

Travel Washington Intercity Bus Program

Summary at a Glance



Acknowledgments Project Background 4 and Intercity The Washington State Department of Transportation's (WSDOT) Public **Bus History** Transportation Division is pleased to present the Executive Summary to complement the Travel Washington Intercity Bus Program 2024 Study Update. **Existing Intercity** 10 **Bus Network** Intercity bus service is an essential part of the transit system for people living and travelling in Washington state. The Travel Washington Intercity Bus program's **Evaluation** 18 goal is to improve access, with a particular focus on rural areas. The program Methodology achieves this goal in partnership with private bus operators by providing meaningful connections to urban centers and the national intercity bus network. Service 28 The end result is more convenient, reliable, and safe travel in Washington. Recommendations We'd like to acknowledge the efforts of our consultant, Transpo Group. The knowledge and expertise they brought to this project helped make it a success. Policy 36 Recommendations Envirolssues also played a key role in managing public outreach and engagement efforts, including the public survey, while David Evans & Associates served as intercity bus subject matter experts. Finally, we'd like to acknowledge input from members of the study advisory committee, current and potential riders, elected officials, bus operators, and the many, many other partners that helped make this study a reality. Don Chartock Deputy Director, Public Transportation Division don.chartock@wsdot.wa.gov **WSDOT**

1 Project Background and Intercity Bus History

The Washington State Department of Transportation (WSDOT) has been operating the Travel Washington Intercity Bus Program ("Travel Washington") since 2007 under Federal Transit Administration's (FTA) Section 5311(f) program. The Travel Washington program was created to ensure residents of rural communities have access to critical services, job opportunities, and transportation to larger urban areas.

The FTA requires that states assess possible unmet needs for rural intercity bus service every four years. To that end, a proviso in the 2024 Supplemental Transportation Budget allocated state funds to update the Travel Washington program plan, with a focus on investigating the feasibility of adding service in the Yakima Valley, which the 2019 update identified as a possible location for service expansion. The most recent intercity bus program plan was completed in 2019, prior to the COVID-19 pandemic which upended intercity bus service, resulting in reductions or elimination of private, unsubsidized intercity bus services. These changes, combined with operational cost increases and ongoing shifts in the national intercity network, introduced the opportunity to develop a more comprehensive strategy.

While this effort focused heavily on the Yakima Valley, the study recognizes the importance of addressing connectivity challenges throughout Washington. The effectiveness of Travel Washington depends on meaningful connections to the state and national intercity bus network. By providing dependable and intentional connections, the Travel Washington services improve access to larger transit networks, allowing passengers, particularly in rural areas, to travel efficiently between local, regional, and national locations, closing transportation gaps, and increasing people's access to opportunities and services.

Section 5311(f) requires that states spend 15% of their overall 5311 funding allocation on rural intercity bus projects.

"Meaningful
Connections"
refer to timely
and integrated
linkages that
improve mobility
between services
at intermodal hubs.

2007

Travel Washington Intercity Bus Program established

2019

Update to the Travel Washington Intercity Bus Program Plan completed

2020

COVID-19 Pandemic disrupts intercity bus service

2023

A proviso in the 2024 Supplemental Transportation Budget allocates state funds to update the Intercity Bus Program plan

2024

Intercity Bus Program Study update completed and published

Study Purpose

The Intercity Bus Program Study evaluated the existing intercity bus service within Washington. The Study presents the outcomes of a feasibility study to determine where potential service expansions will be most cost-effective, while addressing the program's goals oflinking rural areas and restoring meaningful connections to the existing intercity network.

Goals and Objectives

The goal of Travel Washington is to connect rural communities to major transportation hubs and urban centers, fill gaps in the public transportation network, and make travel more accessible, reliable, and convenient by offering connections to the national intercity network. The three study goals reflect this greater goal.

Equity

Commit to equitable public outreach and engagement, resulting in service recommendations that meet the needs of Washington's diverse residents, particularly those with the fewest transportation options.

Accessibility

Improve access to intercity bus service to help people get where they need to go when they need to go.

Safety and Comfort

Address safety and comfort for riders at existing and future bus stops and transfer points.





