Washington State

Amtrak *Cascades* Ridership and Revenue Forecasts Technical Report

VOLUME 5





Prepared by the Freight Systems Division Washington State Department of Transportation

February 2006

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Prepared for the

Washington State Department of Transportation

By

AECOM Consult, Inc

in association with

HDR Engineering, Inc. The Resource Group Consultants, Inc. Transit Safety Management, Inc.

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The purpose of this report is to provide detailed, technical ridership and revenue analyses which were performed as part of the Amtrak *Cascades* twenty-year planning effort. The information contained in this report is geared towards the transportation professional and not the general public. The results of the analyses contained in this report are summarized and presented in the *Washington State's Long-Range Plan for Amtrak Cascades*.

These ridership and revenue forecasts were developed to analyze the expanded service of the Amtrak *Cascades* passenger rail service along the Pacific Northwest Rail Corridor (PNWRC). The forecasts were developed using information assembled for previous rail studies in the Pacific Northwest. Additionally, updated travel models and new socioeconomic data, prepared by the state of Washington Office of Financial Management and other sources, were combined to develop a comprehensive representation of the existing travel market for Amtrak *Cascades* rail service.

The model used for this analysis is an adaptation of a spreadsheet model that has been used in many applications for Amtrak in California and other corridors, as well as for the Georgia, Virginia, and North Carolina Departments of Transportations to evaluate intercity rail alternatives. The spreadsheet models were developed based on market research and physical data such as highway networks, existing and projected socioeconomic variables and service characteristics of public modes. The modes considered in this model are rail, auto and air. The model was calibrated to existing Amtrak *Cascades* ridership and market totals.

The study team examined service scenarios for 2008 and 2023 in addition to sensitivity analyses for station location in Vancouver, BC and future fare increases. The station location analysis was conducted based on Timetable F, as well as Timetable F, Revision A (as presented in the Operating Plan for the Amtrak *Cascades*) and examined the impact of moving the Vancouver, BC station south of the Fraser River to the Scott Road SkyTrain station in Surrey, BC. The 2008 service scenario includes the *Coast Starlight* as a long distance train, but does not provide service in the Seattle, WA to Portland, OR and intermediate markets, only trips to and from Oregon south of Portland. For the purposes of this model, the 2023 schedule includes the same frequency to Eugene, OR as the 2008 scenarios, but the *Coast Starlight* is replaced with non-Washington supported train service to Eugene.

Exhibit ES-1 Alternative Specification Summary

| FARE SENSITIVITY ANALYSIS | | | | | | | | ALYSIS | | |
|------------------------------|--------------|---------------|---------------|--------------------------------|------------------|---------------------------------|---|---|--|--|
| | 2002 Base | 2008 Build | 2023 Build | 2023 Build Scott Road | 2023 Rev A | 2023 Rev A- Scott Road | 2008 Build (23% Fare Increase) | 2023 Build (46% Fare Increase) | 2023 Rev. A (46% Fare Increase) | |
| | | Fre | | (Round | TRIPS PER | R DAY) | | | | |
| SEATTLE – PORTLAND, OR | 4 | 8 | 13 | 13 | 14 | 14 | 8 | 13 | 14 | |
| SEATTLE- VANCOUVER, BC | 1 | 3 | 4 | 4 | 5 | 5 | 3 | 4 | 5 | |
| VANCOUVER, BC – PORTLAND, OR | 0 | 2 | 3 | 3 | 4 | 4 | 2 | 3 | 4 | |
| | | | Trav | el Time (n | MINUTES) | | | | | |
| SEATTLE – PORTLAND, OR | 222 | 195 | 147 | 147 | 150 | 150 | 195 | 147 | 150 | |
| SEATTLE- VANCOUVER, BC | 235 | 205 | 165 | 145 | 156 | 136 | 205 | 165 | 156 | |
| VANCOUVER, BC – PORTLAND, OR | - | 400 | 331 | 311 | 322 | 302 | 400 | 331 | 322 | |
| | | | | Fares | ; | | | | | |
| SEATTLE – PORTLAND, OR | \$ 28 | \$ 28 | \$ 28 | \$ 28 | \$ 28 | \$ 28 | \$ 34 | \$ 40 | \$ 40 | |
| SEATTLE- VANCOUVER, BC | \$ 26 | \$ 26 | \$ 26 | \$ 26 | \$ 26 | \$ 26 | \$ 32 | \$ 38 | \$ 38 | |
| VANCOUVER, BC – PORTLAND, OR | - | \$44 | \$44 | \$ 44 | \$44 | \$ 44 | \$ 54 | \$ 64 | \$ 64 | |

Ridership and revenue projections for all future scenarios were forecast assuming fares remain at recent levels (expressed in constant 2002 dollars, that is, no inflation). In order to assess the impacts of increased fares in conjunction with improved services, fare sensitivity analyses were conducted. The fare sensitivity analyses were preformed on the 2008 (Timetable C) and 2023 Build and Revision A Build (Timetable F) scenarios. The fare increases of twenty-three percent for the 2008 scenario and forty-six percent for the 2023 scenarios. **Exhibit ES-1** summarizes the alternative specifications by major market.

Ridership and revenue forecasts were prepared for each of the alternatives. **Exhibit ES-2** on the following page summarizes the results of the forecasts for the Amtrak *Cascades*. This table includes the ridership and revenue associated with non-Washington supported trains, including the *Coast Starlight*, between Eugene, OR and Vancouver, BC. All revenues are displayed in 2002 dollars.

The service improvements including travel time, frequency and through trips from Vancouver, BC and north of Seattle to Portland, OR and Central Oregon, progressively increase the average length of trips creating more ridership, revenue and passenger miles per train-mile in the future scenarios.

| Exhibit ES-2 | | |
|--------------|----------|---------|
| Summary of | Forecast | Results |

| Alternative | TOTAL RIDERS | Total Revenue | Passenger Miles | Train Miles | REVENUE/ TRAIN MILE | REVENUE/ PASS MILE |
|--------------------------|--------------|------------------|--------------------|----------------|------------------------|-----------------------|
| EXISTING (ACTUAL) | 659,100 | \$14,900,000 | 99,481,000 | 1,000,100 | \$14.90 | \$0.15 |
| 2008 Build | 1,488,100 | \$34,280,000 | 225,460,000 | 1,835,220 | \$18.68 | \$0.15 |
| 2023 Build | 3,191,500 | \$74,568,000 | 493,930,000 | 2,492,220 | \$29.92 | \$0.15 |
| 2023 Scott Road | 3,244,200 | \$75,675,000 | 490,500,000 | 2,483,820 | \$31.09 | \$0.15 |
| 2023 REV A | 3,397,800 | \$79,064,000 | 520,804,000 | 2,606,100 | \$30.34 | \$0.15 |
| 2023 REV A - SCOTT ROAD | 3,488,900 | \$80,985,000 | 531,800,000 | 2,533,100 | \$31.97 | \$0.15 |
| 2008 Fare Increase | 1,316,500 | \$37,391,000 | 199,997,000 | 1,835,220 | \$20.37 | \$0.19 |
| 2023 Build Fare Increase | 2,680,300 | \$91,883,000 | 416,612,000 | 2,492,220 | \$36.87 | \$0.22 |
| 2023 Rev A Fare Increase | 2,858,700 | \$97,645,000 | 440,225,000 | 2,606,100 | \$37.47 | \$0.22 |

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Chapter One: Introduction

The purpose of this report is to provide detailed, technical ridership and revenue analyses which were performed as part of the Amtrak *Cascades* twenty-year planning effort. The information contained in this report is geared towards the transportation professional and not the general public. The results of the analyses contained in this report are summarized and presented in the *Washington State's Long-Range Plan for Amtrak Cascades*.

This report describes the methodology used in the ridership and revenue analysis conducted as part of the 2003-2023 Amtrak *Cascades* Plan for Washington State. The forecasts provided in the Amtrak *Cascades* Plan include estimates of all rail travel in the corridor including the *Coast Starlight* and other non-Washington state-supported trains between Eugene, OR and Vancouver, BC.

The ridership and revenue forecasts for expanded rail service in the Pacific Northwest Rail Corridor (PNWRC) were developed using information assembled for previous rail studies in the Pacific Northwest in addition to new socioeconomic data prepared by the state of Washington Office of Financial Management and other sources. These data were used to create a comprehensive depiction of the existing travel market for Amtrak *Cascades* rail service.

This report describes the geographic area of the corridor, socioeconomic projections and assumptions, travel market analysis and estimates, basic description of the travel demand model, basic assumptions and inputs to the model, and a summary of ridership and revenue estimates for future scenarios.

Were target years used for this analysis?

The Amtrak *Cascades* program was designed to be implemented within a twenty year timeframe. Although analysis and research data are based on specific years of operation, the purpose of an incremental program is to be able to implement service as funding becomes available. As such, specific years of implementation may change, but the specific projects needed to achieve each service level will not.

The travel times and train frequencies presented in this discussion focus on years 2008 and 2023. Year 2023 represents WSDOT's twenty year build-out plan. Year 2008 was chosen as an intermediate year to represent a "midpoint" in service and infrastructure development. WSDOT selected year 2008 as the

interim year based on the assumption that full funding for all projects targeted for implementation between 2003 and 2008 would be available.

Since the initial decision was made to use 2008 as the mid point for this analysis, WSDOT has recognized that funding levels necessary to meet the program's goals, will not be available. Therefore, the implementation years (and associated service levels) identified throughout this document are placeholders. Implementation of projects (and therefore achievement of service levels) could take longer than anticipated, or could feasibly be expedited, depending upon funding availability. From the inception of the Amtrak *Cascades* program, implementation goals have always been based on market demand as well as funding.

Exhibit 2-1 Geographic Area System Map



The Travel Analysis Zones (TAZs) taken from the Travel Market Analysis and Demand Forecasts Report were modified slightly for use in this study. Changes were minimized for easier conversion of the 1992 survey data, but were required for detail in areas with multiple station locations especially Vancouver, BC for the analysis of the Scott Road Station, and the Seattle area to facilitate the station choice between Edmonds. Seattle and Tukwila.¹ **Exhibit 2-1** displays a map of the zones and counties used in this analysis and **Exhibit 2-2** (on the following page) display the definitions of the geographic area.

¹ Traveler surveys were performed for the High Speed Ground Transportation Study (1992).

Exhibit 2-2 Geographic Area Definitions

| ZONE | Nаме | ZONE | Nаме |
|------|--|------|--|
| 1 | Washington, OR | 27 | Clallum, OR |
| 2 | Clackamas, OR | 28 | Island, WA |
| 3 | Multnomah, OR – West of Willamette River | 29 | Snohomish, WA - Everett, Marysville, Monroe |
| 4 | Multnomah, OR - East of Willamette River | 30 | Snohomish, WA - Non-Urban East |
| 5 | Clark, WA | 31 | Snohomish, WA - Arlington & Urban North |
| 6 | Cowlitz, WA | 32 | San Juan, WA |
| 7 | Wahkiakum, WA | 33 | Skagit, WA - Mt. Vernon, Sedro Woolley |
| 8 | Pacific, WA | 34 | Skagit, WA - Non-Urban East |
| 9 | Lewis, WA - West – Centralia | 35 | Whatcom, WA |
| 10 | Lewis, WA – East – Glenoma | 36 | Snohomish, WA - Edmonds, Lynnwood, Bothell |
| 11 | Grays Harbor, WA | 37 | Surrey, Delta, White Rock, BC |
| 12 | Mason, WA | 38 | Vancouver BC, Burnaby, Richmond BC |
| 13 | Thurston, WA - West Olympia | 39 | North & West Vancouver BC, Greater Vancouver |
| 14 | Thurston, WA - Olympia, Lacy, & Urban East | 40 | Victoria and Vancouver Island, BC |
| 15 | Thurston, WA - Non-Urban Southeast | 41 | Coquitlam, Anmore, Port Moody, Maple Ridge, BC |
| 16 | Pierce, WA - Ft. Lewis, Steilacoom & West | 42 | Skamania, WA |
| 17 | Pierce, WA - Tacoma, Fife, Puyallup | 43 | Clatsop & Columbia, OR |
| 18 | Pierce, WA - Non-Urban Southeast | 44 | Tillamook, OR |
| 19 | King, WA - Federal Way, Auburn, Far South Urban | 45 | Yamhill, OR |
| 20 | King, WA - Non-Urban Far East | 46 | Marion, OR |
| 21 | King, WA - South Seattle, SeaTac, Des Moines, Kent | 47 | Polk, OR |
| 22 | King, WA - Bellevue, Urban NE of Lake Washington | 48 | Lincoln, OR |
| 23 | King, WA - Downtown Seattle | 49 | Linn, OR |
| 24 | King, WA - N Seattle, NW of Lake Washington | 50 | Benton, OR |
| 25 | Kitsap, WA | 51 | Lane, OR |
| 26 | Jefferson, WA | | |

Socioeconomic data used to develop the market growth for the Amtrak *Cascades* plan were obtained through official Washington State published sources where available. The data concepts used in this model include:

- population;
- employment; and
- per capita income (in constant year dollars).

Population projections by county were obtained from the Washington State Office of Financial Management's intermediate forecast for the Growth Management Act, released January 2002. Employment data forecasts by county were developed by the Washington State Employment Security Department, last updated December 2002. These data contained year 2000 estimates for non-agricultural employment along with 2005 and 2010 forecasts. For years beyond 2010, growth rates were calculated from Economy.com and their county employment data, and were applied to grow the official State employment projections. In counties with multiple zones, the county population and employment estimates were applied to each zone by the 2000 population in each census tract. Economy.com real per capita income data were used for the counties.

Exhibit 3-1 on the following page shows a snapshot of the population, employment and per capita income for the counties in the heart of the corridor for the years 2000, 2010, and 2025. **Exhibit 3-2,** also on the following page, displays the average annual growth rate for the three metrics between 2000 and 2025.

Exhibit 3-1 Population, Employment, and per Capita Income Estimates

| | | 2000 | | | 2010 | | | 2025 | |
|--------------------------|------------|------------|----------------------|------------|------------|----------------------|------------|------------|----------------------|
| County/ Area | Population | Employment | Per Capita Income | Population | Employment | Per Capita Income | Population | Employment | Per Capita Income |
| GREATER VANCOUVER, BC | 1,971,583 | 969,805 | \$17,616 | 2,293,959 | 1,114,086 | \$20,834 | 2,764,035 | 1,311,508 | \$29,411 |
| WHATCOM, WA | 166,814 | 67,600 | \$21,861 | 195,504 | 76,600 | \$24,960 | 246,636 | 96,189 | \$34,818 |
| Skagit, WA | 102,979 | 41,950 | \$24,956 | 123,807 | 47,790 | \$26,124 | 164,797 | 64,928 | \$34,940 |
| SNOHOMISH, WA | 606,024 | 215,300 | \$26,714 | 728,957 | 236,200 | \$25,674 | 929,314 | 291,898 | \$29,277 |
| King, WA | 1,737,034 | 1,189,700 | \$42,950 | 1,861,042 | 1,363,600 | \$53,917 | 2,092,390 | 1,651,726 | \$78,741 |
| Kitsap, WA | 231,969 | 73,900 | \$24,081 | 257,841 | 83,300 | \$28,937 | 331,571 | 100,348 | \$37,071 |
| PIERCE, WA | 700,820 | 243,700 | \$24,116 | 788,580 | 277,600 | \$26,377 | 942,157 | 347,869 | \$34,177 |
| THURSTON, WA | 207,355 | 85,500 | \$24,951 | 258,687 | 97,400 | \$28,593 | 336,825 | 118,389 | \$39,466 |
| Lewis, WA | 68,600 | 24,520 | \$20,097 | 77,493 | 27,410 | \$22,222 | 90,678 | 35,664 | \$29,632 |
| Cowlitz, WA | 92,948 | 38,960 | \$22,114 | 107,903 | 42,880 | \$25,250 | 136,114 | 57,406 | \$35,423 |
| CLARK, WA | 345,238 | 116,500 | \$27,411 | 432,479 | 134,100 | \$26,267 | 544,809 | 184,572 | \$29,890 |
| WASHINGTON, OR | 448,120 | 222,477 | \$29,443 | 560,975 | 264,491 | \$33,180 | 683,285 | 331,509 | \$45,979 |
| MULTNOMAH, OR | 660,767 | 456,803 | \$30,779 | 741,088 | 477,223 | \$34,455 | 869,922 | 551,880 | \$47,448 |
| CLACKAMAS, OR | 339,472 | 131,431 | \$32,352 | 410,740 | 151,345 | \$30,990 | 499,857 | 188,075 | \$34,584 |

Exhibit 3-2 Average Annual Growth Rates 2000-2025

| | Average Annual Growth Rates (2000-2025) | | | | | | | |
|-----------------------|--|------------|----------------------|--|--|--|--|--|
| COUNTY/AREA | POPULATION | EMPLOYMENT | Per Capita Income | | | | | |
| Greater Vancouver, BC | 1.36% | 1.21% | 2.07% | | | | | |
| Whatcom, WA | 1.58% | 1.42% | 1.88% | | | | | |
| Skagit, WA | 1.90% | 1.76% | 1.36% | | | | | |
| Snohomish, WA | 1.72% | 1.22% | 0.37% | | | | | |
| King, WA | 0.75% | 1.32% | 2.45% | | | | | |
| Kitsap, WA | 1.44% | 1.23% | 1.74% | | | | | |
| Pierce, WA | 1.19% | 1.43% | 1.40% | | | | | |
| Thurston, WA | 1.96% | 1.31% | 1.85% | | | | | |
| Lewis, WA | 1.12% | 1.51% | 1.57% | | | | | |
| Cowlitz, WA | 1.54% | 1.56% | 1.90% | | | | | |
| Clark, WA | 1.84% | 1.86% | 0.35% | | | | | |
| Washington, OR | 1.70% | 1.61% | 1.80% | | | | | |
| Multnomah, OR | 1.11% | 0.76% | 1.75% | | | | | |
| Clackamas, OR | 1.56% | 1.44% | 0.27% | | | | | |

The existing travel market estimate was created using a combination of the survey results from the *1992 High Speed Ground Transportation Study*² the Whatcom Council of Government's *IMTC Border Crossing Study*,³ and existing air data in the major markets in the Pacific Northwest Rail Corridor (PNWRC).

The 1992 High Speed Ground Transportation Study was not corridor specific and focused on the entire state of Washington. Data from two survey sites were used from this study -- a northbound survey on I-5 at the Thurston/Pierce County line between Olympia and Tacoma and the southbound I-5 survey in Skagit County between Bellingham and Burlington. Survey results from the IMTC Cross-Border Trade and Travel Study Database collected in the summer and fall of 2000 at the Peace Arch and Pacific Highway crossings in Blaine/ Douglas, at the Lynden/Aldergrove border crossing, and Sumas/Huntingdon border crossing were incorporated into the creation of the existing market estimate as well. The surveys were normalized to 2002 values using socioeconomic growth estimates in the area. Additionally, air data were obtained from Federal Aviation Administration (FAA) sources for the major market pairs in the corridor and distributed to surrounding zones. **Exhibit 4-1** displays a summary of the major market trips.

| ESTIMATED 2002 TRAVEL MARKET SIZE | | | | | | | | | |
|-----------------------------------|---------------|-----------|--------------|-----------|--|--|--|--|--|
| Major Trav | el Markets | BUSINESS | Non-Business | Total | | | | | |
| Seattle | Portland, OR | 1,440,638 | 5,018,949 | 6,459,587 | | | | | |
| Seattle | Vancouver, BC | 203,449 | 1,248,331 | 1,451,780 | | | | | |
| Vancouver, BC | Portland, OR | 14,287 | 111,234 | 125,521 | | | | | |

Exhibit 4-1 Existing Travel Market Size Estimates

²*KPMG Peat Marwick, "Travel Market Analysis and Demand Forecasts Report." August 1992.*

³Cambridge Systematics, Inc., "Cross-Border Trade and Travel Study: Final Report and Analysis Results." September 2001.

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The model used for this analysis is an adaptation of a spreadsheet model that has been used in many applications for Amtrak in California and other rail corridors, and for the Georgia, Virginia, and North Carolina Departments of Transportation to evaluate intercity rail alternatives. The spreadsheet models were developed based on market research and physical data such as highway networks, existing and projected socioeconomic variables, and service characteristics of public modes. The modes considered in this model are rail, auto and air. The model was calibrated to existing Amtrak *Cascades* ridership and market totals.

The forecasting approach utilizes a two-stage model system. The first stage forecasts the total number of trips by all modes for each origin-destination pair. The second stage predicts the market share of each mode available to each origin-destination pair. Both stages are dependent on the service characteristics and availability of each mode and the characteristics of the traveling population.

A number of different functional forms of travel characteristics were developed for the model, including:

- damped frequency of public modes;
- a non-linear transformation of travel time and cost; and
- time-of-day weighting.

"Damped" frequency refers to the incrementally smaller benefit to an additional frequency. For example, one additional frequency when the base is only one frequency is a much larger utility contribution than one additional frequency on a base of ten frequencies.

The model includes a number of different non-linear, distance-based transformations of travel cost and travel time. These transformations help counter the trip length scaling of cost and time elasticities in the model. For example, a simple linear representation of time and cost would yield elasticities that are perfectly correlated with distance, i.e. a two hundred mile trip will have twice the sensitivity to time and cost as compared to a one hundred mile trip.

Total time, access, egress, and terminal time were included in a second variable to account for the added valuation of this time to travelers. Most intercity choice models exhibit greater sensitivity to access and terminal times than to line haul times. This sensitivity has distinct variations as follows:

- As access and terminal times increase, the disutility increases at an increasing rate.
- As overall trip length increases, access and terminal time disutility decreases.

Finally, total market-to-market frequencies were scaled based on arrival and departure times of each train serving the market. Prior research studies have allowed the project team to create time-of-day factors for arrival and departure time. A train's utility and market share is determined by the combination of arrival and departure factors along with the time to the previous and subsequent trains, travel time, cost, and access and egress times.

Networks and Service Characteristics

Service characteristics for each mode are the key independent variables for modeling and forecasting the market shares captured by each competing mode of travel. The mode choice models in this study use the following characteristics:

- travel time (minutes);
- travel cost (dollars); and
- frequency and time-of-day of service (number of air or train departures per day and when they occur in the day).

These travel characteristics are developed using an intercity highway network representing interstate highways, primary arterials and other highway facilities connecting all zones in the study area to all other zones and intercity passenger terminals (airports and rail stations). This highway network was developed for this study based on the Oak Ridge National Laboratory's existing highway network and using a combination of facility type assigned free flow speeds and congested interstate travel times from the Washington State Department of Transportation (WSDOT).

Public transportation service (air and rail) travel characteristics are based on existing services provided by each mode and consist of the following two major components: (1) line haul characteristics and (2) access and egress characteristics. Line haul characteristics reflect the portion or the trip spent in the public mode (for example on the airplane between airports). Key line haul characteristics include:

- travel time including flying or running times and any transfer time;
- service frequency and time-of-day; and
- fares.

Access and egress characteristics reflect the part of the trip spent getting from the starting location to the ultimate destination not on a public mode, including characteristics associated with the terminals. Access and egress characteristics include travel time and cost associated with getting to and from the terminal, parking costs, and terminal times. **Exhibit 5-1** displays sample highway, air, and rail characteristics for a trip between downtown Seattle and downtown Portland, OR.

