



# FINAL EXISTING CONDITIONS & FUTURE NEEDS MEMORANDUM

Date: October 1, 2021

To: Chris Doty, Peter Russell, and Cody Smith, Deschutes County

From: Matt Kittelson, Julia Kuhn, Ashleigh Ludwig, and Carrie Theus

**Project:** Deschutes County TSP Update

Subject: Existing Conditions & Future Needs Memorandum

This memorandum provides an overview of the existing and future transportation needs in Deschutes County. The needs were identified through feedback from the County and partner agency staff and by technical analyses of roadways, intersections, bike facilities, transit, walking routes, and transportation safety.

Most of the inventory and analysis results are presented in figures and tabular form with supplemental text provided, as needed, to explain the illustrated information. The information presented herein will form the basis of a series of transportation alternatives that can address the identified needs.

# **Table of Contents**

Existing Conditions & Future Needs Memorandum	0
Table of Contents	0
01   Plan Area	
02   Land Use and Population	2
Land Use	2
Activity Centers	2
Population and Demographics	5
03   Roadway System Inventory	7
Roadway System Characteristics	7
04   Roadway Capacity	19
Analysis Methodology and Performance Standards	
Existing Roadway Traffic Volumes and Capacity Analyses	19

05   Crash Data Analysis	22
Crash Review	22
Potential Safety Needs	35
06   Multimodal Transportation Analysis	35
Existing Bicycle Facilities	35
Existing Pedestrian Facilities	36
County Bikeway Standards	37
Public Transit System	42
Rail System	46
Air Transportation System	46
07   Bridge, Marine, and Pipeline System	47
Bridge System	47
Pipeline	50
Water	50
08   Summary of Needs	50
Roadway System Inventory Needs	50
Roadway Capacity Needs	50
Safety Needs	51
Multimodal Needs	51
Bridge Needs	52
Appendices	52

# 01 | Plan Area

The TSP addresses transportation needs in Deschutes County except within the Urban Growth Boundaries (UGB) of the incorporated cities of Bend, Redmond, Sisters, and La Pine, each of whom has its own TSPs. The County TSP focuses on the primary roadways, bicycle facilities, pedestrian facilities, and transit facilities serving people in the County. The TSP also addresses the rail, air, marine, and pipeline systems. Figure 1 illustrates the location of the County within Central Oregon.

# 02 | Land Use and Population

The existing land use patterns, economic development opportunities, natural and protected resources, and population and job forecasts help inform the needs of people traveling within and to the County today and in the year 2040. This data can help provide for a discussion of opportunities and constraints related to future transportation system alternatives.

#### Land Use

For reference purposes, the County's Zoning Map is reflected in Appendix A. Development regulations for each of the County's zones are provided in the Deschutes County Development Code. As shown, much of the County lands are zoned for forest use or farm use with rural-oriented residential, industrial and commercial lands designated near the incorporated cities within the County.

In addition to land use, the protection of natural resources can also help inform the TSP alternatives. A map in Appendix A reflects the known wetlands as of March 2021.

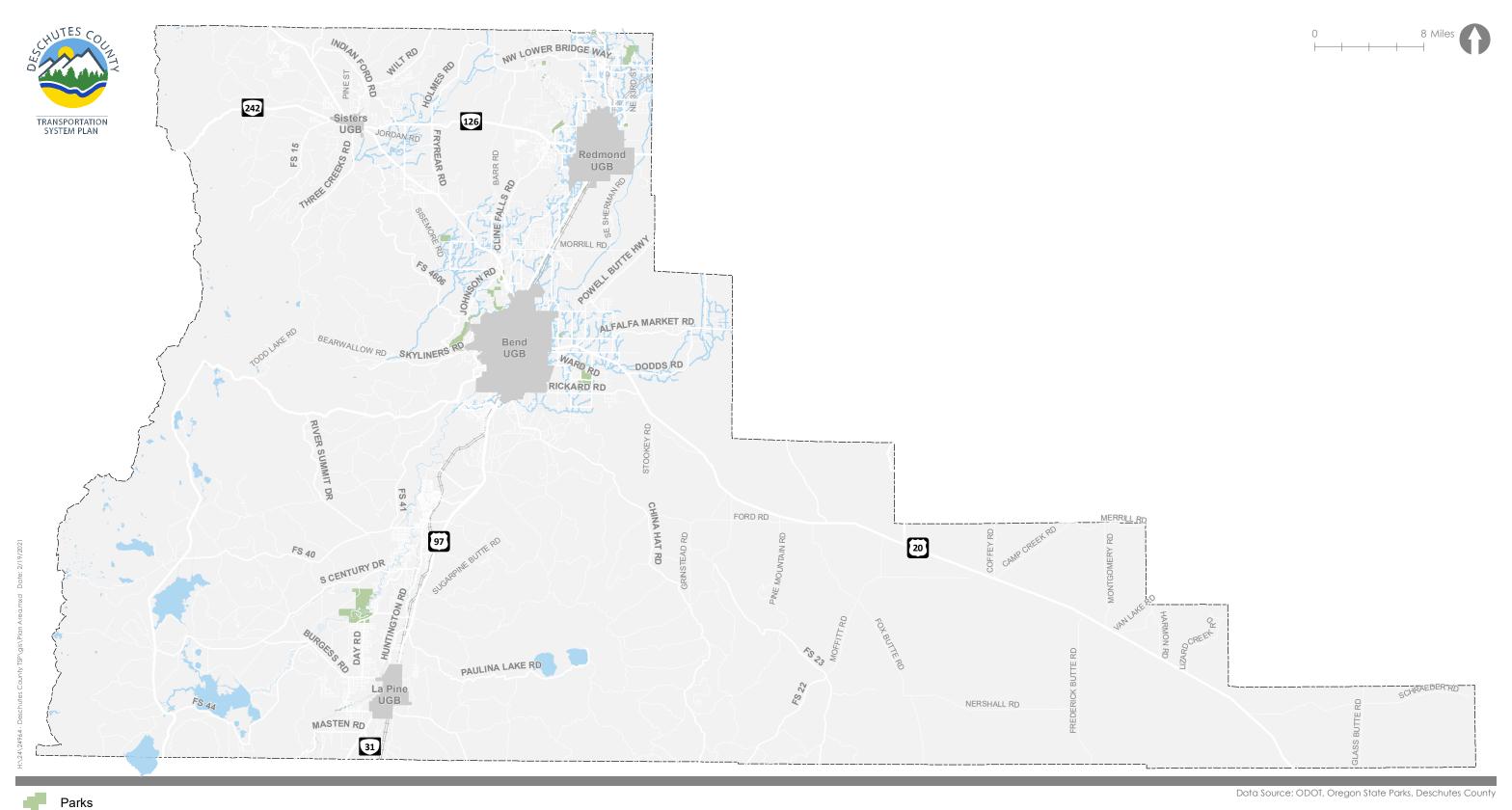
## **Activity Centers**

Connecting people walking, driving, riding bikes and taking transit to key "activity centers" in the County can also help to inform gaps in the existing transportation system as well potential changes to the existing system to help provide comfortable and convenient connections for people traveling. A map illustrating some of the key areas within the County is reflected in Appendix A.

As shown in the Appendix, some of key areas for consideration include:

- Smith Rock State Park, which is located in the northeast corner of the County, east of Terrebonne along the Crooked River.
- Peter Skene Ogden State Scenic Viewpoint which is located in the northeast corner of the County (along the Jefferson Countyline).
- Cline Falls State Scenic Viewport which is located on the Deschutes River west of Redmond.
- Tumalo State Park which is along the Deschutes River north of Bend.
- La Pine State Park which is along the Deschutes River north of La Pine.
- Newberry National Volcanic Monument which is located inside of the Deschutes National Forest south
  of Bend.
- The High Desert Museum which is located south of Bend on US 97
- Mt Bachelor Ski Resort which is located in the southwest part of the County
- Multiple parks and camping areas
- Multiple golf courses and destination resorts
- Schools and civic uses within Terrebonne, Sunriver, and Tumalo.
- Badlands Wilderness approximately 15 miles east of Bend on US 20
- Trailheads on Cascades Lakes Highway for the Three Sisters Wilderness area

- High Cascade Lakes along Cascades Lakes Highway.
- Newberry National Monument off of Paulina Road



Water

UGBs

Figure 1

## **Population and Demographics**

Overall growth in population and changes in demographics will inform the TSP alternatives. By Oregon Revised Statute 195.034, incorporated cities and counties are directed to formulate and adopt coordinated population projections. Table 1 shows the 2014 and 2019 certified population estimates as well as the population projections for 2020 through 2040. Table 1 illustrates the total County and incorporated City populations.

Based on the Certified Population Estimates prepared by Portland State University (PSU) Center for Population Research, Deschutes County is anticipated to experience a population growth of approximately 2.2 percent overall and 1.0 percent in the incorporated areas within the County. The anticipated growth in population will help inform the calculation of year 2040 traffic volumes using the County transportation facilities.

Table 1. Population Projections										
Year	Deschutes County (Total)	Deschutes County (Unincorporated Areas)	City of Bend	City of Redmond	City of Sisters	City of La Pine				
Certifie	Certified Population Estimates									
2014	166,400	55,785	79,985	26,770	2,190	1,670				
2019	193,000	66,130	91,385	30,600	2,985	1,900				
Project	Projected Population Estimate Forecasts									
2020	199,793	65,677	98,205	30,812	3,018	2,081				
2030	244,018	75,362	123,574	38,524	3,889	2,670				
2040	289,225	78,702	153,696	48,575	4,867	3,386				

For reference purposes, the total population per block group within the incorporated areas of the County are shown in Appendix A (as reflected in 2019 American Community Survey (ACS)). As shown, the largest population blocks are located near the Urban areas within the County.

In addition to the overall population estimates, information demographic data can help inform transportation needs specific to minority groups, elderly, youth, low-income populations, disabled persons, limited-English proficiency households, and for those who do not have access to a private vehicle or choose not to use one. Demographic information at the block group level for the "transportation disadvantaged" populations within the County is reflected in Appendix A.

Key findings related to the demographic information can help identify potential changes to the transportation system to address the needs and safety of all travelers in mind, including people of all ages and abilities. As reflected in Appendix A, the demographic information revealed the following:

- The areas with the highest percentages of youth are primarily located in Tumalo and Terrebonne as well as adjacent to the Bend and Redmond UGBs. Connections for school students between their homes, the local community schools, and school bus stops will be considered as part of the needs analysis for the TSP.
- The highest percentage of elderly populations are located in the Sunriver area and adjacent to the Sisters, Redmond, and La Pine UGBs. Coordination with Cascades East Transit (CET) service and master planning to serve these residents will be incorporated into the TSP.
- The highest proportion of minority residents are in Tumalo and outside of the Redmond and Sisters UGB.
- The areas with the highest percentage of households below poverty are in the southwest corner of the County outside of the La Pine UGB and in the northeast corner of the County in Terrebonne.
- The highest concentration of population with disabilities are in the rural areas around La Pine, Redmond, and Sisters UGBs. Coordination with Cascades East Transit (CET) service and master planning to serve these residents will be incorporated into the TSP.
- The highest concentration of households with limited English is located in the rural northwest corner of the County outside of Sisters. Other areas with a high concentration are outside of the La Pine and Bend UGBs.
- The County's percent of households without vehicles is approximately 2%. The 2019 State's percent of households without vehicles is approximately 8%. The areas with the highest concentration of households without vehicles at 5-15% are to the west of La Pine and to the southeast of Redmond. Multimodal options, including rural transit, will be important considerations for these areas.

# 03 | Roadway System Inventory

The County's roadway system serves people driving, freight needs, people taking transit, and emergency response. This section summarizes the key findings associated with the existing roadway system and an identification of gaps in this system needed to serve travelers.

## **Roadway System Characteristics**

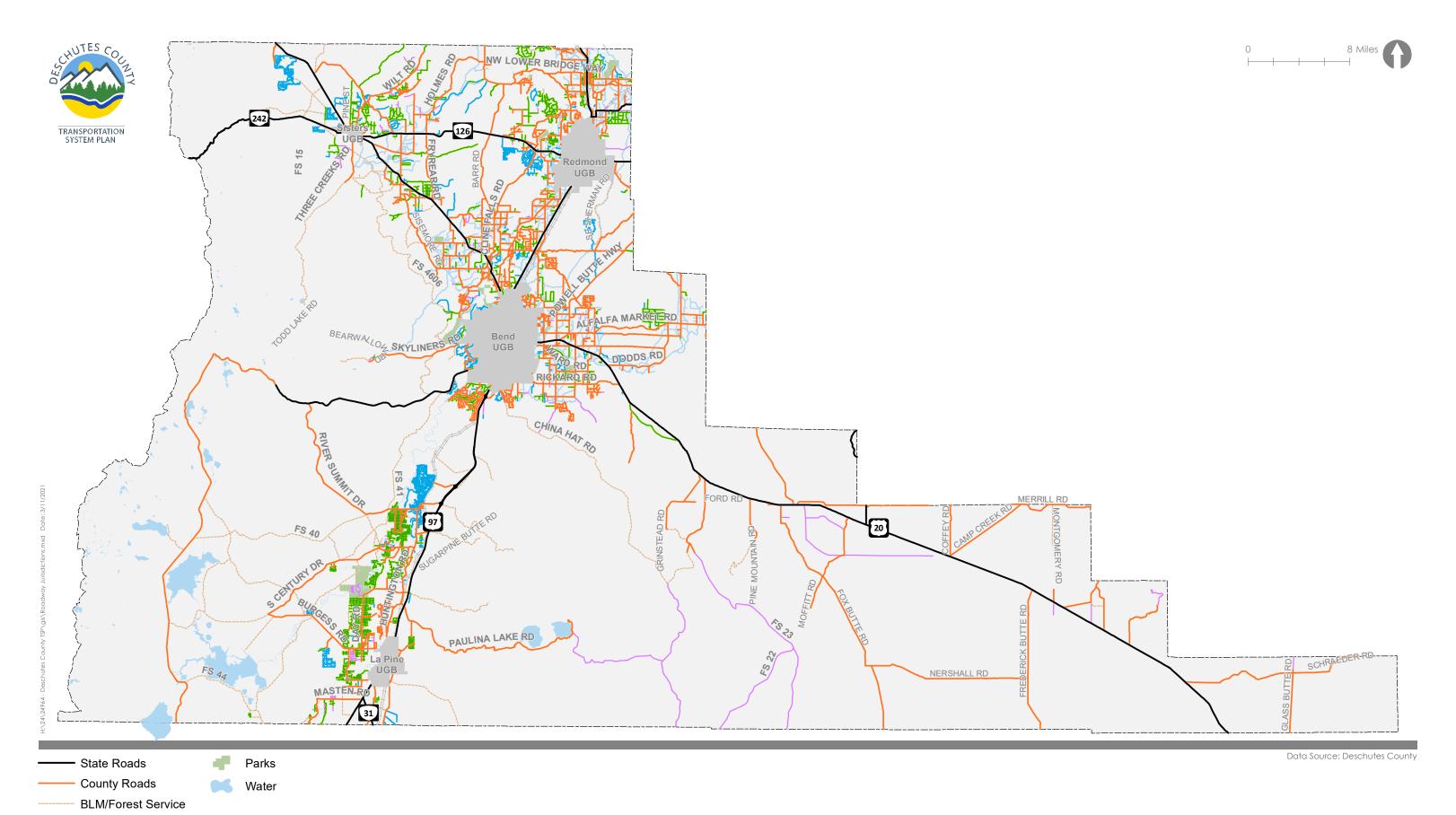
The following section summarizes roadway jurisdictions, functional classification, street characteristics, and freight routes for County and State roadways.

#### **ROADWAY JURISDICTION**

As shown in Figure 2, the majority of roadways within the County are owned and operated by the County, US Forest Service, Bureau of Land Management (BLM), or ODOT. In March 2021, the County maintained approximately 41 percent of the lane miles of roadways within the unincorporated areas, ODOT maintained approximately 10 percent, and the US Forest Service/BLM maintained approximately 12 percent. Local access roads, which are roads that the public has right to use, but are not maintained by ODOT, Deschutes County or any other government agency, comprise approximately 18 percent. The remaining 19 percent were maintained by a variety of community and private entities.

#### OREGON HIGHWAY PLAN (OHP) DESIGNATIONS

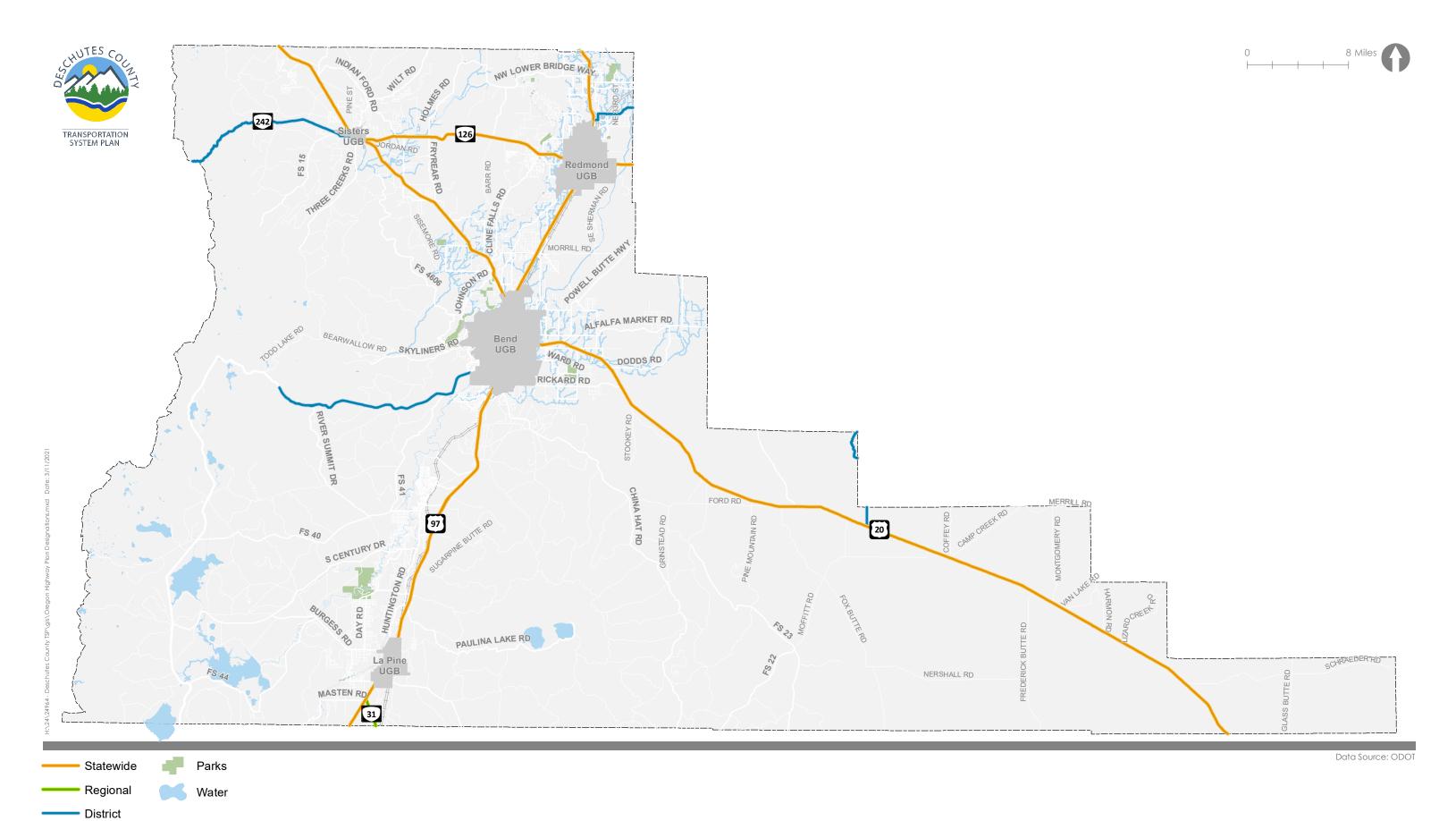
Per the Oregon Highway Plan, the state highways within the County are primarily designated as either statewide highways (i.e., US 97 and US 26) or district highways (i.e., the O'Neill Highway (OR 370)). The statewide highways are intended to serve the needs of travelers within Central Oregon as well as the overall state of Oregon. The district facilities are primarily intended to connect people within the County and the Central Oregon Region. Figure 3 shows the highways in the County and their corresponding OHP classification. The TSP alternatives will focus primarily on the county roadways as well as the intersection of those roadways with the state facilities. The classification of the state facilities at these key connection points can help inform transportation system alternatives intended to address the needs of local, regional and statewide travel.



Local Access Road

Private

Unknown

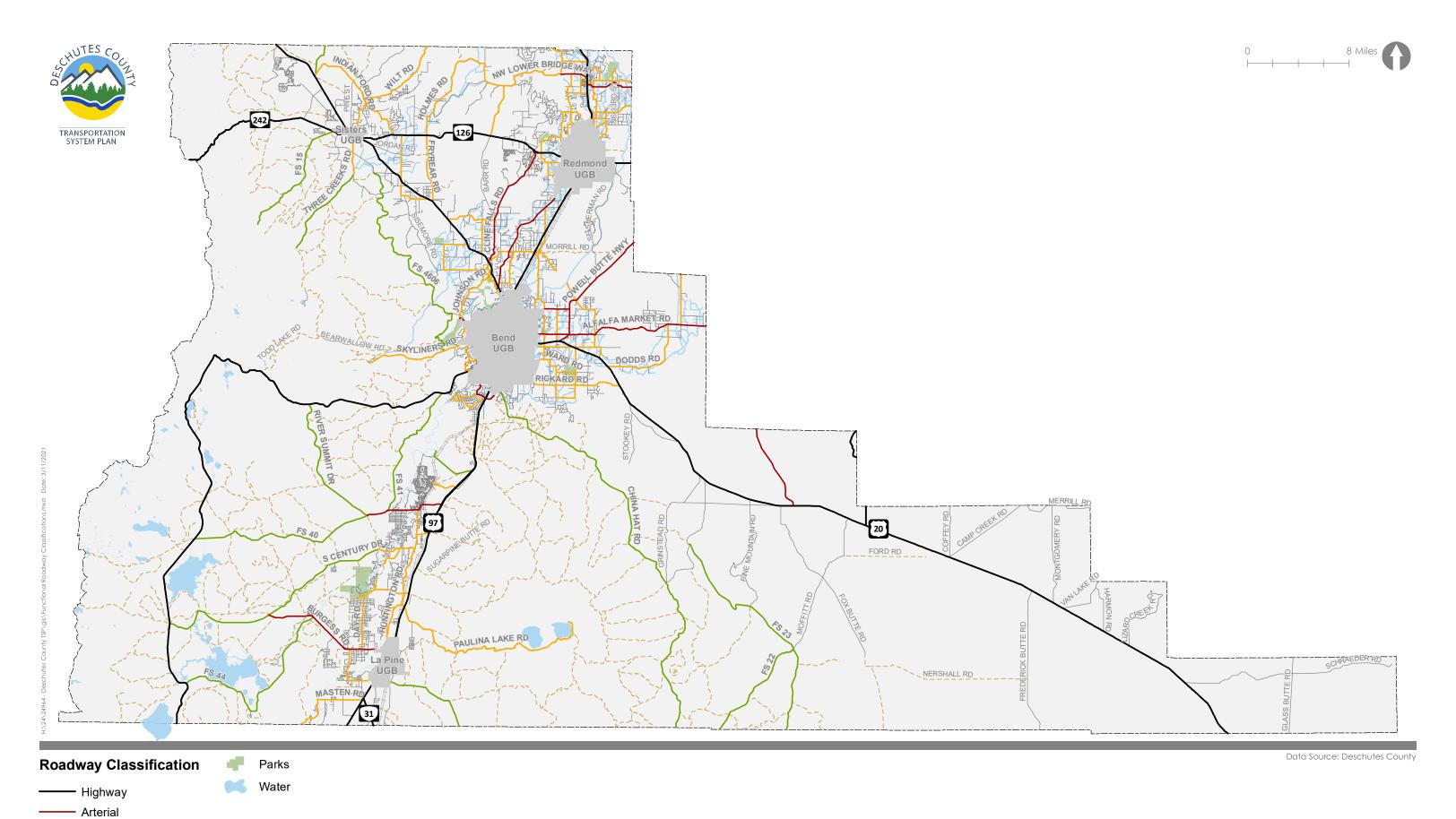


#### **FUNCTIONAL CLASSIFICATION**

The County and ODOT maintain a "functional classification" system that reflects how roadways are intended to "look and feel" to people driving, walking, riding bikes, taking transit, and moving freight as well as whether the roadway serves local or more regional/statewide needs. The County's functional classification is based on the following hierarchy:

- Arterials are intended to serve more regional needs and provide connections to key activity centers
  within the County. They are also intended to represent the key movement of goods and services
  throughout and to/from the County. These roadways also provide connections to the incorporated
  UGBs within the County.
- Collectors primarily connect the rural areas of the county with the state facilities and the County
  arterials. These roadways provide important connections to much of the unincorporated areas of the
  County.
- Forest Highways provide access to recreational areas such as campsites, lakes, hiking, and biking trails
  in the County. Maintenance of these facilities is provided by the County and by the Forest Service,
  depending on location.
- Local roads serve specific areas within the County and can be paved or unpaved.

The functional classification of the roadways the County are shown in Figure 4. The TSP alternatives focus on the Arterials and Collector Roadways. As part of the TSP, the County will coordinate with ODOT and the local communities to identify the need to address inconsistencies between the various agencies' designated classifications of roadways within the County. Based on a preliminary review, the consistency of the classifications of six roadways may need to be addressed, including NW Lower Bridge Way, Smith Rock Way, Alfalfa Market Road, George Millican Road, Burgess Road and the O'Neill Highway (OR 370).



Collector

LocalUnimproved

Forest Highway

Figure 4

#### **FREIGHT ROUTES**

Per the OHP, the designated Freight Routes in the County are shown in Figure 5. There are no freight routes on the County roadways, only on the state highways. Oregon's Motor Carrier Transportation Division's (MCTD) Freight Mobility Map classifies truck route mobility classifications and restrictions. The MCTD Freight Mobility Map for Deschutes County is shown in Figure 6. As shown in this figure, the following designations and characteristics will be considered as part of the TSP alternatives where County roadways intersect ODOT facilities.

Orange Routes shown on Figure 6 are generally unrestricted freight and oversize/overweight routes. These routes require Single Trip Permits for loads greater than 14' wide and may be used as unrestricted detour routes. All three routes are Reduction Review Routes. Reduction Review Routes are ODOT facilities that requires review of during planning, project development, development review, and maintenance to examine any "hole in the air" capacity. Reduction Review Routes are all parts of the state highway(s) that must be travelled to complete the prescribed route and/or connect with other state highways. This includes couplets and on and off ramps. These routes include:

- US 97: a Reduction Review Route permitting freight vehicles up to 14'6" (designated high clearance route) as well as triple trailer combinations.
- OR 126: a Reduction Review Route permitting freight vehicles up to 14'6" (designated high clearance route).
- US 20: a Reduction Review Route permitting freight vehicles up to 14'6" (designated high clearance route) and triple trailer combinations (although these vehicles are restricted during the holidays).

Blue Routes shown on Figure 6 are unrestricted to standard freight truck traffic but are either weight or width restricted for non-divisible and/or heavy haul loads. These routes include the Cascades Lakes National Scenic Bypass and OR 31 (the Fremont Highway).

Black and Yellow Routes shown on Figure 6 are highly restricted to truck and oversize load traffic and not considered viable for detour routes for trucks. The routes include OR 242 (McKenzie Highway), portions of OR 370 (the O'Neill Highway), and OR 27.

Finally, Magenta Routes have some restrictions for both length and/or width and are also not considered to be viable detour routes for trucks. The only route in Deschutes County that is this designation is a small portion of OR 242 (McKenzie Highway) from MP 84.69 to 92.22 outside of Sisters.

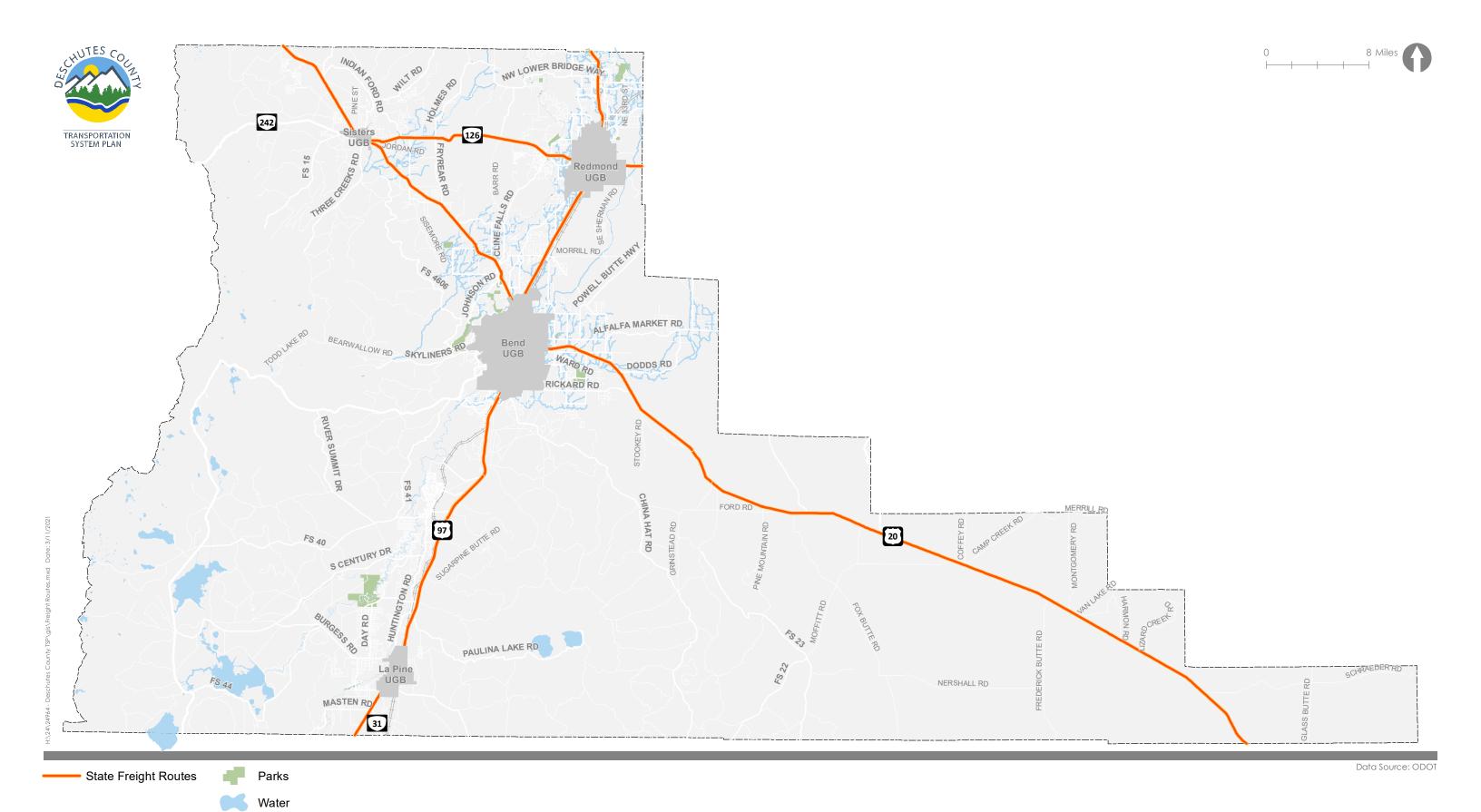


Figure 5

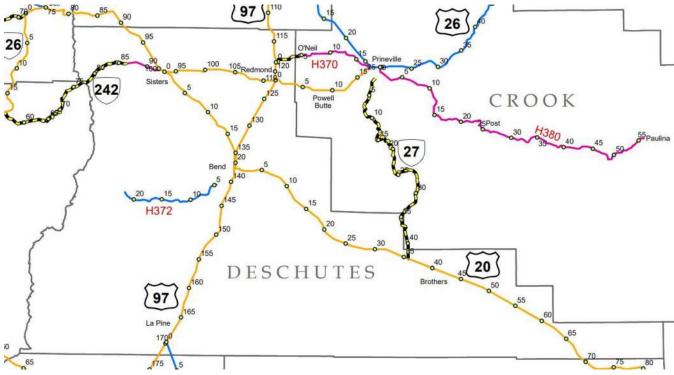


Figure 6. MCTD Freight Mobility Map- Deschutes County

#### POSTED SPEED LIMIT AND PAVEMENT CONDITIONS ALONG COUNTY FACILITIES

Information about current 2018 pavement conditions on roadways within the County can help inform the prioritization of maintenance activities and resources. Pavement conditions along County roadways are rated using a technical rating process based on the frequency and severity of signs of damage or wear such as cracks, holes, and fissures. A score is assigned, called the pavement conditions index (PCI), which ranges from 0 to 100.

Qualitative ratings were assigned ranging from good (Category I) to poor (Category III) based on the PCI score for each roadway classification. Figure 7 illustrates the pavement condition for County facilities as measured in March 2021. This information will continue to inform the County's maintenance program to address roads in need of repair.



## Posted Speeds along ODOT Highways

Within the unincorporated areas of the County, the posted speed along ODOT highways primarily varies between 55 and 65 miles per hour (mph) with transitions to lower speeds adjacent to the City UGBs.

#### **COUNTY ROADWAY CROSS SECTION STANDARDS**

The County's cross-section standards are used to guide the construction of new roadways and/or changes to existing roadways. These standards correlate to the identified functional classification of a roadway. These standards get updated over time to reflect changing needs for the various users of the transportation system and economic development opportunities; therefore, many existing roadways within the County area not built to current standards. Further, the standards are not intended to imply that all roadways be rebuilt to match these standards, rather they are intended to help inform identified changes to specific roadways in the future.

The County's current roadway standards are shown in Table 2. Because the design of a roadway or corridor can vary based on the needs of the area, the current standards provide flexibility for segments based on adjacent land use and demand. There are separate standards shown in Table 3 and Table 4 for the unincorporated communities of Tumalo and Terrebonne. Current County standards do not require a sidewalk except for certain segments in Terrebonne and Tumalo; people walking or biking are assumed to use the shoulder or share the road on lower volume streets. DCC Chapter 17.48 and its Table A contains the County's road and street standards.

Table 2. County Existing Functional Classification and Cross Section Standards									
Functional Classification	Right of Way (ft)	Pavement Width (ft) <sup>1</sup>	Travel Lane Width (ft)	Paved Shoulder Width (ft)	Gravel Shoulder Width (ft)	Turn Lane Width (ft)			
State Highway	80-100	36-70	12	6	-	14			
Minor Arterial	80	28-46 <sup>2</sup>	11	3-5	2	14			
Collector	60	28-46 <sup>2</sup>	11	3-5	2	14			
Local	60	20, 24 <sup>3</sup>	-	-	2	=			

<sup>(1)</sup> Pavement widths are variable, depending on such factors as anticipated traffic volumes, and whether the road section involves turn lanes, bike lanes, and whether frontage roads border an arterial or collector, etc.

<sup>(2)</sup> The larger of the two widths is necessary if a shoulder bikeway is required (4' for collector and 5' for arterial).

<sup>(3) 20&#</sup>x27; allowed for cul-de-sac's and roads with low anticipated traffic volumes. 24' width required for circulator and primary subdivision access roads.

Table 3. Tumalo Existing Functional Classification and Cross Section Standards									
Functional Classification	Right of Way (ft)	Pavement Width (ft) <sup>1</sup>	Travel Lane Width (ft)	Paved Shoulder Width (ft)	Gravel Shoulder Width (ft)	Turn Lane Width (ft)	Sidewalk Required		
US Highway 20	80-100	60	12	4	6	14	No		
Collector- Commercial	60	30	11	4	2	14	Yes		
Collector- Residential	60	36	12	6	2	14	No		
Local- Commercial	60	20	10	-	2	-	Conditional <sup>2,3</sup>		
Local- Residential	60	20	10	-	2	-	No		
Other- Alley (Commercial)	20	20	-	-	-	-	No		
Other- Path/Trail	15	6 unpaved 8 paved <sup>4</sup>	-	-	2.5 (if paved)	-	-		

<sup>(1)</sup> Pavement widths are variable, depending on such factors as anticipated traffic volumes, and whether the road section involves turn lanes, bike lanes, and whether frontage roads border an arterial or collector, etc.

<sup>(2) 5-</sup>foot curbless sidewalks with a drainage swale required on both sides of the road.

<sup>(3) 5-</sup>foot curbless sidewalks with drainage swales required in Terrebonne from West 19th Street to 15th Street on the south side of C Avenue (see Terrebonne Comprehensive Plan Map D-3), or those roads in Tumalo designated for sidewalks (see Tumalo Comprehensive Plan Map D2).
(4) The minimum width is 8 ft. However, 8 ft. wide multiuse paths are not recommended in most situations because they may become over-crowded. They should only be constructed as short connectors, or where long term usage is expected to be low, and with proper horizontal and vertical alignment to assure good sight distances. 10 ft is the standard width for a two-wat multi-use path but they should be 12 ft wide in areas with high mixed-use. Optimum width should be based on the relative use by cyclists and pedestrian. High use by skaters may also require greater width.

Table 4. Terrebonne Existing Functional Classification and Cross Section Standards								
Functional Classification		Right of Way (ft)	Pavement Width (ft) <sup>1</sup>	Travel Lane Width (ft)	Paved Shoulder Width (ft)	Gravel Shoulder Width (ft)	Turn Lane Width (ft)	Sidewalk Required
US Highway	y 97	80- 100	60	12	6	6	14	No <sup>2</sup>
Minor	TeC	60	34	12	5	2	14	Yes <sup>3</sup>
Arterial- Smith Rock Way	TeR	60	34	12	5	2	14	No
Minor Arterial- Lower Bridge Way		60	34	12	5	2	14	No
Collector-	TeC	60	24	12	-	2	-	Yes
Commercial	TeR	60	24	12	-	2	-	No
Collector- Residential	TeR	60	24	12	-	2	-	Conditional <sup>4</sup>
Local-	TeC	60	24	12	-	2	-	Yes <sup>3</sup>
Commercial	TeR	60	24	12	-	2	-	No
Local- Residential	TeR	60	20	12	-	2	-	Conditional <sup>5</sup>
Other- Alley (Commercial)		20	20	10	-	-	-	No
Path/Trail		15	6 unpaved 8 paved <sup>6</sup>	-	-	2.5 if paved	-	-

<sup>(1)</sup> Pavement widths are variable, depending on such factors as anticipated traffic volumes, and whether the road section involves turn lanes, bike lanes, and whether frontage roads border an arterial or collector, etc.

<sup>(2) 6-</sup>foot sidewalks required on both sides of Highway 97 between South 11th Avenue and Central Avenue intersections. Includes pedestrian crossing improvement at B Avenue and C Avenue intersection (see Terrebonne Comprehensive Plan Map D-3).

<sup>(3) 5-</sup>foot curbless sidewalks with a drainage swale required on both sides of the road.

<sup>(4) 5-</sup>foot curbless sidewalks with drainage swales required in Terrebonne from West 19th Street to 15th Street on the south side of C Avenue (see Terrebonne Comprehensive Plan Map D-3), or those roads in Tumalo designated for sidewalks (see Tumalo Comprehensive Plan Map D2).

<sup>(5) 5-</sup>foot curbless sidewalks with drainage swales required along school frontage on B Avenue and 5th Street (see Terrebonne Comprehensive Plan Map D-3).

<sup>(6)</sup> The minimum width is 8 ft. However, 8 ft. wide multiuse paths are not recommended in most situations because they may become over-crowded. They should only be constructed as short connectors, or where long term usage is expected to be low, and with proper horizontal and vertical alignment to assure good sight distances. 10 ft is the standard width for a two-wat multi-use path but they should be 12 ft wide in areas with high mixed-use. Optimum width should be based on the relative use by cyclists and pedestrian. High use by skaters may also require greater width.

#### State Highway Design Standards

Any future changes to the state highways within the County will be informed by the OHP, the state's Highway Design Manual (HDM), and the Blueprint for Urban Design, which provides more flexible standards for urban areas.

#### ACCESS MANAGEMENT AND SPACING GUIDANCE

Providing adequate access to streets, land uses, and activity centers is a key part of operating and planning for a transportation system that serves the needs of all users. ODOT and the County maintain standards to help balance the needs for both "through travelers" (including freight and public transportation) as well as serving the needs of area residents, employees, and visitors.

For state highways, access spacing guidelines are specified in the 1999 Oregon Highway Plan, Appendix C – Access Management Standards. Access to State Highways is controlled under Oregon Administrative Rule, Division 51 (OAR 734-051-4020(8)).

# 04 | Roadway Capacity

The evaluation of the ability of the existing roadways to serve both existing and future traffic volumes can help inform the TSP alternatives. The analysis presented herein focuses only on County arterials and collector roadways. The roadway capacity needs associated with the State facilities within the County have been previously identified through various planning efforts. The County will continue to partner with ODOT to monitor and identify additional needs through future planning and evaluation efforts.

## **Analysis Methodology and Performance Standards**

The evaluation of roadway capacity needs was conducted based on the TSP's Methodology Memorandum. *The Methodology Memorandum is provided in Appendix B.* The County at DCC 18.116.310(H)(1) considers Level of Service (LOS) D to be acceptable when identifying existing and future deficiencies.

## **Existing Roadway Traffic Volumes and Capacity Analyses**

As documented in Appendix B, the existing capacity reflects a comparison of year 2019 traffic volumes to information contained in the *Simplified Highway Capacity Calculation Method for the Highway Performance Monitoring System*. The traffic volumes on all the roadway segments analyzed reflect "acceptable" levels of service under existing conditions.

In addition to the analyses of roadway capacity, the TSP alternatives will also consider areas with potential geometry, sight lines, or other characteristics that may be identified by the Project Advisory Committee as well as the identified Safety Needs previously documented within the County.