History of Intercity Bus in Washington

For over a century, intercity bus service has been a pillar of Washington state's transportation network, connecting rural communities to metropolitan areas and promoting the state's growth.



In the early **1900s**, private companies established bus routes connecting critical destinations.



The intercity bus industry expanded in the **1920s** and **1930s**, with companies like North Coast Lines and Greyhound providing connections between rural and urban areas.



During World War II, buses played a key role in transporting military personnel, and after the war, the industry expanded with new routes and amenities to accommodate leisure travel.



The industry consolidated further in the **1960s** and **1970s**, with Greyhound and Trailways emerging as the primary operators and smaller carriers discontinuing rural routes.



In 2007, Travel Washington's Grape Line was established, driven by the discontinuation of Greyhound service in Walla Walla.



The Gold Line, added in **2010**, was the last new service added as part of the Travel Washington program.

1900 1940 1960 1980



Intercity bus served as an affordable travel option during the **Great Depression** and helped the industry grow into a connected national network.



By the **1950s**, the rise of private automobile ownership led to a decline in bus travel.



In 1982, the intercity bus industry was deregulated, which allowed companies to abandon unprofitable routes, leaving many rural areas without service.



The Dungeness Line and Apple Line were added to Travel Washington's services in **2008**.



The COVID-19 pandemic introduced several challenges, including suspended or reduced service, workforce shortages, carrier consolidations, and the sale of bus stations and other physical assets.

