



# 6 Transportation

## 6.1 Introduction

The multimodal transportation system is integral to many facets of the City of Yakima, including land use, economic development, tourism, and recreation. The Transportation Element together with its companion document, Chapter 5 of the Comprehensive Plan Volume II Technical Analysis, provides the framework to guide the growth and development of the city's transportation infrastructure. They integrate land use and the transportation systems, responding to current needs and ensuring that all future developments are adequately served. The Transportation Element addresses the development of a balanced, multi-modal transportation system for the city and adjacent urban growth area (UGA) and recognizes the regional nature of the transportation system and the need for continuing interagency coordination.

This Transportation Element and Volume II Technical Analysis are based on a study of Yakima's existing transportation network, combined with a 20-year (2050) projection of future growth and transportation needs. The Transportation Element establishes a policy framework for making decisions consistent with the City's vision, and describes a strategy for

### GMA Goal – Transportation Element

- Be consistent with the Land Use Element, including travel forecasts of at least 10-years based on the land use plans.
- Identify the impacts of the City's land use (and transportation) plans on the on state owned transportation facilities to provide a framework for monitoring the performance of and planning for improvements for the state highways and other state facilities.
- Include multimodal level of service (LOS) standards for all locally owned arterials and transit routes to gauge the performance of the systems.
- Identify system improvements to address any LOS deficiencies.
- Include a multiyear financing plan based on the needs identified in the comprehensive plan.





accomplishing the City’s vision over the 20-year planning horizon. Based on the goals and policies in the Transportation Element, the Volume II Technical Analysis is intended to serve as a guide for transportation decisions to address both short and long term needs.

## 6.2 Planning Context

The 2050 Transportation Element was developed to address future land use growth and identify transportation needs to support future growth. This plan is required to satisfy Growth Management Act (GMA) requirements and to update the City’s transportation improvement projects and programs. This chapter of the Plan summarizes the regulatory setting and regional planning efforts that guided the development of the Transportation Plan.

### Plan Development

The purpose of the 2026 Transportation Element is to provide an update to the existing transportation element by identifying and evaluating the transportation improvement plans for the City from the years 2026 to 2050. The Element also incorporates new state regulations required for transportation planning including regulations that place an emphasis on alternative transportation options including transit, walking and rolling. This expanded focus is referred to throughout this chapter as “multimodal” transportation planning.

### Changes Since Last Plan Update

Since the last plan was completed in 2015 and updated in 2017, the City of Yakima has completed several transportation studies. They are discussed in more detail below.

#### Active Transportation Plans

Subarea and corridor plans provide the footprint for future capital projects to address capacity and safety improvements as well as a “sense of place” for subareas and corridors. In this way, improvements that are both functional and aesthetically pleasing may be developed.

#### City of Yakima Bicycle Master Plan



Source: Transpo





The 2017 Bicycle Master Plan was developed to improve bicycle transportation throughout the City of Yakima. The Plan will guide planning, development, and management of existing and future bicycle connections within the City of Yakima. The plan builds upon previous City of Yakima initiatives, including the 1995 Bicycle Master Plan, the Yakima Greenway Master Plan, and numerous on- and off-road bicycle investments made to-date.

### **City of Yakima Pedestrian Master Plan**

The 2021 Yakima Pedestrian Master Plan is a comprehensive guide adopted by the city to improve walking safety, accessibility, and connectivity for people of all ages and abilities. It establishes a framework to address infrastructure gaps, reduce pedestrian injuries, and promote active transportation. The plan provides a structured framework the city can use to develop infrastructure improvements and builds upon other planning efforts such as the Yakima County Trails Plan.

### **Annexations and UGA**

As areas in the UGA have been annexed, the total land area and number of residents within the City limits has increased over the years. As of 2025, the City includes over 27 square miles and approximately 100,000 residents (Washington OFM).

## **Governing Legislation**

The 2050 Transportation Element and Transportation Element fulfills the requirements of the Washington State Growth Management Act (GMA). Other state legislation requires the Plan include projects that address Healthy Communities and the Clean Air Conformity Act. Projects must also comply with the Americans with Disabilities Act (ADA).

### **Growth Management Act and Concurrency**

Under the Growth Management Act (RCW 36.70A.070), referred to herein as the GMA, the Transportation Plan is required to assess the needs of a community and determine how to provide appropriate transportation facilities for current and future residents. The GMA was significantly updated in 2023 as part of HB 1181, and now requires that the Transportation Plan must contain:





- Inventory of existing facilities;
- Assessment of future facility needs to meet current and future demands;
- Multi-year plan for financing proposed transportation improvements;
- Forecasts of traffic for at least 10 years based on adopted land use plan;
- Multimodal Level of service (LOS) standards for arterials and public transit, including actions to bring deficient facilities into compliance;
- Transportation Demand Management (TDM) strategies, and;
- Identification of intergovernmental coordination efforts.

Additionally, under GMA, development may not occur if the development causes the transportation facility to decline below the City’s adopted level of service standard unless adequate infrastructure exists or strategies are identified to accommodate the impacts of the development are made within six years of the development. Finally, the element must include a reassessment strategy to address how the Plan will respond to potential funding shortfalls.

### **Healthy Communities**

Recognizing the growing need for physical activity among residents, the Washington State Legislature amended the GMA in 2005 with the Healthy Communities Amendment, ESSB 5186. Comprehensive plans are directed to address the promotion of Healthy Communities through urban planning approaches that promote physical activity (in land use plan) and require the Transportation Element to include a bicycle and pedestrian component.

### **Clean Air Conformity Act**

The Transportation Plan is also subject to the Washington State Clean Air Conformity Act that implements the directives of the Federal Clean Air Act. Because air quality is a region wide issue, the City must support the efforts of state, regional, and local agencies as guided by WAC 173-420-080.

### **Americans with Disabilities Act (ADA)**

The Americans with Disabilities Act (ADA) was enacted on July 26, 1990, and provides comprehensive civil rights protections to persons with disabilities in the areas of employment,





state and local government services, and access to public accommodations, transportation, and telecommunications. Of the five titles or parts to the ADA, Title II is most pertinent to travel within the public right-of-way. Part 35, Subpart D – Program Accessibility § 35.150 (d)(3) of Title II requires local agencies to conduct a Self-Evaluation and Transition Plan. The City completed an ADA Self-Evaluation and Transition Plan in 2016 and has been working to improve accessibility across the City by removing the barriers identified in the plan through incorporation of accessibility improvements in maintenance and operations activities and capital projects where appropriate.

## 6.3 Policy Framework

The Growth Management Act requires that a transportation element be consistent with the Land Use Element and that it address:

- Land use assumption used in estimating travel;
- Estimated traffic impacts to state-owned transportation facilities resulting from land use assumptions to assist the department of transportation in monitoring the performance of state facilities, to plan improvements for the facilities, and to assess the impact of land-use decisions on state-owned transportation facilities;
- Facilities and services including:
  - An inventory of air, water, and ground transportation facilities and services, including transit alignments and general aviation airport facilities, to define existing capital facilities and travel levels as a basis for future planning. This inventory must include state-owned transportation facilities within the city or county's jurisdictional boundaries;
  - Regionally coordinated multimodal level of service standards for all locally owned arterials and transit routes to serve as a gauge to judge performance of the system;
  - Level of service standards for state-owned highways;
  - Specific actions and requirements for bringing into compliance locally owned transportation facilities or services that are below an established level of service standard;





- Forecasts of traffic for at least ten years based on the adopted land use plan to provide information on the location, timing, and capacity needs of future growth; and
- Identification of state and local system needs to meet current and future demands. Identified needs on state-owned transportation facilities must be consistent with statewide multimodal transportation planning;
- Financing, including:
  - An analysis of funding capability to judge needs against probable funding resources;
  - A multiyear financing plan based on the needs identified in the comprehensive plan, the appropriate parts of which shall serve as the basis for the six-year street, road, or transit program; and
  - A discussion of how additional funding will be raised, or how land use assumptions will be reassessed to ensure that level of service standards will be met, if probable funding falls short of meeting identified needs;
- Intergovernmental coordination efforts, including an assessment of the impacts of the transportation plan and land use assumptions on the transportation systems of adjacent jurisdictions;
- Demand management strategies; and
- Pedestrian and bicycle component to include collaborative efforts to identify and designate planned improvements for pedestrian and bicycle facilities and corridors that address and encourage enhanced community access and promote healthy lifestyles.

Creating a functional, coherent, and seamless regional multimodal transportation systems requires coordination of transportation planning between jurisdictions and agencies. To ensure the efforts of all service providers are coordinated, consistent and meet a range of regional goals, the Yakima Valley Conference of Governments and the Yakima County Countywide Planning Policies establish transportation policy frameworks for the region. Direction contained in each of these documents is incorporated in the goals and policies of this element.



Source: Transpo





## Relationship with Other Plans

The Transportation Element describes both policies and actions that are required by the City to implement the intent of the transportation plan. It is essential that the Plan be coordinated with the Comprehensive Plan, including the Capital Facilities Plan, the six-year Transportation Improvement Program and the Yakima Valley Conference of Governments Regional Transportation Plan.

### **City of Yakima Bicycle Master Plan**

The 2017 Bicycle Master Plan was developed to improve bicycle transportation throughout the City of Yakima. The Plan will guide planning, development, and management of existing and future bicycle connections within the City of Yakima. The plan builds upon previous City of Yakima initiatives, including the 1995 Bicycle Master Plan, the Yakima Greenway Master Plan, and numerous on- and off-road bicycle investments made to-date. The bicycle master plan serves as the basis for the city's new bicycle level of service standard.

### **City of Yakima Pedestrian Master Plan**

The 2021 Yakima Pedestrian Master Plan is a comprehensive guide adopted by the city to improve walking safety, accessibility, and connectivity for people of all ages and abilities. It establishes a framework to address infrastructure gaps, reduce pedestrian injuries, and promote active transportation. The plan provides a structured framework the city can use to develop infrastructure improvements and builds upon other planning efforts such as the Yakima County Trails Plan. The Pedestrian Master Plan serves as the basis for the city's new pedestrian level of service standard.

### **Airport Master Plan**

The Yakima Air Terminal-McAllister Field's Airport Master Plan was recently updated in 2015. The local jurisdictions (Yakima County, the City of Yakima and the City of Union Gap) are encouraged to adopt the plan into their Comprehensive Planning process. The Airport Master Plan has recommendations for the protection of airspace consistent with FAR Part 77. The protected airspace is a slope with its lowest point closest to the runway. Further from the runway higher objects and structures can be permitted without violating airspace.





Landowners and developers within the corridor must be informed of the constraints of the airspace protection.

### **Transit Development Plan**

The City of Yakima Transit division prepares a six-year Transit Development Plan annually. The plan identifies existing fixed route, paratransit, vanpool, park & ride lots, school service, and multimodal connections. The plan also includes short and long-range public transportation operating and capital improvement projects.

### **Yakima County-Wide Planning Policy**

The GMA also requires that counties adopt Countywide Planning Policies (CWPPs) to guide and coordinate issues of regional significance. The *Yakima County-Wide Planning Policy*, originally adopted in 1993 and updated in 2003 guides and coordinates the development of the comprehensive plans of Yakima County and all cities and towns within the county that contain goals and policies for transportation and other planning elements.

### **Yakima Valley Conference of Governments**

The Yakima Valley Conference of Governments (YVCOG) coordinates planning efforts for the region, including the development of a regional travel demand model and the *Yakima Valley Regional Transportation Plan*. Adopted in 2024, the *Plan* contains goals and policies for the region.

## **Relationship with Funding**

Identifying and securing the necessary funding for multimodal transportation projects is essential. Current projections reflect a short-fall in needs versus revenue sources. The city needs to pursue a wide range of potential funding sources at the local, regional, statewide and national level to address future capacity constraints and multimodal needs, preserve system integrity, address safety concerns and promote responsible economic development. Securing these funds will require collaboration with regional partners to jointly pursue grant opportunities.

### **Grant Opportunities**





Grant funding is typically tied to specific improvement projects and distributed on a competitive basis, often with a local funding match. Due to reduced federal and state allocations, the pool of available grant funds will likely decrease in the future. In addition, more local agencies are pursuing grants resulting in a more competitive environment.

## Agency Level of Service Standards

Traffic operations analyses provides quantitative method for evaluating how the transportation system is functioning. It is applied to existing and forecast conditions to assist in identifying issues and potential improvement options. Level of service is a measure of the quality of traffic flow and operations. It can be described in terms of speeds, travel times, delays, convenience, interruptions, and comfort.

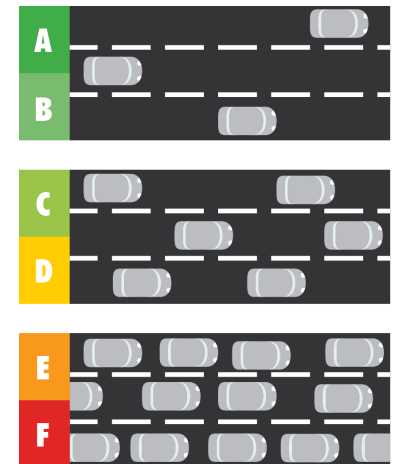
### Vehicle Level of Service

The Highway Capacity Manual (HCM) (Transportation Research Board, 2010), provides methodologies for evaluating level of service (LOS) for transportation facilities and services. The HCM criteria range from LOS A indicating free-flow conditions with minimal delays, to LOS F indicating extreme congestion and long vehicle delays.

### State Highway Level of Service Standards

Cities in Washington are required to include the LOS standards for all state routes in the Transportation Plan of their local comprehensive plan. US 12 and I-82 are state highways serving the City of Yakima and are designated as highway of statewide significance (HSS). The LOS standards for HSS facilities are jointly set by WSDOT and YVCOG. The LOS standard for facilities in Yakima County that are in urban areas is LOS D and for facilities in rural areas is LOS C. US 12 within the City of Yakima is designated as urban and has a LOS D standard.

