



MONTANA DEPARTMENT OF TRANSPORTATION

# **MONTANA RIGHT-OF-WAY DESIGN MANUAL**

## **Appendix G – Sample Route Descriptions**

**Appendix G  
SAMPLE ROUTE DESCRIPTIONS**

**Table of Contents**

	<b><u>Page</u></b>
APPENDIX G SAMPLE ROUTE DESCRIPTIONS.....	G-1
Primary Route (Multiple Township and Ranges) .....	G-1
Primary Route (Multiple Counties).....	G-2
Primary Route.....	G-3
Urban Intersection .....	G-4
Multiple Site Traffic Lighting .....	G-5
Access Control .....	G-6
Secondary Route Corridor.....	G-7
Off-System Bridge .....	G-8

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**DESCRIPTION OF ROUTE  
FOR  
STPP 83-1(18)0  
CLEARWATER JUNCTION - NORTH  
IN  
MISSOULA COUNTY, MONTANA**

The route for Montana Department of Transportation Project STPP 83-1(18)0 begins on the centerline of Montana Highway 83 (P-83) at the Clearwater Junction at a point just north of its intersection with Montana Highway 200/FAP 24 (R.P. 0.0), which said point is located in U.S. Government Lot 1 of Section 4, Township 14 North, Range 14 West, P.M.,M., Missoula County, Montana and extends northerly and northwesterly along said centerline a distance of 21.1 km (13.1 miles) over and across Section 4, Township 14 North, Range 14 West; Sections 33, 28, 21, 20, 17, 8, 9, 4, and 5, Township 15 North, Range 14 West; Sections 32, 31, and 30, Township 16 North, Range 14 West; Section 25, 24, 23, 13, 14, 11, and 10, Township 16 North, Range 15 West, P.M.,M., Missoula County, Montana, to a point of ending on said centerline in the SE $\frac{1}{4}$ NE $\frac{1}{4}$  of said Section 10 and the SW $\frac{1}{4}$ NW $\frac{1}{4}$  of said Section 11, as the route for said Project STPP 83-1(18)0 has been located, surveyed, planned and designed by the Montana Department of Transportation.

**PRIMARY ROUTE SAMPLE**  
(Multiple Township and Ranges)  
**Figure 1G**

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**DESCRIPTION OF ROUTE  
FOR  
STPP 46-5(4)51  
WEST RIVER - WEST  
IN  
DEER LODGE, SILVER BOW, and BEAVERHEAD COUNTIES, INDIANA**

The route for Montana Department of Transportation Project STPP 46-5(4)51 begins on the centerline of Montana State Highway 43 (P-46) at a point near Sportsman's Campground in Dear Lodge County, Montana near R.P. 51.4, which said point is located in the NE $\frac{1}{4}$ NE $\frac{1}{4}$  of Section 35, Township 2 North, Range 13 West, P.M.,M., Dear Lodge County, Montana, and extends along said centerline approximately 22.2 km (13.8 miles) over and across Sections 35 and 36, Township 2 North, Range 13 West; Sections 31, 32, 33, and 34, Township 2 North, Range 12 West; Section 3, Township 1 North, Range 12 West, P.M.,M., Deer Lodge County, Montana, Sections 3 and 10, Township 1 North, Range 12 West, P.M.,M., Silver Bow County, Montana; Sections 14, 13, and 24, Township 1 North, Range 12 West; Sections 19, 30, 29, 28, 33, and 34, Township 1 North, Range 11 West, P.M.,M., Beaverhead County, Montana, to a point of ending on said centerline in the NE $\frac{1}{4}$ SW $\frac{1}{4}$  of said Section 34, near the east end of Wise River, Montana (R.P. 65.3), as the route for said Project STPP 46-5(4)51 has been located, surveyed, planned and designed by the Montana Department of Transportation.