Looking Forward





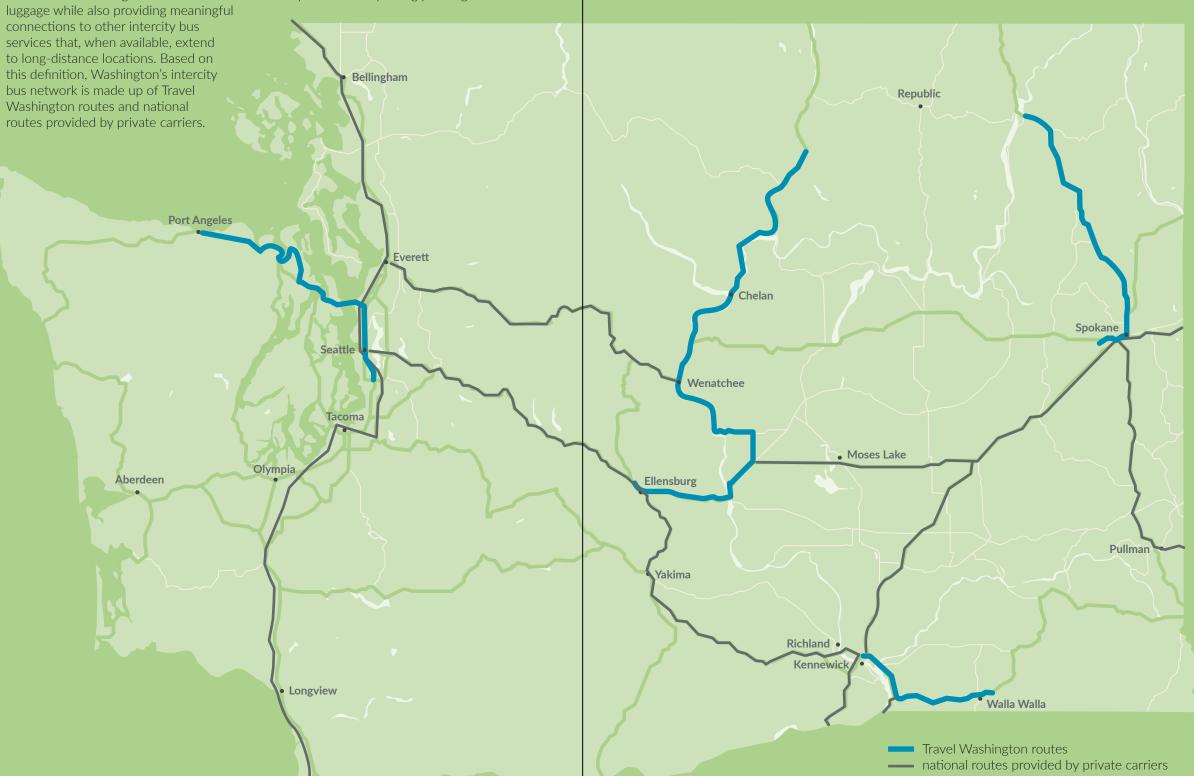


2 Existing Intercity Bus Network

Defining Intercity Bus Service

The FTA 5311(f) program defines intercity bus service as regularly scheduled public bus service that operates on fixed routes and connects two or more urban areas that are not close together. This service must be capable of transporting passengers' luggage while also providing meaningful

Vancouver



Apple Line

The Apple Line travels between Ellensburg and Omak. This line runs daily, with one round trip per day.



Dungeness Line

The Dungeness Line travels between the Port Angeles Gateway Transit Center and Sea-Tac Airport. This line runs daily, with two round trips per day.



Port Angeles Gateway Transit Center

Clallam Transit
Black Ball Ferry Line

Sequim

Clallam Transit Jefferson Transit

Discovery Bay junction of SR 20 & US 101

Clallam Transit
Jefferson Transit

Edmonds Ferry Terminal

Port Townsend Four Corners

Jefferson Transit

WA State Ferry Sound Transit Community Transit

Amenities

Food

Restrooms

Seating

Shelter

Sign Only

Staffed

Station

Kingston Ferry Terminal WA State Ferry

Jefferson Transit

Virginia Mason Hospita

Polyclinic Madison King County Metro

King County Metro

Swedish Hospital First Hill Campus King County Metro

Arnold Medical Pavilion King County Metro

Harborview Medical Center King County Metro

Seattle King Street Station

King County Metro, Sound Transit, Amtrak, FlixBus, Northwestern Stage Lines, Amtrak Thruway

Seattle Greyhound Station

King County Metro, Sound Transit, Amtrak, FlixBus, Northwestern Stage Lines, Amtrak Thruway

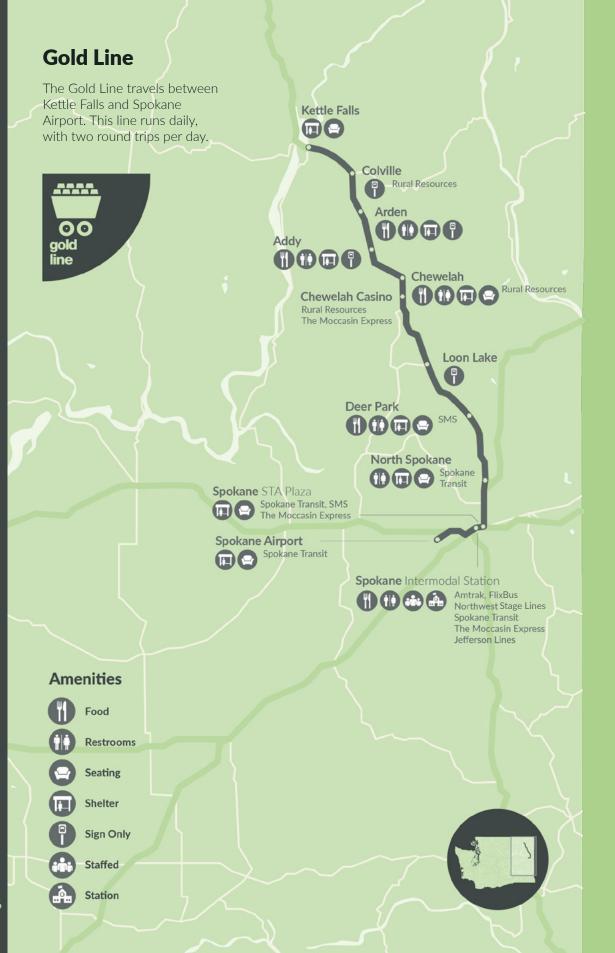
Seattle VA Hospital

King County Metro

Sea-Tac Airport

King County Metro
Sound Transit FlixBus





Grape Line

The Grape Line travels between Walla Walla and Pasco. This line runs daily, with three round trips per day.