WSDOT applies these standards to highway segments, intersections, and freeway interchange ramp intersections. When a proposed development affects a segment or intersection where the LOS is already below the state’s adopted standard, then the pre-development LOS is used as the standard. When a development has degraded the level of service on a state highway, WSDOT works with the local jurisdiction through the State Environmental Policy Act (SEPA)’s process to identify reasonable and proportional mitigation to offset the impacts. Mitigation



LOS	CONTROL DELAY (per Vehicle)	DESCRIPTION
A	10	Free flow
B	>10-20	Stable flow (slight delays)
C	>20-25	Stable flow (acceptable delay)
D	>35-55	Approaching unstable flow (tolerable delay, occasional wait through more than one signal)
E	>55-80	Unstable flow (intolerable delay)
F	>80	Forced flow (jammed)

Source: Transpo





could include access constraints, constructing improvements, right-of-way dedication, or contribution of funding to needed improvements.

### **Yakima County Level of Service Standards**

The County's standard allows flexibility for LOS to be expressed in terms such as speed and travel time, freedom to maneuver, traffic interruptions, comfort, convenience, geographic accessibility and safety. The regional LOS standards are contained in the *Yakima Valley Regional Transportation Plan* that identifies a standard of LOS D or better, when feasible and cost effective.

### **City Level of Service Standards**

The City has established LOS standards to provide for adequate mobility of traffic at intersections and adjacent roadways. The City has maintained an LOS standard of D for all intersections, including traffic signals, roundabouts, and stop-controlled intersections.

### **Active Transportation Level of Service Standards**

Recent updates to the Washington State Growth Management Act require cities in Washington to develop Level of Service standards for active (walking and rolling) modes in addition to those set for vehicle traffic. The focus for measuring LOS for active modes in this plan is on network connectivity rather than vehicle throughput or user counts since a person's choice to walk, bike or roll is primarily influenced by the availability of well-connected routes, as well as user perception of safety and conflict. People walking, biking, and rolling in wheelchairs and mobility devices are the most vulnerable users of the transportation system because they:

- Do not have a vehicle structure to protect them.
- Are smaller and lighter than larger and heavier vehicles.
- Travel at slower speeds (10-15 mph) than vehicles.
- Are exposed to vehicle passing and turning conflicts.
- Are at higher risk of injury in collisions with vehicles.

Active transportation LOS standards were developed for this plan by drawing on previous planning efforts within Yakima, namely the 2021 Pedestrian and 2017 Bicycle Master Plans. Each of these planning efforts focused on creating a network of low stress facilities that





connect neighborhoods to key destinations such as schools, urban centers, commercial areas, parks and greenways.

For the pedestrian LOS, standards focus on the presence or absence of adequate sidewalks along key routes identified by their network typology as defined by the Pedestrian Master Plan. For routes along corridors identified as Downtown/Main Street Commercial, Major Street Commercial, and School/Park/Campus Areas, sidewalks on both sides of the street are essential for providing safe access to the services and amenities found along these streets. Routes defined as Low Density Corridors and Primary Connectors are corridors without a high density of destinations along their length but that provide key connections between neighborhood centers. Therefore, sidewalks on both sides of the street are not necessary and the standard is one side only. A map of pedestrian network typologies is shown in Exhibit 6-4 and the LOS Standards for Pedestrians are shown below in Exhibit 6-1 while Exhibit 6-5 displays the current LOS for the pedestrian network.

**Exhibit 6-1. Pedestrian Level of Service**

Pedestrian Network Typology	LOS Green	LOS Orange	LOS Red
Downtown/Main Street/Major Street/School/Park/Campus	Sidewalk Both Sides	Sidewalk on One Side	No Sidewalk
Low Density Corridor/Primary Connector	Sidewalk One Side Only		No Sidewalk

For the bicycle LOS, standards focus on completing the buildout of projects recommended in the 2017 Bicycle Master Plan. The plan recommended 78 new miles of facilities such as bike lanes, shared lanes, bicycle boulevards or greenways, and improved trail connections. Where dedicated roadway space is called for via the construction of bicycle lanes or improvements to existing facilities that have not been completed, the LOS is Red, or deficient. The Bicycle Master Plan identified several corridors where traffic volumes and speed limits are already low and as such can function as shared use roadways that could be improved via signage and





traffic calming strategies. Where these corridors were identified but improvements are still needed, the LOS is Orange. Where adequate facilities exist as identified in the Bicycle Master Plan, such as the Yakima River Greenway, Powerhouse Trail and 6th Avenue multiuse path, the LOS for these corridors is Green. The map of planned bicycle facilities is shown in Exhibit 6-6 and the existing LOS for the network is shown in Exhibit 6-7. The LOS standards for Bicycles are shown below in Exhibit 6-2.

**Exhibit 6-2. Bicycle Level of Service**

LOS Standard	LOS Description
Green	Dedicated bicycle facility present
Orange	Bicycle Boulevard (dedicated space not required) not present
Red	Dedicated bicycle facility not present

**Transit Level of Service**

As part of the multimodal standards required by GMA, this plan adopts level of service standards for transit stops within Yakima. Yakima Transit utilizes 648 stop locations along city streets. The LOS standard for these stop locations in the city Right of Way is measured by proximity to sidewalks which provide vital first and last mile connections for transit users. The quality of sidewalk connections at stops directly impacts ridership, accessibility, and convenience, and high-quality pedestrian routes may help extend the reach of existing service and encourage transit use over private vehicles. LOS Green indicates that sidewalk is immediately adjacent to a bus stop and there is no break in connectivity between the transit and pedestrian network. LOS Orange indicates that sidewalk exists within 100ft of a bus stop meaning that there is some break in connectivity between networks that might discourage transit use but does not present as large a barrier as LOS Red which indicates that the nearest sidewalk is more than 100ft away from a stop. This plan recommends that the city coordinate with Yakima Transit to prioritize stop locations that are below standard for improving sidewalk connectivity.





## 6.4 Today and Tomorrow

### Conditions and Trends

The City of Yakima owns and manages transportation facilities throughout the City and UGA. The multimodal transportation system is integral to many facets of the City of Yakima, including land use, economic development, tourism, and recreation.

#### ***Vehicle Operations***

City of Yakima LOS standards are identified in this Comprehensive Plan for roadways within the City. For these roadways the standard is LOS D.

- The results of the LOS analysis indicate that all of the study intersections currently meet City LOS standards, with the exception of two intersections located at N 16th Ave / W Tieton Dr (Signal), and S 18th St / E Nob Hill Blvd (Signal). These two intersections are located on arterial roadways which are designated to serve a high number of vehicles.

#### ***Vehicle, Pedestrian, and Bicycle Safety***

The collision history of the multimodal transportation system can help identify crash patterns for all modes and is used in the development of projects to improve the safety of the City's roadways. Safety is discussed further in section 5.1.3 of the technical appendix.

- Over the last 5 years (2020-2024), there were 8,082 crashes on City of Yakima roadways, of which 169 (2%) resulted in serious injury or fatality.
- According to the Yakima Valley Conference of Governments Regional Safety Action Plan - unsafe driver behavior, lack of pedestrian facilities, and worn pavement markings are some of the largest contributors to serious and fatal collisions in Yakima.
- Pedestrian and bicycle crashes were the most common cause of serious injury or fatality for collisions in Yakima. Approximately 27% of serious injury and fatal collisions were due to a pedestrian or bicycle being involved. .



Source: Transpo



## ***Land Use Changes***

The 2050 Future Land Use Plan was developed to establish a framework for the Plan and to identify future traffic operational deficiencies. The Future Land Use Plan assumes current land uses and zoning within city limits remaining in place and household and employment growth allocated throughout the City consistent with historical trends.

### ***Yakima Regional Airport***

The Yakima Air Terminal – McAllistar Field (YKM) is located within the city limits of Yakima. This 825-acre airport has two active runways which can accommodate most types of aircraft. The Airport provides commercial passenger service and supports both corporate and general aviation activities.

In addition to the Yakima Valley, the airport serves all of Yakima County and portions of Kittitas, Klickitat, and Lewis counties. The Airport Director and supporting staff oversee the day-to-day operations and maintenance in accordance with applicable local, state, and federal regulations. The Yakima Airport has one primary Runway (9/27) measuring a length of 7,604 feet and a secondary crosswind Runway (4/22) measuring 3,835 feet. The 2015 Airport Master Plan includes extending Runway 9/27 from 7,604 feet to 8,800 feet to accommodate larger commercial and military aircraft. The airport has a number of ground-based instrumentation (ILS- VOR/DME) as well as satellite-based (GPS) instrument approaches to accommodate aircraft operations during inclement weather. The primary runway can accommodate aircraft up to 160,000 pounds with dual-wheel configuration while the crosswind runway can withstand an aircraft up to 80,000 pounds. The airport conveniently has an Air Traffic Control Tower to manage arriving and departing aircraft and is operational from 6:00am till 10:00pm seven days a week.

The Yakima Airport currently serves over 70,000 passengers per year, with plans to double by 2030. Currently, Yakima Airport provides five roundtrip flights operated by Alaska and Empire Airlines. (The Yakima Airport has seen recent growth since the beginning of the COVID-19 Pandemic in the number of enplanements with 2024 having 41,471 enplanements, a 72.48% increase since 2023. This is a decrease from 73,378 enplanements in 2016 and the 2015 Airport Master Plan goal of 75,508 by 2020.





Yakima Airport also has a significant economic impact on the region and the State of Washington. According to the WSDOT Airport Economic Impact Study, Yakima Airport has over \$591 million in business revenue and provided 2,366 jobs in 2018. In 2023, Yakima Airport transported 849,545 lbs of domestic air cargo, and 4,454 lbs of international air cargo. The Yakima urban area has a number of freight dependent industrial businesses and various other land uses that are located throughout the Yakima area. Connection to the Yakima Airport is a growing issue in the Yakima Valley as opportunities increase for freight movement by air.

### ***Roadway and Infrastructure Damage from Environmental Hazards***

As noted in Appendix A, Climate Vulnerability Assessment Memo, road users including drivers, pedestrians, cyclists, and transit riders may experience interruptions related to roadway and infrastructure damage caused by extreme precipitation, extreme heat, and wildfires. Extreme precipitation can lead to urban flooding which may limit routes and create dangerous conditions for road users who need to access their homes, jobs, or services. Additionally, extreme heat, worsened by the urban heat island effect, can damage roadways and lead to increased repair and maintenance costs and possibly unsafe conditions. Each of the hazards, including wildfire and smoke, can present major interruptions to non-drivers as poor air quality, high heat, or flooding can limit Yakima residents' ability to walk, bike, or take transit to their destinations. This disproportionately impacts low-income individuals who may not have access to a motor vehicle or other mode of transportation. See the Climate Vulnerability Assessment Memo, Appendix A, for further analysis.





## Transportation Systems Plan

The Transportation Systems Plan provides the blueprint for improvement projects and programs to meet the multimodal transportation needs of the community. Each mode has a separate systems plan that harmonize together to build the overall City plan. The Transportation Systems Plan is based on the evaluation of existing system deficiencies and forecasts of future travel demands.

### Highway and Street System Plan

Exhibit 6-3 highlights the highway and street system envisioned for the City of Yakima based on the size (number of lanes) and connectivity of City arterials and collectors. Most Principal Arterials are anticipated to be 4 to 5 lanes to best facilitate vehicular travel throughout the City. Existing Principal arterials limited to 4 lanes would be widened to 5 lanes where possible. Where widening Principal Arterials is impractical, then greater Access Management would be anticipated over time. Example corridors include 40th Street, 16th Street, 1st Street, Fruitvale Boulevard, Summitview Boulevard, Nob Hill Boulevard, and Valley Mall Boulevard.

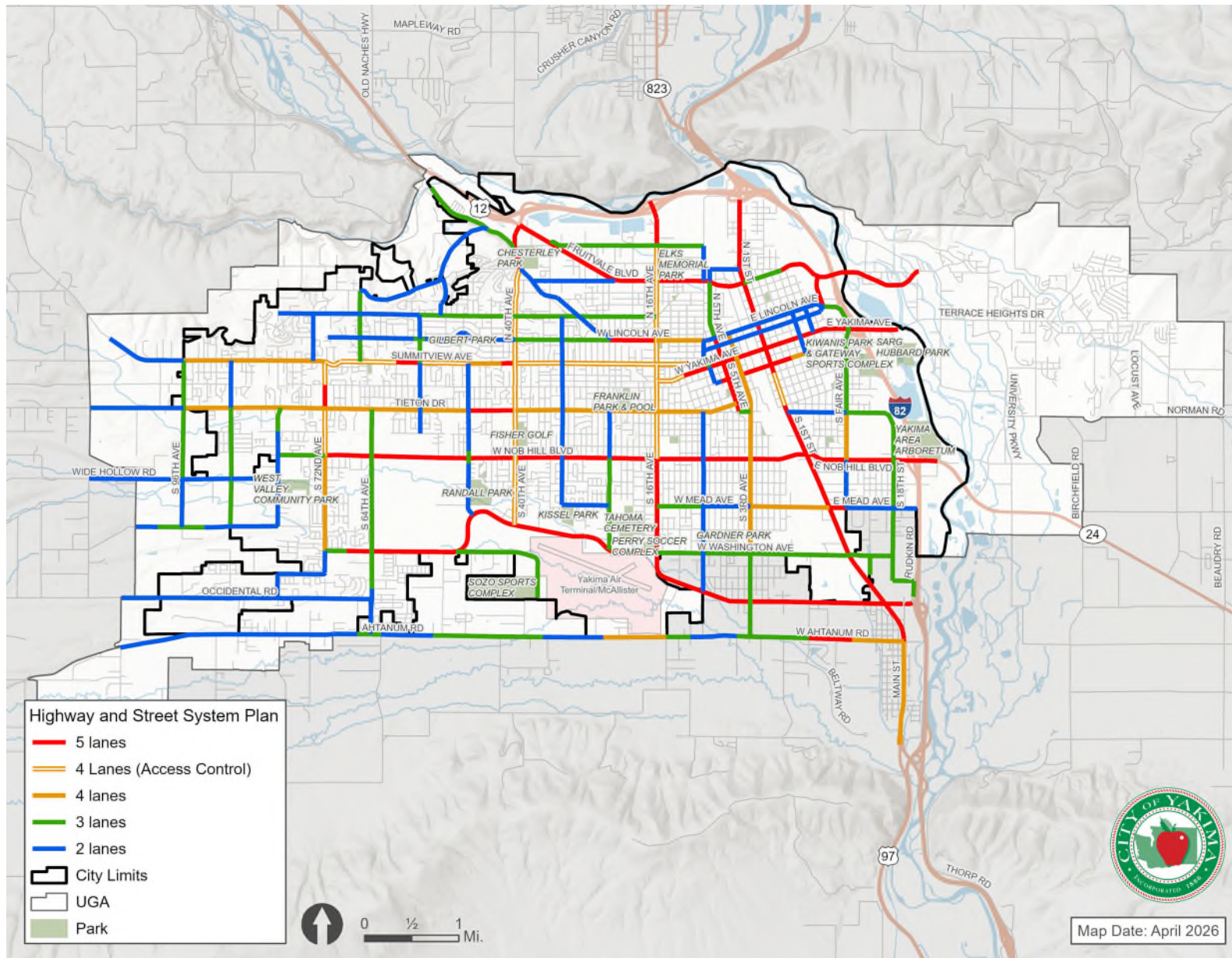
Minor Arterials would be 3 to 5 lanes wide depending on anticipated traffic volumes in the area. Major Collectors would be limited to 2 to 3 lanes, with possible exceptions in commercial areas. Existing Major Collectors with 4 lanes would likely be reduced to 3 lanes in the future. Local streets are mostly 2 lanes with possible exceptions in commercial areas.



