

APPENDIX C

Existing Conditions Documents

This Existing Conditions chapter was prepared for the original 2007 MPO MTP and was not updated during the 2014 update. Therefore, this Appendix reflects the existing conditions as of 2007. It will be updated during the next comprehensive MPO MTP update, after completion of the Bend UGB expansion.

Bend Dial-a-Ride Classification

General Public: Anyone that is registered over the phone without an application, over 18, not senior, disabled or low income.

Youth: Anyone that has an approved application on file and is 10-17.

Disabled: Anyone that has an approved application on file, and is certified by either a case manager or physician. (No longer use this category except for clients that were registered before 2002).

Honored Citizen: Anyone that has an approved application on file and is over 60.

Senior: Anyone that has an approved application on file and is over 60 (We no longer use this category except for clients that were registered before 2002).

Other: Escorts, Children under the age of 10 and Personal Care Attendants riding with a paying client.

Low Income: Anyone that has an approved application on file, and is receiving food stamps.

Medicaid: Trips must be assigned from COIC (Broker) for authorized trips.

Roadway Functional Classification

<i>Roadway</i>	<i>From</i>	<i>To</i>	<i>Classification</i>
City of Bend Classification			
Business 97 (3Road St.)	Greenwood Avenue	Highway 20/Highway 97 south junction	Principal Arterial
Reed Market Road	Brookwood Blvd.	SE 27th St.	Major Arterial
27th St.	Reed Market Road	Butler Market Road	Major Arterial
Empire Ave.	Highway 20	Purcell Blvd.	Major Arterial
Reed Market Road	Century Drive	Brookwood Blvd.	Minor Arterial
Cooley Road	Highway 20	NE 18th St.	Minor Arterial
Robal Road.	Highway 20	Highway 97	Minor Arterial
Empire Ave.	O.B. Riley Road	Highway 20	Minor Arterial
NE 18th St.	Cooley Road	Empire Ave.	Minor Arterial
Boyd Acres Road	Empire Ave.	Butler Market Road	Minor Arterial
Mt. Washington Drive	Century Drive	Highway 20	Minor Arterial
Butler Market Road	Highway 20	East MPO boundary	Minor Arterial
NE 8th St.	Butler Market Road	NE 9th St.	Minor Arterial
NE 9th St.	NE 8th St.	Reed Market Road	Minor Arterial
NE 15th St.	Highway 20	Knott Road	Minor Arterial
Knott Road	Highway 97	SE 27th St.	Minor Arterial
SE 27th St.	Knott Road	Reed Market Road	Minor Arterial
Neff Road	NE 8th St.	East MPO Boundary	Minor Arterial
Olney Ave.	NE 8th St.	Wall St.	Minor Arterial
Revere Ave.	Hill St.	NE 8th St.	Minor Arterial
Division St.	Highway 20	Revere Ave.	Minor Arterial
Bear Creek Road	NE 10th St.	East City Limits	Minor Arterial
Franklin Ave.	NE 10th St	Wall St.	Minor Arterial
Galveston Ave.	Riverside Drive	NW 17th St.	Minor Arterial
Riverside Drive	Wall St.	Galveston Ave.	Minor Arterial
Skyliners Road	NW 17th St.	West MPO Boundary	Minor Arterial
Greenwood Ave.	Wall St.	NE 3Road St.	Minor Arterial
Shelvin Park Road	Newport Ave.	West MPO Boundary	Minor Arterial
Newport Ave.	Shelvin Park Road	Wall St.	Minor Arterial
Brookwood Blvd.	Baker Road	Reed Market Road	Minor Arterial
Baker Road	Highway 97	Brookwood Blvd.	Minor Arterial
Simpson Ave.	Simpson Ave.	Colorado Ave.	Minor Arterial
NE 14th St.	Newport Ave.	Simpson Ave.	Minor Arterial
Colorado	Mt. Washington Drive	Scott St.	Minor Arterial
Arizona Ave.	Colorado Ave.	Colorado Ave.	Minor Arterial

