



TRANSPORTATION2040

The Regional Transportation Plan for Chelan and Douglas Counties



Prepared by Chelan-Douglas Transportation Council

Additional copies of this document may be obtained by contacting:

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2015 Chairman: Mike Mackey, Port of Chelan County Jeff Wilkens, Executive Director 1350 McKittrick Street, Suite B, Wenatchee, WA 98801 (509) 663-9059 | chelan-douglas.org

RESOLUTION No. 5-2015 OF THE CHELAN-DOUGLAS TRANSPORTATION COUNCIL ADOPTING "TRANSPORTATION 2040," THE REGIONAL TRANSPORTATION PLAN.

WHEREAS, the Chelan-Douglas Transportation Council (CDTC) is the lead agency for the Metropolitan Planning Organization and the Regional Transportation Planning Organization with responsibility for transportation planning and programming in the *Wenatchee Metropolitan Statistical Area* encompassing Chelan County and Douglas County;

WHEREAS, "Transportation 2040" addresses the federal metropolitan planning requirements in 23 U.S.C 134 and 49 U.S.C 5303; and

WHEREAS, "Transportation 2040" addresses the Washington state regional transportation planning requirements in 47.80 RCW; and

WHEREAS, the "Regional Transportation Plan" addresses all urban, rural and small city areas in Chelan and Douglas counties; and

WHEREAS, the "Transportation 2040" addresses regionally-significant transportation deficiencies, opportunities and recommends transportation system improvements in urban, rural and small city areas throughout Chelan and Douglas counties; and

WHEREAS, "Transportation 2040" hereby replaces the previous metropolitan transportation plan "Confluence 2030" as well as the previous NCRTPO 2009 Regional Transportation Plan;

NOW, THEREFORE, BE IT RESOLVED that the CDTC governing board adopts the "Transportation 2040" as the Metropolitan/Regional Transportation Plan for the region.

Adopted by the Governing Board of the CDTC at a regular meeting thereof held on the 10th day of September, 2015.

Mike Mackey

2015 Board Chairman

Jeff Wilkens

Executive Director

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TRANSPORTATION2040

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SUPPORTING DOCUMENTS

2014 Chelan-Douglas Public Opinion Survey

Regional Complete Streets Policy and Guidelines

2015 Chelan-Douglas Demographic Profile

Greater Wenatchee Bicycle Master Plan

Wenatchee Valley Urbanized Area Freight Plan

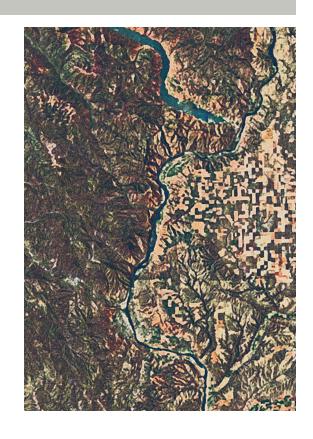
North Wenatchee Transportation Master Plan

SR 28 Wenatchee Eastside Corridor Study

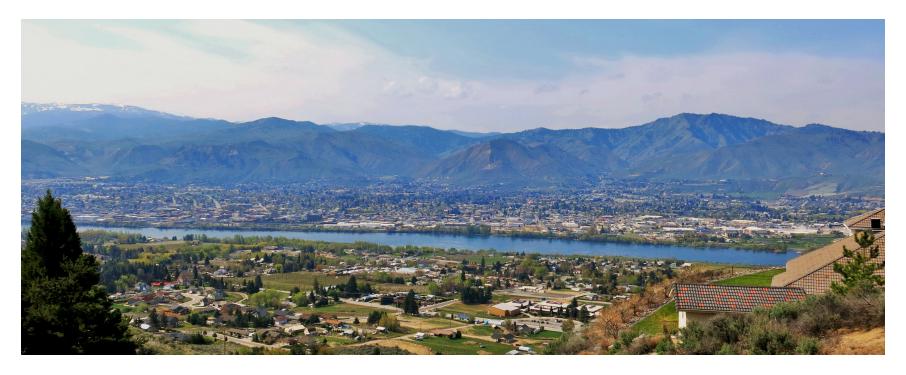
2015–2018 Regional Transportation Improvement Program

All documents available at www.chelan-douglas.org

THE CHELAN-DOUGLAS REGION







Regional Setting

The Chelan-Douglas Metropolitan Planning Area (MPA) is located near the geographic center of Washington state (see Figure 1-1). It is made up of Chelan and Douglas Counties, which combine to form the Wenatchee-East Wenatchee Metropolitan Statistical Area (MSA). According to the Office of Financial Management (OFM), it has a population of approximately 115,000 and covers nearly 4,850 square miles.

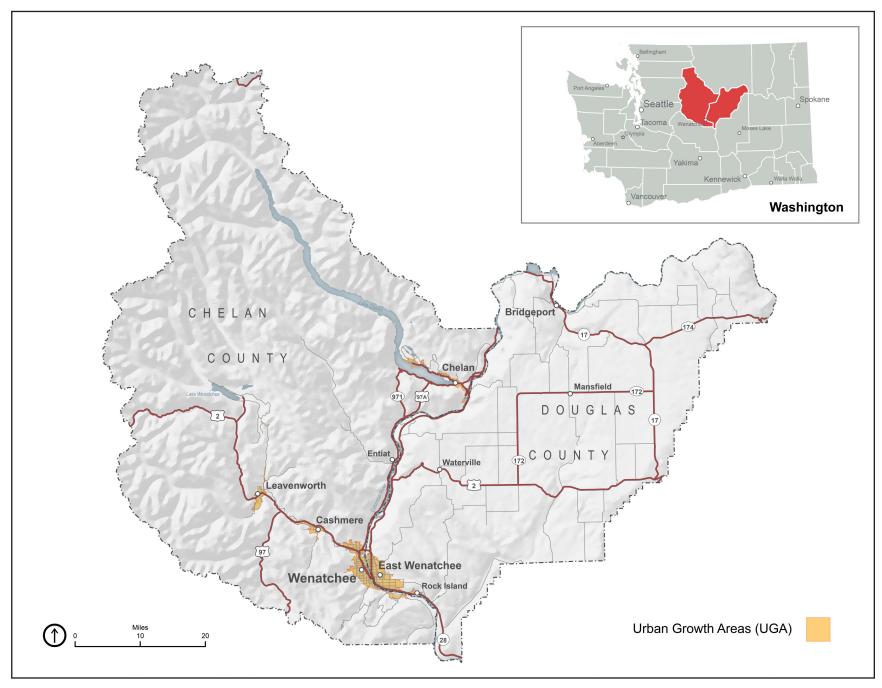
The Wenatchee urbanized area is the region's economic, cultural and transportation hub. It is situated in a narrow corridor, surrounded by steep terrain and bisected by the Columbia and Wenatchee Rivers. These geographic constraints present the area with many challenges that limit its options for addressing local and regional transportation issues.

The region's geographic constraints are not limited to the Wenatchee Valley.

Throughout Chelan County, and in parts

of Douglas County, steep terrain and water features create physical barriers that restrict transportation and development options. These restrictions create the need for efficient and well-planned land use patterns in the region's Urban Growth Areas (UGA). Because transportation often shapes land use, it is important that the region's transportation infrastructure supports development by creating a well-connected, multi-modal network in urban areas while preserving mobility throughout the region.