Source: Transpo



Exhibit 6-3. Highway and Street System Plan (2050 Planned Network)





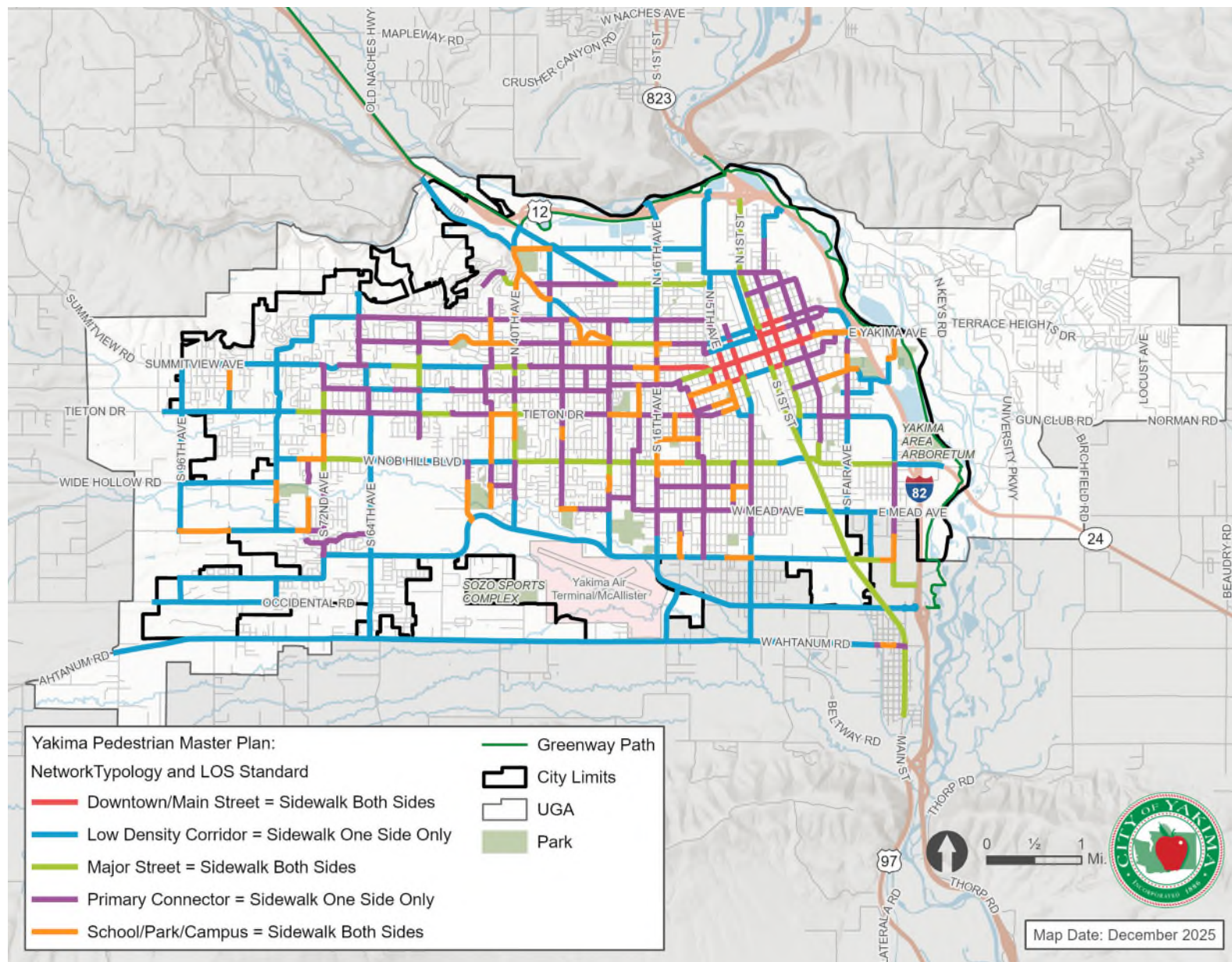
## **Pedestrian System Plan**

Sidewalks, walkways, and multiuse trails are integral to the City’s overall transportation system. The City generally desires to have sidewalks or comparable pedestrian facilities on both sides of streets, unless special circumstances make it physically or cost prohibitive. In addition, safe crossings are desired at regular intervals along a corridor to discourage unsafe pedestrian and cyclist crossings of arterial roadways. Exhibit 6-4 illustrates the priority pedestrian system for the City.



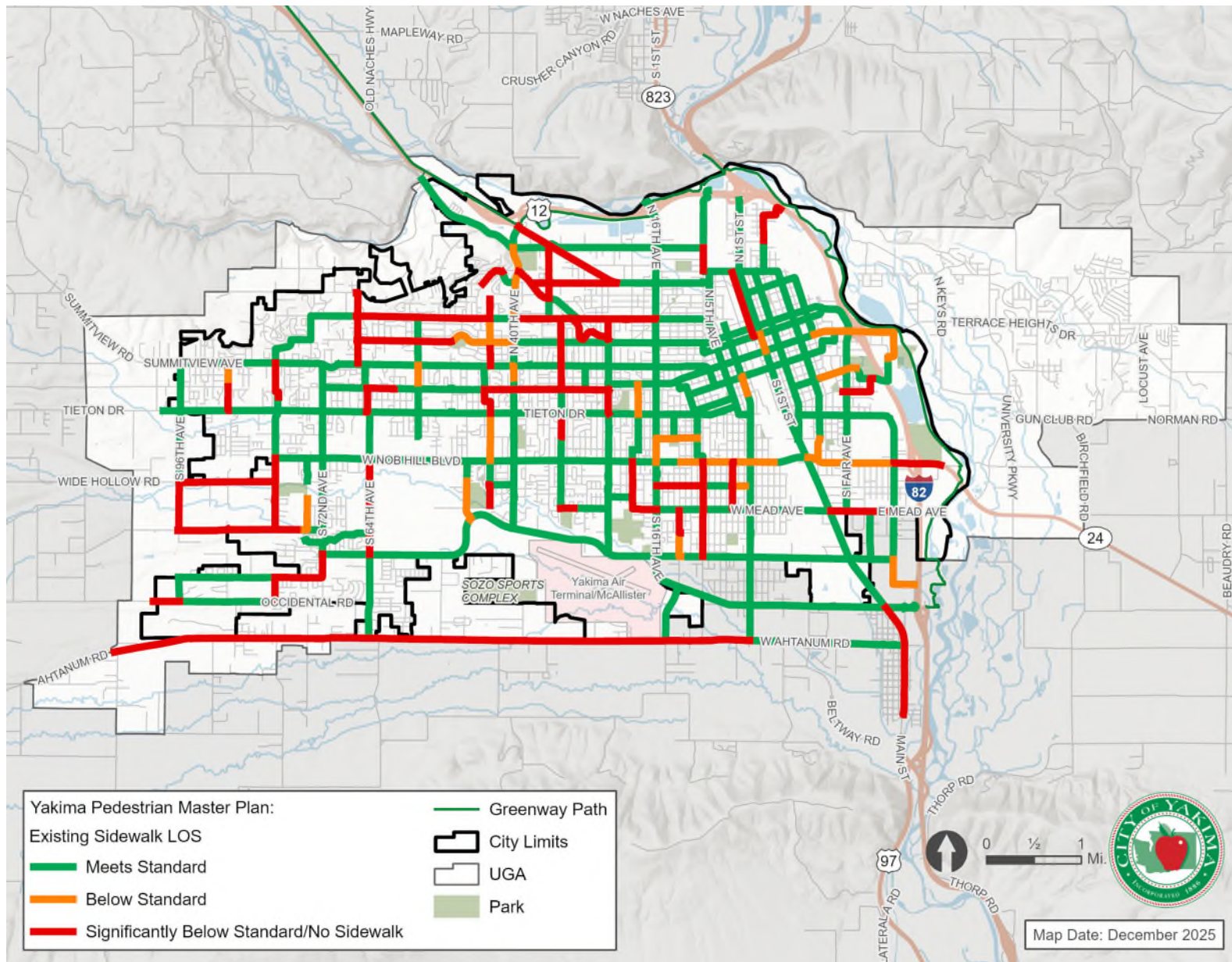


### Exhibit 6-4. Pedestrian System Plan





### Exhibit 6-5 Pedestrian Network Existing Levels of Service





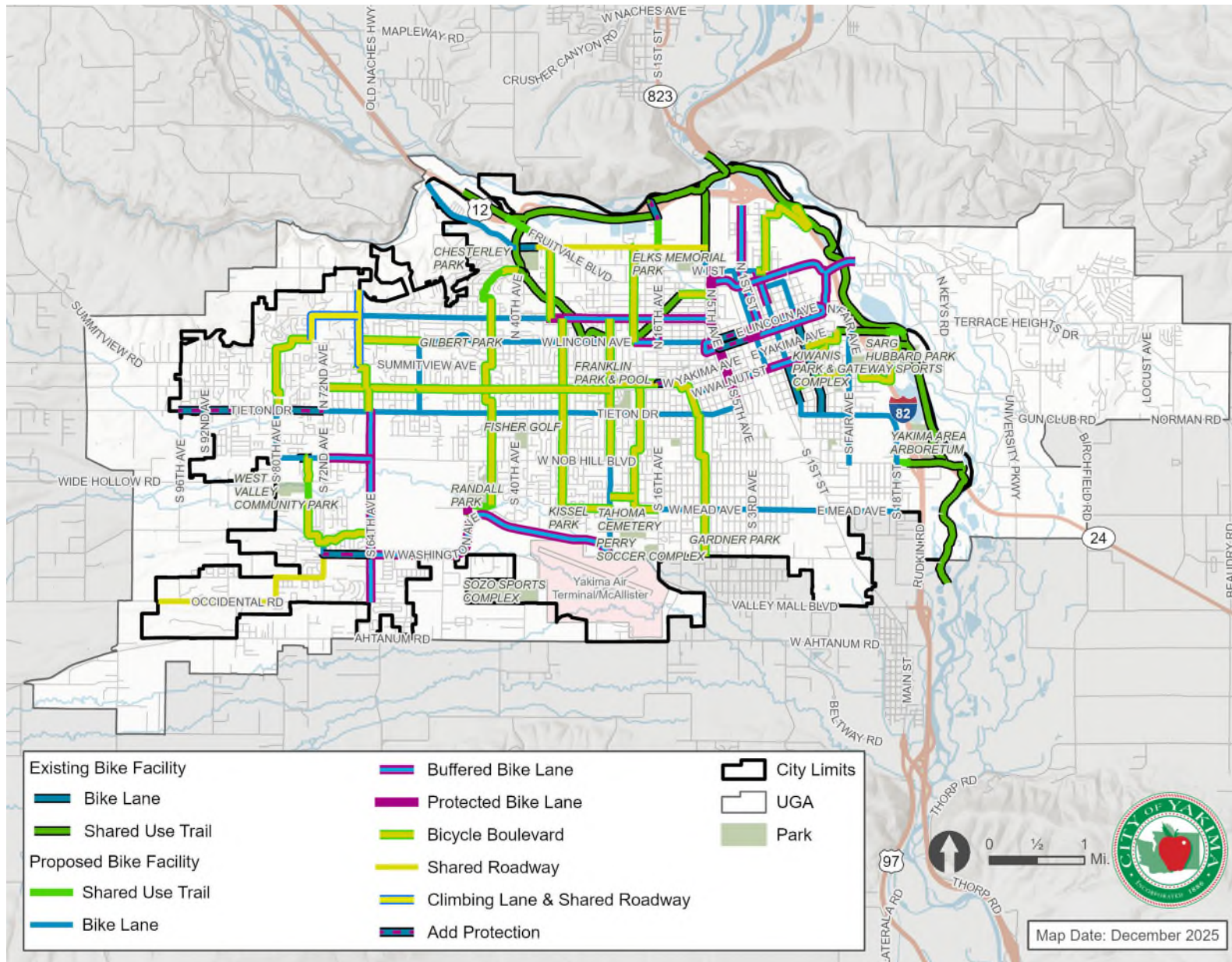
## Bicycle Systems Plan

Exhibit 6-6 shows the planned bicycle system plan for Yakima and the surrounding areas. The bicycle system plan provides comprehensive network of attractive bicycle facilities between the City’s residential neighborhoods, the transit system, employment areas, schools, and parks. The bicycle facilities will include multiuse trails, protected bike lanes, buffered bike lanes, bike lanes, bike routes, and bicycle boulevards on lower volume roadways. The 2017 bicycle master plan identified a skeleton network that, once built, would make connections with existing facilities and provide connections through downtown Yakima and to the Yakima Greenway. Many of these projects have yet to be completed, and these routes are considered part of the primary network. The primary bicycle routes indicate those corridors that have the highest priority for establishing a completely connected bicycle facility network. The secondary network indicates the arterials and collector streets that also should have basic bicycle facilities. Wide shoulders on higher speed roads and shared lane markings on low speed, low volume roads are appropriate bike facilities in the adjacent rural areas. Specific improvements for each corridor are identified; however project level planning and engineering studies are still required to determine feasibility on a project by project basis.



