



	EXISTING	PROPOSED
Slope Stake Limits		
Fence		
Gate with Fence		
Cattleguard		
Retaining Wall		
Signs (single, double post; portable)		
Pipe Culvert (arrow shows flow)		
Pipe Culvert with End Section		
Pipe Culvert with Headwall		
Pipe Culvert with Drop Inlet		
Box Culvert		
Underdrain		
Overhead/Above Ground Utilities		
Underground Utilities		
<p>FM = force main, FO = fiber optic, G = gas, IRR = irrigation, O = oil, P = power, SA = sanitary sewer, SD = storm drain, SS = storm sewer, STEAM = steam, T = telephone, TV = CATV, W = water</p>		
Poles (Power, Telephone, Joint Use, Light, Support w/Anchor)		
Miscellaneous Utility Features		
<p>EM = electric meter, T = telephone pedestal, TV = CATV pedestal, UP = transformer or junction box, WF = water fountain</p>		
Building		
Right-of-Way Line		
Permanent Easement		
Construction Easement		

Text in Title Block Needs Editing

NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 WESTERN FEDERAL LANDS HIGHWAY DIVISION  
 VANCOUVER, WASHINGTON

SYMBOLS AND ABBREVIATIONS

**RIMINI ROAD  
 FOREST HIGHWAY PFH 98-1(1)  
 LEWIS AND CLARK COUNTY  
 MONTANA**

National Boundary	
State Boundary	
County Boundary	
City Boundary	
Township or Range Line	
Section Line	
Section Corner (Found, Projected)	
1/4 Section Line	
1/4 Section Corner (Found, Projected)	
1/16 Section Line	
1/16 Section Corner (Found, Projected)	
Property Line w/Found Property Corner	
Parcel Number	
National Park Boundary	
National Forest Boundary	
National Wildlife Refuge Boundary	
BLM Lands Boundary	
Indian Reservation Boundary	
Existing Roadway (Road, Paved, Gravel)	
Railroad	
Trail	
Clearing Limits	
Intermittent Drainage or Small Creek	
Large Creek or River	
Lake, Pond or Reservoir; Marshland	
Spring or Seep	
Treeline; Individual Trees	
Material Source	
Spot Elevation; Coordinate Grid Tick	
Common Ownership	
Survey Monument	
Gas & Water Meter; Gas & Water Valve	

$\Delta$	total central angle	M.L.	main line
$\Delta c$	curve central angle	M.P.	mile post
$\emptyset$	diameter	matl.	material
$\theta s$	spiral central angle	MGAL	maximum thousand gallon
abut.	abutment	min.	minimum
ADT	average daily traffic	mon.	monument
AH	ahead	N	north
appr.	approach	NC	normal crown
BK	back	o. c.	on center
BM	bench mark	o. to o.	out to out
BP	balance point	OD	outside diameter
br.	bridge	OG	original ground
brg.	bearing	PC	point of curve
cc or c. to c.	center to center	PCC	point of compound curve
$\xi$	centerline	PCS	point of curve to spiral
clr.	clear	PI	point of intersection
CMP	corrugated metal pipe	pl.	plate
col.	column	POC	point on curve
conc.	concrete	POS	point on spiral
conn.	connection	POT	point on tangent
constr. jt.	construction joint	PS	point of tangent to spiral
cont.	continuous	PSC	point of spiral to curve
CS	point of curve to spiral	PST	point of spiral to tangent
ctrs.	centers	PT	point of tangent
CUFT	cubic foot (feet)	pvmt.	pavement
culv.	culvert	R	radius
CUYD	cubic yard(s)	R.	range
D	diameter	R/W	right-of-way
DHV	design hourly volume	rdwy.	roadway
dia.	diameter	rein.	reinforcement
diag.	diagonal	reqd.	required
diaph.	diaphragm	rt. or RT	right
dist.	distance	rte.	route
drwg(s).	drawing(s)	S	south
E	east	SADT	seasonal average daily traffic
e	superelevation rate	SC	point of spiral to curve
El. 94.61 ft	elevation with number	sec.	section
elev.	elevation	shldr.	shoulder
emb.	embankment	SLRY	slurry unit
EP	edge of pavement	spa.	spacing, spaces or spaced
EQ or eq.	equation	SQFT	square foot
ER	edge of road	SQYD	square yard
EW	edge of water	SRS	point of spiral to reverse spiral
exc.	excavation	SS	point of spiral to spiral (no curve)
exp. jt.	expansion joint	ST	point of spiral to tangent
fin.	finish	STA, Sta.	station
flg.	flange	std.	standard
ft2	square foot	stgr.	stringer
ft3	cubic foot (feet)	stiff.	stiffener
ftg.	footing	struc.	structural
ga.	gage (gauge)	STS	point of spiral to tangent spiral
galv.	galvanized	sym.	symmetrical
hdwl.	headwall	T	tangent distance
hex.	hexagon	T.	township
HW	high water	TBM	temporary bench mark
ID	inside diameter	thd.	thread
jt.	joint	TS	point of tangent to spiral
L	length of curve	Ts	tangent distance (spiraled curve)
lam.	lamination	typ.	typical
lat.	latitude	V	design speed
LNFT	linear foot (feet)	vph	vehicles per hour
long.	longitudinal	VPI	vertical point of intersection
LPSM	lump sum	W	west
Ls	length of spiral	yd2	square yard
lt. or LT	left	yd3	cubic yard(s)
LW	low water		

Library: ROW  
 Cell: Metric\_Sym\_Abb\_Plan  
 [US\_Sym\_Abb\_Plan]  
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