Amenities



Food













Station

Pasco Transit Center

Ben Franklin Transit

Pasco Intermodal Station

Ben Franklin Transit-FlixBus

Ametrick

Amtrak

Tri-Cities Airport

Pasco Tri-Cities Airport

Ben Franklin Transit



Walla Walla Airport

Valley Transit

Valley Transit Station

Valley Transit

Valley Transit

The Moccasin Express

College Place

Valley Transit
The Moccasin Express

Whitman College
Valley Transit

Valley Transit



Evaluation Methodology

User Characteristics and Network Travel Patterns

Existing demographic, socioeconomic, and travel demand characteristics of Washington residents were evaluated, focused on likely intercity bus rider characteristics and trip types.



Likely Intercity Bus Rider Characteristics

- People with low incomes
- Non-white populations
- Households with no or limited vehicle access
- People with disabilities
- People aged 60 and older
- People aged 18-24 (studentaged populations)



Likely Intercity Bus Trip Types

- Healthcare
- Connections to transportation hubs
- Recreation
- Shopping/errands
- Educational institutions
- Commute/business
- Correctional facilities

Statewide Community Conditions

25%

of households are asset-limited, income constrained, employed (ALICE).

6.8%

of households do not have access to a personal vehicle.

43%

of older adults live with a disability.

8%

of the population selfreports having limited ability to speak English.

86%

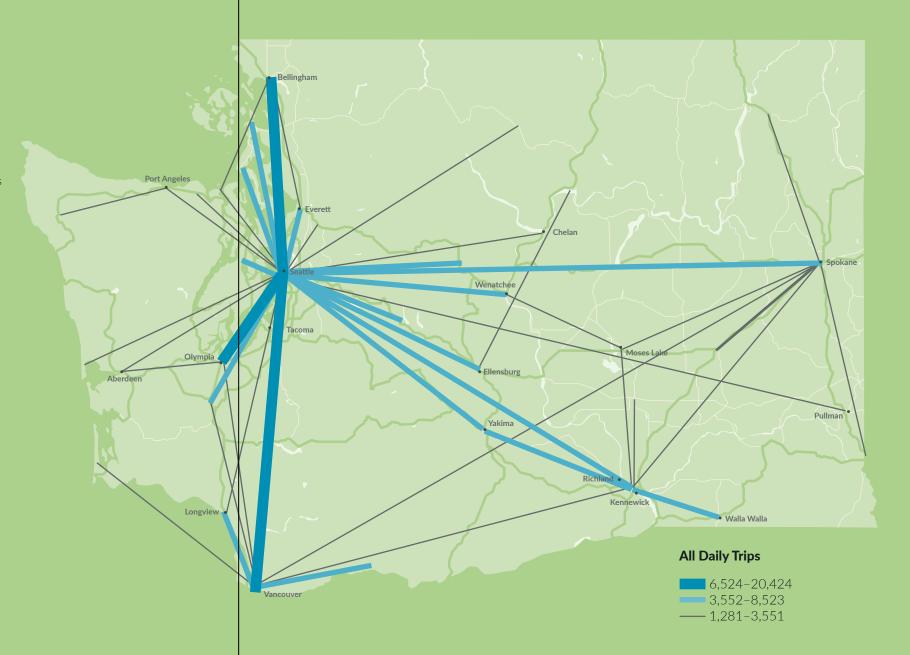
of individuals with limited English proficiency are non-white.

I-5

The majority of key services are located in King County or along the I-5 corridor.

Network Travel Patterns

To understand long-distance travel patterns in Washington state, demand for trips exceeding 50 miles was evaluated for each likely intercity bus rider group. Demand was translated into origin-destination (OD) pairs representing demand between resident's home region and their desired destinations.