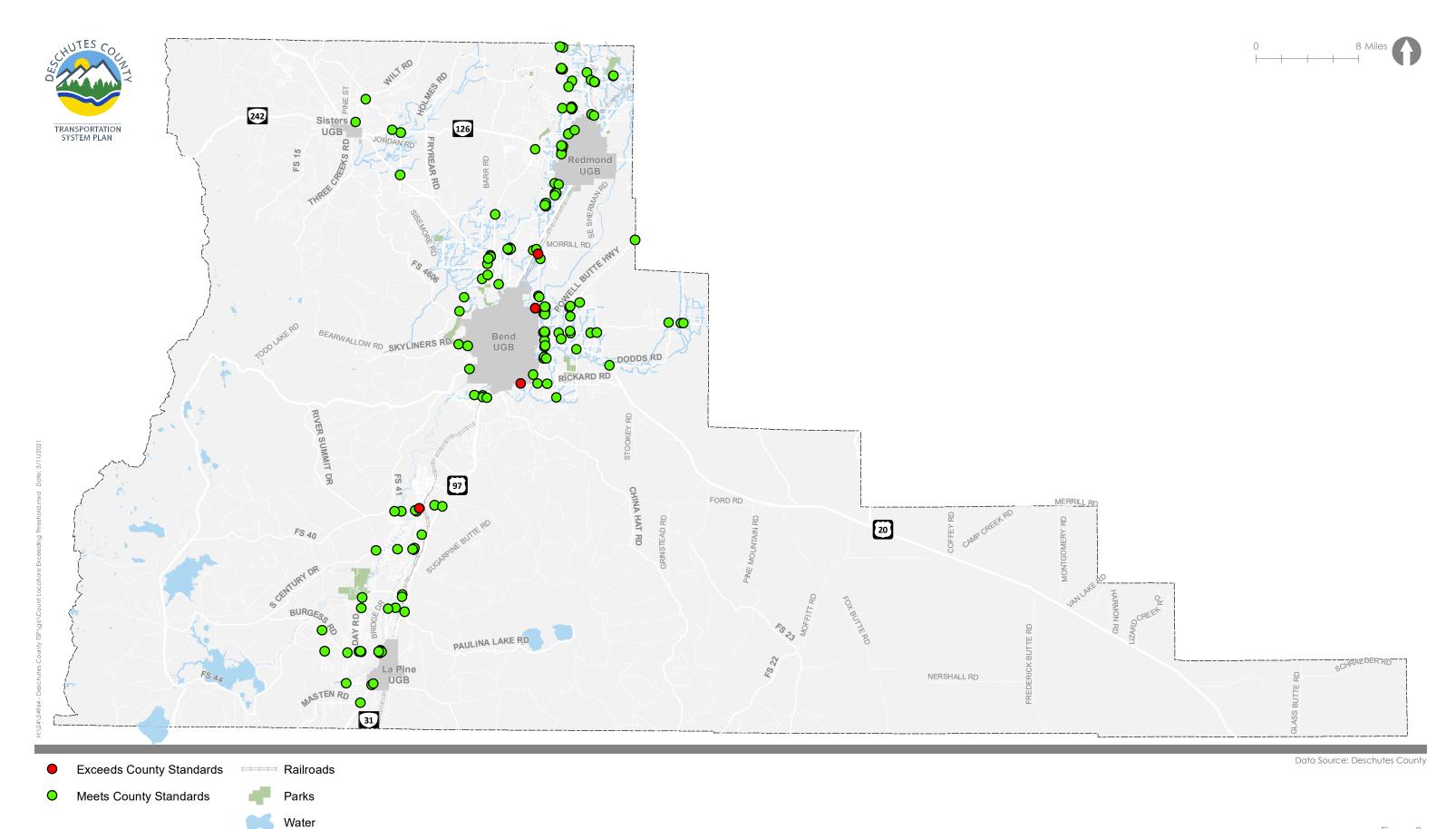
#### FUTURE NO-BUILD TRAFFIC CONDITIONS SEGMENT ANALYSIS

To help inform TSP alternatives, estimated year 2040 traffic volumes were also compared to the capacity thresholds. The year 2040 estimates reflect a growth in traffic volumes of two percent per year (further details

of the forecasting methodology are discussed in Appendix B). As reflected in Figure 8, the traffic volumes anticipated on the following roadways suggest the need to consider TSP alternatives that address vehicular capacity needs, including:

- Deschutes Market Road at Greystone Lane
- S Century Drive at Venture Lane

Given the location of these roadways in proximity to the Bend UGB and/or Sunriver, the County will coordinate alternatives at these locations with the City and local community.



UGBs

County

Figure 8

# 05 | Crash Data Analysis

Prior to the TSP update, the County completed its 2019 Transportation Safety Action Plan (TSAP) that provided a range of projects, policies, and programs to address identified safety needs within the unincorporated areas of the County. The enclosed section summarizes the key findings of the TSAP.

#### Crash Review

The TSAP reflected information from ODOT's crash database for the period from January 1, 2012, through December 31, 2016. These crashes are categorized by the severity of the crash, including:

- Fatal
- Injury A (incapacitating or severe injury)
- Injury B (non-incapacitating or moderate injury)
- Injury C (possible/minor injury complaint of pain)
- Property damage only (PDO) (no injury)

A total of 3,009 crashes were reported in unincorporated Deschutes County between 2012 and 2016. These crashes were relatively split between County and State facilities.

#### **FATAL AND SEVERE CRASHES**

The TSAP prioritized addressing fatal and severe crashes in the County. Figure 9 presents the year-over-year crash frequency in unincorporated Deschutes County including the number of crashes resulting in fatality or incapacitating injury. Figure 10 presents the year-over-year crash frequency on County facilities in unincorporated Deschutes County including the number of crashes resulting in fatality or incapacitating injury. As shown, fatal and incapacitating injuries in Deschutes County have shown an increasing trend in recent years though similar crashes on County-owned facilities have been relatively stable.

Table 5 presents crashes that occurred on county facilities by severity. Among the 1,519 crashes, nearly half (48 percent) resulted in some level of injury. Five percent were fatal or incapacitating injury crashes.

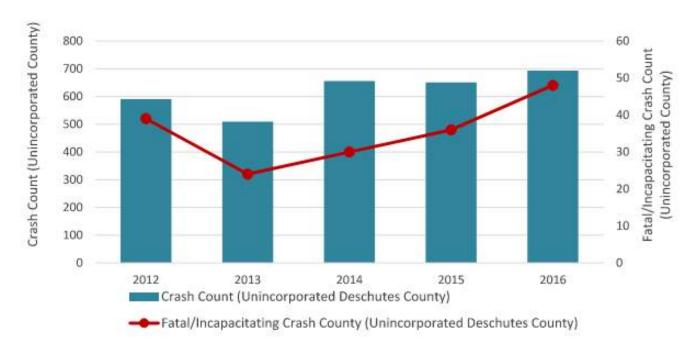


Figure 9. Crashes by Year, Deschutes County (Unincorporated), 2012-2016

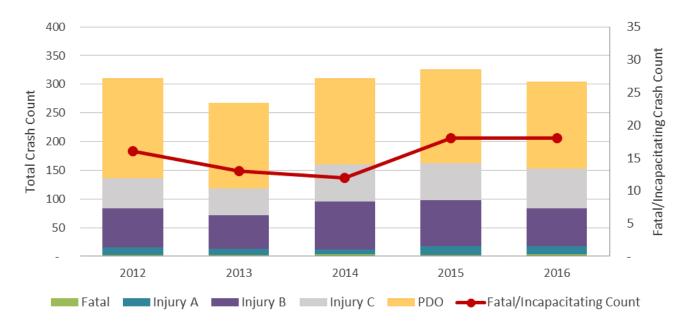


Figure 10. County Facility Crashes by Year, Deschutes County (Unincorporated), 2012-2016

Table 5. County Facility by Severity, Deschutes County (Unincorporated), 2012-2016 **Fatal Injury A Injury B Injury C PDO Total** 12 1,519 **Count** 65 354 298 790 Share <1% 4% 23% 20% 52% 100%

Source: ODOT

The TSAP also identified crashes by location (intersection or segment crashes) and by mode (including motor vehicle, bicyclist, or pedestrian crashes). Crashes within 250 feet of an intersection were considered *intersection crashes* and constituted approximately half the crashes on county facilities within unincorporated Deschutes County (52 percent), as shown in Table 6. For state facilities, 31 percent of reported crashes occurred at intersections. Non-intersection (segment) crashes were more likely to result in fatality or incapacitating injury compared to intersection crashes for both facilities.

Table 6. Crashes by Location, Deschutes County (Unincorporated), 2012-2016									
	Fatal	Injury A	Injury B	Injury C	PDO	Total (% Share)			
State Facility									
Intersection	3	23	96	101	242	465 (31%)			
Non-Intersection	28	43	173	205	576	1,025 (69%)			
County Facility									
Intersection	3	26	171	170	418	788 (52%)			
Non-Intersection	9	39	183	128	372	731 (48%)			

Source: ODOT

Figure 11 illustrates the locations of the fatal and incapacitating crashes in unincorporated Deschutes County between 2012 and 2016. The majority of fatal and severe injury crashes occurred on State highways, which carry the highest traffic volumes and speeds.



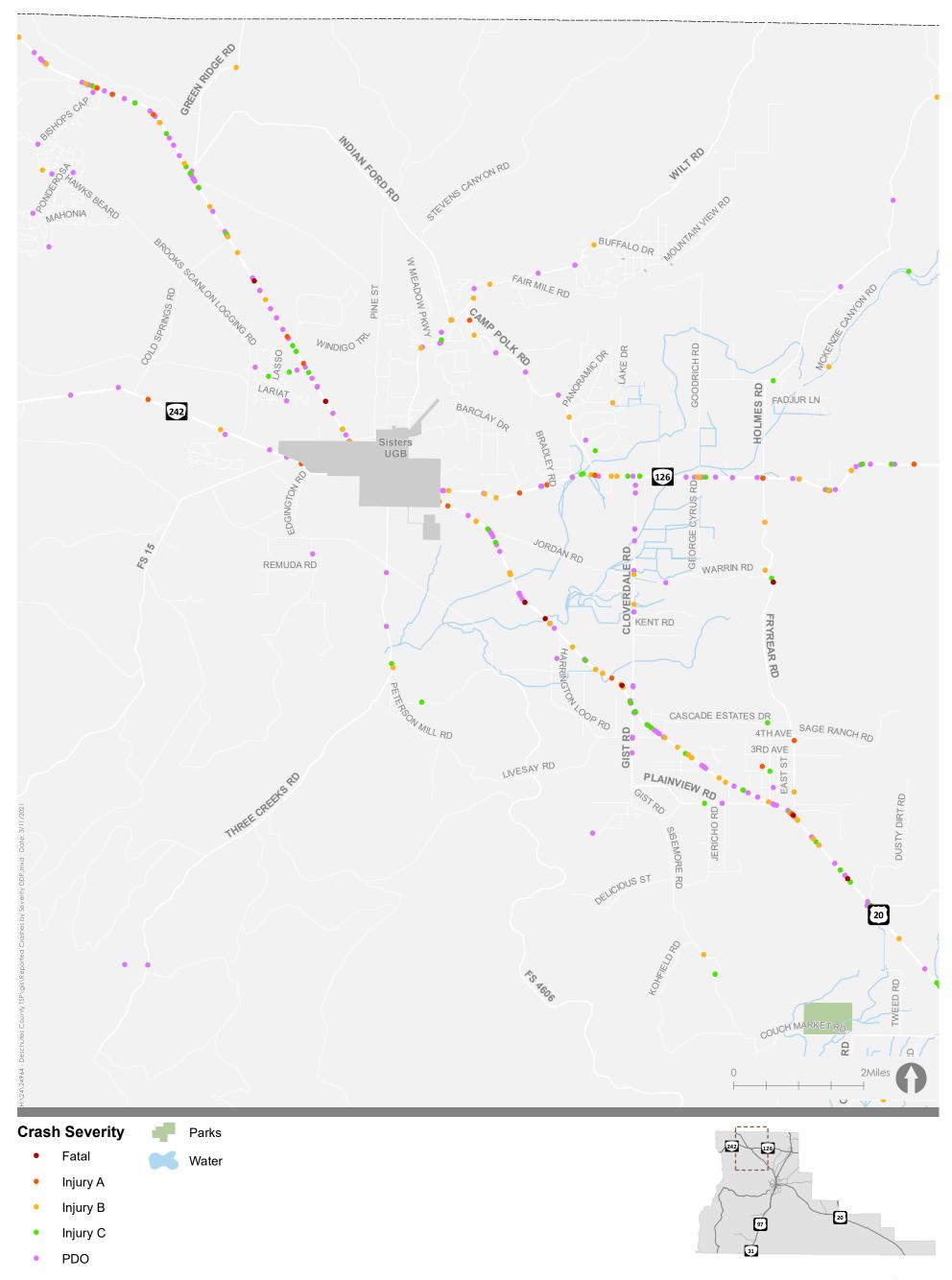
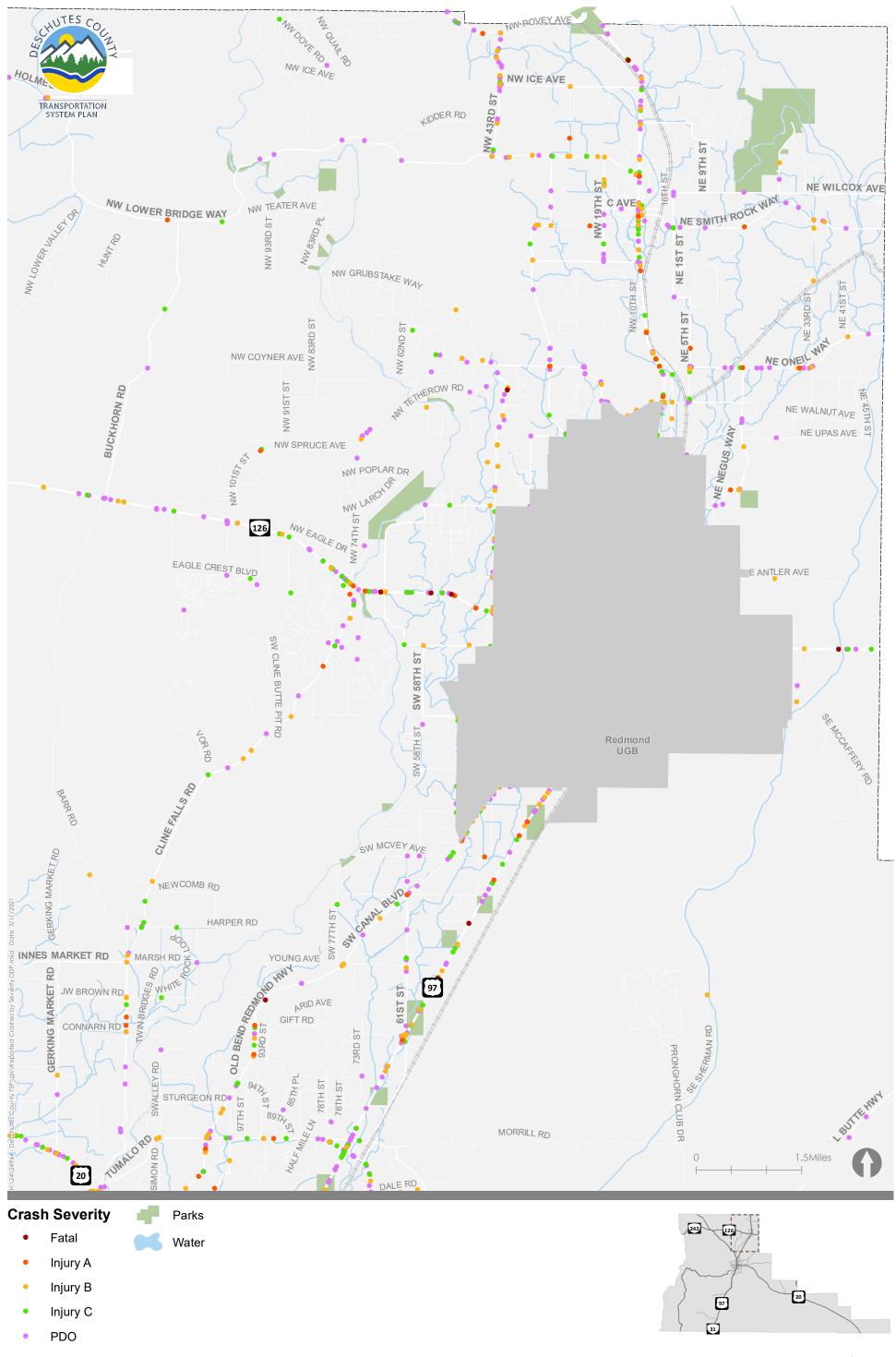
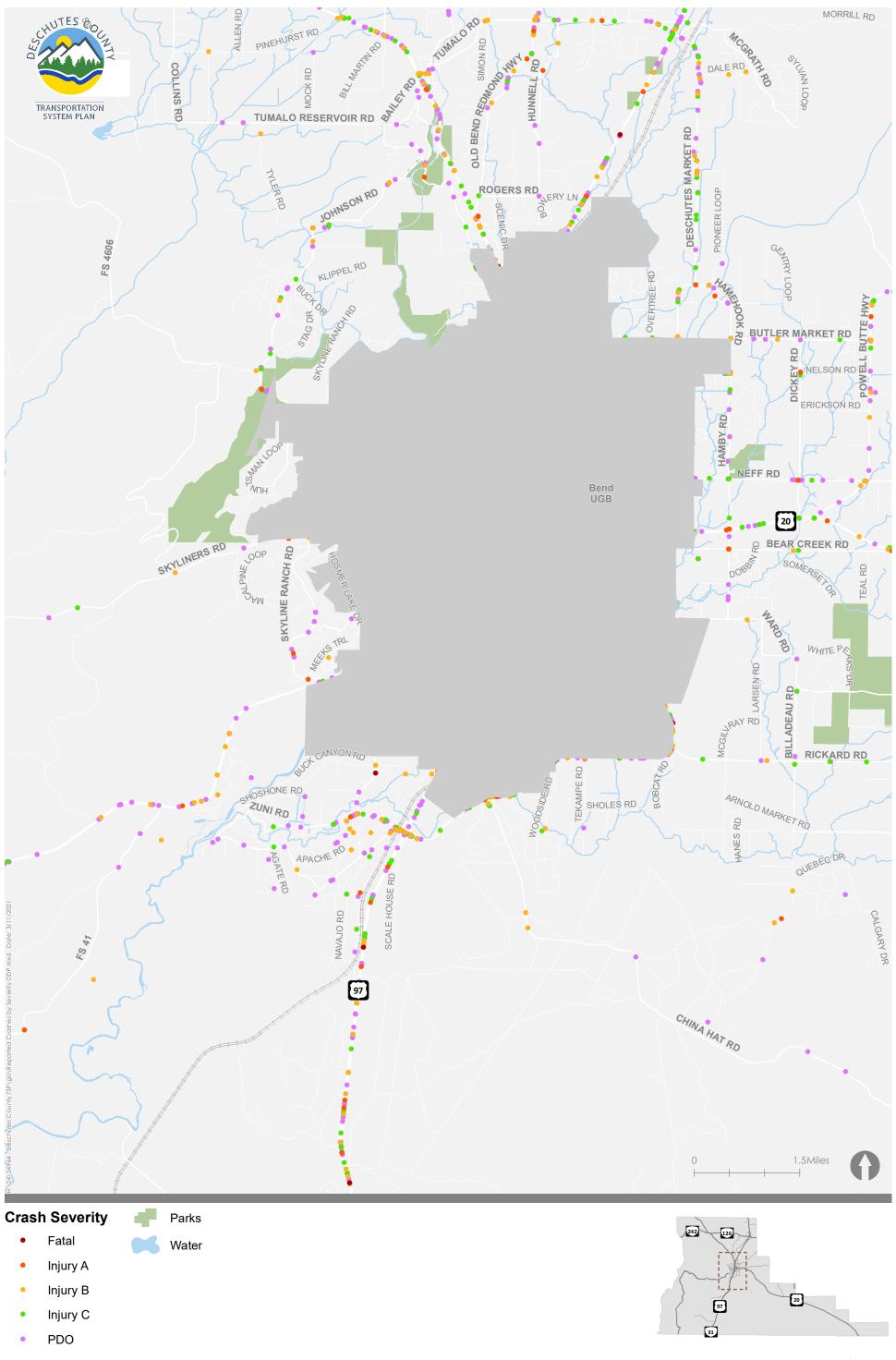


Figure 11





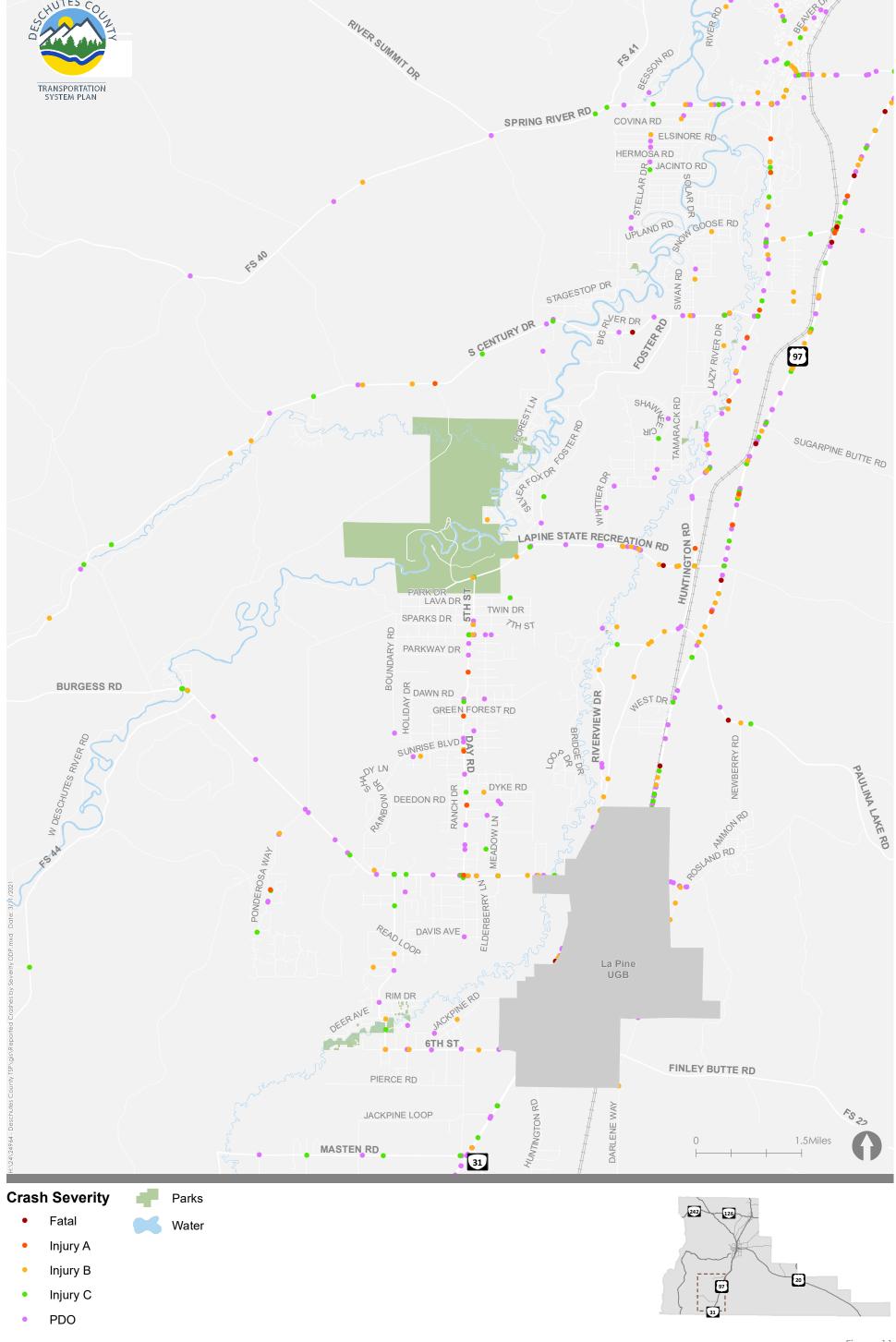


Figure 11

#### **CRASH TYPE**

Figure 12 shows a summary of the reported crash types as included in the TSAP. Lane departure crashes include those in which a vehicle exits its lane and hits a fixed object or animal, is involved in a head-on crash, or is overturned. As shown in the figure, these crashes together constitute the largest type of crashes in Deschutes County (1,921, 60 percent). Rear-end crashes are the second-most common crash type.

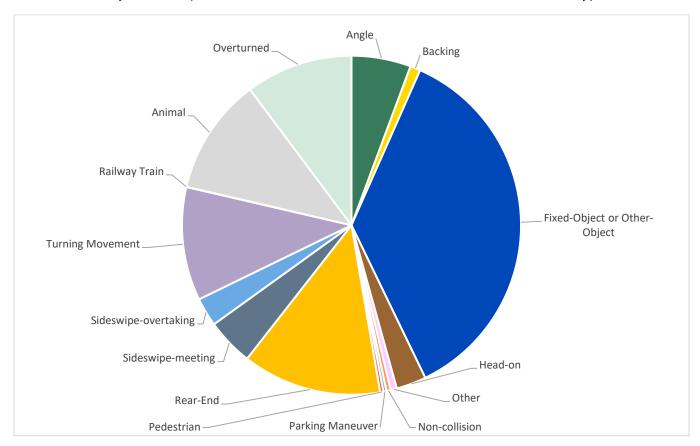


Figure 12. Countywide Crash Type (2012-2016)

#### **Animal Crashes**

Per the TSAP, crashes involving animals are shown in Figure 13. In accordance with Oregon House Bill (HB) 2834, the alternatives evaluation will also consider wildlife corridors, crossings, and safety.



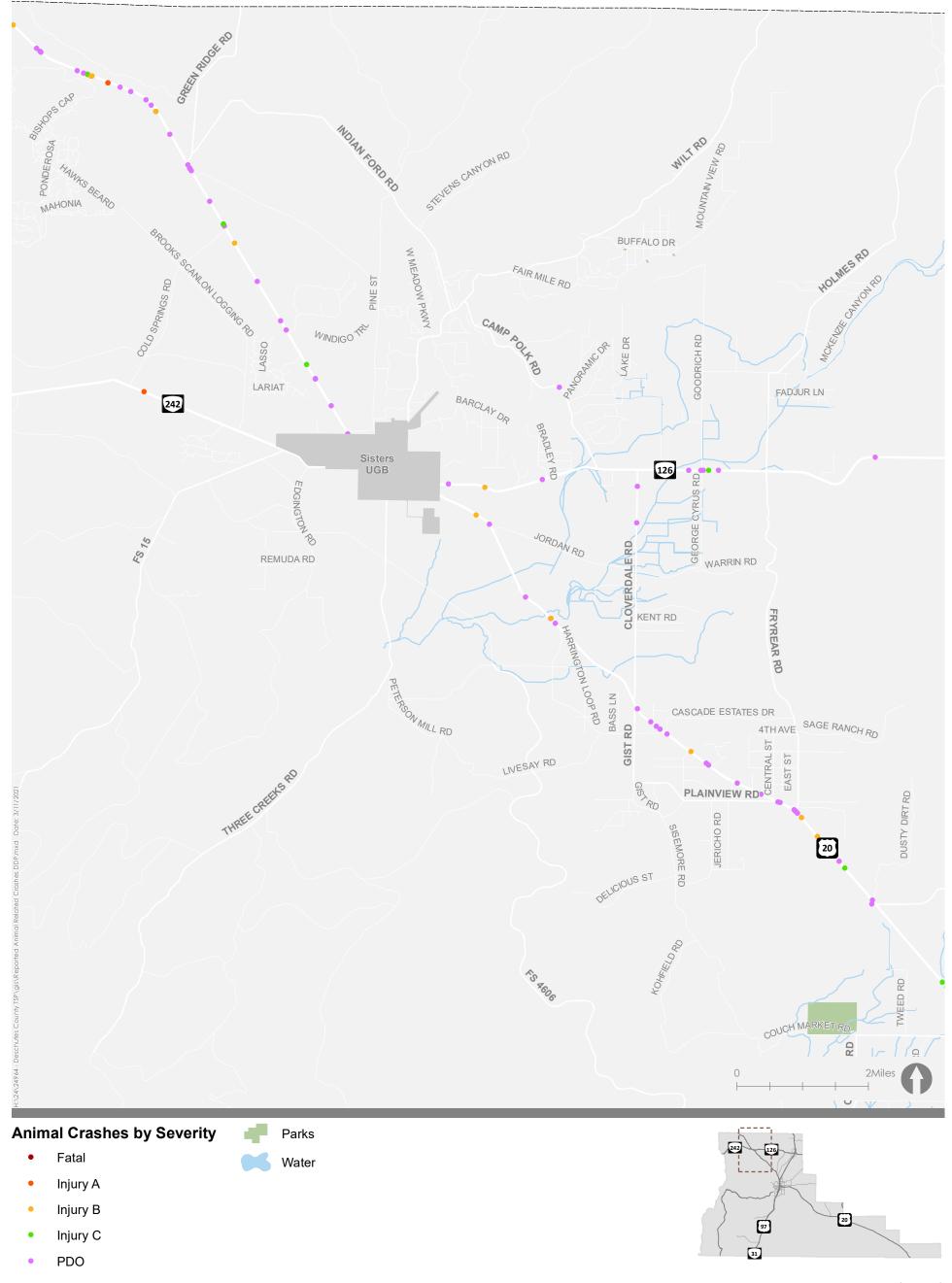
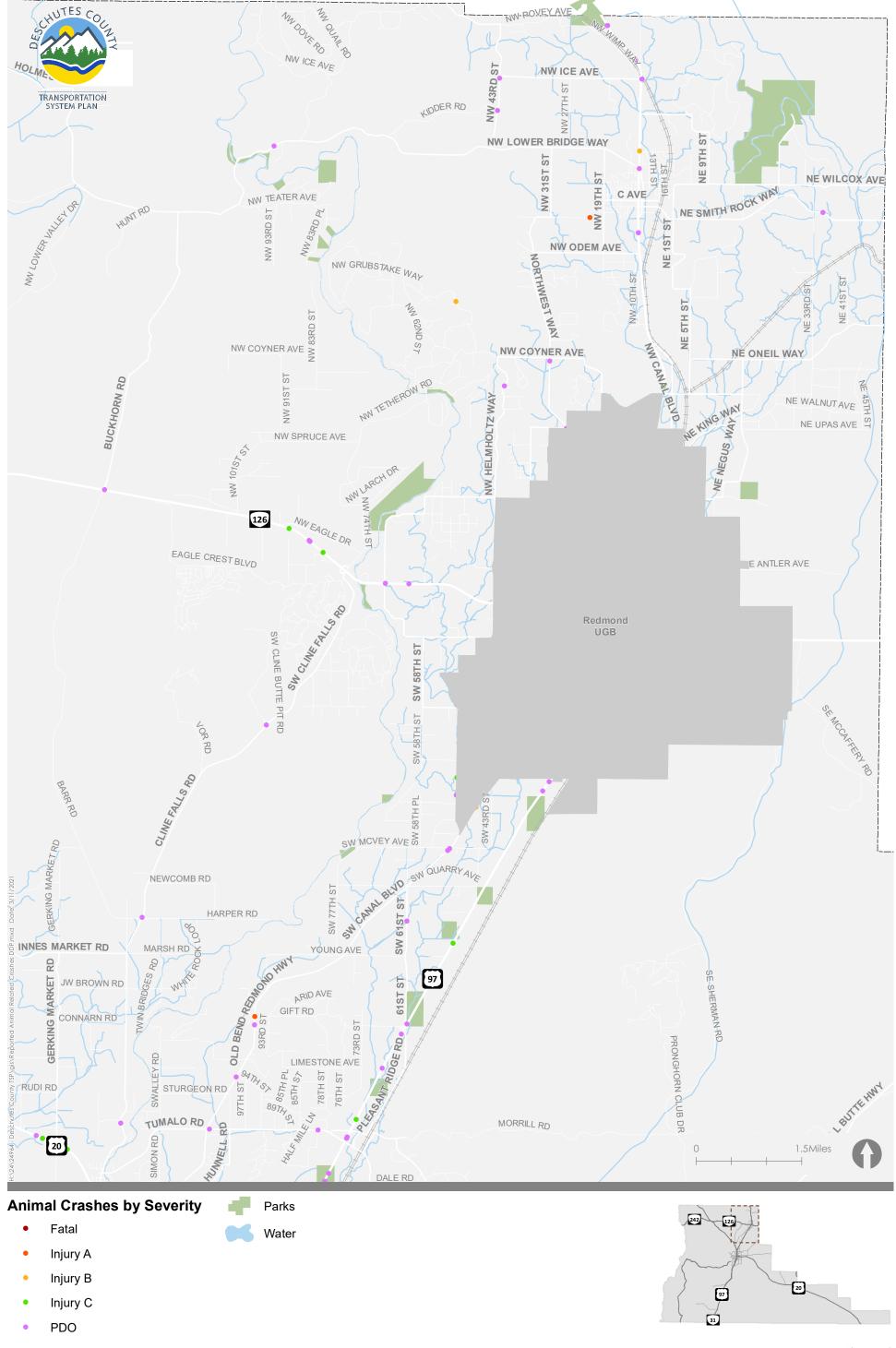
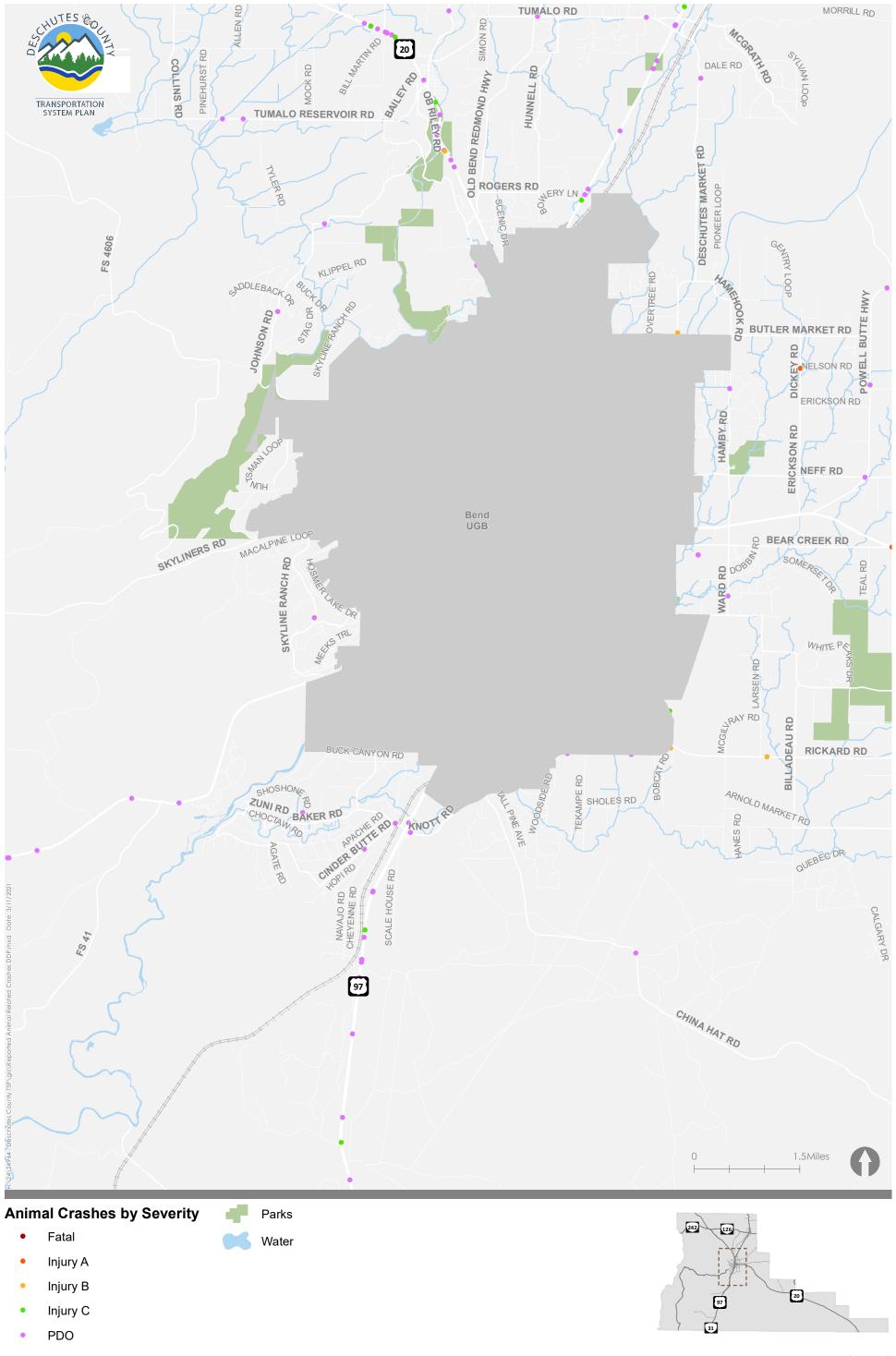


Figure 13





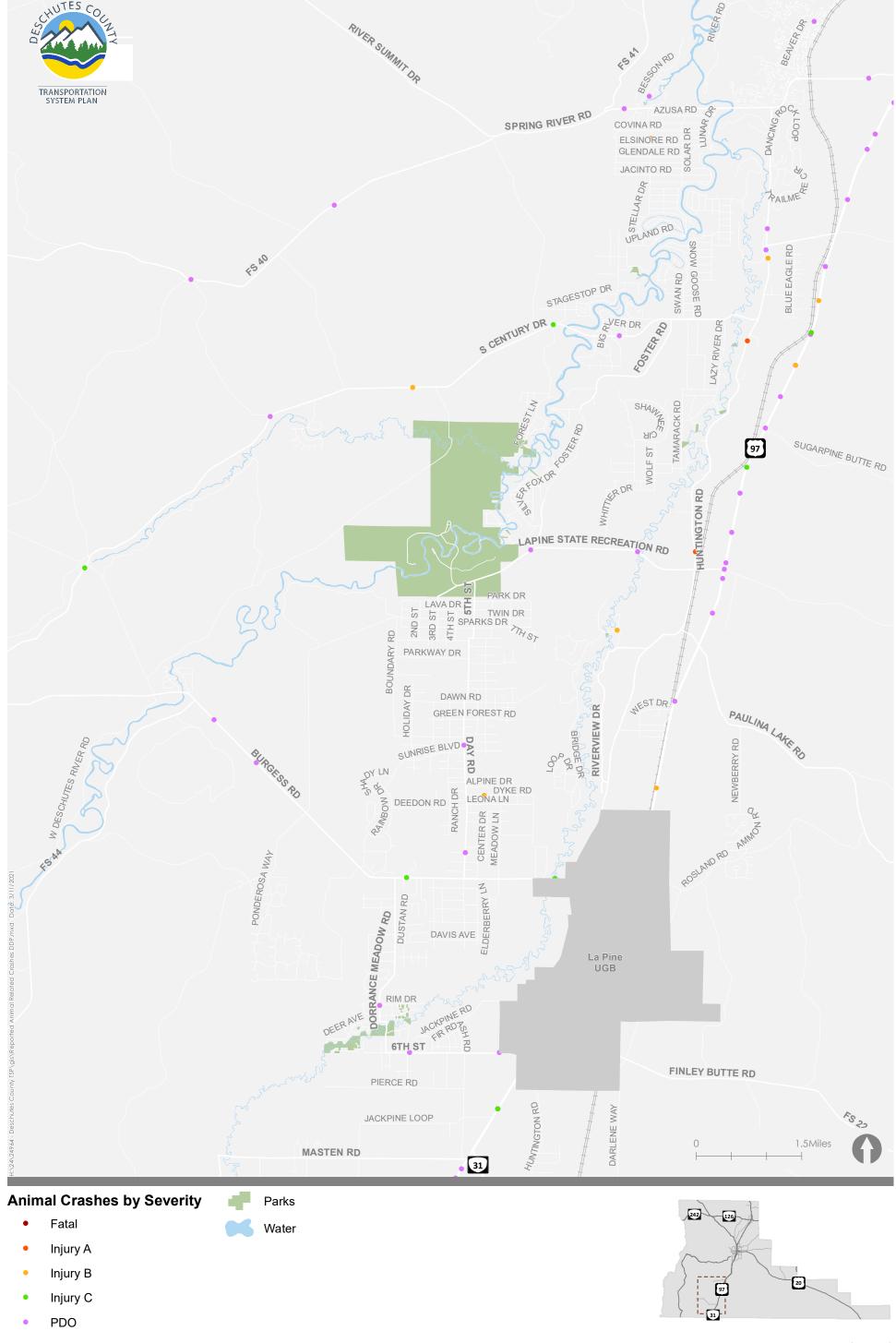


Figure 13

Further detail on the analyses of the documented crash history on County roadway segments, intersections, severity, traveler behaviors, roadway conditions can be found in the TSAP.