Exhibit 5-1 Sample Base Travel Characteristics between Seattle and Portland, OR

| | Αυτο | Air | RAIL | | | | | |
|-----------------------------|-------------|-----------------|-----------------|--|--|--|--|--|
| LINE HAUL | | | | | | | | |
| Airports/Stations/Terminals | | SEA-PDX | SEA-PDX | | | | | |
| Distance (miles) | 179 | 129 | 186 | | | | | |
| Highway Cost (full/incr)* | \$48 / \$18 | | | | | | | |
| Travel Time (minutes) | 183 | 51 | 222 | | | | | |
| Fare | | \$103 | \$27 | | | | | |
| Frequency (departures/day) | | 24.8 | 4 | | | | | |
| | ACCESS | | | | | | | |
| Distance (miles) | | 12.3 | 1 | | | | | |
| Highway Cost (full/incr)* | | \$3.35 / \$1.25 | \$0.18 / \$0.10 | | | | | |
| Travel Time (minutes) | | 13 | 2 | | | | | |
| Terminal Time (minutes) | | 45 | 10 | | | | | |
| | EGRESS | | | | | | | |
| Distance (miles) | | 11.5 | 5 | | | | | |
| Highway Cost (full/incr)* | | \$3.10 / \$1.15 | \$1.35 / \$0.50 | | | | | |
| Travel Time (minutes) | | 16 | 5 | | | | | |
| Terminal Time (minutes) | | 45 | 10 | | | | | |

*Incremental (incr) costs include the cost of gas, oil, etc. that have a direct relationship to the number of miles driven. Full costs include the incremental costs as well as the allocated per mile costs of depreciation, insurance, etc. that are included in the full cost figure that the IRS lets businesses deduct.

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For this paper, the project team modeled three basic future scenarios, one in 2008 (Timetable C) and two in 2023 (Timetable F and Timetable F Revision A). Each alternative included increased frequency and speeds of the services in the major markets.

Exhibit 6-1 on the following page provides a brief summary of the frequency, travel time and fare for each alternative for the major markets in the corridor. Fares and revenue projections were kept in constant 2002 dollars. The 2008 service scenario includes the *Coast Starlight* as a long distance train, but does not provide service in the Seattle to Portland, OR and intermediate markets, only trips to and from Oregon south of Portland. For the purposes of this model, the 2023 schedule includes the same frequency to Eugene, OR as the 2008 scenarios, but the *Coast Starlight* is replaced with non-Washington supported train service to Eugene. **Appendix A** contains the schedules used in the base and alternative runs in a user timetable format.

In addition to the basic three alternatives, a scenario examining only the movement of the Vancouver, BC station to Scott Road was modeled. Also, three fare sensitivity analyses were completed, one for each of the base alternatives.

Exhibit 6-1 Alternative Summary

| | | | | | | | Fare Si | ENSITIVITY A N | ALYSIS | |
|------------------------------|--------------|---------------|---------------|--------------------------------|------------------|---------------------------------|---|---|--|--|
| | 2002 Base | 2008 Build | 2023 Build | 2023 Build Scott Road | 2023 Rev A | 2023 Rev A- Scott Road | 2008 Build (23% Fare Increase) | 2023 Build (46% Fare Increase) | 2023 Rev. A (46% Fare Increase) | |
| | | Fre | | (Round | TRIPS PER | R DAY) | | | | |
| SEATTLE – PORTLAND, OR | 4 | 8 | 13 | 13 | 14 | 14 | 8 | 13 | 14 | |
| SEATTLE- VANCOUVER, BC | 1 | 3 | 4 | 4 | 5 | 5 | 3 | 4 | 5 | |
| VANCOUVER, BC – PORTLAND, OR | 0 | 2 | 3 | 3 | 4 | 4 | 2 | 3 | 4 | |
| | | | TRAV | el Time (i | VINUTES) | | | | | |
| SEATTLE – PORTLAND, OR | 222 | 195 | 147 | 147 | 150 | 150 | 195 | 147 | 150 | |
| SEATTLE- VANCOUVER, BC | 235 | 205 | 165 | 145 | 156 | 136 | 205 | 165 | 156 | |
| VANCOUVER, BC – PORTLAND, OR | - | 400 | 331 | 311 | 322 | 302 | 400 | 331 | 322 | |
| | | | | Fares | ; | | | | | |
| SEATTLE – PORTLAND, OR | \$ 28 | \$ 28 | \$ 28 | \$ 28 | \$ 28 | \$ 28 | \$ 34 | \$ 40 | \$ 40 | |
| SEATTLE- VANCOUVER, BC | \$ 26 | \$ 26 | \$ 26 | \$ 26 | \$ 26 | \$ 26 | \$ 32 | \$ 38 | \$ 38 | |
| VANCOUVER, BC – PORTLAND, OR | - | \$44 | \$44 | \$44 | \$44 | \$44 | \$ 54 | \$ 64 | \$ 64 | |

Chapter Seven: Forecast Results

Ridership and revenue forecasts were prepared for each of the build alternatives. A summary of forecast results is included in **Exhibit 7-1⁴** on the following page. A more detailed station-to-station ridership summary for fiscal year 2002 actual and estimated ridership, and the forecast and sensitivity analysis results can be found in **Appendix B**. In addition, **Appendix C** displays the results (for each scenario) by train.

The largest existing market in the Pacific Northwest Rail Corridor (PNWRC) is the Seattle to Portland, OR market, currently served by four daily round trips. The proposed 2008 schedule more than doubles the frequency to nine round trips and the 2023 Revision A plan increases the number of round trip trains to fourteen. The existing ridership and revenue in this market is over 240,000 riders and \$6.5 million in ticket revenue. The increases in frequency and travel time savings increase the ridership and ticket revenue to over 556,000 and \$15.2 million (current dollars) in 2008, and 1.1 million riders and \$30.2 million in ticket revenue in the 2023 Revision A timetable.

The ridership and revenue also grows significantly in the Vancouver, BC to Seattle market (and Vancouver, BC to other Washington markets) as the frequency is increased by three hundred percent from 2002 to 2008 and thirtythree percent (sixty-six percent for Revision A) from 2008 to 2023. The frequency increases are combined with travel time savings of thirty minutes to Seattle (thirteen percent) from the existing condition to 2008 and another fifty minutes (twenty-four percent) in the 2023 build. Overall, the change from the existing condition to the 2023 proposed build scenario increases the Seattle to Vancouver, BC frequency from one daily frequency (each direction) to five daily frequencies, and reduces the travel time from under four hours to just over 2.5 hours. Additionally the new frequencies are scheduled during more attractive times of the day, and allow for through trips to Portland, OR that are not possible in the base.

Information contained in the Amtrak Cascades Long Range Plan

Ridership and revenue data presented in this technical paper includes trips south of Portland, OR, as well as trips which originated between Vancouver, BC and Portland, OR and continued south of Portland, OR. For the purposes

⁴ *Exhibit 7-1* presents information regarding linked and unlinked trips. A simple way of explaining these terms is by using the following example: when a person gets on the train in Vancouver, BC and gets off in Seattle, and then gets on another train (in Seattle) to go to Portland, OR – this entire trip can be viewed as one LINKED trip. Or, it can be viewed as two UNLINKED trips.

of the *Washington State Long Range Plan for Amtrak Cascades*, any trips (and passenger miles) which extended south of Portland, OR (regardless of their origination), were extracted from the data presented in the plan. Ridership information presented in the plan contains only trips (and passenger miles) which originated or stayed within the corridor between Vancouver, BC and Portland, OR.

Exhibit 7-1 Summary of Forecast Results by Market

| | | F) | Y 2002 ACTI Unlinked Trif | JAL >s) | F | Y 02 ESTIMA (Linked Trip | ATED S) | FY 08 BUILD ESTIMATE (Linked Trips) | | | |
|----------------|----------------|---------|------------------------------|--------------|---------|-----------------------------|--------------|--|-------------|--------------|--|
| | | Riders | Pas Mi | Revenue | Riders | Pas Mi | Revenue | Riders | Pas Mi | Revenue | |
| Vancouver, BC | NW Washington | 18,500 | 1,765,000 | \$322,000 | 17,800 | 1,695,000 | \$310,000 | 49,000 | 4,638,000 | \$850,000 | |
| Vancouver, BC | Seattle | 76,000 | 11,646,000 | \$1,978,000 | 76,700 | 11,746,000 | \$1,995,000 | 241,800 | 37,308,000 | \$6,270,000 | |
| Vancouver, BC | SW Washington | 0 | 0 | \$0 | 0 | 0 | \$0 | 1,400 | 289,000 | \$40,000 | |
| Vancouver, BC | Portland | 0 | 0 | \$0 | 0 | 0 | \$0 | 1,500 | 494,000 | \$64,000 | |
| Vancouver, BC | Central Oregon | 0 | 0 | \$9 | 0 | 0 | \$0 | 200 | 77,000 | \$10,000 | |
| NW Washington | NW Washington | 1,900 | 99,000 | \$21,000 | 1,800 | 97,000 | \$20,000 | 3,800 | 202,000 | \$43,000 | |
| NW Washington | Seattle | 53,700 | 4,582,000 | \$771,000 | 52,900 | 4,500,000 | \$757,000 | 123,500 | 10,810,000 | \$1,807,000 | |
| NW Washington | SW Washington | 0 | 0 | \$0 | 2,900 | 382,000 | \$57,000 | 34,000 | 4,319,000 | \$655,000 | |
| NW Washington | Portland | 0 | 0 | \$0 | 2,800 | 679,000 | \$91,000 | 19,900 | 4,755,000 | \$639,000 | |
| NW Washington | Central Oregon | 0 | 0 | \$0 | 1,400 | 446,000 | \$58,000 | 2,900 | 947,000 | \$122,000 | |
| Seattle | Seattle | 2,800 | 50,000 | \$18,000 | 2,900 | 51,000 | \$18,000 | 5,500 | 116,000 | \$37,000 | |
| Seattle | SW Washington | 39,200 | 3,496,000 | \$595,000 | 38,100 | 3,406,000 | \$580,000 | 104,400 | 9,646,000 | \$1,620,000 | |
| Seattle | Portland | 243,400 | 44,830,000 | \$6,654,000 | 240,500 | 44,302,000 | \$6,576,000 | 556,700 | 102,758,000 | \$15,222,000 | |
| Seattle | Central Oregon | 40,200 | 11,127,000 | \$1,415,000 | 41,200 | 11,402,000 | \$1,450,000 | 46,500 | 12,906,000 | \$1,643,000 | |
| SW Washington | SW Washington | 7,500 | 467,000 | \$85,000 | 7,500 | 467,000 | \$85,000 | 18,700 | 1,189,000 | \$216,000 | |
| SW Washington | Portland | 87,000 | 11,353,000 | \$1,687,000 | 87,000 | 11,352,000 | \$1,687,000 | 186,300 | 24,688,000 | \$3,651,000 | |
| SW Washington | Central Oregon | 14,400 | 3,057,000 | \$404,000 | 14,400 | 3,055,000 | \$404,000 | 14,000 | 3,006,000 | \$398,000 | |
| Portland | Portland | 1,500 | 15,000 | \$9,000 | 1,500 | 15,000 | \$9,000 | 2,200 | 22,000 | \$14,000 | |
| Portland | Central Oregon | 67,900 | 6,687,000 | \$898,000 | 67,400 | 6,637,000 | \$891,000 | 70,700 | 6,972,000 | \$936,000 | |
| Central Oregon | Central Oregon | 5,200 | 308,000 | \$42,000 | 5,100 | 306,000 | \$42,000 | 5,300 | 317,000 | \$43,000 | |
| | Total | 659,100 | 99,481,000 | \$14,900,000 | 661,900 | 100,538,000 | \$15,031,000 | 1,488,100 | 225,460,000 | \$34,280,000 | |

Note:FY02 is Amtrak's Fiscal Year 2002 (Oct 2001- Sept 2002)Stations: Vancouver = VAC; NW Washington = BEL, MVW, EVR;Seattle = EDM, SEA, TUK; SW Washington = TAC, OLW, CTL, KEL; Portland = VAN, PDX; Central Oregon = SLM, ALY, EUG

Amtrak *Cascades* Ridership and Revenue Forecasts Chapter Seven: Forecast Results

Exhibit 7-1 (Continued) Summary of Forecast Results by Market

| | | FY 2 | 3 BUILD ES | TIMATE | FY 23 F | REV A BUILD | Estimate | FY 2 | 3 REV A-SC | OTT R D | FY 23 | BUILD SCO | tt Rd |
|----------------|----------------|-----------|---------------|--------------|-----------|---------------|--------------|-----------|---------------|----------------|-----------|-------------|--------------|
| | | | (LINKED TRIP: | s) | | (LINKED TRIPS | s) | Build | Estimate (Lii | NKED TRIPS) | (| LINKED TRIP | S) |
| | | Riders | Pas Mi | Revenue | Riders | Pas Mi | Revenue | Riders | Pas Mi | Revenue | Riders | Pas Mi | Revenue |
| Vancouver, BC | NW Washington | 142,600 | 13,227,000 | \$2,441,000 | 188,100 | 17,327,000 | \$3,205,000 | 231,400 | 20,813,000 | \$3,882,000 | 167,300 | 13,022,00 | \$2,824,000 |
| Vancouver, BC | Seattle | 559,700 | 86,730,000 | \$14,482,000 | 662,800 | 102,707,000 | \$17,150,000 | 709,500 | 109,945,000 | \$18,358,000 | 587,200 | 83,454,000 | \$15,182,000 |
| Vancouver, BC | SW Washington | 4,100 | 848,000 | \$116,000 | 5,200 | 1,078,000 | \$148,000 | 5,800 | 1,202,000 | \$165,000 | 4,400 | 862,000 | \$126,000 |
| Vancouver, BC | Portland | 3,900 | 1,321,000 | \$170,000 | 4,500 | 1,544,000 | \$199,000 | 5,000 | 1,688,000 | \$217,000 | 4,200 | 1,365,000 | \$183,000 |
| Vancouver, BC | Central Oregon | 400 | 161,000 | \$20,000 | 400 | 160,000 | \$20,000 | 400 | 163,000 | \$21,000 | 400 | 155,000 | \$20,000 |
| NW Washington | NW Washington | 7,500 | 404,000 | \$85,000 | 8,700 | 471,000 | \$99,000 | 8,700 | 471,000 | \$99,000 | 7,500 | 404,000 | \$85,000 |
| NW Washington | Seattle | 235,900 | 21,356,000 | \$3,547,000 | 264,100 | 24,033,000 | \$3,990,000 | 264,100 | 24,033,000 | \$3,990,000 | 235,900 | 21,356,000 | \$3,547,000 |
| NW Washington | SW Washington | 65,000 | 8,570,000 | \$1,288,000 | 74,300 | 9,809,000 | \$1,474,000 | 74,300 | 9,809,000 | \$1,474,000 | 65,000 | 8,570,000 | \$1,288,000 |
| NW Washington | Portland | 44,200 | 10,602,000 | \$1,425,000 | 48,700 | 11,663,000 | \$1,568,000 | 48,700 | 11,663,000 | \$1,568,000 | 44,200 | 10,602,000 | \$1,425,000 |
| NW Washington | Central Oregon | 15,600 | 5,188,000 | \$669,000 | 15,900 | 5,265,000 | \$679,000 | 15,900 | 5,265,000 | \$679,000 | 15,600 | 5,188,000 | \$669,000 |
| Seattle | Seattle | 6,700 | 143,000 | \$46,000 | 8,300 | 177,000 | \$57,000 | 8,300 | 177,000 | \$57,000 | 6,700 | 143,000 | \$46,000 |
| Seattle | SW Washington | 201,600 | 19,059,000 | \$3,179,000 | 200,100 | 18,910,000 | \$3,154,000 | 200,100 | 18,910,000 | \$3,154,000 | 201,600 | 19,959,000 | \$3,179,000 |
| Seattle | Portland | 1,102,400 | 203,980,000 | \$30,158,000 | 1,106,100 | 204,669,000 | \$30,260,000 | 1,106,100 | 204,669,000 | \$30,260,000 | 1,102,400 | 203,980,000 | \$30,158,000 |
| Seattle | Central Oregon | 145,500 | 40,829,000 | \$5,221,000 | 142,100 | 39,880,000 | \$5,099,000 | 142,100 | 39,880,000 | \$5,099,000 | 145,500 | 40,829,000 | \$5,221,000 |
| SW Washington | SW Washington | 33,700 | 2,188,000 | \$399,000 | 35,500 | 2,297,000 | \$419,000 | 35,500 | 2,297,000 | \$419,000 | 33,700 | 2,188,000 | \$399,000 |
| SW Washington | Portland | 380,500 | 50,691,000 | \$7,481,000 | 393,000 | 52,414,000 | \$7,734,000 | 393,000 | 52,414,000 | \$7,734,000 | 380,500 | 50,691,000 | \$7,481,000 |
| SW Washington | Central Oregon | 46,000 | 9,841,000 | \$1,301,000 | 46,100 | 9,850,000 | \$1,302,000 | 46,100 | 9,850,000 | \$1,302,000 | 46,000 | 9,841,000 | \$1,301,000 |
| Portland | Portland | 3,400 | 34,000 | \$22,000 | 3,500 | 35,000 | \$22,000 | 3,500 | 35,000 | \$22,000 | 3,400 | 34,000 | \$22,000 |
| Portland | Central Oregon | 181,500 | 18,047,000 | \$2,423,000 | 179,100 | 17,811,000 | \$2,392,000 | 179,100 | 17,811,000 | \$2,392,000 | 181,500 | 18,047,000 | \$2,423,000 |
| Central Oregon | Central Oregon | 11,400 | 709,000 | \$95,000 | 11,400 | 704,000 | \$94,000 | 11,400 | 704,000 | \$94,000 | 11,400 | 709,000 | \$95,000 |
| | Total | 3,191,500 | 493,930,000 | \$74,568,000 | 3,397,800 | 520,804,000 | \$79,064,000 | 3,488,900 | 531,800,000 | \$80,985,000 | 3,244,200 | 490,500,000 | \$75,675,000 |

Note: FY02 is Amtrak's Fiscal Year 2002 (Oct 2001- Sept 2002) *Stations:* Vancouver = VAC; NW Washington = BEL, MVW, EVR; Seattle = EDM, SEA, TUK; SW Washington = TAC,OLW,CTL,KEL; Portland = VAN, PDX; Central Oregon = SLM, ALY, EUG

Exhibit 7-1 (Continued) Summary of Forecast Results by Market

| | | FY 08- F | ARE INCREASE (LINKED TRIPS) | Estimate | FY 23Bu | LD FARE INCR. (LINKED TRIPS) | Estimate | FY 23 REV | A FARE INCR (LINKED TRIPS) | . Estimate |
|----------------|----------------|----------|--------------------------------|--------------|--------------|---------------------------------|--------------|--------------|-------------------------------|--------------|
| | | Riders | Pas Mi | Revenue | Riders | Pas Mi | Revenue | Riders | Pas Mi | Revenue |
| Vancouver, BC | NW Washington | 39,800 | 3,778,000 | \$851,000 | 105,700 | 9,853,000 | \$2,653,000 | 141,100 | 13,086,000 | \$3,529,000 |
| Vancouver, BC | Seattle | 208,900 | 32,245,000 | \$6,670,000 | 472,500 | 73,213,000 | \$17,867,000 | 567,600 | 87,958,000 | \$21,465,000 |
| Vancouver, BC | SW Washington | 1,100 | 235,000 | \$40,000 | 3,000 | 621,000 | \$125,000 | 3,800 | 790,000 | \$159,000 |
| Vancouver, BC | Portland | 1,200 | 409,000 | \$65,000 | 2,900 | 996,000 | \$187,000 | 3,400 | 1,167,000 | \$219,000 |
| Vancouver, BC | Central Oregon | 200 | 77,000 | \$12,000 | 400 | 151,000 | \$28,000 | 400 | 160,000 | \$29,000 |
| NW Washington | NW Washington | 3,300 | 174,000 | \$45,000 | 5,900 | 318,000 | \$98,000 | 6,900 | 371,000 | \$114,000 |
| NW Washington | Seattle | 109,500 | 9,566,000 | \$1,968,000 | 197,600 | 17,851,000 | \$4,334,000 | 221,500 | 20,116,000 | \$4,882,000 |
| NW Washington | SW Washington | 28,700 | 3,642,000 | \$679,000 | 49,900 | 6,575,000 | \$1,444,000 | 57,100 | 7,542,000 | \$1,656,000 |
| NW Washington | Portland | 17,200 | 4,110,000 | \$680,000 | 34,900 | 8,367,000 | \$1,643,000 | 38,400 | 9,218,000 | \$1,810,000 |
| NW Washington | Central Oregon | 2,400 | 791,000 | \$126,000 | 11,900 | 3,958,000 | \$746,000 | 12,100 | 4,023,000 | \$758,000 |
| Seattle | Seattle | 5,100 | 108,000 | \$43,000 | 6,100 | 130,000 | \$61,000 | 7,500 | 160,000 | \$75,000 |
| Seattle | SW Washington | 91,900 | 8,453,000 | \$1,749,000 | 167,700 | 15,767,000 | \$3,849,000 | 166,400 | 15,640,000 | \$3,818,000 |
| Seattle | Portland | 505,200 | 93,247,000 | \$17,001,000 | 961,800 | 177,970,000 | \$38,457,000 | 965,200 | 178,591,000 | \$38,591,000 |
| Seattle | Central Oregon | 41,200 | 11,442,000 | \$1,793,000 | 121,800 | 34,201,000 | \$6,392,000 | 119,000 | 33,394,000 | \$6,241,000 |
| SW Washington | SW Washington | 16,300 | 1,025,000 | \$229,000 | 27,100 | 1,730,000 | \$460,000 | 28,600 | 1,816,000 | \$482,000 |
| SW Washington | Portland | 163,100 | 21,662,000 | \$3,939,000 | 311,600 | 41,644,000 | \$8,973,000 | 322,200 | 43,103,000 | \$9,285,000 |
| SW Washington | Central Oregon | 11,800 | 2,545,000 | \$414,000 | 35,700 | 7,628,000 | \$1,474,000 | 35,700 | 7,635,000 | \$1,475,000 |
| Portland | Portland | 2,100 | 21,000 | \$16,000 | 3,000 | 30,000 | \$28,000 | 3,100 | 31,000 | \$29,000 |
| Portland | Central Oregon | 62,700 | 6,186,000 | \$1,022,000 | 151,200 | 15,040,000 | \$2,952,000 | 149,200 | 14,840,000 | \$2,912,000 |
| Central Oregon | Central Oregon | 4,800 | 281,000 | \$47,000 | 9,500 | 568,000 | \$113,000 | 9,400 | 583,000 | \$114,000 |
| | TOTAL | | 1,316,500 | 199,997,000 | \$37,391,000 | 2,680,300 | 416,612,000 | \$91,883,000 | 2,858,700 | 440,225,000 |

Note: FY02 is Amtrak's Fiscal Year 2002 (Oct 2001- Sept 2002)

Stations: Vancouver = VAC; NW Washington = BEL, MVW,EVR; Seattle = EDM, SEA, TUK; SW Washington = TAC,OLW,CTL,KEL; Portland = VAN, PDX; Central Oregon = SLM, ALY, EUG

Four additional analyses were conducted with respect to station location and fare sensitivity. The station location analysis examined the impacts of moving the Vancouver, BC station from its existing location in downtown Vancouver, to south of the Frasier River to the Scott Road area of Surrey, BC. Two fare sensitivity analyses were conducted to determine the impact of increasing the ticket fares as the service in the corridor is improved. The sensitivity analyses were conducted in each of the future build forecast years. The existing Vancouver, BC station is located in the area near the intersection of Quebec Street and Terminal Avenue near Science World and the Main Street/Science World Sky Train station. An analysis was conducted to assess the impacts of moving the station south of the Frasier River to Surrey with direct access to the Scott Road Sky Train station.