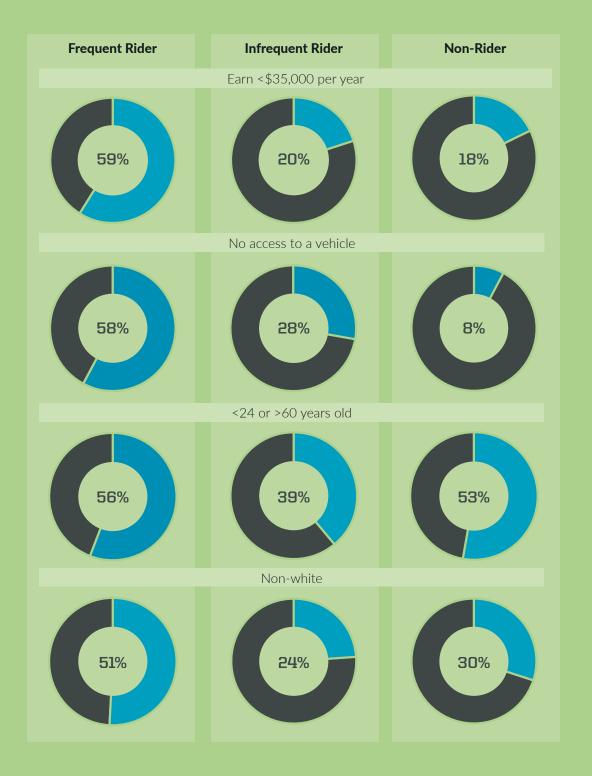
Public Engagement

Survey

A public survey was conducted to determine the travel habits, preferences, and needs of current and prospective intercity bus passengers. Results provided a comprehensive overview of the factors influencing intercity bus usage and areas for evaluation and improvement.

To better understand the difference between survey respondents' characteristics, travel needs, and intercity bus service recommendations, responses were grouped by frequency of intercity bus use (non-rider, infrequent rider, frequent rider).

Frequent Rider	Infrequent Rider	Non-Rider
Access to Service		
 Take the local bus Walk or bike Driven by family or friends 	 Take the local bus Driven by family or friends Walk or bike 	N/A
Primary Trip Types		
 Errands or shopping Visiting friends or family or other social activities Recreational activities 	 Visiting friends or family or other social activities Recreational activities Errands or shopping 	N/A
Reasons for Use		
 Good for the environment Saves money Do not have a car 	 Good for the environment Saves money Don't have to look/ pay for parking 	N/A
Barriers to Use		
 Not available on days I need Not available at times I need Does not go where I need to go 	 Not available on days I need Does not go where I need to go Trip takes too long 	 Does not go where I need to go Does not come close enough to my home Not available at times I need
Strategies for Improvements		
 Bus comes more often Routes to new destinations Improve bus stop conditions 	 Bus comes more often Routes to new destinations Improve bus stop conditions 	 Routes to new destinations Bus comes more often Better information about services



Information Gathering Events

In-person and virtual engagement events were conducted, focused on gaining insight from riders, non-riders, key population groups, and representatives from transit operators, MPOs, RPTOs, and other organizations.

Engagement events comprised of

- 4 tabling events
- **2** listening sessions
- 8 open houses.

Through these events, several key needs emerged.



Increased Frequency



New Routes (or Extend Current Routes to New Destinations)



Improved Connections



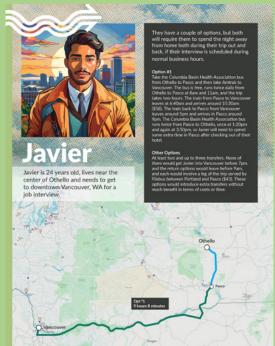
More Information/ Targeted Marketing

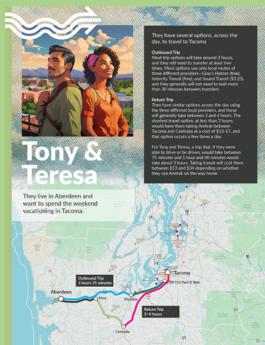
"It is more difficult to get to the intercity lines from the more rural areas that are lacking in local transit connections, especially when you have to coordinate times."



"One of the major needs is getting out to people so they can know what services are available – so they know the formulas for getting places."