#### CRASHES INVOLVING "VULNERABLE USES"

People walking, biking and riding motorcycles are more likely to be injured when a crash occurs. A more detailed review involving these users revealed that 139 crashes were reported within the County over the five-year time period. Key findings of this analyses revealed:

- Motorcyclists 60 motorcycle crashes were reported on County roads, accounting for 4 percent of reported crashes on County roads and 26 percent of fatal/incapacitating crashes. Ninety-four percent of motorcycle crashes on County roads resulted in some level of injury, with 52 percent resulting in fatal or severe injury. More motorcycle crashes occurred on County roads (60 crashes) compared to State highways (32 crashes). Of the 60 motorcycle crashes on County roads, five involved alcohol or drugs, and 29 crashes involved speed.
- Pedestrians four pedestrian-involved crashes were reported on County roads. See Appendix C for more details on the pedestrian-involved crashes. The pedestrian crashes were reported on the following roads:
  - Baker Road
  - Skyliners Road

- Tumalo Road
- Smith Rock Way
- Bicyclists (severity). Fifteen bicyclist-involved crashes were reported on County roads, and each of
  these 15 crashes resulted in some level of injury, including four incapacitating injury crashes. The TSAP
  did not identify any corridors with patterns of multiple bicycle crashes. The bicycle crashes were more
  common within or on the outskirts of developed areas (Bend, La Pine, Sunriver, Redmond,
  Terrebonne) and key routes between these communities. See Appendix C for more details on the
  bicyclist-involved crashes. The bicycle crashes were reported on the following roads:
  - S Century Drive (Sunriver)
  - Pioneer Lane
  - Day Road
  - Dorrance Meadow Road
  - Upper Deschutes Road
  - China Hat Road
  - Cheyenne Road/Cherokee Road
  - Powell Butte Highway/Nelson Road
  - Baker Road/Cinder Butte Road

- Old Bend Redmond Highway
- Johnson Road
- 5<sup>th</sup> Street (in Tumalo)
- Pinehurst Road
- NW Lower Bridge Way
- NE Crooked River Drive
- Two bicycle crashes on state highways occurred at intersections with County roads: Highway 20 and Bear Creek Road; Highway 20 and Ward Road/Hamby Road

## **Potential Safety Needs**

Top sites for safety improvements in unincorporated Deschutes County identified through the TSAP are listed below. These locations were identified based on a network screening of all County intersections, which weighted more severe crashes higher than less severe crashes. These intersections has the highest total score. Several of these locations have projects planned or in-process. This TSP update will further review the identified safety concerns and TSAP recommendations at these sites:

- US20/Ward Road/Hamby Road
- US97/Vandevert Road
- US20/Fryrear Road
- Burgess Road/Day Road/Pine Forest Drive
- Bear Creek Road/Ward Road
- Alfalfa Market Road/Dodds Road
- US20/Old Bend Redmond Highway
- US20/O.B. Riley Road/Cook Avenue
- US97/61st Street
- US97/11th Street/Lower Bridge Way
- 61st Street/Quarry Ave/Canal Blvd
- Northwest Way/Coyner Ave
- Alfalfa Market Road/Walker Road
- US97/Smith Rock Way/B Ave
- Deschutes Market Road/Hamehook Road

- US97/Burgess Road
- US20/Hawks Beard (Black Butte Ranch)
- El Camino Lane/Helmholtz Way
- Canal Blvd/Helmholtz Way
- Dickey Road/Nelson Road
- US97/Galloway Ave
- Butler Market Road & Powell Butte Highway
- Butler Market Road & Hamby
- Butler Market Road & Hamehook
- Baker Road & Cinder Butte
- S Century and Huntington
- Cline Falls Rd/Coopers Hawk Drive/ Falcon Crest Drive
- Lower Bridge Way/19th
- Lower Bridge Way/31st
- Lower Bridge Way/43rd

# 06 | Multimodal Transportation Analysis

The following section identifies the existing needs of people walking, riding bikes, and taking transit as well as the rail and air systems.

## **Existing Bicycle Facilities**

Facilities for people biking in Deschutes County are shown in Figure 14. This inventory is based on available GIS data, including the shoulder width on state highways. This figure also reflects state roads where the paved shoulder width is at least six feet (which can be considered to be a minimum width for use by people walking

and biking along rural roadways).<sup>1</sup> On most of these facilities, there is no buffer between vehicles and people walking and biking on these roads, which can lead to a perceived high level of stress for walkers and cyclists, though low vehicle traffic, which is the case in most instances shown, can reduce level of stress when little or no shoulder is provided.

There are two Oregon Scenic Bikeways completely in the County, the Twin Bridges Scenic Bikeway and the Sisters to Smith Rock Scenic Bikeway. The Twin Bridges Scenic Bikeway loops 36 miles from Bend through Central Oregon to show off snow-capped mountains, rimrock canyons, high-desert rangeland, and the Deschutes River. The Sisters to Smith Rock Scenic Bikeway is a 37-mile one way route that begins in Sisters and takes riders through pastures, a canyon, and Terrebonne. The McKenzie Pass Scenic Bikeway is considered a "partial route" with the Deschutes County section located between the McKenzie summit and the City of Sisters; the western half is in Lane County. This route is closed during the winter months but is accessible to bicycles in the spring before it reopens to cars.

Other County bike facilities include trails in Oregon State Parks and Bend Parks and Recreation District parks outside of the UGB areas. Oregon State Parks in the County with trails are Smith Rock State Park, Tumalo State Park, and La Pine State Park. Trails located in the unincorporated County owned and maintained by Bend Parks and Recreation District include Shevlin Park trails, canal trails, the Deschutes River Trail, the Rails w/ Trails Corridor, the Cascade Highlands Trail, the TransCanada Trail, and the Powerline Trail. Various destination resorts also have private bike trails internal to the resort.

Many other recreational and hiking trails exist within the County. While the trails themselves are not an essential component of the County's transportation system, access to those facilities, including numerous official and unofficial trail heads along County roads support the quality of life of visitors and County residents. Locations where additional planning or infrastructures is needed to support these activities will be further explored through this TSP update.

## **Existing Pedestrian Facilities**

Facilities for people walking in Deschutes County are shown in Figure 15. This figure also shows the existing and planned pedestrian facilities in the unincorporated communities of Terrebonne and Tumalo. Roadways adjacent to schools or other key activity centers for people walking (e.g., parks, trail connections, rural commercial areas, etc.) located in unincorporated areas may be appropriate locations for dedicated pedestrian and bicycle facilities. Rural communities in the County generally lack sidewalks. In Terrebonne, there are sidewalks along the frontage of Terrebonne Elementary School but no sidewalks directly west of the school. In Tumalo, there is also sidewalk along the frontage of Tumalo Community School but this sidewalk does not connect to the other sidewalks in the community. Wide paved shoulders may be adequate in unincorporated communities but dedicated, separated sidewalks or trails may be appropriate to connect to key destinations such as schools within the rural communities.

<sup>&</sup>lt;sup>1</sup> Although people walking and biking may use shoulders less than six feet wide, four feet is generally accepted as the minimum adequate width to accommodate these users. Six feet was used as the minimum due to the geometry and nature of the roadways. Four feet is the minimum on open shoulders.

## **County Bikeway Standards**

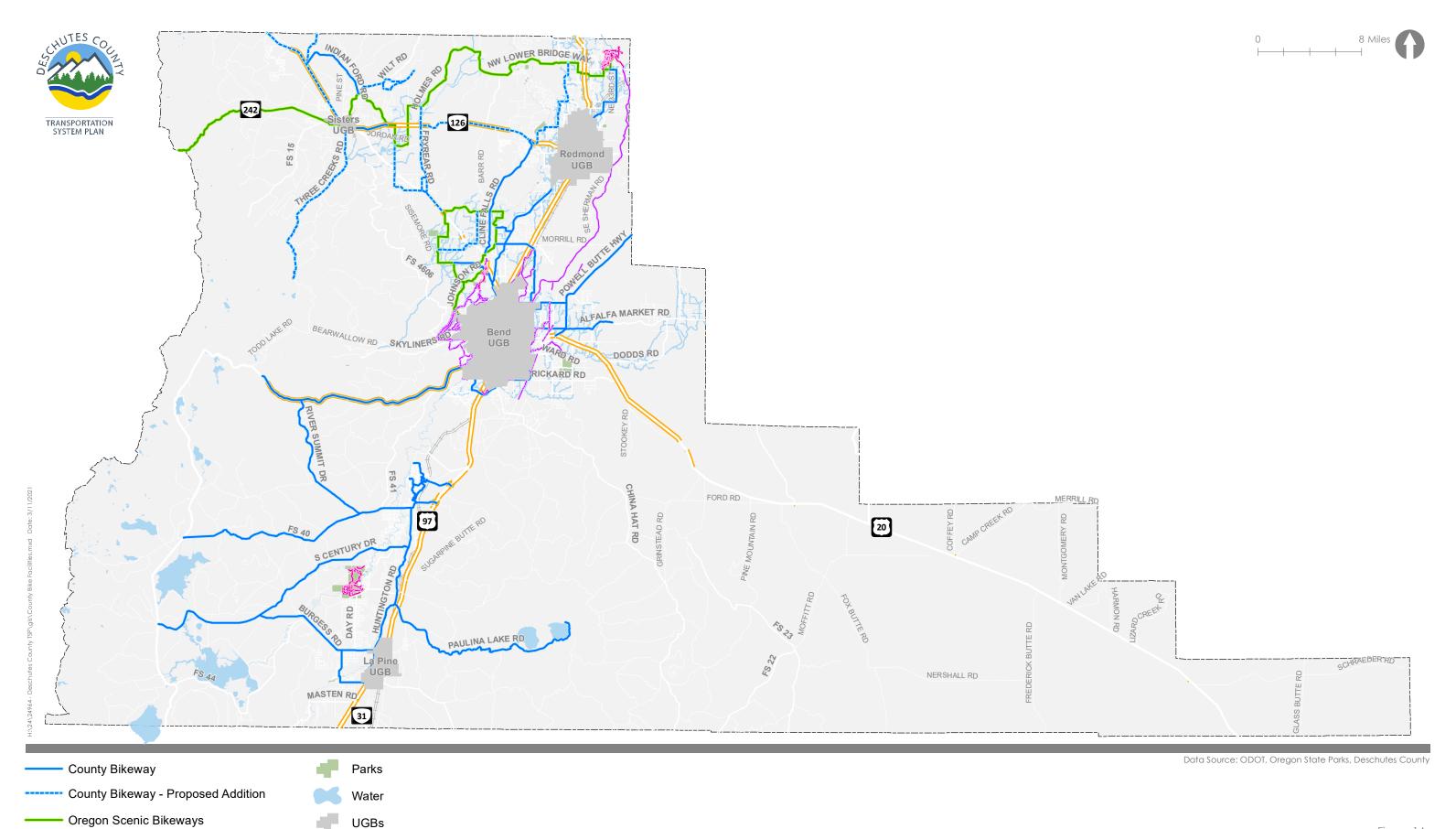
The County's existing bikeway standards are shown in Table 7 and contained in DCC Chapter 17.48, Design and Construction Specifications, Table B.

		Table 7	7. County M	inimum	Bikewa	y Design	Standar	rds	
Туре	On/Off Road		Width <sup>1</sup>			rtical arance	Clea	teral erance h side)	Use
		Min.	Stand.	High Use	Min.	Stand.	Min.	Stand.	-
Multiuse Path	Off	8′	10′	12′	8′	10′	2′	3′	-
Mt. Bike Trail	Off		2′		7′	10′			-
Bike Lane	On	4' w/ open shoulder 5' w/ curb or	- 6′						Use on urban arterial or major collector, or rural roads near urban areas with high anticipated bike
Shoulder Bikeway	On	parking  4'	4' w/ open shoulder 5' w/ curb or other barrier	- 6'					Recommended on higher speed, and traffic volume rural roads
Shared Roadway	On								Recommended only on local roads with speeds of 25 mph or less, and <3,000 ADT

<sup>(1) 10</sup> ft is the standard width for a two-way multi-use path; they should be 12 ft wide in areas with high mixed-use. Faster moving bicycles require greater width than pedestrians; optimum width should be based on the relative use by these two modes. High use by skaters may also require greater width. The minimum width is 8 ft. However, 8-ft. wide multi-use paths are not recommended in most situations because they may become over-crowded. They should only be constructed as short connectors, or where long-term usage is expected to be low, and with proper horizontal and vertical alignment to assure good sight distances.

The County designates certain roadways as Bikeways. Per County policies, shoulders on these roads are widened or maintained through ongoing maintenance activities, as feasible, to 6 feet to provide space for those riding bikes. Many of the County bikeways do not yet have 6' paved shoulders.

Given the rural context, the County's cross section standards do not specify the need for sidewalks along roadways except within areas of the unincorporated communities of Terrebonne and Tumalo.



Oregon State Park Trails

Bend Parks and Recreation District Trails

Paved Shoulders 6 Ft or Greater

Figure 14

Deschutes County Bike Facilities Area, Oregon

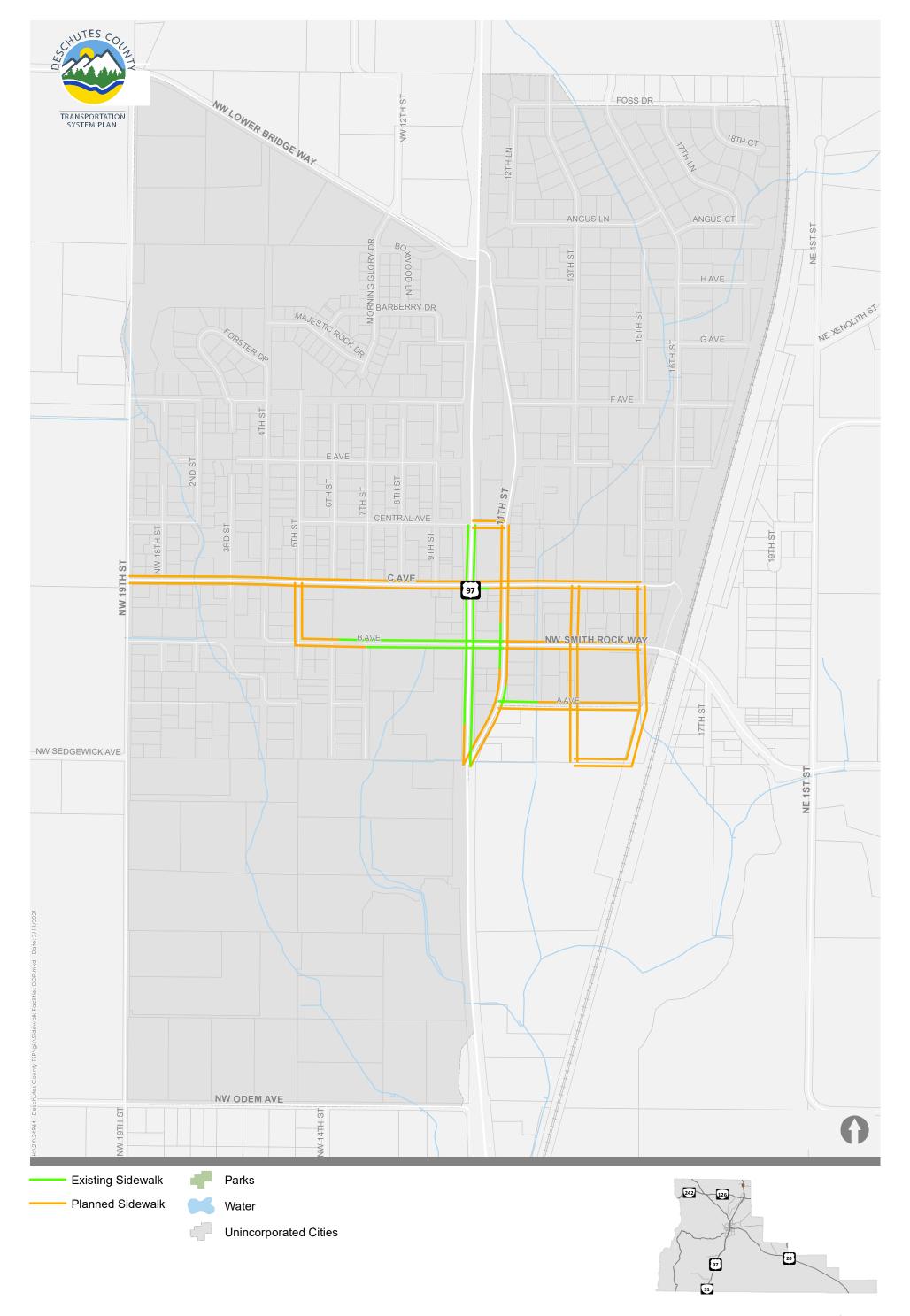


Figure 15

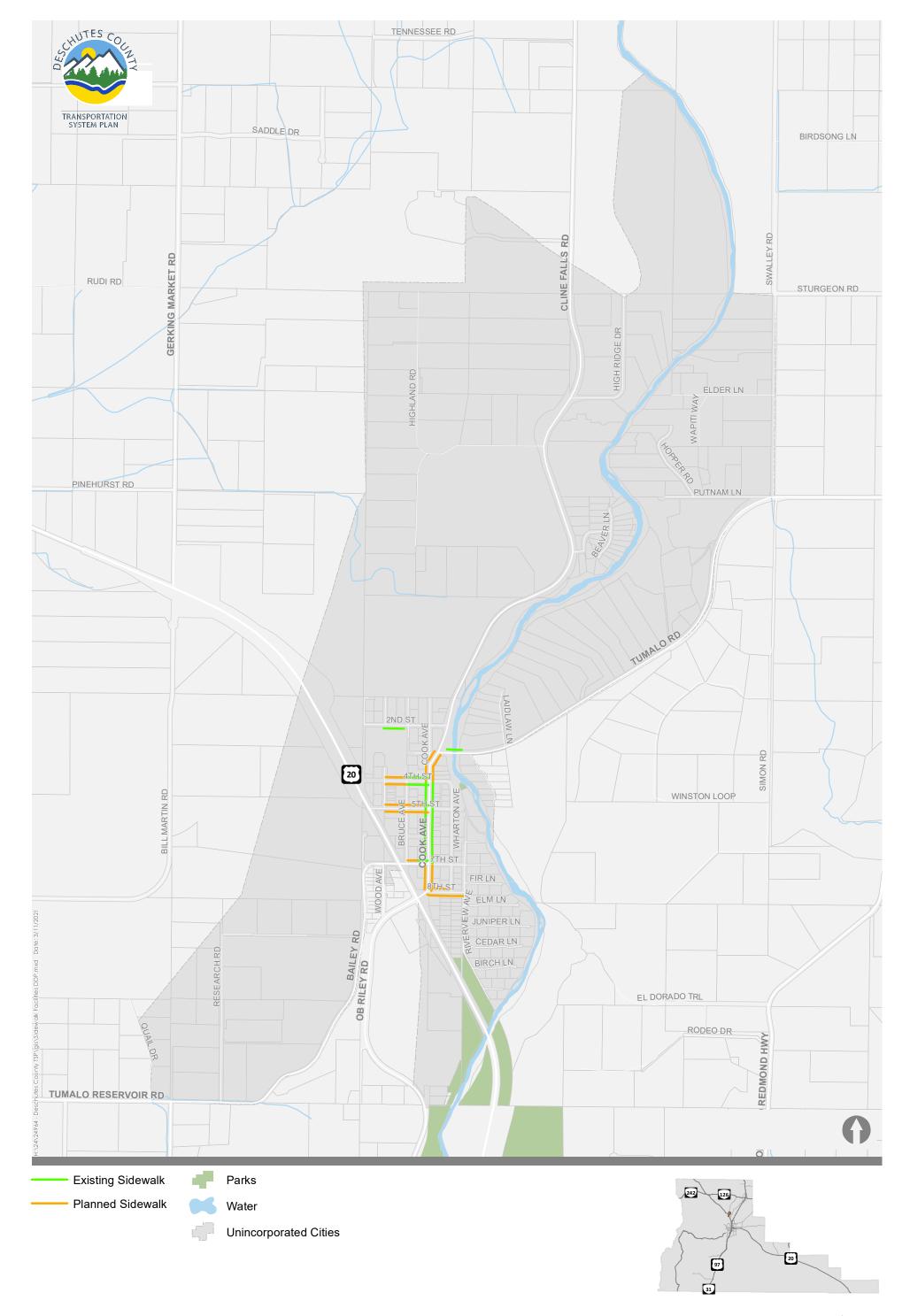


Figure 15

### **Public Transit System**

Public transportation is provided by Cascades East Transit (CET). Both public and private bus transportation providers also serve intercity connections in Oregon.

CET provides connections within the County and between Deschutes County with surrounding other counties. CET operates eight Community Connector fixed routes that connect riders between Bend, Redmond, La Pine, Sisters, Terrebonne, Madras, and Prineville, shown in Figure 16. These services are open to the general public and operates Monday through Friday. Table 8 summarizes the key service areas, hours, trips per day, and fare zones for routes between 22 and 30.

CET Route 18 is a shuttle service in the winter season from Bend to Mt. Bachelor, which stops at Hawthorne Station, Mt. Bachelor Park-and-Ride, Meissner Sno-Park, and Mt. Bachelor's West Village Lodge. The shuttle operates Monday to Thursday from 6:40 a.m. to 5:30 p.m. and Friday and Saturday from 6:40 a.m. to 6:30 p.m., making multiple trips. Riders can purchase shuttle tickets at Mt. Bachelor's Guest Services, at Safeway on Century Drive, or from the bus driver using exact change.

The Central Oregon Breeze offers daily bus trips between the Portland Area and Central Oregon, including stops within the Bend and Redmond UGBs, including at the Bend bus station, Redmond transit hub, and the Redmond Airport. The Redmond transit hub stop is a "flag stop" that must be reserved at least 24 hours in advance.

POINT provides connection to many cities throughout Oregon and Amtrack and Greyhound services. The Eastern Route provides service between Bend and Ontario, making a total of 11 stops at cities such as Brothers, Hampton, and Burns. There is usually one 5-hour trip per day in each direction. The Oregon Department of Transportation (ODOT)'s Rail and Public Transit Division funds and manages the POINT service through contracts with private transit carriers. Tickets can be purchased from Amtrak, Greyhound, and local independent ticket agents.

The Grant County People Mover has two routes with connections to Bend and Redmond. The services are open to anyone. One route goes from Monument, Oregon, to Bend and stops in Redmond among other cities outside the County. This service is offered every Wednesday and Friday and requires reservation. The other route goes from Prairie City to Bend and also stops in Redmond among other cities outside the County. This service is offered on Monday, Wednesday, and Friday. On the days of service for both routes, there is an eastbound and westbound trip. Home pickup is available for an additional charge. Reservations can be made by phone.

Pacific Crest Bus Lines offers a Eugene to Bend daily charter bus service. It can be reserved for sports teams, weddings, school field trips, or other group travel events. There is usually one trip per day available in each direction. Tickets can be purchased from Amtrak, Greyhound, and local independent ticket agents.

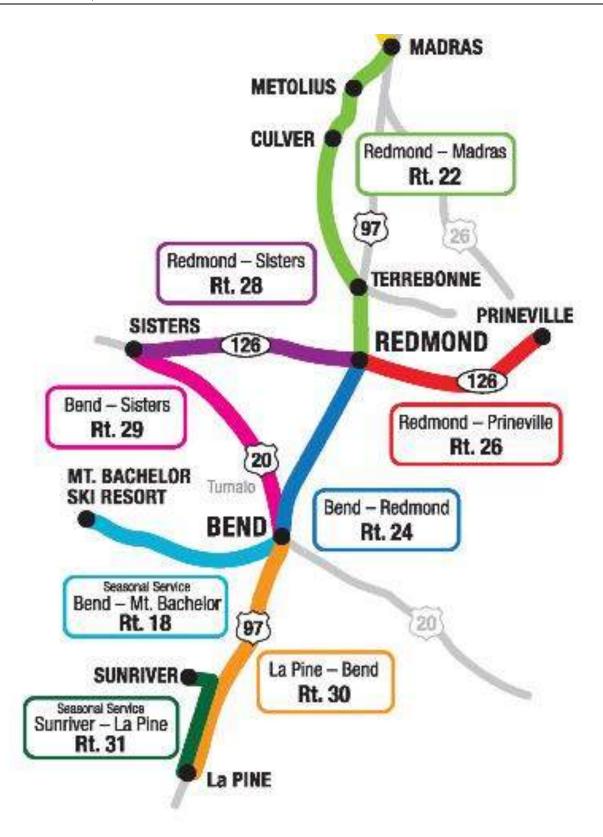


Figure 16. CET Routes in Deschutes County

	Table 8. Deschutes County Community Connector	r Routes Servi	ice Sumn	nary	
Fixed	Key Destinations	Hours	Trips p	er Day	Fare
Route	Rey Destinations	riours	NB/EB	SB/WB	Zone
22 – Madras- Redmond	<ul> <li>Redmond Transit         Center</li> <li>Metolius         City Hall</li> <li>Madras         DMV &amp;         Work         Source</li> </ul>	5:30am – 6pm	5	6	2 & 3
24 – Redmond -Bend	<ul><li>Bend Hawthorne Station</li><li>Cascade Village</li><li>Redmond Transit Hub</li></ul>	6am – 7pm	9	9	1 & 2
26 – Prineville- Redmond	<ul> <li>Redmond Transit Center</li> <li>Powell Butte School</li> <li>Crook County Library</li> <li>Stryker Park</li> <li>Prineville</li> </ul>	6am – 6pm	5	5	2 & 3
28 – Sisters- Redmond	<ul><li>Redmond Transit Center</li><li>Cloverdale Fire Station</li><li>Sisters</li></ul>	6am – 2:30pm	3	3	2 & 3
29 – Sisters- Bend	<ul><li>Bend Hawthorne Station</li><li>Sisters</li></ul>	6:30am – 5pm	3	3	1 & 3
30 – Bend-La Pine	<ul> <li>Bend Hawthorne         Station</li></ul>	6:30am – 6:30 pm	4	3	1 & 3

Rural Dial-A-Ride service is offered within La Pine, Redmond, and Sisters. This service is open to the general public and does not have any eligibility requirements. Riders must call the day before service is needed to reserve a ride. Ride times are scheduled based on availability.

#### TRANSIT NEEDS

The following transit service needs were identified by CET for Community Connector routes within the incorporated portions of the County:

- More frequent service between Bend-Redmond
- Increased service on Saturdays and in the later evenings
- Increased frequency of weekday trips
- Interlining Routes 24 from Bend to Redmond and 26 from Prineville to Redmond
- Increased service to the Redmond airport
- New service to Sunriver, Deschutes River Woods

With Bend's growing popularity for recreational and outdoor activities for residents and visitors alike, the following locations within the unincorporated areas of County have been identified for where CET may expand its recreational services (depending on partnerships, available funding, and vehicle capacity):

- Sunriver (year-round)
- Black Butte Ranch (year-round)
- High Desert Museum (year-round)
- Smith Rock (spring and fall)
- Popular Central Oregon sno-parks (winter)
- Mt. Bachelor and the Cascades Lakes (summer)

CET also identified the need to provide expanded Dial-A-Ride service coverage to areas along the County's geographic boundaries.

In addition, the needs of the transportation disadvantaged can be considered relative to CET's identification of future service for:

- Student transportation for regional schools
- Free Dial-A-Ride bus fare for older adults

Finally, future capacity needs identified by CET include: New Route 24 stops at the airport and west of US 97

- New Sunriver service
- Enhanced pedestrian and bicycle connections to transit stops (City, County, and State ownership and planning)
- Further develop facilities that continue to support ADA access

Within the unincorporated and rural areas of the County, the CET Master Plan identifies the following:

- Increasing local circulation via local Dial-A-Ride and/or Community Connector vehicles;
- Providing service to Crooked River Ranch via shopper/medical shuttles;
- Potential service to Eagle Crest, providing a stop in Tumalo along Route 29;

- Improved/ more efficient stop for Deschutes River Woods (e.g. Riverwoods Country Store) or an alternative way to serve Deschutes River Woods via Route 30;
- Re-routing existing service lines to Sunriver;
- Adding service to the High Desert Museum and Lava Lands Visitor Center (potentially seasonally based); and,
- A new Route 31 and/or modification of Route 30 to connect La Pine and Sunriver

Finally, the transit capital investments identified in the CET Plan include fleet replacement and expansion and transit stops enhancement and additions.

## Rail System

The Burlington Northern Santa Fe Railroad (BNSF) owns the rail line that parallels US 97 within the County. Union Pacific Railroad also has rights to use the line. The railroad passes through Terrebonne, Redmond, Bend, and La Pine and serves primarily industrial and agricultural purposes. The City of Prineville also owns a railway in the County that runs from Redmond to Prineville along OR 370. This a short line railway used for freight. These two rail lines in Deschutes County have connections at a junction north of Redmond. There are ten atgrade rail crossings located on County Roads throughout the County. The 2009 Central Oregon Rail Planning Report<sup>2</sup> lists the following locations in Deschutes County as the highest priority for bridging existing at-grade crossings-

- BNSF/COPR Lines (Prineville Jct)/O'Neil Highway
- BNSF Line / Airport Way
- BNSF Line / Cooley Road

- BNSF Line / Reed Market Road
- BNSF Line / Baker Road
- BNSF Line / US 97

There is no passenger rail service in the County. The nearest passenger rail service is provided in Portland and Chemult.

## **Air Transportation System**

The largest public use airport in the County is Roberts Field-Redmond Municipal Airport (RDM) located in southeast Redmond, south of OR 126 and east of Highway 97. The City of Redmond owns and operates the airport, which is the fourth-largest airport in Oregon by commercial passenger boardings, and it is primary a commercial service airport. Commercial service is provided by Alaska Airlines, United Airlines, Delta Air Lines, American Airlines, Empire Airlines, Silver Air, Ameriflight, and Boutique Air. These carriers offer arriving and departing flights daily with direct flights to Denver, Portland, Salt Lake City, San Francisco, Phoenix, Los Angeles, and Seattle.

<sup>&</sup>lt;sup>2</sup>Central Oregon Rail Planning (2009) by Central Oregon Area Commission on Transportation (COACT), page 11.

The Bend Municipal Airport is located 5.5 miles northeast of Bend on Powell Butte Highway. It caters to the needs of general aviators, hosts two flight training schools, and is home to numerous businesses. It provides charter flights and rental cars.

The Sunriver Airport is a privately owned general aviation airport located at the Sunriver destination resort 15 miles south of Bend and several miles west of Highway 97. The airport is open to the public year-round offering fuel and service. Rental cars can be arranged as well as transportation to the Sunriver Lodge.

The Sisters Eagle Airport is a privately owned, public use general aviation airport within the northeast edge of the City of Sisters on Camp Polk Road. The airport is open to the public with fuel and other select services available. The airport is unattended and supports locally based aircraft, but primarily accommodates recreation-oriented traffic. The airport has certain operational limitations, which are associated with runway orientation, prevailing winds, and high elevation terrain located approximately 2,000 feet northeast of the airport.

In addition to the four public-use airports previously listed, there are a number of private "personal use" air strips within the County.

# 07 | Bridge, Marine, and Pipeline System

### **Bridge System**

There are 94 bridges located within the unincorporated areas of Deschutes County, as illustrated in Figure 17. The County owns and maintains 48 bridges, the State owns and maintains 36 bridges, Oregon State Parks owns and maintains two bridges, and other agencies own and maintain eight bridges.

here are 2								

		Table	9. Brid	ges with Posted	Load Ratings		
Bridge ID	Carries	Crosses	MP	Bridge Type	Posting	Status	Sufficiency Rating
15452	Smith Rock Road	North Unit Can/Smith Rock	3.5	Bituminous	3, 10.0-19.9% below Legal Loads	P Posted for Load	76.9
17C30	Gribbling Road	COI Canal	1	Wood or Timber	0, >39.9% below Legal Loads	E Open, temp struct	22

Inspectors rate the bridges on structural integrity, functionality, scour rating, and other criteria, and assign a score called a sufficiency rating. The sufficiency rating is a numeric evaluation of a bridge's sufficiency to

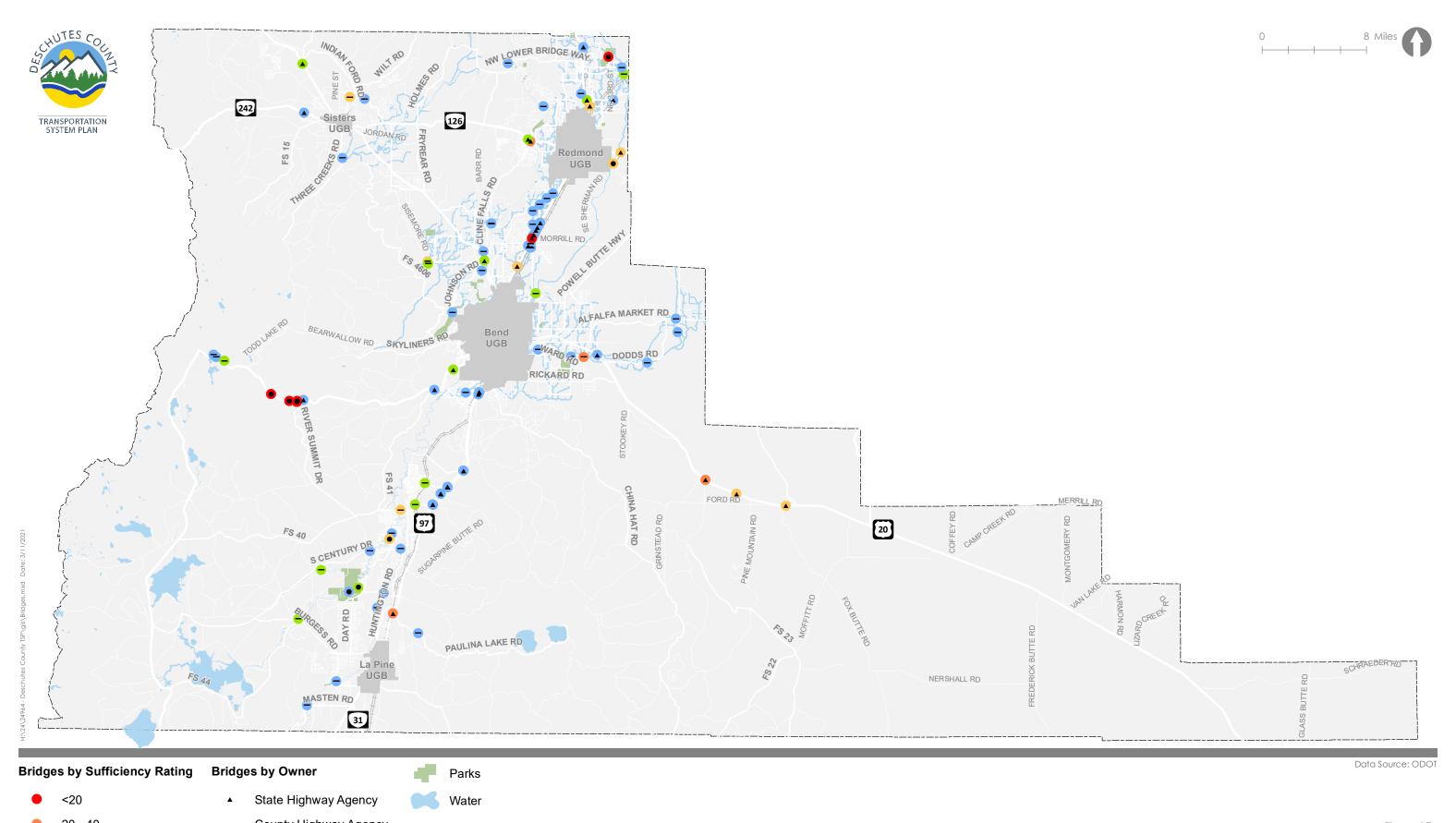
remain in service. Sufficiency ratings range from zero to 100, with zero being entirely insufficient and 100 percent entirely sufficient. The sufficiency rating considers structural adequacy, serviceability, functional obsolescence, importance for public use, eligibility for federal replacement funds, and a few lesser factors. Bridges receiving low scores are posted to restrict the allowable maximum vehicle weight, rehabilitated, or replaced.

A sufficiency rating below 50 implies that the bridge is in poor condition and may need to be replaced. Bridges rated between 50 and 80 indicate that the bridge is in fair condition, and that rehabilitation, if cost-effective, will bring the bridge up to current standards. Bridges with sufficiency ratings above 80 may have specific elements that do not meet current minimum standards, but overall are in good or adequate condition in all areas and are not eligible for federal funding.

Based on the most recent bridge inspection reports, summarized in ODOT's database, the majority of the bridges within the County have sufficiency ratings higher than 80. There are three locations identified as "structurally deficient," as shown in Table 10.

The status and other details of all existing bridges in Deschutes County, including bridges under ODOT control and those under County control, is tabulated in Appendix D.

Tal	ble 10. Bridge	es within Des	chutes C	County Identified	d as Structurally D	eficient
Bridge ID	Carries	Crosses	MP	Bridge Type	Status	Sufficiency Rating
17C02	Sisemore Road	Couch Lateral	6.77	Bituminous	A Open, no restriction	49.2
17C30	Gribbling Road	COI Canal	1	Wood or Timber	E Open, temp struct	22
21706	Foot Bridge	Crooked River	0	Wood or Timber	A Open, no restriction	-2



20 - 40 – County Highway Agency
41 - 60 • Other Agency

>80

Bridges Deschutes County, Oregon

### **Pipeline**

As summarized in the U.S. Department of Transportation (USDOT) Pipeline and Hazardous Materials Safety Administration (PHMSA)'s National Pipeline Mapping System,<sup>3</sup> one natural gas pipelines run through Deschutes County. The pipeline runs north-south through the County and loosely follows US97 from Redmond to La Pine. The pipeline is operated by Gas Transmission Northwest LLC. There is also a permanently abandoned gas pipeline in the City of Bend that is roughly 0.38 miles in length.

No needs were identified related to pipelines within the County.

#### Water

There are no navigable waterways<sup>4</sup> located in Deschutes County but there are several waterways and lakes that are used recreationally. As local and regional destinations, access to these bodies of water facilitate tourism, economic development, and environmental conservation efforts. Major bodies of water include Paulina Lake, East Lake, Wickiup Reservoir, Crane Prairie Reservoir, Sparks Lake, the Crooked River, and the Deschutes River.

# 08 | Summary of Needs

This section summarizes the findings and needs identified throughout this memorandum. This information will help to inform the consideration of TSP Alternatives to address existing and future needs.

### **Roadway System Inventory Needs**

- The County will coordinate with ODOT and the incorporated communities to ensure consistency of individual roadway functional classification designations. Five roadways within the County were identified to have a different County classification than another governing jurisdiction.
- The County will continue to address needed roadway repairs through the ongoing maintenance program.
- The County does not have any designated local freight routes connecting to local industrial or other key destinations. The alternatives evaluation may explore County freight routes to serve key economic priority areas identified by the County.

## **Roadway Capacity Needs**

- Two roadway segments were estimated to facilitate year 2040 traffic volumes that may result in LOS E or F conditions. The need for additional roadway capacity along theses roadways will be further evaluated:
  - Deschutes Market Road at Greystone Ln
- S Century Drive at Venture Lane

<sup>&</sup>lt;sup>3</sup> https://www.npms.phmsa.dot.gov/ https://www.npms.phmsa.dot.gov/

<sup>&</sup>lt;sup>4</sup> Navigable waterways refers to all waters which are currently used, were used in the past, or may be susceptible to use in interstate or foreign commerce, including all waters subject to the ebb and flow of the tide

## **Safety Needs**

- This TSP update will explore the identified safety concerns and initial improvement concepts developed at the top County sites identified in the TSAP:
  - US20/Ward Road/Hamby Road
  - US97/Vandevert Road
  - US20/Fryrear Road
  - Burgess Road/Day Road/Pine Forest Drive
  - Bear Creek Road/Ward Road
  - Alfalfa Market Road/Dodds Road
  - US20/Old Bend Redmond Highway
  - US20/O.B. Riley Road/Cook Avenue
  - US97/61st Street
  - US97/11th Street/Lower Bridge Way
  - 61st Street/Quarry Ave/Canal Blvd
  - Northwest Way/Coyner Ave
  - Alfalfa Market Road/Walker Road
  - US97/Smith Rock Way/B Ave
  - Deschutes Market Road/Hamehook Road

- US97/Burgess Road
- US20/Hawks Beard (Black Butte Ranch)
- El Camino Lane/Helmholtz Way
- Canal Blvd/Helmholtz Way
- Dickey Road/Nelson Road
- US97/Galloway Ave
- Butler Market Road & Powell Butte Highway
- Butler Market Road & Hamby
- Butler Market Road & Hamehook
- Baker Road & Cinder Butte
- S Century and Huntington
- Cline Falls Rd/Coopers Hawk Drive/ Falcon Crest Drive
- Lower Bridge Way/19th
- Lower Bridge Way/31st
- Lower Bridge Way/43rd

#### **Multimodal Needs**

- Many of the County bikeways and highways do not have paved shoulders that are at least six feet wide. This lack of paved shoulders requires people biking to share the lane on these high-speed roads.
- There are two Oregon Scenic Bikeways in the County which connect Sisters with Terrebonne and Bend with Tumalo as well as a partial that connects McKenzie Pass to Sisters.. These route likely experience some of the highest recreational bicyclist traffic in the County and will be reviewed related to providing facilities for people biking.
- Small unincorporated communities currently lack dedicate pedestrian and bicycle facilities. Many of the roadways adjacent to schools or other pedestrian trip generators (parks, trail connections, rural commercial areas, etc.) located in Terrebonne and Tumalo are missing sidewalks. These facilities may be appropriate to connect to key destinations within the communities. Safe Routes to School funding may an option to assist with implementation of TSP recommendations in small communities.
- The CET Master Plan has identified a number of locations for increasing frequency and service levels via existing Transit routes and Dial-A-Ride service. Connection to the CET facilities will be considered as part of TSP alternatives.