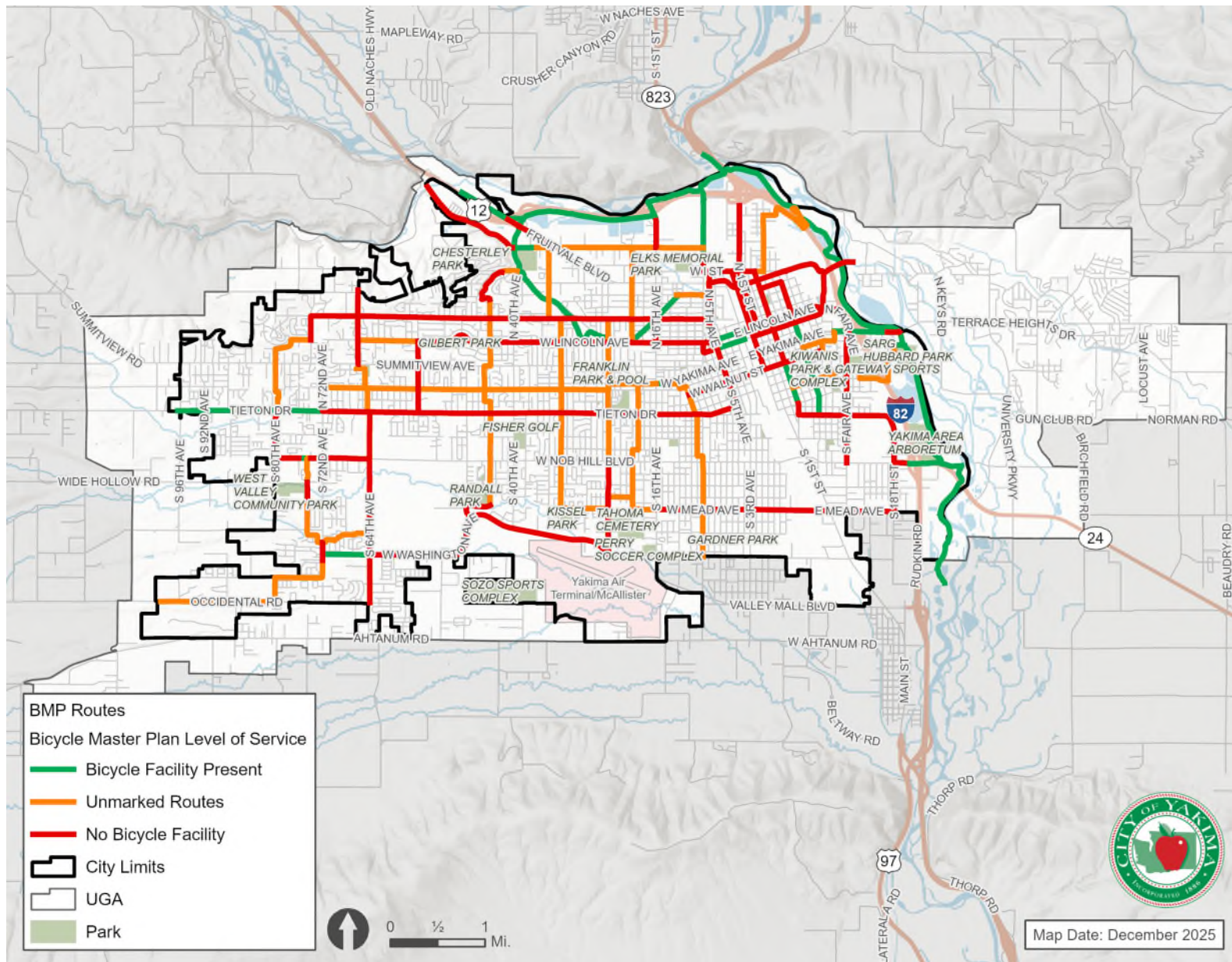


### Exhibit 6-6. Bicycle System Plan





### Exhibit 6-7 Bicycle Network Existing Levels of Service





## **Freight Systems Plan**

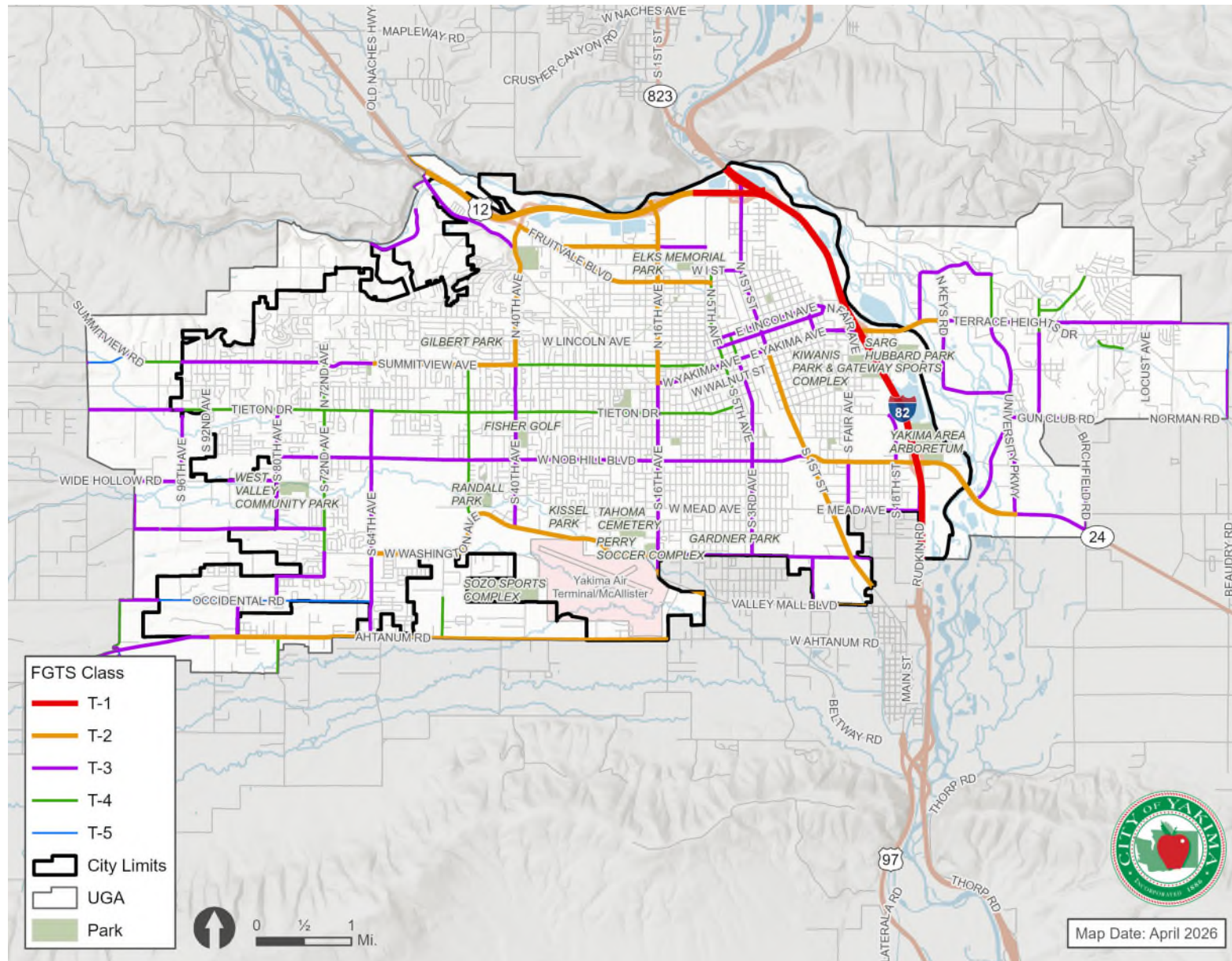
The City of Yakima has a significant level of truck activity. With increased commercial and employment growth forecast through 2040, the level of truck activity will also increase. To systematically address the needs of future truck travel, the City has adopted a defined system of truck routes.

As shown in Exhibit 6-8, the Truck Route system generally connects freight generating areas with I-82 and US 12. In northwest Yakima, Summitview Avenue and 40th Avenue are the major routes. In northeast Yakima, 16th Avenue and 1st Avenue connect Fruitvale Boulevard and Downtown areas to US 12. Yakima Avenue, Lincoln Avenue, and Martin Luther King Boulevard connect downtown areas to I-82. In southeast and southwest Yakima, Nob Hill Boulevard, Washington Avenue, Valley Mall Boulevard, and Ahtanum Road connect areas to I-82.





### Exhibit 6-8. Truck Route Classification





## Transportation Improvement Projects

The City has identified a comprehensive list of multimodal transportation system improvement projects and programs. The multimodal improvement projects address transportation needs within the existing City limits. It also identifies improvement projects within the City's unincorporated UGA needed to serve future growth within the area as it is annexed. Improvements under other jurisdictions include previously identified projects as well as potential improvements identified by the City of Yakima. The City will continue to coordinate with the other agencies in their transportation planning efforts to facilitate development of a comprehensive transportation system for the City and surrounding communities. shows a map of the projects.

The projects were categorized as follows:

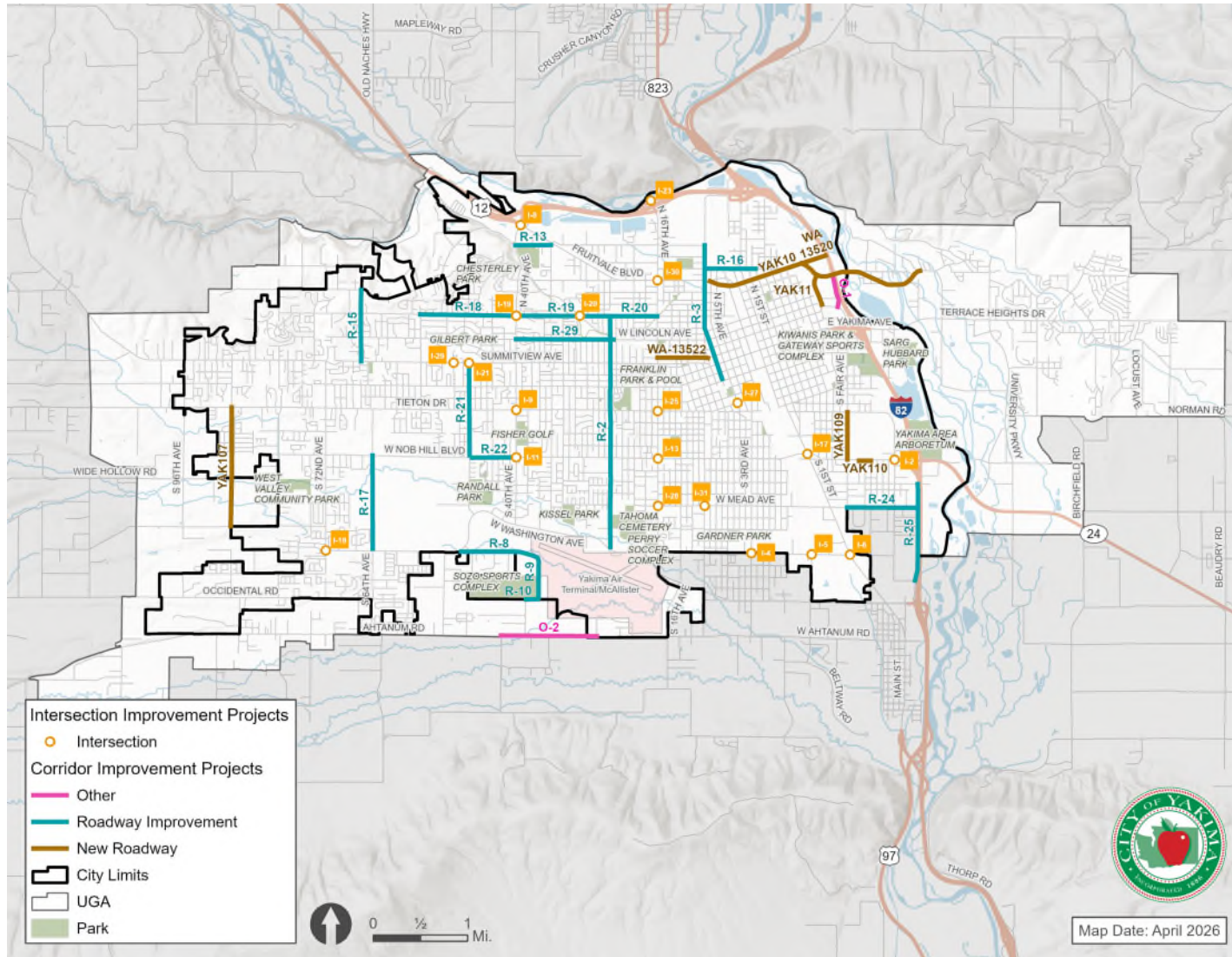
- **Intersection Improvements** include upgrading intersections through added turn lanes or modifications to traffic controls. Where applicable, improvements may also include upgrading traffic signals and implementing Intelligent Transportation Systems (ITS), which could encompass modifications to vehicle detection and coordinated signal timing.
- **Active Transportation** improvements add pedestrian and bicycle facilities to roadways or construct off-street multiuse pathways to complete gaps in the existing non-motorized network.
- **Study** includes further analysis and evaluation to develop more detailed improvement projects and cost estimates.
- **Roadway Improvements** include modifying roadways to current City design standards and incorporating multimodal improvements to serve higher traffic volumes and non-motorized travel.
- **New Roadway** includes constructing new arterials or collector roads, including non-motorized facilities.