Roadway	From	To	Classification
Wall St.	Franklin Ave.	Hill St.	Minor Arterial
Hill St.	Wall St.	Revere St.	Minor Arterial
Bond St.	Franklin Ave.	Wall St.	Minor Arterial
NE 4th St.	Franklin Ave.	Butler Market Road	Minor Arterial
Wilson Ave.	SE 3Road St.	Bond St.	Minor Arterial
Bond St.	Reed Market Road	Wilson Ave.	Minor Arterial
Century Drive	Reed Market Road	West MPO Boundary	Minor Arterial
Wells Acres Road	Butler Market Road	NE 27th St.	Major Collector
Pettigrew Road	Reed Market Road	Bear Creek Road	Major Collector
Purcell Blvd.	Bear Creek Road	Yeoman Road	Major Collector
Yeoman Road	East City Limits	Deschutes Market Road	Major Collector
Brinson Blvd.	Boyd Acres Road	Butler Market Road	Major Collector
NE 18th St.	Empire Ave.	Brinson Blvd.	Major Collector
Stevens Road	SE 27th St.	East MPO Boundary	Major Collector
Ward Road	Stevens Road	Hamby Road	Major Collector
Hamby Road	Ward Road	Butler Market Road	Major Collector
Ferguson Road	SE 27th St.	SE 15th St.	Major Collector
NE 4th St.	Franklin Ave.	Glenwood Drive	Major Collector
Glenwood Drive	NE 4th St.	SE 9th St.	Major Collector
Wilson Ave.	SE 3Road St.	SE 15th St.	Major Collector
American Lane	Reed Market Road	Brosterhous Road	Major Collector
Brosterhous Road	SE 3Road St.	Knott Road	Major Collector
Murphy Road	Brosterhous Road	NW 3Road St.	Major Collector
Country Club Road	Knott Road	Murphy Road	Major Collector
Parrell Road	China Hat Road	Brosterhous Road	Major Collector
China Hat Road	Knott Road	Highway 97	Major Collector
Ponderosa Drive	Highway 97	Lodgepole Drive	Major Collector
Lodgepole Drive	Ponderosa Drive	Brookwood Blvd.	Major Collector
Archie Briggs Road	Mt. Washington Drive	O.B. Riley Road	Major Collector
O.B. Riley Road	Highway 20	North MPO Boundary	Major Collector
Summit Drive	Mt. Washington Drive	Mt. Washington Drive	Major Collector
NW 12th St.	Summit Drive	NW 9th St.	Major Collector
NW 9th St.	NW 12th St.	Newport Ave.	Major Collector
Putnam Road	Mt. Washington Drive	North MPO Boundary	Major Collector
Awbrey Road	Mt. Washington Drive	Newport Ave.	Major Collector
Portland Ave.	Wall St.	College Way	Major Collector
College Way	Newport Ave.	Saginaw Ave.	Major Collector
Powers Road	Brookwood Blvd.	Parrell Road	Major Collector
Chase Road	Parrell Road	Brosterhous Road	Major Collector

Roadway	From	To	Classification
Bond St.	Wilson Ave.	Franklin Ave.	Major Collector
Wall St.	Industrial Way	Franklin Ave.	Major Collector
Hawthorne Ave.	NE 4th St.	Oregon Ave.	Major Collector
Hawthorne Ave.	Wall St.	Highway 97	Major Collector
Oregon Ave.	Hawthorne Ave.	Wall St.	Major Collector
Studio Road	NE 4th St.	Butler Market Road	Major Collector
Northwest Crossing Drive	West MPO Boundary	Shelvin Park Road	Major Collector
Lemhi Pass Road	Skyliners Road	Northwest Crossing Drive	Major Collector
Deschutes Market Road	Butler Market Road	North MPO Boundary	Major Collector
Brentwood Road	Brosterhous Road	American Lane	Major Collector
Metolious Drive	Mt. Washington Drive	West MPO Boundary	Major Collector
Skyline Ranch Road	West MPO Boundary	North MPO Boundary	Major Collector
SE 2 nd Ave	Scott St.	Wilson Ave.	Major Collector
Beall Road	NE 27th St.	Hamby Road	Major Collector

