSFO
				(2) D3-1	42x10	IV	IV									5.8																			S DAKOTA ST
																																		RSFO
				R1-1	30x30	XI	XI											5.2																	
	0.115																																	RSFO
		RT		(2) D3-1	36x10	IV	IV	2-0		2.5" SQ TUBE		12-10		7-0	3-0	5.0									63			▲	1					W FRONT ST
				(2) D3-1	42x10	IV	IV									5.8																			S DAKOTA ST
				R1-1	30x30	XI	XI											5.2																	
	0.121																																	
LT				S1-1	36x36	XI								7-7				6.8											1				FYG	RSFO
				W16-7PL	30x18	XI												3.8															FYG	RSFO
	0.180																																	
LT				S1-1	36x36	XI		MOUNT ON LUMINAIRE POLE						7-1				6.8											1				FYG	
				W16-9P	24x12	XI												2.0															FYG	AHEAD NEW
	0.203																																	Δ
		RT		R3-8B	48x30	XI												10.0											1					RSFO
	0.217																																	
LT				R3-9B	24x36	XI								7-0				6.0											1					RSFO
	0.233																																	
LT				G1-100	REMOVE																								1					RECOVERY INVESTMENT
	0.242																																	← KAW AVE
LT				OH D3-2LA	66x24	IV	XI	MOUNT ON SIGNAL MASTARM								11.0													1					S MAIN ST → RSFO
	0.249																																	
		RT		OH D3-1	42x12	IV	XI	MOUNT ON SIGNAL MASTARM								3.5													1					FRONT ST RSFO
				OH R3-8B	48x30	XI												10.0											1					Δ
	0.256																																	
LT				OH D3-1	42x12	IV	XI	MOUNT ON SIGNAL MASTARM								3.5													1					FRONT ST RSFO
				R3-5L	30x36	XI												7.5											1					LEFT TURN ONLY RSFO
				R3-5	30x36	XI												7.5											1					STRAIGHT ONLY RSFO
				R3-5R	30x36	XI												7.5											1					RIGHT TURN ONLY RSFO
	0.262																																	
		RT		OH D3-2LA	66x24	IV	XI	MOUNT ON SIGNAL MASTARM								11.0													1					← S MAIN ST RSFO KAW AVE →
	0.287																																	*
LT				R3-8A	36x30	XI								7-0				7.5											1					RSFO
	0.304																																	
LT				(2) D3-1	36x10	IV	IV							7-0		5.0													1					E FRONT ST RSFO
				(2) D3-1	36x10	IV	IV									5.0																			MISSOURI ST RSFO
				R1-1	30x30	XI	XI											5.2																	
																																		RSFO
	0.328																																	
		RT		R3-9B	24x36	XI								7-0				6.0											1					RSFO
	0.360																																	
LT				(2) D3-1	36x10	IV	IV							7-0		5.0													1					E FRONT ST RSFO
				(2) D3-1	30x10	IV	IV									4.2																			IOWA AVE RSFO
				R1-1	30x30	XI	XI											5.2																	
																																		RSFO

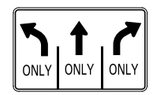
▲ SINGLE SQUARE TUBE REQUIRED. MOUNTED IN HEAVY DUTY STUB.

FYG = TYPE IX FLUORESCENT YELLOW-GREEN SHEETING REQUIRED.

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

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3 / 1	MDT MONTANA DEPARTMENT OF TRANSPORTATION	C:\DGN\9471000sisumz06.dgn 1/4/2022 11:18:17 AM CPS - U2160	DESIGNED BY REVIEWED BY CHECKED BY	SIGNING PLANS SILVER BOW COUNTY		BUTTE - URBAN (NHS) UPN 9471000	NH 1899(41) S17