The movement of the station shortens the intercity train portion of the trip to Vancouver, BC by twenty minutes. The difference causes increased access times to and from downtown Vancouver, but reduces the back-tracking required for trips from Surrey, Delta, Richmond, and New Westminster. Downtown Vancouver is still assumed to be accessible via Sky Train and the existing travel time on Sky Train between Scott Road and the Main Street/Science World station is twenty-seven minutes with frequent headways (2 to 4 minutes in the peak and eight minutes late night), which is slower than the twenty minute direct rail time. The overall increase in ridership and revenue for the system caused by the new station is about 2.5 percent. The increase in ridership and revenue at the station is more dramatic as shown in **Exhibit 8-1**, on the following page. It should also be noted, however, that due to the unreliability of rail travel over the Fraser River Bridge (as discussed in the Amtrak Cascades Operating and Infrastructure Plan), travel between Scott Road and downtown Vancouver could result in shorter travel times via SkyTrain.

The fare sensitivity analysis estimates the affect of increasing rail fares on the passengers travel choice. It is expected that as service frequency and quality in the corridor are improved, fares would be increased to reflect the improved service levels. The base runs were all estimated assuming no change in fares (constant in real dollars) despite the fact that real income is forecast to increase up to 2.5 percent per year and the increase in service frequency and speed make rail a more appealing option than in the base. Sensitivity analyses were performed on the 2008 and 2023 Build and Revision A scenarios. The 2008 analysis assumed a 23 percent increase in fares over the base run and the 2023 analyses assumed a 46 percent increase over the base.

Exhibit 8-1 Ridership and Revenue for Vancouver, BC Station Location Analysis

| | Exis | TING STATION | SCOTT | ROAD STATION | % IN | CREASE |
|-------|---------|--------------|---------|--------------|--------|---------|
| YEAR | Riders | Revenue | Riders | Revenue | Riders | Revenue |
| 2023 | 711,000 | \$17,229,000 | 763,000 | \$18,336,000 | 7.3% | 6.4% |
| 2023A | 861,000 | \$20,721,000 | 952,100 | \$22,643,000 | 10.6% | 9.3% |

Exhibit 8-2 displays the results of the sensitivity analysis in a more concise format along with the fare elasticity. Fare elasticity can be interpreted as the percentage change in ridership with respect to the percentage change in the fare.

The decrease in fare sensitivity between 2008 and 2023 is caused by the strong increase in real per capita income in the study area. Initial reaction that the growth rate in real per capita income is too high is set aside by historical data obtained from the Bureau of Economic Analysis. These data show national average per capita income increased by 2.1 percent per year from 1970 to 2000.

Exhibit 8-2 Sensitivity Analysis Results

| | BASE R | ESULTS | INCR | EASED FARE RES | ULTS |
|------------------------|-----------|-------------------------|-----------|-------------------------|--------------------|
| | Riders | REVENUE (MILLION \$) | Riders | REVENUE (MILLION \$) | Fare Elasticity |
| 2008 | 1,488,100 | \$ 34,280 | 1.316.500 | \$ 37,391 | -0.50 |
| Analysis | 1,100,100 | \$ 0 H200 | 1/010/000 | \$ 071071 | 0100 |
| 2023 Build | 3 101 500 | \$ 71 568 | 2 680 300 | ¢ 01 883 | -0.34 |
| ANALYSIS | 5,171,500 | ψ74.500 | 2,000,500 | ψ /1.005 | -0.54 |
| 2023 Rev A Analysis | 3,397,800 | \$ 79.064 | 2,858,700 | \$ 97.645 | -0.34 |

Appendix A Timetables

Appendix A Base Year 2002

| 760 | 750 | 552 | 752 | 762 | 14 | 754 | | Train # | | | 751 | 757 | 11 | 761 | 753 | 755 | 763 |
|----------|----------|----------|----------|---------|----------|---------|-----|------------------------|------|-----|----------|----------|----------|----------|---------|----------|---------|
| Daily | Daily | Daily | Daily | Daily | Daily | Daily | | Station Name | Mile | | Mon-Sat | Sun | Daily | Daily | Daily | Daily | Daily |
| 11:40 AM | | | | | | | Arr | Vancouver, BC | 0 | Dep | | | | | | | 6:00 PM |
| 9:52 AM | | | | 8:00 PM | | | | Bellingham, WA | 58 | | | | | 10:20 AM | | | 7:30 PN |
| 9:21 AM | | | | 6:56 PM | | | | Mt. Vernon, WA | 84 | | | | | 10:46 AM | | | 7:56 PM |
| 8:37 AM | | | | 6:22 PM | | | | Everett, WA | 123 | | | | | 11:33 AM | | | 8:43 PM |
| 8:13 AM | | | | 5:58 PM | | | | Edmonds, WA | 138 | | | | | 11:55 AM | | | 9:05 PN |
| 7:45 AM | | | – | 5:30 PM | | | | Seattle, WA | 156 | | | | | 12:45 PM | | | 9:55 PN |
| | 12:15 PM | | 4:00 PM | | 8:25 PM | 9:45 PM | | Seattle, WA | 156 | | 7:30 AM | 8:00 AM | 9:45 AM | ↓ | 1:45 PM | 5:25 PM | |
| | 11:47 AM | | 3:32 PM | | | 9:17 PM | | Tukwila, WA | 171 | | 7:44 AM | 8:14 AM | | | 1:59 PM | 5:39 PM | |
| | 11:17 AM | | 3:02 PM | | 7:00 PM | 8:47 PM | | Tacoma, WA | 196 | | 8:18 AM | 8:48 AM | 10:43 AM | | 2:33 PM | 6:13 PM | |
| | 10:37 AM | | 2:22 PM | | 6:12 PM | 8:07 PM | | Olympia-Lacy, WA | 228 | | 8:55 AM | 9:25 AM | 11:29 AM | | 3:10 PM | 6:50 PM | |
| | 10:17 AM | | 2:02 PM | | 5:50 PM | 7:47 PM | | Centralia, WA | 250 | | 9:18 AM | 9:48 AM | 11:52 AM | | 3:33 PM | 7:13 PM | |
| | 9:36 AM | | 1:21 PM | | 5:04 PM | 7:06 PM | | Kelso-Longview, WA | 293 | | 9:57 AM | 10:27 AM | 12:38 PM | | 4:12 PM | 7:52 PM | |
| | 9:03 AM | | 12:48 PM | | 4:23 PM | 6:33 PM | | Vancouver, WA | 332 | | 10:32 AM | 11:02 AM | 1:19 PM | | 4:47 PM | 8:27 PM | |
| | 8:45 AM | | 12:30 PM | | 4:00 PM | 6:15 PM | | Portland, WA | 342 | | 11:00 AM | 11:30 AM | 1:55 PM | | 5:15 PM | 8:52 PM | |
| | 8:20 AM | 12:05 PM | | | 3:40 PM | | | Portland, OR | 342 | | | | 2:15 PM | | 5:30 PM | 9:00 PM | |
| | | | | | | | | Oregon City, OR | 358 | | | | | | | | |
| | 6:57 AM | 10:42 AM | | | 2:03 PM | | | Salem, OR | 395 | | | | 3:27 PM | | 6:37 PM | 10:07 PM | |
| | 6:28 AM | 10:13 AM | | | 1:30 PM | | | Albany, WA | 423 | • | | | 4:00 PM | | 7:06 PM | 10:36 PM | |
| | 5:45 AM | 9:30 AM | | | 12:44 PM | | Dep | Eugene-Springfield, OR | 466 | Arr | | | 5:00 PM | | 8:05 PM | 11:35 PM | |

Appendix A Timetable C

| 115 | 111 | 117 | 109 | 113 | 105 | 103 | 107 | 101 | | Train # | |
|---|---|---|--|---|---|--|---|---|---------------------------------------|--|---|
| Daily | Daily | Daily | Daily | Daily | Daily | Daily | Daily | Daily | | Station Name | Mile |
| | | 6:10 PM | | 12:25 PM | | | 7:30 AM | | Dep | Vancouver, BC | 0 |
| | | 7:36 PM | | 1:48 PM | | | 8:53 AM | | | Bellingham, WA | 58 |
| | | 8:04 PM | | 2:18 PM | | | 9:23 AM | | | Mt. Vernon, WA | 84 |
| | | 8:36 PM | | 2:51 PM | | | 9:56 AM | | | Everett, WA | 123 |
| | | 8:57 PM | | 3:12 PM | | | 10:17 AM | | | Edmonds, WA | 138 |
| | | 9:19 PM | | 3:50 PM | | | 10:55 AM | | | Seattle, WA | 156 |
| 7:40 PM | 6:20 PM | | 4:10 PM | 4:05 PM | 9:55 AM | 8:10 AM | 11:10 AM | 6:30 AM | | Seattle, WA | 156 |
| 7:50 PM | 6:30 PM | | 2:20 PM | 4:15 PM | 10:05 AM | 8:20 AM | 1:20 AM | 6:40 AM | | Tukwila, WA | 171 |
| 8:16 PM | 6:56 PM | | 2:46 PM | 4:41 PM | 10:31 AM | 8:46 AM | 11:46 AM | 7:06 AM | | Tacoma, WA | 196 |
| 8:41 PM | 7:21 PM | | 3:11 PM | 5:06 PM | 10:56 AM | 9:11 AM | 12:11 PM | 7:31 AM | | Olympia-Lacy, WA | 228 |
| 9:00 PM | 7:40 PM | | 3:30 PM | 5:25 PM | 11:15 AM | 9:30 AM | 12:30 PM | 7:50 AM | | Centralia, WA | 250 |
| 9:40 PM | 8:19 PM | | 4:09 PM | 6:04 PM | 11:54 AM | 10:09 AM | 1:09 PM | 8:29 AM | | Kelso-Longview, WA | 293 |
| 10:11 PM | 8:51 PM | | 4:41 PM | 6:36 PM | 12:26 PM | 10:41 AM | 1:41 PM | 9:01 AM | • | Vancouver, WA | 332 |
| 10:23 PM | 9:03 PM | | 4:53 PM | 6:48 PM | 12:38 PM | 10:53 AM | 1:53 PM | 9:13 AM | Arr | Portland, OR | 342 |
| | | | | | | | | | · · · · · · · · · · · · · · · · · · · | | |
| | | | | | | | | | | | |
| 118 | 116 | 114 | 112 | 110 | 108 | 106 | 102 | 104 | | Train # | |
| 118 Daily | 116 Daily | 114 Daily | 112 Daily | 110 Daily | 108 Daily | 106 Daily | 102 Daily | 104 Daily | | Train # Station Name | Mile |
| 118 Daily | 116 Daily | 114 Daily | 112 Daily 9:01 PM | 110 Daily | 108 Daily 4:51 PM | 106 Daily | 102 Daily 10:56 AM | 104 Daily | Arr | Train # Station Name Vancouver, BC | Mile 0 |
| 118 Daily | 116 Daily | 114 Daily | 112 Daily 9:01 PM 7:33 PM | 110 Daily | 108 Daily 4:51 PM 3:23 PM | 106 Daily | 102 Daily 10:56 AM 9:28 AM | 104 Daily | Arr | Train # Station Name Vancouver, BC Bellingham, WA | Mile 0 58 |
| 118 Daily | 116 Daily | 114 Daily | 112 Daily 9:01 PM 7:33 PM 7:04 PM | 110 Daily | 108 Daily 4:51 PM 3:23 PM 2:54 PM | 106 Daily | 102 Daily 10:56 AM 9:28 AM 8:59 AM | 104 Daily | Arr | Train # Station Name Vancouver, BC Bellingham, WA Mt. Vernon, WA | Mile 0 58 84 |
| 118 Daily | 116 Daily | 114 Daily | 112 Daily 9:01 PM 7:33 PM 7:04 PM 6:30 PM | 110 Daily | 108 Daily 4:51 PM 3:23 PM 2:54 PM 2:20 PM | 106 Daily | 102 Daily 10:56 AM 9:28 AM 8:59 AM 8:25 AM | 104 Daily | Arr | Train # Station Name Vancouver, BC Bellingham, WA Mt. Vernon, WA Everett, WA | Mile 0 58 84 123 |
| 118 Daily | 116 Daily | 114 Daily | 112 Daily 9:01 PM 7:33 PM 7:04 PM 6:30 PM 6:11 PM | 110 Daily | 108 Daily 4:51 PM 3:23 PM 2:54 PM 2:20 PM 2:01 PM | 106 Daily | 102 Daily 10:56 AM 9:28 AM 8:59 AM 8:25 AM 8:06 AM | 104 Daily | Arr | Train # Station Name Vancouver, BC Bellingham, WA Mt. Vernon, WA Everett, WA Edmonds, WA | Mile 0 58 84 123 138 |
| 118 Daily | 116 Daily | 114 Daily | 112 Daily 9:01 PM 7:33 PM 7:04 PM 6:30 PM 6:11 PM 5:35 PM | 110 Daily | 108 Daily 4:51 PM 3:23 PM 2:54 PM 2:20 PM 2:01 PM 1:25 PM | 106 Daily | 102 Daily 10:56 AM 9:28 AM 8:59 AM 8:25 AM 8:06 AM 7:45 AM | 104 Daily | Arr | Train # Station Name Vancouver, BC Bellingham, WA Mt. Vernon, WA Everett, WA Edmonds, WA Seattle, WA | Mile 0 58 84 123 138 156 |
| 118 Daily | 116 Daily | 114 Daily 6:38 PM | 112 Daily 9:01 PM 7:33 PM 6:30 PM 6:11 PM 5:35 PM 5:18 PM | 110 Daily 2:53 PM | 108 Daily 4:51 PM 3:23 PM 2:54 PM 2:20 PM 2:01 PM 1:25 PM 1:08 PM | 106 Daily 11:23 AM | 102 Daily 10:56 AM 9:28 AM 8:59 AM 8:25 AM 8:06 AM 7:45 AM | 104 Daily 9:30 AM | Arr | Train # Station Name Vancouver, BC Bellingham, WA Mt. Vernon, WA Everett, WA Edmonds, WA Seattle, WA Seattle, WA | Mile 0 58 84 123 138 156 |
| 118 Daily 10:28 PM 10:16 PM | 116 Daily 8:58 PM 8:46 PM | 114 Daily 6:38 PM 6:26 PM | 112 Daily 9:01 PM 7:33 PM 6:30 PM 6:11 PM 5:35 PM 5:18 PM 5:06 PM | 110 Daily 2:53 PM 2:41 PM | 108 Daily 4:51 PM 3:23 PM 2:54 PM 2:20 PM 2:01 PM 1:25 PM 1:08 PM 12:56 PM | 106 Daily 11:23 AM 11:11 AM | 102 Daily 10:56 AM 9:28 AM 8:59 AM 8:25 AM 8:06 AM 7:45 AM | 104 Daily 9:30 AM 9:01 AM | Arr | Train # Station Name Vancouver, BC Bellingham, WA Mt. Vernon, WA Everett, WA Edmonds, WA Seattle, WA Seattle, WA Tukwila, WA | Mile 0 58 84 123 138 156 156 171 |
| 118 Daily 10:28 PM 10:16 PM 9:48 PM | 116 Daily 8:58 PM 8:46 PM 8:18 PM | 114 Daily 6:38 PM 6:26 PM 5:58 PM | 112 Daily 9:01 PM 7:33 PM 6:30 PM 6:11 PM 5:35 PM 5:18 PM 5:06 PM 4:38 PM | 110 Daily 2:53 PM 2:41 PM 2:13 PM | 108 Daily 4:51 PM 3:23 PM 2:54 PM 2:20 PM 2:01 PM 1:25 PM 1:08 PM 12:56 PM 12:28 PM | 106 Daily 11:23 AM 11:11 AM 10:46 AM | 102 Daily 10:56 AM 9:28 AM 8:59 AM 8:25 AM 8:06 AM 7:45 AM | 104 Daily 9:30 AM 9:01 AM 8:36 AM | Arr | Train # Station Name Vancouver, BC Bellingham, WA Mt. Vernon, WA Everett, WA Edmonds, WA Seattle, WA Seattle, WA Tukwila, WA Tacoma, WA | Mile 0 58 84 123 138 156 156 171 196 |
| 118 Daily 10:28 PM 10:16 PM 9:48 PM 9:25 PM | 116 Daily 8:58 PM 8:46 PM 8:18 PM 7:55 PM | 114 Daily 6:38 PM 6:26 PM 5:58 PM 5:35 PM | 112 Daily 9:01 PM 7:33 PM 6:30 PM 6:11 PM 5:35 PM 5:18 PM 5:06 PM 4:38 PM 4:15 PM | 110 Daily 2:53 PM 2:41 PM 2:13 PM 1:50 PM | 108 Daily 4:51 PM 3:23 PM 2:54 PM 2:20 PM 2:01 PM 1:25 PM 1:08 PM 12:56 PM 12:28 PM 12:05 PM | 106 Daily 11:23 AM 11:11 AM 10:46 AM 10:21 AM | 102 Daily 10:56 AM 9:28 AM 8:59 AM 8:25 AM 8:06 AM 7:45 AM | 104 Daily 9:30 AM 9:01 AM 8:36 AM 8:11 AM | Arr | Train # Station Name Vancouver, BC Bellingham, WA Mt. Vernon, WA Everett, WA Edmonds, WA Seattle, WA Seattle, WA Seattle, WA Tukwila, WA Tacoma, WA Olympia-Lacy, WA | Mile 0 58 84 123 138 156 156 171 196 228 |
| 118 Daily 10:28 PM 10:16 PM 9:48 PM 9:25 PM 9:04 PM | 116 Daily 8:58 PM 8:46 PM 8:18 PM 7:55 PM 7:34 PM | 114 Daily 6:38 PM 6:26 PM 5:58 PM 5:35 PM 5:35 PM | 112 Daily 9:01 PM 7:33 PM 6:30 PM 6:11 PM 5:35 PM 5:18 PM 5:06 PM 4:38 PM 4:15 PM 3:54 PM | 110 Daily 2:53 PM 2:41 PM 2:13 PM 1:50 PM 1:29 PM | 108 Daily 4:51 PM 3:23 PM 2:54 PM 2:20 PM 2:01 PM 1:25 PM 1:08 PM 12:56 PM 12:28 PM 12:05 PM 11:44 AM | 106 Daily 11:23 AM 11:11 AM 10:46 AM 10:21 AM 10:02 AM | 102 Daily 10:56 AM 9:28 AM 8:59 AM 8:25 AM 8:06 AM 7:45 AM | 104 Daily 9:30 AM 9:01 AM 8:36 AM 8:11 AM 7:52 AM | Arr | Train # Station Name Vancouver, BC Bellingham, WA Mt. Vernon, WA Everett, WA Edmonds, WA Seattle, WA Seattle, WA Seattle, WA Tukwila, WA Tacoma, WA Olympia-Lacy, WA Centralia, WA | Mile 0 58 84 123 138 156 156 171 196 228 250 |
| 118 Daily 10:28 PM 10:16 PM 9:48 PM 9:25 PM 9:04 PM 8:28 PM | 116 Daily 8:58 PM 8:46 PM 8:18 PM 7:55 PM 7:34 PM 6:58 PM | 114 Daily 6:38 PM 6:26 PM 5:58 PM 5:35 PM 5:35 PM 5:14 PM 4:38 PM | 112 Daily 9:01 PM 7:33 PM 6:30 PM 6:11 PM 5:35 PM 5:18 PM 5:06 PM 4:38 PM 4:15 PM 3:54 PM 3:18 PM | 110 Daily 2:53 PM 2:41 PM 2:13 PM 1:50 PM 1:29 PM 12:53 PM | 108 Daily 4:51 PM 3:23 PM 2:54 PM 2:20 PM 2:01 PM 1:25 PM 1:08 PM 12:56 PM 12:28 PM 12:05 PM 11:44 AM 11:08 AM | 106 Daily 11:23 AM 11:11 AM 10:46 AM 10:21 AM 10:02 AM 9:24 AM | 102 Daily 10:56 AM 9:28 AM 8:59 AM 8:25 AM 8:06 AM 7:45 AM | 104 Daily 9:30 AM 9:01 AM 8:36 AM 8:11 AM 7:52 AM 7:14 AM | Arr | Train # Station Name Vancouver, BC Bellingham, WA Mt. Vernon, WA Everett, WA Edmonds, WA Seattle, WA Seattle, WA Tukwila, WA Tacoma, WA Olympia-Lacy, WA Centralia, WA Kelso-Longview, WA | Mile 0 58 84 123 138 156 156 171 196 228 250 293 |
| 118 Daily 10:28 PM 10:16 PM 9:48 PM 9:25 PM 9:04 PM 8:28 PM 7:56 PM | 116 Daily 8:58 PM 8:46 PM 8:18 PM 7:55 PM 7:34 PM 6:58 PM 6:26 PM | 114 Daily 6:38 PM 6:26 PM 5:58 PM 5:35 PM 5:14 PM 4:38 PM 4:06 PM | 112 Daily 9:01 PM 7:33 PM 6:30 PM 6:11 PM 5:35 PM 5:18 PM 5:06 PM 4:38 PM 4:15 PM 3:54 PM 3:54 PM 3:18 PM | 110 Daily 2:53 PM 2:41 PM 2:13 PM 1:50 PM 1:29 PM 12:53 PM 12:21 PM | 108 Daily 4:51 PM 3:23 PM 2:54 PM 2:20 PM 2:01 PM 1:25 PM 1:08 PM 12:56 PM 12:28 PM 12:05 PM 11:44 AM 11:08 AM 10:36 AM | 106 Daily 11:23 AM 11:11 AM 10:46 AM 10:21 AM 10:02 AM 9:24 AM 8:52 AM | 102 Daily 10:56 AM 9:28 AM 8:59 AM 8:25 AM 8:06 AM 7:45 AM | 104 Daily 9:30 AM 9:01 AM 8:36 AM 8:11 AM 7:52 AM 7:14 AM 6:42 AM | Arr | Train # Station Name Vancouver, BC Bellingham, WA Mt. Vernon, WA Everett, WA Edmonds, WA Seattle, WA Seattle, WA Tukwila, WA Tacoma, WA Olympia-Lacy, WA Centralia, WA Kelso-Longview, WA | Mile 0 58 84 123 138 156 156 171 196 228 250 293 332 |