Regional Transportation System

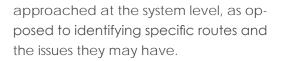
Because this plan is designed to provide a regional vision for future transportation investments that improve transportation for the region as a whole, it focuses on highways, county roads and city streets that are deemed regionally significant. It also addresses other regionally significant transportation infrastructure and services, which includes the following:

- Classified federal-aid arterial and collector highways and roads
- LINK Transit facilities and services, including roadways serving bus routes
- Railroads and rail freight intermodal facilities
- Public airports
- Regional multi-use pathways
- Bikeways designated in the Regional Bicycle Master Plan

Figure 1-2 shows highways, local roadways, airports, railroads and regional multi-use pathways included in the designated regional transportation system. Due to the plan's regional focus, the discussion of public transit and on-road bikeways is













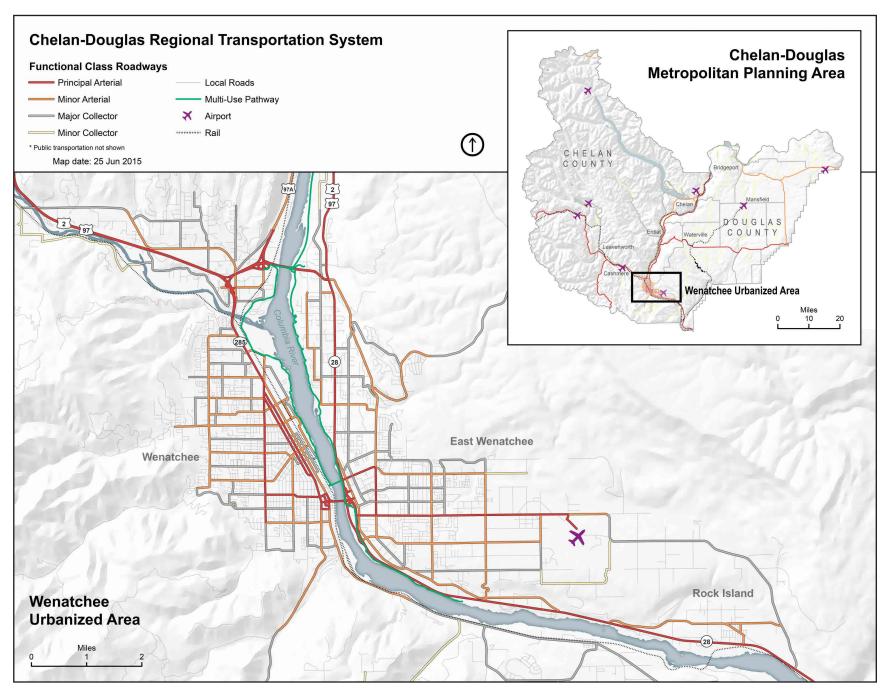




Figure 1-2: The Chelan-Douglas Regional Transportation System

Regional Demographic and Economic Trends

The Chelan-Douglas region has grown steadily over the past 65 years. As Figure 1-3 shows, its population has more than doubled since 1950. This trend is expected to continue. By 2040, the region's population is projected to reach approximately 145,000.

Regional employment is expected to grow with population. As of 2012, the Chelan-Douglas region had more than 50,000 employees, with nearly 40,000 in Chelan County and 10,000 in Douglas County. When viewed in conjunction

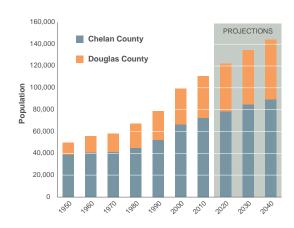


Figure 1-3: Regional population growth

Source: U.S. Census Bureau and OFM

with 2009–2013 American Community Survey (ACS) household data, these figures indicates a moderate jobs-housing imbalance exists in the region. This is problematic because it can result in greater commute times and put a strain on existing transportation infrastructure.

With less than 11,000 households, Douglas County contains approximately 0.8 jobs per household. The ratio is much higher in Chelan County, which has rough-

ly 27,000 households and nearly 1.5 jobs per household. Figure 1-5 shows regional commuting patterns, which confirm this imbalance—only 3,078 individuals live in and work in Douglas County, while over 16,000 live in and work in Chelan County. If this trend continues, it will increase the strain on the regional transportation system, with more trips generated across the Columbia and Wenatchee Rivers. This is especially problematic because Chel-

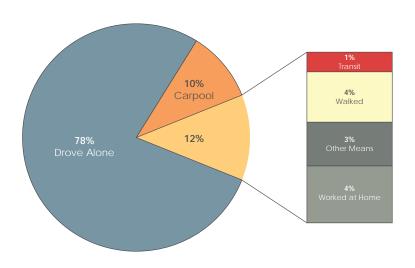


Figure 1-4: Primary means of getting to work in Chelan and Douglas Counties

Source: U.S. Census Bureau, 2009–2013 American Community Survey 5-year estimates

an County is only connected to Douglas County by two Bridges in the Wenatchee urban area.

The primary mode of commuting for the region's 50,000 employees is to drive alone, as Figure 1-4 shows. Only 5 percent walked or took public transportation, while 10 percent carpooled to work. The mean commute time in the region was just over 18 minutes in 2012, according to the U.S. Census Bureau. Nearly one in four



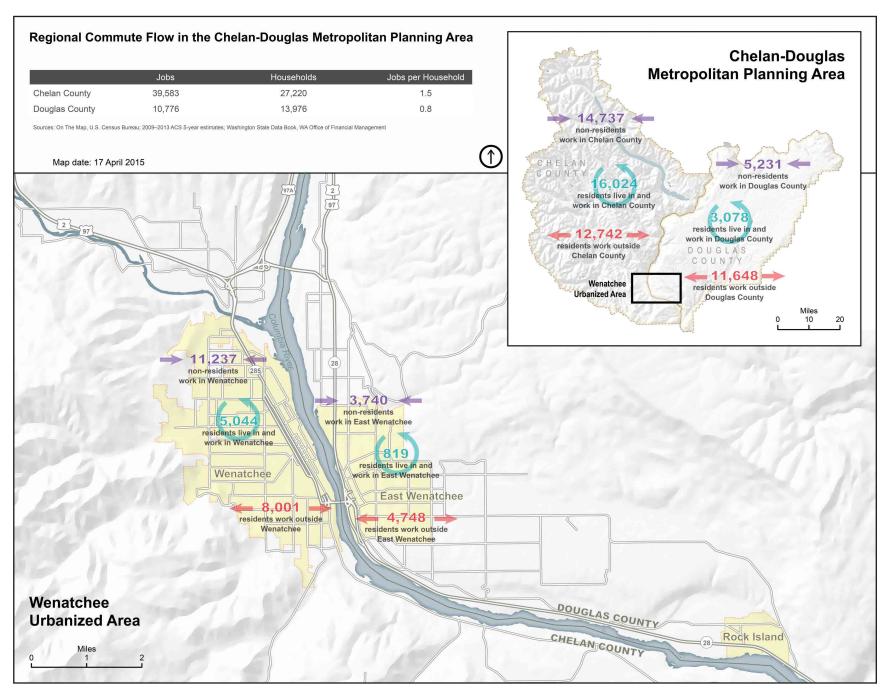
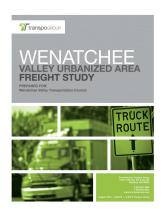


Figure 1-5: Chelan-Douglas Regional Commuting Patterns

workers had a commute time of less than 10 minutes. Commute times are substantially less than the national average of over 25 minutes, as well as the Washington state average of nearly 26 minutes. However, if the current jobs-housing imbalance and the preference for driving alone as a primary mode of commuting remain, the region's short commute times are likely to increase due to the limited options available for increasing the existing road network's capacity. Solving this issue will require strategies such as increasing the share of walking, bicycling, transit and carpooling. These mitigation measures, combined with implementing planned mixed use development and increasing job growth in Douglas County, have the potential to reduce the strain growth will put on the region's road network. This, in turn, would help keep com-



mute times low and quality of life high.