## **Bridge Needs**

- The County will further evaluate the needs of three bridges identified as structurally deficient:
  - Sisemore Road at Couch Lateral (MP 6.77)
  - Gribbling Road at Coi Canal (MP 1.0)
  - o Foot Bridge at Crooked River (MP 0.0)

# **Appendices**

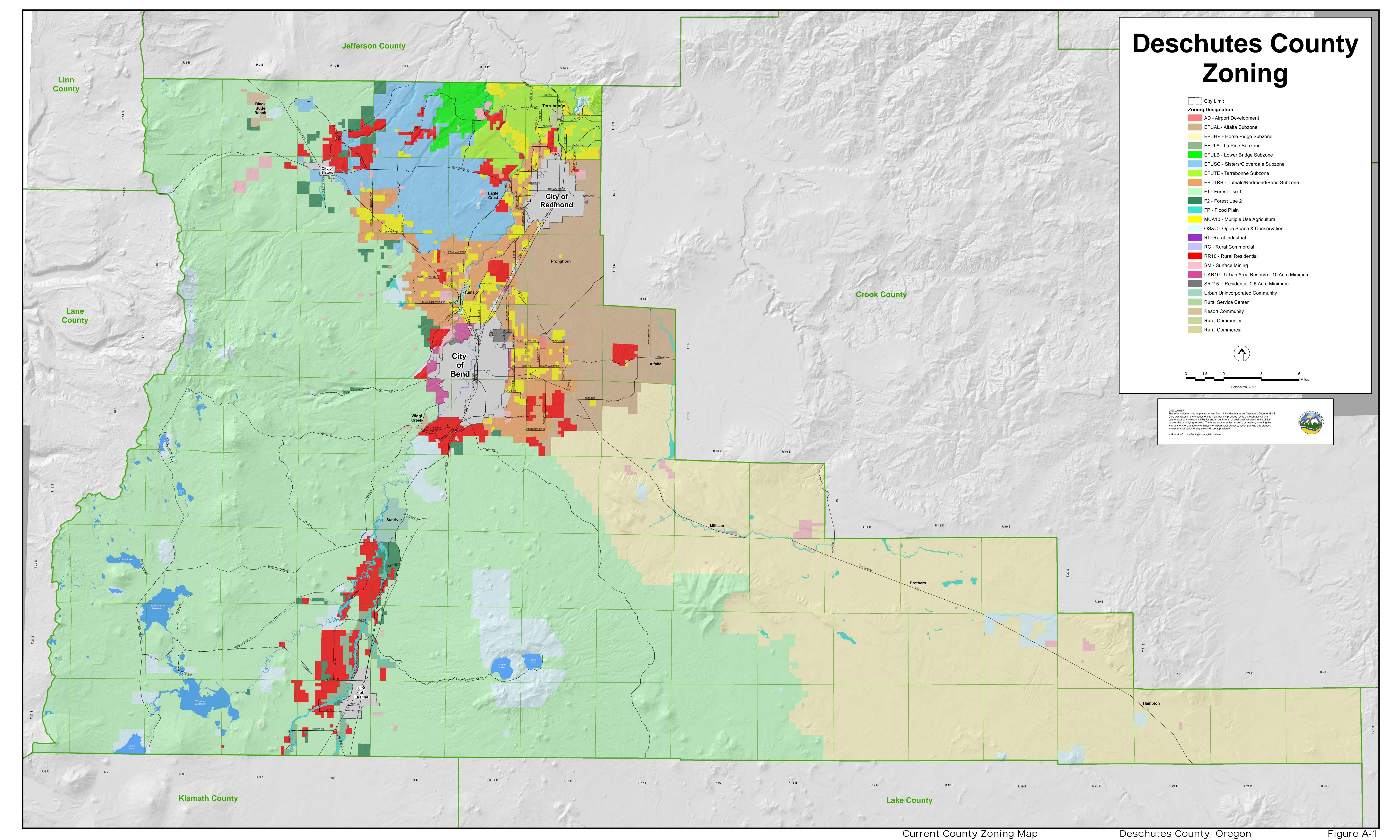
Appendix A: Land Use and Demographics

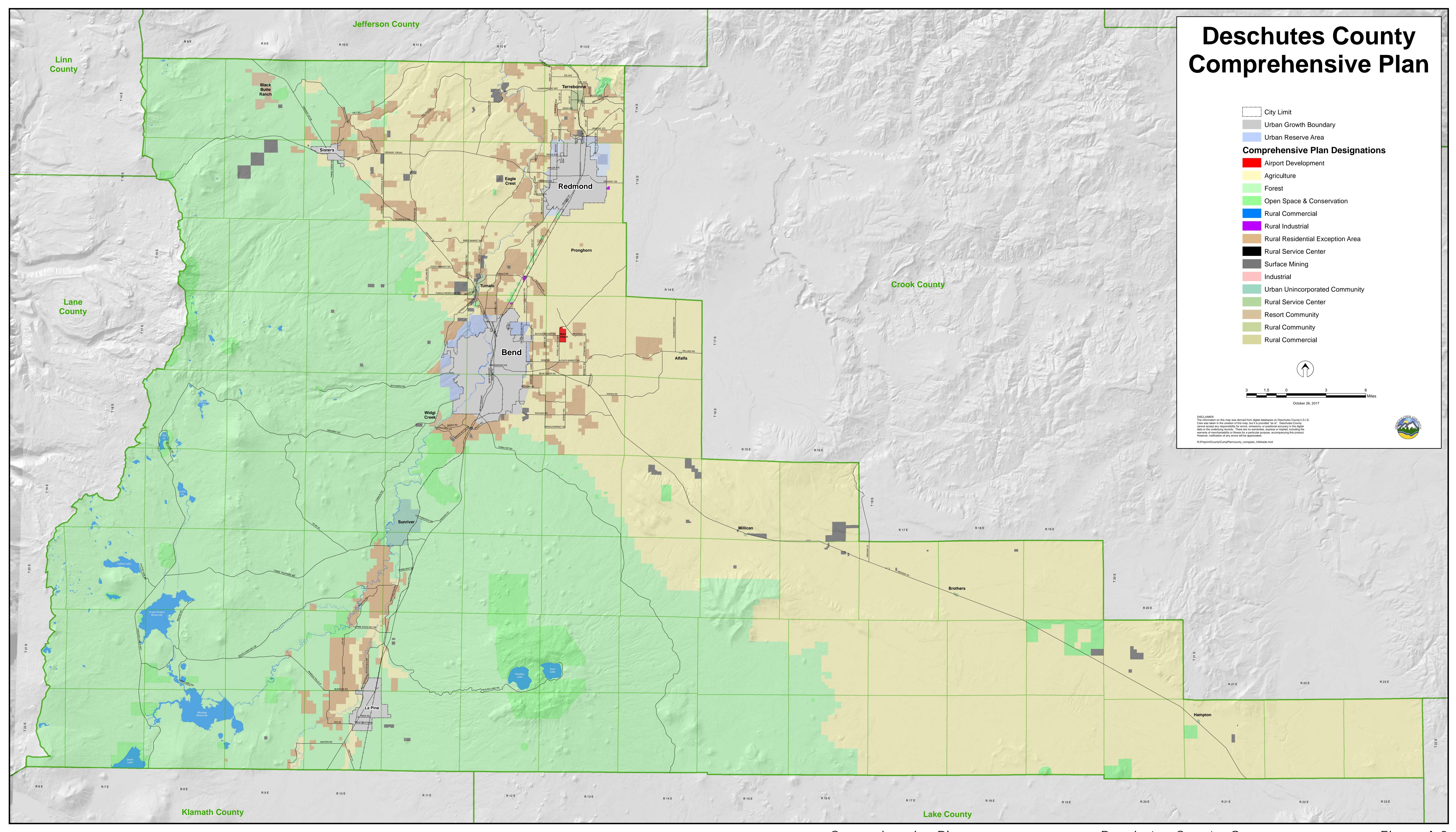
Appendix B: Methodology Memorandum

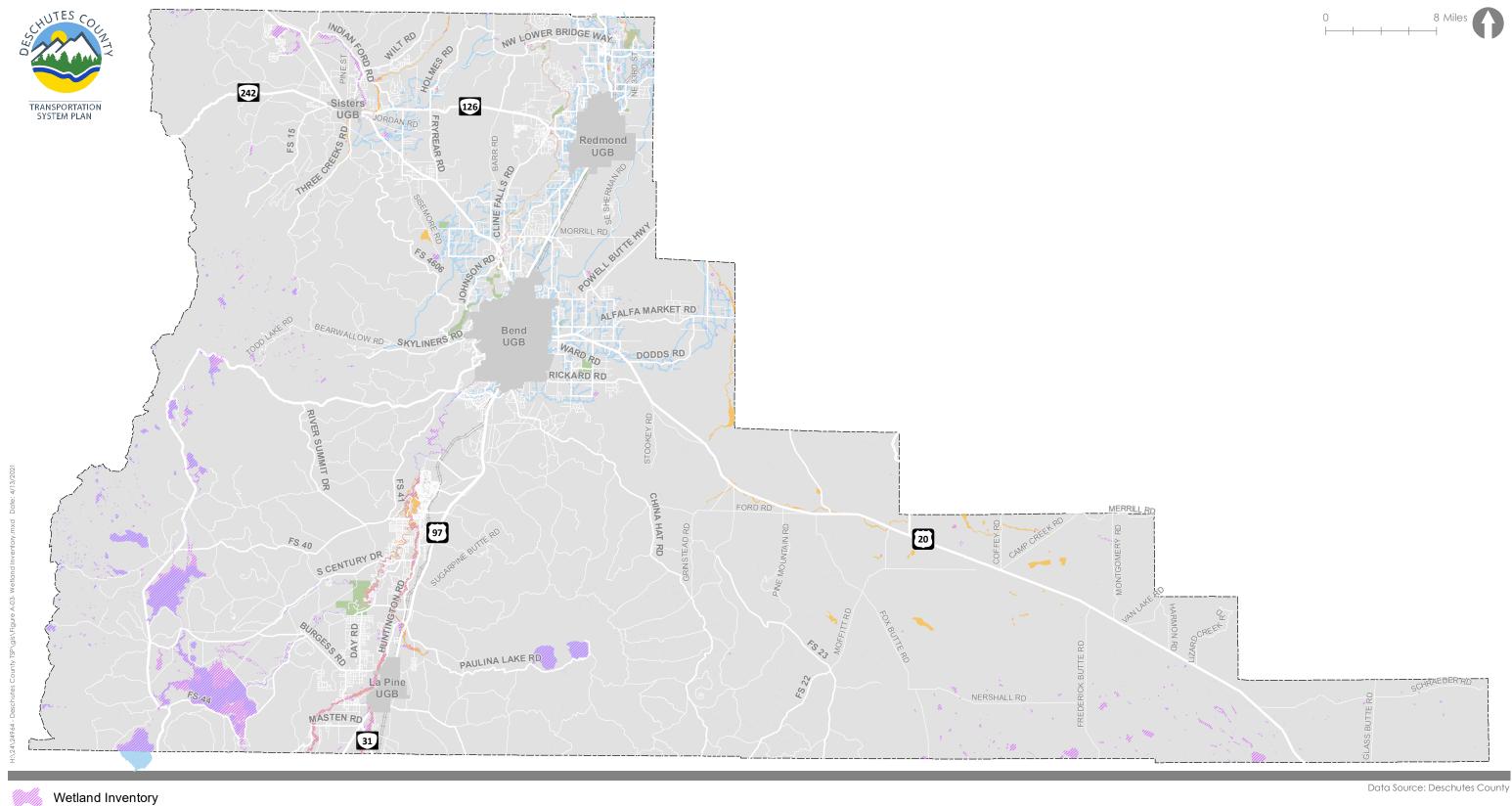
Appendix C: Pedestrian and Bicycle-Involved Crashes Reported on County Roads

Appendix D: Bridge Inventory

# APPENDIX A





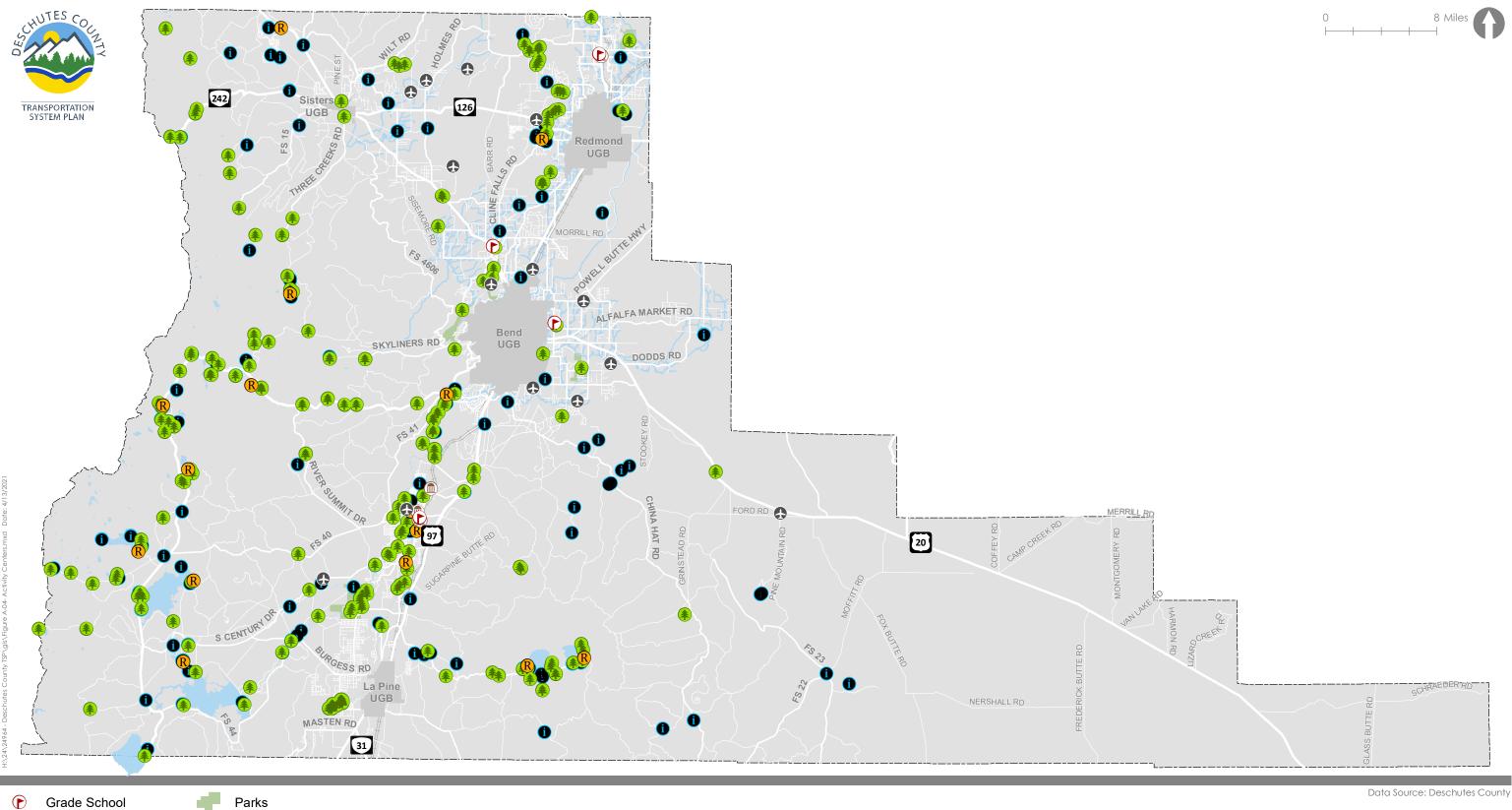


FEMA Floodplain

Water

Parks

Figure A-3



Water

Airport Park/Trail

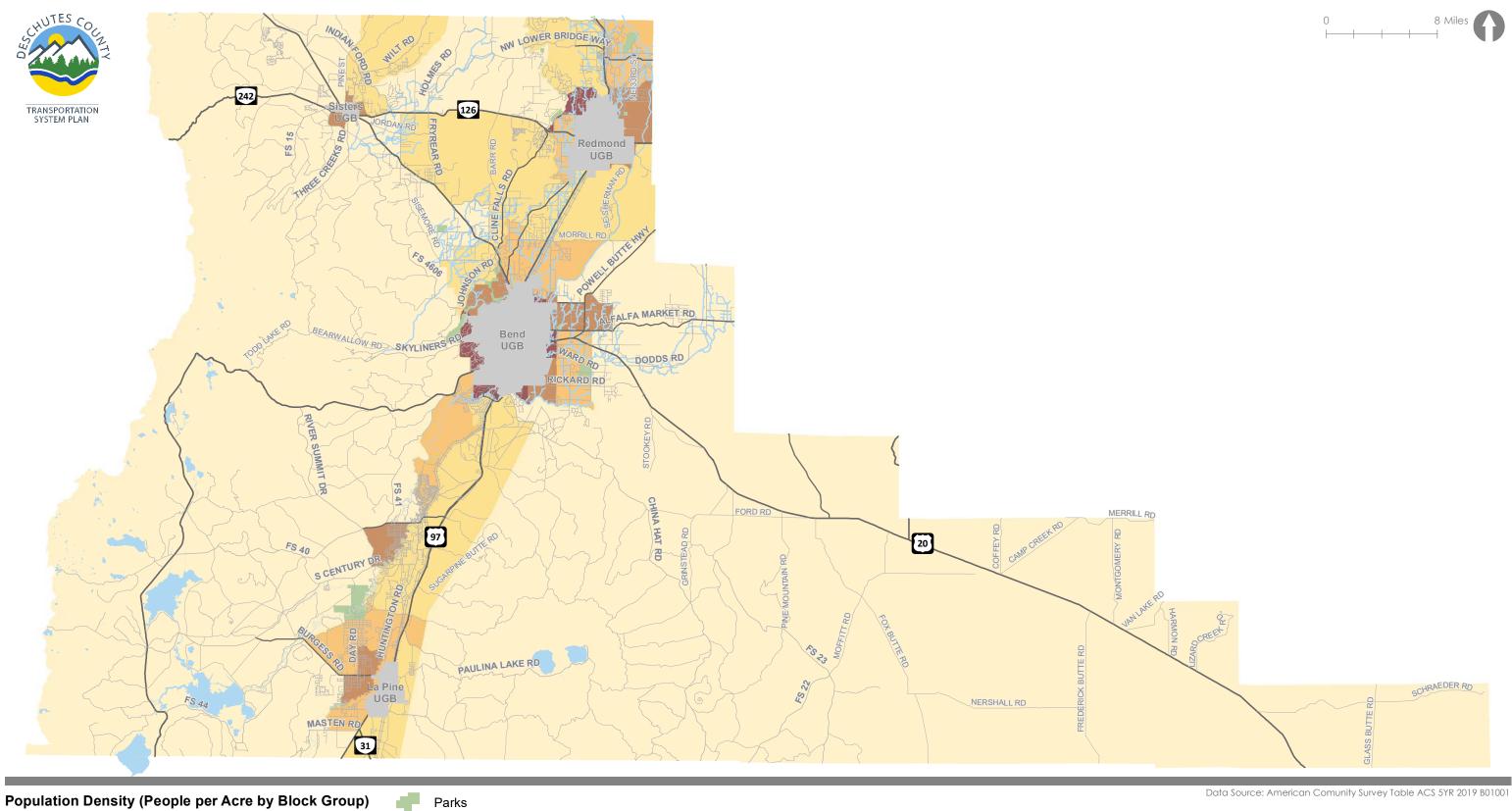
Resort

Point of Interest

Community Buildings

Figure A-4

Activity Centers Deschutes County, Oregon



Water

0.00 - 0.08

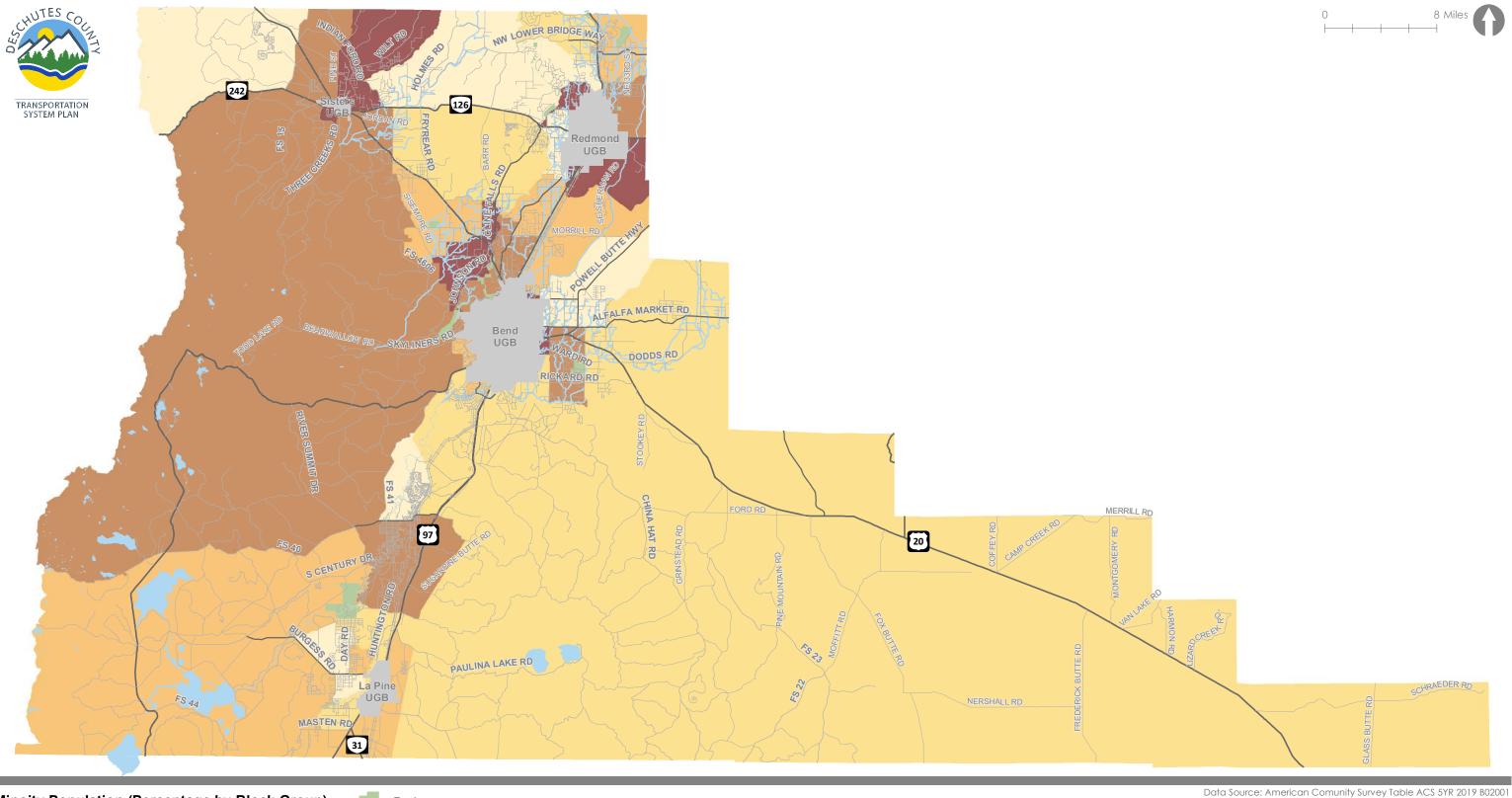
0.09 - 0.16

0.17 - 0.34

0.35 - 1.01

1.02 - 5.83

Figure A-5



Minoity Population (Percentage by Block Group)

Parks

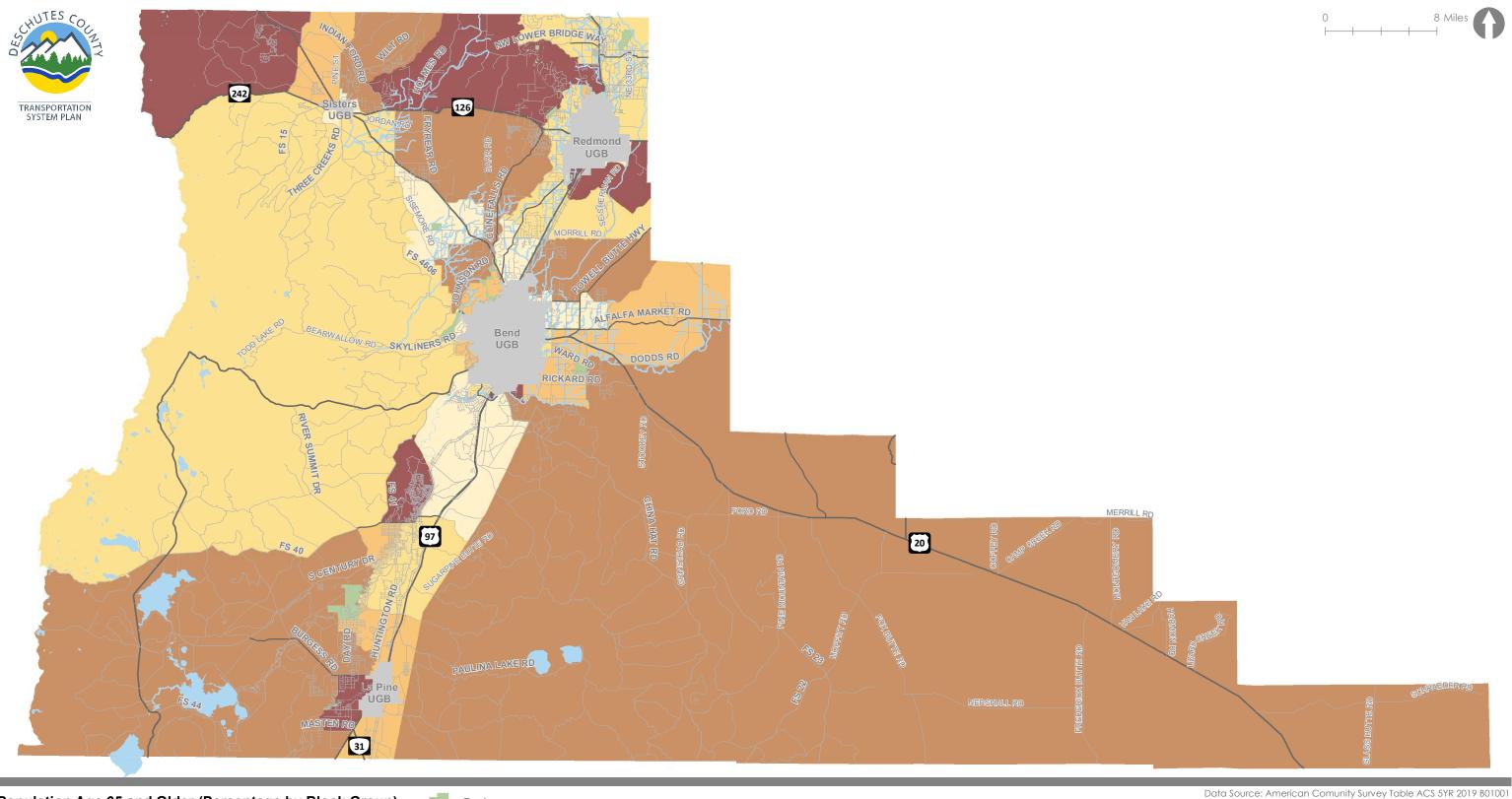


Figure A-6

Minority Population Deschutes County, Oregon

10.9% - 23.4%

0% - 1.7% 1.8% - 5.4%



Population Age 65 and Older (Percentage by Block Group)

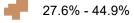
Parks

Water



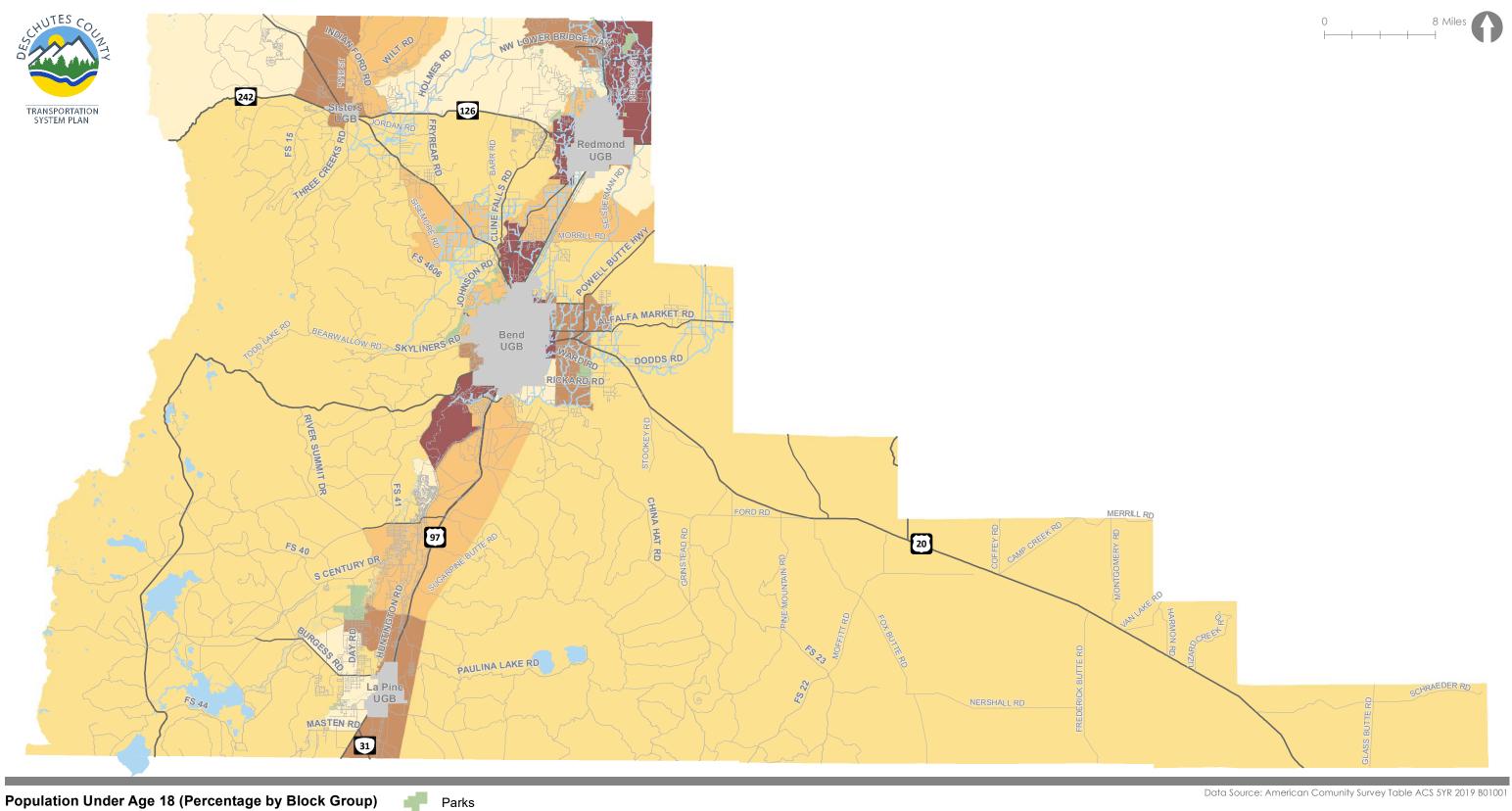
21.9% - 27.5%

8.6% - 17%



45% - 82%

Figure A-7



0% - 10.6%

Water

15.3% - 20.5%

10.7% - 15.2%



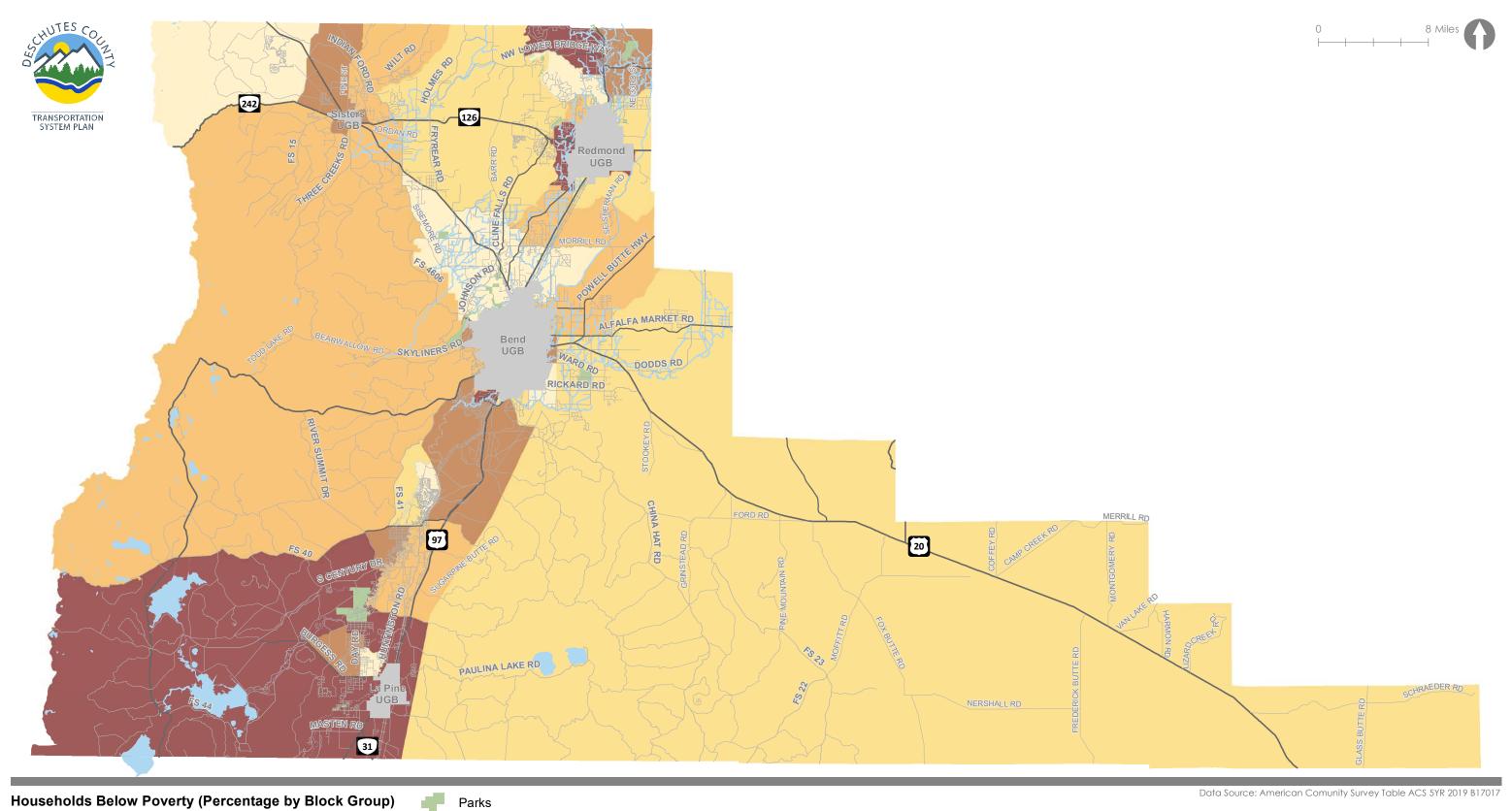
20.6% - 23.1%



23.2% - 32.8%

Figure A-8

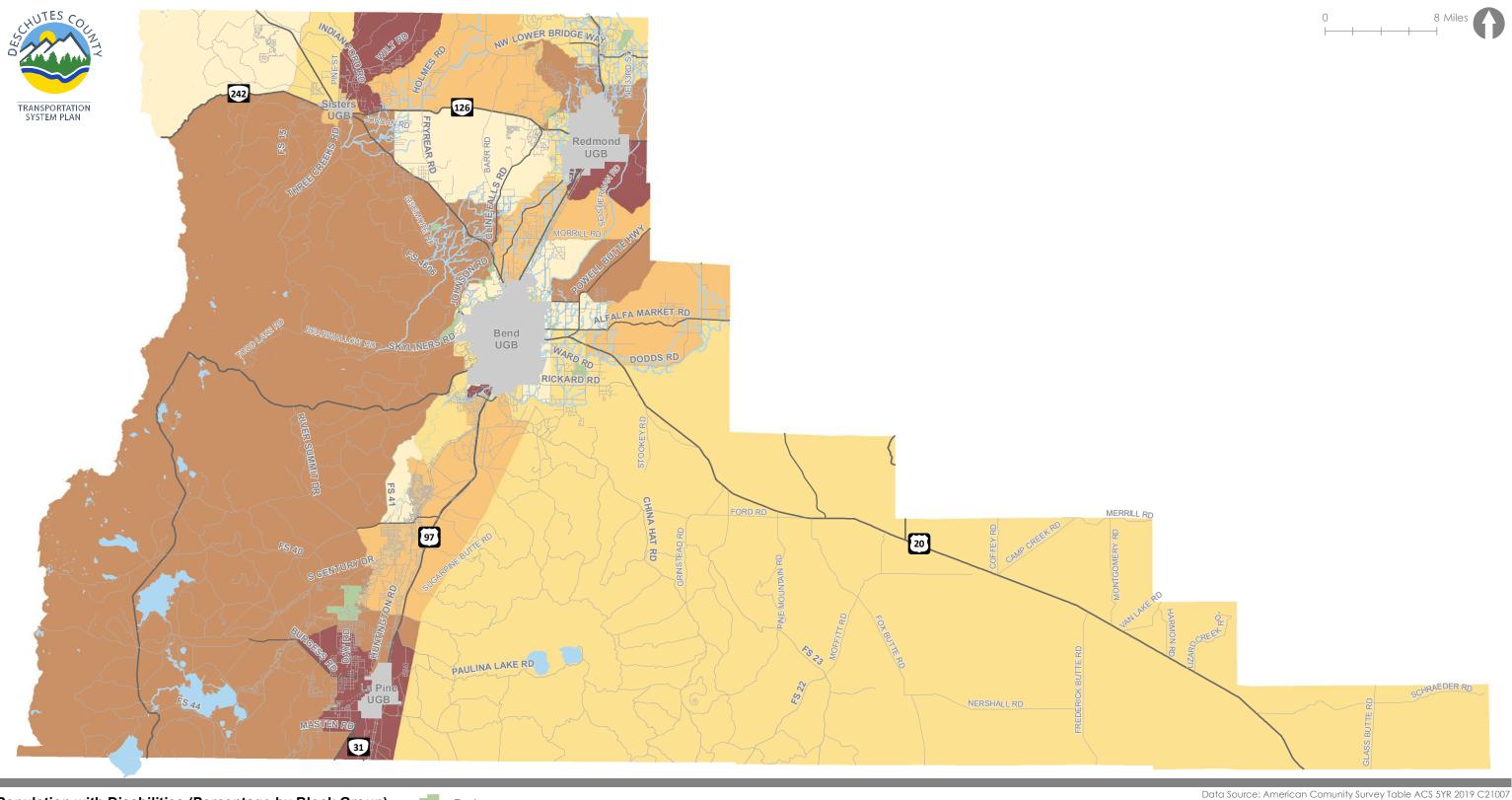
Youth Population Deschutes County, Oregon

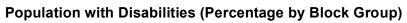


20%

Water

Figure A-9







Parks

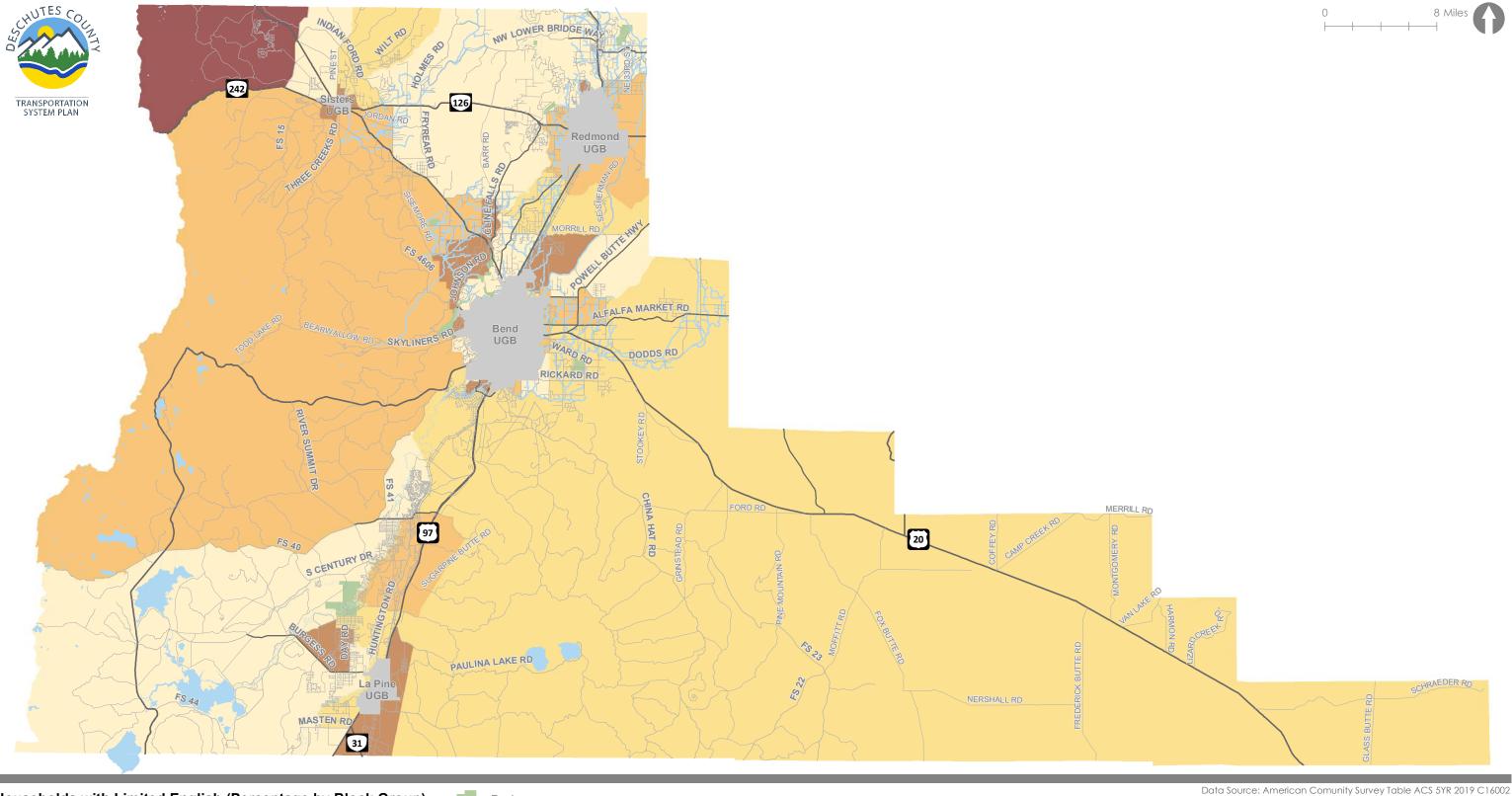


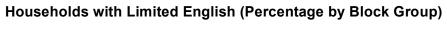


0% - 10.4%

Figure A-10

Population with Disabilities Deschutes County, Oregon





Parks



Water

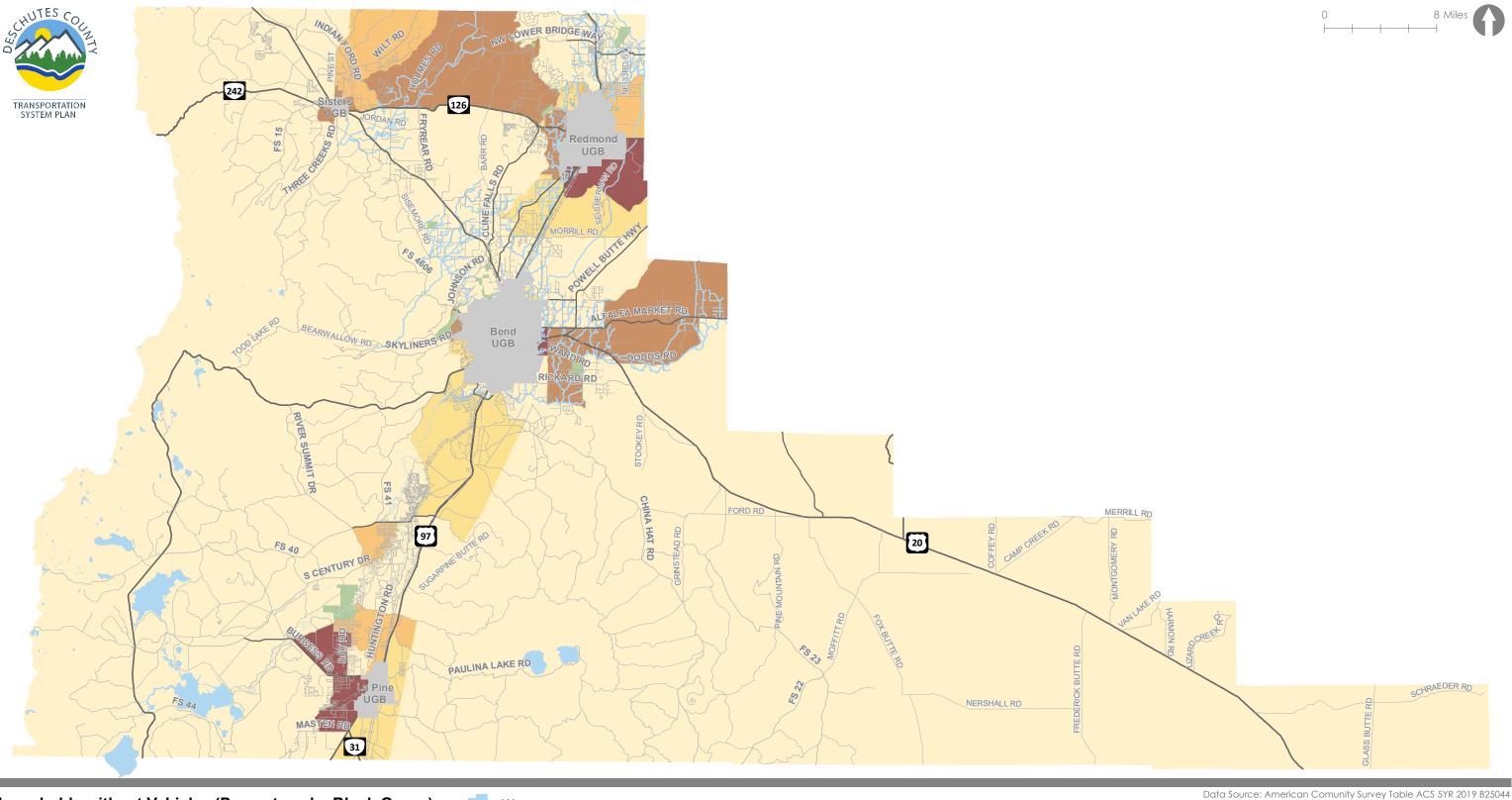
3.5% - 6.2%

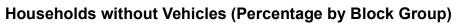
0% - 0.9% 1% - 3.4%

6.3% - 11.5%

11.6% - 52.7%

Figure A-11







Water



Parks

0.1% - 1.2%

Figure A-12

Households without Vehicles Deschutes County, Oregon

# APPENDIX B





## DRAFT METHODOLOGY MEMORANDUM

Date: Thursday, March 11, 2021

To: Chris Doty, Peter Russell, and Cody Smith, Deschutes County

From: Matt Kittelson, Julia Kuhn, and Carrie Theus

**Project:** Deschutes County TSP Update

**Subject:** Methodology Memorandum

This memorandum documents the methodology and key assumptions to be used in preparation of the existing and future conditions and alternatives analyses for the Deschutes County Transportation System Plan (TSP) Update. The methodologies included in this memorandum are based on guidance provided in the Oregon Department of Transportation (ODOT) *Transportation System Plan Guidelines* and the *Analysis Procedures Manual* (APM). The methodology and assumptions described in this memorandum will be used to help identify potential gaps and deficiencies in the transportation system related to:

- Future capacity needs along key roadways within the County;
- Roadway connectivity needs for people driving, emergency services, access to tourism, and the transport of goods and services;
- Traffic safety needs along key County facilities; and,
- Facilities and performance of the bicycle and pedestrian network.