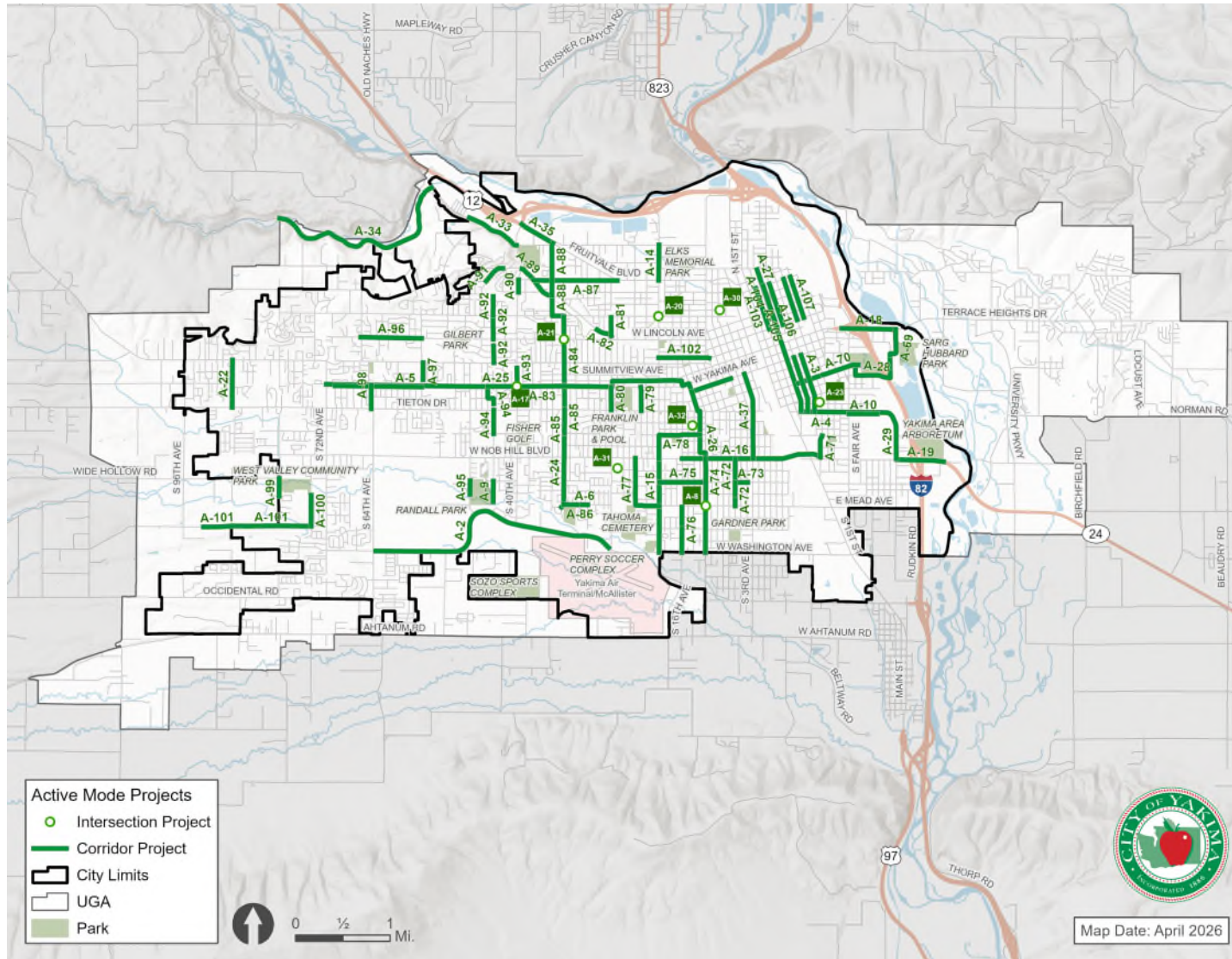
Recommended transportation improvement projects are shown in Exhibit 6-9 and Exhibit 6-10.

### Exhibit 6-9. Roadway and Intersection Improvement Projects





### Exhibit 6-10. Active Transportation Improvement Projects





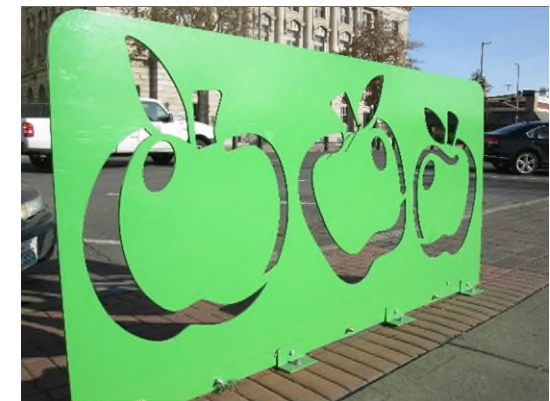
Full details (including cost estimates) of the recommended projects are included in Volume II of the Comprehensive Plan. Each of the projects have been assigned a likely timing horizon of short-range (2027-2032), mid-range (2033-2040), and long-range (2040-2050). The timing blends the relative priority of each project with the likely timing to be able to fund, design, and construct an improvement project.

## 6.5 Goals and Policies

The Transportation Element goals and policies help guide implementation of the City’s multimodal transportation system and supports the other Elements of the Comprehensive Plan and the overall vision for Yakima. The goals and policies establish the general philosophy for use of City rights-of-way and transportation funds. The policies also indicate City priorities for regional transportation system programs, including freeways, arterials, active transportation facilities, bus and rail transit service and facilities, and transportation demand management (TDM).

**GOAL 6.5.1      DEVELOP AN INTEGRATED AND BALANCED TRANSPORTATION SYSTEM IN YAKIMA THAT PROVIDES SAFE, EFFICIENT, AND RELIABLE MULTIMODAL TRANSPORTATION.**

- Policy 6.5.1.1      Use a combination of enforcement, education, and engineering methods to promote safety for all users while maintaining vehicular travel patterns and travel speeds consistent with the intent of street functional classification.
- Policy 6.5.1.2      Enforce intersection clear-view standards at intersections and access points to promote safety for all users of the transportation system.
- Policy 6.5.1.3      Maintain street signage, wayfinding, and lane markings to industry standards to heighten traffic safety, support emerging vehicle technology, and maintain clean community image.
- Policy 6.5.1.4      Monitor and analyze WSDOT vehicle collision data to identify high priority safety improvements to reduce fatal and serious injury collisions.



Source: City of Yakima



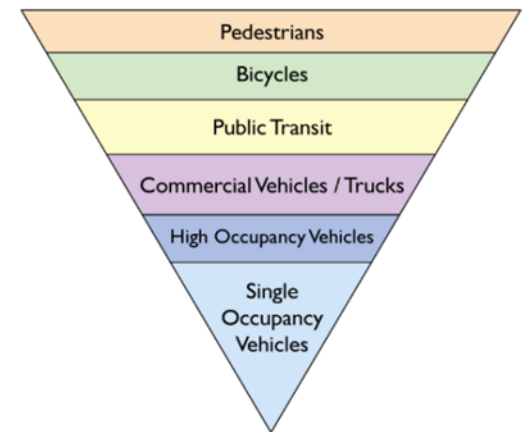


Policy 6.5.1.5 Accommodate the transportation needs of special population groups (such as ADA-related, school age, and/or elderly) in the design for all publicly funded transportation projects. Use design standards for consistent application.

Policy 6.5.16 Intentionally design the multimodal transportation system to help create and enhance a sense of place within the City. This includes gateway treatments, landscaping, pedestrian-scale elements, and lighting. Use design standards for consistent application at target locations.

Policy 6.5.1.7 Balance the mobility needs of all transportation system users, but emphasize the safety needs of vulnerable road users in planning and funding transportation improvement projects by promoting transportation mode priorities as follows:

- A. Pedestrian
- B. Bicycle
- C. Transit
- D. Freight
- E. Carpool
- F. Single Occupant Vehicle



Policy 6.5.1.8 Discourage new 4-lane and 5-lane arterial streets. Where feasible, convert existing 4-lane and 5-lane streets to 3-lane streets, with bike lanes, turn restrictions, or on-street parking, depending on forecasted vehicle volumes, street classifications, multi-modal use, and adjacent land uses.

Policy 6.5.1.9 The City adopts vehicle LOS standard D for intersections based on Highway Capacity Manual methodology.

Policy 6.5.1.10 WSDOT has adopted LOS D for state routes within Yakima and LOS C for state routes within Yakima County.





- Policy 6.5.1.11 Coordinate ADA and transit facility improvements on all projects. Evaluate if additional or relocated stops, pull-outs, shelters, or other special improvements for safety and accessibility are needed.
- Policy 6.5.1.12 The Transit LOS Standard is based on ADA accessibility of Yakima Transit bus stops within the public road right-of-way. The prioritization and completion of ADA upgrades at all bus stops provides mutual benefit to the City and transit agency.
- Policy 6.5.1.13 Support the development and adoption of a Long-Range Transit System Plan.
- Policy 6.5.1.14 Pedestrian and Bicycle LOS Standards are based on degree of completeness of sidewalk and bikeway connections as measured on the citywide Active Transportation Network. The LOS standards shown in green, orange, and red emphasize system completion of sidewalks, bikeways, or multi-use trails on arterial and collector roadways.

Active Transportation Levels of Service (LOS) Standards

- A **GREEN** LOS indicates that a primary facility meets the minimum standards set in the bicycle or pedestrian master plans for the type of facility required on that roadway.
- An **ORANGE** LOS indicates a primary facility partially meets the minimum standards set in the bicycle or pedestrian master plans. For example, sidewalks may exist on one side of the street when both sides are called for, or the level of traffic stress may already be low on a roadway even though no dedicated facilities exist for bikes.
- A **RED** LOS indicates that there are no designated active mode facilities provided where required and is considered inadequate.

- 6.5.1.15 Educate pedestrians, cyclists, and drivers regarding state laws protecting pedestrian and bicycle safety, sharing the road, and Rules of the Road,





including multi-modal rules. Promote and support special events (races and bicycle rodeos) that encourage bicycling and pedestrian safety.

6.5.1.16 Provide freight routes to serve the Yakima Regional Airport, significant industrial centers, and other freight activity centers.

6.5.1.17 Support future expansion of services at Yakima Regional Airport by anticipating any necessary transportation T28 network changes in the vicinity of the airport, including intermodal facilities.

6.5.1.18 Support future services of rail interests by anticipating any necessary transportation network changes in the vicinity of the rail facilities.

**GOAL 6.5.2 INCREASE THE SHARE OF TRIPS MADE BY ACTIVE TRAVEL MODES.**

Policy 6.5.2.1 Ensure that the city multimodal transportation networks have good connectivity to provide safe alternate routes and more direct travel. Where possible, encourage small block sizes.

Policy 6.5.2.2 Employ Commute Trip Reduction (CTR) and Transportation Demand Management (TDM) strategies to reduce vehicle miles traveled (VMT), greenhouse gas (GHG) emissions, and the need for costly vehicle capacity projects with investments in transit, active transportation, and higher density, mixed use development.

Policy 6.5.2.3 Prioritize multimodal transportation projects that create or improve safe “Walk to School Routes”, provide access to activity centers, provide linkages to transit, and connections to trails for pedestrians and bicyclists.

Policy 6.5.2.4 Work to improve pathway linkages to regional and off-street trail systems as identified in the ADA Transition Plan and Bicycle Master Plan.

Policy 6.5.2.5 Provide bicycle storage facilities at transit facilities, buses, and civic centers. Require storage facilities at employment, retail, and mixed-use developments.





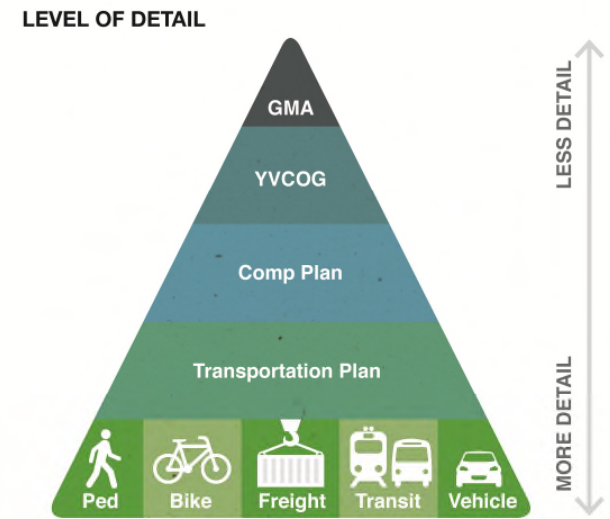
**GOAL 6.5.3 PROVIDE A TRANSPORTATION SYSTEM THAT SUPPORTS THE CITY’S LAND USE PLAN AND IS CONSISTENT WITH OTHER LOCAL AND REGIONAL PLANNING EFFORTS INCLUDING THE WASHINGTON TRANSPORTATION PLAN, YAKIMA VALLEY METROPOLITAN AND REGIONAL TRANSPORTATION PLAN, AND YAKIMA COUNTY COMPREHENSIVE PLAN.**

Policy 6.5.3.1 Maintain a Transportation Concurrency Program and Traffic Impact Study guidelines to coordinate projects related to SEPA mitigations, off-site developer improvements, and the 6-Year Transportation Improvement Program.