Deschutes County Classification

Baker Road	Zuni Road	Brookwood Blvd	Rural Collector
Baker Road	Highway 97	Brookwood Blvd	Rural Arterial
Brookwood Blvd.	Baker Road	South City UGB	Rural Arterial
China Hat Road	Knott Road	South MPO boundary	Forest Highway
Knott Road	Highway 97	China Hat Road	Rural Arterial
Skyliners Road	West City UGB	West MPO boundary	Rural Collector
Yeoman Road	18th St	Deschutes Market Road	Rural Collector
Deschutes Market Road	Butler Market Road	Hamehook Road	Rural Collector
Butler Market Road	East City UGB	East MPO Boundary	Rural Arterial
Neff Road	East City UGB	East MPO boundary	Rural Arterial
Bear Creek Road	East City UGB	East MPO boundary	Rural Collector
Stevens Road	East City UGB	East MPO boundary	Rural Collector
Ward Road	Stevens Road	Highway 20	Rural Collector
Ward Road	Stevens Road	East MPO boundary	Rural Collector
Bear Creek Road	Ward Road	East MPO boundary	Rural Collector
Hamby Road	Highway 20	Butler Market Road	Rural Collector
Cinder Butte Road	Baker Road	Minnetonka Lane	Rural Collector
Minnetonka Lane	Cinder Butte Road	Kiowa Road	Rural Collector
Kiowa Road	Minnetonka Lane	Riverwoods Drive	Rural Collector
Riverwoods Drive	Kiowa Road	Choctaw Road	Rural Collector
Choctaw Road	Riverwoods Drive	Pima Road	Rural Collector
Pima Road	Choctaw Road	Zuni Road	Rural Collector

<i>Roadway</i>	<i>From</i>	<i>To</i>	<i>Classification</i>
Zuni Road	Pima Road	Baker Road	Rural Collector
ODOT Classification			
Highway 97	North MPO Boundary	South MPO Boundary	Statewide Expressway
Highway 20	North MPO Boundary	Highway 20/Highway 97 north junction	Statewide Expressway
Highway 20	Highway 20/Highway 97 north junction	NE 12th St.	Statewide Highway
Highway 20	NE 12th St.	East MPO Boundary	Statewide Expressway

Intersection Level of Service and Volume/Capacity Ratios

<i>Intersection</i>	<i>Level of Service</i>	<i>Delay (sec./veh)</i>	<i>Volume / Capacity</i>
Unsignalized Intersections			
ODOT Jurisdiction			
Highway 20/Cooley Road	E/A	47.5	0.19
Highway 20/Hamby Road	C/A	22.4	0.26
Highway 97 southbound Ramp/Empire Avenue	E/B	41.6	0.40
Highway 97 southbound Ramp/Butler Market Road	*	*	*
Highway 97 northbound Ramp/Butler Market Road	*	*	*
Highway 97 northbound Ramp/Colorado Avenue	*	*	*
Highway 97 northbound Ramp/Reed Market Road	F/A	53.7	0.39
Highway 97/Badger Road	*	*	*
Highway 97/Ponderosa Road – China Hat Road	F/B	>100	0.88
Highway 97 northbound Ramp/Baker Road	*	*	*
Highway 97 southbound Ramp/Baker Road	*	*	*
Bend Jurisdiction			
Empire Avenue/Boyd Acres Road (all-way stop)	F	>100	>1.00
Empire Avenue/18th Street	F/B	>100	>1.00
Ferguson Road/27th Street	B/A	13.1	0.08
Rickard Road/27th Street	B/A	12.7	0.12
Reed Market Road/9th Street	E/A	40.1	0.46
Reed Market Road/American Lane	F/B	>100	>1.00
Knott Road/15th Street	*	*	*
Knott Road/China Hat Road	C/A	17.9	0.44
Brookwood Boulevard/Baker Road	B/A	12.7	0.11
Neff Road/Hamby Road	B/A	14.5	0.27
Butler Market Road/Hamby Road	*	*	*
Butler Market Road/Hamehook Road	A/A	5.4	0.44
Brookwood Boulevard/Powers Road	C/A	18.0	0.29
Deschutes Market Road/Hamehook Road	B/A	10.1	0.15
Roundabout			
Bend Jurisdiction			
Reed Market Road/Mount Washington Drive	A	4.8	0.38
Reed Market Road/Brookwood Boulevard	C	19.2	0.94
Mount Washington Drive/Shelvin Park Road	A	4.9	0.31
Colorado Avenue – Century Drive/14th Street	A	4.8	0.38
Newport Avenue/14th Street	A	7.1	0.58
Galveston Avenue/14th Street	A	7.2	0.57
Colorado Avenue/Simpson Avenue	A	5.2	0.44