This information will serve as a baseline for identifying a list of existing needs (gaps and deficiencies), identifying and evaluating potential solutions (projects, programs, policies, pilot projects, and studies), and developing a prioritized list of improvements for the TSP update.

The remainder of this memorandum summarizes the following:

- Location of the roadway segments where safety and capacity analyses will be conducted;
- Methodology for developing vehicular analyses volumes for existing and future conditions;
- Methodology for identifying roadway segments that are nearing and/or exceeding capacity;
- Crash analyses procedures; and,
- Pedestrian and bicycle analyses parameters.

## Study Area

The TSP update will address the transportation system needs associated with County-operated facilities in areas that are outside the Bend, Redmond, Sisters, and La Pine Urban Growth Boundaries (UGBs).

Transportation facilities that are operated and maintained by ODOT, the Forest Service, Bureau of Land Management, and the four cities are not addressed.

Figure 1 reflects the roadway segments where capacity analysis will be reviewed as part of the TSP. The County has collected daily traffic counts at many of these locations each year, beginning in 2011 through 2019. To the extent possible, the 2019 counts will be used to develop year "2020 proxy volumes" to reflect existing conditions.

## **Traffic Capacity Review**

For the purposes of performing a screening level review of both potential roadway capacity as well as connectivity needs along county roadways, we propose to apply the "Simplified Highway Capacity Method for the Highway Performance System" that was developed for use by the Federal Highway Administration.<sup>1</sup> The rural two-lane highway methodology within this report can be used as one of several helpful tools that can be used to help assess the future needs of the County's roadway system. For reference purposes, the methodology draws from the applicable roadway characteristics to assess a level of service, including:

- Daily roadway volumes;
- Posted speed;
- Generalized terrain information; and,
- Percentage of trucks.

However, for non-mountainous roadways, the methodology does not reflect any measurable differences in expected level of service for terrain and truck percentages. As an example, level-of-service "D" corresponds to the following:

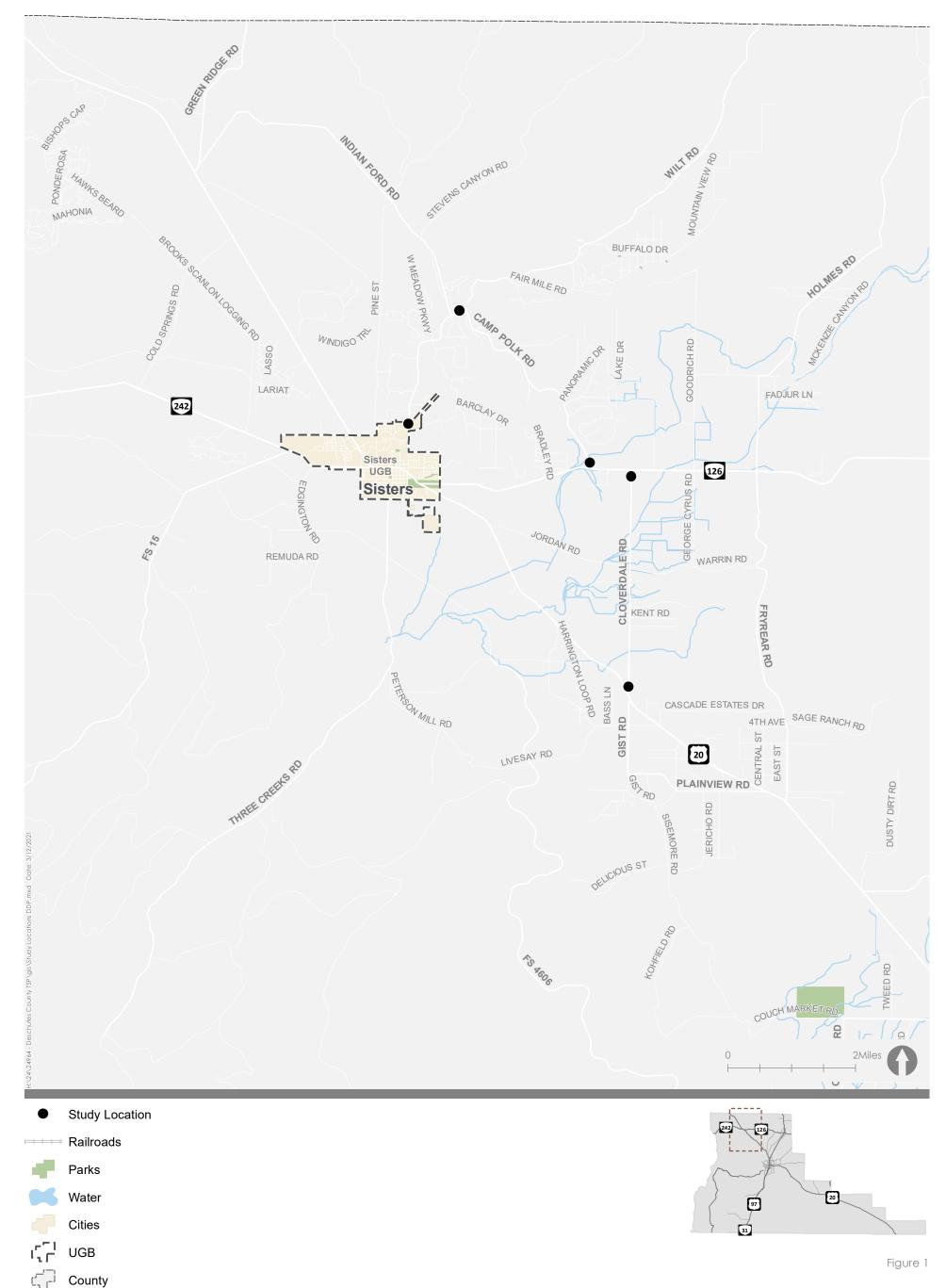
- Posted Speed of 45 miles per hour daily volumes of less than 13,900 vehicles
- Posted Speed of 50 miles per hour daily volumes of less than 19,000 vehicles
- Posted Speed of 55 miles per hour daily volumes of less than 24,000 vehicles

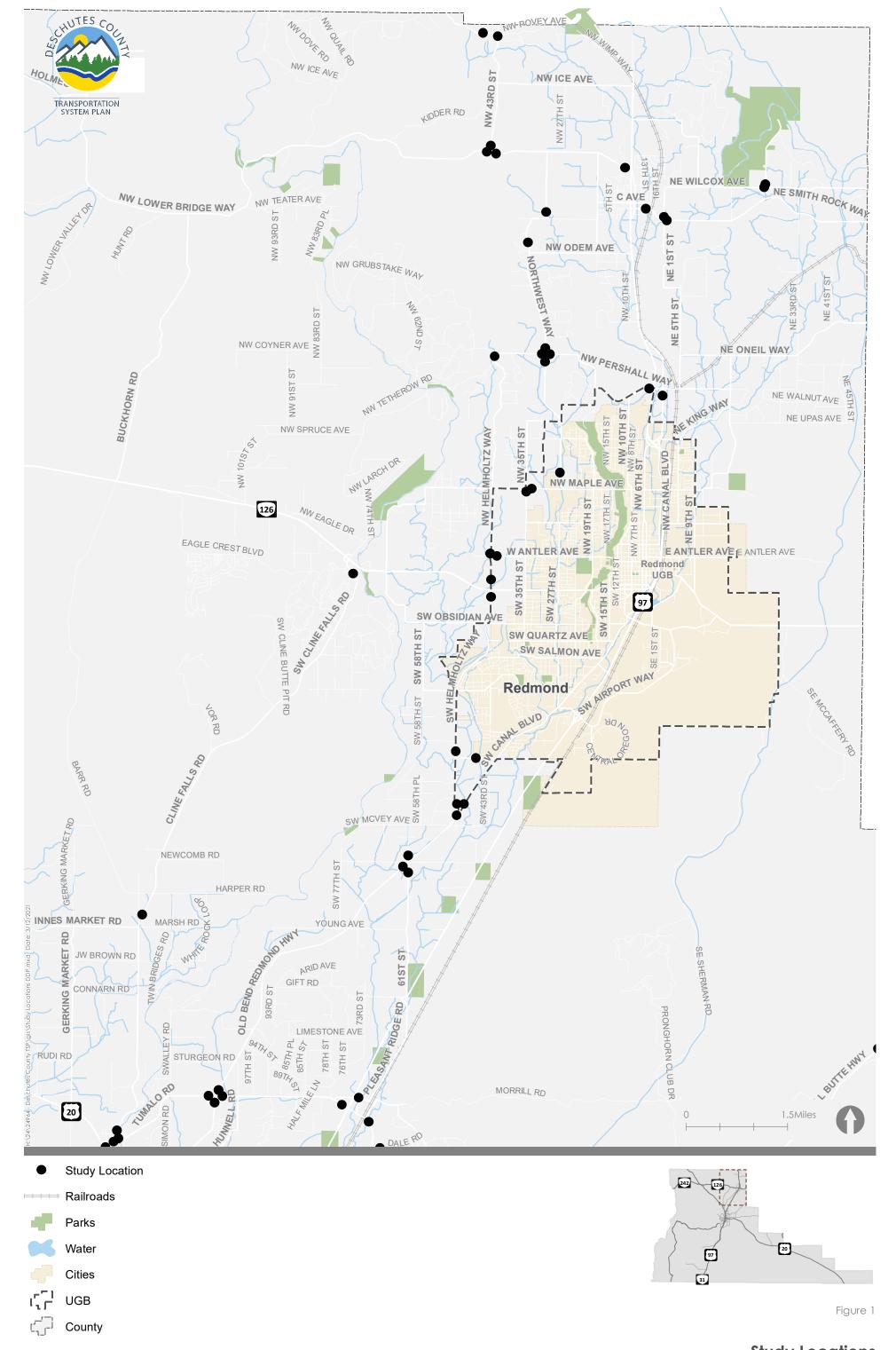
We will use the level-of-service "D" as the metric for which to identify potential changes to the roadway system. This metric can be matched with an assessment of various roadways versus the TSP goals and identified roadway connectivity and/or specific roadway projects needed to support continued economic development, emergency services, freight needs, resiliency efforts, etc.

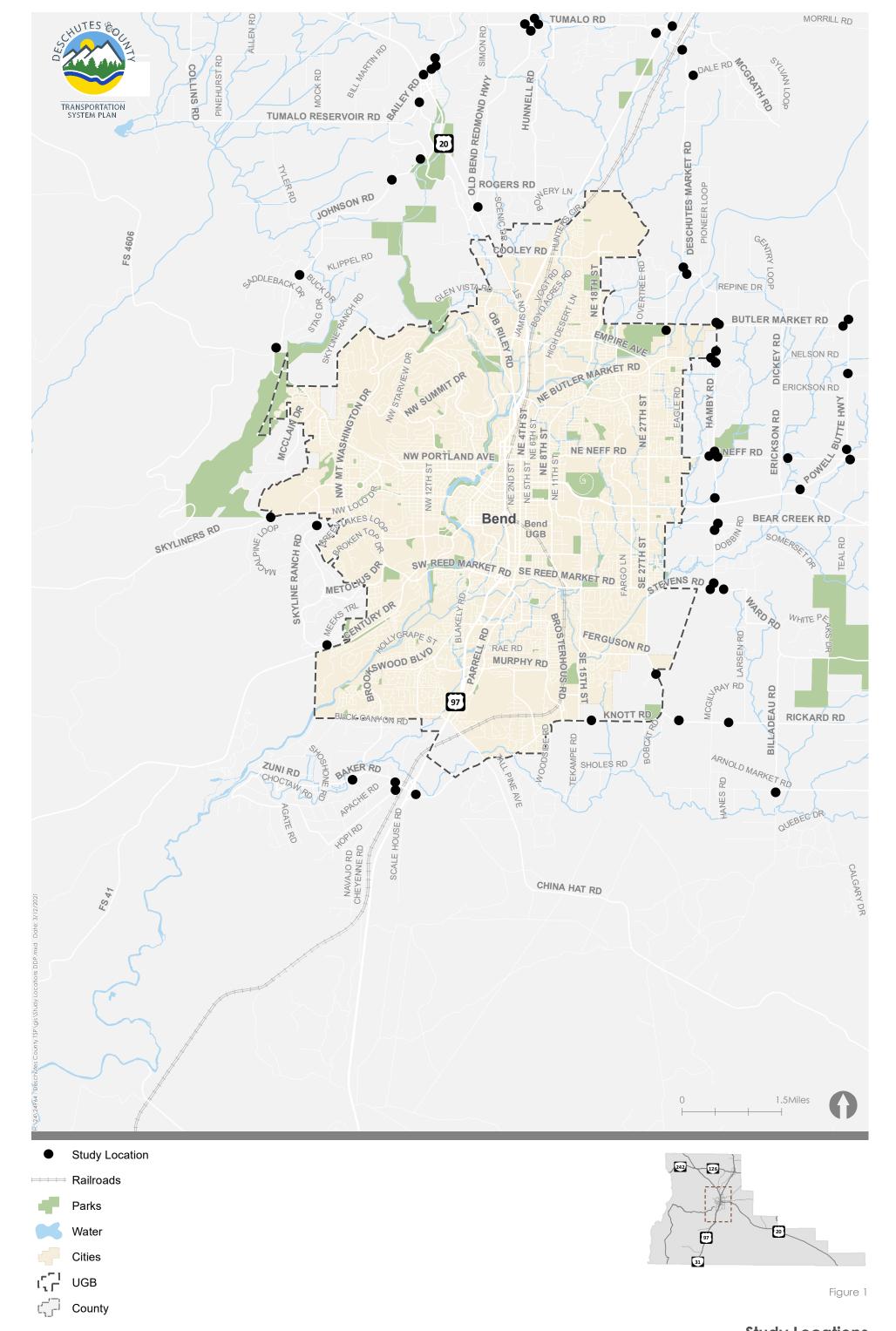
1

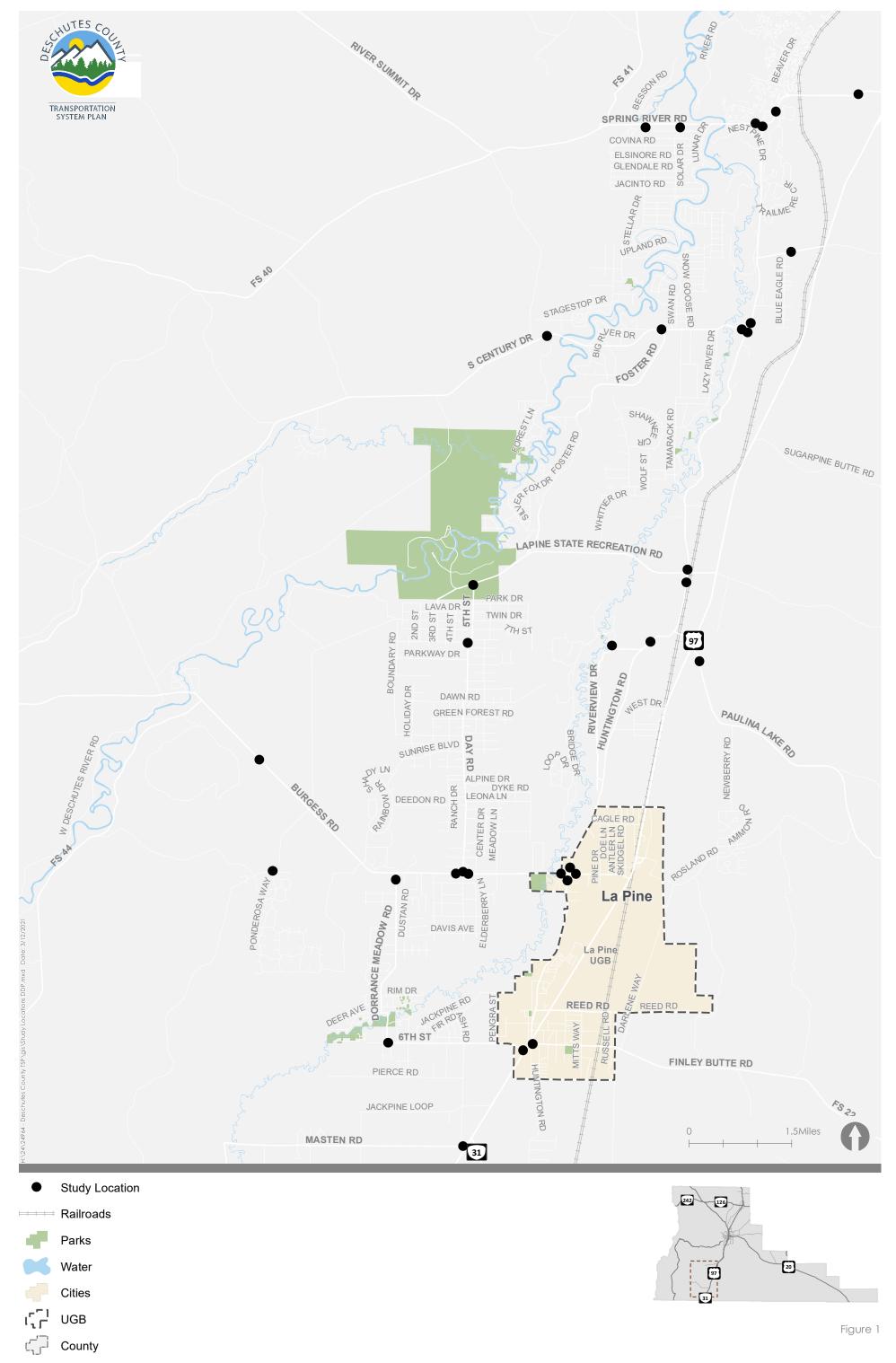
https://www.fhwa.dot.gov/policyinformation/pubs/pl18003/hpms\_cap.pdf











#### Existing Year Traffic Volumes

With the ongoing COVID pandemic and its effect on "typical" traffic patterns, we propose to apply a two-percent growth factor to the 2019 traffic volumes on most County roadways to approximate 2020 daily volumes. We will coordinate with County staff to identify any specific facilities where a higher growth may be appropriate relative to 2019 counts. Further, given the planning-level screening analyses that we propose to use, we are not intending to apply any seasonal adjustment factors to daily traffic volumes along County roadways.

#### Forecast Year Traffic Volume Development

The 2012 County TSP relied on travel forecasts from the travel demand model developed by ODOT's Transportation Planning Analysis Unit (TPAU). This model has not been updated with current land use information for existing conditions or future analysis years so we instead reviewed ODOT's future highway volume table for potential growth rates to apply to the "existing" volumes to approximate year 2040 conditions. This review revealed that a two percent per year (linear, non-compounded) rate could be used to reflect future growth along County roadways. This review was based on several locations along the state highway system within Deschutes County, such as:

- US 97 at the Jefferson County/Deschutes County line 1.9 percent per year;
- US 97 north of 1<sup>st</sup> Street in La Pine 1.8 percent per year;
- Powell Butte Highway west of Deschutes County/Crook County line 3.2 percent per year;
- McKenzie Highway west of Sisters 1.6 percent per year;
- o McKenzie-Bend Highway near Cline Falls Highway 2.1 percent per year; and,
- Santiam Highway west of Sisters 0.4 percent per year.

Unless otherwise identified by the County at specific roadway segments, we will apply a linear two-percent per year growth rate for screening purposes.

## **Crash Analyses**

The County completed its Transportation Safety Action Plan (TSAP) for the areas outside the City UGBs in 2019. As part of the TSAP, all roads within unincorporated areas of the county were screened for the need for near-term or longer-term safety-oriented changes. Through that work, high priority improvement needs as well as systemic investment strategies were identified. Long-term concepts which may require further refinement are also identified.

As part of the TSP, we propose to include key outcomes of the TSAP, including both the near-term and longer-term projects identified. We do not propose any additional quantitative review of crash history and/or crash countermeasures. We do, however, propose to evaluate the potential for incorporation of the safety-oriented projects into projects being considered to address other TSP goals. Locations where such analysis would be useful will be identified through the existing and future conditions analysis.

# Analysis of Bicycling, Walking and Transit Options

The analysis of facilities for people walking, riding bikes and/or taking transit is anticipated to focus on the following:

- Using available GIS data, field observations and online mapping, qualitatively identify key gaps within the bicycle system connecting unincorporated areas of the County with the City's UGBs as well as key recreational areas.
- Within the Terrebonne, Deschutes River Woods, and Tumalo communities, qualitatively identify key gaps within the sidewalk and/or trail system, particularly related to connecting residents with school bus stops.
- Incorporate the Central Eastside Transit (CET) Master Plan recommendations.

# Incorporation of Other Plans

We plan to incorporate by reference a number of ongoing and/or recently adopted plans into the TSP update for the County. Examples of these plans include, but are not limited to:

- Redmond TSP;
- Bend TSP;
- Sisters TSP;
- La Pine TSP;
- Deschutes County Transportation Safety Action Plan;
- Redmond and Bend Airport Master Plans;
- Applicable elements of local refinement plans, corridor plans, etc.;
- Interchange Area Management Plans (e.g., Baker Road, Lower Bridge Way), etc.

## **Next Steps**

We look forward to collaborating with you on the next steps and receiving your feedback on the methodology and key assumptions outlined in this memorandum.

# APPENDIX C

# APPENDIX D

OBJECTID BRIDGE_II		CARRIES	CROSSES	LENGTH_FT W			MAIN_SPANS	APPR_SPANS	DESIGN	MATERIAL	OWNER	NBI_BRIDGE		SUF_RATING MOVABLE_B
3 01135A 4 01421A	Arnold Ditch, Hwy 4 Central Oregon Canal, Hwy 7	US 97 (HWY 004) US 20 (HWY 007)	ARNOLD DITCH CENTRAL OREGON CANAL	19 54	120.5 t			0 N	01 Slab 01 Slab	5 Prestressed Concrete 5 Prestressed Concrete	State Highway Agency State Highway Agency	N	5 At/Above Legal Loads 5 At/Above Legal Loads	96.7 N 94.8 N
5 01671A	Irrigation Ditch, Hwy 4 at MP 128.37	US 97 (HWY 004)	IRRIGATION DITCH	7	0 4			0	19 Culvert	1 Concrete	State Highway Agency	N N	5 At/Above Legal Loads	94.6 N 85 N
6 01672A	Irrigation Ditch, Hwy 4 at MP 128.84	US 97 (HWY 004)	IRRIGATION DITCH	7	0 4	4 1		0	19 Culvert	1 Concrete	State Highway Agency	N	5 At/Above Legal Loads	85 N
7 01673A	Irrigation Ditch, Hwy 4 at MP 129.05	US 97 (HWY 004)	IRRIGATION DITCH	6	0 4			0	19 Culvert	1 Concrete		N	5 At/Above Legal Loads	85 N
8 01674B 9 01676A	Irrigation Ditch, Hwy 4 at MP 129.43 Swalley Canal, Hwy 4 at MP 132.16	US 97 (HWY 004) US 97 (HWY 004)	IRRIGATION DITCH SWALLEY CANAL	6 13	0 4 146 4			0 0	19 Culvert 01 Slab	1 Concrete 1 Concrete	State Highway Agency State Highway Agency	N N	5 At/Above Legal Loads 5 At/Above Legal Loads	85 N 54.5 N
10 02769	Ochoco North Main Canal, Hwy 41	OR 126 (HWY 041)	OCHOCO N MAIN CANAL	48	32 2			0	02 Stringer/Girder	2 Concrete Continuous	State Highway Agency	Y	5 At/Above Legal Loads	56.5 N
11 03296B	Lateral F COI Canal, Hwy 4 at MP 118.02	US 97 (HWY 004) SB	LATERAL F CANAL	13	0 4				19 Culvert	3 Steel	State Highway Agency	N	5 At/Above Legal Loads	73.4 N
12 03367A 13 03372A	Paulina Creek, Hwy 4 Trout Creek, Hwy 15	US 97 (HWY 004) OR 242 (HWY 015)	PAULINA CREEK TROUT CREEK	6 23	93 1 36 9 1			0	19 Culvert 22 Channel Beam	3 Steel 1 Concrete	State Highway Agency	N Y	5 At/Above Legal Loads 5 At/Above Legal Loads	26 N 93 N
14 03373A	Deschutes River, Hwy 15	OR 242 (HWY 015)	DESCHUTES RIVER	23 344	34.5			0	02 Stringer/Girder	2 Concrete Continuous	State Highway Agency State Highway Agency	Y	5 At/Above Legal Loads	36.3 N
15 03374	Indian Ford Creek, Hwy 16	US 20 (HWY 016)	INDIAN FORD CREEK	10	0 :			0	19 Culvert	1 Concrete	State Highway Agency	N	5 At/Above Legal Loads	77.8 N
16 03378	Deschutes River, O B Riley Rd	O.B. RILEY ROAD	DESCHUTES RIVER	151	40 2		3	0	01 Slab	2 Concrete Continuous	County Highway Agency	Y	5 At/Above Legal Loads	90.7 N
17 03379 18 03380	Pilot Butte Canal, Hwy 370 Irrigation Ditch, Hwy 370 at MP 2.47	HWY 370 HWY 370	PILOT BUTTE CANAL IRRIGATION DITCH	20 18	32.2 1 37.2 1			0	01 Slab 01 Slab	5 Prestressed Concrete 5 Prestressed Concrete	State Highway Agency State Highway Agency	Y N	5 At/Above Legal Loads 5 At/Above Legal Loads	57.2 N 84.1 N
19 03383A	Deschutes River, Tumalo Market Rd	TUMALO MARKET RD	DESCHUTES RIVER	144	44 1				01 Slab	5 Prestressed Concrete	County Highway Agency	Y	5 At/Above Legal Loads	94.1 N
26 09643A	Deschutes R, Hwy 4 Access Lapine Rec Area (ParkBr)	ACC RD LAPINE REC	DESCHUTES RIVER	270	40.3			0	01 Slab	2 Concrete Continuous	State Park	Υ	5 At/Above Legal Loads	88.3 N
27 09643B 29 09818	Little Deschutes River, Lapine State Park Rd COI Main Canal, Gosnev Rd	LaPine Ste Rec Rd GOSNEY RD	LITTLE DESCHUTES RIVER COI MAIN CANAL	150 54	41 1 34 1			0 0	01 Slab 01 Slab	2 Concrete Continuous	County Highway Agency	Y	5 At/Above Legal Loads	95.6 N 95.5 N
30 09819	COI Main Canal, Ward Rd	WARD ROAD	COI MAIN CANAL	89	32 2		-	0	01 Slab	5 Prestressed Concrete 5 Prestressed Concrete	County Highway Agency County Highway Agency	Y	5 At/Above Legal Loads 5 At/Above Legal Loads	95.5 N 83.5 N
31 09C04A	Indian Ford Creek, Camp Polk Rd	CAMP POLK ROAD	INDIAN FORD CREEK	51	32 2	2 4		0	19 Culvert	2 Concrete Continuous	County Highway Agency	Y	5 At/Above Legal Loads	48.6 N
32 09C05A	Whychus Creek, Camp Polk Rd	CAMP POLK ROAD	WHYCHUS CREEK,CAMP POLK	49	32 2			0	01 Slab	5 Prestressed Concrete	County Highway Agency	Y	5 At/Above Legal Loads	93.5 N
33 09C125 34 09C36A	COI Main Canal, Alfalfa Market Rd Tumalo Creek. Shevlin Park Rd	ALFALFA MKT RD SHEVLIN PARK ROAD	COI MAIN CANAL TUMALO CREEK	26 51	32 1 40 1			0 0	02 Stringer/Girder 01 Slab	7 Wood or Timber 5 Prestressed Concrete	County Highway Agency County Highway Agency	Y	5 At/Above Legal Loads 5 At/Above Legal Loads	93 N 93.5 N
38 09C783	Deschutes River, Burgess Rd	BURGESS RD	DESCHUTES RIVER	64	31 2			0	02 Stringer/Girder	3 Steel	County Highway Agency	Y	5 At/Above Legal Loads	60.1 N
39 0P020	Cattlepass, Hwy 7 at MP 22.47	US 20 (HWY 007)	CATTLEPASS	7	0 2		1	-	19 Culvert	3 Steel		N	5 At/Above Legal Loads	38.8 N
40 0P021	Cattlepass, Hwy 7 at MP 25.05	US 20 (HWY 007)	CATTLEPASS	7	0 :			0	19 Culvert	3 Steel		N	5 At/Above Legal Loads	41 N
41 0P022 42 15450A	Cattlepass, Hwy 7 at MP 28.73 Deschutes River, Lower Bridge Rd	US 20 (HWY 007) LOWER BRIDGE RD	CATTLEPASS DESCHUTES RIVER	7 122	0 1 36 1			0	19 Culvert 04 Tee Beam	3 Steel 5 Prestressed Concrete	State Highway Agency County Highway Agency	N Y	5 At/Above Legal Loads 5 At/Above Legal Loads	41 N 90.8 N
43 15452	North Unit Canal, Smith Rock Rd	SMITH ROCK ROAD	NORTH UNIT CAN/SMITHROCK	66	33 2			-	02 Stringer/Girder	7 Wood or Timber	County Highway Agency	Ϋ́	3 10.0-19.9%below	76.9 N
45 15454A	Pilot Butte Canal, Deschutes Pleasant Ridge Rd	PLEASANT RIDGE	PILOT BUTTE CANAL	56	48 2				01 Slab	5 Prestressed Concrete	County Highway Agency	Υ	5 At/Above Legal Loads	91.9 N
46 16060 47 16061	Three Creeks Canal, Three Creeks Rd	THREE CREEKS ROAD S CENTURY DR	THREE CREEKS CANAL LITTLE DESCHUTES RIVER	41 100	36 2 44 2		2		01 Slab 01 Slab	5 Prestressed Concrete	County Highway Agency	Y	5 At/Above Legal Loads	87.4 N 90.2 N
48 16181	Little Deschutes River, South Century Dr South Century Dr over BNRR	S CENTURY DR	BURLINGTON N. R.R.	129	56 2				01 Slab	5 Prestressed Concrete 5 Prestressed Concrete	County Highway Agency County Highway Agency	Y	5 At/Above Legal Loads 5 At/Above Legal Loads	90.2 N 78.7 N
50 16479	Deschutes River, Twin Bridge Rd	TWIN BR RD	DESCHUTES RV/TWIN BR	104	32 2	2 2		0	01 Slab	5 Prestressed Concrete	County Highway Agency	Y	5 At/Above Legal Loads	86 N
51 16480	Deschutes River, Sheep Ln	MOUNTAIN SHEEP LN	DESCHUTES R. SHEEP LN	121	16			0	01 Slab	5 Prestressed Concrete	Other Local Agencies	Y	5 At/Above Legal Loads	65.1 N
52 16497 53 16519	Little Deschutes River, Masten Rd Robert D. Maxwell Veterans Memorial Bridge	MASTEN ROAD So. Century Dr.	LITTLE DESCHUTES RIVER Deschutes River	96 243	32 1 44.2 1		2	0 n	01 Slab 02 Stringer/Girder	5 Prestressed Concrete 5 Prestressed Concrete	County Highway Agency	Y	5 At/Above Legal Loads 5 At/Above Legal Loads	85.9 N 95.7 N
58 16604	COI Canal, Dodds Rd	DODDS ROAD	COLCANAL	41	32 1			0	01 Slab	5 Prestressed Concrete	County Highway Agency County Highway Agency	Y	5 At/Above Legal Loads	96 N
59 166840	Paulina Creek, Paulina Lake Rd	PAULINA LAKE RD	PAULINA CREEK	36	32 2			0	01 Slab	5 Prestressed Concrete	County Highway Agency	Υ	5 At/Above Legal Loads	81.5 N
60 166860	COI Main Canal, Walker Rd	WALKER ROAD	C O I MAIN C. WALKER	45	32 2			0	01 Slab	5 Prestressed Concrete 5 Prestressed Concrete	County Highway Agency State Highway Agency	Y	5 At/Above Legal Loads	96.9 N
61 16712 64 16933	HWY 004 SB OXING Cottonwood Rd Con at MP 151.30 Little Deschutes River, Bridge Dr	US 97 (HWY 004) SB BRIDGE DRIVE SRD4	COTTONWOOD RD LITTLE DESCHUTES RIVER	49 70	43.8 2 32 2			0 0	01 Slab 01 Slab	5 Prestressed Concrete 5 Prestressed Concrete	State Highway Agency County Highway Agency	Y	5 At/Above Legal Loads 5 At/Above Legal Loads	98.3 N 88.3 N
65 17202	Hwy 372 over Snow Trail	HWY 372	SNOW TRAIL	70	40 2			0	01 Slab	5 Prestressed Concrete	State Highway Agency	Ϋ́	5 At/Above Legal Loads	93.3 N
66 17223	sn_Hwy 372_WB_NS_MP21.38	None	HWY372	24	0 :				00 Other (NBI)	3 Steel	Other (NBI)		Unknown	-2 N
67 17224 68 17227	sn_Hwy 372_WB_SS_MP18.76 sn_Hwy 372_WB_NS_MP20.91	None None	HWY372 HWY372	24 24	0:			0	00 Other (NBI) 00 Other (NBI)	3 Steel 3 Steel	Other (NBI) Other (NBI)		Unknown Unknown	-2 N -2 N
69 17242	sn Hwy 372 EB SS MP19.39	None	HWY372	24	0 2			-	00 Other (NBI)	3 Steel	Other (NBI)		Unknown	-2 N
70 17243	sn_Hwy 372_EB_SS_MP18.88	None	HWY372	24	0 :	2 1		0	00 Other (NBI)	3 Steel	Other (NBI)		Unknown	-2 N
71 17251	Deschutes River, Hwy 17	US 20 (HWY 017)	DESCHUTES RIVER	165	54.7		3	-	02 Stringer/Girder	5 Prestressed Concrete	State Highway Agency	Y	5 At/Above Legal Loads	67.5 N
73 17281 87 17437	Baker Road over Hwy 4 Arnold Ditch, Hwy 4 Conn	BAKER ROAD US 97 (HWY 004) CO	US 97 (HWY 004) ARNOLD IRR CANAL	140 23	39.2 2 32.3			0	05 Multiple Box Beam 01 Slab	5 Prestressed Concrete 5 Prestressed Concrete	State Highway Agency State Highway Agency	Y	5 At/Above Legal Loads 5 At/Above Legal Loads	93.5 N 95.8 N
88 17923	Deschutes River, Spring River Rd	SPRING RIVER ROAD	DESCHUTES RIVER	180	44 2			0	01 Slab	6 P/S Conc Continuous	County Highway Agency	Ϋ́	5 At/Above Legal Loads	59.9 N
93 17C02	Couch Lateral, Sisemore Rd	Sisemore Road	COUCH LATERAL	105	16			0	11 Arch-Deck	2 Concrete Continuous	County Highway Agency	Υ	5 At/Above Legal Loads	49.2 N
96 17C06	COI Canal, Gift Rd	GIFT ROAD	GIFT RD/C O I CANAL	32	33 2			0 0	02 Stringer/Girder 01 Slab	7 Wood or Timber	County Highway Agency	Y	5 At/Above Legal Loads	89.3 N
97 17C07 98 17C09	Pilot Butte Irrigation Canal, Young Ave Pilot Butte Irrigation Canal, Quarry Ave	YOUNG AVE QUARRY AVE	PILOT BUTTE IRR CANAL PILOT BUTTE IRR CANAL	58 48	36 1 32 1			0	01 Slab	5 Prestressed Concrete 5 Prestressed Concrete	County Highway Agency County Highway Agency	Ý	5 At/Above Legal Loads 5 At/Above Legal Loads	85.9 N 97 N
99 17C10	Pilot Butte Main Canal, SW 61st St	SW 61ST STREET	PILOT BUTTE MAIN CANAL	30	32 2	2 1		0	01 Slab	5 Prestressed Concrete	County Highway Agency	Υ	5 At/Above Legal Loads	94.6 N
100 17C15A 101 17C18	Pilot Butte Canyon, 46th St	46TH ST-PHILLI NE WILCOX AVE	PILOT BUTTE CAN/46TH ST	33	32 1 34 1			0	02 Stringer/Girder 01 Slab	7 Wood or Timber	County Highway Agency	Y	5 At/Above Legal Loads	93.3 N
101 17C18 104 17C30	North Unit Canal, NE Wilcox Ave COI Canal, Gribbling Rd	GRIBBLING ROAD	NORTH UNIT CANAL COI CANAL	61 40	13			0 0	02 Stringer/Girder	5 Prestressed Concrete 3 Steel	County Highway Agency County Highway Agency	Y	5 At/Above Legal Loads 0 >39.9% below	88.4 N 22 N
105 17C32	North Unit Main Canal, Hamehook Rd	HAMEHOOK ROAD	NORTH UNIT MAIN CANAL	52	31 2			0	02 Stringer/Girder	7 Wood or Timber	County Highway Agency	Y	5 At/Above Legal Loads	73.9 N
106 17C34	Little Deschutes River, Dorrance Meadow Rd		LITTLE DESCHUTES RIVER	76	31 2		3	0	02 Stringer/Girder	1 Concrete	County Highway Agency	Y	5 At/Above Legal Loads	86.8 N
107 17C35 108 17C37	Arnold Irrigation Canal, Baker Rd Deschutes River, Twin Bridge Rd	BAKER ROAD TWIN BR RD	ARNOLD IRR. CANAL DESCHUTES RV	27.5 32	32 1 64 1		2	D N	01 Slab 19 Culvert	5 Prestressed Concrete 3 Steel	County Highway Agency County Highway Agency	Y	5 At/Above Legal Loads 5 At/Above Legal Loads	85.5 N 91.3 N
110 17C540	Small Boat Canal, Solar Dr	SOLAR DRIVE	SMALL BOAT CANAL	23	28 2			0	01 Slab	5 Prestressed Concrete	County Highway Agency	Y	5 At/Above Legal Loads	85.6 N
111 17C550	Cottonwood Rd over BNRR	COTTONWOOD	B N R R O-XING	140	40 2			0	01 Slab	5 Prestressed Concrete	County Highway Agency	Υ	5 At/Above Legal Loads	76 N
113 17C570	Tumalo Res Feed Canal, Seismore Rd	SEISMORE ROAD	TUMALO RES FEED CANAL	34	18.5			0	02 Stringer/Girder 10 Truss-Thru	3 Steel	County Highway Agency	Y	5 At/Above Legal Loads	75.3 N 47.1 N
115 17M001 116 18001	North Unit Canal, Coyote Rd Fall River, Fall River Rd	COYOTE RD NG/BBRG1 FALL RIVER ROAD	FALL RIVER	61 41	14 ° 26 °			0 0	02 Stringer/Girder	3 Steel 7 Wood or Timber	Other State Agencies County Highway Agency	Y	5 At/Above Legal Loads 5 At/Above Legal Loads	47.1 N 76.9 N
121 18208	Deschutes Market Rd over Hwy 4	DESCHUTE MKT INTCH		140	39.2			0	05 Multiple Box Beam	5 Prestressed Concrete	State Highway Agency	Ÿ	5 At/Above Legal Loads	81.8 N
122 18283	Cline Falls Rd over Hwy 15	CLINE FALLS HWY	OR 126 (HWY 015)	120	31.2			0	02 Stringer/Girder	5 Prestressed Concrete	State Highway Agency	Υ	5 At/Above Legal Loads	61 N
123 18299 125 18493	Pilot Butte Canal, Tumalo Rd 97 Overpass Deschutes Market Rd over Pumice Rd	TUMALO ROAD Deschutes Market	PILOT BUTTE CANAL PUMICE ROAD	56 100	48 2 49.2 3			0 0	01 Slab 05 Multiple Box Beam	5 Prestressed Concrete 5 Prestressed Concrete	County Highway Agency	Y	5 At/Above Legal Loads	100 N 99 N
126 18494	Deschutes Market Rd over BNRR	Deschutes Market	BNRR	176.6	49.2		3			5 Prestressed Concrete	County Highway Agency County Highway Agency	Y	5 At/Above Legal Loads 5 At/Above Legal Loads	99 N
145 19962	Hwy 4 over BNSF (Terrebonne)	US 97 HWY 004	BNSF	200	40 2	2 1		0		5 Prestressed Concrete	State Highway Agency	Υ	5 At/Above Legal Loads	83 N
147 20206	South Century Bridge (NB)	US 97 (HWY 004) NB	S. CENTURY DR.	86	48 2			0		5 Prestressed Concrete	State Highway Agency	Υ	5 At/Above Legal Loads	95 N
148 20207 149 20334	SOUTH CENTURY BRIDGE (SB) COI Canal-Lateral F, NW Galloway Ave	US 97 (HWY 004) SB NW GALLOWAY AVE	S. CENTURY DRIVE COI CANAL-LATERAL F	86 27	48 1 32 1		,	0	05 Multiple Box Beam 02 Stringer/Girder	5 Prestressed Concrete 7 Wood or Timber	State Highway Agency County Highway Agency	Y	5 At/Above Legal Loads 5 At/Above Legal Loads	100 N 90 N
157 20552	HWY 004 NB OXING Cottonwood Rd Con. at MP 151.30	US 97 (HWY 004) NB	COTTONWOOD RD	65	44 1		-	0	01 Slab	5 Prestressed Concrete	State Highway Agency	Y	5 At/Above Legal Loads	100 N
162 20783	OREGON WATER WONDERLAND, WOOD DUCK COURT	WOOD DUCK COURT	OREGON WATER WONDERLAND	47	16.5	1 1		0	02 Stringer/Girder	3 Steel	Other Local Agencies	Υ	5 At/Above Legal Loads	49.6 N
163 21014	HWY 004 SB OXING (Wildlife Passage) at MP 152.00	US 97 (HWY 004)	Wildlife Passage	52	44 :			0	01 Slab	5 Prestressed Concrete	State Highway Agency	Y	5 At/Above Legal Loads	95.5 N
164 21015 165 21016	HWY 004 SB OXING Cottonwood Road at MP 149.55 HWY 004 NB OXING Cottonwood Road at MP 149.56	US 97 (HWY 004) US 97 (HWY 004)	Cottonwood Road Cottonwood Road	112 114	44 : 44 :			n N	05 Multiple Box Beam 01 Slab	5 Prestressed Concrete 5 Prestressed Concrete		Y	5 At/Above Legal Loads 5 At/Above Legal Loads	99.6 N 99.6 N
166 21017	HWY 004 NB OXING Cottonwood Road at MP 149.56 HWY 004 NB OXING (Wildlife Passage) at MP 152.00	US 97 (HWY 004)	Wildlife Passage	52	44 2			-	01 Slab	5 Prestressed Concrete	State Highway Agency	Y	5 At/Above Legal Loads	99.6 N
168 21702	Hwy 372, Multi-Use Trail	Hwy 372	Multi Use Trail	14.5	91 2	2 1		0	19 Culvert	3 Steel	State Highway Agency	N	5 At/Above Legal Loads	100 N
169 21706	Foot Bridge Crooked River at Smith Rock State Park	Foot Bridge US 97 (HWY 004)	Crooked River	106 9	5 1				02 Stringer/Girder	7 Wood or Timber	State Park	N	5 At/Above Legal Loads	-2 N
170 21825 174 22384	Pilot Butte Canal, Hwy 4 at MP 129.72 Deschutes River, Tetherow Rd	US 97 (HWY 004) TETHEROW ROAD	PILOT BUTTE CANAL DESCHUTES RIVER	9 68	29.7			0	19 Culvert 01 Slab	3 Steel 5 Prestressed Concrete	State Highway Agency County Highway Agency	N Y	5 At/Above Legal Loads 5 At/Above Legal Loads	11 N 81 N
176 22450	Haul Trail Undercrossing	HWY 372	Rimrock Trail	14	0 :	2 1		0	19 Culvert	1 Concrete		N N	5 At/Above Legal Loads	80 N
178 23100	Fall Cr_Cascade Lake Hwy_44.030112/121.738336	Cascade Lakes Hwy	FALL CREEK @SPARKS	65	36.5			0	01 Slab	5 Prestressed Concrete		Y	5 At/Above Legal Loads	97.7 N
184 23905 185 23906	Soda Cr_Cascade Lakes Hwy_44.02602/121.72564 cl_Goose Cr_Cascade Lakes Hwy_44.03275/121.742569	Cascade Lakes Hwy Cascade Lakes Hwy	Soda Creek Goose Creek	66 21.8	32 1 0 1			0	01 Slab 19 Culvert	5 Prestressed Concrete 5 Prestressed Concrete		Y	5 At/Above Legal Loads 5 At/Above Legal Loads	76.1 N 85.3 N
.00 20000	or on_ on on one of the control of the co	- account cance i my		21.0	0 ,			-			y inginiay ngonoy	•	Logai Loads	55.5 IV