In addition to providing for efficient commuting, it is important that the regional



transportation system provide access and mobility for freight. As the hub of a larger economic region with significant commercial, agricultural and industrial activities, it is essential that freight be able to circulate through the Wenatchee urban area and the rest of the region. Due to population and employment growth in the region, freight mobility, like commuter

mobility, is likely to decrease over time without proactive planning. Because of this, it is important that the region consider the freight benefits of future transportation investments. The Wenatchee Valley Urbanized Area Freight Study provides cohesive freight plan for the region's urban area and identifies specific freight routes.



TRANSPORTATION POLICY FRAMEWORK







Federal, State and Regional Policy Context

The Chelan-Douglas Transportation
Council (CDTC) is an intergovernmental
forum for long-range planning to improve
regionally significant transportation infrastructure and public transportation that
will meet the needs of a growing region.
Regional transportation planning and
decision making takes place in a context that blends local, state and federal
requirements and policy goals.

Federal Policy

National transportation policy is defined in the Moving Ahead for Progress in the 21st Century Act, referred to as MAP-21. It carries forward the requirement that metropolitan transportation plans address the following factors:

- Support the economic vitality
 of the metropolitan area, espe cially by enabling global competi tiveness, productivity and efficien cy
- 2. Increase the safety of the trans-

- portation system for motorized and non-motorized users

 3. Increase the security of the transportation system for motor
- 4. Increase the accessibility and mobility of people and for freight

ized and non-motorized users.

5. Protect and enhance the environment, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and planned growth and economic development patterns



- Enhance the integration and connectivity of the transportation system, across and between modes, people and freight
- 7. Promote efficient system management and operations
- 8. Emphasize the preservation of the existing transportation system

MAP-21 expands the metropolitan planning process with a new requirement for performance-based planning by creating the following new responsibilities:

- MPOs will establish performance targets that address the MAP-21 surface transportation performance measures for the categories of safety, infrastructure condition, congestion reduction, system reliability, freight movement and economic vitality, environmental sustainability and reduce project delivery delays
- The performance targets selected by an MPO will be coordinated with the State and transit providers to ensure consistency to the maximum extent practicable
- The long-range transportation

- plan will include a description of the performance measures and performance targets used in assessing the performance of the transportation system
- The transportation improvement program will include a description of the anticipated effect of the TIP toward achieving the performance targets established in the plan, linking investment priorities to those performance tar gets

State Policy

The Washington Transportation Plan (WTP 2035) identifies strategies for achieving the following six transportation policy goals articulated in statute:

- 1. Economic vitality: To promote and develop transportation systems that stimulate, support, and enhance the movement of people and goods to ensure a prosperous economy
- Preservation: To maintain, preserve, and extend the life and utility of prior investments in transportation systems and services
- 3. Safety: To provide for and improve

- the safety and security of transportation customers and the transportation system
- 4. Mobility: To improve the predict able movement of goods and people throughout Washington state
- 5. Environment: To enhance Washington's quality of life through transportation investments that promote energy conservation, enhance healthy communities, and protect the environment
- 6. Stewardship: To continuously improve the quality, effectiveness, and efficiency of the transportation system

State policy for regional transportation planning is further shaped by the Growth Management Act, which contains provisions for a Regional Transportation Planning Organization (RTPO) program that extends regional planning out to rural areas that surround and are interconnected with metropolitan areas.



Regional Policy

CDTC carries out federal and state transportation planning provisions jointly through a unified planning area boundary covering Chelan and Douglas Counties.

Mission Statement: The Chelan-Douglas Transportation Council is to enhance the livability and prosperity of the region by working together to advance the transportation needs of its people, places and industries.

The CDTC Mission Statement serves as the primary policy foundation for Transportation 2040, further articulated by the six transportation goals show in Table 2-1.

The six regional policy goals are applied in all regional and corridor planning efforts. For Transportation 2040 they are the basis for evaluating the performance and effectiveness of the transportation system. However, not all of the goals translate into easily-measured performance indicators, particularly those related to community and economic development.

Table 2-1: Transportation 2040 Goals

Goal 1: Public Involvement	Develop awareness of community preferences and stakeholder concerns and provide information to citizens, businesses, interest groups and other interested parties including the low-income, elderly, minorities and non-English speakers
	Build community support for Council plans and proposals
	Align policy objectives relating to land use, economic development & transportation
	Foster member jurisdiction support for Council decisions
Goal 2: Intergovernmental Coordination	Support regional economic and community development plans
	Promote regional strategies to increase transportation funding
	Develop actionable plans to address urban, rural and small city transportation needs
Goal 3: Transportation Safety	Improve safety for vehicle drivers, transit riders, bicyclists and pedestrians
Goal 4: Access and Mobility	Develop actionable plans for maintaining adopted performance standards for vehicle drivers, transit riders, bicyclists and pedestrians Improve freight access and mobility
	Whenever possible, integrate bicycle, pedestrian and transit improvements with roadway maintenance, preservation and improvements
	Apply technology to increase roadway capacity and safety
	Encourage "access management" to maximize the capacity of major roadways
Goal 5: Financial Stewardship	Maximize the use of public transportation, bicycling, walking and carpooling in order to expand the capacity of the existing roadway system
	Ensure that financial resources allocated to transportation improvements maximize community benefits
	Balance future investments in roadways, public transportation and non-motorized infrastructure
Goal 6: Environmental	Avoid and minimize negative environmental and societal impacts from transportation improvements
Stewardship	Enhance the natural and social environment when possible



Transportation 2040 envisions transportation investment decisions as not only addressing transportation-specific challenges and opportunities, but also as a way to achieve other important non-transportation goals that communities are pursuing through community and economic development efforts.

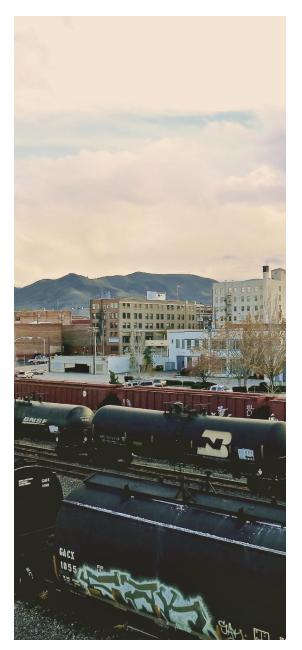
CDTC recognizes that economic development provides increases in the local tax base that, in turn, have a substantially positive impact on funding for stewardship of the transportation system, in particular maintenance and preservation. However, given the difficulties of applying objective scoring measures that capture the wide range of potential economic development opportunities that can be leveraged with transportation investment, this plan does not measure economic impact or benefit on a project-by-project basis. Economic development is often tied to emerging opportunities, making them even more difficult to anticipate and quantify years in advance.