Appendix A Timetable F

| 127 | 125 | 121 | 119 | 123 | 117 | 113 | 115 | 111 | 107 | 105 | 109 | 103 | 101 | | Train # | |
|----------|----------|---------|---------|---------|---------|---------|----------|----------|----------|----------|----------|----------|---------|-----|--------------------|------|
| Daily | Daily | Daily | Daily | Daily | Daily | Daily | Daily | Daily | Daily | Daily | Daily | Daily | Daily | | Station Name | Mile |
| 8:14 PM | | | | 4:14 PM | | | 12:14 PM | | | | 8:14 AM | | | Dep | Vancouver, BC | 0 |
| 9:07 PM | | | | 5:07 PM | | | 1:07 PM | | | | 9:07 AM | | | - | Bellingham, WA | 58 |
| 9:27 PM | | | | 5:27 PM | | | 1:27 PM | | | | 9:27 AM | | | | Mt. Vernon, WA | 84 |
| 9:59 PM | | | | 5:59 PM | | | 1:59 PM | | | | 9:59 AM | | | | Everett, WA | 123 |
| 10:17 PM | | | | 6:17 PM | | | 2:17 AM | | | | 10:17 AM | | | | Edmonds, WA | 138 |
| 10:51 PM | | | | 6:51 PM | | | 2:51 AM | | | | 10:51 AM | | | | Seattle, WA | 156 |
| | 8:06 PM | 6:06 PM | 5:06 PM | 7:06 PM | 4:06 PM | 2:06 PM | 3:06 PM | 12:06 PM | 10:06 AM | 9:06 AM | 11:06 AM | 8:06 AM | 6:06 AM | | Seattle, WA | 156 |
| | 8:18 PM | 6:18 PM | 5:18 PM | 7:18 PM | 4:18 PM | 2:18 PM | 3:18 PM | 12:18 PM | 10:18 AM | 9:18 AM | 11:18 AM | 8:18 AM | 6:18 AM | | Tukwila, WA | 171 |
| | 8:46 PM | 6:46 PM | 5:46 PM | 7:46 PM | 4:46 PM | 2:46 PM | 3:46 PM | 12:46 PM | 10:46 AM | 9:46 AM | 11:46 AM | 8:46 AM | 6:46 AM | | Tacoma, WA | 196 |
| | 9:05 PM | 7:05 PM | 6:05 PM | 8:05 PM | 5:05 PM | 3:05 PM | 4:05 PM | 1:05 PM | 11:05 AM | 10:05 AM | 12:05 PM | 9:05 AM | 7:05 AM | | Olympia-Lacy, WA | 228 |
| | 9:22 PM | 7:22 PM | 6:22 PM | 8:22 PM | 5:22 PM | 3:22 PM | 4:22 PM | 1:22 PM | 11:22 AM | 10:22 AM | 12:22 PM | 9:22 AM | 7:22 AM | | Centralia, WA | 250 |
| | 9:49 PM | 7:49 PM | 6:49 PM | 8:49 PM | 5:49 PM | 3:49 PM | 4:49 PM | 1:49 PM | 11:49 AM | 10:49 AM | 12:49 PM | 9:49 AM | 7:49 AM | | Kelso-Longview, WA | 293 |
| | 10:15 PM | 8:15 PM | 7:15 PM | 9:15 PM | 6:15 PM | 4:15 PM | 5:15 PM | 2:15 PM | 12:15 PM | 11:15 AM | 1:15 PM | 10:15 AM | 8:15 AM | • | Vancouver, WA | 332 |
| | 10:36 PM | 8:36 PM | 7:36 PM | 9:36 PM | 6:36 PM | 4:36 PM | 5:36 PM | 2:36 PM | 12:36 PM | 11:36 AM | 1:36 PM | 10:36 AM | 8:36 AM | Arr | Portland, OR | 342 |

| 128 | 126 | 124 | 122 | 120 | 118 | 116 | 114 | 112 | 110 | 108 | 106 | 102 | 104 | | Train # | |
|----------|---------|---------|---------|---------|---------|---------|----------|----------|----------|----------|---------|---------|---------|-----|--------------------|------|
| Daily | Daily | Daily | Daily | Daily | Daily | Daily | Daily | Daily | Daily | Daily | Daily | Daily | Daily | | Station Name | Mile |
| | | | | | 8:09 PM | | 5:09 PM | | | 1:22 PM | | 9:22 AM | | Arr | Vancouver, BC | 0 |
| | | | | | 7:16 PM | | 4:16 PM | | | 12:16 PM | | 8:16 AM | | | Bellingham, WA | 58 |
| | | | | | 6:56 PM | | 3:55 PM | | | 11:55 AM | | 7:55 AM | | T | Mt. Vernon, WA | 84 |
| | | | | | 6:24 PM | | 3:24 PM | | | 11:24 AM | | 7:24 AM | | | Everett, WA | 123 |
| | | | | | 6:06 PM | | 3:06 PM | | | 11:06 AM | | 7:06 AM | | | Edmonds, WA | 138 |
| | | | | | 5:30 PM | | 2:30 PM | | | 10:30 AM | | 6:45 AM | | | Seattle, WA | 156 |
| 10:19 PM | 9:19 PM | 8:19 PM | 7:19 PM | 6:19 PM | 5:19 PM | 4:19 PM | 2:19 PM | 12:19 PM | 11:19 AM | 10:19 AM | 9:19 AM | | 8:19 AM | | Seattle, WA | 156 |
| 10:06 PM | 9:06 PM | 8:06 PM | 7:06 PM | 6:06 PM | 5:06 PM | 4:06 PM | 2:06 PM | 12:06 PM | 11:06 AM | 10:06 AM | 9:06 AM | | 8:06 AM | | Tukwila, WA | 171 |
| 9:39 PM | 8:39 PM | 7:39 PM | 6:39 PM | 5:39 PM | 4:39 PM | 3:39 PM | 1:39 PM | 11:39 AM | 10:39 AM | 9:39 AM | 8:39 AM | | 7:39 AM | | Tacoma, WA | 196 |
| 9:19 PM | 8:19 PM | 7:19 PM | 6:19 PM | 5:19 PM | 4:19 PM | 3:19 PM | 1:19 PM | 11:19 AM | 10:19 AM | 9:19 AM | 8:19 AM | | 7:19 AM | | Olympia-Lacy, WA | 228 |
| 9:03 PM | 8:03 PM | 7:03 PM | 6:03 PM | 5:03 PM | 4:03 PM | 3:03 PM | 1:03 PM | 11:03 AM | 10:03 AM | 9:03 AM | 8:03 AM | | 7:03 AM | | Centralia, WA | 250 |
| 8:36 PM | 7:36 PM | 6:36 PM | 5:36 PM | 4:36 PM | 3:36 PM | 2:36 PM | 12:36 PM | 10:36 AM | 9:36 AM | 8:36 AM | 7:36 AM | | 6:36 AM | | Kelso-Longview, WA | 293 |
| 8:10 PM | 7:10 PM | 6:10 PM | 5:10 PM | 3:10 PM | 3:10 PM | 2:10 PM | 12:10 PM | 10:10 AM | 9:10 AM | 8:10 AM | 7:10 AM | | 6:10 AM | | Vancouver, WA | 332 |
| 8:00 PM | 7:00 PM | 6:00 PM | 5:00 PM | 4:00 PM | 3:00 PM | 2:00 PM | 12:00 PM | 10:00 AM | 9:00 AM | 8:00 AM | 7:00 AM | | 6:00 AM | Dep | Portland, OR | 342 |

Appendix A Timetable F Revision A

| 102 | 104 | 106 | 108 | 110 | 112 | 114 | 116 | 118 | 120 | 122 | 124 | 126 | 128 | 126 | | Train # | |
|---|---|--|---|---|---|--|--|---|--|---|---|--|---|--|----|--|---|
| Daily | Daily | Daily | Daily | Daily | Daily | Daily | Daily | Daily | Daily | Daily | Daily | Daily | Daily | Daily | | Station Name | Mile |
| 9:22 AM | 11:22 AM | | 1:22 PM | | | | 5:22 PM | 7:22 PM | | | | | | | Ar | Vancouver, BC | 0 |
| 8:19 AM | 10:19 AM | | 12:19 PM | | | | 4:19 PM | 6:19 PM | | | | | | | | Bellingham, WA | 58 |
| 7:56 AM | 9:56 AM | | 11:56 AM | | | | 3:56 PM | 5:56 PM | | | | | | | | Mt. Vernon, WA | 84 |
| 7:27 AM | 9:27 AM | | 11:27 AM | | | | 3:27 PM | 5:27 PM | | | | | | | | Everett, WA | 123 |
| 7:07 AM | 9:07 AM | | 11:07 AM | | | | 3:07 PM | 5:07 PM | | | | | | | | Edmonds, WA | 138 |
| 6:45 AM | 8:45 AM | | 10:45 AM | | | | 2:45 PM | 4:45 PM | | | | | | | | Seattle, WA | 156 |
| | 8:30 AM | 9:30 AM | 10:30 AM | 11:30 AM | 12:30 PM | 1:30 PM | 2:30 PM | 4:30 PM | 5:30 PM | 6:30 PM | 7:30 PM | 8:30 PM | 9:30 PM | 10:30 PM | | Seattle, WA | 156 |
| | 8:07 AM | 9:07 AM | 10:07 AM | 11:07 AM | 12:07 PM | 1:07 PM | 2:07 PM | 4:07 PM | 5:07 PM | 6:07 PM | 7:07 PM | 8:07 PM | 9:07 PM | 10:07 PM | | Tukwila, WA | 171 |
| | 7:42 AM | 8:42 AM | 9:42 AM | 10:42 AM | 11:42 AM | 12:42 PM | 1:42 PM | 3:42 PM | 4:42 PM | 5:42 PM | 6:42 PM | 7:42 PM | 8:42 PM | 9:42 PM | | Tacoma, WA | 196 |
| | 7:20 AM | 8:20 AM | 9:20 AM | 10:20 AM | 11:20 AM | 12:20 PM | 1:20 PM | 3:20 PM | 4:20 PM | 5:20 PM | 6:20 PM | 7:20 PM | 8:20 PM | 9:20 PM | | Olympia-Lacy, WA | 228 |
| | 7:06 AM | 8:06 AM | 9:06 AM | 10:06 AM | 11:06 AM | 12:06 PM | 1:06 PM | 3:06 PM | 4:06 PM | 5:06 PM | 6:06 PM | 7:06 PM | 8:06 PM | 9:06 PM | | Centralia, WA | 250 |
| | 6:37 AM | 7:37 AM | 8:37 AM | 9:37 AM | 10:37 AM | 11:37 AM | 12:37 PM | 2:37 PM | 3:37 PM | 4:37 PM | 5:37 PM | 6:37 PM | 7:37 PM | 8:37 PM | | Kelso-Longview, WA | 293 |
| | 6:11 AM | 7:11 AM | 8:11 AM | 9:11 AM | 10:11 AM | 11:11 AM | 12:11 PM | 2:11 PM | 3:11 PM | 4:11 PM | 5:11 PM | 6:11 PM | 7:11 PM | 8:11 PM | | Vancouver, WA | 332 |
| | 6:00 AM | 7:00 AM | 8:00 AM | 9:00 AM | 10:00 AM | 11:00 AM | 12:00 PM | 2:00 PM | 3:00 PM | 4:00 PM | 5:00 PM | 6:00 PM | 7:00 PM | 8:00 PM | De | Portland, OR | 342 |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| 101 | 103 | 105 | 107 | 109 | 111 | 113 | 115 | 117 | 119 | 121 | 123 | 125 | 127 | 125 | | Train # | |
| 101 Daily | 103 Daily | 105 Daily | 107 Daily | 109 Daily | 111 Daily | 113 Daily | 115 Daily | 117 Daily | 119 Daily | 121 Daily | 123 Daily | 125 Daily | 127 Daily | 125 Daily | | Train # Station Name | Mile |
| 101 Daily | 103 Daily | 105 Daily | 107 Daily | 109 Daily | 111 Daily 8:14 AM | 113 Daily | 115 Daily | 117 Daily 12:14 PM | 119 Daily | 121 Daily 2:14 PM | 123 Daily | 125 Daily 4:14 PM | 127 Daily | 125 Daily 8:14 PM | De | Train # Station Name Vancouver, BC | Mile 0 |
| 101 Daily | 103 Daily | 105 Daily | 107 Daily | 109 Daily | 111 Daily 8:14 AM 9:07 AM | 113 Daily | 115 Daily | 117 Daily 12:14 PM 1:07 PM | 119 Daily | 121 Daily 2:14 PM 3:07 PM | 123 Daily | 125 Daily 4:14 PM 5:07 PM | 127 Daily | 125 Daily 8:14 PM 9:07 PM | De | Train # Station Name Vancouver, BC Bellingham, WA | Mile 0 58 |
| 101 Daily | 103 Daily | 105 Daily | 107 Daily | 109 Daily | 111 Daily 8:14 AM 9:07 AM 9:27 AM | 113 Daily | 115 Daily | 117 Daily 12:14 PM 1:07 PM 1:27 PM | 119 Daily | 121 Daily 2:14 PM 3:07 PM 3:27 PM | 123 Daily | 125 Daily 4:14 PM 5:07 PM 5:27 PM | 127 Daily | 125 Daily 8:14 PM 9:07 PM 9:27 PM | De | Train # Station Name Vancouver, BC Bellingham, WA Mt. Vernon, WA | Mile 0 58 84 |
| 101 Daily | 103 Daily | 105 Daily | 107 Daily | 109 Daily | 111 Daily 8:14 AM 9:07 AM 9:27 AM 9:59 AM | 113 Daily | 115 Daily | 117 Daily 12:14 PM 1:07 PM 1:27 PM 1:59 PM | 119 Daily | 121 Daily 2:14 PM 3:07 PM 3:27 PM 3:59 PM | 123 Daily | 125 Daily 4:14 PM 5:07 PM 5:27 PM 5:59 PM | 127 Daily | 125 Daily 8:14 PM 9:07 PM 9:27 PM 9:59 PM | De | Train # Station Name Vancouver, BC Bellingham, WA Mt. Vernon, WA Everett, WA | Mile 0 58 84 123 |
| 101 Daily | 103 Daily | 105 Daily | 107 Daily | 109 Daily | 111 Daily 8:14 AM 9:07 AM 9:27 AM 9:59 AM 10:17 AM | 113 Daily | 115 Daily | 117 Daily 12:14 PM 1:07 PM 1:27 PM 1:59 PM 2:17 PM | 119 Daily | 121 Daily 2:14 PM 3:07 PM 3:27 PM 3:59 PM 4:17 PM | 123 Daily | 125 Daily 4:14 PM 5:07 PM 5:27 PM 5:59 PM 6:17 PM | 127 Daily | 125 Daily 8:14 PM 9:07 PM 9:27 PM 9:59 PM 10:17 PM | De | Train # Station Name Vancouver, BC Bellingham, WA Mt. Vernon, WA Everett, WA Edmonds, WA | Mile 0 58 84 123 138 |
| 101 Daily | 103 Daily | 105 Daily | 107 Daily | 109 Daily | 111 Daily 8:14 AM 9:07 AM 9:27 AM 9:59 AM 10:17 AM 10:50 AM | 113 Daily | 115 Daily | 117 Daily 12:14 PM 1:07 PM 1:27 PM 1:59 PM 2:17 PM 2:50 PM | 119 Daily | 121 Daily 2:14 PM 3:07 PM 3:27 PM 3:59 PM 4:17 PM 4:50 PM | 123 Daily | 125 Daily 4:14 PM 5:07 PM 5:27 PM 5:59 PM 6:17 PM 6:50 PM | 127 Daily | 125 Daily 8:14 PM 9:07 PM 9:27 PM 9:59 PM 10:17 PM 10:50 PM | De | Train # Station Name Vancouver, BC Bellingham, WA Mt. Vernon, WA Everett, WA Edmonds, WA Seattle, WA | Mile 0 58 84 123 138 156 |
| 101 Daily 6:06 AM | 103 Daily 7:07 AM | 105 Daily 8:06 AM | 107 Daily 9:06 AM | 109 Daily | 111 Daily 8:14 AM 9:07 AM 9:27 AM 9:59 AM 10:17 AM 10:50 AM 11:06 AM | 113 Daily 12:06 PM | 115 Daily 2:06 PM | 117 Daily 12:14 PM 1:07 PM 1:27 PM 1:59 PM 2:17 PM 2:50 PM 3:06 PM | 119 Daily 4:06 PM | 121 Daily 2:14 PM 3:07 PM 3:27 PM 3:59 PM 4:17 PM 4:50 PM 5:06 PM | 123 Daily 6:06 PM | 125 Daily 4:14 PM 5:07 PM 5:27 PM 5:59 PM 6:17 PM 6:50 PM 7:06 PM | 127 Daily 8:06 PM | 125 Daily 8:14 PM 9:07 PM 9:27 PM 9:59 PM 10:17 PM 10:50 PM | De | Train # Station Name Vancouver, BC Bellingham, WA Mt. Vernon, WA Everett, WA Edmonds, WA Seattle, WA Seattle, WA | Mile 0 58 84 123 138 156 156 |
| 101 Daily 6:06 AM 6:18 AM | 103 Daily 7:07 AM 7:19 AM | 105 Daily 8:06 AM 8:18 AM | 107 Daily 9:06 AM 9:18 AM | 109 Daily 10:06 AM 10:18 AM | 111 Daily 8:14 AM 9:07 AM 9:27 AM 9:59 AM 10:17 AM 10:50 AM 11:06 AM 11:18 AM | 113 Daily 12:06 PM 12:18 PM | 115 Daily 2:06 PM 2:18 PM | 117 Daily 12:14 PM 1:07 PM 1:27 PM 1:59 PM 2:17 PM 2:50 PM 3:06 PM 3:18 PM | 119 Daily 4:06 PM 4:18 PM | 121 Daily 2:14 PM 3:07 PM 3:27 PM 3:59 PM 4:17 PM 4:50 PM 5:06 PM 5:18 PM | 123 Daily 6:06 PM 6:18 PM | 125 Daily 4:14 PM 5:07 PM 5:27 PM 5:59 PM 6:17 PM 6:50 PM 7:06 PM 7:18 PM | 127 Daily 8:06 PM 8:18 PM | 125 Daily 8:14 PM 9:07 PM 9:27 PM 9:59 PM 10:17 PM 10:50 PM | De | Train # Station Name Vancouver, BC Bellingham, WA Mt. Vernon, WA Everett, WA Edmonds, WA Seattle, WA Seattle, WA Tukwila, WA | Mile 0 58 84 123 138 156 156 171 |
| 101 Daily 6:06 AM 6:18 AM 6:46 AM | 103 Daily 7:07 AM 7:19 AM 7:47 AM | 105 Daily 8:06 AM 8:18 AM 8:46 AM | 107 Daily 9:06 AM 9:18 AM 9:46 AM | 109 Daily 10:06 AM 10:18 AM 10:46 AM | 111 Daily 8:14 AM 9:07 AM 9:27 AM 9:59 AM 10:17 AM 10:50 AM 11:06 AM 11:18 AM 11:46 AM | 113 Daily 12:06 PM 12:18 PM 12:46 PM | 115 Daily 2:06 PM 2:18 PM 2:46 PM | 117 Daily 12:14 PM 1:07 PM 1:27 PM 1:59 PM 2:17 PM 2:50 PM 3:06 PM 3:18 PM 3:46 PM | 119 Daily 4:06 PM 4:18 PM 4:46 PM | 121 Daily 2:14 PM 3:07 PM 3:27 PM 3:59 PM 4:17 PM 4:50 PM 5:06 PM 5:18 PM 5:46 PM | 123 Daily 6:06 PM 6:18 PM 6:46 PM | 125 Daily 4:14 PM 5:07 PM 5:27 PM 5:59 PM 6:17 PM 6:50 PM 7:06 PM 7:18 PM 7:46 PM | 127 Daily 8:06 PM 8:18 PM 8:46 PM | 125 Daily 8:14 PM 9:07 PM 9:27 PM 9:59 PM 10:17 PM 10:50 PM | | Train # Station Name Vancouver, BC Bellingham, WA Mt. Vernon, WA Everett, WA Edmonds, WA Seattle, WA Seattle, WA Tukwila, WA Tacoma, WA | Mile 0 588 844 123 138 156 156 171 196 |
| 101 Daily 6:06 AM 6:18 AM 6:46 AM 7:05 AM | 103 Daily 7:07 AM 7:19 AM 7:47 AM 8:06 AM | 105 Daily 8:06 AM 8:18 AM 8:46 AM 9:05 AM | 107 Daily 9:06 AM 9:18 AM 9:46 AM 10:05 AM | 109 Daily 10:06 AM 10:18 AM 10:46 AM 11:05 AM | 111 Daily 8:14 AM 9:07 AM 9:27 AM 9:59 AM 10:17 AM 10:50 AM 11:06 AM 11:06 AM 11:18 AM 11:46 AM 12:05 PM | 113 Daily 12:06 PM 12:18 PM 12:46 PM 1:05 PM | 115 Daily 2:06 PM 2:18 PM 2:46 PM 3:05 PM | 117 Daily 12:14 PM 1:07 PM 1:27 PM 1:59 PM 2:17 PM 2:50 PM 3:06 PM 3:18 PM 3:46 PM 4:05 PM | 119 Daily 4:06 PM 4:18 PM 4:46 PM 5:05 PM | 121 Daily 2:14 PM 3:07 PM 3:27 PM 3:59 PM 4:17 PM 4:50 PM 5:06 PM 5:18 PM 5:46 PM 6:05 PM | 123 Daily 6:06 PM 6:18 PM 6:46 PM 7:05 PM | 125 Daily 4:14 PM 5:07 PM 5:27 PM 5:59 PM 6:17 PM 6:50 PM 7:06 PM 7:18 PM 7:46 PM 8:05 PM | 127 Daily 8:06 PM 8:18 PM 8:46 PM 9:05 PM | 125 Daily 8:14 PM 9:07 PM 9:27 PM 9:59 PM 10:17 PM 10:50 PM | De | Train # Station Name Vancouver, BC Bellingham, WA Mt. Vernon, WA Everett, WA Edmonds, WA Seattle, WA Seattle, WA Tukwila, WA Tacoma, WA Olympia-Lacy, WA | Mile 0 588 844 123 138 156 156 176 171 196 228 |
| 101 Daily 6:06 AM 6:18 AM 6:46 AM 7:05 AM 7:22 AM | 103 Daily 7:07 AM 7:19 AM 7:47 AM 8:06 AM 8:23 AM | 105 Daily 8:06 AM 8:18 AM 8:46 AM 9:05 AM 9:22 AM | 107 Daily 9:06 AM 9:18 AM 9:46 AM 10:05 AM 10:22 AM | 109 Daily 10:06 AM 10:18 AM 10:46 AM 11:05 AM 11:22 AM | 111 Daily 8:14 AM 9:07 AM 9:27 AM 9:59 AM 10:17 AM 10:50 AM 11:06 AM 11:06 AM 11:18 AM 11:46 AM 12:05 PM 12:22 PM | 113 Daily 12:06 PM 12:18 PM 12:46 PM 1:05 PM 1:22 PM | 115 Daily 2:06 PM 2:18 PM 2:46 PM 3:05 PM 3:22 PM | 117 Daily 12:14 PM 1:07 PM 1:27 PM 2:17 PM 2:50 PM 3:06 PM 3:18 PM 3:46 PM 4:05 PM 4:22 PM | 119 Daily 4:06 PM 4:18 PM 4:46 PM 5:05 PM 5:22 PM | 121 Daily 2:14 PM 3:07 PM 3:27 PM 3:59 PM 4:17 PM 4:50 PM 5:06 PM 5:18 PM 5:46 PM 6:05 PM 6:22 PM | 123 Daily 6:06 PM 6:18 PM 6:46 PM 7:05 PM 7:22 PM | 125 Daily 4:14 PM 5:07 PM 5:27 PM 5:59 PM 6:17 PM 6:50 PM 7:06 PM 7:18 PM 7:46 PM 8:05 PM 8:22 PM | 127 Daily 8:06 PM 8:18 PM 8:46 PM 9:05 PM 9:22 PM | 125 Daily 8:14 PM 9:07 PM 9:27 PM 9:59 PM 10:17 PM 10:50 PM | | Train # Station Name Vancouver, BC Bellingham, WA Mt. Vernon, WA Everett, WA Edmonds, WA Seattle, WA Seattle, WA Tukwila, WA Tacoma, WA Olympia-Lacy, WA Centralia, WA | Mile 0 58 84 123 138 156 156 171 196 228 250 |
| 101 Daily 6:06 AM 6:18 AM 6:46 AM 7:05 AM 7:22 AM 7:49 AM | 103 Daily 7:07 AM 7:19 AM 7:47 AM 8:06 AM 8:23 AM 8:50 AM | 105 Daily 8:06 AM 8:18 AM 8:46 AM 9:05 AM 9:22 AM 9:49 AM | 107 Daily 9:06 AM 9:18 AM 9:46 AM 10:05 AM 10:22 AM 10:49 AM | 109 Daily 10:06 AM 10:18 AM 10:46 AM 11:05 AM 11:22 AM 11:24 AM | 111 Daily 8:14 AM 9:07 AM 9:27 AM 9:59 AM 10:17 AM 10:50 AM 11:06 AM 11:06 AM 11:18 AM 11:46 AM 12:05 PM 12:22 PM 12:49 PM | 113 Daily 12:06 PM 12:18 PM 12:46 PM 1:05 PM 1:22 PM 1:24 PM | 115 Daily 2:06 PM 2:18 PM 2:46 PM 3:05 PM 3:22 PM 3:24 PM | 117 Daily 12:14 PM 1:07 PM 1:27 PM 2:17 PM 2:50 PM 3:06 PM 3:18 PM 3:46 PM 4:05 PM 4:22 PM 4:49 PM | 119 Daily 4:06 PM 4:18 PM 4:46 PM 5:05 PM 5:22 PM 5:22 PM 5:49 PM | 121 Daily 2:14 PM 3:07 PM 3:27 PM 3:59 PM 4:17 PM 4:50 PM 5:06 PM 5:18 PM 5:46 PM 6:05 PM 6:22 PM 6:49 PM | 123 Daily 6:06 PM 6:18 PM 6:46 PM 7:05 PM 7:22 PM 7:29 PM | 125 Daily 4:14 PM 5:07 PM 5:27 PM 6:17 PM 6:50 PM 7:06 PM 7:18 PM 7:46 PM 8:05 PM 8:22 PM 8:49 PM | 127 Daily 8:06 PM 8:18 PM 8:46 PM 9:05 PM 9:22 PM 9:22 PM | 125 Daily 8:14 PM 9:07 PM 9:27 PM 9:59 PM 10:17 PM 10:50 PM | | Train # Station Name Vancouver, BC Bellingham, WA Mt. Vernon, WA Everett, WA Edmonds, WA Seattle, WA Seattle, WA Tukwila, WA Tacoma, WA Olympia-Lacy, WA Centralia, WA Kelso-Longview, WA | Mile 0 58 84 123 138 156 156 171 196 228 250 293 |
| 101 Daily 6:06 AM 6:18 AM 6:46 AM 7:05 AM 7:22 AM 7:49 AM 8:15 AM | 103 Daily 7:07 AM 7:19 AM 7:47 AM 8:06 AM 8:23 AM 8:50 AM 9:16 AM | 105 Daily 8:06 AM 8:18 AM 8:46 AM 9:05 AM 9:22 AM 9:49 AM 10:15 AM | 107 Daily 9:06 AM 9:18 AM 9:46 AM 10:05 AM 10:22 AM 10:49 AM 11:15 AM | 109 Daily Daily 10:06 AM 10:18 AM 10:46 AM 11:05 AM 11:22 AM 11:29 AM 12:15 PM | 111 Daily 8:14 AM 9:07 AM 9:27 AM 9:59 AM 10:17 AM 10:50 AM 11:06 AM 11:06 AM 11:18 AM 11:46 AM 12:05 PM 12:22 PM 12:49 PM 1:15 PM | 113 Daily 12:06 PM 12:18 PM 12:46 PM 1:05 PM 1:22 PM 1:29 PM 2:15 PM | 115 Daily 2:06 PM 2:18 PM 2:46 PM 3:05 PM 3:22 PM 3:29 PM 3:49 PM 4:15 PM | 117 Daily 12:14 PM 1:07 PM 1:27 PM 2:17 PM 2:50 PM 3:06 PM 3:18 PM 3:46 PM 4:05 PM 4:22 PM 4:49 PM 5:15 PM | 119 Daily 4:06 PM 4:18 PM 4:46 PM 5:05 PM 5:22 PM 5:22 PM 5:49 PM 6:15 PM | 121 Daily 2:14 PM 3:07 PM 3:27 PM 3:59 PM 4:17 PM 4:50 PM 5:06 PM 5:18 PM 5:46 PM 6:05 PM 6:22 PM 6:49 PM 7:15 PM | 123 Daily 6:06 PM 6:18 PM 6:46 PM 7:05 PM 7:22 PM 7:29 PM 8:15 PM | 125 Daily 4:14 PM 5:07 PM 5:27 PM 6:59 PM 6:17 PM 6:50 PM 7:06 PM 7:06 PM 7:18 PM 7:46 PM 8:05 PM 8:22 PM 8:49 PM 9:15 PM | 127 Daily 8:06 PM 8:18 PM 8:46 PM 9:05 PM 9:22 PM 9:22 PM 9:49 PM 10:15 PM | 125 Daily 8:14 PM 9:07 PM 9:27 PM 9:59 PM 10:17 PM 10:50 PM | | Train # Station Name Vancouver, BC Bellingham, WA Mt. Vernon, WA Everett, WA Edmonds, WA Seattle, WA Seattle, WA Tukwila, WA Tacoma, WA Olympia-Lacy, WA Centralia, WA Kelso-Longview, WA | Mile 0 58 84 123 138 156 156 171 196 228 250 293 332 |