Intersection	Level of Service	Delay (sec./veh)	Volume / Capacity
Simpson Avenue/14th Street	A	5.8	0.43
Mount Washington Drive/Skyliners	A	3.9	0.25
Butler Market Road/8th Street	A	7.8	0.62
Signalized Intersections			
ODOT Jurisdiction			
Highway 20/Robal Road	B	11.2	0.51
Highway 20/Empire Avenue	C	28.7	0.73
Highway 20/Butler Market Road – Mount Washington Drive	C	28.4	0.58
Highway 20/Greenwood Avenue	D	51.8	0.93
Highway 20/8th Street	C	33.8	0.63
Highway 20/15th Street	*	*	*
Highway 20/27th Street	D	43.9	0.85
Highway 20/Revere Avenue	*	*	*
Highway 20/Olney Avenue	C	28.6	0.72
Highway 97/Cooley Road	C	25.1	0.86
Highway 97/Robal Road	C	22.6	0.73
Highway 97 northbound Ramp/Empire Avenue	C	24.4	0.71
Highway 97 southbound Ramp/Revere Avenue	*	*	*
Highway 97 northbound Ramp - Division/Revere Avenue	B	16.0	0.41
Highway 97 southbound Ramp/Colorado Avenue	*	*	*
Highway 97 southbound Ramp/Reed Market Road	C	21.1	0.67
Highway 97/Powers Road	B	19.3	0.67
Highway 97/Pinebrook Boulevard	*	*	*
Highway 97/3Road Street	*	*	*
Bend Jurisdiction			
3Road Street/Reed Market Road	D	47.4	0.90
3Road Street/Wilson Avenue	C	33.7	0.72
3Road Street/Franklin Avenue	C	34.4	0.70
3Road Street/Powers Road	B	19.6	0.56
3Road Street/Murphy Road	C	25.2	0.32
Butler Market Road/27 th Street	C	25.7	0.62
27th Street/Neff Road	E	69.5	>1.00
Reed Market Road/27th Street	B	18.8	0.42
Reed Market Road/15th Street	D	45.0	0.89
Portland Avenue – Olney Avenue/Wall Street	D	37.5	0.85
Olney Avenue – Neff Road/8th Street	D	43.3	0.88

<i>Intersection</i>	<i>Level of Service</i>	<i>Delay (sec./veh)</i>	<i>Volume / Capacity</i>
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Notes:

Unsignalized Intersections:

A/A = Minor Street turn LOS/Major street turn LOS

V/C = Individual lane groups

Delay = Individual lane groups

Roundabouts:

V/C = Individual approach

Delay = Individual approach

Signalized and All-Way Stop Intersections:

Delay = Average vehicle delay in the peak hour for entire intersection in seconds.

* = Turn movement counts to be available in the near future