Transportation decision making is also informed by public opinion and input. CDTC engaged the public early in the development of Transportation 2040 by

conducting a public opinion survey of over 500 citizens from all corners of the two-county region. The survey methodology provided for a statistically valid representation of minority, low-income, elderly and non-English speaking populations and identified areas where the preferences and opinions of the public at-large differ from the preferences and opinions of underrepresented and minority populations.

As a whole, the public voiced a very clear emphasis on maintaining the existing transportation system in a state of good repair. The survey also indicated strong support, particularly from low-income and minority populations, for public transit and more pedestrian infrastructure (full details on public outreach and the public opinion survey are found in the appendices).

Along with the transportation-specific performance measures explained below, Transportation 2040 encourages decision makers to make project selection decisions that include an assessment of economic opportunity and that respond to the priorities and preferences of the public.





Transportation System Performance Measures

Under the new MAP-21 federal framework, the USDOT defines performance-based decision making as "the practice of setting goals and objectives; an ongoing process of selecting measures, setting targets, using measures in decision-making to achieve desired performance outcomes; and reporting results." In simple terms, performance-based planning uses data to inform long-term and short-term investment decisions and links transportation performance to goals.

At this point in time the MAP-21 performance reporting targets are under development. CDTC will revisit the Transportation 2040 performance measures and make any modifications necessary to comply with the emerging target setting and reporting system. In the meantime, the assessment of transportation system performance in Transportation 2040 is based on the metrics shown in Table 2-2. Additionally, Figures 2-1 through 2-6 show the results of CDTC analyses examining several of these performance measures. Others, such as air quality, are waiting

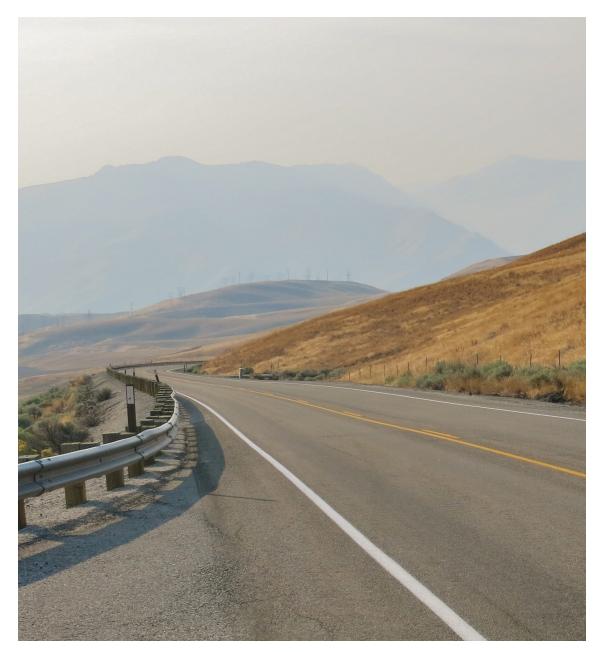
Table 2-2: Transportation 2040 Performance Measures

PERFORMANCE CATEGORY	PERFORMANCE MEASURES	PERFORMANCE TARGETS	
ROADWAY CONDITION Measured on federal-aid roadways	Pavement Structural Condition (PSC) Rating Scale	100% of regional system in "Good" or "Fair" condition	
SAFETY Measured on federal-aid roadways for	Number of crashes resulting in fatalities and serious and disabling injuries	Zero fatalities	
all modes of transportation	Rate of crashes resulting in fatalities and serious and disabling injuries	Continuous decline in rate of serious and disabling injuries	
	Intersection Level-of-Service (LOS)	LOS "D" Rural Areas, Small Cities, US 2, US 97 & SR 28	
DRIVING (Vehicle Mobility) Measured on federal-aid roadways	intersection reversor-service (ros)	LOS "E" Urban Corridors	
measured off rederar-aid foadways	Ratio of Peak Hour Vehicles to Road-	LOS "E-Averaged" in Wenatchee Central Business District	
	way Lane Capacity (V/C Ratio)	Roadway V/C Ratio < 1.0	
WALKING	Continuous sidewalk on both sides of roadway	Continuous progress toward 100% ADA compliant pedestrian accommodation	
(Pedestrian Mobility & Comfort) Measured on federal-aid roadways inside Urban Growth Areas	Sidewalks buffered minimum 4' from edge of vehicle travel lane on Principle		
	Arterials	Exemption for "Limited Access" sections of state highways	
CYCLING (Bicycle Mobility & Comfort) Measured inside UGAs on public roads designated as "Bikeways" in an adopt- ed Bicycle Master Plan	Presence of bikeway facility consistent with adopted Bicycle Master Plan	Continuous progress toward full implementation of planned bicycle accommodation	
TRANSIT	Number of passenger trips per year	Continuous increase in trips above rate of population growth	
AIR QUALITY	Estimated metric tons of Greenhouse Gas emissions based on region wide Vehicle Miles Traveled (VMT)	Continuous decrease in per capita Greenhouse Gas emissions	

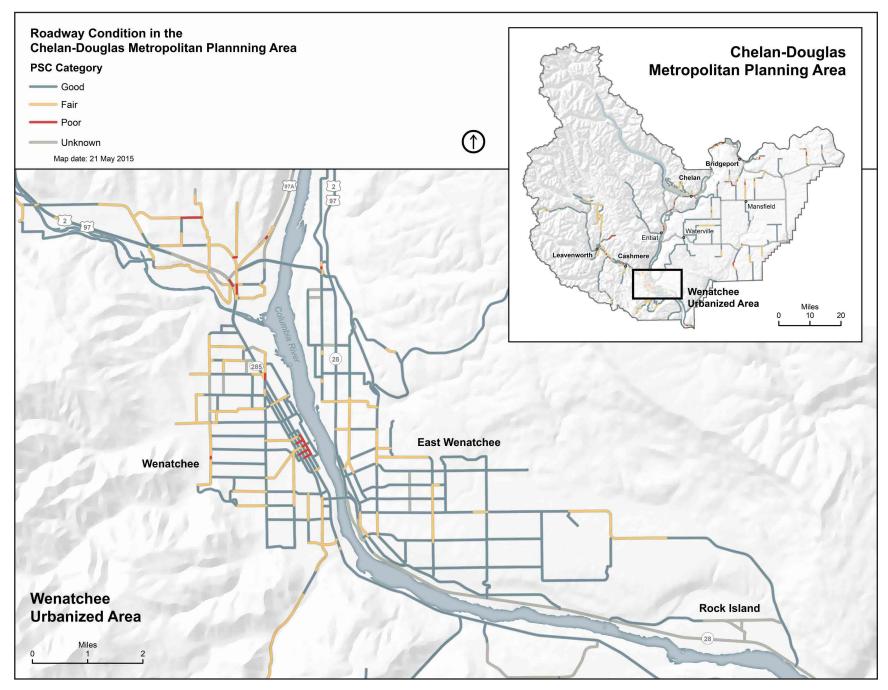


future MAP-21 reporting and have not yet been evaluated due to a lack of data.