Intercity bus rider demographics and trip types, community characteristics, and travel demand were integrated to create fictional personas to help reflect the challenges and opportunities within the current intercity bus network from a more grounded perspective.

Development and Evaluation of Key Corridors

Corridor-Level Gaps and Needs

Based on the evaluation of user characteristics and travel demand, as well as insights from the public engagement activities, geographic, temporal, and service frequency gaps were identified based on the following criteria.



Geographic

- Physical geographies and regions that are currently unserved by intercity bus.
- Existing intercity bus routes that have limited stop locations, such that lower-population communities are unserved.
- Origin-Destination pairings in which travel by intercity bus is possible with transfers but not possible on a one-seat ride.
- Communities in which connections are not locations of various providers are not colocated.



Temporal

- Mismatch between local transit service hours/ schedules and intercity bus service hours.
- Poor connection times between Travel Washington routes and the national intercity bus network.
- Poor connection times between Travel Washington routes and Amtrak.



Frequency

- Major corridors in which intercity bus service is only provided once per day.
- Key origin-destination pairings in which out and back travel cannot be completed in a single day.



Corridor Evaluation

In response to the geographic gaps and needs, high-level corridors valuable to statewide intercity connectivity were identified. Screening and evaluation processes were undertaken based on a set of key performance criteria.

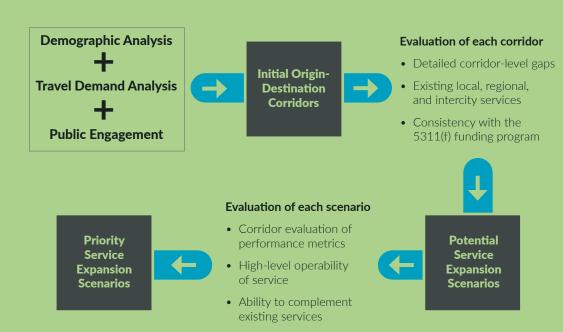
Potential Demand: The potential demand of intercity bus travel for each expansion scenario, based on the modeled number of long-distance trips along each route.

Accessibility: The total population within a 10-mile buffer of each stop location to determine the net new population served by each expansion scenario.

Connectivity: The utility of new or expanded services in providing connections to the greater intercity bus network.

Equity: Further evaluation of each previous performance measure from an equity lens to understand the impact on vulnerable, disadvantaged, and un- or underserved populations.

The evaluation criteria were a key component in developing priority expansion scenarios, which are the basis for proposed service recommendations.



4 Service Recommendations

Proposed Service Recommendations

Service recommendations include new routes, new stop locations along existing routes, and increased service frequency along existing routes. Recommendations were categorized as primary (near-term implementation) and secondary (medium- to long-term implementation). Changes to existing services are considered primary recommendations due to their ability to be implemented in a shorter time frame. For new routes, the performance criteria evaluation, in addition to operability and compatibility with existing services, were key components in determining which routes are considered primary recommendations.

With primary service recommendations implemented:

72% of the state's population would be within 10 miles of an intercity bus stop.

Limited English Proficiency (LEP) populations and People of Color would see the greatest overall increase in access to intercity bus.

Ridership is projected to more than double, with an annual operating cost of approximately \$8-\$10 million to fund the primary service recommendations.

With all service recommendations implemented:

83% of the state's population would be within 10 miles of an intercity bus stop.

Zero-car households would see the greatest overall increase in access to intercity bus, followed by low-income households.

Summary of proposed service recommendations



- A Expansion from two daily round trips to three daily round trips
- B Expansion from one daily round trip to three daily round trips
- Geographic extension to Republic and expansion from two daily round trips to three daily round trips
- D New service with three daily round trips

Ellensburg to Tri-Cities

This new route would provide service between Pasco and Ellensburg, serving communities along the Interstate 82 corridor, including Sunnyside and Yakima. The proposed service would effectively replace the Greyhound service lost in 2022 and provide access to even more communities not previously served by intercity buses.