| | | FY 2002 | Actual (Unlin | ked Trips) | FY 02 Es | stimated (Lin | ked Trips) | FY | 08 Build Esti | nate | FY | 23 Build Estir | nate | FY 2 | 3 Rev A Build E | stimate |
|---------|-------|---------|---------------|-------------|----------|---------------|-------------|---------|---------------|-------------|---------|----------------|--------------|---------|-----------------|--------------|
| Station | Pairs | Riders | Pas Mi | Revenue | Riders | Pas Mi | Revenue | Riders | Pas Mi | Revenue | Riders | Pas Mi | Revenue | Riders | Pas Mi | Revenue |
| VAC | BEL | 5,203 | 301,764 | \$67,135 | 5,203 | 301,764 | \$67,135 | 14,674 | 851,078 | \$189,343 | 47,971 | 2,782,340 | \$619,001 | 65,504 | 3,799,221 | \$845,231 |
| VAC | MVW | 4,355 | 365,813 | \$69,713 | 4,145 | 348,206 | \$66,358 | 11,126 | 934,582 | \$178,104 | 30,683 | 2,577,387 | \$491,176 | 39,740 | 3,338,163 | \$636,158 |
| VAC | EVR | 8,923 | 1,097,577 | \$185,626 | 8,494 | 1,044,750 | \$176,692 | 23,193 | 2,852,717 | \$482,461 | 63,961 | 7,867,214 | \$1,330,530 | 82,841 | 10,189,406 | \$1,723,267 |
| VAC | EDM | 11,725 | 1,618,067 | \$277,689 | 11,826 | 1,631,966 | \$280,074 | 34,170 | 4,715,461 | \$809,255 | 76,212 | 10,517,269 | \$1,804,947 | 90,251 | 12,454,665 | \$2,137,438 |
| VAC | SEA | 64,279 | 10,027,533 | \$1,700,191 | 64,831 | 10,113,664 | \$1,714,794 | 193,622 | 30,205,014 | \$5,121,328 | 431,113 | 67,253,584 | \$11,402,996 | 510,528 | 79,642,426 | \$13,503,552 |
| VAC | TUK | 0 | 0 | \$0 | 0 | 0 | \$0 | 13,961 | 2,387,393 | \$339,471 | 52,393 | 8,959,169 | \$1,273,931 | 62,044 | 10,609,546 | \$1,508,603 |
| VAC | TAC | 0 | 0 | \$0 | 0 | 0 | \$0 | 977 | 191,462 | \$26,560 | 2,945 | 577,151 | \$80,065 | 3,762 | 737,305 | \$102,282 |
| VAC | OLW | 0 | 0 | \$0 | 0 | 0 | \$0 | 227 | 51,658 | \$6,994 | 659 | 150,158 | \$20,331 | 845 | 192,679 | \$26,088 |
| VAC | CTL | 0 | 0 | \$0 | 0 | 0 | \$0 | 121 | 30,225 | \$4,038 | 308 | 76,981 | \$10,285 | 379 | 94,749 | \$12,658 |
| VAC | KEL | 0 | 0 | \$0 | 0 | 0 | \$0 | 53 | 15,637 | \$2,046 | 151 | 44,178 | \$5,782 | 183 | 53,525 | \$7,005 |
| VAC | VAN | 0 | 0 | \$0 | 0 | 0 | \$0 | 208 | 69,186 | \$8,925 | 596 | 197,863 | \$25,526 | 702 | 233,212 | \$30,086 |
| VAC | PDX | 0 | 0 | \$0 | 0 | 0 | \$0 | 1,242 | 424,720 | \$54,617 | 3,284 | 1,123,022 | \$144,417 | 3,834 | 1,311,137 | \$168,608 |
| VAC | SLM | 0 | 0 | \$0 | 0 | 0 | \$0 | 66 | 26,084 | \$3,307 | 134 | 52,741 | \$6,686 | 142 | 56,169 | \$7,121 |
| VAC | ALY | 0 | 0 | \$0 | 0 | 0 | \$0 | 38 | 16,037 | \$2,021 | 80 | 33,663 | \$4,241 | 89 | 37,455 | \$4,719 |
| VAC | EUG | 0 | 0 | \$0 | 0 | 0 | \$0 | 75 | 35,048 | \$4,380 | 161 | 74,805 | \$9,349 | 142 | 66,265 | \$8,282 |
| BEL | MVW | 396 | 10,302 | \$3,199 | 387 | 10,066 | \$3,126 | 836 | 21,744 | \$6,753 | 1,691 | 43,969 | \$13,655 | 1,992 | 51,792 | \$16,085 |
| BEL | EVR | 1,199 | 77,951 | \$15,094 | 1,172 | 76,169 | \$14,749 | 2,489 | 161,801 | \$31,331 | 5,073 | 329,728 | \$63,849 | 5,975 | 388,398 | \$75,210 |
| BEL | EDM | 4,351 | 348,074 | \$61,249 | 4,129 | 330,307 | \$58,123 | 8,811 | 704,880 | \$124,035 | 16,470 | 1,317,593 | \$231,851 | 18,777 | 1,502,173 | \$264,331 |
| BEL | SEA | 33,321 | 3,265,494 | \$544,406 | 31,620 | 3,098,806 | \$516,617 | 62,928 | 6,166,981 | \$1,028,127 | 119,950 | 11,755,130 | \$1,959,754 | 136,754 | 13,401,896 | \$2,234,294 |
| BEL | TUK | 0 | 0 | \$0 | 678 | 76,638 | \$11,967 | 12,997 | 1,468,640 | \$229,329 | 37,924 | 4,285,359 | \$669,161 | 43,236 | 4,885,691 | \$762,903 |
| BEL | TAC | 0 | 0 | \$0 | 467 | 64,433 | \$9,581 | 5,916 | 816,465 | \$121,405 | 12,879 | 1,777,352 | \$264,285 | 15,107 | 2,084,811 | \$310,002 |
| BEL | OLW | 0 | 0 | \$0 | 188 | 31,895 | \$4,540 | 2,376 | 403,947 | \$57,503 | 5,304 | 901,616 | \$128,348 | 6,321 | 1,074,621 | \$152,975 |
| BEL | CTL | 0 | 0 | \$0 | 96 | 18,337 | \$2,553 | 803 | 154,267 | \$21,477 | 1,689 | 324,243 | \$45,141 | 1,940 | 372,525 | \$51,863 |
| BEL | KEL | 0 | 0 | \$0 | 75 | 17,566 | \$2,368 | 708 | 166,458 | \$22,436 | 1,680 | 394,819 | \$53,217 | 1,923 | 451,962 | \$60,919 |
| BEL | VAN | 0 | 0 | \$0 | 64 | 17,565 | \$2,318 | 488 | 133,689 | \$17,643 | 1,143 | 313,069 | \$41,316 | 1,284 | 351,752 | \$46,421 |
| BEL | PDX | 0 | 0 | \$0 | 581 | 165,102 | \$21,690 | 4,233 | 1,202,142 | \$157,929 | 9,872 | 2,803,768 | \$368,340 | 10,855 | 3,082,858 | \$405,005 |
| BEL | SLM | 0 | 0 | \$0 | 118 | 39,766 | \$5,122 | 271 | 91,209 | \$11,748 | 1,409 | 474,711 | \$61,142 | 1,444 | 486,510 | \$62,662 |
| BEL | ALY | 0 | 0 | \$0 | 69 | 25,185 | \$3,217 | 158 | 57,624 | \$7,361 | 843 | 307,848 | \$39,324 | 869 | 317,004 | \$40,494 |
| BEL | EUG | 0 | 0 | \$0 | 136 | 55,488 | \$7,014 | 323 | 131,775 | \$16,656 | 1,739 | 709,373 | \$89,663 | 1,800 | 734,343 | \$92,819 |
| MVW | EVR | 271 | 10,584 | \$2,583 | 271 | 10,562 | \$2,577 | 476 | 18,561 | \$4,529 | 766 | 29,871 | \$7,289 | 777 | 30,322 | \$7,399 |
| MVW | EDM | 444 | 23,997 | \$4,061 | 456 | 24,642 | \$4,170 | 912 | 49,267 | \$8,337 | 1,372 | 74,085 | \$12,536 | 1,456 | 78,639 | \$13,307 |
| MVW | SEA | 11,078 | 797,630 | \$127,367 | 11,376 | 819,081 | \$130,792 | 21,235 | 1,528,919 | \$244,141 | 32,762 | 2,358,857 | \$376,667 | 34,776 | 2,503,842 | \$399,818 |
| MVW | TUK | 0 | 0 | \$0 | 0 | 0 | \$0 | 5,778 | 502,659 | \$84,672 | 11,292 | 982,411 | \$165,485 | 11,986 | 1,042,794 | \$175,657 |
| MVW | TAC | 0 | 0 | \$0 | 830 | 92,960 | \$14,550 | 8,317 | 931,472 | \$145,792 | 13,812 | 1,546,928 | \$242,122 | 14,711 | 1,647,591 | \$257,877 |
| MVW | OLW | 0 | 0 | \$0 | 132 | 19,029 | \$2,803 | 1,469 | 211,540 | \$31,158 | 3,286 | 473,118 | \$69,686 | 3,647 | 525,117 | \$77,345 |
| MVW | CTL | 0 | 0 | \$0 | 168 | 27,807 | \$3,977 | 1,429 | 237,136 | \$33,913 | 3,090 | 512,940 | \$73,357 | 3,359 | 557,596 | \$79,743 |
| MVW | KEL | 0 | 0 | \$0 | 63 | 13,262 | \$1,820 | 538 | 112,411 | \$15,428 | 1,284 | 268,309 | \$36,825 | 1,397 | 291,871 | \$40,059 |
| MVW | VAN | 0 | 0 | \$0 | 112 | 27,795 | \$3,718 | 721 | 178,840 | \$23,920 | 1,746 | 432,949 | \$57,907 | 1,925 | 477,312 | \$63,841 |
| MVW | PDX | 0 | 0 | \$0 | 382 | 98,486 | \$13,101 | 2,555 | 659,068 | \$87,671 | 5,996 | 1,547,060 | \$205,795 | 6,344 | 1,636,860 | \$217,740 |
| MVW | SLM | 0 | 0 | \$0 | 82 | 25,502 | \$3,314 | 170 | 52,950 | \$6,881 | 925 | 287,737 | \$37,392 | 913 | 283,956 | \$36,901 |
| MVW | ALY | 0 | 0 | \$0 | 48 | 16,272 | \$2,094 | 99 | 33,640 | \$4,330 | 549 | 186,199 | \$23,967 | 546 | 185,140 | \$23,831 |
| MVW | EUG | 0 | 0 | \$0 | 96 | 36,672 | \$4,664 | 203 | 77,679 | \$9,879 | 1,127 | 430,521 | \$54,751 | 1,130 | 431,785 | \$54,911 |

| | | FY 2002 | Actual (Unlin | ked Trips) | FY 02 Es | stimated (Lin | ked Trips) | FY | 08 Build Esti | mate | F۲ | 23 Build Estir | nate | FY 23 | B Rev A Build Es | stimate |
|--------|---------|---------|---------------|-----------------------|----------|---------------|-----------------------------|-----------------|---------------|-----------------------|-----------------|----------------|--------------------------|------------|----------------------|--------------------------|
| Statio | n Pairs | Riders | Pas Mi | Revenue | Riders | Pas Mi | Revenue | Riders | Pas Mi | Revenue | Riders | Pas Mi | Revenue | Riders | Pas Mi | Revenue |
| EVR | EDM | 188 | 2,814 | \$842 | 193 | 2,890 | \$865 | 368 | 5,521 | \$1,652 | 518 | 7,768 | \$2,324 | 550 | 8,245 | \$2,467 |
| EVR | SEA | 4,367 | 144,095 | \$33,326 | 4,484 | 147,970 | \$34,223 | 8,043 | 265,415 | \$61,386 | 11,626 | 383,653 | \$88,732 | 12,340 | 407,234 | \$94,186 |
| EVR | TUK | 0 | 0 | \$0 | 0 | 0 | \$0 | 2,446 | 117,405 | \$24,875 | 3,983 | 191,182 | \$40,507 | 4,228 | 202,932 | \$42,996 |
| EVR | TAC | 0 | 0 | \$0 | 325 | 23,725 | \$4,240 | 4,884 | 356,549 | \$63,715 | 7,008 | 511,557 | \$91,415 | 8,051 | 587,710 | \$105,023 |
| EVR | OLW | 0 | 0 | \$0 | 241 | 25,345 | \$4,037 | 4,377 | 459,587 | \$73,206 | 8,502 | 892,742 | \$142,201 | 10,423 | 1,094,419 | \$174,325 |
| EVR | CTL | 0 | 0 | \$0 | 157 | 19,972 | \$3,028 | 1,535 | 194,888 | \$29,548 | 2,950 | 374,656 | \$56,803 | 3,417 | 433,985 | \$65,798 |
| EVR | KEL | 0 | 0 | \$0 | 163 | 27,686 | \$3,941 | 1,616 | 274,740 | \$39,110 | 3,483 | 592,066 | \$84,282 | 4,040 | 686,816 | \$97,770 |
| EVR | VAN | 0 | 0 | \$0 | 428 | 89,361 | \$12,265 | 3,087 | 645,173 | \$88,549 | 6,623 | 1,384,210 | \$189,981 | 7,486 | 1,564,664 | \$214,748 |
| EVR | PDX | 0 | 0 | \$0 | 1,281 | 280,587 | \$38,225 | 8,839 | 1,935,677 | \$263,703 | 18,819 | 4,121,310 | \$561,458 | 20,775 | 4,549,802 | \$619,833 |
| EVR | SLM | 0 | 0 | \$0 | 287 | 78,064 | \$10,312 | 581 | 158,100 | \$20,884 | 3,230 | 878,627 | \$116,063 | 3,249 | 883,671 | \$116,729 |
| EVR | ALY | 0 | 0 | \$0 | 171 | 51,300 | \$6,695 | 344 | 103,191 | \$13,466 | 1,927 | 578,136 | \$75,447 | 1,949 | 584,571 | \$76,286 |
| EVR | EUG | 0 | 0 | \$0 | 344 | 117,992 | \$15,169 | 702 | 240,798 | \$30,956 | 3,892 | 1,335,089 | \$171,635 | 3,959 | 1,358,097 | \$174,593 |
| EDM | SEA | 2,724 | 49,029 | \$17,302 | 2,799 | 50,382 | \$17,780 | 4,144 | 74,591 | \$26,323 | 4,960 | 89,272 | \$31,503 | 6,130 | 110,337 | \$38,937 |
| EDM | TUK | 0 | 0 | \$0 | 0 | 0 | \$0 | 1,171 | 38,645 | \$9,890 | 1,548 | 51,091 | \$13,075 | 1,914 | 63,146 | \$16,160 |
| EDM | TAC | 0 | 0 | \$0 | 0 | 0 | \$0 | 2,520 | 146,136 | \$28,522 | 4,809 | 278,904 | \$54,434 | 4,718 | 273,660 | \$53,411 |
| EDM | OLW | 0 | 0 | \$0 | 0 | 0 | \$0 | 556 | 50,023 | \$8,337 | 1,709 | 153,841 | \$25,640 | 1,718 | 154,622 | \$25,770 |
| EDM | CTL | 0 | 0 | \$0 | 0 | 0 | \$0 | 425 | 47,566 | \$7,445 | 1,418 | 158,795 | \$24,854 | 1,402 | 156,968 | \$24,568 |
| EDM | KEL | 0 | 0 | \$0 | 0 | 0 | \$0 | 627 | 97,123 | \$14,083 | 2,341 | 362,859 | \$52,615 | 2,314 | 358,685 | \$52,009 |
| EDM | VAN | 0 | 0 | \$0 | 0 | 0 | \$0 | 2,891 | 560,888 | \$77,946 | 15,670 | 3,039,963 | \$422,461 | 15,723 | 3,050,239 | \$423,889 |
| EDM | PDX | 0 | 0 | \$0 | 0 | 0 | \$0 | 12,988 | 2,649,630 | \$365,103 | 44,993 | 9,178,475 | \$1,264,740 | 45,145 | 9,209,502 | \$1,269,015 |
| EDM | SLM | 0 | 0 | \$0 | 0 | 0 | \$0 | 745 | 191,488 | \$25,486 | 9,805 | 2,520,005 | \$335,396 | 9,577 | 2,461,391 | \$327,595 |
| EDM | ALY | 0 | 0 | \$0 | 0 | 0 | \$0 | 445 | 126,771 | \$16,647 | 5,868 | 1,672,461 | \$219,620 | 5,732 | 1,633,560 | \$214,512 |
| EDM | EUG | 0 | 0 | \$0 | 0 | 0 | \$0 | 913 | 299,616 | \$38,703 | 11,837 | 3,882,515 | \$501,531 | 11,562 | 3,792,210 | \$489,866 |
| SEA | TUK | 59 | 889 | \$394 | 61 | 914 | \$405 | 166 | 2,490 | \$1,104 | 202 | 3,034 | \$1,345 | 250 | 3,750 | \$1,662 |
| SEA | TAC | 8,398 | 335,903 | \$80,665 | 8,601 | 344,043 | \$82,620 | 14,593 | 583,716 | \$140,176 | 23,784 | 951,376 | \$228,468 | 23,337 | 933,489 | \$224,172 |
| SEA | OLW | 11,738 | 845,170 | \$147,427 | 10,589 | 762,441 | \$132,996 | 33,824 | 2,435,351 | \$424,810 | 63,831 | 4,595,808 | \$801,669 | 64,155 | 4,619,156 | \$805,742 |
| SEA | CTL | 6,292 | 591,451 | \$104,499 | 6,251 | 587,592 | \$103,817 | 17,114 | 1,608,704 | \$284,229 | 34,427 | 3,236,097 | \$571,760 | 34,031 | 3,198,873 | \$565,183 |
| SEA | KEL | 12,205 | 1,672,114 | \$251,413 | 12,126 | 1,661,203 | \$249,772 | 32,869 | 4,503,114 | \$677,070 | 65,505 | 8,974,160 | \$1,349,319 | 64,751 | 8,870,932 | \$1,333,798 |
| SEA | VAN | 35,887 | 6,316,197 | \$921,678 | 35,465 | 6,241,776 | \$910,818 | 80,155 | 14,107,366 | \$2,058,587 | 153,135 | 26,951,720 | \$3,932,872 | 153,652 | 27,042,827 | \$3,946,167 |
| SEA | PDX | 202,595 | 37,682,694 | \$5,602,405 | 200,208 | 37,238,698 | \$5,536,394 | 446,661 | 83,079,019 | \$12,351,619 | 861,276 | 160,197,249 | \$23,817,029 | 864,187 | 160,738,779 | \$23,897,540 |
| SEA | | 13,395 | 3,201,442 | \$418,888 | 13,727 | 3,280,664 | \$429,254 | 14,692 | 3,511,479 | \$459,454 | 37,050 | 8,999,787 | \$1,177,564 | 36,780 | 8,790,458 | \$1,150,175 |
| SEA | | 8,295 | 2,214,651 | \$286,979 | 8,500 | 2,269,455 | \$294,080 | 9,207 | 2,458,264 | \$318,546 | 24,280 | 6,482,857 | \$840,060 \$2,022,027 | 23,716 | 6,332,069 | \$820,521 \$2,024,527 |
| SEA | EUG | 10,117 | 5,616,395 | Φ 5 04 | 10,000 | 5,755,377 | \$713,007 | 20,031 | 6,209,669 | \$769,999 | 54,169 | 10,796,602 | \$2,083,027 | 52,929 | 10,407,676 | \$2,034,577 |
| TUK | | 61 | 1,535 | \$594 | 63 | 1,572 | \$608 | 128 | 3,207 | \$1,240 | 208 | 5,203 | \$2,012 | 204 | 5,106 | \$1,974 |
| TUK | | 103 | 5,889 | \$1,408 | 93 | 5,313 | \$1,270 | 362 | 20,607 | \$4,927 | 082 | 38,857 | \$9,291 | C80 | 39,054 | \$9,338 |
| TUK | | 155 | 12,267 | \$2,630 ¢5,975 | 154 | 12,187 | \$2,613 \$5,626 | 523 | 41,304 | \$8,857 \$20,229 | 1,054 | 83,228 | \$17,847 \$40,017 | 1,041 | 82,271 | \$17,641 \$40,446 |
| TUK | | 259 | 31,544 | \$5,875 \$04,705 | 257 | 31,338 | \$5,836 | 891 | 108,665 | \$20,238 | 1,801 | 219,702 | \$40,917 | 1,780 | 217,174 | \$40,446 |
| | | 1,005 | 101,790 | \$24,785 \$105,240 | 2 993 | 159,889 | \$24,493 \$102.074 | ∠,ŏöö 11.001 | 404,982 | \$71,229 \$207.027 | 5,014 21,695 | 903,910 | \$138,467 \$592,520 | 5,033 | 906,966 2 720 744 | \$138,935 \$594 500 |
| | | 3,917 | 009,720 | Φ105,210 ¢2.644 | 3,070 | 000,100 | \$103,971 \$2,724 | 11,091 | 1,090,049 | ₽∠91,931 ¢1147 | 21,000 | 3,700,200 | \$002,039 \$46 E60 | 21,709 | 3,720,741 | φ304,308 \$46,400 |
| TUK | | 123 | 21,591 | ჶპ,ზ41 ¢ე 744 | 120 | 20,219 | ູ ຈຸ ວັ, / ວິ ໄ ຊາວ ຄຸດຄ | 139 | J1,∠U5 | \$4,117 \$4,200 | 501 | 140 672 | 010,000 \$10,140 | 548 545 | 122,040 | 910,180 ¢17,700 |
| | | 114 | 20,100 | ΦS,/14 | 117 | 29,500 | \$3,006 \$5,400 | 132 | 33,220 | ₽4,280 ¢c 105 | 208 | 140,072 | φ10,148 ¢00,707 | 040 695 | 137,400 | φι/,/20 Φορ.050 |
| IUK | EUG | 129 | 38,146 | \$5,298 | 133 | 39,090 | \$5,430 | 150 | 44,168 | \$6,135 | 701 | 206,825 | \$28,727 | 685 | 202,015 | \$28,059 |