These performance measures are to be used as supporting tools for transportation investment decision making. For example, roadways with high collision, injury and/or fatality rates, identified in Figure 2-2, should be evaluated for potential safety improvements. Likewise, pedestrian infrastructure spending should be prioritized in areas with high demand for those facilities, identified in Figures 2-4 and 2-5.









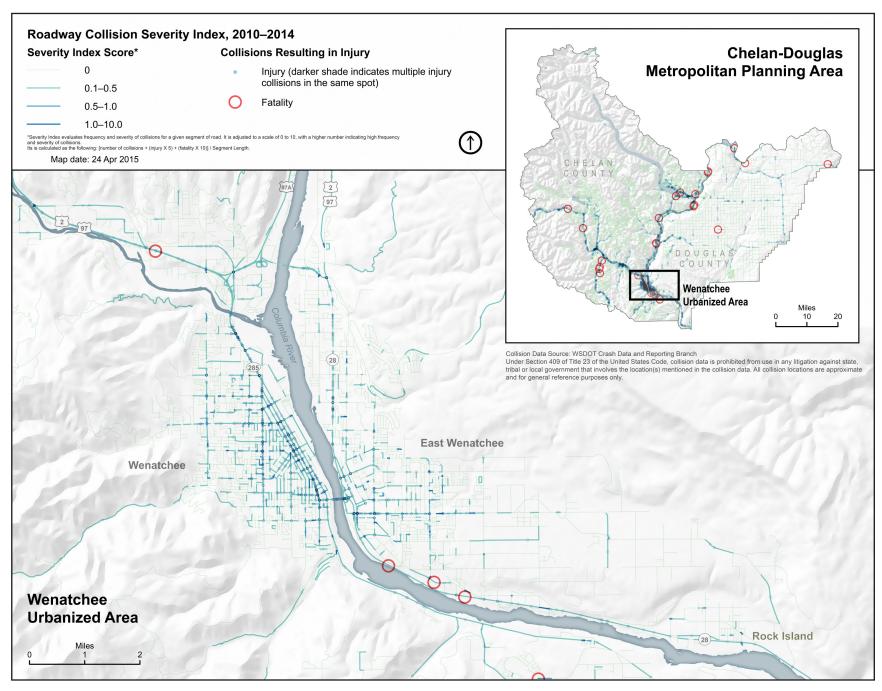
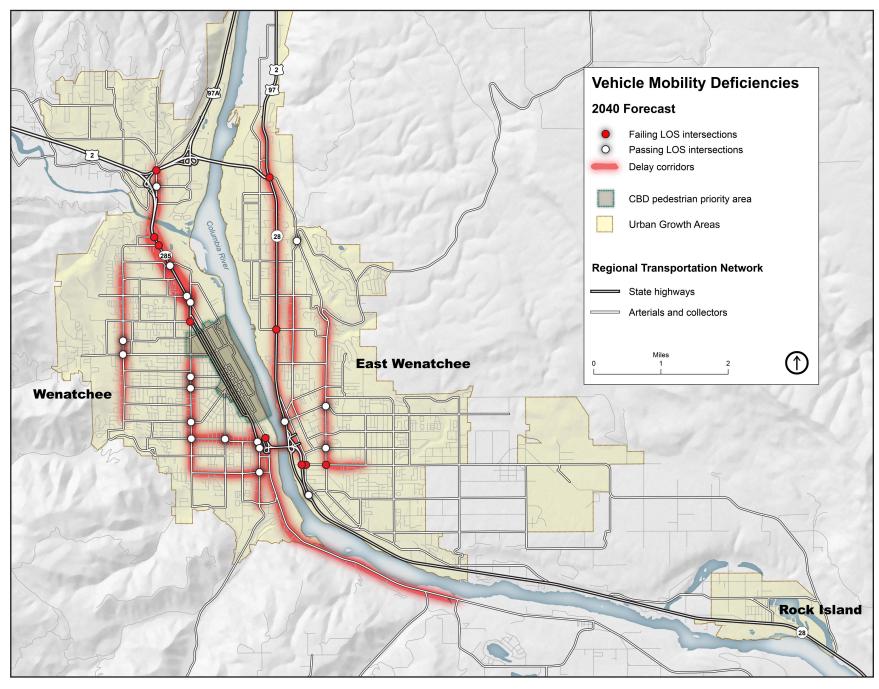


Figure 2-2: Transportation Safety on Roadways in the Chelan-Douglas Region







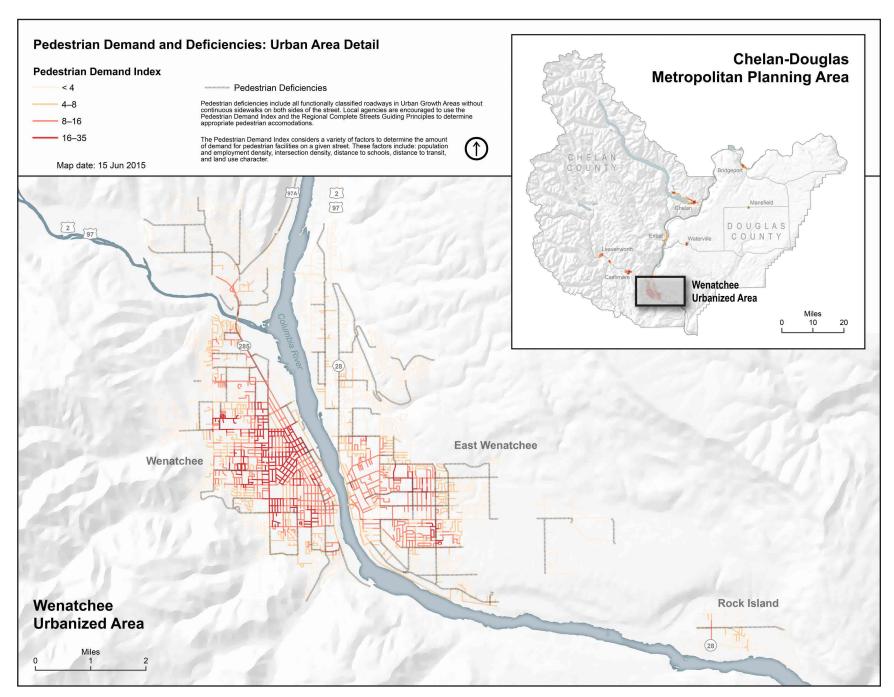
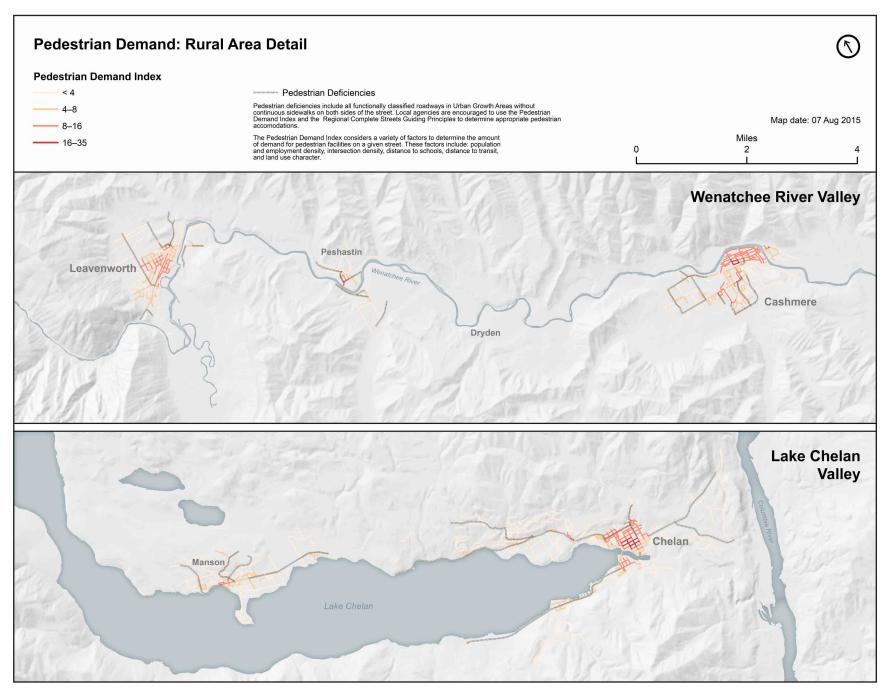
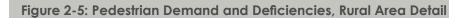