**PRIMARY ROUTE SAMPLE  
(Multiple Counties)**

**Figure 2G**

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**DESCRIPTION OF ROUTE  
FOR  
NH 1-8(28)499 f  
U.S. 2 - SACO  
IN  
PHILLIPS COUNTY, MONTANA**

The route for Montana Department of Transportation Project NH 1-8(28)499 F begins on the centerline of U.S. Highway 2 (FAP-1) at a point approximately 450 km (1,476 feet) west of Saco, Montana (R.P. 498.8), which said point is located in U.S. Government Lots 5 and 8 of Section 7, Township 31 North, Range 34 East, P.M.,M., Phillips County, Montana, and extends southeasterly along said centerline a distance of 1.4 km (0.9 mile) over and across Sections 7 and 8, Township 31 North, Range 34 East, P.M.,M., Phillips County, Montana, to a point of ending on said centerline in the SW<sup>1</sup>/<sub>4</sub>SW<sup>1</sup>/<sub>4</sub> of said Section 8, at the east side of the intersection of Stevens Street and U.S. Highway 2 inside the city limits of Saco, Montana (R.P. 499.7), as the route for said Project NH 1-8(28)499 F has been located, surveyed, planned and designed by the Montana Department of Transportation.

**PRIMARY ROUTE SAMPLE  
Figure 3G**

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**DESCRIPTION OF ROUTE  
FOR  
STPHS-BR 5809(17)  
N MONTANA AVE – TURN LANE  
IN  
LEWIS AND CLARK COUNTY, MONTANA**

The route for Montana Department of Transportation Project STPHS-BR 5809(17) begins on the centerline of North Montana Avenue (U-5809), approximately 2.3 km (1.4 miles) north of Helena, Montana, just north of its intersection with Buffalo Road (R.P. 2.70±), which said point is located in the NE $\frac{1}{4}$ SE $\frac{1}{4}$  of Section 7 and the NW $\frac{1}{4}$ SW $\frac{1}{4}$  of Section 8, Township 10 North, Range 3 West, P.M.,M., Lewis and Clark County, Montana and extends northerly along said centerline a distance of 2.1 km (1.3 miles) over and across Sections 7, 8, 6, and 5, Township 10 North, Range 3 West, P.M.,M., Lewis and Clark County, Montana, to a point of ending on said centerline approximately 350 m (1,150 feet) north of its intersection with Forestvale Road (R.P. 4+10±) in the SE $\frac{1}{4}$ NE $\frac{1}{4}$  of said Section 6 and SW $\frac{1}{4}$ NW $\frac{1}{4}$  of said Section 5, as the route for said Project STPHS-BR 5809(17) has been located, surveyed, planned and designed by the Montana Department of Transportation.

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**DESCRIPTION OF ROUTE  
FOR  
NH 5203(9)  
3<sup>rd</sup> ST & SMELTER AVE SGNLS – GTF  
IN  
CASCADE COUNTY, MONTANA**

**SITE 1**

The route for Montana Department of Transportation Project NH 5203(9) begins on the centerline of National Highway Route U 5203/Third Street NW at its intersection with 14<sup>th</sup> Avenue N.W. (R.P. 1.28) in Great Falls, Montana. This project involves the installation of new traffic signals. Said project NH 5203(9) has been located, surveyed, planned and designed by the Montana Department of Transportation.

**SITE 2**

The route for Montana Department of Transportation Project NH 5203(9) begins on the centerline of National Highway Route U 5203/Smelter Avenue at its intersection with Sixth Avenue N.W. (R.P. 1.95) in Great Falls, Montana. This project involves the installation of new traffic signals. Said project NH 5203(9) has been located, surveyed, planned and designed by the Montana Department of Transportation.

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**DESCRIPTION OF ROUTE  
FOR  
NH 5205(20)  
NORTHEAST BYPASS – GREAT FALLS  
IN  
CASCADE COUNTY, MONTANA  
A CONTROLLED-ACCESS FACILITY**

The route for Montana Department of Transportation Project NH 5205(20) begins on the centerline of Route N-102 in Great Falls, Montana, at its intersection with 38<sup>th</sup> Street North (FAU-5219), at a point located in the NE $\frac{1}{4}$ NE $\frac{1}{4}$  of Section 5, Township 20 North, Range 4 East, P.M.,M., Cascade County, Montana, and extends easterly and southerly along said centerline an approximate distance of 3.3 km (2 miles), over and across Sections 5, 4, 3, and 10, Township 20 North, Range 4 East, P.M.,M., Cascade County, Montana, to a point of ending on said centerline on the Section line common to the NE $\frac{1}{4}$ NW $\frac{1}{4}$  and NW $\frac{1}{4}$ NW $\frac{1}{4}$  of said Section 10, approximately .03 km (.02 mile) north of its intersection with 2<sup>nd</sup> Avenue North (FAU-5210), as the route for said Project NH 5205(20) has been located, surveyed, planned and designed by the Montana Department of Transportation.