Policy 6.5.3.2 Require new development, infill development, and redevelopments to provide pedestrian, bicycle, and transit facilities along their street frontage consistent with adopted street design standards, ADA Transition Plan, Bicycle Master Plan, and Transit Development Plan.

Policy 6.5.3.3 Plan and support the transportation networks in the City and region in collaboration with Yakima County, the City of Union Gap, the WSDOT, and other neighboring jurisdictions.

Policy 6.5.3.4 Coordinate with WSDOT and neighboring jurisdictions regarding level of service definitions, concurrency requirements, and other impacts.



*This graphic illustrates the relative context and level of detail from local modal plans up to state GMA requirements.*





**GOAL 6.5.4 PRESERVE AND EXTEND THE SERVICE LIFE AND UTILITY OF TRANSPORTATION INVESTMENTS.**

- Policy 6.5.4.1 Maintain a program to repair and preserve existing streets surfaces, drainage, sidewalks, street lighting, and trails; including ADA-related upgrades.
- Policy 6.5.4.2 Maintain and update the City inventory of sidewalks, curb ramps, marked crosswalks, trails, bicycle facilities, transit facilities, and roadways to provide an Annual Concurrency Report in advance of the Six-Year Transportation improvement Program (TIP) to assist staff and elected officials with transportation investment decisions
- Policy 6.5.4.3 Where feasible, capital transportation improvements will be designed with low-impact development techniques for storm water runoff.
- Policy 6.5.4.4 Work to address remaining road-rail conflicts within the City. Enhance protection (signals or gates) or remove conflict (grade-separation or facility removal). Properly maintain existing grade-separation infrastructure.

**GOAL 6.5.5 ENCOURAGE AND SUPPORT A STABLE, LONG-TERM FINANCIAL FOUNDATION FOR IMPROVING THE QUALITY, EFFECTIVENESS, AND EFFICIENCY OF THE TRANSPORTATION SYSTEM.**

- Policy 6.5.5.1 Encourage projects and support grant applications and other funding sources that provide facilities (such as signage, lighting, and/or restrooms) at trailhead locations to support safe, clean, and efficient trail use.
- Policy 6.5.5.2 Actively seek and develop funding solutions to address future project and program needs and address transportation goals of the City. This includes dedicated funding sources to match state or federal funding.
- Policy 6.5.5.3 Maintain a dedicated funding source for capital, operation and maintenance of the City's Transit System.





Policy 6.5.5.4 Encourage the use of public and private funding to remove gaps in pedestrian facilities on existing roadways.

Policy 6.5.5.5 Where needed, capital transportation improvements will include removal of fish passage barriers.

## 6.6 Implementation

Yakima’s Urban Area Comprehensive Plan is implemented through the actions and investments made by the City with the support of its residents and stakeholders. Some of these actions include regulatory changes, partnerships, coordination, administrative acts, policy changes, and capital investments. The following implementation items aid in this process.

### Exhibit 6-11. Transportation Element Implementation

Implementation Item	Action Type	Result
Transportation Element	Functional Plan and Funding Plan for six and 20-year period	<ul style="list-style-type: none"> <li>Transportation improvements for addressing existing conditions and planning for short and long-term growth.</li> </ul>
Transportation Improvement Program	Six-year investment program updated annually with budget	<ul style="list-style-type: none"> <li>Transportation investment programming over short-term.</li> </ul>
Airport Master Plan	Framework to guide future development of the airport	<ul style="list-style-type: none"> <li>Coordination with airport operations.</li> </ul>
Yakima Transit Development Plan	6-year plan, reviewed and updated each year as a guide	<ul style="list-style-type: none"> <li>Coordination with transit services and projects.</li> </ul>





Implementation Item	Action Type	Result
	in planning Transit programs and capital projects	
Yakima Bicycle Master Plan	Bicycle facility design, maintenance, network, and projects	<ul style="list-style-type: none"> <li>▪ Including bicycle facilities with new projects, where appropriate.</li> </ul>

## Financial Outlook

Exhibit 6-12 summarizes the costs of the recommended transportation improvement projects and programs. These cover City of Yakima capital improvements, maintenance and operations. The costs are summarized for the life of the Plan. Some improvements under the responsibility of WSDOT, or Yakima County are included in the summary table although they will not ultimately be funded by Yakima. However, the city may choose to include a share of the costs of WSDOT improvements in its funding options.





**Exhibit 6-12. Transportation Project and Program Costs (2027 – 2050)**

Improvement Type	(2027-2050) Total Costs <sup>1,3</sup>	Percent of Total Costs
<b>Transportation Capital Projects<sup>2</sup></b>		
Intersection	\$ 114,160,000	19.0%
Roadway Capital Projects (includes maintenance)	\$ 91,590,000	15.2%
New Roadway	\$ 144,060,000	23.9%
Active Transportation	\$ 105,860,000	17.6%
Other (includes non-city led projects)	\$ 143,070,000	23.8%
Studies	\$ 3,490,000	0.6%
<b>Total Costs</b>	<b>\$602,230,000</b>	<b>100%</b>

1. All costs in 2026 dollars, rounded to \$1,000
2. Does not include other agency improvements
3. Project costs and project priorities subject to change over the life of this plan

Planning-level cost estimates were developed for the capital improvements and presented in the Forecast and Evaluation Chapter of Volume II. The planning estimates were prepared based upon average unit costs for transportation projects within the region. Planning-level costs were developed with the assumption that costs would include associated storm water development requirements, property acquisition, wetland mitigation, and utility extensions and/or upgrades, based upon historic costs for those items. More detailed cost estimates will need to be prepared as the projects are closer to design and construction. Future design studies will identify specific property impacts and options to reduce costs and impacts on properties.

The estimated capital cost of the Transportation Plan is approximately \$602.3 million (in 2026 dollars). Approximately 17.6% percent of the capital costs are associated with completion of the active transportation network in the city. These costs cover upgrading roadways to provide expanded options for pedestrians and bicyclists, along with construction of urban features such as crosswalks and sidewalks. Approximately 24% of costs are for the construction of





new planned roadways, while intersection improvements (like roundabouts and new signals) account for 19% of planned improvements. Roadway improvement projects (which includes roadway maintenance), account for 15.2% of total costs. The “other” project category includes a new interchange along I-82, a major capital project that would be led by WSDOT and would not be the responsibility of the City of Yakima to fund.

Maintenance and operations costs are included as part of the roadway capital projects – as they both use the same Street Fund. These projects include roadway resurfacing and often include sidewalk and bike lane enhancements as part of those projects (such as the recent improvements along N 1st Street).

**Funding Analysis with Existing Revenue Sources**

The City has historically used city and state tax revenues, a transportation benefit district, and grants to construct and maintain their transportation facilities. In early 2026 the City of Yakima changed the method of collecting Transportation Benefit District revenues from \$20 vehicle tab fees to a 0.1% tax increase. Funds from the 0.1% sales and use tax are used for resurfacing and rehabilitation on City streets, such as 1st Street Revitalization Phase 2, as allowed in RCW.82.14.0445. The description of this and other available funding sources and projected revenues are listed in Exhibit 6-13.

**Exhibit 6-13. Estimated Transportation Revenues (2027 – 2050)**

Capital Fund Type	Revenues Sources	Estimated Biennial Budget	Percent of Total Revenues
Streets & Traffic Fund	<ul style="list-style-type: none"> <li>&gt; Property Taxes (REET 2)</li> <li>&gt; State Gas Tax</li> <li>&gt; Intergovernmental Revenues (Stormwater/Street Sweeping)</li> <li>&gt; Charges for Goods &amp; Services</li> <li>&gt; Miscellaneous Revenues (Insurance</li> </ul>	\$8,422,000	27.0%





Capital Fund Type	Revenues Sources	Estimated Biennial Budget	Percent of Total Revenues
	Reimbursements for Motorist Damage) > Other Financing Sources (Uses)		
Transportation Benefit District	0.1% sales tax	\$6,910,000	22.2%
Street Overlay & Reconstruction	> Federal Grants > Capital Imp. Gas Tax > TBD or Transfer from TBD > Property Taxes > Fed. Highway Admin. > Dept. of Transp. > TIB > SEID Grant - Yakima County > Street Assessments	\$15,850,000	50.8%
<b>Estimated Total Revenues (biannual budget x 12)</b>		<b>\$374,184,000</b>	

The Plan results in a shortfall of approximately \$228 million (as shown in Exhibit 6-14). This assumes that the level of grants and developer commitments will be generated as estimated in the Transportation Element. The deficit could be greater if the level of development or the level of grant funding is less than forecast. The former would be offset by a reduced need for transportation improvements to accommodate growth. If the City is more successful in obtaining grants or other outside funding for projects, then the potential deficit could be reduced.





**Exhibit 6-14. Estimated Transportation Revenues (2027 – 2050)**

Revenue Source <sup>1</sup>	Total (2027–2050)
Transportation Capital Revenues	\$374,184,000
Total Capital Project Costs	\$602,230,000
<b>Total Estimated Shortfall</b>	<b>(\$228,046,000)</b>

1. All revenues in 2026 dollars

Although the financing summary identifies the potential for a total revenue shortfall of approximately \$228 million (in 2026 dollars) over the life of the Plan, the city is committed to reassessing transportation needs and funding sources each year as part of its six-year Transportation Improvement Program (TIP). This allows the city to match the financing program with the short-term improvement projects and funding. To implement the Transportation Plan, the city will consider the following principals in its transportation funding program:

- Balance improvement costs with available revenues as part of the annual six-year Transportation Improvement Program (TIP);
- Consider creation of a transportation impact fee (TIF) program
- Review project design standards to determine whether costs could be reduced through reasonable changes in scope or deviations from design standards;
- Fund improvements or require developer improvements as they become necessary to maintain LOS standards;
- Explore ways to obtain more developer contributions to fund improvements;
- Coordinate and partner with WSDOT, Yakima County, and others to implement improvements to I-82;
- Vigorously pursue grant funds from state and federal sources;
- Work with Yakima County to develop multiagency grant applications for projects that serve growth in the city and its UGA;





- Review and update the TIF program regularly to account for the updated capital improvement project list, revised project cost estimates, and annexations;

Some lower priority improvements may be deferred or removed from the Transportation Plan. The city will use the annual update of the six-year Transportation Improvement Program (TIP) to re-evaluate priorities and timing of projects and need for alternative funding programs. Throughout the planning period, projects will be completed, and priorities revised. This will be accomplished by annually reviewing traffic growth and the location and intensity of land use growth in the city and its UGA. The city will then be able to direct funding to areas that are most impacted by growth or to roadways that may be falling below the city's level of service standards. The development of the TIP will be an ongoing process over the life of the Plan and will be reviewed and amended annually.





# 7 Capital Facilities

## 7.1 Introduction

The Capital Facilities Element and associated Capital Facilities Section in Volume II - Technical Analysis are designed to provide adequate public facilities to serve existing and new development in an efficient, effective, and equitable manner. The element, along with the Capital Facilities Section of Volume II, details the inventories of existing facilities, lists future infrastructure needs, identifies funding sources, and provides the goals and policies that create a framework for capital facility planning.

Capital facility planning, as required by the Growth Management Act (GMA), must be coordinated with the City's larger land use planning process. This includes ensuring that adequate capital facilities are available as development and growth occur, along with the distribution of improvements responsive to prioritized need.

### **GMA Goal – Public Facilities and Services**

Ensure that those public facilities and services necessary to support development shall be adequate to serve the development at the time the development is available for occupancy and use without decreasing current service levels below locally established minimum standards. (RCW 36.70A.020(12))

**What are Capital Facilities?** Capital facilities involved should include, at a minimum, water systems, sanitary sewer systems, storm water facilities, reclaimed water facilities, schools, parks and recreational facilities, police and fire protection facilities. (WAC 365-196-415(2)(a)(ii))



## 7.2 Today and Tomorrow

### Conditions and Trends

The City of Yakima owns and operates the following capital facilities: police and fire facilities; roads; city buildings; the airport; transit facilities; water, irrigation, wastewater, and stormwater facilities; solid waste facilities; and parks. Additional capital facilities that are not operated by the City of Yakima, but which are necessary for development: schools; fire facilities; water and irrigation facilities by special districts. The applicable plans listed in Exhibit 7-1, which lists capital facility providers, are incorporated by reference.