Figure 2-4: Pedestrian Demand and Deficiencies, Urban Area Detail







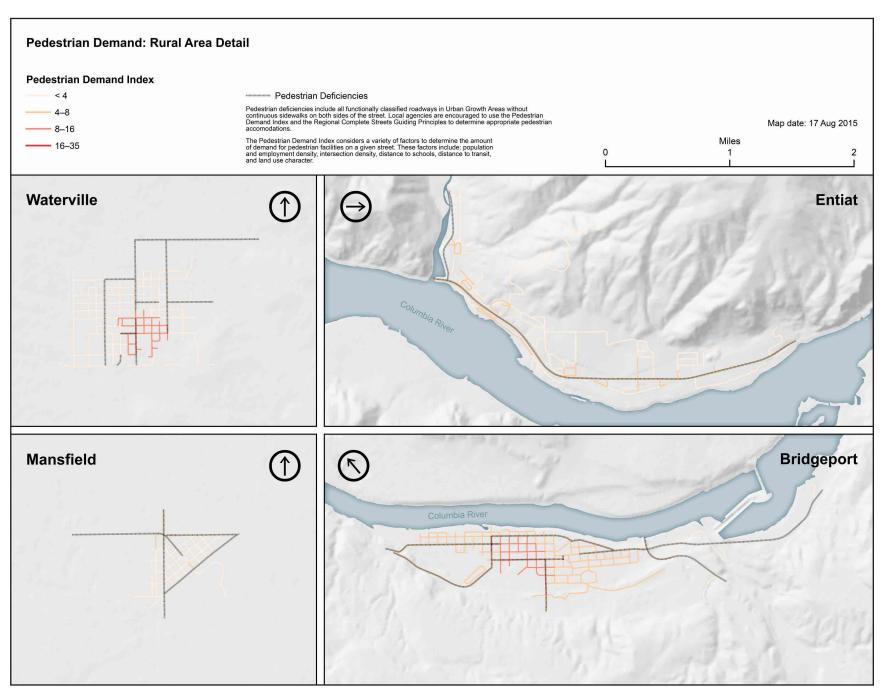
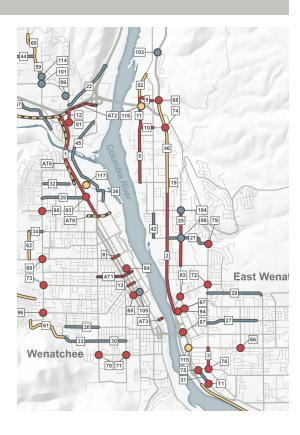


Figure 2-6: Pedestrian Demand and Deficiencies, Additional Rural Area Detail



TRANSPORTATION SYSTEM IMPROVEMENTS







Transportation 2040 Investment Categories

Transportation 2040 investment expenditures in the Chelan-Douglas region are grouped into three major categories:

- 1. System Preservation
- 2. System Improvements
- 3. System Expansion

System Preservation consists of maintaining and taking care of our existing

transportation network, while System Improvements upgrade and modernize the existing transportation network to make it function better. System Expansion, on the other hand, creates additional capacity by adding lanes to an existing roadway, or creating an entirely new roadway, trail or transit service.

The total investment needed through 2040 in each of these categories was determined by compiling cost estimates for individual transportation investment projects. These were obtained from

local agency plans and Transportation Improvement Programs (TIP), as well as CDTC analyses of the regional transportation system's current deficiencies using the performance measures shown in Table 2-2.

In total, this process identified nearly \$2.8 billion in total need system wide across all three investment categories, through 2040. Based on the plan's funding assumptions, there will be sufficient revenue to pay for approximately 56 percent of this need. This leaves nearly \$1.2 billion



dollars in unfunded need across all categories. Figure 3-1 shows the breakdown of funded and unfunded needs in the region, by investment category. Unfunded

Percent of System Needs

Includes both state and local

State Unfunded Need

Local Unfunded Need includes LINK Transit

Figures may not sum to total due to rounding

17%

30%

Overall System

Funded: \$1,587 million

Unfunded: \$1,370 million

needs are broken down further by those on locally maintained roads and those maintained by the State of Washington.

System Preservation **Funded by Transportation 2040** Funded: \$993 million 22% Unfunded: \$349 million Projects Funded with Available Revenues **System Improvements** Funded: \$359 million 34% Unfunded: \$620 million 30% System Expansion 16% Funded: \$235 million Unfunded: \$401 million 47%

Figure 3-1: Funded and unfunded need by investment category

54%

The transportation improvement projects identified in Figures 3-2, 3-3, and the corresponding table that follows, distinguish between those projects that are cost-fea-

> sible within forecasted revenue, and the remaining "vision" projects that would require a new source of funding to bring to fruition.

> Transportation 2040 lays out a funding strategy that strikes a careful balance between adequate funding for system preservation versus expenditures on system improvement and expansion. The funding plan only covers 74 percent of needed revenue for system preservation; many existing sources of revenue are limited to system improvements.

> Overall the need for additional revenue is significant. The region will need to think carefully about potential strategies for securing additional state and federal funds beyond those assumed in the 2040 revenue forecast (as detailed in the appendices), including the possibility of pursuing a new local or regional mechanism for increasing revenue.