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**DESCRIPTION OF ROUTE  
FOR  
PLH 323-1(11)25  
EKALAKA – ALZADA CORRIDOR  
IN  
CARTER COUNTY, MONTANA**

The route for Montana Department of Transportation Project PLH 323-1(11)25 begins on the centerline of Montana Secondary Highway 323 (R.P. 24.8) at a point approximately 40 km (25 miles) southeast of Ekalaka, Montana, which said point is located on the Section line common to Section 12, Township 3 South, Range 59 East and Section 7, Township 3 South, Range 60 East, P.M.,M., Carter County, Montana, and extends southwesterly, southeasterly, and southwesterly along said centerline a distance of 76 km (47 miles) over and across Sections 12, 13, 24, 25, 26, and 35, Township 3 South, Range 59 East; Sections 2, 3, 11, 10, 15, 22, 21, 28, 33, and 32, Township 4 South, Range 59 East; Sections 5, 8, 17, 20, 19, 30, and 31, Township 5 South, Range 59 East; Sections 3, 10, 15, 14, 23, 24, 26, and 25, Township 6 South, Range 59 East; Sections 30, 31, and 32, Township 6 South, Range 60 East; Sections 5, 4, 9, 10, 15, 14, 13, 23, 24, and 25, Township 7 South, Range 60 East; Sections 30, 29, 32, and 31, Township 7 South, Range 61 East; Section 6, Township 8 South, Range 61 East; Sections 1, 12, 13, 14, 23, 22, 27, 28, 33, and 32, Township 8 South, Range 60 East; and Sections 5, 6, 7, 18, 19, and 30, Township 9 South, Range 60 East, P.M.,M., Carter County, Montana, to a point of ending on said centerline at its junction with U.S. Highway 212/N-23, in Alzada, Montana (R.P. 71.7) in the NW¼ of said Section 30, Township 9 South, Range 60 East, as the route for said Project PLH 323-1(11)25 has been located, surveyed, planned and designed by the Montana Department of Transportation.

**SECONDARY ROUTE CORRIDOR SAMPLE**  
**Figure 7G**

	ROW\Forms\Pln\505	Rev. 11/06/09
1	<b>DESCRIPTION OF ROUTE</b>	
2	<b>FOR</b>	
3	<b>BR 9005(31)</b>	
4	<b>CLARKS FORK – S OF BELFRY</b>	
5	<b>IN</b>	
6	<b>CARBON COUNTY, MONTANA</b>	
7		
8	The route for Montana Department of Transportation Project BR 9005(31) begins	
9	on the centerline of Carbon County Local Route 128 B at a point approximately	
10	13 km (8.1 miles) south of Belfry, Montana, which said point is located in the	
11	SW $\frac{1}{4}$ NW $\frac{1}{4}$ and U.S. Government Lot 4 of Section 29, Township 9 South, Range 22	
12	East, P.M.,M., Carbon County, Montana approximately 304 m (997 feet)	
13	southwesterly of the existing structure crossing Clarks Fork Yellowstone River, and	
14	extends northerly and northeasterly along said centerline a distance of 0.7 km (0.44	
15	mile) over and across Sections 29 and 30, Township 9 South, Range 22 East,	
16	P.M.,M., Carbon County, Montana, to a point of ending on said centerline at its	
17	intersection with State Route 72 (P-72) in U.S. Government Lot 5 of said Section 20,	
18	approximately 303 m (994 feet) northeasterly of said structure, as the route for said	
19	Project BR 9005(31) has been located, surveyed, planned and designed by the	
20	Montana Department of Transportation.	
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**OFF-SYSTEM BRIDGE SAMPLE**

**Figure 8G**