AWARD COPY

SIGN LOCATION AND SPECIFICATION

LT	STATION / R.P.	RT	RAMP NO.	SIGN NO.	PANEL SIZE	REFL SHTG BACK- GRND	REFL SHTG 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.) ALUM. SHEET INCREMENT	SIGN PANEL (SQ. FT.) SHEET ALUMINUM	SIGN PANEL (SQ. FT.) ALUM. SHEET INCREMENT	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
																IV	IV	XI	XI																
	0.415			(2) D3-1	36x10	IV	IV							7-0		5.0														1					E FRONT ST
LT																																		RSFO
				(2) D3-1	42x10	IV	IV									5.8																			DELAWARE AVE
																																		RSFO
				R1-1	30x30	XI	XI											5.2																	
																																		RSFO
	0.460			R3-9B	24x36	XI								7-0				6.0												1					
LT																																		RSFO
	0.473			(2) D3-1	36x10	IV	IV							7-0		5.0														1					E FRONT ST
LT																																		RSFO
				(2) D3-1	42x10	IV	IV									5.8																			MARYLAND AVE
																																		RSFO
				R1-1	30x30	XI	XI											5.2																	
																																		RSFO
	0.500			R3-9B	24x36	XI								7-0				6.0												1					
		RT																																	RSFO
	0.527			(2) D3-1	36x10	IV	IV							7-0		5.0														1					E FRONT ST
LT																																		RSFO
				(2) D3-1	42x10	IV	IV									5.8																			CALIFORNIA ST
																																		RSFO
				R1-1	30x30	XI	XI											5.2																	
																																		RSFO
	0.583			(2) D3-1	36x10	IV	IV	2-0		2.5" SQ TUBE		12-10		7-0	3-0	5.0									63					1					E FRONT ST
LT																																		RSFO
				(2) D3-1	36x10	IV	IV									5.8																			NEVADA ST
																																		RSFO
				R1-1	30x30	XI	XI											5.2																	
																																		RSFO
	0.610			R2-1	24x30	XI		MOUNT ON LUMINAIRE POLE						7-0				5.0												1					SPEED LIMIT 35
LT																																		RSFO
	0.631			R3-8B	48x30	XI								7-0				10.0												1					Δ
		RT																																	RSFO
	0.640			(2) D3-1	36x10	IV	IV							7-0		5.0														1					E FRONT ST
LT																																		RSFO
				(2) D3-1	42x10	IV	IV									5.8																			S WYOMING ST
																																		RSFO
				R1-1	30x30	XI	XI											5.2																	
																																		RSFO
	0.660			R3-9J	24x42	XI								7-0				7.0												1					
LT																																		RSFO
	0.685			M1-2	24x24	IV	IV	2-0		2.25"/2.5" SQ TUBE		10-4		7-0	3-0	3.2									84					1				BB	BUSINESS LOOP 15
		RT																																	
				M1-2	24x24	IV	IV									3.2																		BB	BUSINESS LOOP 90
				M6-6BL	21x15	IV	IV									2.2																		BB	
				M6-6BL	21x15	IV	IV									2.2																		BB	
	0.696			R2-1	24x30	XI								7-0		5.0														1					SPEED LIMIT 35
LT																																		RSFO
TOTAL																886.6	138.0	963.7						208	3,910				216		3			

▲ SINGLE SQUARE TUBE REQUIRED. MOUNTED IN HEAVY DUTY STUB.

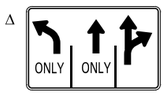
★ TELESCOPED SQUARE TUBES (2¼" & 2½") WITH SLIP BASE BREAKAWAY REQUIRED. MOUNTED IN HEAVY DUTY STUB.

BB = BACKBRACING REQUIRED:
-FOR WOOD POST 2"x 4" REQ'D.
-FOR STRUCTURAL STEEL 2"x 2"x ¼" ANGLE IRON REQ'D.

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

RSFO = REPLACE SIGN FACE ONLY

Δ



SQUARE TUBE SUPPORT		
TUBE SIZE	WEIGHT	WALL THICKNESS
2"	2.42 lbs/ft	0.105" (12 GAUGE)
2¼"	2.77 lbs/ft	0.105" (12 GAUGE)
2½"	3.14 lbs/ft	0.105" (12 GAUGE)

SQUARE TUBE ANCHOR		
TUBE SIZE	WEIGHT	WALL THICKNESS
2½"	18.36 lbs ea.	0.135"
3"	22.98 lbs ea.	0.188"