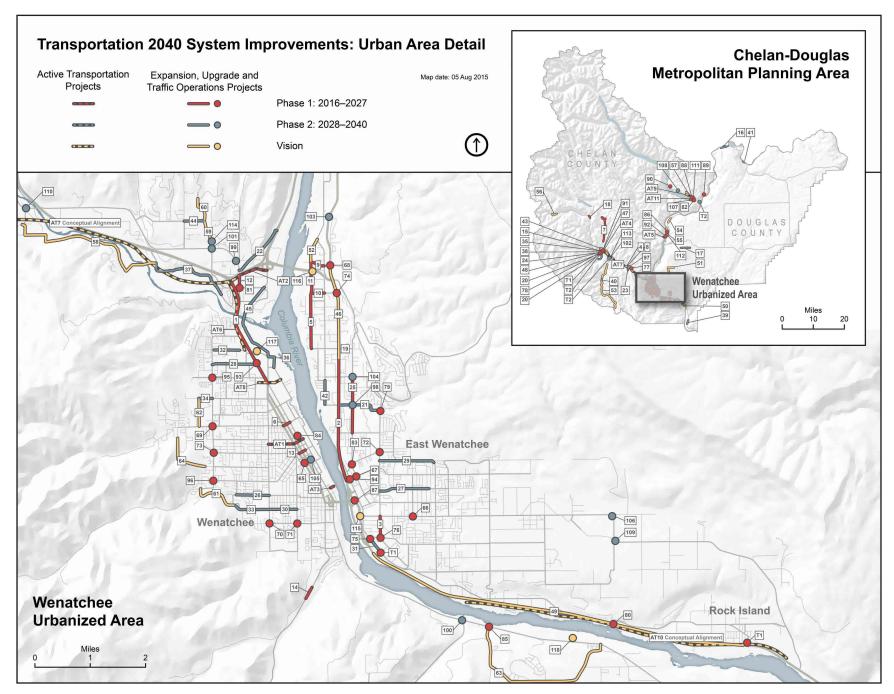
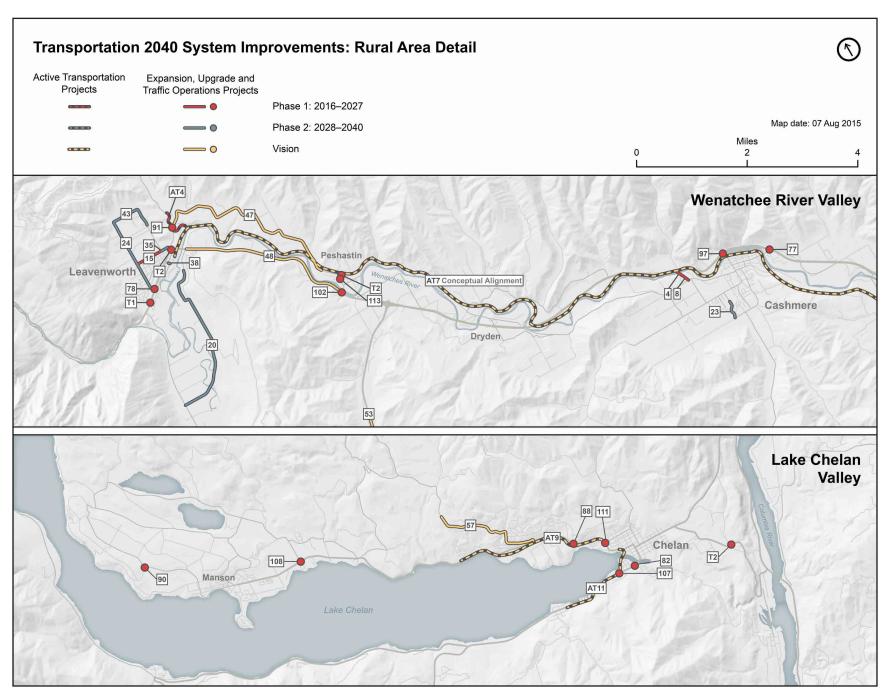




Figure 3-2: Transportation 2040 Projects, Urban Area Detail





Phase 1 Projects: Year of Expenditure 2016–2027

Map Ref.	Project	Description	YOE Cost
1	N Wenatchee Area Improvements	Corridor improvements	\$41,000,000
2	SR 28: Phases 3 and 4	Widen to four lanes	\$58,500,000
3	Highline Dr: 3rd St SE to Grant Rd	Reconstruction	\$2,088,000
4	Goodwin Bridge Replacement	Replace bridge	\$20,880,000
5	NW Empire Ave: 27th St NW to 35th St NW	Reconstruction	\$3,444,040
6	5th St: Wenatchee Ave to Chelan Ave	Freight improvements	\$146,160
7	Chumstick Hwy	Reconstruction	\$11,936,400
8	Goodwin Rd Reconstruction	Reconstruction	\$3,480,000
9	38th St Extension	Construct a new roadway	\$8,352,000
10	35th St Extention	Construct a new roadway	\$3,480,000
11	Empire Ave Extension - Phase 1	Construct a new roadway	\$4,872,000
12	Easy St: Penny Rd to US 2	Widen roadway	\$11,008,400
13	Orondo Ave: Wenatchee Ave to Chelan Ave	Freight improvements	\$203,000
14	Squilchuck Rd	Reconstruction	\$3,897,600
15	Pine Street - Phase 1	Reconstruction	\$3,480,000
18	US 2 at Coles Corner	Construct Two Left Turn Lane	\$812,000
19	27th St NE Bridge Replacement	Replace bridge	\$116,000
25	Baker Ave: 15th St NE to 23rd St NE	Reconstruction	\$5,220,000



Map Ref.	Project	Description	YOE Cost
65	Chelan Ave & Kittitas St	Traffic signal	\$333,500
66	Grant Rd & James Ave	Intersection control	\$464,000
67	Baker Ave & 9th Street NE	Traffic signal or roundabout	\$464,000
68	US 2 & 38th St	Traffic signal	\$580,000
69	5th St & Western Ave	Intersection improvements	\$464,000
70	Crawford Ave & Miller St	Intersection control	\$464,000
71	Crawford Ave & Okanogan Ave	Intersection control	\$464,000
72	Eastmont Ave & 11th St	Traffic signal	\$464,000
73	Western Ave & Washington St	Intersection control	\$464,000
74	SR 28 & 35th St	Traffic signal	\$812,000
75	3rd St SE & Rock Island Rd	Traffic signal	\$464,000
76	3rd St SE & Highline Dr	Traffic signal	\$986,000
77	US 2 & Cotlets Way Roundabout	Roundabout	\$4,640,000
78	US 2 & Ski Hill Dr	Traffic signal or roundabout	\$580,000
79	Eastmont Ave & 19th St	Traffic signal	\$464,000
80	SR 28 & Rock Island Ave Roundabout	Roundabout	\$1,392,000
81	Easy St & Penny Rd	Intersection improvements	\$661,200
82	SR 97A & Farnham St	Intersection improvements	\$580,000
83	Baker Ave & 11th St	Intersection control	\$464,000
84	Wenatchee Ave & 2nd St	Freight improvements	\$174,000



Map Ref.	Project	Description	YOE Cost
85	Malaga Hwy & West Malaga Rd	Intersection control	\$464,000
86	US 97A & Stoneridge St	Install Left Turn Lanes	\$348,000
87	SR 28 & 5th St	Intersection improvements	\$719,200
88	No-See-Um Roundabout	Roundabout	\$6,500,000
89	US 97A & Airport Rd	Intersection control	\$110,200
90	Manson Blvd & Summit Blvd	Intersection improvements	\$255,200
91	Chumstick Hwy & North Rd	Alignment and channelization	\$324,800
92	Entiat Park Entry Improvements	Park entry improvements	\$232,000
93	McKittrick St & SR 285	Traffic signal	\$928,000
94	9th St & Valley Mall Pkwy	Traffic signal or roundabout	\$406,000
95	Western Ave & Maple St	Traffic signal	\$464,000
96	Western Ave & Cherry St	Intersection improvements	\$464,000
AT1	First St Bikeway	Bike boulevard	\$464,000
AT2	Easy St Loop Trail Connection	Multi-use trail	\$580,000
AT3	Bridge St Pedestrian Overpass	Pedestrian overpass	\$4,640,000
AT4	Chumstick Multi-Use Path	Multi-use trail	\$319,000
T1	LINK Park and Rides	Various park and rides	\$1,000,000