OBJECTID BRIDGE_II		CARRIES	CROSSES	DETOUR_LEN			WEIGHT_RES APPR_TYPE		DECK_RD_WD YEAR		STRUC_TYP	DECK_SURF_TYP
3 01135A 4 01421A	Arnold Ditch, Hwy 4 Central Oregon Canal, Hwy 7	US 97 (HWY 004) US 20 (HWY 007)	ARNOLD DITCH CENTRAL OREGON CANAL			018-12-14 State Highway Agency 019-12-13 State Highway Agency	00 Not Applicable 00 Not Applicable			A Open, no restriction A Open, no restriction	9 Other 9 Other	6 Bituminous 6 Bituminous
5 01671A	Irrigation Ditch, Hwy 4 at MP 128.37	US 97 (HWY 004)	IRRIGATION DITCH	21		016-10-12 State Highway Agency	00 Not Applicable			A Open, no restriction	N N/A (NBI)	N N/A (no deck (NBI)
6 01672A	Irrigation Ditch, Hwy 4 at MP 128.84	US 97 (HWY 004)	IRRIGATION DITCH	21	20	016-10-12 State Highway Agency	00 Not Applicable	0 Not Applicable	78 1992		N N/A (NBI)	N N/A (no deck (NBI)
7 01673A	Irrigation Ditch, Hwy 4 at MP 129.05	US 97 (HWY 004)	IRRIGATION DITCH	21		016-10-12 State Highway Agency		0 Not Applicable		A Open, no restriction	N N/A (NBI)	N N/A (no deck (NBI)
8 01674B 9 01676A	Irrigation Ditch, Hwy 4 at MP 129.43 Swalley Canal, Hwy 4 at MP 132.16	US 97 (HWY 004) US 97 (HWY 004)	IRRIGATION DITCH SWALLEY CANAL	21 12		016-10-12 State Highway Agency 016-10-12 State Highway Agency	00 Not Applicable 00 Not Applicable	Not Applicable     Not Applicable	78 1992 78 1937	A Open, no restriction A Open, no restriction	N N/A (NBI) 1 Concrete-Cast-in-Place	N N/A (no deck (NBI) 6 Bituminous
10 02769	Ochoco North Main Canal, Hwy 41	OR 126 (HWY 041)	OCHOCO N MAIN CANAL	2.7		018-12-12 State Highway Agency	00 Not Applicable		30 1945	A Open, no restriction	1 Concrete-Cast-in-Place	6 Bituminous
11 03296B	Lateral F COI Canal, Hwy 4 at MP 118.02	US 97 (HWY 004) SB	LATERAL F CANAL	7	20	020-01-23 State Highway Agency	00 Not Applicable	0 Not Applicable	0 1991	A Open, no restriction	N N/A (NBI)	N N/A (no deck (NBI)
12 03367A	Paulina Creek, Hwy 4	US 97 (HWY 004)	PAULINA CREEK	13		018-04-30 State Highway Agency	00 Not Applicable		0 1953	A Open, no restriction	N N/A (NBI)	N N/A (no deck (NBI)
13 03372A 14 03373A	Trout Creek, Hwy 15 Deschutes River, Hwy 15	OR 242 (HWY 015) OR 126 (HWY 015)	TROUT CREEK DESCHUTES RIVER	14 13.15		019-09-27 State Highway Agency 018-06-05 State Highway Agency	00 Not Applicable 00 Not Applicable		33 1981 30 1957	A Open, no restriction A Open, no restriction	1 Concrete-Cast-in-Place 1 Concrete-Cast-in-Place	6 Bituminous 6 Bituminous
15 03374	Indian Ford Creek, Hwy 16	US 20 (HWY 016)	INDIAN FORD CREEK	0		016-05-18 State Highway Agency	00 Not Applicable		38.4 1930	A Open, no restriction	1 Concrete-Cast-in-Place	6 Bituminous
16 03378	Deschutes River, O B Riley Rd	O.B. RILEY ROAD	DESCHUTES RIVER	3		018-03-26 County Hwy Agency	00 Not Applicable		32 1971	A Open, no restriction	2 Concrete Precast Panel	6 Bituminous
17 03379 18 03380	Pilot Butte Canal, Hwy 370 Irrigation Ditch, Hwy 370 at MP 2.47	HWY 370 HWY 370	PILOT BUTTE CANAL IRRIGATION DITCH	3.3		019-03-22 State Highway Agency 019-03-22 State Highway Agency	00 Not Applicable 00 Not Applicable		27.5 1961 32.5 1964	A Open, no restriction A Open, no restriction	9 Other 1 Concrete-Cast-in-Place	6 Bituminous 6 Bituminous
19 03383A	Deschutes River. Tumalo Market Rd	TUMALO MARKET RD	DESCHUTES RIVER	2.99		119-03-22 State Highway Agency 119-02-26 County Hwy Agency	00 Not Applicable		32.5 1964	A Open, no restriction	9 Other	6 Bituminous
26 09643A	Deschutes R, Hwy 4 Access Lapine Rec Area (ParkBr)	ACC RD LAPINE REC	DESCHUTES RIVER			019-02-07 11 State Pk/Frst/Reserve	00 Not Applicable		32 1968	A Open, no restriction	1 Concrete-Cast-in-Place	1 Monolithic Concret
27 09643B	Little Deschutes River, Lapine State Park Rd	LaPine Ste Rec Rd	LITTLE DESCHUTES RIVER	9.33		018-03-29 County Hwy Agency	00 Not Applicable		32.5 1968	A Open, no restriction	1 Concrete-Cast-in-Place	6 Bituminous
29 09818 30 09819	COI Main Canal, Gosney Rd COI Main Canal, Ward Rd	GOSNEY RD WARD ROAD	COI MAIN CANAL COI MAIN CANAL	5.56 2.19		018-03-27 County Hwy Agency 018-03-27 County Hwy Agency	00 Not Applicable 00 Not Applicable		32 1968 31.5 1968	A Open, no restriction A Open, no restriction	9 Other 9 Other	6 Bituminous 6 Bituminous
31 09C04A	Indian Ford Creek, Camp Polk Rd	CAMP POLK ROAD	INDIAN FORD CREEK	5.62		119-02-25 County Hwy Agency	00 Not Applicable		31 1975	A Open, no restriction	N N/A (NBI)	6 Bituminous
32 09C05A	Whychus Creek, Camp Polk Rd	CAMP POLK ROAD	WHYCHUS CREEK, CAMP POLK	5.62		19-02-25 County Hwy Agency	00 Not Applicable	0 Not Applicable	31 1986	A Open, no restriction	9 Other	6 Bituminous
33 09C125	COI Main Canal, Alfalfa Market Rd	ALFALFA MKT RD	COI MAIN CANAL	6		019-02-26 County Hwy Agency	00 Not Applicable		31 1978	A Open, no restriction	8 Wood or Timber	6 Bituminous
34 09C36A 38 09C783	Tumalo Creek, Shevlin Park Rd Deschutes River, Burgess Rd	SHEVLIN PARK ROAD BURGESS RD	TUMALO CREEK DESCHUTES RIVER	14 32.97		018-03-26 County Hwy Agency 018-03-29 County Hwy Agency	00 Not Applicable 00 Not Applicable		38 1977 26 1963	A Open, no restriction A Open, no restriction	9 Other 1 Concrete-Cast-in-Place	6 Bituminous 1 Monolithic Concret
39 0P020	Cattlepass, Hwy 7 at MP 22.47	US 20 (HWY 007)	CATTLEPASS	6		016-03-21 State Highway Agency	00 Not Applicable		0 1954	A Open, no restriction	N N/A (NBI)	N N/A (no deck (NBI)
40 0P021	Cattlepass, Hwy 7 at MP 25.05	US 20 (HWY 007)	CATTLEPASS	0	20	016-03-21 State Highway Agency	00 Not Applicable	0 Not Applicable	0 1954	A Open, no restriction	N N/A (NBI)	N N/A (no deck (NBI)
41 0P022	Cattlepass, Hwy 7 at MP 28.73	US 20 (HWY 007)	CATTLEPASS DESCRIPTES DIVER	0 19		016-03-21 State Highway Agency	00 Not Applicable	Not Applicable     Not Applicable	0 1954	A Open, no restriction	N N/A (NBI)	N N/A (no deck (NBI)
42 15450A 43 15452	Deschutes River, Lower Bridge Rd North Unit Canal, Smith Rock Rd	LOWER BRIDGE RD SMITH ROCK ROAD	DESCHUTES RIVER NORTH UNIT CAN/SMITHROCK	19 0.56		019-02-27 County Hwy Agency 019-02-27 County Hwy Agency	00 Not Applicable 00 Not Applicable		32 1978 32 1971	A Open, no restriction P Posted for load	9 Other 8 Wood or Timber	6 Bituminous 6 Bituminous
45 15454A	Pilot Butte Canal, Deschutes Pleasant Ridge Rd	PLEASANT RIDGE	PILOT BUTTE CANAL	5.50	5 20	118-03-26 County Hwy Agency	00 Not Applicable	0 Not Applicable	46 1972	A Open, no restriction	9 Other	6 Bituminous
46 16060	Three Creeks Canal, Three Creeks Rd	THREE CREEKS ROAD	THREE CREEKS CANAL	123.65	5 20	119-02-25 County Hwy Agency	00 Not Applicable	0 Not Applicable	34.1 1973	A Open, no restriction	9 Other	6 Bituminous
47 16061	Little Deschutes River, South Century Dr	S CENTURY DR	LITTLE DESCHUTES RIVER BURLINGTON N. R.R.	8.25		018-03-29 County Hwy Agency	00 Not Applicable 00 Not Applicable		32 1973 40 1976	A Open, no restriction A Open, no restriction	9 Other	6 Bituminous 2 Integral Concrete
48 16181 50 16479	South Century Dr over BNRR Deschutes River. Twin Bridge Rd	S CENTURY DR TWIN BR RD	DESCHUTES RV/TWIN BR	3.5 1.69		018-03-28 County Hwy Agency 019-02-26 County Hwy Agency	00 Not Applicable		31.6 1981	A Open, no restriction	1 Concrete-Cast-in-Place 9 Other	6 Bituminous
51 16480	Deschutes River, Sheep Ln	MOUNTAIN SHEEP LN	DESCHUTES R. SHEEP LN	123.65		018-03-29 25 Other Local Agencies	00 Not Applicable		15.5 1981	A Open, no restriction	9 Other	6 Bituminous
52 16497	Little Deschutes River, Masten Rd	MASTEN ROAD	LITTLE DESCHUTES RIVER	123.65		118-03-29 County Hwy Agency	00 Not Applicable		31.5 1981	A Open, no restriction	9 Other	6 Bituminous
53 16519 58 16604	Robert D. Maxwell Veterans Memorial Bridge COI Canal, Dodds Rd	So. Century Dr. DODDS ROAD	Deschutes River COI CANAL	8.25 18		018-03-29 County Hwy Agency	00 Not Applicable		36 1984 31.5 1983	A Open, no restriction	1 Concrete-Cast-in-Place 9 Other	6 Bituminous 6 Bituminous
59 166840	Paulina Creek, Paulina Lake Rd	PAULINA LAKE RD	PAULINA CREEK	123.65		018-03-27 County Hwy Agency 018-03-29 County Hwy Agency	00 Not Applicable 00 Not Applicable		31.5 1985	A Open, no restriction A Open, no restriction	9 Other	6 Bituminous
60 166860	COI Main Canal, Walker Rd	WALKER ROAD	C O I MAIN C. WALKER	4		018-03-27 County Hwy Agency	00 Not Applicable		31.5 1985	A Open, no restriction	9 Other	6 Bituminous
61 16712	HWY 004 SB OXING Cottonwood Rd Con at MP 151.30	US 97 (HWY 004) SB	COTTONWOOD RD	0		019-02-09 State Highway Agency	00 Not Applicable		38.7 1984	A Open, no restriction	1 Concrete-Cast-in-Place	6 Bituminous
64 16933 65 17202	Little Deschutes River, Bridge Dr	BRIDGE DRIVE SRD4 HWY 372	LITTLE DESCHUTES RIVER SNOW TRAIL	123.65 40		018-03-29 County Hwy Agency	00 Not Applicable		31.5 1989 39.5 1991	A Open, no restriction	9 Other	6 Bituminous 6 Bituminous
66 17223	Hwy 372 over Snow Trail sn Hwy 372 WB NS MP21.38	None	HWY372	40		019-11-19 State Highway Agency 020-05-13 State Highway Agency	00 Not Applicable 00 Not Applicable		39.5 1991	A Open, no restriction A Open, no restriction	9 Other	N N/A (no deck (NBI)
67 17224	sn_Hwy 372_WB_SS_MP18.76	None	HWY372	40		020-05-13 State Highway Agency	00 Not Applicable		39.5 1991	A Open, no restriction		N N/A (no deck (NBI)
68 17227	sn_Hwy 372_WB_NS_MP20.91	None	HWY372	40		020-05-13 State Highway Agency	00 Not Applicable		39.5 1991	A Open, no restriction		N N/A (no deck (NBI)
69 17242 70 17243	sn_Hwy 372_EB_SS_MP19.39 sn_Hwy 372_EB_SS_MP18.88	None None	HWY372 HWY372	40 40		020-05-14 State Highway Agency	00 Not Applicable		39.5 1991 39.5 1991	A Open, no restriction		N N/A (no deck (NBI)
71 17243	Deschutes River, Hwy 17	US 20 (HWY 017)	DESCHUTES RIVER	3.27		020-05-14 State Highway Agency 019-03-21 State Highway Agency	00 Not Applicable 00 Not Applicable		52 1993	A Open, no restriction A Open, no restriction	1 Concrete-Cast-in-Place	N N/A (no deck (NBI) 6 Bituminous
73 17281	Baker Road over Hwy 4	BAKER ROAD	US 97 (HWY 004)	2.27		018-12-14 State Highway Agency	00 Not Applicable		36 1994	A Open, no restriction	1 Concrete-Cast-in-Place	1 Monolithic Concret
87 17437	Arnold Ditch, Hwy 4 Conn	US 97 (HWY 004) CO	ARNOLD IRR CANAL	5		018-12-14 State Highway Agency	00 Not Applicable	0 Not Applicable	29.1 1994	A Open, no restriction	9 Other	6 Bituminous
88 17923 93 17C02	Deschutes River, Spring River Rd Couch Lateral, Sisemore Rd	SPRING RIVER ROAD Sisemore Road	DESCHUTES RIVER COUCH LATERAL	12 1.05		018-03-28 County Hwy Agency 018-03-27 County Hwy Agency	00 Not Applicable 00 Not Applicable			A Open, no restriction A Open, no restriction	9 Other N N/A (NBI)	6 Bituminous 6 Bituminous
96 17C02	COI Canal, Gift Rd	GIFT ROAD	GIFT RD/C O I CANAL	3.57		119-02-26 County Hwy Agency	00 Not Applicable		32 1970	A Open, no restriction	8 Wood or Timber	6 Bituminous
97 17C07	Pilot Butte Irrigation Canal, Young Ave	YOUNG AVE	PILOT BUTTE IRR CANAL	1.46		18-03-27 County Hwy Agency	00 Not Applicable	0 Not Applicable	35.5 1975	A Open, no restriction	9 Other	6 Bituminous
98 17C09	Pilot Butte Irrigation Canal, Quarry Ave	QUARRY AVE	PILOT BUTTE IRR CANAL	1.18		019-02-26 County Hwy Agency	00 Not Applicable			A Open, no restriction	9 Other	6 Bituminous
99 17C10 100 17C15A	Pilot Butte Main Canal, SW 61st St Pilot Butte Canyon, 46th St	SW 61ST STREET 46TH ST-PHILLI	PILOT BUTTE MAIN CANAL PILOT BUTTE CAN/46TH ST	1.24 2.04		019-02-26 County Hwy Agency 019-02-26 County Hwy Agency	00 Not Applicable 00 Not Applicable		31.5 1977 31 1980	A Open, no restriction A Open, no restriction	9 Other 8 Wood or Timber	6 Bituminous 6 Bituminous
101 17C18A	North Unit Canal, NE Wilcox Ave	NE WILCOX AVE	NORTH UNIT CANAL	2.04		018-03-30 County Hwy Agency	00 Not Applicable		32 1971	A Open, no restriction	9 Other	6 Bituminous
104 17C30	COI Canal, Gribbling Rd	GRIBBLING ROAD	COLCANAL	0.46		19-02-26 County Hwy Agency	00 Not Applicable		12 1958	E Open, temp struct	8 Wood or Timber	7 Wood or Timber
105 17C32	North Unit Main Canal, Hamehook Rd	HAMEHOOK ROAD	NORTH UNIT MAIN CANAL	4		018-03-27 County Hwy Agency	00 Not Applicable		30 1977	A Open, no restriction	8 Wood or Timber	6 Bituminous
106 17C34 107 17C35	Little Deschutes River, Dorrance Meadow Rd Arnold Irrigation Canal, Baker Rd	DORRANCE MDW ROAD BAKER ROAD	LITTLE DESCHUTES RIVER ARNOLD IRR. CANAL	10		019-02-25 County Hwy Agency 018-03-28 County Hwy Agency	00 Not Applicable 00 Not Applicable		27.9 1977 31.5 1966	A Open, no restriction A Open, no restriction	2 Concrete Precast Panel 2 Concrete Precast Panel	6 Bituminous 6 Bituminous
108 17C37	Deschutes River, Twin Bridge Rd	TWIN BR RD	DESCHUTES RV	1.69		019-02-26 County Hwy Agency	00 Not Applicable		31 1974	A Open, no restriction	N N/A (NBI)	6 Bituminous
110 17C540	Small Boat Canal, Solar Dr	SOLAR DRIVE	SMALL BOAT CANAL	5		18-03-28 County Hwy Agency	00 Not Applicable		27.5 1972	A Open, no restriction	9 Other	6 Bituminous
111 17C550	Cottonwood Rd over BNRR	COTTONWOOD	B N R R O-XING			018-03-28 County Hwy Agency	00 Not Applicable		36.5 1984	A Open, no restriction	9 Other	6 Bituminous
113 17C570 115 17M001	Tumalo Res Feed Canal, Seismore Rd North Unit Canal, Coyote Rd	SEISMORE ROAD COYOTE RD NG/BBRG1	TUMALO RES FEED CANAL NORTH UNIT CANAI	99 12		018-03-27 County Hwy Agency 019-12-13 21 Other State Agencies	00 Not Applicable 00 Not Applicable		16.5 1983 12.5 1960	A Open, no restriction A Open, no restriction	8 Wood or Timber 8 Wood or Timber	7 Wood or Timber 7 Wood or Timber
116 18001	Fall River, Fall River Rd	FALL RIVER ROAD	FALL RIVER	75		018-03-29 County Hwy Agency	00 Not Applicable		24 1996	A Open, no restriction	8 Wood or Timber	6 Bituminous
121 18208	Deschutes Market Rd over Hwy 4	DESCHUTE MKT INTCH	US 97 (HWY 004)	24.85	5 20	19-02-19 State Highway Agency	00 Not Applicable	0 Not Applicable	36.1 1998	A Open, no restriction	1 Concrete-Cast-in-Place	1 Monolithic Concret
122 18283	Cline Falls Rd over Hwy 15	CLINE FALLS HWY	OR 126 (HWY 015)	13.5		018-06-05 State Highway Agency	00 Not Applicable			A Open, no restriction	1 Concrete-Cast-in-Place	1 Monolithic Concret
123 18299 125 18493	Pilot Butte Canal, Tumalo Rd 97 Overpass Deschutes Market Rd over Pumice Rd	TUMALO ROAD Deschutes Market	PILOT BUTTE CANAL PUMICE ROAD	0.2		019-02-26 County Hwy Agency 018-03-27 County Hwy Agency	00 Not Applicable 00 Not Applicable			A Open, no restriction A Open, no restriction	9 Other 1 Concrete-Cast-in-Place	6 Bituminous 1 Monolithic Concret
126 18494	Deschutes Market Rd over BNRR	Deschutes Market	BNRR	0		018-03-27 County Hwy Agency	00 Not Applicable			A Open, no restriction	1 Concrete-Cast-in-Place	1 Monolithic Concret
145 19962	Hwy 4 over BNSF (Terrebonne)	US 97 HWY 004	BNSF	22.85	5 20	020-01-21 State Highway Agency	00 Other (NBI)	0 Other		A Open, no restriction	1 Concrete-Cast-in-Place	5 Epoxy Overlay
147 20206	South Century Bridge (NB)	US 97 (HWY 004) NB	S. CENTURY DR.	0.02		018-11-27 State Highway Agency	00 Other (NBI)	0 Not Applicable		A Open, no restriction	1 Concrete-Cast-in-Place	1 Monolithic Concret
148 20207 149 20334	SOUTH CENTURY BRIDGE (SB) COI Canal-Lateral F, NW Galloway Ave	US 97 (HWY 004) SB NW GALLOWAY AVE	S. CENTURY DRIVE COI CANAL-LATERAL F	0.02	2 20	018-11-27 State Highway Agency 019-02-27 County Hwy Agency	00 Not Applicable 00 Other (NBI)	Not Applicable     Other		A Open, no restriction A Open, no restriction	1 Concrete-Cast-in-Place 8 Wood or Timber	1 Monolithic Concret 6 Bituminous
157 20552	HWY 004 NB OXING Cottonwood Rd Con. at MP 151.30	US 97 (HWY 004) NB	COTTONWOOD RD			119-02-27 County Hwy Agency 119-02-07 State Highway Agency		0 Not Applicable		A Open, no restriction	9 Other	1 Monolithic Concret
162 20783	OREGON WATER WONDERLAND, WOOD DUCK COURT	WOOD DUCK COURT	OREGON WATER WONDERLAND		20	19-07-16 County Hwy Agency	00 Not Applicable	0 Not Applicable	14 1984	A Open, no restriction	8 Wood or Timber	7 Wood or Timber
163 21014	HWY 004 SB OXING (Wildlife Passage) at MP 152.00	US 97 (HWY 004)	Wildlife Passage	1	20	119-02-07 State Highway Agency	00 Not Applicable	0 Not Applicable	41 2011	A Open, no restriction	1 Concrete-Cast-in-Place	1 Monolithic Concret
164 21015	HWY 004 SB OXING Cottonwood Road at MP 149.55	US 97 (HWY 004)	Cottonwood Road Cottonwood Road	1		019-02-07 State Highway Agency		Not Applicable     Not Applicable		A Open, no restriction	1 Concrete-Cast-in-Place 9 Other	1 Monolithic Concret
165 21016 166 21017	HWY 004 NB OXING Cottonwood Road at MP 149.56 HWY 004 NB OXING (Wildlife Passage) at MP 152.00	US 97 (HWY 004) US 97 (HWY 004)	Wildlife Passage	1		019-02-07 State Highway Agency 019-02-07 State Highway Agency		<ol> <li>Not Applicable</li> <li>Not Applicable</li> </ol>		A Open, no restriction  A Open, no restriction	9 Other 9 Other	1 Monolithic Concret 1 Monolithic Concret
168 21702	Hwy 372, Multi-Use Trail	Hwy 372	Multi Use Trail	ó		017-10-30 State Highway Agency	00 Not Applicable	<ol><li>Not Applicable</li></ol>	40 2013	A Open, no restriction	N N/A (NBI)	N N/A (no deck (NBI)
169 21706	Foot Bridge Crooked River at Smith Rock State Park	Foot Bridge	Crooked River	0	20	018-05-07 11 State Pk/Frst/Reserve	00 Not Applicable	0 Not Applicable	4 1974	A Open, no restriction	8 Wood or Timber	7 Wood or Timber
170 21825	Pilot Butte Canal, Hwy 4 at MP 129.72	US 97 (HWY 004)	PILOT BUTTE CANAL	13		018-10-29 State Highway Agency		Not Applicable     Not Applicable	0 2006	A Open, no restriction A Open, no restriction	N N/A (NBI)	N N/A (no deck (NBI)
174 22384 176 22450	Deschutes River, Tetherow Rd Haul Trail Undercrossing	TETHEROW ROAD HWY 372	DESCHUTES RIVER Rimrock Trail			019-02-27 County Hwy Agency 017-10-30 State Highway Agency	00 Other (NBI) Not Applicable (P	0 Not Applicable Not Applicable (P)		A Open, no restriction A Open, no restriction	2 Concrete Precast Panel N N/A (NBI)	6 Bituminous N N/A (no deck (NBI)
178 23100	Fall Cr_Cascade Lake Hwy_44.030112/121.738336	Cascade Lakes Hwy	FALL CREEK @SPARKS			019-07-16 County Hwy Agency	Not Applicable (P)	Not Applicable (P)	34 2017	A Open, no restriction	1 Concrete-Cast-in-Place	6 Bituminous
184 23905	Soda Cr_Cascade Lakes Hwy_44.02602/121.72564	Cascade Lakes Hwy	Soda Creek	123.65	5 20	19-07-16 County Hwy Agency	00 Not Applicable	<ol> <li>Not Applicable</li> </ol>	29 2019	A Open, no restriction	1 Concrete-Cast-in-Place	6 Bituminous
185 23906	cl_Goose Cr_Cascade Lakes Hwy_44.03275/121.742569	Cascade Lakes Hwy	Goose Creek	123.65	20	119-07-16 County Hwy Agency	00 Not Applicable	Not Applicable	0 2019	A Open, no restriction	N N/A (NBI)	6 Bituminous

ECTID BRIDGE_II		BRIDGE_NAM	CARRIES	CROSSES	BRIDGE_CON	DEFICIENCY	DKRATING		SUBRATING	CULVRATING		SCOUR_VULN		
3 01135A 4 01421A	Arnold Ditch, Hwy 4 Central Oregon Cana	Hwy 7	US 97 (HWY 004) US 20 (HWY 007)	ARNOLD DITCH CENTRAL OREGON CANAL	Good Good		7 Good 7 Good	7 Good 7 Good	7 Good 7 Good	N N/A (NBI) N N/A (NBI)	N N	8 Stable Above 5 Stable w/in f	N N	1-19' Precast RC Slb Prest wide 1-54' RC Slb Prest
5 01671A	Irrigation Ditch. Hwy 4	at MP 128 37	US 97 (HWY 004)	IRRIGATION DITCH	Good		N N/A (NBI)	N N/A (NBI)	N N/A (NBI)	7 Minor Deterioration	N	8 Stable Above	N N	1-7' RC Slb
6 01672A	Irrigation Ditch, Hwy 4		US 97 (HWY 004)	IRRIGATION DITCH	Good		N N/A (NBI)	N N/A (NBI)	N N/A (NBI)	7 Minor Deterioration	N	8 Stable Above	N	1-7' RC SIb
7 01673A	Irrigation Ditch, Hwy 4			IRRIGATION DITCH	Good		N N/A (NBI)	N N/A (NBI)	N N/A (NBI)	7 Minor Deterioration	N	8 Stable Above	N	1-7' RC Slb
8 01674B	Irrigation Ditch, Hwy 4		US 97 (HWY 004)	IRRIGATION DITCH	Good		N N/A (NBI)	N N/A (NBI)	N N/A (NBI)	7 Minor Deterioration	N	8 Stable Above	N	1-7' RC Slb
9 01676A	Swalley Canal, Hwy 4	at MP 132.16	US 97 (HWY 004)	SWALLEY CANAL	Fair		6 Satisfactory	6 Satisfactory	6 Satisfactory	7 Minor Deterioration	N	8 Stable Above	N	1-13' RC Slb
10 02769	Ochoco North Main C Lateral F COI Canal.		OR 126 (HWY 041) US 97 (HWY 004) SB	OCHOCO N MAIN CANAL	Fair		6 Satisfactory	6 Satisfactory	6 Satisfactory	N N/A (NBI)	N	5 Stable w/in f		2-24' RCDG
11 03296B 12 03367A	Paulina Creek, Hwy 4	1wy 4 at MP 118.02	US 97 (HWY 004) SB US 97 (HWY 004)	LATERAL F CANAL PAULINA CREEK	Good Fair		N N/A (NBI)	N N/A (NBI) N N/A (NBI)	N N/A (NBI) N N/A (NBI)	7 Minor Deterioration 6 Deterioration	N N	8 Stable Above 5 Stable w/in f	N N	12'6"x7'11" -168' Struct Plate Arc 72" -93' CMP
13 03372A	Trout Creek, Hwy 15			TROUT CREEK	Fair		N N/A (NBI) 6 Satisfactory	6 Satisfactory	6 Satisfactory	N N/A (NBI)		5 Stable w/in f	N N	1-21' Precast RC Channel Beam
14 03373A	Deschutes River, Hw	15		DESCHUTES RIVER	Fair		6 Satisfactory			N N/A (NBI)	N	8 Stable Above	N	1-53', 1-74', 1-90', 1-74', 1-53' RO
15 03374	Indian Ford Creek, Hy		US 20 (HWY 016)	INDIAN FORD CREEK	Fair		N N/A (NBI)	N N/A (NBI)	N N/A (NBI)	6 Deterioration	N	5 Stable w/in f	N	1-10'x4' RC Rigid Frame
16 03378	Deschutes River, O B		O.B. RILEY ROAD	DESCHUTES RIVER	Good		7 Good	7 Good	7 Good	N N/A (NBI)	N	8 Stable Above	N	-
17 03379	Pilot Butte Canal, Hw		HWY 370	PILOT BUTTE CANAL	Fair		6 Satisfactory	6 Satisfactory	6 Satisfactory	N N/A (NBI)	N	5 Stable w/in f	N	1-19' RC Slb Prest
18 03380	Irrigation Ditch, Hwy 3		HWY 370	IRRIGATION DITCH	Fair		6 Satisfactory	6 Satisfactory	5 Fair	N N/A (NBI)	N	5 Stable w/in f 5 Stable w/in f	N	1-18' RC Slb Prest
19 03383A 26 09643A	Deschutes River, Tun	nalo Market Rd Access Lapine Rec Area (ParkBr)		DESCHUTES RIVER DESCHUTES RIVER	Fair Fair		7 Good 6 Satisfactory	7 Good 7 Good	6 Satisfactory 7 Good	N N/A (NBI) N N/A (NBI)	N N	5 Stable W/In f 8 Stable Above	N N	1-36', 1-44', 2-55', 1-44', 1-36' R
27 09643B		, Lapine State Park Rd	LaPine Ste Rec Rd	LITTLE DESCHUTES RIVER	Good		7 Good	7 Good	7 Good	N N/A (NBI)	N	8 Stable Above	Y	1-30, 1-44, 2-33, 1-44, 1-30 K
29 09818	COI Main Canal, Gos		GOSNEY RD	COI MAIN CANAL	Good		7 Good	7 Good	7 Good	N N/A (NBI)	N	8 Stable Above	N	
30 09819	COI Main Canal, War		WARD ROAD	COI MAIN CANAL	Fair		7 Good		5 Fair	N N/A (NBI)	N	8 Stable Above	N	
31 09C04A	Indian Ford Creek, Ca		CAMP POLK ROAD	INDIAN FORD CREEK	Fair		N N/A (NBI)	N N/A (NBI)	N N/A (NBI)	5 Moderate Damage	N	8 Stable Above	N	
32 09C05A	Whychus Creek, Carr			WHYCHUS CREEK, CAMP POLK	Good		8 Very Good	8 Very Good	8 Very Good	N N/A (NBI)		8 Stable Above	N	
33 09C125	COI Main Canal, Alfal			COI MAIN CANAL	Fair		6 Satisfactory			N N/A (NBI)		8 Stable Above	N	
34 09C36A	Tumalo Creek, Shevli			TUMALO CREEK	Good		7 Good	7 Good	7 Good	N N/A (NBI)	N	8 Stable Above	N	
38 09C783 39 0P020	Deschutes River, Bury		BURGESS RD US 20 (HWY 007)	DESCHUTES RIVER CATTLEPASS	Fair Good		6 Satisfactory N N/A (NBI)	7 Good N N/A (NBI)	7 Good N N/A (NBI)	N N/A (NBI) 7 Minor Deterioration	N N	8 Stable Above N Not Over Wate	N N	84" -80' CMP
40 0P021	Cattlepass, Hwy 7 at Cattlepass, Hwy 7 at		US 20 (HWY 007)	CATTLEPASS	Good		N N/A (NBI)	N N/A (NBI)	N N/A (NBI)	7 Minor Deterioration	N	N Not Over Wate	N N	84" -57' CMP
41 0P022	Cattlepass, Hwy 7 at		US 20 (HWY 007)	CATTLEPASS	Good		N N/A (NBI)	N N/A (NBI)	N N/A (NBI)	7 Minor Deterioration	N	N Not Over Wate		84" -60' CMP
42 15450A	Deschutes River, Low			DESCHUTES RIVER	Good		7 Good	7 Good	7 Good	N N/A (NBI)	N	5 Stable w/in f	N	
43 15452	North Unit Canal, Smi		SMITH ROCK ROAD	NORTH UNIT CAN/SMITHROCK	Fair		6 Satisfactory	7 Good	6 Satisfactory	N N/A (NBI)	N	8 Stable Above	N	
45 15454A	Pilot Butte Canal, Des	chutes Pleasant Ridge Rd	PLEASANT RIDGE	PILOT BUTTE CANAL	Good		7 Good	7 Good	7 Good	N N/A (NBI)	N	8 Stable Above	N	
46 16060	Three Creeks Canal,			THREE CREEKS CANAL	Good		8 Very Good	7 Good	7 Good	N N/A (NBI)	N	8 Stable Above	N	
47 16061	Little Deschutes River		S CENTURY DR	LITTLE DESCHUTES RIVER	Fair		6 Satisfactory	6 Satisfactory		N N/A (NBI)	N	5 Stable w/in f	N	
48 16181	South Century Dr ove		S CENTURY DR	BURLINGTON N. R.R.	Fair		6 Satisfactory	5 Fair	5 Fair	N N/A (NBI)		N Not Over Wate 3 SC - Unstable	N	
50 16479 51 16480	Deschutes River, Twi Deschutes River, She		TWIN BR RD MOUNTAIN SHEEP LN	DESCHUTES RV/TWIN BR DESCHUTES R. SHEEP LN	Fair Fair		7 Good 6 Satisfactory	7 Good 6 Satisfactory	5 Fair 5 Fair	N N/A (NBI) N N/A (NBI)		4 Stable, needs	N N	
52 16497	Little Deschutes River		MASTEN ROAD	LITTLE DESCHUTES RIVER	Fair		7 Good		7 Good	N N/A (NBI)	N	5 Stable w/in f	N	
53 16519		terans Memorial Bridge	So. Century Dr.	Deschutes River	Good		8 Very Good	8 Very Good	7 Good	N N/A (NBI)	N	5 Stable w/in f	N	
58 16604	COI Canal, Dodds Rd		DODDS ROAD	COLCANAL	Good		7 Good	7 Good	7 Good	N N/A (NBI)	N	8 Stable Above	N	
59 166840	Paulina Creek, Paulin	a Lake Rd	PAULINA LAKE RD	PAULINA CREEK	Good		8 Very Good	7 Good	8 Very Good	N N/A (NBI)	N	8 Stable Above	N	
60 166860	COI Main Canal, Wall		WALKER ROAD	COIMAIN C. WALKER	Good		7 Good	7 Good	7 Good	N N/A (NBI)	N	8 Stable Above	N	
61 16712		Cottonwood Rd Con at MP 151.30		COTTONWOOD RD	Good		7 Good	7 Good	7 Good	N N/A (NBI)		N Not Over Wate	N	1-50' RC Slb Prest
64 16933	Little Deschutes River		BRIDGE DRIVE SRD4	LITTLE DESCHUTES RIVER	Good		8 Very Good	8 Very Good	8 Very Good	N N/A (NBI)	N	8 Stable Above	N	
65 17202	Hwy 372 over Snow 1		HWY 372	SNOW TRAIL HWY372	Good		7 Good	7 Good	7 Good	N N/A (NBI)		N Not Over Wate	N	1-70' RC Slb Prest
66 17223 67 17224	sn_Hwy 372_WB_NS sn Hwy 372_WB_SS	MP21.38	None None	HWY372	Good Good		N N/A (NBI) N N/A (NBI)	8 Very Good 8 Very Good	8 Very Good 8 Very Good	N N/A (NBI) N N/A (NBI)		N Not Over Wate N Not Over Wate	N N	
68 17227	sn Hwy 372 WB NS		None	HWY372	Good		N N/A (NBI)	8 Very Good	8 Very Good	N N/A (NBI)		N Not Over Wate	N	
69 17242	sn Hwy 372 EB SS		None	HWY372	Good		N N/A (NBI)	8 Very Good	8 Very Good	N N/A (NBI)		Unknown (NBI)	N	
70 17243	sn Hwy 372 EB SS		None	HWY372	Good		N N/A (NBI)	8 Very Good	8 Very Good	N N/A (NBI)	N	N Not Over Wate	N	
71 17251	Deschutes River, Hw	17	US 20 (HWY 017)	DESCHUTES RIVER	Good		7 Good	7 Good	7 Good	N N/A (NBI)	N	8 Stable Above	N	1-48', 1-66', 1-51' RCDG Prest E
73 17281	Baker Road over Hwy		BAKER ROAD	US 97 (HWY 004)	Good		7 Good	7 Good		N N/A (NBI)		N Not Over Wate	N	1-140' RCBG Prest Post-Ten
87 17437	Arnold Ditch, Hwy 4 C			ARNOLD IRR CANAL	Good		7 Good	7 Good	7 Good	N N/A (NBI)	N	8 Stable Above	N	1-22' RC Slb Prest
88 17923	Deschutes River, Spr		SPRING RIVER ROAD	DESCHUTES RIVER	Good		8 Very Good	7 Good	7 Good	N N/A (NBI)	N	8 Stable Above	N	
93 17C02	Couch Lateral, Sisem	ore Rd	Sisemore Road	COUCH LATERAL		Structurally Deficient	4 Poor	4 Poor	4 Poor	N N/A (NBI)		8 Stable Above	N	
96 17C06 97 17C07	COI Canal, Gift Rd Pilot Butte Irrigation C	anal Vauna Ava	GIFT ROAD YOUNG AVE	GIFT RD/C O I CANAL PILOT BUTTE IRR CANAL	Fair Fair		7 Good 7 Good	6 Satisfactory 7 Good	6 Satisfactory 5 Fair	N N/A (NBI) N N/A (NBI)	Y N	U Unknown Scour 8 Stable Above	N N	
98 17C09	Pilot Butte Irrigation C		QUARRY AVE	PILOT BUTTE IRR CANAL	Fair		8 Very Good	8 Very Good		N N/A (NBI)	N	8 Stable Above	N	
99 17C10	Pilot Butte Main Cana		SW 61ST STREET	PILOT BUTTE MAIN CANAL	Good		8 Very Good	8 Very Good	7 Good	N N/A (NBI)	N	8 Stable Above	N	
100 17C15A	Pilot Butte Canyon, 4		46TH ST-PHILLI	PILOT BUTTE CAN/46TH ST	Good		7 Good	7 Good	7 Good	N N/A (NBI)	N	8 Stable Above	N	
101 17C18	North Unit Canal, NE	Wilcox Ave	NE WILCOX AVE	NORTH UNIT CANAL	Fair		7 Good	6 Satisfactory	7 Good	N N/A (NBI)	N	8 Stable Above	N	
104 17C30	COI Canal, Gribbling		GRIBBLING ROAD	COLCANAL		Structurally Deficient	7 Good	5 Fair	3 Serious	N N/A (NBI)		3 SC - Unstable	N	
105 17C32	North Unit Main Cana		HAMEHOOK ROAD	NORTH UNIT MAIN CANAL	Good		7 Good	7 Good	7 Good	N N/A (NBI)	N	8 Stable Above	N	
106 17C34		, Dorrance Meadow Rd		LITTLE DESCHUTES RIVER	Fair		6 Satisfactory	6 Satisfactory		N N/A (NBI)	N	8 Stable Above	Y	
107 17C35 108 17C37	Arnold Irrigation Cana Deschutes River, Twi		BAKER ROAD TWIN BR RD	ARNOLD IRR. CANAL DESCHUTES RV	Good Fair		7 Good	7 Good N N/A (NBI)	7 Good N N/A (NBI)	N N/A (NBI) 6 Deterioration	N N	8 Stable Above 8 Stable Above	N N	
108 17C37 110 17C540	Small Boat Canal. So		SOLAR DRIVE	SMALL BOAT CANAL	Fair Fair		N N/A (NBI) 7 Good	7 Good		N N/A (NBI)		3 SC - Unstable	N N	
110 17C540 111 17C550	Cottonwood Rd over			B N R R O-XING	Fair		7 Good 7 Good		7 Good	N N/A (NBI)		N Not Over Wate	N N	
113 17C570	Tumalo Res Feed Ca		SEISMORE ROAD	TUMALO RES FEED CANAL	Fair		8 Very Good	6 Satisfactory	7 Good	N N/A (NBI)	N	8 Stable Above	N	
115 17M001	North Unit Canal, Coy			NORTH UNIT CANAL	Fair		5 Fair	6 Satisfactory		N N/A (NBI)	N	8 Stable Above	N	
116 18001	Fall River, Fall River I	₹d	FALL RIVER ROAD	FALL RIVER	Good		7 Good	7 Good	7 Good	N N/A (NBI)	N	8 Stable Above	N	
121 18208	Deschutes Market Rd			US 97 (HWY 004)	Good		7 Good	8 Very Good	8 Very Good	N N/A (NBI)		N Not Over Wate	N	1-140' RCBG Prest Post-Ten
122 18283	Cline Falls Rd over H			OR 126 (HWY 015)	Good		7 Good	7 Good	7 Good	N N/A (NBI)		N Not Over Wate	N	1-116' RCDG Prest Bulb-T
123 18299	Pilot Butte Canal, Tur		TUMALO ROAD	PILOT BUTTE CANAL	Good		8 Very Good	8 Very Good	7 Good	N N/A (NBI)		8 Stable Above	N	
125 18493 126 18494	Deschutes Market Rd Deschutes Market Rd		Deschutes Market Deschutes Market	PUMICE ROAD BNRR	Good Good		7 Good 7 Good	8 Very Good 8 Very Good	7 Good 7 Good	N N/A (NBI) N N/A (NBI)		N Not Over Wate N Not Over Wate	N N	
126 18494	Hwy 4 over BNSF (Te		LIS 97 HWY 004	BNSF	Good		7 Good 7 Good	7 Good	7 Good	N N/A (NBI) N N/A (NBI)		N Not Over Wate	N N	1-200' RCBG Prest Post-Ten
147 20206	South Century Bridge			S. CENTURY DR.	Good		7 Good 7 Good	8 Very Good	8 Very Good	N N/A (NBI)	N	N Not Over Wate	N N	1-86' RC Slb Prest
148 20207	SOUTH CENTURY B		US 97 (HWY 004) SB	S. CENTURY DRIVE	Good		7 Good	7 Good	8 Very Good	N N/A (NBI)	N	N Not Over Wate	N	1-86' RC Slb Prest
149 20334	COI Canal-Lateral F,	NW Galloway Ave	NW GALLOWAY AVE	COI CANAL-LATERAL F	Fair					N N/A (NBI)	N	8 Stable Above	N	
157 20552	HWY 004 NB OXING	Cottonwood Rd Con. at MP 151.30	US 97 (HWY 004) NB	COTTONWOOD RD	Good		7 Good			N N/A (NBI)		N Not Over Wate	N	1-64' RC Slb Prest
162 20783		ONDERLAND, WOOD DUCK COURT		OREGON WATER WONDERLAND				7 Good	5 Fair	N N/A (NBI)		U Unknown Scour	Υ	
163 21014		(Wildlife Passage) at MP 152.00	US 97 (HWY 004)	Wildlife Passage	Good		7 Good	8 Very Good	8 Very Good	N N/A (NBI)	N	N Not Over Wate	N	1-52' RC Slb Prest
164 21015		Cottonwood Road at MP 149.55	US 97 (HWY 004)	Cottonwood Road	Good		7 Good	8 Very Good	8 Very Good	N N/A (NBI)		N Not Over Wate	N	1-112' RCBG Prest
165 21016		Cottonwood Road at MP 149.56	US 97 (HWY 004)	Cottonwood Road	Good		7 Good	8 Very Good	8 Very Good	N N/A (NBI)		N Not Over Wate	N	1-114' RCBG Prest
166 21017		(Wildlife Passage) at MP 152.00	US 97 (HWY 004)	Wildlife Passage	Good		7 Good			N N/A (NBI)		N Not Over Wate	N	1-52' RC Slb Prest
168 21702 169 21706	Hwy 372, Multi-Use T	rail River at Smith Rock State Park	Hwy 372	Multi Use Trail Crooked River	Good	Structurally Deficie	N N/A (NBI)	N N/A (NBI) 4 Poor		8 No Major Problem		N Not Over Wate	N	186"x162"x91'2" CMP
169 21706 170 21825	Pilot Bridge Crooked Pilot Butte Canal, Hw		Foot Bridge US 97 (HWY 004)	PILOT BUTTE CANAL	Poor S Good	Structurally Deficient	7 Good N N/A (NBI)	4 Poor N N/A (NBI)	7 Good N N/A (NBI)	N N/A (NBI) 7 Minor Deterioration		U Unknown Scour U Unknown Scour		108" -270' CMP
170 21825	Deschutes River, Tet		TETHEROW ROAD	DESCHUTES RIVER	Good		8 Very Good	8 Very Good		N N/A (NBI)	N	5 Stable w/in f	N N	100 -210 GWIP
176 22450	Haul Trail Undercross		HWY 372	Rimrock Trail	Good		N N/A (NBI)	N N/A (NBI)	N N/A (NBI)	8 No Major Problem	N	N Not Over Wate	N N	120" x 168" x 55' RCBC
178 23100		: Hwy_44.030112/121.738336		FALL CREEK @SPARKS	Good		8 Very Good	8 Very Good		N N/A (NBI)	N	5 Stable w/in f	N	1.00 1.00 1.000
		kes Hwy_44.02602/121.72564		Soda Creek	Good			8 Very Good		N N/A (NBI)	N	5 Stable w/in f	N	
184 23905		Lakes Hwy 44.03275/121.742569	Cascade Lakes Hwy	Goose Creek	Good		N N/A (NBI)	N N/A (NBI)	N N/A (NBI)	8 No Major Problem	N	5 Stable w/in f	N	