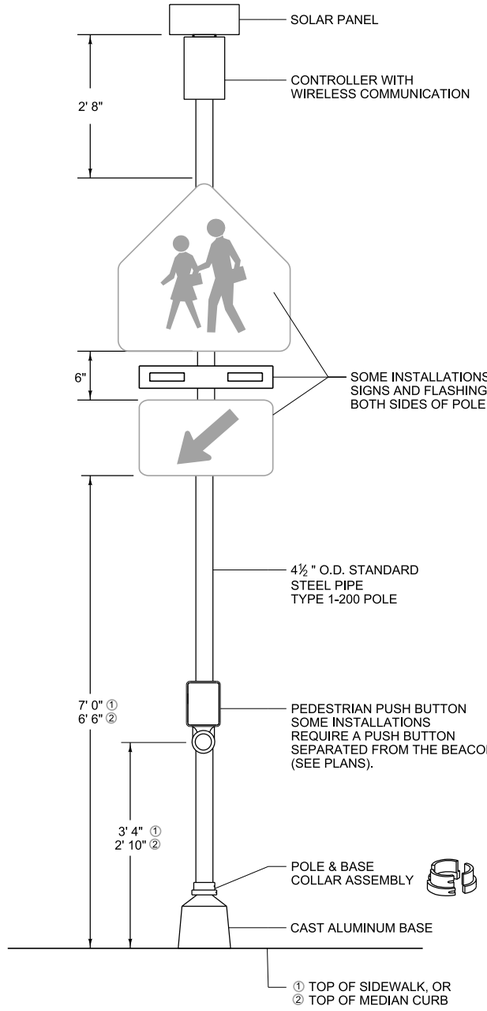
For estimating purposes only.

ROUND PIPE SUPPORT	
TUBE SIZE	WEIGHT
2 ½"	5.79 lbs/ft
3"	7.58 lbs/ft
3½"	9.11 lbs/ft
4"	10.79 lbs/ft
5"	14.62 lbs/ft

For estimating purposes only.

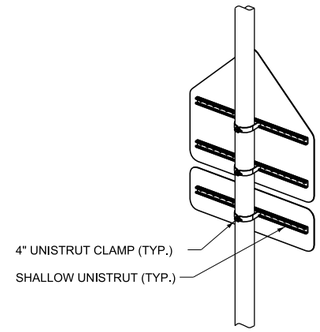
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SIGN BACKBRACING
IS REQUIRED.

USE 5/16" STAINLESS STEEL
BOLTS WITH PLASTIC WASHERS
ON SIGN FACE.



5" x 7¾" ALUMINUM
SIGN, BLACK LETTERS
ON WHITE BACKGROUND.

BACK OF CASTING SHAPED TO
FIT CURVATURE OF POST.



PEDESTRIAN PUSH BUTTON

NOTES:

RECTANGULAR RAPID FLASHING
BEACON MUST MEET FHWA
INTERIM APPROVAL REQUIREMENTS.

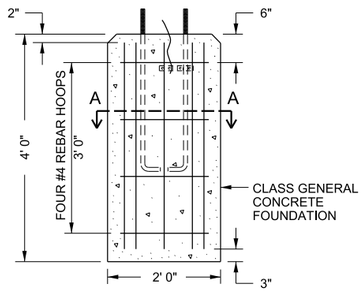
FOR SIGN DETAILS, REFER TO THE
SIGNING PLANS.

INCLUDE ALL NECESSARY MOUNTING HARDWARE
IN THE COST OF THE BEACON.

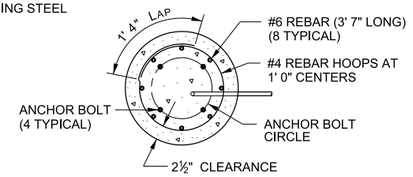
TRIM TOP OF PIPE TO MEET BEACON
MOUNTING REQUIREMENTS.

NO PART OF THE FOUNDATION OR ANCHOR
BOLTS MAY PROTRUDE MORE THAN 4"
ABOVE GROUND AFTER BREAKAWAY.

USE GRADE 60 REINFORCING STEEL



RECTANGULAR RAPID FLASHING BEACON



SECTION A-A

RECTANGULAR RAPID FLASHING BEACON

3 / 1	MDT MONTANA DEPARTMENT OF TRANSPORTATION	C:\DGN\9471000sidetz01.dgn 1/4/2022 11:18:53 AM CPS - U2160	DESIGNED BY REVIEWED BY CHECKED BY			SIGNING PLANS SILVER BOW COUNTY		BUTTE - URBAN (NHS) UPN 9471000	NH 1899(40) S19