#### Exhibit 7-1. Capital Facility Service Providers

Facility Type	Provider	Description	Applicable Plans
Public Buildings	City of Yakima	Includes City-owned public buildings.	Biennial Adopted City Budget, 2025-2026; Capital Budget, 2025-2029
Fire and Emergency Services	Yakima Fire Department	Provides facilities that support the provision of fire and emergency services.	Yakima Fire Department Annual Report, 2025-2030
Law Enforcement	Yakima Police Department	Provides facilities that support the provision of law enforcement services.	Yakima Police Department 2018 Annual Report
Schools	Yakima School District	Provides elementary and secondary facilities for instruction in several branches of learning and study	Yakima School District Strategic Plan 2020-2026; West Valley



Source: City of Yakima



Facility Type	Provider	Description	Applicable Plans
	West Valley School District	required by the Basic Education Code of the State of Washington. The Yakima School District serves most students within the city, the West Valley School District serves the western part of the city, and the East Valley School District serves the unincorporated UGA east of the Yakima River.	School District Strategic Plan, 2024-2030
	East Valley School District		East Valley School District Strategic Plan, 2026-2030
Parks	Yakima Parks and Recreation	Provides facilities for passive and active recreational activities.	Parks and Recreation Comprehensive Plan, 2022-2027
Streets	Yakima Public Works	Provides streets, sidewalks, traffic controls, and street lighting.	6-Year TIP, 2025-2030; Yakima Urban Area Transportation Plan, Update 2025
Transit	Yakima Transit	Provides transit service in and around the City of Yakima.	Transit Development Plan Annual Report for 2024 and Six-Year Plan 2025-2030
Air Terminal	Yakima Air Terminal	The Air Terminal is owned by the City of Yakima and provides facilities for air service. The City contracts with a third-party operator.	Yakima Air Terminal/McAllister Field Airport Master Plan, 2015; 2020 ALP Update





Facility Type	Provider	Description	Applicable Plans
Wastewater	Yakima Public Works	Provides facilities used in collection, transmission, storage, and treatment or discharge of waterborne waste within the city.	Wastewater Collection System Master Plan, 2023 Draft; WWTP Facility Master Plan, 2022; 2024 Annual Pretreatment Report
Stormwater	Yakima Public Works	Provides facilities that collect and transport stormwater runoff.	Stormwater Management Program for City of Yakima, 2024; 2023 NPDES Annual Report
Water	Yakima Public Works Nob Hill Water Associates	Provides supply of potable water to portions of the City of Yakima.	City of Yakima, Water System Plan, July 2017;Nob Hill Water Association Draft Water System Plan, August 2024
Irrigation	Yakima Public Works	Provides supply of non-potable irrigation water to portions of the City of Yakima.	City of Yakima Irrigation History, 2012
Refuse	City of Yakima Refuse	Provides refuse collection to residential customers.	Biennial Adopted City Budget, 2025-2026;





Facility Type	Provider	Description	Applicable Plans
			Capital Budget, 2025-2029

Source: Ardurra and BERK Consulting, 2025

The Capital Facilities Section of Volume II provides a detailed summary of inventoried facilities, level of service standards, and planned projects. It is based on the projected growth associated with the proposed Land Use Plan in the Land Use Element. Some highlights of the capital facilities levels of service analysis are summarized below.

**Public Buildings:** The City manages municipal and cultural buildings including City Hall, Capitol Theatre, and the Convention & Event Center. The City does not have a level of service standard for public buildings, and facilities are anticipated to be adequate to meet the needs of future growth. The City should designate an LOS standard for capital facilities deemed necessary for the operations of the City. To carry forward the current ratio of space to the projected population, the ratio would be 2,400 square feet per person. To maintain the current building inventory through the year 2040, the ratio would be 1,900 square feet per person.

**Fire and Emergency Services:** The City of Yakima Fire Department (YFD) provides emergency and non-emergency fire, rescue, and medical services to the city and surrounding area by contractual agreements. YFD has provided fire protection and medical services to Yakima County Fire Protection District #11 (Broadway) through an interlocal agreement since 2016. YFD also provides fire protection for the remaining area of Yakima County Fire District #10 (Fruitvale). Most of District #10 was annexed into the City of Yakima many years ago leaving only a small section of district just North of the city limits remaining. YFD has seen a steady increase in call volume over the past several years, with most calls being medical in nature. In collaboration with the City’s dispatch center, 911 medical calls are now triaged using a nationally recognized software program to send the most appropriate level of resources to the call dependent on its nature. The current adopted response time for fire calls is six minutes, consisting of a two-minute turnout time and a four-minute response time for the first arriving engine. The full first alarm assignment standard is eight minutes, 90% of the time. As the



Source: City of Yakima



number of calls increase and the western areas of the City continues to increase in population, the department could experience pressure on its ability to maintain the level of service in those affected areas.

**Law Enforcement:** The current LOS policy for the Yakima Police Department (YPD) is 1.8 officers per 1,000 residents. With a current population of 100,000, the department currently has a deficit of 56 officers. The projected population increase of 7,443 will require an additional 13 officers. YPD is already operating out of a constrained space; the addition of 70 officers to meet level of service standards will add to the need for new and expanded facilities.

**Schools:** The City of Yakima is primarily served by the Yakima School District and West Valley School District. The portion of the unincorporated UGA east of the Yakima River is served by the East Valley School District. Exhibit 7-2 shows the student teacher ratios at each school. Based on the projected growth (7,443 new residents), the current percentage of the population that is school aged (20%), and the average student teacher ratio (15.9:1), 93 additional teachers between the 3 school districts will be required to meet future student enrollment.

**Exhibit 7-2. School District Student Teacher Ratio**

School District	Students (2023-2024)	Teachers (2023-2024)	Student-Teacher Ratio (2023-2024)
Yakima School District	15,621	1,031	15.5:1
West Valley School District	5,570	323	17.2:1
East Valley School District	3,383	199	15:1
Average			15.9:1

Source: Ardurra, 2025

**Parks:** The Yakima Parks and Recreation Division owns 401.80 acres of property within Yakima city limits including neighborhood parks, community parks, mini-parks, pathways, parkways, one golf course, and the Tahoma Cemetery. Only 300.98 acres of parks facilities meet the





requirement to be counted towards the level of service standards. These facilities meet the standards of neighborhood parks, mini-parks, parkways, and community parks and meet the minimum requirement for ownership and operation by Yakima Parks and Recreation Division.

The City is not currently meeting the level of service standard for parks. The level of service standard for neighborhood parks, mini-parks, and parkways is 2-acres per 1,000 residents. Yakima's current service provisions for these park facilities is 0.78 acres per 1,000 resident or 78 acres of these parks. The level of service standard for community parks is 5-acres per 1,000 residents. Yakima's current service provision for community parks is 2.54 acres per 1,000 or 254 acres of these parks. This does not include 266 acres of Yakima Sportsman State Park. The 2022-2027 Yakima Parks and Recreation Division Comprehensive Master Plan highlights state-, non-profit-, private-, interdepartmental-, and interagency-owned and/or operated parks facilities that help close this existing level of service gaps and ensure that Yakima residents recreation needs are being met.

Additional analysis on parks conditions, trends, deficiencies, investments, and 2046 needs can be found in the Parks and Recreation Element of this Volume of the Comprehensive Plan as well as in the Capital Facilities Section of Volume II.

**Streets and Sidewalks:** The City of Yakima maintains over 800 miles of streets and 250 miles of sidewalk. Street classification and level of service is discussed in greater detail in the Transportation Element.

**Street Lights:** The City of Yakima maintains 4,925 street lights. The approximate cost for power consumption is around \$300k per year which works out to about \$61 per light per year. The City is in the process of converting street lights to energy-saving LED lights. There is no adopted level of service standard.

**Transit:** The City of Yakima's Transit Division operates fixed-route buses and paratransit services within the city, as well as a Yakima-Ellensburg commuter service. Free Special-Event Shuttle buses transport attendees between designated park & ride locations and special events, such as Central Washington State Fair and the Arboretum's Luminaria event, providing a cost-effective benefit to attending community-based events. Yakima Transit is funded through local transit taxes as well as Federal and State grants, while additional funds are sourced through combination of grants, interlocal funding agreements, and continual budget



forecasting. Yakima Transit utilizes a 6-year Transit Improvement Plan and Project List to assess available funding against needed upgrades to fleet vehicles and renovations to transit facilities. In 2024, investments to fleet buses included upgrades to modems, cameras, bus computers, and adding live streaming video capabilities (Yakima, 2024). A level of service methodology has not been established by the City or related agencies (Yakima, 2025c)

**Air Terminal:** The Yakima Airport (McAllister Field) is a general aviation air facility between Washington Avenue and Ahtanum Road in the south-central area of the City. The airport handles small passenger aircraft that includes flights to and from SeaTac Airport in Seattle. The Airport Terminal covers 825 acres and is owned and operated by the City. There are two active runways located at McAllister Field, which provide primary air transportation for the City and County.

The airport is a vital facility for local industries. In 2025, local business shipped over 1.6 million lbs of cargo (Statistics, 2026) out of the airport. The airport also offers land for manufacturing businesses with direct access for shipping or receiving cargo. Commercial, cargo, and passenger air service, as well as manufacturing and hanger use, is expected to continue to have a growth in demand and drive the local economy.

**Wastewater:** The Yakima Regional Wastewater Treatment Plant (WWTP) processes wastewater from homes and businesses in Yakima, as well as Union Gap, Terrace Heights, and Moxee. The City provides wastewater collection services for approximately 29,300 accounts, with approximately 339 miles of waste gravity mains, forced mains, and industrial waste truck lines and maintains 10 lift stations (Yakima, 2023). There are pockets of land in the City that are not served by sewers due to the land being vacant, challenging physical conditions, or past development allowed on septic systems. The City lacks a system-wide sewer plan to identify the specific locations of new trunk lines and the estimated engineering and construction costs.

The City drafted a Wastewater Collection System Master Plan in 2023, which considers future land use and growth. The Yakima Regional Wastewater Treatment Plant (YRWWTP) has a design capacity of 21.5 million gallons per day (MGD) with an average flow of 7.2 MGD, providing for long-term capacity to serve at current levels (Yakima, 2023). While the YRWWTP



Source: City of Yakima



has a net reserve capacity in response to projected increasing demands, some upgrades or modification to lift stations may be considered.

**Stormwater:** Yakima’s stormwater collection area includes the City of Yakima, as well as some of the West Valley area outside of city limits. As the City grows, developments will be required to install new conveyance and stormwater management systems. Maintaining level of service through 2046 will require maintaining the existing system and ensuring new facilities are constructed in accordance with the Municipal Stormwater Permit.

**Water:** Domestic Water services within the Yakima UGA are provided by the Yakima Water Division, which is owned and operated by the City of Yakima, the non-profit Nob Hill Water Association (NHWA, 2024). Water service is extended on request and new development pays for the extension of infrastructure. The current city-owned system capacity is 21.6 million gallons per day (MGD). In 2046 there will be an additional 0.3 mgd of capacity beyond the projected maximum day demand. The Nob Hill 2015 Water System Plan assumes a growth rate of over 2%. Planned growth in western Yakima is projected to increase the maximum day demand by 3,170 gpm between 2023 and 2044. and can be accommodated with the improvements identified in the association’s Water System Plan.

**Irrigation:** Many areas within the City of Yakima were originally irrigated farmland, with irrigation provided by several private irrigation systems. Today the City’s irrigation system allows customers to irrigate lawns, gardens and small farms. The City of Yakima currently serves the irrigation customers within the City with a total of 103 miles of distribution pipe. The level of service standard provides for minimum design pressure of 20 psi.

**Refuse:** The City of Yakima’s Refuse Division provides weekly garbage collection to over 35,000 households located within the City of Yakima. Annually, around 37,000 tons are collected, with around 90% of the tonnage categorized as garbage and around 10% categorized as recycled yard waste. The Solid Waste and Recycling Division operates under the mission of protecting the public health and safety of the City of Yakima and its residents through providing solid waste services that are efficient, cost effective, and environmentally responsible. An additional 4,800 housing units by 2046 will generate about 4,900 more tons of solid waste, an increase of 13%. Additional capital costs and staffing may be required to absorb the increase in demand for garbage collection.

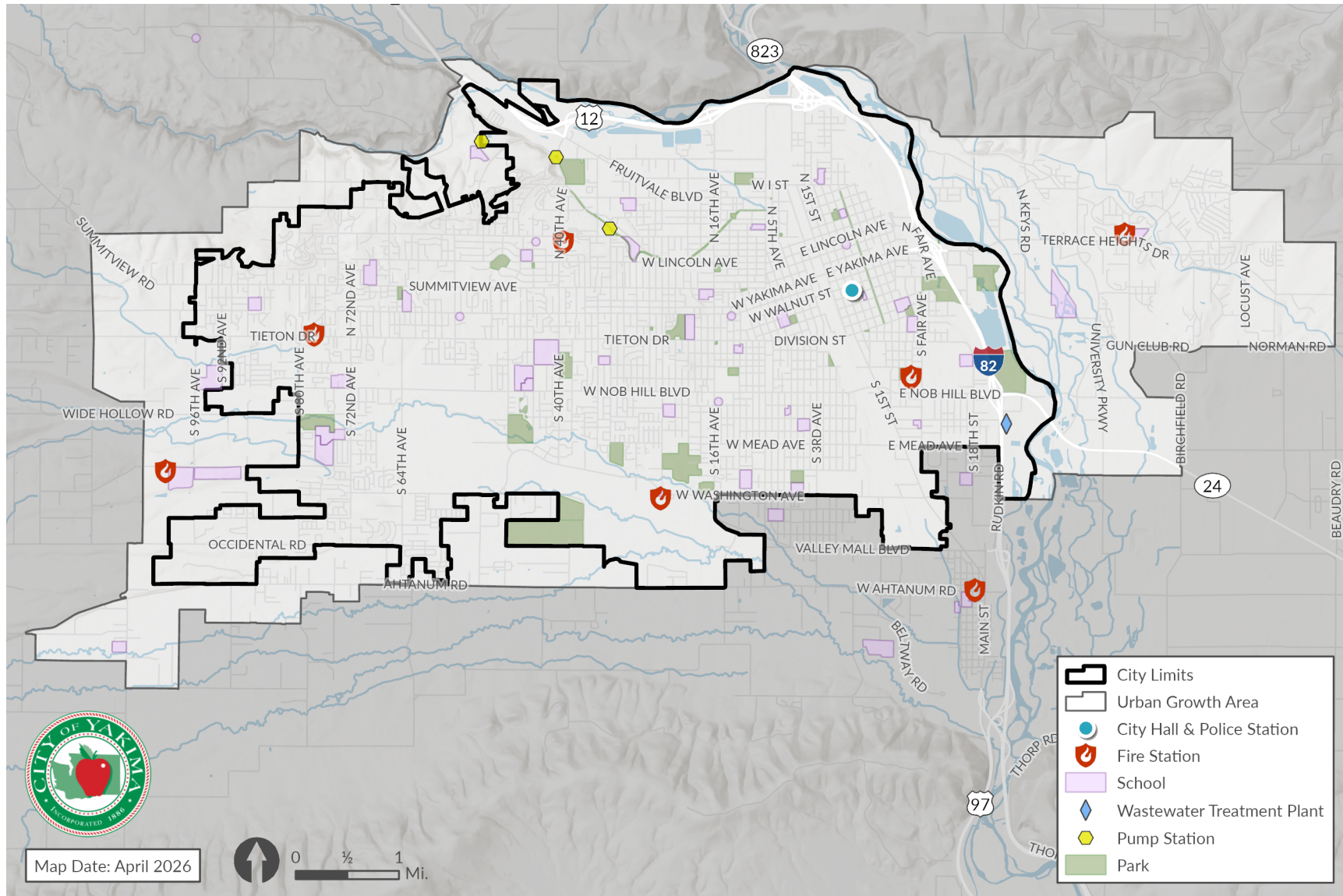


Source: City of Yakima

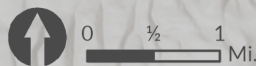


Exhibit 7-3 shows key facilities' locations in Yakima.