OBJECTID BRIDGE_ID		CARRIES	CROSSES ARNOLD DITCH	RAILRATING	RAILMAT					ADMIN_AREA	ROAD_IDENT		RTGOAL_SHV REVIEW_EV	LAT
3 01135A 4 01421A	Arnold Ditch, Hwy 4 Central Oregon Canal, Hwy 7	US 97 (HWY 004) US 20 (HWY 007)	CENTRAL OREGON CANAL	1 Meets Standards 1 Meets Standards	Multiple Metal Bridge Railing	Region 4 Region 4	10 10	Deschutes Deschutes	UNKNOWN	R4 R4	1 Highway 1 Highway	01135A004 14327 01421A007 00839		43.9945 44.0374107
5 01671A	Irrigation Ditch, Hwy 4 at MP 128.37	US 97 (HWY 004)	IRRIGATION DITCH	N N/A or not required	motal Bridge Halling	Region 4	10	Deschutes	UNKNOWN		1 Highway	01671A004 12837		44.1832854
6 01672A	Irrigation Ditch, Hwy 4 at MP 128.84	US 97 (HWY 004)	IRRIGATION DITCH	N N/A or not required		Region 4	10	Deschutes	UNKNOWN		1 Highway	01672A004 12886		44.1776715
7 01673A	Irrigation Ditch, Hwy 4 at MP 129.05	US 97 (HWY 004)	IRRIGATION DITCH	N N/A or not required		Region 4	10	Deschutes	UNKNOWN		1 Highway	01673A004 12905		44.1745215
8 01674B 9 01676A	Irrigation Ditch, Hwy 4 at MP 129.43 Swalley Canal, Hwy 4 at MP 132.16	US 97 (HWY 004) US 97 (HWY 004)	IRRIGATION DITCH SWALLEY CANAL	N N/A or not required N N/A or not required		Region 4 Region 4	10 10	Deschutes Deschutes	UNKNOWN		1 Highway 1 Highway	01674B004 12944 01676A004 13216		44.1695965 44.1344357
10 02769	Ochoco North Main Canal, Hwy 41	OR 126 (HWY 041)	OCHOCO N MAIN CANAL	0 Substandard	Re Conc Bridge Railing	Region 4	10	Deschutes	UNKNOWN		1 Highway	02769 041 00304		44.26205
11 03296B	Lateral F COI Canal, Hwy 4 at MP 118.02	US 97 (HWY 004) SB	LATERAL F CANAL	N N/A or not required		Region 4	10	Deschutes	UNKNOWN		1 Highway	03296B004 11801		44.3197521
12 03367A	Paulina Creek, Hwy 4	US 97 (HWY 004)	PAULINA CREEK	N N/A or not required		Region 4	11	Deschutes	UNKNOWN		1 Highway	03367A004 16202		43.7481941
13 03372A 14 03373A	Trout Creek, Hwy 15 Deschutes River, Hwy 15	OR 242 (HWY 015) OR 126 (HWY 015)	TROUT CREEK DESCHUTES RIVER	Substandard     Meets Standards	Metal Bridge Railing Multiple	Region 4 Region 4	10 10	Deschutes Deschutes	UNKNOWN		1 Highway 1 Highway	03372A015 08940 03373A015 10765		44.3026111 44.2736
15 03374	Indian Ford Creek, Hwy 16	US 20 (HWY 016)	INDIAN FORD CREEK	N N/A or not required	Malapio	Region 4	10	Deschutes	UNKNOWN		1 Highway	03374 016 09502		44.3566666
16 03378	Deschutes River, O B Riley Rd	O.B. RILEY ROAD	DESCHUTES RIVER	0 Substandard	Metal Bridge Railing	Region 4	10	Deschutes	UNKNOWN	06	1 Highway		SHV Category 2	44.1294687
17 03379	Pilot Butte Canal, Hwy 370	HWY 370	PILOT BUTTE CANAL	1 Meets Standards 1 Meets Standards	Multiple	Region 4	10	Deschutes	UNKNOWN		1 Highway	03379 370 00021		44.3127
18 03380 19 03383A	Irrigation Ditch, Hwy 370 at MP 2.47 Deschutes River, Tumalo Market Rd	HWY 370 TUMALO MARKET RD	IRRIGATION DITCH DESCHUTES RIVER	Nieets Standards     Substandard	Multiple Multiple	Region 4 Region 4	10 10	Deschutes Deschutes	UNKNOWN		1 Highway 5 Highway-pedestrian	03380 370 00247 03383AB75 00005	SHV Category 2	44.3199882 44.1507305
26 09643A	Deschutes R, Hwy 4 Access Lapine Rec A		DESCHUTES RIVER	0 Substandard	Metal Bridge Railing	Region 4	11	Deschutes	UNKNOWN		5 Highway-pedestrian		SHV Category 2	43.7721104
27 09643B	Little Deschutes River, Lapine State Park F	Rd LaPine Ste Rec Rd	LITTLE DESCHUTES RIVER	1 Meets Standards	Metal Bridge Railing	Region 4	11	Deschutes	UNKNOWN	06	1 Highway		SHV Category 2	43.7708687
29 09818 30 09819	COI Main Canal, Gosney Rd	GOSNEY RD WARD ROAD	COLMAIN CANAL	Substandard     Substandard	Metal Bridge Railing	Region 4	10	Deschutes Deschutes	UNKNOWN		1 Highway		SHV Category 2	44.0352691 44.0425607
30 09819 31 09C04A	COI Main Canal, Ward Rd Indian Ford Creek, Camp Polk Rd	CAMP POLK ROAD	INDIAN FORD CREEK	0 Substandard 0 Substandard	Metal Bridge Railing Metal Bridge Railing	Region 4 Region 4	10 10	Deschutes	UNKNOWN		1 Highway 1 Highway	09819 D56 00080 09C04AC32 00223	SHV Category 2	44.3202187
32 09C05A	Whychus Creek, Camp Polk Rd	CAMP POLK ROAD	WHYCHUS CREEK, CAMP POLK	0 Substandard	Metal Bridge Railing	Region 4	10	Deschutes	UNKNOWN		1 Highway	09C05AC32 00414	SHV Category 2	44.3182993
33 09C125	COI Main Canal, Alfalfa Market Rd	ALFALFA MKT RD	COI MAIN CANAL	0 Substandard	Metal Bridge Railing	Region 4	10	Deschutes	UNKNOWN		1 Highway		SHV Category 2	44.0777993
34 09C36A	Tumalo Creek, Shevlin Park Rd	SHEVLIN PARK ROAD	TUMALO CREEK	0 Substandard	Metal Bridge Railing	Region 4	10	Deschutes	BEND		1 Highway		SHV Category 2	44.0829187
38 09C783 39 0P020	Deschutes River, Burgess Rd Cattlepass, Hwy 7 at MP 22.47	BURGESS RD US 20 (HWY 007)	DESCHUTES RIVER CATTLEPASS	Substandard     N N/A or not required	Metal Bridge Railing	Region 4 Region 4	11 10	Deschutes Deschutes	UNKNOWN		5 Highway-pedestrian 1 Highway	09C783E08 00783 0P020 007 02247	SHV Category 1	43.7410691 43.8994635
40 0P021	Cattlepass, Hwy 7 at MP 25.05	US 20 (HWY 007)	CATTLEPASS	N N/A or not required		Region 4	10	Deschutes	UNKNOWN		1 Highway	0P021 007 02504		43.8843441
41 0P022	Cattlepass, Hwy 7 at MP 28.73	US 20 (HWY 007)	CATTLEPASS	N N/A or not required		Region 4	10	Deschutes	UNKNOWN		1 Highway	0P022 007 02873		43.8714493
42 15450A	Deschutes River, Lower Bridge Rd	LOWER BRIDGE RD	DESCHUTES RIVER	0 Substandard	Metal Bridge Railing	Region 4	10	Deschutes	UNKNOWN		1 Highway		SHV Category 2	44.3597194
43 15452	North Unit Canal, Smith Rock Rd	SMITH ROCK ROAD	NORTH UNIT CAN/SMITHROCK	0 Substandard	Timb Bridge Railing	Region 4	10	Deschutes	UNKNOWN		1 Highway	15452 C42 00350	SUN/Cata-and 2	44.3488691
45 15454A 46 16060	Pilot Butte Canal, Deschutes Pleasant Ride Three Creeks Canal, Three Creeks Rd	ge Rd PLEASANT RIDGE THREE CREEKS ROAD	PILOT BUTTE CANAL THREE CREEKS CANAL	Substandard     Substandard	Metal Bridge Railing Metal Bridge Railing	Region 4 Region 4	10 10	Deschutes Deschutes	UNKNOWN		1 Highway 1 Highway	15454AD31 00011 16060 A14 00277	SHV Category 2 SHV Category 2	44.15979722 44.2528305
47 16061	Little Deschutes River, South Century Dr	S CENTURY DR	LITTLE DESCHUTES RIVER	1 Meets Standards	Multiple	Region 4	11	Deschutes	UNKNOWN		5 Highway-pedestrian	16061 E20202266	SHV Category 2	43.8204104
48 16181	South Century Dr over BNRR	S CENTURY DR	BURLINGTON N. R.R.	1 Meets Standards	Multiple	Region 4	10	Deschutes	UNKNOWN	06	1 Highway	16181 E20 02685	SHV Category 2	43.8693993
50 16479	Deschutes River, Twin Bridge Rd	TWIN BR RD	DESCHUTES RV/TWIN BR	0 Substandard	Metal Bridge Railing	Region 4	10	Deschutes	UNKNOWN		1 Highway		SHV Category 2	44.1816604
51 16480 52 16497	Deschutes River, Sheep Ln Little Deschutes River, Masten Rd	MOUNTAIN SHEEP LN MASTEN ROAD	DESCHUTES R. SHEEP LN LITTLE DESCHUTES RIVER	Substandard     Substandard	Metal Bridge Railing Metal Bridge Railing	Region 4 Region 4	11 11	Deschutes Deschutes	UNKNOWN		1 Highway 1 Highway	16480 000000110 16497 E06 00320	SHV Category 2 SHV Category 2	43.7768604 43.6454191
53 16519	Robert D. Maxwell Veterans Memorial Brid		Deschutes River	1 Meets Standards	Metal Bridge Railing	Region 4	11	Deschutes	UNKNOWN		5 Highway-pedestrian		SHV Category 2	43.8175993
58 16604	COI Canal, Dodds Rd	DODDS ROAD	COLCANAL	0 Substandard	Metal Bridge Railing	Region 4	10	Deschutes	UNKNOWN		1 Highway	16604 D42 00342	SHV Category 2	44.0292187
59 166840	Paulina Creek, Paulina Lake Rd	PAULINA LAKE RD	PAULINA CREEK	0 Substandard	Metal Bridge Railing	Region 4	11	Deschutes	UNKNOWN		1 Highway	1668400F0600290	SHV Category 2	43.7271382
60 166860 61 16712	COI Main Canal, Walker Rd HWY 004 SB OXING Cottonwood Rd Con	WALKER ROAD at MP 151 30 US 97 (HWY 004) SB	C O I MAIN C. WALKER COTTONWOOD RD	0 Substandard	Metal Bridge Railing	Region 4	10 10	Deschutes Deschutes	UNKNOWN		1 Highway		SHV Category 2	44.0633
64 16933	Little Deschutes River, Bridge Dr	BRIDGE DRIVE SRD4	LITTLE DESCHUTES RIVER	1 Meets Standards 0 Substandard	Re Conc Bridge Railing Metal Bridge Railing	Region 4 Region 4	10	Deschutes	UNKNOWN		1 Highway 1 Highway	16712 004 15133 16933 000000022	SHV Category 2	43.8896769 43.7545694
65 17202	Hwy 372 over Snow Trail	HWY 372	SNOW TRAIL	0 Substandard	Metal Bridge Railing	Region 4	10	Deschutes	UNKNOWN		1 Highway	17202 372 01828	on odlogory z	43.9838996
66 17223	sn_Hwy 372_WB_NS_MP21.38	None	HWY372	N N/A or not required		Region 4	10	Deschutes	UNKNOWN	R4	Other (NBI)	17223 372 02138		43.98269
67 17224	sn_Hwy 372_WB_SS_MP18.76	None	HWY372	N N/A or not required		Region 4	10	Deschutes	UNKNOWN		Other (NBI)	17224 372 01876		43.98207
68 17227 69 17242	sn_Hwy 372_WB_NS_MP20.91 sn_Hwy 372_EB_SS_MP19.39	None None	HWY372 HWY372	N N/A or not required N N/A or not required		Region 4 Region 4	10 10	Deschutes Deschutes	UNKNOWN		Other (NBI) Other (NBI)	17227 372 02091 17242 372 01939		43.9902 43.98258
70 17243	sn Hwy 372 EB SS MP18.88	None	HWY372	N N/A or not required		Region 4	10	Deschutes	UNKNOWN		Other (NBI)	17242 372 01888		43.98207
71 17251	Deschutes River, Hwy 17	US 20 (HWY 017)	DESCHUTES RIVER	1 Meets Standards	Re Conc Bridge Railing	Region 4	10	Deschutes	UNKNOWN	R4	1 Highway	17251 017 01509		44.1406885
73 17281	Baker Road over Hwy 4	BAKER ROAD	US 97 (HWY 004)	1 Meets Standards	Metal Bridge Railing	Region 4	10	Deschutes	UNKNOWN		1 Highway	17281 004 14345		43.9921
87 17437 88 17923	Arnold Ditch, Hwy 4 Conn	US 97 (HWY 004) CO SPRING RIVER ROAD	ARNOLD IRR CANAL DESCHUTES RIVER	Substandard     Meets Standards	Metal Bridge Railing Multiple	Region 4	10 10	Deschutes Deschutes	UNKNOWN		1 Highway	17437 004C14327 17923 419200052		43.9947 43.8631694
93 17C02	Deschutes River, Spring River Rd Couch Lateral, Sisemore Rd	Sisemore Road	COUCH LATERAL	0 Substandard	Metal Bridge Railing	Region 4 Region 4	10	Deschutes	UNKNOWN		1 Highway 1 Highway		SHV Category 2	44.1393191
96 17C06	COI Canal, Gift Rd	GIFT ROAD	GIFT RD/C O I CANAL	0 Substandard	Metal Bridge Railing	Region 4	10	Deschutes	UNKNOWN		1 Highway	17C06 B08 00050		44.1816493
97 17C07	Pilot Butte Irrigation Canal, Young Ave	YOUNG AVE	PILOT BUTTE IRR CANAL	0 Substandard	Metal Bridge Railing	Region 4	10	Deschutes	UNKNOWN		1 Highway	17C07 B11 00140	SHV Category 2	44.1961496
98 17C09 99 17C10	Pilot Butte Irrigation Canal, Quarry Ave Pilot Butte Main Canal, SW 61st St	QUARRY AVE SW 61ST STREET	PILOT BUTTE IRR CANAL PILOT BUTTE MAIN CANAL	Substandard     Substandard	Metal Bridge Railing Metal Bridge Railing	Region 4 Region 4	10 10	Deschutes Deschutes	UNKNOWN		1 Highway 1 Highway		SHV Category 2 SHV Category 2	44.2105805 44.2036111
100 17C15A	Pilot Butte Canvon, 46th St	46TH ST-PHILLI	PILOT BUTTE CAN/46TH ST	0 Substandard	Timb Bridge Railing	Region 4	10	Deschutes	UNKNOWN		1 Highway	17C10 B29 00134 17C15AB46 00122	SITV Category 2	44.21575
101 17C18	North Unit Canal, NE Wilcox Ave	NE WILCOX AVE	NORTH UNIT CANAL	0 Substandard	Metal Bridge Railing	Region 4	10	Deschutes	UNKNOWN		1 Highway	17C18 C23 00300	SHV Category 2	44.3561305
104 17C30	COI Canal, Gribbling Rd	GRIBBLING ROAD	COLCANAL	0 Substandard	Metal Bridge Railing	Region 4	10	Deschutes	UNKNOWN		1 Highway	17C30 035 00100		44.0347996
105 17C32	North Unit Main Canal, Hamehook Rd	HAMEHOOK ROAD	NORTH UNIT MAIN CANAL D LITTLE DESCHUTES RIVER	Substandard     Substandard	Metal Bridge Railing	Region 4	10	Deschutes	UNKNOWN		1 Highway	17C32 D57 00100	SUN/Cata-and 2	44.105
106 17C34 107 17C35	Little Deschutes River, Dorrance Meadow Arnold Irrigation Canal, Baker Rd	BAKER ROAD	ARNOLD IRR. CANAL	0 Substandard 0 Substandard	Re Conc Bridge Railing Metal Bridge Railing	Region 4 Region 4	11 10	Deschutes Deschutes	UNKNOWN		1 Highway 1 Highway	17C34 E14 00225 17C35 E19 00100	SHV Category 2 SHV Category 2	43.6726493 43.9941996
108 17C37	Deschutes River, Twin Bridge Rd	TWIN BR RD	DESCHUTES RV	N N/A or not required	Metal Bridge Railing	Region 4	10	Deschutes	UNKNOWN		1 Highway	17C37 B33200050		44.1819882
110 17C540	Small Boat Canal, Solar Dr	SOLAR DRIVE	SMALL BOAT CANAL	0 Substandard	Metal Bridge Railing	Region 4	11	Deschutes	UNKNOWN	06	1 Highway		SHV Category 2	43.8369385
111 17C550	Cottonwood Rd over BNRR Tumalo Res Feed Canal, Seismore Rd	COTTONWOOD SEISMORE ROAD	B N R R O-XING	1 Meets Standards	Re Conc Bridge Railing	Region 4	10	Deschutes	UNKNOWN		1 Highway	17C550E15600190	SHV Category 2	43.8936691
113 17C570 115 17M001	North Unit Canal, Coyote Rd	COYOTE RD NG/BBRG	TUMALO RES FEED CANAL  1 NORTH UNIT CANAL	Substandard     Substandard	Metal Bridge Railing	Region 4 Region 4	10 10	Deschutes Deschutes	UNKNOWN		1 Highway 1 Highway	17C5700A0900025 17M001000000000	SHV Category 1	44.1366191 44.2499218
116 18001	Fall River, Fall River Rd	FALL RIVER ROAD	FALL RIVER	0 Substandard	Timb Bridge Railing	Region 4	11	Deschutes	UNKNOWN		1 Highway		SHV Category 1	43.7959385
121 18208	Deschutes Market Rd over Hwy 4	DESCHUTE MKT INTO		1 Meets Standards	Metal Bridge Railing	Region 4	10	Deschutes	UNKNOWN		1 Highway	18208 004 13028		44.1576111
122 18283	Cline Falls Rd over Hwy 15	CLINE FALLS HWY	OR 126 (HWY 015)	1 Meets Standards	Metal Bridge Railing	Region 4	10	Deschutes	UNKNOWN		1 Highway	18283 015 10740		44.2754993
123 18299 125 18493	Pilot Butte Canal, Tumalo Rd 97 Overpass Deschutes Market Rd over Pumice Rd	TUMALO ROAD Deschutes Market	PILOT BUTTE CANAL PUMICE ROAD	1 Meets Standards 1 Meets Standards	Metal Bridge Railing Metal Bridge Railing	Region 4 Region 4	10 10	Deschutes Deschutes	UNKNOWN		1 Highway 1 Highway	18299 000 00000 18493 000 00000	SHV Category 2 SHV Category 2	44.1597611 44.1563333
126 18494	Deschutes Market Rd over BNRR	Deschutes Market	BNRR	1 Meets Standards	Re Conc Bridge Railing	Region 4	10	Deschutes	UNKNOWN		1 Highway	18494 000 00000	SHV Category 2	44.1557083
145 19962	Hwy 4 over BNSF (Terrebonne)	US 97 HWY 004	BNSF	1 Meets Standards			10	Deschutes	UNKNOWN		1 Highway		SHV Category 2	44.3784382
147 20206	South Century Bridge (NB)	US 97 (HWY 004) NB	S. CENTURY DR.	1 Meets Standards	Re Conc Bridge Railing	Region 4	10	Deschutes	UNKNOWN	R4	1 Highway	20206 004 15305		43.8695382
148 20207 149 20334	SOUTH CENTURY BRIDGE (SB)	US 97 (HWY 004) SB	S. CENTURY DRIVE	1 Meets Standards	Re Conc Bridge Railing	Region 4	10 10	Deschutes Deschutes	UNKNOWN	R4 06	1 Highway	20207 004 15308 2033400000000000		43.8696993
157 20552	COI Canal-Lateral F, NW Galloway Ave HWY 004 NB OXING Cottonwood Rd Con.	NW GALLOWAY AVE at MP 151.30 US 97 (HWY 004) NB	COI CANAL-LATERAL F COTTONWOOD RD	Substandard     Meets Standards	Metal Bridge Railing Re Conc Bridge Railing	Region 4 Region 4	10	Deschutes			1 Highway 1 Highway	20552 004 15130		44.3268798 43.8893
162 20783	OREGON WATER WONDERLAND, WOO		OREGON WATER WONDERLAND	0 Substandard	Metal Bridge Railing	Region 4	11	Deschutes			1 Highway		SHV Category 2	43.8309604
163 21014	HWY 004 SB OXING (Wildlife Passage) at	MP 152.00 US 97 (HWY 004)	Wildlife Passage	1 Meets Standards	Re Conc Bridge Railing	Region 4	10	Deschutes	UNKNOWN	R4	1 Highway	21014 004 15200		43.8821
164 21015	HWY 004 SB OXING Cottonwood Road at		Cottonwood Road	1 Meets Standards	Re Conc Bridge Railing	Region 4	10	Deschutes	UNKNOWN		1 Highway	21015 004 14955		43.9076
165 21016 166 21017	HWY 004 NB OXING Cottonwood Road at HWY 004 NB OXING (Wildlife Passage) at		Cottonwood Road Wildlife Passage	1 Meets Standards 1 Meets Standards	Re Conc Bridge Railing	Region 4 Region 4	10 10	Deschutes Deschutes	UNKNOWN		1 Highway 1 Highway	21016 004 14956 21017 004 15200		43.9074 43.8817
168 21702	Hwy 372, Multi-Use Trail	Hwy 372	Multi Use Trail	1 Meets Standards	Re Conc Bridge Railing	Region 4	10	Deschutes	UNKNOWN		1 Highway	21702 372 00748		43.9969607
169 21706	Foot Bridge Crooked River at Smith Rock S	State Park Foot Bridge	Crooked River	N N/A or not required	Timb Bridge Railing	Region 4	10	Deschutes	UNKNOWN	R4	3 Pedestrian-bicyle	21706 000 00000		44.3678687
170 21825	Pilot Butte Canal, Hwy 4 at MP 129.72	US 97 (HWY 004)	PILOT BUTTE CANAL	N N/A or not required	M	Region 4	10	Deschutes			1 Highway	21825 004 12972		44.1659694
174 22384 176 22450	Deschutes River, Tetherow Rd	TETHEROW ROAD HWY 372	DESCHUTES RIVER Rimrock Trail	1 Meets Standards	Metal Bridge Railing	Region 4	10 10	Deschutes	UNKNOWN		1 Highway	22384 C74 00100 22450 372 00514		44.31222222 44.01951111
178 23100	Haul Trail Undercrossing Fall Cr_Cascade Lake Hwy_44.030112/12		FALL CREEK @SPARKS	N N/A or not required 1 Meets Standards	Metal Bridge Railing	Region 4 Region 4	10	Deschutes Deschutes			1 Highway 1 Highway	231000410702557		44.03011111
184 23905	Soda Cr_Cascade Lakes Hwy_44.02602/1		Soda Creek	1 Meets Standards	Metal Bridge Railing	Region 4	10	Deschutes	UNKNOWN		1 Highway	23905 000 02510		44.02601944
185 23906	cl_Goose Cr_Cascade Lakes Hwy_44.032		Goose Creek	N N/A or not required	- •	Region 4	10	Deschutes	UNKNOWN		1 Highway	23906 000 02610		44.03274722