Needs and Gaps Addressed

- Provides service along an existing intercity bus corridor that previously experienced a higher level of service, while adding stop locations in communities that have not historically been served by intercity bus.
- Serves a region with a high concentration of likely intercity bus riders.
- Addresses origin-destination connections identified in the travel demand analysis and public engagement efforts.
- Addresses service frequency along this corridor, which is currently only served by one daily intercity bus trip.
- Improves connections to services in Ellensburg and Tri-Cities by eliminating the need for transfers between some public transit services.
- Improves weekend service, as some existing public transit services do not operate daily.
- Improves connections by using the existing FlixBus stop at CWU in Ellensburg.

Operational Highlights

- 3 daily round trips per day
- 4.5-hour one-way run time
- Projected annual ridership: 10,668 passengers
- Estimated annual operating cost: \$2.13M-\$2.87M
- Projected cost/rider: \$200.10-\$268.88

Intermodal Hubs

Ellensburg



Yakima



Pasco







Tri-Cities to Spokane

This new route would provide service between the Tri-Cities and Spokane, serving communities along US Highway 395, State Route 17, and Interstate 90, such as Moses Lake, supplementing existing intercity bus service with limited stop locations along this corridor.

Needs and Gaps Addressed

- While this corridor is currently served by intercity bus, service would be more cohesive and provide recommended service frequency between Ritzville and Tri-Cities (currently one daily round trip).
- The proposed route deviates from any available existing service, providing stop locations in rural communities that are currently unserved.
- Serves multiple communities, predominantly agricultural communities, with high concentrations of likely intercity bus riders.
- Addresses multiple origin-destination connections identified as part of the travel demand analysis and public engagement efforts.
- Improves connections to services in the Tri-Cities and Spokane by eliminating the need for transfers between some public transit and intercity bus services.

Moses Lake

Othello

• Improves weekend service, as some existing public transit services do not operate daily.

Operational Highlights

- 3 daily round trips per day
- 4-hour one-way run time
- Projected new annual ridership: 11,792 passengers
- Estimated annual operating cost: \$2.71M-\$3.65M
- Projected cost/rider: \$230.23-\$309.37

Intermodal Hubs

Pasco











Spokane













Existing Route Expansions



Apple Line Recommendations

Recommended improvements to the Apple Line include increased frequency to provide three daily round trips (currently one daily round trip) and establishing an additional stop location in Ellensburg. Since its opening, this route has been limited to one daily round trip, limiting connections to the national intercity bus network and making day trips from one end of the route to the other challenging or impossible.

Needs and Gaps Addressed

- The additional frequency addresses both challenges, enabling day trips along the route and establishing many additional connections to the national intercity bus network.
- Incorporating a stop at CWU will add additional connections to the national intercity bus network and provide an opportunity for this route to serve new trip purposes in Ellensburg.

Operational Highlights

- 3 daily round trips per day
- 4.25-hour oneway run time
- Projected annual net new ridership: 6,667 passengers
- Estimated annual operating cost: \$1.32M-\$1.75M
- Projected cost/rider: \$198.01-\$262.67



Dungeness Line Recommendations

Recommended improvements to the Dungeness Line include increased frequency to provide three daily round trips (currently two daily round trips).

Needs and Gaps Addressed

- Restoring and enhancing intercity bus service and intermodal mobility options for communities along the US 101 corridor by providing more frequent connections.
- Increased connections in Seattle such that new meaningful connections can be made to intercity bus service and passenger rail.

Operational Highlights

- 3 daily round trips per day
- 4 -hour one-way run time
- Projected annual net new ridership: 1,729 passengers
- Estimated annual operating cost range: \$0.87M - \$1.16M
- Projected cost/rider range: \$500.99 - \$669.51



Gold Line Recommendations

The recommended expansion of fixed-route scheduled service to the town of Republic would build upon the existing schedule and routing of the Gold Line. The proposed new service expansion would provide daily service connecting Republic with Colville, Chewelah, and Spokane, where meaningful scheduled connections with the national intercity bus network, Spokane Transit, passenger rail, and Spokane International Airport can be made. Additionally, the increased frequency of providing three daily round trips (currently two daily round trips) would improve connections to the national intercity bus network accessible in Spokane for current and prospective riders.