### Exhibit 7-3. Key Capital Facilities in Yakima



Map Date: April 2026





Source: City of Yakima, 2025; BERK 2025

## Challenges and Opportunities

### *Risks Posed to Capital Facilities by Natural Disaster Impacts*

Appendix A, The Climate Vulnerability and Risk Assessment Memo, addresses many of the risks posed to capital facilities including but not limited to increased water demand during prolonged droughts; damage to irrigation canals from fires or landslides; heat damage to roadways, sidewalks, and other transportation infrastructure; added wastewater demand during extreme precipitation events; and heat related stress for emergency personnel and outdoor public service employees. These facilities and public service providers are often the most critical assets in the event of natural disasters, extreme weather events, or other hazards and may also be the most at risk of negative impacts.

### *Financing of Facilities*

The City is operating under limited resources in terms of both operating and capital budgets. Investing in new capital facilities and maintaining them can be challenging for the City, as well as other facilities providers. As the City grows, it will be important to provide capital facilities to accommodate future growth. The City can plan to make strategic investments by focusing growth in certain areas. Although the City has limited control over facilities provided by other service providers, the City can coordinate with them for a planned growth.

### *Future Needs*

As the largest city in Yakima County and with an estimated increase of 7,443 residents by 2046, the City of Yakima will need to position itself to provide adequate services. The resulting expansion and increase in demand to accommodate future growth of the Yakima community will require additional resource capacity to maintain consistent levels of service. The Capital Facilities Section in Volume II of this Comprehensive Plan provides additional analysis of inventoried capital facilities, level of service standards, future needs, and planned projects to



Source: City of Yakima



support future growth. To ensure growth is accommodated comprehensively, each capital facility provider will need to evaluate their level of service to the community on a regular basis.

## 7.3 Our Capital Facilities Plan

The City of Yakima’s plan for capital facilities consists of the goals and policies present in this element as well as the Capital Facilities Section of Volume II of the Comprehensive Plan.

The Capital Facilities Section of Volume II includes an inventory, level of service standards and analysis, and funding analysis of key facilities, and all known capital needs to accommodate growth in Yakima. It also provides an overview of the City’s general government operations, police, schools, fire and EMS, transportation (streets, transit, air), parks, water, wastewater, irrigation water, stormwater, and solid waste facilities and their ability to serve current and future Yakima residents.

## 7.4 Goals and Policies

**GOAL 7.1      PRIORITIZE FUNDING AND INVEST IN FACILITIES TO PROVIDE SERVICES TO YAKIMA’S RESIDENTS THAT IMPROVE THE QUALITY OF LIFE, MEET SERVICE STANDARDS, AND ACCOMMODATE GROWTH.**

Policy 7.1.1      Prepare and adopt a six-year Capital Facilities Plan (CFP) regularly and include reviews of forecasts and actual growth, revenue and costs totals based on adopted level of service standards, projected facility and infrastructure deterioration either naturally over time or from natural hazards, and the means and timing by which identified deficiencies will be corrected.

Policy 7.1.2      Maintain a six-year capital budget that more specifically identifies financing and implementation of facilities. Ensure the 20-year projected growth, level of service, and funding projections are also considered in the CFP.





- Policy 7.1.3 Ensure that capital investments and service standards are applied equitably throughout the city.
- Policy 7.1.4 Ensure budget decisions are consistent with the Comprehensive Plan.
- Policy 7.1.5 Manage capital facility planning and funding consistent with the City of Yakima Financial Management Policy and Stewardship of Public Funds.
- Policy 7.1.5 Aggressively pursue funding from all levels of government and private agencies to accomplish the City’s Capital Investment Program while optimizing resources.
- Policy 7.1.6 Use the Capital Improvement Program and functional plans to prioritize facility funding.
- Policy 7.1.7 Ensure consistency between land use planning and capital planning.
- Policy 7.1.8 Use local population and employment projections as a baseline for capital facilities needs planning.
- Policy 7.1.9 Plan for long-term facility maintenance, improvement, and replacement needs as well as short-term strategies to address acute maintenance and facility needs to expand system capacity, increase efficiency, and improve resilience to natural hazards in concert with the growth of this region.
- Policy 7.1.10 Adopt a policy for level of service standards for individual services to use as a performance measure and to evaluate future capital facility needs as identified in Exhibit 7-4.



Source: City of Yakima

### Exhibit 7-4. Level of Service Standards

Facility Type	Provider	Level of Service Standard
Public Buildings	City of Yakima	<ul style="list-style-type: none"> <li>▪ In order to maintain existing level of service through 2046, the LOS policy would need to be 2,400 square feet per 1,000 population.</li> </ul>





Facility Type	Provider	Level of Service Standard
		<ul style="list-style-type: none"> <li>In order to maintain the current public building space without adding capacity through 2046, the LOS policy would need to be 1,900 square feet per 1,000 population.</li> </ul>
Fire and Emergency Services	Yakima Fire Department	<ul style="list-style-type: none"> <li>First Full Alarm Response time: eight minutes, 90% of the time.</li> </ul>
Law Enforcement	Yakima Police Department	<ul style="list-style-type: none"> <li>1.8 Officers per 1,000 population.</li> </ul>
Schools	Yakima School District West Valley School District East Valley School District	<ul style="list-style-type: none"> <li>Yakima School District: Student-teacher ratio of 15.2:1.</li> <li>West Valley School District: Student-teacher ratio of 17.2:1</li> <li>East Valley School District: Student-teacher ratio of 15:1</li> </ul>
Parks	Yakima Parks and Recreation	<ul style="list-style-type: none"> <li>2-acres per 1,000 population for Neighborhood/Mini Parks.</li> <li>5-acres per 1,000 population for Community Parks.</li> </ul>
Transportation	Yakima Public Works, Yakima Transit, Yakima Air Terminal	<ul style="list-style-type: none"> <li>See Transportation Element and Transportation Plan.</li> </ul>
Airport	City of Yakima	<ul style="list-style-type: none"> <li>Reliable and safe air service at a facility that is compatible with the community.</li> </ul>
Street Lights	City of Yakima	<ul style="list-style-type: none"> <li>None.</li> </ul>
Wastewater	Yakima Public Works	<ul style="list-style-type: none"> <li>342.8 pounds of organic loading per day per 1,000 population.</li> </ul>
Stormwater	Yakima Public Works	<ul style="list-style-type: none"> <li>Maintain per Ecology Stormwater Management Manual for Eastern Washington or equivalent as determined by the Stormwater Management Program for the City of Yakima.</li> </ul>





Facility Type	Provider	Level of Service Standard
Water	Yakima Public Works Nob Hill Water Association	<ul style="list-style-type: none"> <li>Yakima: 233 gallons per day (gpd) per equivalent residential unit (ERU).</li> <li>Nob Hill: 316.7 gpd/ERU.</li> </ul>
Irrigation	Yakima Public Works	<ul style="list-style-type: none"> <li>Minimum design pressure of 20 psi.</li> </ul>
Refuse	City of Yakima Refuse	<ul style="list-style-type: none"> <li>1.04 tons of refuse per household per year.</li> <li>Set level of service consistent with existing service of collecting 1.04 tons per household per year.</li> <li>Set service standard for percent of solid waste diverted to recycling.</li> </ul>



Source: City of Yakima

Policy 7.1.10 Reassess the land use element if probable funding falls short of existing needs. The reassessment may result in changes to growth projections, alternative level of service standards, or expanded funding or financing options.

**GOAL 7.2 ENSURE SERVICE PROVISION AND CAPITAL PROJECTS ARE COORDINATED BETWEEN CITY DEPARTMENTS, SURROUNDING JURISDICTIONS, AND WITH PRIVATE UTILITIES.**

Policy 7.2.1 Use departmental plan documents, including functional and supplemental analyses, to plan for the long-term facility needs of individual services.

Policy 7.2.3 Work with Yakima County, adjoining jurisdictions, and local purveyors to manage, regulate, and maintain the regional water, wastewater, and irrigations systems, factoring in the impacts of persistent drought, flooding, and precipitation conditions that are less predictable year over year.

Policy 7.2.3 Encourage public and private community service providers to share or reuse facilities when appropriate, to reduce costs, conserve land, and provide convenience and amenities for the public. Encourage joint siting and shared use of facilities for schools, community centers, health facilities, cultural



and entertainment facilities, public safety/public works, libraries, swimming pools, and other social and recreational facilities.

Policy 7.2.4 Encourage service providers to consolidate facilities, use existing facilities, construct within existing transportation and utilities corridors and to minimize visual impacts of new and expanded facilities where technically feasible.

**GOAL 7.3 ENSURE THAT FACILITIES AND SERVICES ARE PLANNED, DESIGNED, AND SITED IN A FAIR AND EQUITABLE MANNER.**

Policy 7.3.1 Provide equitable levels of service by accounting for existing community conditions and needs, and considering how decisions will impact different geographic areas and racial and socioeconomic groups.

Policy 7.3.2 Prioritize social, environmental, and economic equity in siting or expanding capital facilities.

Policy 7.3.3 Encourage public engagement and input into large public capital facility projects to identify community needs and community benefits.

Policy 7.3.4 Identify lands useful for public purposes as lands necessary for future capital facilities, or beneficial for recreational, educational, and other community-based uses.

**GOAL 7.4 PROVIDE ADEQUATE SERVICES WITHIN THE URBAN AREA IN A MANNER THAT PROTECTS PUBLIC HEALTH AND SAFETY, IS AESTHETICALLY COMPATIBLE, AND PROTECTS ENVIRONMENTAL QUALITY.**

Policy 7.4.1 Coordinate with other jurisdictions and suppliers in the city limits and UGA to ensure a reliable, economic source of water and to address the long-term regional water demand needs of all of the area’s agencies and suppliers.

Policy 7.4.2 Encourage water conservation by residents and businesses and undertake municipal actions to conserve water and water resources as appropriate.



Source: City of Yakima



Source: City of Yakima



- Policy 7.4.3 Encourage conversion from on-site wastewater disposal systems as sewer lines become available. Require areas with failed septic systems to connect to sanitary sewer to protect public health and safety and environmental quality.
- Policy 7.4.4 Extend City of Yakima sewer services within the city limits and UGA in accordance with planned growth.
- Policy 7.4.5 Invest in water and sewer system infrastructure in areas designated for infill and redevelopment. Ensure new growth extends infrastructure based on its demand for service.
- Policy 7.4.6 Apply the adopted surface water design manual as the minimum requirement for all development projects and other actions that could cause or worsen flooding, erosion, water quality, and habitat problems for both upstream and downstream development.
- Policy 7.4.7 Encourage community policing, crime prevention through environmental design principles, and community watch programs to improve public safety for both businesses and residences.
- Policy 7.4.8 Support the capital and operation plans of the Yakima Fire Department to assure response time objectives are met in the community. Encourage continued mutual aid agreements with other fire districts.
- Policy 7.4.9 Provide for municipal, maintenance, and public safety building space reflecting changing needs for staffing, information technology, and community service needs.
- Policy 7.4.10 Work in partnership with School Districts to offer quality education to Yakima residents. Consider partnerships with human service and parks and recreation programs and facilities.
- Policy 7.4.11 Regularly update the Parks and Recreation Comprehensive Plan to consider appropriate LOS and capital needs for six and 20 years.



Source: City of Yakima



- Policy 7.4.12 Promote active and passive park and recreation facilities that promote the community’s well-being through connections to nature and opportunities for activity and healthy lifestyles.
- Policy 7.4.13 Reduce the solid waste stream and support reuse and recycling.
- Policy 7.4.14 Implement efficient street lights that illuminate travel ways for vehicles, pedestrians, and bicyclists, and assist with crime prevention through environmental design. Avoid street light standards that cause undue light pollution or glare that disrupts natural areas, impacts views, and lead to higher energy and maintenance costs.
- Policy 7.4.15 Implement infrastructure system rehabilitation and improvements in order to safely manage services for residents and the environment.
- Policy 7.4.16 Correct infrastructure deficiencies and increase system efficiency.
- Policy 7.4.17 Study natural hazard risk to anticipate and correct for possible infrastructure failures that may result from natural hazards such as wildfires, flooding, or drought.
- Policy 7.4.18 Require concurrency for new development for transportation facilities and invest in transportation facilities to meet adopted levels of service.
- Policy 7.4.19 Protect, enhance, and restore natural systems and features for their infrastructure service and other values.
- Policy 7.4.20 Promote public facility standards and guidelines that address distinct topographical, geologic, environmental, and other conditions that may lead to service interruptions or infrastructure damage.





## 7.5 Implementation

Yakima’s Urban Area Comprehensive Plan is implemented through the actions and investments made by the City with the support of its residents and stakeholders. Some of these actions include regulatory changes, partnerships, coordination, administrative acts, policy changes, and capital investments. The following implementation items in Exhibit 7-5 aid in this process.

### Exhibit 7-5. Capital Facilities Implementation

Implementation Item	Action Type	Result
Capital Facilities Plan	Functional Plan and Funding Plan for six and 20-year period	▪ Capital improvements for short and long-term and associated revenue projections to plan in balance with needs and resources
Capital Improvement Program	Six-year investment program updated annually with budget	▪ Capital investment programming over short-term