3 01135A Amold Dech, Hey 4 at MP 19.8 37	### GIS PRC_DT  ### 81/2/2001 ### 81/2/2001 ### 81/2/2001 ### 81/2/2002 #### 81/2/2002 ##### 81/2/2002 #### 81/2/2002 #### 81/2/2002 #### 81/2/2002 ##### 81/2/2002 ##### 81/2/2002 ##### 81/2/2002 ######## 81/2/2002 ################################
4 01421A Comma Corgon Camel, Hay 7 US 20 (HWY 007) 1 SET FRAC. PRESON CAMAL . 121.1530811 007 00700100500 18.3 27.000 17.0000 17.000 17.000 17	8/12/2020 8/12/2020
6 01672A httpssinon Disch, Hwy 4 at MP 128 64 US 97 (HWY 004) REPREATION DITCH 121.267774 004 000000000000 128.04 220 000000000000 120 0000000000 120 00000000	8/12/2020 8/12/2020
7 01673A httpsinon Disch, Hwy 4 at MP 120.50 US 97 (HWY 004) REPREATION DTICH - 121.240905 004 00000000000 123.15 200.00 101676A 1 10167	8/12/2020 8/12/2020
8 016748   briginco Disc., Hwy 4 at MP 129.45   US 97 (HWY 004)   SNALEY CANAL	8/12/2020 8/12/2020
9 01676A Swelley Canal, Hwy 4 at MP 132 16 US 97 (HWY 00) 10 02726 Ochoo Nomb (Man Canal, Hwy 4 at MP 118 02 US 97 (HWY 00) 10 US 97 (HWY 01) 10 US 97 (HWY	8/12/2020 8/12/2020
10 02796	8/12/2020 8/12/2020
12 03387A Pallina Creek, Hwy 4 US 97 (HWY 004) PAULINA CREEK 121 4822972 004 00000000000 1 62 02 2000 1 10 03374 Trout Creek, Hwy 15 OR 126 (HWY 015) TOT CREEK 121 685838 015 001500100500 1 07 62 2000 1 10 03374 Deschutes River, Hwy 15 OR 126 (HWY 015) DESCHUTES RIVER 121 68582 015 001500100500 1 07 62 2000 1 10 03374 Deschutes River, Hwy 15 OR 126 (HWY 015) DESCHUTES RIVER 121 68502 7 10 01500100500 1 07 62 2000 1 10 03370 1 10 03390 PRIVER RIVER 121 68502 7 10 01500100500 0 10 7 62 2000 1 10 03300 PRIVER RIVER 121 68502 7 10 03700100500 0 10 03 0000 1 10 00000 1 10 0000 1 10 0000 1 10 0000 1 10 0000 1 10 0000 1 10 0000 1 10 0000 1 10 0000 1 10 0000 1 10 0000 1 10 0000 1 10 0000 1 10 0000 1 10 0000 1 10 0000 1 10 0000 1 10 0000 1 10 0000 1 10 00000 1 10 00000 1 10 0000 1 10 0000 1 10 0000 1 10 0000 1 10 0000 1 10 0000 1 10 0000 1 10 0000 1 10 0000 1 10 0000 1 10 0000 1 10 0000 1 10 0000 1 10 0000 1 10 0000 1 10 0000 1 10 0000 1 10 0000 1 10 000000	8/12/2020 8/12/2020
19 03372A Tout Creek, Hay 15	8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020
16.0337A   Deschutes River, Inly 15   OR 126 (HWY 016)   DESCHUTES RIVER   -121.21865 015 00150100500   95.0 220	8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020
16 03378   Deschulse River, O B Rilley Rid   17 0379   Pilot Butte Canal, Hay 370   HVY 370	8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020
17 03379   Pilot Butte Canal, Hwy 370   HWY 370   PILOT BUTTE CANAL   -121 1672149 370   037000100500   0.21 2020   0.00000000000   0.00 2020   0.0000000000	8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020
18 03380	8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020
19.03383A   Deschutes River, Tumido Market Rid   TUMALO MARKET RD   DESCHUTES RIVER   -121.5289789 004   000000000000 0 1.65 2020   20.08183   Little Deschutes River, Lapine State Park Rd   GONEY RD   GONEY RD   COLIMAN CANAL   -121.632893 31501   000000000000 1 .05 2020   20.08181   COLIMAN CANAL   -121.033281 31501   000000000000 1 .05 2020   20.08181   COLIMAN CANAL   -121.033281 31501   000000000000 1 .05 2020   20.08181   COLIMAN CANAL   -121.033281 31501   000000000000 1 .05 2020   20.08181   COLIMAN CANAL   -121.033281 31501   000000000000 1 .05 2020   20.08181   COLIMAN CANAL   -121.033281 31501   000000000000 1 .05 2020   20.08181   COLIMAN CANAL   -121.033281 31501   000000000000 1 .05 2020   20.08181   COLIMAN CANAL   -121.033281 31501   0000000000000 1 .05 2020   20.08181   COLIMAN CANAL   -121.033281 31501   000000000000 1 .05 2020   20.08181   COLIMAN CANAL   -121.033281 31501   0000000000000 1 .05 2020   20.08181   COLIMAN CANAL   -121.033281 31501   0000000000000 1 .05 2020   20.08181   COLIMAN CANAL   -121.033281 31501   0000000000000 1 .05 2020   20.08181   COLIMAN CANAL   -121.033281 31501   0000000000000 1 .05 2020   20.08181   COLIMAN CANAL   -121.033281 31501   0000000000000   20.08181   COLIMAN CANAL   -121.033281 31502   00000000000000   20.08181   COLIMAN CANAL   -121.033281 31502   0000000000000   22.08181   COLIMAN CANAL   -121.033281 31502   00000000000000   22.08181   COLIMAN CANAL   -121.033283 31502   0000000000000   22.08181   COLIMAN CANAL   -121.033283 31502   00000000000000   22.08181   COLIMAN CANAL   -121.033283 31502   00000000000000   22.08181   COLIMAN CANAL   -121.033283 31502   00000000000000   22.08182   COLIMAN CANAL   -121.033283 31502   0000000000000	8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020
27 096438 Little Deschutes River, Lapine State Park Rd	8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020
29 09818 COI Main Carall, Gosney Rd WARD ROAD COI MAIN CANAL 1-21 (19389) 315501 00000000000 01.0 2020 31 09C04A Indian Ford Creek, Camp Polik Rd CAMP POLK ROAD DIAMA (1-21 (19389) 11501 00000000000 02.2 32 020 31 09C04A Indian Ford Creek, Camp Polik Rd CAMP POLK ROAD DIAMA (1-21 (19389) 11501 00000000000 02.2 32 020 33 09C125 COI Main Canal, Mariafia Market Rd CAMP POLK ROAD DIAMA (1-21 (1938) 11501 00000000000 02.2 3 020 33 09C125 COI Main Canal, Mariafia Market Rd ALFALFA MKT RD CAMP POLK ROAD DIAMA (1-21 (1937) 11501 00000000000 02.2 3 020 03 09C725 Deschutes River, Europeas Rd BURGESS RD BURGESS RD DESCHUTES RIVER (1-21 (1937) 11501 00000000000 02.2 3 020 03 09C725 Deschutes River, Europeas Rd BURGESS RD DESCHUTES RIVER (1-21 (1937) 100000000000 02.2 4 0000000000 02.2 4 0000000000	8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020
30 09819 COI Main Canal, Ward Rid CAMP POLK ROAD 31 09005A Indian Ford Creek, Camp Polk Rd CAMP POLK ROAD 32 09005A Whychus Creek, Camp Polk Rd CAMP POLK ROAD 33 09015 COI Main Canal, Allafla Markel Rd ALFALE MINT COI CREEK 412 1,5395891 116101 000000000000 2,23 2020 34 09036A Turnalo Creek, Shevlin Park Rd SHEVLIN PARK ROAD 38 090726 Cattlepass, Hwy 7 at MP 22 4.75 39 09020 Cattlepass, Hwy 7 at MP 22 4.75 40 000000000000 2,247 2020 40 0000000000000 2,247 2020 41 00000000000000 2,247 2020 42 15450A Deschutes River, Burges Rd SHEVLIN PARK ROAD 50 000000000000 2,247 2020 42 15450A Deschutes River, Lower Bridge Rd SHEVLIN PARK ROAD 50 00000000000000000000000000000000000	8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020
31 09C04A Indian Ford Creek, Camp Polk Rd CAMP POLK ROAD INDIAN FORD CREEK .121,5382691 116101 00000000000 2.22 2020 32 09C055 Villowing Creek, Camp Polk Rd CAMP POLK ROAD WHYCHUS CREEK CAMP POLK ROAD WHYCHUS CREEK CAMP POLK RD .211,5151688 116102 000000000000 2.22 2020 33 09C125 COI Main Canal, Alfalfa Market Rd ALFALFA MKT RD CAMP COLK RD .211,5151688 116102 0000000000000 2.22 2020 38 09C783 Deschutes River, Burgess Rd BURGESS RD BURGESS RD DESCHUTES RIVER .121,0367360 310301 000000000000 7.83 2020 40 0PO21 Cattlepass, Hwy 7 at MP 22.67 US 20 (HWY 007) CATTLEPASS .120,9367361 007 000000000000 25.04 2020 41 0PO22 Cattlepass, Hwy 7 at MP 25.05 US 20 (HWY 007) CATTLEPASS .120,9377691 007 000000000000 25.04 2020 41 0PO22 Cattlepass, Hwy 7 at MP 28.73 US 20 (HWY 007) CATTLEPASS .120,9377691 007 000000000000 25.04 2020 42 15450A Deschutes River, Lower Bridge Rd LOWER BRIDGE RD NEW LOWER BRIDGE RD SWITH ROCK ACAD NORTH LUTT CAMBRITH ROCK ADMINISTRACE .212,9347691 007 000000000000 2.34 2020 42 15450A Pilot Butte Canal, Deschutes Pleasant Ridge Rd LOWER BRIDGE RD NEW LOWER BRI	8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020
33 99C125 COI Main Canal, Alfalfa Market Rd	8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020
34 90C36A Turnalo Creek, Shevlin Park Rd SHEVLIN PARK ROAD DESCHUTES RIVER 121 3763104 310301 00000000000 2.8 3 2020 39 0P020 Cattlepass, Hwy 7 at MP 22.47 U.S 20 (HWY 007) CATTLEPASS 1-129,987891 007 000000000000 2.47 2020 41 0P022 Cattlepass, Hwy 7 at MP 22.55 U.S 20 (HWY 007) CATTLEPASS 1-20,99377891 007 000000000000 2.54 22020 41 0P022 Cattlepass, Hwy 7 at MP 26.53 U.S 20 (HWY 007) CATTLEPASS 1-120,987891 007 000000000000 2.54 22020 41 0P022 Cattlepass, Hwy 7 at MP 26.73 U.S 20 (HWY 007) CATTLEPASS 1-20,9377891 007 000000000000 2.54 22020 41 0P022 Cattlepass, Hwy 7 at MP 26.73 U.S 20 (HWY 007) CATTLEPASS 1-120,987891 007 000000000000 2.54 22020 41 0P022 Cattlepass, Hwy 7 at MP 26.73 U.S 20 (HWY 007) CATTLEPASS 1-120,987891 007 000000000000 2.54 22020 42 15450 Deschutes River, Event Bridge Rd U.S 20 (HWY 007) CATTLEPASS 1-120,987891 007 000000000000 2.54 22020 43 15452 North Unit Canal, Smith Rock Rd SMITH ROCK ROAD NORTH UNIT CANASMITHROCK 1-21,1450388 218403 000000000000 3.5 2020 46 160600 Three Creeks Canal, Three Creeks Rd THREE CREEKS ROAD THREE CREEKS ROAD THREE CREEKS CANAL 1-21,5469167 318101 000000000000 1.77 2020 46 160600 Three Creeks Canal, Three Creeks Rd THREE CREEKS ROAD THREE CREEKS CANAL 1-21,5469167 318101 000000000000 1.77 2020 48 16181 South Century Dr over BNRR SCHUTY PR USE CREEKS CANAL 1-21,5469167 318101 000000000000 1.77 2020 51 16460 Deschutes River, Master Rd William Schutz Rd Will	8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020
38 09C783   Deschutes River, Burgess Rd   BURGESS RD   DESCHUTES RIVER   -121 6088388 410902   000000000000   7.83 2020   40 0P021   Cattlepass, Hwy 7 at MP 25.05   U.S 20 (HWY 007)   CATTLEPASS   -120 9879919 007   000000000000   22.47 2020   41 0P022   Cattlepass, Hwy 7 at MP 26.73   U.S 20 (HWY 007)   CATTLEPASS   -120 9877991 007   000000000000   28.73 2020   42 15450A   Deschutes River, Lower Bridge Rd   LOWER BRIDGE RD   DESCHUTES RIVER   -121 2944885 217701   000000000000   3.8 2020   43 15454   North Unit Canal, Smith Rock Rd   LOWER BRIDGE RD   DESCHUTES RIVER   -121 159388 2184693   000000000000   3.5 2020   45 15454A   Pilot Butte Canal, Deschutes Pleasant Ridge Rd   PLEASANT RIDGE   PILOT BUTTE CANAL   -121 2596197 318101   000000000000   3.7 2020   47 16061   Little Deschutes River, South Century Dr   S CENTURY DR   LITTLE DESCHUTES RIVER   -121 4301104 411201   000000000000   3.2 2020   48 16181   South Century Dr over BNRR   S CENTURY DR   LITTLE DESCHUTES RIVER   -121 4301104 411201   000000000000   3.2 2020   48 16184   Deschutes River, Twin Bridge Rd   TIVIN BR RD   DESCHUTES RIVER   -121 4301104 411201   000000000000   3.2 2020   53 1659   Robert D. Maxwell Veterans Memorial Bridge   So. Century Dr. DESCHUTES RIVER   -121 51515894 400001   00000000000   3.2 2020   59 16860   Poulina Canal, Walker Rd   DODDS ROAD   COI CANAL   -121 698582 319101   00000000000   3.2 2020   56 16220   Huly 372 vover Show Trail   None   HWY372   -121 6383 372   037200100500   12.2 2020   66 17224   sn. Hwy 372 W. RS. MP32.8   None   HWY372   -121 6383 372   037200100500   12.8 2020   67 1224   sn. Hwy 372 W. RS. MP32.8   None   HWY372   -121 6328 372   037200100500   12.8 2020   67 1224   sn. Hwy 372 W. RS. MP32.8   None   HWY372   -121 6328 372   037200100500   12.9 2020   12.0 200	8/12/2020 8/12/2020 8/12/2020 8/12/2020
99 0P020 Cattlepass, hwy 7 at MP 22.47 US 20 (HWY 007) CATTLEPASS -120,9853913 007 00000000000 22.47 2020 41 0P021 Cattlepass, hwy 7 at MP 26.50 US 20 (HWY 007) CATTLEPASS -120,937691 007 00000000000 22.87 3 2020 41 0P022 Cattlepass, hwy 7 at MP 28.73 US 20 (HWY 007) CATTLEPASS -120,8621472 007 000000000000 28.73 2020 42.15450A Deschutes River, Lower Bridge Rd LOWER BRIDGE RD OSCHUTES RIVER -121,2949855 217701 000000000000 3.5 2020 43 15452 North Unit Canal, Smith Rock Rd SMTH ROCK ROAD NORTH UNIT CAN/SMITHROCK -121,1150388 218403 00000000000 3.5 2020 45 15454A Piot Butte Canal, Deschutes Pleasan Ridge Rd PLEASANT RIDGE TOT BUTTE CANAL -121,569867 318101 000000000000 2.77 2020 46 16060 Three Creeks Canal, Three Creeks Rd THREE CREEKS ROAD THREE CREEKS CANAL -121,549285 111002 000000000000 2.77 2020 48 16181 South Century Dr over BNRR S CENTURY DR UNITED ESCHUTES RIVER -121,4513141402 000000000000 2.77 2020 516479 Deschutes River, Smith Bridge Rd TWIN BR RD DESCHUTES RYVIR BR -121,4513141401 000000000000 1.3 2020 516490 Deschutes River, Sheep Ln MOUNTAIN SHEEP LN DESCHUTES RIVER -121,3174439 114001 000000000000 1.3 2020 516490 Lebschutes River, Sheep Ln MOUNTAIN SHEEP LN DESCHUTES RIVER -121,5191607 414001 000000000000 1.1 2020 516490 Lebschutes River, Sheep Ln MOUNTAIN SHEEP LN DESCHUTES RIVER -121,5191607 414001 000000000000 3.8 5200 516490 COLORAL -121,0458680 24 11203 00000000000 3.8 5200 516490 COLORAL -121,0458680 24 11203 000000000000 3.8 5200 516490 COLORAL -121,0458680 24 11203 00000000000 3	8/12/2020 8/12/2020 8/12/2020
41 0P022 Cattlepass, Hwy 7 at MP 28.73 US 20 (HWY 007) CATTLEPAS 1-120 8621472 007 00000000000 28.73 2020 21 15450A Deschutes River, Lower Bridge Rd LOWER RRIDGE RD DESCHUTES RIVER 1-121 2944886 217701 000000000000 3.3 2020 20 15 15454A Pilot Butte Canal, Deschutes River, School PLASANT RDGE PLASANT RDG	8/12/2020
42 15450A Deschutes River, Lower Bridge Rd SMITH ROCK ROAD NORTH UNIX CANALS, SNITH ROCK ROAD NORTH UNIX CANASIMITHANCE . 121.150388 218403 00000000000 6.34 2020 45 15454A Plot Butte Canal, Deschutes Pleasant Ridge Rd PLEASANT RIGGE PLOT BUTTE CANAL . 121.2569167 318101 000000000000 1.77 2020 47 16061 Little Deschutes River, South Century Dr S CENTURY DR SCENTURY	
43 15452 North Unit Canal, Smith Rock Rd 45 15454A Pilot Butte Canal, Deschutes Pleasant Ridge Rd 46 16060 Three Creeks Canal, Three Creeks Rd 47 16061 Little Deschutes River, South Century Dr 48 16181 South Century Dr over BNRR 5 CENTURY DR 48 16181 South Century Dr over BNRR 5 CENTURY DR 5 15 16479 Deschutes River, Twin Bridge Rd 7 HOND RATE PRODUCT OF STATE	
45 15454A Pilot Butte Canal, Deschutes Pleasant Ridge Rd 46 16600 Three Creeks Ganal, Three Creeks Rd THREE CREEKS ROMAL -121.569167 318101 000000000000 1.77 2020 47 16061 Little Deschutes River, South Century Dr 9 S CENTURY OR HEE CREEKS ROMAL -121.548285 111002 0000000000000 5.5 2020 51 164879 Deschutes River, South Century Dr 0 voer BNRR S CENTURY OR BURLINGTON N. R. 121.4513 411202 0000000000000 5.5 2020 51 164879 Deschutes River, Twin Bridge Rd TWIN BR RD DESCHUTES RIVER 121.51518101 41001 000000000000 1.3 2020 51 164879 Deschutes River, Sheep In MOUNTAIN SHEEP LN DESCHUTES RIVER 121.51518101 41001 000000000000 1.1 2020 51 16480 Deschutes River, Masten Rd MASTEN ROAD LITTLE DESCHUTES RIVER 121.51518101 41001 00000000000 1.1 2020 51 16497 Little Deschutes River, Masten Rd MASTEN ROAD LITTLE DESCHUTES RIVER 121.51518101 41001 00000000000 1.1 2020 51 16497 Little Deschutes River, Masten Rd MASTEN ROAD LITTLE DESCHUTES RIVER 121.51518101 41001 00000000000 1.1 2020 51 16490 COLC anal, Dodds Rd DODDS ROAD COLC Anal. 4 121.075882 319101 000000000000 3.38 2020 51 16490 COLC anal, Dodds Rd DODDS ROAD COLC Anal. 4 121.075882 319101 000000000000 3.38 2020 51 16490 COLC Anal. 50 16490 COLC Anal	8/12/2020
## 176061 Little Deschutes River, South Century Dr voer BNRR S. CENTURY OR BURLINGTON N. R. R1214/301104 411021 000000000000 5.6 2020 5.0 16479 Deschutes River, Twin Bridge Rd TWIN BR RD DESCHUTES RIVER 1.213.153804 400001 00000000000 1.1 2020 5.0 164879 Little Deschutes River, Twin Bridge Rd MASTEN ROAD DESCHUTES RIVER 1.215.153804 400001 000000000000 1.1 2020 5.0 16497 Little Deschutes River, Masten Rd MASTEN ROAD LITTLE DESCHUTES RIVER 1.215.153804 400001 000000000000 1.1 2020 5.0 16497 Little Deschutes River, Masten Rd MASTEN ROAD LITTLE DESCHUTES RIVER 1.215.15916107 410401 000000000000 1.3 2020 5.0 16497 Little Deschutes River Masten Rd DODDS ROAD COLCANAL -121.075882 319101 000000000000 3.39 2020 5.0 16499 Deschutes River -1214/988802 411203 000000000000 3.39 2020 5.0 16499 Deschutes River -1214/988802 411203 000000000000 3.39 2020 5.0 16499 Deschutes River -1214/988802 411203 000000000000 3.39 2020 5.0 16499 Deschutes River -1214/988802 411203 000000000000 3.39 2020 5.0 16499 Deschutes River -1214/988802 411203 000000000000 3.39 2020 5.0 16499 Deschutes River -1214/988802 411203 000000000000 3.39 2020 5.0 16499 Deschutes River -1214/988802 411203 000000000000 3.39 2020 5.0 16499 Deschutes River -1214/988802 411203 000000000000 3.39 2020 5.0 16499 Deschutes River -1214/988802 411203 000000000000 5.39 2020 5.0 16499 Deschutes River -1214/988802 411203 000000000000 5.39 2020 5.0 16499 Deschutes River, Bridge Dr River Bridg	8/12/2020
48 16181   South Century Dr. over BNRR   S. CENTURY OR BURLINGTON N. R.R   .121.4301104 411201   000000000000   1.3 2020	8/12/2020
50 16479   Deschutes River, Twin Bridge Rd   MOUNTAIN SHEED   DESCHUTES RVTWIN BR   -121.3174493   114001   000000000000   0.47   2020   52 16497   Little Deschutes River, Masten Rd   MOUNTAIN SHEED   DESCHUTES RIVER   -121.5153894 400001   000000000000   3.7   2020   52 16497   Little Deschutes River, Masten Rd   MASTEN ROAD   LITTLE DESCHUTES RIVER   -121.5153894 400001   000000000000   3.8   52020   38 16519   Robert D. Maxwell Veterans Memorial Bridge   So. Century Dr. Deschutes River   -121.498802 (41103   000000000000   3.8   52020   38 16804   COI Canal, Dodds Rd   DODDS ROAD   DODDS ROAD   DODDS ROAD   COI CANAL   -121.0759882 319101   000000000000   3.8   52020   COI CANAL   -121.0759882 319101   000000000000   2.22 2020   COI CANAL   -121.0759882 319101   000000000000   2.22 2020   COI CANAL   -121.0295 317701   000000000000   2.22 2020   COI CANAL   -121.0295 317701   0000000000000   2.25 2020   COI CANAL   -121.0295 317701   COI CANA	8/12/2020 8/12/2020
51 16480	8/12/2020
So   16519   Robert D. Maxwell Veterans Memorial Bridge   So   Century Dr.   Deschutes River   -121.4986802   411203   000000000000   8.05   2020   58 166840   Paulina Creek, Paulina Lake Rd   PAULINA LAKE RD   PAULINA CREEK   -121.4231493   418201   000000000000   2.82 2020   60 166860   COI (Main Canal, Walker Rd   PAULINA LAKE RD   PAULINA CREEK   -121.0295 317701   000000000000   6.75 2020   61 16712   HWY 004 SE D XING Cottonwood Rd Con at MP 151.30   US 97 (HWY 004) S D COI MAIN C. WALKER ROAD   COTTONWOOD RD   -121.3811571 004   0000400000000   0.27 2020   64 16933   Little Deschutes River, Bridge Dr   BRIDGE DRIVE SRD4   LITTLE DESCHUTES RIVER   -121.4864107   417501   000000000000   0.22 2020   66 17223   sn_Hwy 372_WE SS MP18.38   None   HWY372   -121.61288 372   037200100500   21.38 2020   67 17224   sn_Hwy 372_WE SS MP18.76   None   HWY372   -121.61288 372   037200100500   21.38 2020   68 17227   sn_Hwy 372_WE SS MP18.76   None   HWY372   -121.65259 372   037200100500   21.38 2020   69 17242   sn_Hwy 372_WE SS MP18.78   None   HWY372   -121.63251 372   037200100500   21.39 2020   69 17242   sn_Hwy 372_WE SS MP18.78   None   HWY372   -121.63251 372   037200100500   21.39 2020   71.7243   sn_Hwy 372_WE SS MP18.78   None   HWY372   -121.6331 372   037200100500   21.39 2020   71.7243   sn_Hwy 372_WE SS MP18.88   None   HWY372   -121.6331 372   037200100500   19.39 2020   71.7251   Backer Road over Hwy 4   BAKER ROAD   US 97 (HWY 004)   -121.3331 C0000   000000000000   10.2020   87 17437   Amold Ditch, Hwy 4 Conn   US 97 (HWY 004)   -121.3331 C0000   000000000000   0.27 2020   93 17002   Couch Lateral, Sisemore Rd   Sisemore Road   Sisemore Road   Sisemore Road   Sisemore Road   Sisemore Road   COUCh LATERAL   -121.2545191 4 110601   000000000000   0.57 2020   99 1700   Pilot Butte Imigation Canal, Voting Ave   VOUNG AVE   PILOT BUTTE IRR CANAL   -121.2545191 4 10000   000000000000   0.57 2020   99 1700   Pilot Butte Imigation Canal, Cuarry Ave   OUNGRY AVE   PILOT BUTTE IRR CANAL   -121.2545191 4 1000	8/12/2020
58 16604 COL Canal, Dodds Rd OCO Canal, Dodds Rd OCO CANAL - 121.0759882 319101 000000000000 3.88 2020 6168800 COL Main Canel, Wallian Lake Rd PAULINA LAKE RDAD COL Main Canel, Walker Rd WALKER ROAD COL MAIN CREK - 121.0295 317701 000000000000 15.75 2020 61 16712 HWY 004 SB OXING Cottonwood Rd Con at MP 151.30 US 97 (HWY 004) SB COTTONWOOD RD - 121.031571 004 000000000000 15.3 2020 61 17202 Hwy 372 over Show Trail HWY 372 SNOW TRAIL - 121.0305 372 037200100800 18.28 2020 61 17223 sn _ Hwy 372_WB_SS MP18.76 None HWY 372 - 121.61288 372 037200100800 12.38 2020 61 17224 sn _ Hwy 372_WB_SS MP18.76 None HWY 372 - 121.61331 372 037200100800 18.28 2020 61 17242 sn _ Hwy 372_WB_SS MP18.78 None HWY 372 - 121.63295 372 037200100800 18.76 2020 61 17242 sn _ Hwy 372_EB_SS_MP18.88 None HWY 372 - 121.63295 372 037200100800 19.39 2020 70 17243 sn _ Hwy 372_EB_SS_MP18.88 None HWY 372 - 121.63296 372 037200100800 19.39 2020 71 17251 Deschutes River, Hwy 17 US 20 (HWY 017) DESCHUTES RIVER - 121.3335 C0000 000000000000 10.88 2020 81 17437 Amold Ditch, Hwy 4 Conn US 97 (HWY 004) CO ARNOLD IRR CANAL - 121.3335 C0000 00000000000 0.0 2020 81 17602 Couch Lateral, Sisemore Rd SPRR ROAD GIFT ROAD L- 121.23511 10001 00000000000 0.0 20 20 91 1700 Pilot Butte Irrigation Canal, Young Ave YOUNG AVE PILOT BUTTE IRR CANAL - 121.235191 21001 00000000000 0.0 5.2020 99 17C00 Pilot Butte Irrigation Canal, Cutarry Ave PILOT BUTTE IRR CANAL - 121.235191 21001 00000000000 0.0 1.54 2020 99 17C00 Pilot Butte Irrigation Canal, Cutarry Ave PILOT BUTTE IRR CANAL - 121.235191 21001 00000000000 0.0 1.54 2020 99 17C00 Pilot Butte Irrigation Canal, Cutarry Ave PILOT BUTTE IRR CANAL - 121.235191 21001 00000000000 0.0 1.54 2020 99 17C00 Pilot Butte Irrigation Canal, Cutarry Ave PILOT BUTTE IRR CANAL - 121.235191 21001 00000	8/12/2020
59 166840   Paulina Creek, Paulina Lake Rd   PAULINA LAKE RD   PAULINA CREEK   121.4231493 418201   000000000000   2.82 2020   61 16712   HWY 004 SB OXING Cottonwood Rd Con at MP 151.30   US 97 (HWY 004) SB COTTONWOOD RD   -121.3811571 004   000000000000   151.3 2020   161 16712   HWY 004 SB OXING Cottonwood Rd Con at MP 151.30   US 97 (HWY 004) SB COTTONWOOD RD   -121.3811571 004   000000000000   151.3 2020   151.3	8/12/2020
60 166880 COI Main Canal, Walker Rd WALKER ROAD C O I MAIN C. WALKER 1.21 (295 317701 00000000000 6,75 2020 61 16712 HWY 004 SB DXING Cottonwood Rd Con at MP 151.30 U.S 97 (HWY 004) COTTONWOOD RD 1.21 3311571 004 000400100000 151.3 2020 61 16933 Little Deschutes River, Bridge Dr BRIDGE DRIVE SRD4 LITTLE DESCHUTES RIVER 1.21 4864107 417501 000000000000 0.22 2020 65 17222 sn_Hwy 372 U.S SM PM 21.38 None HWY 372 1.21 61288 372 0372001100500 18.78 2020 67 17224 sn_Hwy 372 U.S SM PM 21.38 None HWY 372 1.21 61328 372 0372001100500 18.76 2020 68 17227 sn_Hwy 372 U.S SM PM 29.91 None HWY 372 1.21 63295 372 0372001100500 18.76 2020 69 17242 sn_Hwy 372 U.S SM PM 29.91 None HWY 372 1.21 63295 372 0372001100500 19.39 2020 70 17243 sn_Hwy 372 U.S SM PM 29.88 None HWY 372 1.21 63295 372 0372001100500 19.39 2020 70 17243 sn_Hwy 372 U.S SM PM 29.88 None HWY 372 1.21 63295 372 0372001100500 19.39 2020 70 17243 sn_Hwy 372 U.S SM PM 29.88 None HWY 372 1.21 63295 372 0372001100500 19.39 2020 71 17251 Deschutes River, Hwy 17 U.S 20 (HWY 017) DESCHUTES RIVER 1.21 3237604 017 001700100500 15.88 2020 71 17251 Deschutes River, Hwy 17 U.S 20 (HWY 017) DESCHUTES RIVER 1.21 3335 C0000 00000000000 10 2020 203 1200 203	8/12/2020 8/12/2020
61 16712 HWY 004 SB DXING Cottonwood Rd Con at MP 151.30 US 97 (HWY 004) SB COTTONWOOD RD -121.3811571 004 000400100500 151.3 2020 65 17202 Hwy 372 over Snow Trail HWY 372 SNOW TRAIL -121.68258 372 037200100500 18.28 2020 66 17223 sn_Hwy 372_WB_NS_MP21.38 None HWY 372 -121.61288 372 037200100500 21.38 2020 66 17224 sn_Hwy 372_WB_NS_MP21.38 None HWY 372 -121.61288 372 037200100500 21.38 2020 66 17227 sn_Hwy 372_WB_NS_MP21.39 None HWY 372 -121.61288 372 037200100500 21.38 2020 66 17227 sn_Hwy 372_WB_NS_MP20.91 None HWY 372 -121.65295 372 037200100500 20.91 2020 69 17242 sn_Hwy 372_WB_NS_MP20.91 None HWY 372 -121.65295 372 037200100500 20.91 2020 70 17243 sn_Hwy 372_EB_SS_MP18.88 None HWY 372 -121.65295 372 037200100500 19.39 2020 71 17251 Deschutes River, Hwy 17 US 20 (HWY 017) DESCHUTES RVER -121.327604 017 001700100500 15.09 2020 87 17247 Amold Ditch, Hwy 4 Conn US 97 (HWY 004) -121.3351 C0000 00000000000 0 20.22 2020 87 17437 Amold Ditch, Hwy 4 Conn US 97 (HWY 004) -121.3351 C0000 000000000000 0 0 2020 97 17005 Couch Lateral, Sisemore Road Sisemore Road CUCU LATERAL -121.451694 110601 000000000000 0 0 0 57 2020 99 17005 Ditch Butte Inrigation Canal, Cyang Ave YOUNG AVE PILOT BUTTE IRR CANAL -121.23516 10001 000000000000 0 0 5.5 2020 99 1700 Pilot Butte Inrigation Canal, Cyang Ave YOUNG AVE PILOT BUTTE IRR CANAL -121.235191 21001 000000000000 1.55 2020 99 1700 Pilot Butte Inrigation Canal, Cyang Ave QUARRY AVE PILOT BUTTE IRR CANAL -121.235191 21001 000000000000 1.55 2020 99 1700 Pilot Butte Inrigation Canal, Cyang Ave PILOT BUTTE IRR CANAL -121.235191 21001 000000000000 1.55 2020 99 1700 Pilot Butte Inrigation Canal, Cyang Ave PILOT BUTTE IRR CANAL -121.235191 21001 000000000000 1.55 2020 99 1700 Pilot Butte Inrigation Canal, Cyang Ave PILOT BUTTE IRR CANAL -121.235191 21001 000000000000 1.55 2020 99 1700 Pilot Butte Inrigation Canal, Cyang Ave PILOT BUTTE IRR CANAL -121.235191 21001 000000000000 1.55 2020 99 1700 Pilot Butte Minrigation Canal, Cyang Ave PILOT BUTTE IRR CANAL -121.235191 210001 000000000000 1.	8/12/2020
65 17202	8/12/2020
66 17223         sn. Hwy 372 WB. SS. MP21.38         None         HWY372         -121.61288 372         037200100500         21.38 2006           67 17224         sn. Hwy 372 WB. SS. MP21.76         None         HWY372         -121.65295 372         037200100500         22.91 2020           68 17227         sn. Hwy 372 WB. NS_MP20.91         None         HWY372         -121.65295 372         037200100500         29.91 2020           69 17242         sn. Hwy 372 EB. SS_MP19.39         None         HWY372         -121.65295 372         037200100500         19.93 2020           70 17243         sn. Hwy 372 EB. SS_MP18.88         None         HWY372         -121.67331 372         037200100500         19.93 2020           71 17251         Deschutes River, Hwy 17         US 20 (HWY 017)         DESCHUTES RWER         -121.33277604 017         001700100500         15.99 2020           87 17437         Amold Ditch, Hwy 4 Conn         US 97 (HWY 004)         -121.3335 (0000         000000000000         0         2020           88 17923         Deschutes River, Spring River Rd         SPRING RIVER ROAD         4RNOLD IRC CANAL         -121.3338 (0000         000400100500         143.27 2020           81 17602         Couch Lateral, Sisemore Rd         Sisemore Road         DESCHUTES RIVER         -121.451114 41901         0000	8/12/2020
67 17224 sn_Hwy 372_WB_SS_MP18.76 None HWY372 -121.65295 372 037200100S00 18.76 2020 68 17227 sn_Hwy 372_WB_SS_MP19.91 None HWY372 -121.65295 372 037200100S00 19.37 2020 69 17242 sn_Hwy 372_EB_SS_MP19.39 None HWY372 -121.65295 372 037200100S00 19.38 2020 70 17243 sn_Hwy 372_EB_SS_MP18.88 None HWY372 -121.65219 372 037200100S00 19.39 2020 71 17251 Deschutes River, Hwy 172 EB_SS_MP18.88 None HWY372 -121.61331 372 037200100S00 19.39 2020 71 17251 Deschutes River, Hwy 174 US 20 (HWY 017) DESCHUTES RIVER 121.3277604 017 001700100S00 15.09 2020 71 17251 Deschutes River, Hwy 174 US 20 (HWY 017) DESCHUTES RIVER 121.3351 C0000 00000000000 0 0 2020 71 17251 Deschutes River, Hwy 174 US 20 (HWY 04) CO ARNOLD RIVE CANAL 121.3351 C0000 000400100S00 15.09 2020 71 17251 Deschutes River, Spring River Rd SPRING RIVER ROAD DESCHUTES RIVER 121.4521111 419201 000000000000 0 0 0 77 2020 71 1720 Couch Lateral, Steenore Rd Sisemore Road GIFT ROAD GIFT ROAD HIS RIVER 121.4529111 419201 000000000000 0 0 6.77 2020 71 17207 Pilot Butte Irrigation Ganal, Young Ave YOUNG AVE PILOT BUTTE IRR CANAL 121.2537194 210601 000000000000 0 5.2020 79 17200 Pilot Butte Irrigation Ganal, Width St SW 615T STREET HAIN CANAL 121.2345191 210701 000000000000 1.55 2020 71.50 2020 71	8/12/2020 8/12/2020
69 17242 sn_ Hwy 372_EB_SS_MP19.39 None HWY372 -121.62519_372 037200100500 19.39_2020 70 17243 sn_ Hwy 372_EB_SS_MP18.88 None HWY372 -121.61331_372 037200100500 18.88_2020 71 17251 Deschutes River, Hwy 17 US 20 (HWY 017) DESCHUTES RIVER -121.3277604_017 001700100500 15.09_2020 73_17281 Baker Road over Hwy 4 BAKER ROAD US 97_(HWY 004) -121.3351_C0000 000000000000 0_2_2020 87_17437 Arnold Ditch, Hwy 4 Conn US 97_(HWY 004) CO ARNOLD IRR CANAL -121.3351_C0000 000000000000 12_2020 87_17437 Deschutes River, Spring River Rd SPRING RIVER ROAD US 97_(HWY 004) CO ARNOLD IRR CANAL -121.43511_1419201 000000000000 1.52_2020 98_17502 Couch Latteral, Sisemore Rd Sisemore Road COUCH LATERAL -121.4151894_110601 000000000000 0.57_2020 98_17507 Pilot Butte Irrigation Ganal, Young Ave YOUNG AVE PILOT BUTTE IRR CANAL -121.2537194_210601 000000000000 0.5_2020 98_17500 Pilot Butte Irrigation Ganal, Wotins St SW 61ST STREET RAINAL -121.2451911_210701 000000000000 0.5_2020 98_17501 Pilot Butte Minglation Ganal, Width St SW 61ST STREET RAINAL -121.2451911_210701 000000000000 0.5_2020	8/12/2020
70 17243 sn_Hwy 372_EB_SS_MP18.88 None HWY372 -121.61331 372 037200100500 18.88 2000 71 17251 Deschutes River, Hwy 17 US 20 (HWY 017) DESCHUTES RVER -121.3277604 017 001700100500 15.09 2020 72 17281 Baker Road over Hwy 4 BAKER ROAD US 97 (HWY 004) -121.3351 C0000 000000000000 10.00000000000 10.00000000	8/12/2020
71 17251 Deschutes River, Hwy 17 US 20 (HWY 017) DESCHUTES RIVER - 121.3277604 017 01700100S00 15.09 2020 17281 Baker Road over Hwy 4 BAKER ROAD US 97 (HWY 004) - 121.3351 C0000 000000000000 0 20200 187 17437 Amold Ditch, Hwy 4 Con US 97 (HWY 004) CO ARNOLD IRR CANAL - 121.3338 C0000 004040100S00 143.27 2020 187 17437 Deschutes River, Spring River Rd SPRING RIVER ROAD DESCHUTES RIVER - 121.4521111 419201 000000000000 0.57 2020 193 17C02 Couch Lateral, Sisemore Rdd Sisemore Road GiFT ROAD GIFT ROAD GIFT ROAD 191 1700 COL Canal, GiFT ROAD GIFT ROAD GIFT ROAD 191 1700 EVENTUAL - 121.2531194 210501 00000000000 0.5 2020 191 1700 Pilot Butte Irrigation Canal, Young Ave YOUNG AVE PILOT BUTTE IRR CANAL - 121.2540194 210501 00000000000 0.5 2020 199 17C09 Pilot Butte Migration Canal, Custry Ave QUARRY AVE PILOT BUTTE IRR CANAL - 121.235191 210701 000000000000 0.5 2020 1.54 2020 199 17C01 Pilot Butte Migration Canal, SW 61st St SW 61st STREET PILOT BUTTE IRR CANAL - 121.235191 210701 000000000000 0.5 2020 1.54 2020 1.54 2020 1.55 2	8/12/2020 8/12/2020
73 17281	8/12/2020
88 17923         Deschutes River, Spring River Rd         SPRING RIVER ROAD         DESCHUTES RIVER         -121.4521111 419201         00000000000         0.57 2020           93 17C02         Couch Lateral, Sisemore Rd         Sisemore Road         COUCH LATERAL         -121.4151694 110601         00000000000         0.57 2020           96 17C06         COI Canal, Gift Rd         GIFT ROAD         GIFT ROIC O I CANAL         -121.2537194 210601         000000000000         0.5 2020           97 17C07         Pilot Butte Irrigation Canal, Young Ave         YOUNG AVE         PILOT BUTTE IRR CANAL         -121.2540194 210601         00000000000         0.5 2020           98 17C09         Pilot Butte Irrigation Canal, Quarry Ave         QUARRY AVE         PILOT BUTTE IRR CANAL         -121.238187 211301         000000000000         0.5 2020           99 17C10         Pilot Butte Main Canal, SW 61st St         SW 61st St STREET         PILOT BUTTE MAIN CANAL         -121.238191 210701         000000000000         1.54 2020	8/12/2020
93 17C02 Couch Lateral, Sisemore Rd Sisemore Road COUCH LATERAL -121.4151694 110601 00000000000 0.7.7 2020 96 17C06 COI Canal, Giff Rd Giff ROAD Giff ROAD - Giff RD/CO I CANAL -121.2537194 210601 00000000000 0.5. 2020 97 17C07 Pilot Butte Irrigation Canal, Young Ave YOUNG AVE PILOT BUTTE IRR CANAL -121.2540194 210601 00000000000 0.5. 2020 99 17C09 Pilot Butte Irrigation Canal, Quarry Ave QUARRY AVE PILOT BUTTE IRR CANAL -121.2329187 217301 000000000000 0.5. 2020 99 17C01 Pilot Butte Main Canal, SW 61st St SW 61st STREET PILOT BUTTE IRR CANAL -121.2329187 217001 000000000000 1.5.5 2020	8/12/2020
96 17C06 COI Canal, Gift Rd GIFT ROAD GIFT ROAD 121.2537194 210501 00000000000 0.5 2020 97 17C07 Pilot Butte Irrigation Canal, Young Ave YOUNG AVE PILOT BUTTE IRR CANAL - 121.2540194 210601 000000000000 0.5 2020 98 17C09 Pilot Butte Irrigation Canal, Quarry Ave QUARRY AVE PILOT BUTTE IRR CANAL - 121.238187 211301 00000000000 0.5 2020 0.5 2	8/12/2020 8/12/2020
97 17C07 Pilot Butte trigation Canal, Young Ave YOUNG AVE PILOT BUTTE IRR CANAL -121.2540194 210601 00000000000 0.5 2020 98 17C09 Pilot Butte Irrigation Canal, Quarry Ave QUARRY AVE PILOT BUTTE IRR CANAL -121.2328187 211301 00000000000 0.5 2020 99 17C10 Pilot Butte Main Canal, SW 61st St SW 61st STREET PILOT BUTTE MAIN CANAL -121.2435191 210701 000000000000 1.54 2020	8/12/2020
99 17C10 Pilot Butte Main Canal, SW 61st St SW 61st STREET PILOT BUTTE MAIN CANAL -121.2435191 210701 00000000000 1.54 2020	8/12/2020
	8/12/2020
	8/12/2020
100 17C15A         Pilot Butte Canyon, 46th St         46TH ST-PHILL         PILOT BUTTE CAN/46TH ST         -121.2232493 215301         00000000000         0.5 2020           101 17C18         Noth Uhit Canal, NE Wilcox Ave         NE WILCOX AVE         NORTH UNIT CANAL         -121.1184382 217102         000000000000         2.5 2020	8/12/2020 8/12/2020
104 17C30 COI Canal, Gribbling Rd GRIBBLING ROAD COI CANAL -121.1736798 318401 0000000000 1 2020	8/12/2020
105 17C32 North Unit Main Canal, Hamehook Rd HAMEHOOK ROAD NORTH UNIT MAIN CANAL -121.2483996 320301 00000000000 0.85 2020	8/12/2020
106 17C34 Little Deschutes River, Dorrance Meadow Rd DORRANCE MDW ROAD LITTLE DESCHUTES RIVER -121.5475607 4 10901 000000000000 2.255 2020	8/12/2020
107 17C35 Arnold Irrigation Canal, Baker Rd BAKER ROAD ARNOLD IRR. CANAL -121.3546 300601 000000000000 1 2020 108 17C37 Deschutes River, Twin Bridge Rd TWIN BR RD DESCHUTES RV -121.3181298 114002 00000000000 0.5 2020	8/12/2020 8/12/2020
110 17C540 Small Boat Canal, Solar Dr SOLAR DRIVE SMALL BOAT CANAL -121.4652694 412301 000000000000 1.9 2020	8/12/2020
111 17C550 Cottonwood Rd over BNRR COTTONWOOD B N R R O-XING -121.4156388 414301 00000000000 2.69 2020	8/12/2020
113 17C570 Tumalo Res Feed Canal, Seismore Rd SEISMORE ROAD TUMALO RES FEED CANAL -121.4144194 110602 00000000000 6.98 2020 115 17M001 North Linit Canal Cover Rd COVOTE RD NORSHORI (NORTH LINIT CANA) -121.1304771 (00000 00000000000 1.2020 000000000000 1.2020 0000000000	8/12/2020
115 17M001 North Unit Canal, Coyote Rd COYOTE RD NG/BBRG1 NORTH UNIT CANAL -121.1304771 000000 000000000000 1 2020 116 18001 Fall River, Fall River Rd FALL RIVER ROAD FALL RIVER - 121.5728798 410414 000000000000 0.45 2020	8/12/2020 8/12/2020
10 10001 Fall RVet, Fall RVet 1 PALE RVET RVA FALE RVET 121 18208 Deschutes Market Rd over Hwy 4 DESCHUTE MKT INTOH U S97 (HWY 004) -121.2607805 C0000 00000000000 0 2 2020	8/12/2020
122 18283 Cline Falls Rd over Hwy 15 CLINE FALLS HWY OR 126 (HWY 015) -121.2620694 015AJ 00000000000 107.48 2020	8/12/2020
123 18299 Pilot Butte Canal, Tumalo Rd 97 Overpass TUMALO ROAD PILOT BUTTE CANAL -121.256888 C0000 00000000000 0.05 2020	8/12/2020
125 18493         Deschutes Market Rd over Pumice Rd         Deschutes Market PUMICE ROAD         -121.2577777 C318110         00000000000         0.03 2020           126 18494         Deschutes Market Rd over BNRR         Deschutes Market         BNRR         -121.2562472 C318110         0000000000         0.12 2020	8/12/2020 8/12/2020
145 19962 Hwy 4 over BNSF (Terrebonne) US 97 HWY 004 BNSF -121.1782104 004 000400100500 11.34 2020	8/12/2020
147 20206 South Century Bridge (NB) US 97 (HWY 004) NB S. CENTURY DR121.4027 004 000400200S00 153.05 2020	8/12/2020
148 20207 SOUTH CENTURY BRIDGE (SB) U.S.97 (HWY 004) SB S. CENTURY DRIVE -121.4034194 004 000400100500 153.08 2020	8/12/2020
149 20334 COI Canal-Lateral F, NW Galloway Ave NW GALLOWAY AVE COI CANAL-LATERAL F -121.1813493 C0000 00000000000 2.5 2020 157 20552 HWY 004 NB OXING Cottonwood Rd Con. at MP 151.30 US 97 (HWY 004) NB COTTONWOOD RD -121.3806 004 000400200500 151.3 2020	8/12/2020 8/12/2020
157 ZUSSZ HWY UU4 NB UXING CRITOMYOOR OR LON. 48 MY 151-33 U S 9/ (HWY U4) NB CU 1 I ONWOULD WS 1-127.380 U 4 UU44UZUUSSU 151-3 ZUZU 162 2783 OREGON WATER WONDERLAND -121.4887493 C0000 000000000000 0.05 2020	8/12/2020
163 21014 HWY 004 SB OXING (Wildlife Passage) at MP 152.00 US 97 (HWY 004) Wildlife Passage -121.3915 004 000400100S00 152 2020	8/12/2020
164 21015 HWY 004 SB OXING Cottonwood Road at MP 149.55 US 97 (HWY 004) Cottonwood Road -121.3568 004 000400100S00 149.55 2020	
165 21016 HWY 004 NB OXING Cottonwood Road at MP 149.56 US 97 (HWY 004) Cottonwood Road 121.3565 004 000400200500 149.56 2020	8/12/2020
166 21017 HWY 004 NB 0XNG (Wildlife Passage) at MP 152.00 US 97 (HWY 004) Wildlife Passage - 121.3909 004 000400200500 152 2020 168 21702 Hwy 372 Multi-Use Trail - 121.40245 372 0000000000000 7.48 2020	8/12/2020 8/12/2020
169 21706 Foot Bridge Crooked River at Smith Rock State Park Foot Bridge Crooked River -121.1390885 C0000 00000000000 0 2020	8/12/2020 8/12/2020 8/12/2020
170 21825 Pilot Butte Canal, Hwy 4 at MP 129.72 US 97 (HWY 004) PILOT BUTTE CANAL -121.2549111 004 000400100S00 129.72 2020	8/12/2020 8/12/2020
174 22384 Deschutes River, Tetherow Rd TETHEROW ROAD DESCHUTES RIVER -121.2391667 220701 00000000000 1 2020	8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020
	8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020
176 22450 Haul Trail Undercrossing HWY 372 Rimrock Trail -121.3740866 OR 372 00 5.14 2020	8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020
176 22450 Haul Trail Undercrossing HWY 372 Rimrock Trail -121.3740806 OR 372 00 5.14 2020 178 23100 Fall Cr_Cascade Lake Hwy_44.030112/121.738336 Cascade Lakes Hwy FALL CREEK @SPARKS -121.7383361 04107 000000000000 26.57 2020 184 23905 Soda Cr_Cascade Lakes Hwy_44.02602/121.72564 Cascade Lakes Hwy Soda Creek -121.7256389 Cascade Lakes Hwy 00000000000 25.1 2020	8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020 8/12/2020