| | | FY 2002 | Actual (Unlin | ked Trips) | FY 02 Es | stimated (Lin | ked Trips) | FY | 08 Build Estir | nate | FY | 23 Build Estin | nate | FY 2 | 3 Rev A Build Es | stimate |
|--------|---------|---------|---------------|--------------|----------|---------------|--------------|-----------|----------------|--------------|-----------|----------------|--------------|-----------|------------------|--------------|
| Statio | n Pairs | Riders | Pas Mi | Revenue | Riders | Pas Mi | Revenue | Riders | Pas Mi | Revenue | Riders | Pas Mi | Revenue | Riders | Pas Mi | Revenue |
| TAC | OLW | 1,564 | 50,035 | \$7,060 | 1,562 | 49,974 | \$7,052 | 4,115 | 131,687 | \$18,581 | 6,528 | 208,905 | \$29,477 | 7,123 | 227,951 | \$32,164 |
| TAC | CTL | 1,853 | 100,080 | \$18,559 | 1,854 | 100,125 | \$18,568 | 5,077 | 274,143 | \$50,838 | 9,668 | 522,094 | \$96,819 | 10,132 | 547,153 | \$101,466 |
| TAC | KEL | 2,405 | 233,265 | \$43,481 | 2,406 | 233,369 | \$43,500 | 6,575 | 637,747 | \$118,877 | 12,462 | 1,208,793 | \$225,320 | 13,060 | 1,266,812 | \$236,135 |
| TAC | VAN | 10,797 | 1,468,356 | \$212,178 | 10,796 | 1,468,314 | \$212,172 | 24,907 | 3,387,349 | \$489,473 | 51,184 | 6,961,007 | \$1,005,867 | 53,173 | 7,231,565 | \$1,044,963 |
| TAC | PDX | 48,592 | 7,094,454 | \$1,021,733 | 48,591 | 7,094,249 | \$1,021,704 | 110,721 | 16,165,256 | \$2,328,097 | 230,198 | 33,608,839 | \$4,840,297 | 239,145 | 34,915,136 | \$5,028,428 |
| TAC | SLM | 3,377 | 672,050 | \$90,293 | 3,375 | 671,539 | \$90,224 | 3,560 | 708,459 | \$95,185 | 10,654 | 2,120,087 | \$284,843 | 10,695 | 2,128,324 | \$285,950 |
| TAC | ALY | 1,770 | 401,840 | \$51,968 | 1,769 | 401,535 | \$51,928 | 1,882 | 427,110 | \$55,236 | 5,807 | 1,318,275 | \$170,485 | 5,830 | 1,323,397 | \$171,147 |
| TAC | EUG | 3,056 | 825,106 | \$109,604 | 3,054 | 824,479 | \$109,521 | 3,215 | 868,103 | \$115,315 | 10,166 | 2,744,928 | \$364,625 | 10,206 | 2,755,593 | \$366,042 |
| OLW | CTL | 463 | 10,182 | \$3,466 | 463 | 10,182 | \$3,466 | 811 | 17,840 | \$6,074 | 1,411 | 31,031 | \$10,564 | 1,437 | 31,609 | \$10,761 |
| OLW | KEL | 936 | 60,813 | \$9,617 | 936 | 60,814 | \$9,617 | 1,635 | 106,276 | \$16,806 | 2,829 | 183,910 | \$29,084 | 2,882 | 187,333 | \$29,625 |
| OLW | VAN | 3,954 | 411,241 | \$52,620 | 3,954 | 411,222 | \$52,617 | 7,358 | 765,243 | \$97,915 | 14,663 | 1,524,939 | \$195,121 | 14,815 | 1,540,772 | \$197,147 |
| OLW | PDX | 15,898 | 1,812,323 | \$289,183 | 15,897 | 1,812,241 | \$289,170 | 29,303 | 3,340,589 | \$533,041 | 59,168 | 6,745,168 | \$1,076,293 | 59,782 | 6,815,202 | \$1,087,468 |
| OLW | SLM | 1,239 | 206,994 | \$27,624 | 1,239 | 206,871 | \$27,607 | 1,110 | 185,418 | \$24,744 | 3,757 | 627,342 | \$83,720 | 3,721 | 621,325 | \$82,917 |
| OLW | ALY | 817 | 159,297 | \$21,299 | 816 | 159,202 | \$21,286 | 738 | 143,999 | \$19,253 | 2,583 | 503,603 | \$67,334 | 2,558 | 498,773 | \$66,689 |
| OLW | EUG | 1,638 | 389,830 | \$48,718 | 1,637 | 389,598 | \$48,689 | 1,466 | 348,913 | \$43,605 | 5,269 | 1,254,126 | \$156,731 | 5,219 | 1,242,097 | \$155,228 |
| CTL | KEL | 295 | 12,664 | \$3,090 | 294 | 12,663 | \$3,090 | 506 | 21,739 | \$5,304 | 770 | 33,102 | \$8,076 | 829 | 35,663 | \$8,701 |
| CTL | VAN | 532 | 43,636 | \$8,272 | 532 | 43,626 | \$8,270 | 981 | 80,427 | \$15,246 | 1,743 | 142,946 | \$27,098 | 1,800 | 147,606 | \$27,981 |
| CTL | PDX | 4,027 | 370,453 | \$64,704 | 4,026 | 370,374 | \$64,690 | 7,362 | 677,312 | \$118,301 | 13,255 | 1,219,477 | \$212,996 | 13,687 | 1,259,238 | \$219,941 |
| CTL | SLM | 423 | 61,343 | \$8,739 | 423 | 61,310 | \$8,734 | 344 | 49,825 | \$7,098 | 1,272 | 184,462 | \$26,279 | 1,280 | 185,670 | \$26,451 |
| CTL | ALY | 271 | 46,842 | \$6,254 | 271 | 46,817 | \$6,250 | 222 | 38,377 | \$5,123 | 851 | 147,199 | \$19,652 | 856 | 148,163 | \$19,781 |
| CTL | EUG | 519 | 112,199 | \$14,245 | 519 | 112,140 | \$14,237 | 421 | 91,004 | \$11,554 | 1,669 | 360,423 | \$45,760 | 1,680 | 362,783 | \$46,060 |
| KEL | VAN | 408 | 15,915 | \$4,610 | 408 | 15,912 | \$4,609 | 735 | 28,654 | \$8,299 | 1,306 | 50,953 | \$14,757 | 1,349 | 52,615 | \$15,239 |
| KEL | PDX | 2,785 | 136,480 | \$33,922 | 2,785 | 136,451 | \$33,915 | 4,964 | 243,235 | \$60,456 | 8,940 | 438,072 | \$108,882 | 9,232 | 452,355 | \$112,432 |
| KEL | SLM | 370 | 37,778 | \$5,511 | 370 | 37,758 | \$5,509 | 296 | 30,148 | \$4,398 | 1,120 | 114,196 | \$16,660 | 1,127 | 114,944 | \$16,769 |
| KEL | ALY | 236 | 30,653 | \$4,841 | 236 | 30,637 | \$4,839 | 190 | 24,681 | \$3,898 | 747 | 97,151 | \$15,344 | 752 | 97,788 | \$15,444 |
| KEL | EUG | 653 | 112,961 | \$15,162 | 653 | 112,901 | \$15,154 | 522 | 90,235 | \$12,112 | 2,134 | 369,181 | \$49,553 | 2,148 | 371,598 | \$49,877 |
| VAN | PDX | 1,452 | 14,517 | \$9,278 | 1,452 | 14,517 | \$9,278 | 2,243 | 22,426 | \$14,333 | 3,408 | 34,083 | \$21,782 | 3,519 | 35,193 | \$22,492 |
| VAN | SLM | 336 | 21,188 | \$4,090 | 334 | 21,030 | \$4,059 | 344 | 21,654 | \$4,180 | 873 | 54,968 | \$10,610 | 861 | 54,248 | \$10,471 |
| VAN | ALY | 311 | 28,345 | \$4,892 | 309 | 28,134 | \$4,855 | 321 | 29,233 | \$5,045 | 850 | 77,392 | \$13,355 | 839 | 76,378 | \$13,180 |
| VAN | EUG | 802 | 107,535 | \$16,122 | 796 | 106,731 | \$16,001 | 823 | 110,273 | \$16,532 | 2,273 | 304,638 | \$45,671 | 2,244 | 300,646 | \$45,073 |
| PDX | SLM | 17,840 | 945,497 | \$130,957 | 17,706 | 938,426 | \$129,978 | 18,457 | 978,202 | \$135,487 | 45,349 | 2,403,518 | \$332,901 | 44,755 | 2,372,025 | \$328,539 |
| PDX | ALY | 10,271 | 831,911 | \$107,513 | 10,194 | 825,689 | \$106,709 | 10,713 | 867,761 | \$112,146 | 27,374 | 2,217,280 | \$286,553 | 27,015 | 2,188,227 | \$282,798 |
| PDX | EUG | 38,325 | 4,752,250 | \$634,501 | 38,038 | 4,716,711 | \$629,756 | 40,036 | 4,964,492 | \$662,839 | 104,753 | 12,989,344 | \$1,734,285 | 103,380 | 12,819,145 | \$1,711,561 |
| SLM | ALY | 993 | 27,813 | \$4,877 | 989 | 27,699 | \$4,857 | 1,042 | 29,173 | \$5,115 | 1,687 | 47,224 | \$8,280 | 1,668 | 46,690 | \$8,187 |
| SLM | EUG | 3,589 | 254,795 | \$31,869 | 3,566 | 253,192 | \$31,668 | 3,692 | 262,165 | \$32,791 | 8,661 | 614,924 | \$76,912 | 8,599 | 610,554 | \$76,366 |
| ALY | EUG | 594 | 25,530 | \$5,367 | 589 | 25,335 | \$5,326 | 608 | 26,128 | \$5,493 | 1,098 | 47,219 | \$9,927 | 1,086 | 46,704 | \$9,819 |
| Total | | 659,064 | 99,481,090 | \$14,899,935 | 661,904 | 100,537,952 | \$15,030,881 | 1,488,150 | 225,459,949 | \$34,280,123 | 3,191,468 | 493,929,930 | \$74,568,346 | 3,397,787 | 520,804,411 | \$79,063,634 |

| | | FY 23 Rev | A-Scott Rd Bu | ild Estimate | FY 08- | Fare Increase | Estimate | FY 23 | Rev A Fare Incr | Estimate |
|---------|---------|-----------|---------------|--------------|---------|---------------|-------------|---------|-----------------|--------------|
| Station | n Pairs | Riders | Pas Mi | Revenue | Riders | Pas Mi | Revenue | Riders | Pas Mi | Revenue |
| VAC | BEL | 90,255 | 5,234,780 | \$1,164,607 | 11,734 | 680,567 | \$186,350 | 47,467 | 2,753,062 | \$895,173 |
| VAC | MVW | 45,765 | 3,844,276 | \$732,608 | 9,099 | 764,292 | \$179,264 | 30,355 | 2,549,828 | \$710,196 |
| VAC | EVR | 95,401 | 11,734,267 | \$1,984,539 | 18,967 | 2,332,924 | \$485,602 | 63,277 | 7,783,095 | \$1,923,828 |
| VAC | EDM | 96,612 | 13,332,408 | \$2,288,074 | 29,533 | 4,075,608 | \$860,856 | 77,291 | 10,666,161 | \$2,675,345 |
| VAC | SEA | 546,508 | 85,255,234 | \$14,455,216 | 167,349 | 26,106,416 | \$5,447,879 | 437,216 | 68,205,686 | \$16,901,855 |
| VAC | TUK | 66,417 | 11,357,255 | \$1,614,922 | 12,067 | 2,063,442 | \$361,116 | 53,135 | 9,086,003 | \$1,888,258 |
| VAC | TAC | 4,230 | 829,133 | \$115,021 | 792 | 155,262 | \$26,509 | 2,744 | 537,824 | \$109,045 |
| VAC | OLW | 967 | 220,404 | \$29,842 | 184 | 41,923 | \$6,986 | 624 | 142,253 | \$28,150 |
| VAC | CTL | 396 | 99,012 | \$13,228 | 100 | 24,939 | \$4,101 | 286 | 71,419 | \$13,945 |
| VAC | KEL | 181 | 53,016 | \$6,938 | 43 | 12,477 | \$2,010 | 132 | 38,660 | \$7,395 |
| VAC | VAN | 799 | 265,340 | \$34,230 | 169 | 56,087 | \$8,905 | 499 | 165,762 | \$31,254 |
| VAC | PDX | 4,160 | 1,422,556 | \$182,936 | 1,031 | 352,531 | \$55,796 | 2,927 | 1,001,089 | \$188,153 |
| VAC | SLM | 145 | 57,413 | \$7,278 | 66 | 26,084 | \$4,070 | 142 | 56,169 | \$10,407 |
| VAC | ALY | 90 | 38,277 | \$4,823 | 38 | 16,037 | \$2,487 | 89 | 37,455 | \$6,897 |
| VAC | EUG | 145 | 67,715 | \$8,463 | 75 | 35,048 | \$5,391 | 142 | 66,265 | \$12,104 |
| BEL | MVW | 1,992 | 51,792 | \$16,085 | 721 | 18,738 | \$7,162 | 1,571 | 40,844 | \$18,540 |
| BEL | EVR | 5,975 | 388,398 | \$75,210 | 2,145 | 139,431 | \$33,230 | 4,712 | 306,298 | \$86,687 |
| BEL | EDM | 18,777 | 1,502,173 | \$264,331 | 7,758 | 620,616 | \$134,409 | 15,635 | 1,250,798 | \$321,681 |
| BEL | SEA | 136,754 | 13,401,896 | \$2,234,294 | 55,406 | 5,429,758 | \$1,114,118 | 113,870 | 11,159,212 | \$2,719,054 |
| BEL | TUK | 43,236 | 4,885,691 | \$762,903 | 11,443 | 1,293,074 | \$248,510 | 36,001 | 4,068,116 | \$928,425 |
| BEL | TAC | 15,107 | 2,084,811 | \$310,002 | 4,971 | 685,939 | \$125,534 | 11,628 | 1,604,637 | \$348,727 |
| BEL | OLW | 6,321 | 1,074,621 | \$152,975 | 1,989 | 338,211 | \$59,256 | 4,888 | 830,876 | \$172,867 |
| BEL | CTL | 1,940 | 372,525 | \$51,863 | 679 | 130,393 | \$22,342 | 1,510 | 289,971 | \$59,001 |
| BEL | KEL | 1,923 | 451,962 | \$60,919 | 589 | 138,497 | \$22,975 | 1,475 | 346,620 | \$68,283 |
| BEL | VAN | 1,284 | 351,752 | \$46,421 | 414 | 113,453 | \$18,428 | 986 | 270,039 | \$52,085 |
| BEL | PDX | 10,855 | 3,082,858 | \$405,005 | 3,640 | 1,033,812 | \$167,157 | 8,676 | 2,463,862 | \$473,079 |
| BEL | SLM | 1,444 | 486,510 | \$62,662 | 225 | 75,663 | \$11,994 | 1,111 | 374,518 | \$70,501 |
| BEL | ALY | 869 | 317,004 | \$40,494 | 129 | 46,930 | \$7,378 | 651 | 237,484 | \$44,338 |
| BEL | EUG | 1,800 | 734,343 | \$92,819 | 269 | 109,706 | \$17,067 | 1,404 | 572,800 | \$105,816 |
| MVW | EVR | 777 | 30,322 | \$7,399 | 416 | 16,228 | \$4,874 | 620 | 24,189 | \$8,627 |
| MVW | EDM | 1,456 | 78,639 | \$13,307 | 821 | 44,349 | \$9,236 | 1,248 | 67,415 | \$16,673 |
| MVW | SEA | 34,776 | 2,503,842 | \$399,818 | 19,115 | 1,376,283 | \$270,483 | 29,812 | 2,146,486 | \$500,949 |
| MVW | TUK | 11,986 | 1,042,794 | \$175,657 | 5,201 | 452,478 | \$93,808 | 10,275 | 893,963 | \$220,088 |
| MVW | TAC | 14,711 | 1,647,591 | \$257,877 | 7,092 | 794,250 | \$153,002 | 11,616 | 1,300,945 | \$297,600 |
| MVW | OLW | 3,647 | 525,117 | \$77,345 | 1,254 | 180,628 | \$32,745 | 2,867 | 412,904 | \$88,887 |
| MVW | CTL | 3,359 | 557,596 | \$79,743 | 1,213 | 201,279 | \$35,428 | 2,609 | 433,071 | \$90,520 |
| MVW | KEL | 1,397 | 291,871 | \$40,059 | 449 | 93,873 | \$15,857 | 1,065 | 222,553 | \$44,643 |
| MVW | VAN | 1,925 | 477,312 | \$63,841 | 638 | 158,230 | \$26,047 | 1,567 | 388,680 | \$75,979 |
| MVW | PDX | 6,344 | 1,636,860 | \$217,740 | 2,212 | 570,798 | \$93,452 | 5,086 | 1,312,212 | \$255,118 |
| MVW | SLM | 913 | 283,956 | \$36,901 | 143 | 44,350 | \$7,093 | 704 | 218,948 | \$41,585 |
| MVW | ALY | 546 | 185,140 | \$23,831 | 82 | 27,695 | \$4,387 | 410 | 138,953 | \$26,140 |
| MVW | EUG | 1,130 | 431,785 | \$54,911 | 171 | 65,303 | \$10,221 | 883 | 337,156 | \$62,666 |