Phase 2 Projects: Year of Expenditure 2028-2040

Map Ref.	Project	Description	YOE Cost
16	Crane Orchard Rd	Reconstruction	\$4,473,840
17	Baseline Rd	Resurface and realign	\$3,334,800
20	East Leavenworth Rd: Icicle Rd to Dye Rd	Reconstruction	\$14,448,000
21	19th St NE: Eastmont Ave to SR 28	Reconstruction	\$5,880,000
22	Ohme Garden Rd: Easy St to US 97A	Reconstruction	\$4,074,000
23	Binder Rd/Tigner Rd	Reconstruction	\$1,503,600
24	Ski Hill Dr: US 2 to Titus Rd	Reconstruction	\$7,711,200
26	Millerdale Ave: Lambert St to Miller St	Reconstruction	\$3,084,480
27	5th St NE: Eastmont Ave to Kentucky Ave	Reconstruction	\$3,528,000
28	McKittrick St: Western Ave to SR 285	Reconstruction	\$10,394,160
29	10th St NE: Eastmont Ave to Kentucky Ave	Reconstruction	\$11,088,000
30	Red Apple Rd - Phase 1	Reconstruction	\$1,680,000
31	Rock Island Rd: 3rd St SE to Eller St	Widen road	\$2,781,912
32	Walnut St: Western Ave to Rogers St	Reconstruction	\$7,896,000
33	Red Apple Rd - Phase 2	Reconstruction	\$1,680,000
34	Springwater Ave: Woodward Dr to Western Ave	Reconstruction	\$3,360,000
35	Pine Street - Phase 2	Reconstruction	\$5,040,000
36	Walla Walla Ave to Hawley St Connection	Construct a new roadway	\$5,880,000



Map Ref.	Project	Description	YOE Cost
37	Lower Sunnyslope Rd: Sleepy Hollow Rd to School St	Widen shoulders	\$3,040,800
38	Division St: Front St to Commercial St	Reconstruction	\$1,512,000
39	SR 28: W of Spanish Castle Rd	Passing Lane	\$2,184,000
40	US 97: 8 Miles South of US 2	Construct Passing Lane	\$2,856,000
41	SR 173: 10th St to 17th St	Reconstruction	\$294,000
42	NW Cascade Ave: 19th St NW to Wilshire St NW	Widen road	\$5,040,000
43	Titus Rd: Ski Hill Dr to Detillion Rd	Upgrade roadway	\$4,552,800
44	American Fruit Rd: Knowles Rd to Crestview Rd	Widen and improve alignment	\$1,360,800
45	SR 285 Bypass: Confluence Pkwy	Create bypass for SR 285	\$147,840,000
97	US 2 & Aplets Way Roundabout	Install Roundabout	\$5,040,000
98	Baker Ave & 19th St	Traffic signal	\$672,000
99	Easy St & Peters St	Traffic signal or roundabout	\$1,696,800
100	Malaga Hwy & Stemilt Rd	Intersection control	\$672,000
101	Easy St & School St	Intersection improvements	\$2,503,200
102	US 2 & Main St in Peshastin	Intersection Improvements	\$5,712,000
103	US 2 & Cascade Ave at Baker Flats	Traffic signal or roundabout	\$1,680,000
104	Baker Ave & 23rd St	Traffic signal	\$672,000
105	Wenatchee Ave & Kittitas St	Freight improvements	\$483,000
106	Grant Rd & S Van Well Ave	Reconstruction	\$1,024,800
107	SR 97A & Woodin Ave	Install turn lanes and signage	\$336,000



Map Ref.	Project	Description	YOE Cost
108	SR 150 & Wapato Lake Rd	Roundabout	\$2,520,000
109	S Van Well Ave & 4th St SE	Reconstruction	\$1,108,800
110	Main St in Monitor Railroad Crossing	Improve alignment	\$403,200
111	SR 150 & Gibson Ave	Intersection control	\$336,000
112	Lakeshore Roundabout	Roundabout	\$1,344,000
113	Main St & Peshastin Rd	Intersection improvements	\$470,400
114	Knowles Rd & School St	Intersection improvements	\$403,200
AT5	Entiat River Trail	Multi-use trail	\$420,000
T2	LINK Park and Rides	Various park and rides	\$1,000,000



Vision Projects

Map Ref.	Project	Description	YOE Cost
46	SR 28 - Phases 5, 6, and 7	Widen to four lanes	\$244,272,000
47	North Rd: Chumstick Hwy to Main St in Peshastin	Reconstruction	\$32,760,000
48	US 2: Leavenworth to Peshastin	Install a two way left turn lane	\$13,104,000
49	SR 28: East Wenatchee to Rock Island Intersections	Intersection improvements	\$13,440,000
50	SR 28: East Wenatchee to Rock Island Dam	Construct passing lanes	\$15,624,000
51	Badger Mountain Rd	Resurface and realign	\$18,719,568
52	Empire Ave Extension - Phase 2	Construct a new roadway	\$5,040,000
53	US 97: Blewett Pass Passing Lanes	Construct passing lanes	\$42,000,000
54	US 97: Barber Rd to Weimer Rd	Construct passing lanes	\$26,174,400
55	US 97A in Entiat	Streetscape enhancements	\$12,264,000
56	US 2: Stevens Pass East	Construct truck climbing lane	\$91,560,000
57	Boyd Rd	Widen and resurface	\$5,960,640
58	Sleepy Hollow Rd/Richared Dr	Upgrade shoulders and resurface	\$14,750,400
59	Knowles Road - Phase 2	Resurface and upgrade	\$1,797,600
60	Knowles Road - Phase 1	Resurface and upgrade	\$2,914,800
61	Skyline Dr: Number 2 Canyon to Red Apple Rd	Widen roadway	\$3,612,000
62	Woodward Dr: Springwater Ave to 5th St	Reconstruction	\$10,080,000
63	West Malaga Rd	Improved shoulders and install turn lanes	\$4,603,200



Map Ref.	Project	Description	YOE Cost
64	Castlerock Ave to 5th St Connector	Construct a new roadway	\$3,360,000
115	SR 28 & Grant Rd Interchange	Construct a single point urban interchange	\$88,032,000
116	Cascade Interchange	Construct interchange	\$52,584,000
117	Hawley St Railroad Grade Seperation	Grade seperation	\$30,240,000
118	BNSF Relocation	Relocate BNSF Terminal to Malaga	\$67,200,000
AT6	Wenatchee River Trail Crossing to Walnut St	Multi-use trail	\$19,320,000
AT7	Valley Trail	New trail connecting Wenatchee to Leavenworth	TBD
AT8	SR 285 & Maple St Pedestrian Overpass	Pedestrian overpass	\$18,480,000
AT9	Northshore Trail	Multi-use trail	TBD
AT10	Loop Trail Connection to Rock Island	Multi-use trail	TBD
AT11	Lakeside Trail	Multi-use trail	TBD
T3	US 2 Intercity Express Bus (project not mapped)	Rural BRT line: Wenatchee, Leavenworth and Chelan	\$33,600,000
T4	Rural Commuter Route (project not mapped)	Expand service: Wenatchee, Leavenworth and Chelan	\$19,668,000
T5	Expand Weekend Services (project not mapped)	Expand service: Wenatchee, Leavenworth and Chelan	\$4,470,000