Needs and Gaps Addressed

- Extends service along an existing intercity bus route to a community currently unserved by intercity buses and with a high concentration of likely intercity bus riders, providing additional connections to the intermodal hub in Spokane.
- Addresses origin-destination connections identified in the travel demand analysis and public engagement efforts.
- Increased frequency provides new meaningful connections to intercity bus services in Spokane due to an earlier morning run.

Operational Highlights

- 3 daily round trips per day
- 3.5-hour one-way run time
- Projected annual net new ridership: 1,310 passengers
- Estimated annual operating cost: \$0.56M-\$0.73M
- Projected cost/rider: \$426.49-\$560.53



Policy Recommendations

Policy recommendations are influenced by Washington state's existing intercity bus network and systemwide gaps and needs. The intercity bus industry is evolving as carriers exit and enter the market, reduce and revise routes, shift services away from existing intermodal hubs, and make fewer stops between major urban areas. To continue to improve access to mobility for residents across the state, WSDOT's role in supporting intercity bus services may need to evolve through the implementation of key policy shifts. This transition will necessitate acquiring new resources, such as funding and staffing.

Objective 1:

Improve monitoring and evaluation of existing intercity bus services.

- Monitor changes in existing intercity bus services.
- Revise quarterly progress reports to include new key performance measures.
- Monitor and enforce contractual terms with operators.

Objective 2:

Enhance coordination with local, regional, and neighboring state transit providers to improve access to the intercity bus network.

- Coordinate with local jurisdictions and agencies to share identified intercity travel needs likely best served by local/regional providers.
- Complete more detailed analysis of timed connections.
- Work with local jurisdictions to understand challenges and opportunities related to intercity bus services.
- Coordinate with regional and state providers in states that have intercity bus services that connect to the Washington network.

Objective 3:

Improve internal WSDOT coordination to maximize the effective and efficient use of funding and staff time.

- Coordinate with the Public Transportation division to ensure Travel Washington is integrated into information and resources developed by or for the division.
- Develop and implement a consistent process for engaging with WSDOT and regional human services transportation programs.
- Regularly monitor timed connections with Washington State Ferries.
- Explore the most effective way to coordinate with other WSDOT division staff.

Objective 4:

Provide customers with comprehensive, high-quality, and up-to-date information about intercity bus services.

- Develop a Travel Washington website with comprehensive information about Travel Washington routes and basic information about connecting services.
- Ensure that Travel Washington operators provide consistent, standardized information; encourage other intercity bus operators to as well.

Objective 5:

Promote and market Travel Washington services.

- Ensure consistent branding, amenities, and customer service.
- Develop and implement an online and print marketing campaign.

Objective 6:

Improve the travel experience for intercity bus riders.

- Develop stop standards for Travel Washington routes and stops.
- Identify preferred standard on-board amenities.
- Develop standards for preferred amenities for intermodal facilities.
- Identify local transit facilities that act or may act as intercity bus stops.

Objective 7:

Improve consistency of travel experience across Travel Washington routes.

- Bring all stops into compliance with standards developed in Objective 6.
- Require all Travel Washington providers to provide the same fare discounts.
- Explore the potential for free fare for youth riders.

Objective 8:

Increase funding and staff resources.

- Continue coordination and information sharing at the state level and awareness building and education at the federal level.
- Hire additional staff to support and advance the Travel Washington program.
- Increase administrative support for contracted partners.

Advancing the Vision of Travel Washington

The intercity bus network is an integral part of the public transportation network, serving communities around the state and making regional travel more accessible to many. We know that many people with special transportation needs continue to lack access, and public transportation struggles to provide service in rural areas. The recommendations outlined in this study depend on maintaining the national and private intercity bus service levels along major interstate corridors. Without these services, or with service reductions, the utility of the recommendations is diminished and may not be feasible. Moving forward, it will be beneficial for WSDOT to establish strong partnerships with other transportation providers, such as regional transit agencies or private carriers. WSDOT is committed to continue advancing Travel Washington, keeping the goals of equity, accessibility, safety, and comfort at the forefront and ensuring everyone in Washington has access to the places that help them live a healthy, happy, and fulfilling life.