| | FY 23 Rev A-Scott Rd Build | | | Id Estimate | FY 08- Fare Increase Estimate | | | FY 23 Rev A Fare Incr. Estimate | | |
|--------|----------------------------|---------|-------------|--------------|-------------------------------|------------|--------------|---------------------------------|-------------|--------------|
| Statio | n Pairs | Riders | Pas Mi | Revenue | Riders | Pas Mi | Revenue | Riders | Pas Mi | Revenue |
| EVR | EDM | 550 | 8,245 | \$2,467 | 331 | 4,970 | \$1,830 | 471 | 7,068 | \$3,091 |
| EVR | SEA | 12,340 | 407,234 | \$94,186 | 7,240 | 238,918 | \$68,009 | 10,579 | 349,113 | \$118,009 |
| EVR | TUK | 4,228 | 202,932 | \$42,996 | 2,202 | 105,684 | \$27,559 | 3,624 | 173,969 | \$53,872 |
| EVR | TAC | 8,051 | 587,710 | \$105,023 | 4,148 | 302,817 | \$66,600 | 6,222 | 454,175 | \$118,619 |
| EVR | OLW | 10,423 | 1,094,419 | \$174,325 | 3,625 | 380,597 | \$74,614 | 7,647 | 802,984 | \$186,937 |
| EVR | CTL | 3,417 | 433,985 | \$65,798 | 1,307 | 165,930 | \$30,963 | 2,613 | 331,799 | \$73,523 |
| EVR | KEL | 4,040 | 686,816 | \$97,770 | 1,349 | 229,279 | \$40,170 | 3,007 | 511,181 | \$106,353 |
| EVR | VAN | 7,486 | 1,564,664 | \$214,748 | 2,652 | 554,350 | \$93,642 | 5,699 | 1,191,162 | \$238,941 |
| EVR | PDX | 20,775 | 4,549,802 | \$619,833 | 7,670 | 1,679,819 | \$281,657 | 16,401 | 3,591,835 | \$715,169 |
| EVR | SLM | 3,249 | 883,671 | \$116,729 | 488 | 132,727 | \$21,579 | 2,462 | 669,558 | \$129,267 |
| EVR | ALY | 1,949 | 584,571 | \$76,286 | 284 | 85,210 | \$13,686 | 1,435 | 430,391 | \$82,089 |
| EVR | EUG | 3,959 | 1,358,097 | \$174,593 | 592 | 203,053 | \$32,128 | 3,042 | 1,043,248 | \$196,017 |
| EDM | SEA | 6,130 | 110,337 | \$38,937 | 3,885 | 69,922 | \$30,369 | 5,548 | 99,869 | \$51,509 |
| EDM | TUK | 1,914 | 63,146 | \$16,160 | 1,098 | 36,226 | \$11,410 | 1,732 | 57,156 | \$21,378 |
| EDM | TAC | 4,718 | 273,660 | \$53,411 | 2,272 | 131,799 | \$31,660 | 4,051 | 234,937 | \$67,016 |
| EDM | OLW | 1,718 | 154,622 | \$25,770 | 491 | 44,205 | \$9,068 | 1,441 | 129,686 | \$31,590 |
| EDM | CTL | 1,402 | 156,968 | \$24,568 | 370 | 41,409 | \$7,977 | 1,149 | 128,680 | \$29,437 |
| EDM | KEL | 2,314 | 358,685 | \$52,009 | 545 | 84,551 | \$15,089 | 1,897 | 294,045 | \$62,315 |
| EDM | VAN | 15,723 | 3,050,239 | \$423,889 | 2,624 | 508,973 | \$87,054 | 13,720 | 2,661,592 | \$540,592 |
| EDM | PDX | 45,145 | 9,209,502 | \$1,269,015 | 11,786 | 2,404,383 | \$407,766 | 39,393 | 8,036,070 | \$1,618,395 |
| EDM | SLM | 9,577 | 2,461,391 | \$327,595 | 661 | 169,766 | \$27,809 | 8,020 | 2,061,115 | \$400,930 |
| EDM | ALY | 5,732 | 1,633,560 | \$214,512 | 394 | 112,391 | \$18,165 | 4,800 | 1,367,908 | \$262,533 |
| EDM | EUG | 11,562 | 3,792,210 | \$489,866 | 810 | 265,629 | \$42,231 | 9,681 | 3,175,514 | \$599,527 |
| SEA | TUK | 250 | 3,750 | \$1,662 | 156 | 2,334 | \$1,274 | 226 | 3,394 | \$2,199 |
| SEA | TAC | 23,337 | 933,489 | \$224,172 | 13,161 | 526,452 | \$155,600 | 20,035 | 801,399 | \$281,275 |
| SEA | OLW | 64,155 | 4,619,156 | \$805,742 | 29,890 | 2,152,110 | \$462,035 | 53,809 | 3,874,215 | \$987,705 |
| SEA | CTL | 34,031 | 3,198,873 | \$565,183 | 14,898 | 1,400,458 | \$304,536 | 27,898 | 2,622,392 | \$677,174 |
| SEA | KEL | 64,751 | 8,870,932 | \$1,333,798 | 28,615 | 3,920,189 | \$725,445 | 53,082 | 7,272,268 | \$1,598,089 |
| SEA | VAN | 153,652 | 27,042,827 | \$3,946,167 | 72,736 | 12,801,602 | \$2,299,134 | 134,075 | 23,597,157 | \$5,032,610 |
| SEA | PDX | 864,187 | 160,738,779 | \$23,897,540 | 405,319 | 75,389,309 | \$13,794,912 | 754,076 | 140,258,195 | \$30,476,916 |
| SEA | SLM | 36,780 | 8,790,458 | \$1,150,175 | 13,026 | 3,113,153 | \$501,337 | 30,799 | 7,360,937 | \$1,407,653 |
| SEA | ALY | 23,716 | 6,332,069 | \$820,521 | 8,163 | 2,179,410 | \$347,584 | 19,859 | 5,302,336 | \$1,004,203 |
| SEA | EUG | 52,929 | 16,407,876 | \$2,034,577 | 17,759 | 5,505,272 | \$840,190 | 44,321 | 13,739,597 | \$2,490,039 |
| TUK | TAC | 204 | 5,106 | \$1,974 | 116 | 2,893 | \$1,376 | 175 | 4,383 | \$2,477 |
| TUK | OLW | 685 | 39,054 | \$9,338 | 319 | 18,211 | \$5,359 | 575 | 32,756 | \$11,447 |
| TUK | CTL | 1,041 | 82,271 | \$17,641 | 455 | 35,957 | \$9,490 | 854 | 67,444 | \$21,137 |
| TUK | KEL | 1,780 | 217,174 | \$40,446 | 775 | 94,599 | \$21,684 | 1,459 | 178,037 | \$48,461 |
| TUK | VAN | 5,633 | 906,966 | \$138,935 | 2,621 | 421,943 | \$79,552 | 4,916 | 791,404 | \$177,186 |
| TUK | PDX | 21,759 | 3,720,741 | \$584,508 | 10,064 | 1,721,006 | \$332,751 | 18,986 | 3,246,662 | \$745,432 |
| TUK | SLM | 548 | 122,646 | \$16,180 | 124 | 27,665 | \$4,492 | 458 | 102,701 | \$19,803 |
| TUK | ALY | 545 | 137,400 | \$17,726 | 117 | 29,457 | \$4,677 | 457 | 115,056 | \$21,694 |
| TUK | EUG | 685 | 202,015 | \$28,059 | 133 | 39,157 | \$6,694 | 573 | 169,163 | \$34,341 |

| | | FY 23 Rev A-Scott Rd Build Estimate | | | FY 08- Fare Increase Estimate | | | FY 23 Rev A Fare Incr. Estimate | | |
|---------|---------|-------------------------------------|-------------|--------------|-------------------------------|-------------|--------------|---------------------------------|-------------|--------------|
| Station | n Pairs | Riders | Pas Mi | Revenue | Riders | Pas Mi | Revenue | Riders | Pas Mi | Revenue |
| TAC | OLW | 7,123 | 227,951 | \$32,164 | 3,874 | 123,963 | \$21,528 | 6,507 | 208,220 | \$42,941 |
| TAC | CTL | 10,132 | 547,153 | \$101,466 | 4,308 | 232,654 | \$53,101 | 7,823 | 422,439 | \$114,495 |
| TAC | KEL | 13,060 | 1,266,812 | \$236,135 | 5,580 | 541,230 | \$124,167 | 10,083 | 978,065 | \$266,457 |
| TAC | VAN | 53,173 | 7,231,565 | \$1,044,963 | 21,978 | 2,989,003 | \$531,584 | 44,049 | 5,990,636 | \$1,265,178 |
| TAC | PDX | 239,145 | 34,915,136 | \$5,028,428 | 97,700 | 14,264,254 | \$2,528,391 | 198,108 | 28,923,736 | \$6,088,119 |
| TAC | SLM | 10,695 | 2,128,324 | \$285,950 | 3,006 | 598,146 | \$98,909 | 8,226 | 1,636,934 | \$321,435 |
| TAC | ALY | 5,830 | 1,323,397 | \$171,147 | 1,589 | 360,606 | \$57,397 | 4,484 | 1,017,850 | \$192,386 |
| TAC | EUG | 10,206 | 2,755,593 | \$366,042 | 2,715 | 732,932 | \$119,828 | 7,850 | 2,119,378 | \$411,467 |
| OLW | CTL | 1,437 | 31,609 | \$10,761 | 709 | 15,607 | \$6,539 | 1,180 | 25,951 | \$12,912 |
| OLW | KEL | 2,882 | 187,333 | \$29,625 | 1,430 | 92,972 | \$18,096 | 2,366 | 153,799 | \$35,547 |
| OLW | VAN | 14,815 | 1,540,772 | \$197,147 | 6,352 | 660,622 | \$104,035 | 11,919 | 1,239,541 | \$231,805 |
| OLW | PDX | 59,782 | 6,815,202 | \$1,087,468 | 25,297 | 2,883,877 | \$566,358 | 48,095 | 5,482,783 | \$1,278,642 |
| OLW | SLM | 3,721 | 621,325 | \$82,917 | 951 | 158,736 | \$26,072 | 2,953 | 493,116 | \$96,180 |
| OLW | ALY | 2,558 | 498,773 | \$66,689 | 632 | 123,278 | \$20,287 | 2,030 | 395,852 | \$77,356 |
| OLW | EUG | 5,219 | 1,242,097 | \$155,228 | 1,255 | 298,704 | \$45,944 | 4,142 | 985,794 | \$180,058 |
| CTL | KEL | 829 | 35,663 | \$8,701 | 428 | 18,400 | \$5,525 | 646 | 27,778 | \$9,906 |
| CTL | VAN | 1,800 | 147,606 | \$27,981 | 823 | 67,509 | \$15,751 | 1,381 | 113,232 | \$31,372 |
| CTL | PDX | 13,687 | 1,259,238 | \$219,941 | 6,180 | 568,528 | \$122,216 | 10,500 | 965,992 | \$246,594 |
| CTL | SLM | 1,280 | 185,670 | \$26,451 | 289 | 41,894 | \$7,346 | 985 | 142,896 | \$29,753 |
| CTL | ALY | 856 | 148,163 | \$19,781 | 187 | 32,268 | \$5,302 | 659 | 114,030 | \$22,250 |
| CTL | EUG | 1,680 | 362,783 | \$46,060 | 354 | 76,518 | \$11,957 | 1,293 | 279,206 | \$51,809 |
| KEL | VAN | 1,349 | 52,615 | \$15,239 | 617 | 24,052 | \$8,573 | 1,035 | 40,362 | \$17,085 |
| KEL | PDX | 9,232 | 452,355 | \$112,432 | 4,167 | 204,169 | \$62,457 | 7,082 | 347,012 | \$126,057 |
| KEL | SLM | 1,127 | 114,944 | \$16,769 | 249 | 25,349 | \$4,552 | 867 | 88,464 | \$18,863 |
| KEL | ALY | 752 | 97,788 | \$15,444 | 160 | 20,753 | \$4,034 | 579 | 75,259 | \$17,372 |
| KEL | EUG | 2,148 | 371,598 | \$49,877 | 439 | 75,872 | \$12,534 | 1,653 | 285,990 | \$56,104 |
| VAN | PDX | 3,519 | 35,193 | \$22,492 | 2,075 | 20,755 | \$16,325 | 3,102 | 31,023 | \$28,978 |
| VAN | SLM | 861 | 54,248 | \$10,471 | 305 | 19,213 | \$4,564 | 717 | 45,199 | \$12,751 |
| VAN | ALY | 839 | 76,378 | \$13,180 | 285 | 25,937 | \$5,509 | 699 | 63,638 | \$16,051 |
| VAN | EUG | 2,244 | 300,646 | \$45,073 | 730 | 97,840 | \$18,053 | 1,869 | 250,501 | \$54,888 |
| PDX | SLM | 44,755 | 2,372,025 | \$328,539 | 16,376 | 867,907 | \$147,951 | 37,290 | 1,976,387 | \$400,083 |
| PDX | ALY | 27,015 | 2,188,227 | \$282,798 | 9,505 | 769,919 | \$122,463 | 22,509 | 1,823,246 | \$344,381 |
| PDX | EUG | 103,380 | 12,819,145 | \$1,711,561 | 35,522 | 4,404,734 | \$723,818 | 86,137 | 10,681,000 | \$2,084,277 |
| SLM | ALY | 1,668 | 46,690 | \$8,187 | 964 | 26,983 | \$5,823 | 1,475 | 41,301 | \$10,584 |
| SLM | EUG | 8,599 | 610,554 | \$76,366 | 3,258 | 231,350 | \$35,614 | 7,097 | 503,870 | \$92,109 |
| ALY | EUG | 1,086 | 46,704 | \$9,819 | 530 | 22,776 | \$5,893 | 877 | 37,720 | \$11,590 |
| Total | | 3,488,871 | 531,799,576 | \$80,985,262 | 1,316,517 | 199,996,699 | \$37,391,168 | 2,858,737 | 440,225,034 | \$97,645,348 |

Appendix B

| | | FY 23 Bui | Id Estimate- | Scott Road |
|---------|-------|-----------|--------------|--------------|
| Station | Pairs | Riders | Pas Mi | Revenue |
| VAC | BEL | 62,350 | 2,805,737 | \$804,532 |
| VAC | MVW | 34,021 | 2,415,479 | \$544,605 |
| VAC | EVR | 70,919 | 7,801,050 | \$1,475,262 |
| VAC | EDM | 79,078 | 9,884,767 | \$1,872,824 |
| VAC | SEA | 447,325 | 63,967,500 | \$11,831,818 |
| VAC | TUK | 60,768 | 9,601,374 | \$1,477,579 |
| VAC | TAC | 3,218 | 588,942 | \$87,505 |
| VAC | OLW | 734 | 157,785 | \$22,655 |
| VAC | CTL | 315 | 74,761 | \$10,536 |
| VAC | KEL | 146 | 40,981 | \$5,612 |
| VAC | VAN | 666 | 212,519 | \$28,533 |
| VAC | PDX | 3,503 | 1,152,473 | \$154,060 |
| VAC | SLM | 143 | 54,535 | \$7,149 |
| VAC | ALY | 88 | 36,261 | \$4,713 |
| VAC | EUG | 141 | 63,967 | \$8,224 |
| BEL | MVW | 1,691 | 43,969 | \$13,655 |
| BEL | EVR | 5,073 | 329,728 | \$63,849 |
| BEL | EDM | 16,470 | 1,317,593 | \$231,851 |
| BEL | SEA | 119,950 | 11,755,130 | \$1,959,754 |
| BEL | TUK | 37,924 | 4,285,359 | \$669,161 |
| BEL | TAC | 12,879 | 1,777,352 | \$264,285 |
| BEL | OLW | 5,304 | 901,616 | \$128,348 |
| BEL | CTL | 1,689 | 324,243 | \$45,141 |
| BEL | KEL | 1,680 | 394,819 | \$53,217 |
| BEL | VAN | 1,143 | 313,069 | \$41,316 |
| BEL | PDX | 9,872 | 2,803,768 | \$368,340 |
| BEL | SLM | 1,409 | 474,711 | \$61,142 |
| BEL | ALY | 843 | 307,848 | \$39,324 |
| BEL | EUG | 1,739 | 709,373 | \$89,663 |
| MVW | EVR | 766 | 29,871 | \$7,289 |
| MVW | EDM | 1,372 | 74,085 | \$12,536 |
| MVW | SEA | 32,762 | 2,358,857 | \$376,667 |
| MVW | TUK | 11,292 | 982,411 | \$165,485 |
| MVW | TAC | 13,812 | 1,546,928 | \$242,122 |
| MVW | OLW | 3,286 | 473,118 | \$69,686 |
| MVW | CTL | 3,090 | 512,940 | \$73,357 |
| MVW | KEL | 1,284 | 268,309 | \$36,825 |
| MVW | VAN | 1,746 | 432,949 | \$57,907 |
| MVW | PDX | 5,996 | 1,547,060 | \$205,795 |
| MVW | SLM | 925 | 287,737 | \$37,392 |
| MVW | ALY | 549 | 186,199 | \$23,967 |
| MVW | EUG | 1,127 | 430,521 | \$54,751 |

Appendix B

| | | FY 23 Bu | ild Estimate- | Scott Road | |
|---------|---------|----------|---------------|--------------|--|
| Station | n Pairs | Riders | Pas Mi | Revenue | |
| EVR | EDM | 518 | 7,768 | \$2,324 | |
| EVR | SEA | 11,626 | 383,653 | \$88,732 | |
| EVR | TUK | 3,983 | 191,182 | \$40,507 | |
| EVR | TAC | 7,008 | 511,557 | \$91,415 | |
| EVR | OLW | 8,502 | 892,742 | \$142,201 | |
| EVR | CTL | 2,950 | 374,656 | \$56,803 | |
| EVR | KEL | 3,483 | 592,066 | \$84,282 | |
| EVR | VAN | 6,623 | 1,384,210 | \$189,981 | |
| EVR | PDX | 18,819 | 4,121,310 | \$561,458 | |
| EVR | SLM | 3,230 | 878,627 | \$116,063 | |
| EVR | ALY | 1,927 | 578,136 | \$75,447 | |
| EVR | EUG | 3,892 | 1,335,089 | \$171,635 | |
| EDM | SEA | 4,960 | 89,272 | \$31,503 | |
| EDM | TUK | 1,548 | 51,091 | \$13,075 | |
| EDM | TAC | 4,809 | 278,904 | \$54,434 | |
| EDM | OLW | 1,709 | 153,841 | \$25,640 | |
| EDM | CTL | 1,418 | 158,795 | \$24,854 | |
| EDM | KEL | 2,341 | 362,859 | \$52,615 | |
| EDM | VAN | 15,670 | 3,039,963 | \$422,461 | |
| EDM | PDX | 44,993 | 9,178,475 | \$1,264,740 | |
| EDM | SLM | 9,805 | 2,520,005 | \$335,396 | |
| EDM | ALY | 5,868 | 1,672,461 | \$219,620 | |
| EDM | EUG | 11,837 | 3,882,515 | \$501,531 | |
| SEA | TUK | 202 | 3,034 | \$1,345 | |
| SEA | TAC | 23,784 | 951,376 | \$228,468 | |
| SEA | OLW | 63,831 | 4,595,808 | \$801,669 | |
| SEA | CTL | 34,427 | 3,236,097 | \$571,760 | |
| SEA | KEL | 65,505 | 8,974,160 | \$1,349,319 | |
| SEA | VAN | 153,135 | 26,951,720 | \$3,932,872 | |
| SEA | PDX | 861,276 | 160,197,249 | \$23,817,029 | |
| SEA | SLM | 37,656 | 8,999,787 | \$1,177,564 | |
| SEA | ALY | 24,280 | 6,482,857 | \$840,060 | |
| SEA | EUG | 54,189 | 16,798,602 | \$2,083,027 | |
| TUK | TAC | 208 | 5,203 | \$2,012 | |
| TUK | OLW | 682 | 38,857 | \$9,291 | |
| TUK | CTL | 1,054 | 83,228 | \$17,847 | |
| TUK | KEL | 1,801 | 219,702 | \$40,917 | |
| TUK | VAN | 5,614 | 903,910 | \$138,467 | |
| TUK | PDX | 21,685 | 3,708,206 | \$582,539 | |
| TUK | SLM | 561 | 125,567 | \$16,566 | |
| TUK | ALY | 558 | 140,672 | \$18,148 | |
| TUK | EUG | 701 | 206,825 | \$28,727 | |

Appendix B

| | | FY 23 Bu | ild Estimate- | Scott Road |
|---------|-------|-----------|---------------|-------------------|
| Station | Pairs | Riders | Pas Mi | Revenue |
| TAC | OLW | 6,528 | 208,905 | \$29,477 |
| TAC | CTL | 9,668 | 522,094 | \$96,819 |
| TAC | KEL | 12,462 | 1,208,793 | \$225,320 |
| TAC | VAN | 51,184 | 6,961,007 | \$1,005,867 |
| TAC | PDX | 230,198 | 33,608,839 | \$4,840,297 |
| TAC | SLM | 10,654 | 2,120,087 | \$284,843 |
| TAC | ALY | 5,807 | 1,318,275 | \$170,485 |
| TAC | EUG | 10,166 | 2,744,928 | \$364,625 |
| OLW | CTL | 1,411 | 31,031 | \$10,564 |
| OLW | KEL | 2,829 | 183,910 | \$29,084 |
| OLW | VAN | 14,663 | 1,524,939 | \$195,121 |
| OLW | PDX | 59,168 | 6,745,168 | \$1,076,293 |
| OLW | SLM | 3,757 | 627,342 | \$83,720 |
| OLW | ALY | 2,583 | 503,603 | \$67,334 |
| OLW | EUG | 5,269 | 1,254,126 | \$156,731 |
| CTL | KEL | 770 | 33,102 | \$8,076 |
| CTL | VAN | 1,743 | 142,946 | \$27,098 |
| CTL | PDX | 13,255 | 1,219,477 | \$212,996 |
| CTL | SLM | 1,272 | 184,462 | \$26,279 |
| CTL | ALY | 851 | 147,199 | \$19,652 |
| CTL | EUG | 1,669 | 360,423 | \$45,760 |
| KEL | VAN | 1,306 | 50,953 | \$14,757 |
| KEL | PDX | 8,940 | 438,072 | \$108,882 |
| KEL | SLM | 1,120 | 114,196 | \$16,660 |
| KEL | ALY | 747 | 97,151 | \$15,344 |
| KEL | EUG | 2,134 | 369,181 | \$49,553 |
| VAN | PDX | 3,408 | 34,083 | \$21,782 |
| VAN | SLM | 873 | 54,968 | \$10,610 |
| VAN | ALY | 850 | 77,392 | \$13,355 |
| VAN | EUG | 2,273 | 304,638 | \$45,671 |
| PDX | SLM | 45,349 | 2,403,518 | \$332,901 |
| PDX | ALY | 27,374 | 2,217,280 | \$286,553 |
| PDX | EUG | 104,753 | 12,989,344 | \$1,734,285 |
| SLM | ALY | 1,687 | 47,224 | \$8,280 |
| SLM | EUG | 8,661 | 614,924 | \$76 <u>,</u> 912 |
| ALY | EUG | 1,098 | 47,219 | \$9,927 |
| Total | | 3,244,236 | 490,500,534 | \$75,674,692 |

| | | | Actual | | | | Annual |
|---------|-----|------|---------|--------------|-------------|-----------|-------------|
| Train # | Dir | Rank | Riders | Revenue | End Markets | End Times | Train Miles |
| 751/757 | SB | 5 | 40,132 | \$909,749 | SEA-PDX | 0730-1100 | 67,890 |
| 11 | SB | 3 | 57,802 | \$1,358,427 | SEA-EUG | 0945-1700 | 113,150 |
| 761 | SB | 9 | 25,879 | \$343,432 | BEL-SEA | 1020-1245 | 35,770 |
| 753 | SB | 1 | 80,221 | \$1,950,714 | SEA-EUG | 1345-2005 | 113,150 |
| 755 | SB | 2 | 72,151 | \$1,727,119 | SEA-EUG | 1725-2235 | 113,150 |
| 763 | SB | 4 | 49,304 | \$1,170,314 | VAC-SEA | 1800-2155 | 56,940 |
| 750 | NB | 1 | 80,158 | \$1,922,223 | EUG-SEA | 0545-1215 | 113,150 |
| 760 | NB | 3 | 55,292 | \$1,296,571 | SEA-VAC | 0745-1140 | 56,940 |
| 552 | NB | 5 | 27,195 | \$375,388 | EUG-PDX | 0930-2025 | 45,260 |
| 752 | NB | 2 | 72,748 | \$1,688,038 | PDX-SEA | 1230-1600 | 67,890 |
| 14 | NB | 7 | 21,616 | \$537,758 | EUG-SEA | 1244-1740 | 113,150 |
| 762 | NB | 6 | 22,350 | \$299,466 | SEA-BEL | 1730-2000 | 35,770 |
| 754 | NB | 4 | 54,216 | \$1,320,737 | PDX-SEA | 1815-2145 | 67,890 |
| Total | | | 659,064 | \$14,899,935 | | | |

Base- Amtrak Fiscal Year 2002 Actual

| 2008 Bu | ild E | stimate | | | | | |
|---------|-------|---------|-----------|--------------|---------|-----------|-------------|
| | | | | | End | | Annual |
| Train # | Dir | Rank | Riders | Revenue | Markets | End Times | Train Miles |
| 117 | SB | 6 | 54,743 | \$1,211,391 | VAC-SEA | 1810-2135 | 56,940 |
| 115 | SB | 9 | 31,786 | \$752,193 | SEA-PDX | 1940-2240 | 67,890 |
| 111 | SB | 8 | 48,088 | \$1,102,561 | SEA-EUG | 1820-0005 | 113,150 |
| 113 | SB | 1 | 171,258 | \$3,930,440 | VAC-PDX | 1225-1905 | 124,830 |
| 109 | SB | 3 | 90,659 | \$2,071,656 | SEA-EUG | 1410-2000 | 113,150 |
| 107 | SB | 2 | 152,188 | \$3,508,349 | VAC-PDX | 0730-1410 | 124,830 |
| 11 | SB | 10 | 26,737 | \$592,394 | SEA-EUG | 0955-1646 | 113,150 |
| 105 | SB | 5 | 56,116 | \$1,365,499 | SEA-PDX | 0950-1250 | 67,890 |
| 103 | SB | 4 | 59,640 | \$1,373,734 | SEA-PDX | 0805-1105 | 67,890 |
| 101 | SB | 7 | 52,860 | \$1,231,844 | SEA-PDX | 0630-0930 | 67,890 |
| 102 | NB | 3 | 76,652 | \$1,619,938 | SEA-VAC | 0745-1110 | 56,940 |
| 104 | NB | 7 | 57,904 | \$1,311,907 | PDX-SEA | 0630-0930 | 67,890 |
| 106 | NB | 4 | 75,014 | \$1,698,471 | EUG-SEA | 0545-1140 | 113,150 |
| 108 | NB | 1 | 150,024 | \$3,549,730 | PDX-VAC | 1025-1705 | 124,830 |
| 552 | NB | 11 | 13,519 | \$181,085 | EUG-PDX | 0930-1205 | 45,260 |
| 110 | NB | 6 | 58,154 | \$1,453,207 | PDX-SEA | 1210-1510 | 67,890 |
| 112 | NB | 2 | 146,460 | \$3,404,187 | PDX-VAC | 1435-2115 | 124,830 |
| 114 | NB | 5 | 69,796 | \$1,647,832 | PDX-SEA | 1555-1855 | 67,890 |
| 14 | NB | 10 | 26,726 | \$620,029 | EUG-SEA | 1244-1956 | 113,150 |
| 116 | NB | 8 | 37,869 | \$898,574 | PDX-SEA | 1815-2115 | 67,890 |
| 118 | NB | 9 | 31,958 | \$755,103 | PDX-SEA | 1945-2245 | 67,890 |
| Total | | | 1,488,150 | \$34,280,123 | | | |

| 2023 Bu | ild E | stimate | | | | | |
|---------|-------|---------|-----------|--------------|---------|-----------|-------------|
| | | | | | End | | Annual |
| Train # | Dir | Rank | Riders | Revenue | Markets | End Times | Train Miles |
| 101 | SB | 7 | 75,482 | \$1,788,860 | SEA-PDX | 0605-0832 | 67,890 |
| 103 | SB | 5 | 90,215 | \$2,082,224 | SEA-PDX | 0805-1032 | 67,890 |
| 105 | SB | 9 | 65,311 | \$1,554,482 | SEA-PDX | 0905-1132 | 67,890 |
| 107 | SB | 12 | 59,841 | \$1,450,381 | SEA-PDX | 1005-1232 | 67,890 |
| 109 | SB | 1 | 297,424 | \$7,062,806 | VAC-EUG | 0805-1530 | 170,090 |
| 111 | SB | 11 | 64,834 | \$1,556,359 | SEA-PDX | 1205-1432 | 67,890 |
| 113 | SB | 4 | 156,727 | \$3,586,186 | SEA-EUG | 1405-1830 | 113,150 |
| 115 | SB | 3 | 215,632 | \$5,025,205 | VAC-PDX | 1205-1732 | 124,830 |
| 117 | SB | 6 | 88,810 | \$2,105,711 | SEA-PDX | 1605-1832 | 67,890 |
| 119 | SB | 8 | 75,267 | \$1,776,719 | SEA-PDX | 1705-1932 | 67,890 |
| 121 | SB | 13 | 46,074 | \$1,082,772 | SEA-PDX | 1805-2032 | 67,890 |
| 123 | SB | 2 | 250,766 | \$5,732,692 | VAC-EUG | 1605-2320 | 170,090 |
| 125 | SB | 14 | 44,171 | \$1,046,396 | SEA-PDX | 2000-2227 | 67,890 |
| 127 | SB | 10 | 65,181 | \$1,433,380 | VAC-SEA | 2005-2250 | 56,940 |
| 102 | NB | 5 | 114,736 | \$2,443,503 | SEA-VAC | 0640-0925 | 56,940 |
| 104 | NB | 11 | 57,954 | \$1,347,532 | PDX-SEA | 0600-0827 | 67,890 |
| 106 | NB | 8 | 72,748 | \$1,676,299 | PDX-SEA | 0700-0927 | 67,890 |
| 108 | NB | 3 | 213,484 | \$4,946,053 | PDX-VAC | 0800-1335 | 124,830 |
| 110 | NB | 4 | 130,167 | \$2,907,188 | EUG-SEA | 0705-1127 | 113,150 |
| 112 | NB | 10 | 69,652 | \$1,690,618 | PDX-SEA | 1000-1227 | 67,890 |
| 114 | NB | 1 | 302,565 | \$7,250,123 | EUG-VAC | 1005-1735 | 170,090 |
| 116 | NB | 9 | 69,803 | \$1,659,046 | PDX-SEA | 1400-1627 | 67,890 |
| 118 | NB | 2 | 269,735 | \$6,343,101 | EUG-VAC | 1305-2035 | 170,090 |
| 120 | NB | 6 | 88,500 | \$2,102,525 | PDX-SEA | 1600-1827 | 67,890 |
| 122 | NB | 7 | 78,089 | \$1,866,970 | PDX-SEA | 1700-1927 | 67,890 |
| 124 | NB | 12 | 47,507 | \$1,129,514 | PDX-SEA | 1800-2027 | 67,890 |
| 126 | NB | 14 | 36,021 | \$858,696 | PDX-SEA | 1900-2127 | 67,890 |
| 128 | NB | 13 | 44,772 | \$1,063,005 | PDX-SEA | 2000-2227 | 67,890 |
| Total | | | 3,191,468 | \$74,568,346 | | | |

| | | | | | End | | Annual |
|---------|------|------|-----------|--------------|---------|-----------|-------------|
| Train # | Dire | Rank | Riders | Revenue | Markets | End Times | Train Miles |
| 101 | SB | 12 | 61,341 | \$1,439,543 | SEA-PDX | 0606-0836 | 67,890 |
| 103 | SB | 7 | 70,836 | \$1,618,035 | SEA-PDX | 0707-0837 | 67,890 |
| 105 | SB | 8 | 70,366 | \$1,607,806 | SEA-PDX | 0806-1036 | 67,890 |
| 107 | SB | 11 | 62,131 | \$1,468,766 | SEA-PDX | 0906-1136 | 67,890 |
| 109 | SB | 13 | 58,362 | \$1,401,531 | SEA-PDX | 1006-1236 | 67,890 |
| 111 | SB | 1 | 293,915 | \$6,894,700 | VAC-EUG | 0814-1530 | 170,090 |
| 113 | SB | 10 | 62,203 | \$1,478,826 | SEA-PDX | 1206-1436 | 67,890 |
| 115 | SB | 5 | 153,287 | \$3,467,944 | SEA-EUG | 1406-1830 | 113,150 |
| 117 | SB | 4 | 197,422 | \$4,558,970 | VAC-SEA | 1214-1736 | 56,940 |
| 119 | SB | 6 | 84,983 | \$1,992,682 | SEA-PDX | 1606-1836 | 67,890 |
| 121 | SB | 3 | 200,082 | \$4,504,081 | VAC-SEA | 1414-1936 | 56,940 |
| 123 | SB | 14 | 42,997 | \$1,000,146 | SEA-PDX | 1806-2036 | 67,890 |
| 125 | SB | 2 | 234,115 | \$5,306,738 | VAC-EUG | 1614-2330 | 170,090 |
| 127 | SB | 15 | 42,228 | \$989,073 | SEA-PDX | 2006-2236 | 67,890 |
| 129 | SB | 9 | 64,626 | \$1,404,685 | VAC-SEA | 2014-2250 | 56,940 |
| 102 | NB | 6 | 104,552 | \$2,201,589 | SEA-VAC | 0645-0922 | 56,940 |
| 104 | NB | 4 | 174,436 | \$3,856,821 | PDX-VAC | 0600-1122 | 124,830 |
| 106 | NB | 10 | 70,316 | \$1,599,070 | PDX-SEA | 0700-0930 | 67,890 |
| 108 | NB | 3 | 191,601 | \$4,405,311 | PDX-VAC | 0800-1322 | 124,830 |
| 110 | NB | 5 | 130,259 | \$2,870,467 | EUG-SEA | 0705-1130 | 113,150 |
| 112 | NB | 12 | 57,312 | \$1,375,006 | PDX-SEA | 1000-1230 | 67,890 |
| 114 | NB | 11 | 58,427 | \$1,397,674 | PDX-SEA | 1100-1330 | 67,890 |
| 116 | NB | 2 | 268,709 | \$6,392,115 | EUG-VAC | 1005-1722 | 170,090 |
| 118 | NB | 1 | 284,536 | \$6,594,795 | EUG-VAC | 1205-1922 | 170,090 |
| 120 | NB | 8 | 76,319 | \$1,803,493 | PDX-SEA | 1500-1730 | 67,890 |
| 122 | NB | 7 | 84,717 | \$1,987,330 | PDX-SEA | 1600-1830 | 67,890 |
| 124 | NB | 9 | 74,575 | \$1,759,367 | PDX-SEA | 1700-1930 | 67,890 |
| 126 | NB | 13 | 45,565 | \$1,069,182 | PDX-SEA | 1800-2030 | 67,890 |
| 128 | NB | 15 | 34,665 | \$815,876 | PDX-SEA | 1900-2130 | 67,890 |
| 130 | NB | 14 | 42,906 | \$1,005,429 | PDX-SEA | 2000-2230 | 67,890 |
| Total | | | 3,397,787 | \$78,267,050 | | | |

2023 Revision A Estimate

| | | | | | End | | Annual |
|---------|------|------|-----------|--------------|---------|-----------|--------------------|
| Train # | Dire | Rank | Riders | Revenue | Markets | End Times | Train Miles |
| 101 | SB | #N/A | 75,482 | \$1,788,860 | SEA-PDX | 0605-0832 | 67,890 |
| 103 | SB | #N/A | 90,215 | \$2,082,224 | SEA-PDX | 0805-1032 | 67,890 |
| 105 | SB | #N/A | 65,311 | \$1,554,482 | SEA-PDX | 0905-1132 | 67,890 |
| 107 | SB | #N/A | 59,841 | \$1,450,381 | SEA-PDX | 1005-1232 | 67,890 |
| 11T | SB | #N/A | 309,870 | \$7,332,120 | SCT-EUG | 0825-1530 | 162,790 |
| 109 | SB | #N/A | 64,834 | \$1,556,359 | SEA-PDX | 1205-1432 | 67,890 |
| 111 | SB | #N/A | 156,727 | \$3,586,186 | SEA-EUG | 1405-1830 | 113,150 |
| 113 | SB | #N/A | 215,929 | \$5,013,537 | SCT-PDX | 1225-1732 | 117,530 |
| 115 | SB | #N/A | 88,810 | \$2,105,711 | SEA-PDX | 1605-1832 | 67,890 |
| 117 | SB | #N/A | 75,267 | \$1,776,719 | SEA-PDX | 1705-1932 | 67,890 |
| 119 | SB | #N/A | 46,074 | \$1,082,772 | SEA-PDX | 1805-2032 | 67,890 |
| 121 | SB | #N/A | 261,558 | \$5,970,585 | SCT-EUG | 1625-2320 | 162,790 |
| 123 | SB | #N/A | 44,171 | \$1,046,396 | SEA-PDX | 2000-2227 | 67,890 |
| 125 | SB | #N/A | 68,030 | \$1,491,571 | SCT-SEA | 2025-2250 | 49,640 |
| 102 | NB | #N/A | 128,364 | \$2,741,457 | SEA-SCT | 0640-0905 | 49,640 |
| 104 | NB | #N/A | 57,954 | \$1,347,532 | PDX-SEA | 0600-0827 | 67,890 |
| 106 | NB | #N/A | 72,748 | \$1,676,299 | PDX-SEA | 0700-0927 | 67,890 |
| 108 | NB | #N/A | 216,142 | \$4,994,009 | PDX-SCT | 0800-1315 | 117,530 |
| 110 | NB | #N/A | 130,167 | \$2,907,188 | EUG-SEA | 0705-1127 | 113,150 |
| 112 | NB | #N/A | 69,652 | \$1,690,618 | PDX-SEA | 1000-1227 | 67,890 |
| 114 | NB | #N/A | 304,368 | \$7,264,585 | EUG-SCT | 1005-1715 | 162,790 |
| 116 | NB | #N/A | 69,803 | \$1,659,046 | PDX-SEA | 1400-1627 | 67,890 |
| 14T | NB | #N/A | 278,030 | \$6,535,347 | EUG-SCT | 1305-2015 | 162,790 |
| 118 | NB | #N/A | 88,500 | \$2,102,525 | PDX-SEA | 1600-1827 | 67,890 |
| 120 | NB | #N/A | 78,089 | \$1,866,970 | PDX-SEA | 1700-1927 | 67,890 |
| 122 | NB | #N/A | 47,507 | \$1,129,514 | PDX-SEA | 1800-2027 | 67,890 |
| 124 | NB | #N/A | 36,021 | \$858,696 | PDX-SEA | 1900-2127 | 67,890 |
| 126 | NB | #N/A | 44,772 | \$1,063,005 | PDX-SEA | 2000-2227 | 67,890 |
| Total | | | 3,244,236 | \$75,674,692 | | | |

| | | | | | End | | Annual |
|---------|------|------|-----------|--------------|---------|-----------|-------------|
| Train # | Dire | Rank | Riders | Revenue | Markets | End Times | Train Miles |
| 101 | SB | 12 | 61,341 | \$1,453,770 | SEA-PDX | 0606-0836 | 67,890 |
| 103 | SB | 7 | 70,836 | \$1,634,027 | SEA-PDX | 0707-0837 | 67,890 |
| 105 | SB | 8 | 70,366 | \$1,623,696 | SEA-PDX | 0806-1036 | 67,890 |
| 107 | SB | 11 | 62,131 | \$1,483,282 | SEA-PDX | 0906-1136 | 67,890 |
| 109 | SB | 13 | 58,362 | \$1,415,383 | SEA-PDX | 1006-1236 | 67,890 |
| 111 | SB | 1 | 309,312 | \$7,288,681 | SCT-EUG | 0834-1530 | 162,790 |
| 113 | SB | 10 | 62,203 | \$1,493,441 | SEA-PDX | 1206-1436 | 67,890 |
| 115 | SB | 5 | 153,287 | \$3,502,218 | SEA-EUG | 1406-1830 | 113,150 |
| 117 | SB | 4 | 199,451 | \$4,633,522 | SCT-SEA | 1234-1736 | 49,640 |
| 119 | SB | 6 | 84,983 | \$2,012,376 | SEA-PDX | 1606-1836 | 67,890 |
| 121 | SB | 3 | 209,800 | \$4,767,661 | SCT-SEA | 1434-1936 | 49,640 |
| 123 | SB | 14 | 42,997 | \$1,010,031 | SEA-PDX | 1806-2036 | 67,890 |
| 125 | SB | 2 | 247,861 | \$5,659,924 | SCT-EUG | 1634-2330 | 162,790 |
| 127 | SB | 15 | 42,228 | \$998,848 | SEA-PDX | 2006-2236 | 67,890 |
| 129 | SB | 9 | 69,278 | \$1,515,772 | SCT-SEA | 2034-2250 | 49,640 |
| 102 | NB | 6 | 122,086 | \$2,597,886 | SEA-SCT | 0645-0857 | 49,640 |
| 104 | NB | 4 | 179,423 | \$3,999,128 | PDX-SCT | 0600-1057 | 117,530 |
| 106 | NB | 10 | 70,316 | \$1,614,874 | PDX-SEA | 0700-0930 | 67,890 |
| 108 | NB | 3 | 195,043 | \$4,514,365 | PDX-SCT | 0800-1257 | 117,530 |
| 110 | NB | 5 | 130,259 | \$2,898,836 | EUG-SEA | 0705-1130 | 113,150 |
| 112 | NB | 12 | 57,312 | \$1,388,596 | PDX-SEA | 1000-1230 | 67,890 |
| 114 | NB | 11 | 58,427 | \$1,411,487 | PDX-SEA | 1100-1330 | 67,890 |
| 116 | NB | 2 | 270,349 | \$6,462,811 | EUG-SCT | 1005-1657 | 162,790 |
| 118 | NB | 1 | 302,473 | \$7,080,549 | EUG-SCT | 1205-1857 | 162,790 |
| 120 | NB | 8 | 76,319 | \$1,821,317 | PDX-SEA | 1500-1730 | 67,890 |
| 122 | NB | 7 | 84,717 | \$2,006,971 | PDX-SEA | 1600-1830 | 67,890 |
| 124 | NB | 9 | 74,575 | \$1,776,755 | PDX-SEA | 1700-1930 | 67,890 |
| 126 | NB | 13 | 45,565 | \$1,079,749 | PDX-SEA | 1800-2030 | 67,890 |
| 128 | NB | 15 | 34,665 | \$823,939 | PDX-SEA | 1900-2130 | 67,890 |
| 130 | NB | 14 | 42,906 | \$1,015,366 | PDX-SEA | 2000-2230 | 67,890 |
| Total | | | 3,488,871 | \$80,985,262 | | | |

2023 Revision A Estimate- Scott Road

| 2000 Bulla Estimate | | | | | | | 1 |
|---------------------|------|------|-----------|--------------|---------|-----------|-------------|
| | | | | | End | | Annual |
| Train # | Dire | Rank | Riders | Revenue | Markets | End Times | Train Miles |
| 117 | SB | 6 | 47,263 | \$1,304,929 | VAC-SEA | 1810-2135 | 56,940 |
| 115 | SB | 9 | 28,503 | \$826,241 | SEA-PDX | 1940-2240 | 67,890 |
| 111 | SB | 8 | 42,988 | \$1,208,738 | SEA-EUG | 1820-0005 | 113,150 |
| 113 | SB | 1 | 150,416 | \$4,270,974 | VAC-PDX | 1225-1905 | 124,830 |
| 109 | SB | 3 | 81,028 | \$2,271,031 | SEA-EUG | 1410-2000 | 113,150 |
| 107 | SB | 2 | 133,307 | \$3,807,694 | VAC-PDX | 0730-1410 | 124,830 |
| 11 | SB | 10 | 23,627 | \$644,828 | SEA-EUG | 0955-1646 | 113,150 |
| 105 | SB | 5 | 50,423 | \$1,501,152 | SEA-PDX | 0950-1250 | 67,890 |
| 103 | SB | 4 | 53,429 | \$1,508,330 | SEA-PDX | 0805-1105 | 67,890 |
| 101 | SB | 7 | 47,273 | \$1,351,667 | SEA-PDX | 0630-0930 | 67,890 |
| 102 | NB | 3 | 66,378 | \$1,746,411 | SEA-VAC | 0745-1110 | 56,940 |
| 104 | NB | 7 | 51,809 | \$1,439,668 | PDX-SEA | 0630-0930 | 67,890 |
| 106 | NB | 4 | 67,146 | \$1,863,683 | EUG-SEA | 0545-1140 | 113,150 |
| 108 | NB | 1 | 131,275 | \$3,851,621 | PDX-VAC | 1025-1705 | 124,830 |
| 552 | NB | 11 | 11,984 | \$197,274 | EUG-PDX | 0930-1205 | 45,260 |
| 110 | NB | 6 | 52,110 | \$1,595,015 | PDX-SEA | 1210-1510 | 67,890 |
| 112 | NB | 2 | 128,870 | \$3,702,177 | PDX-VAC | 1435-2115 | 124,830 |
| 114 | NB | 5 | 62,527 | \$1,809,337 | PDX-SEA | 1555-1855 | 67,890 |
| 14 | NB | 10 | 23,574 | \$674,259 | EUG-SEA | 1244-1956 | 113,150 |
| 116 | NB | 8 | 33,937 | \$986,816 | PDX-SEA | 1815-2115 | 67,890 |
| 118 | NB | 9 | 28,647 | \$829,322 | PDX-SEA | 1945-2245 | 67,890 |
| Total | | | 1,316,517 | \$37,391,168 | | | |

2008 Build Estimate- Sensitivity Analysis (increased base fares by 23%)

| | | | | | End | | Annual |
|---------|------|------|-----------|--------------|---------|-----------|-------------|
| Train # | Dire | Rank | Riders | Revenue | Markets | End Times | Train Miles |
| 101 | SB | 12 | 52,280 | \$1,807,682 | SEA-PDX | 0606-0836 | 67,890 |
| 103 | SB | 7 | 60,253 | \$2,029,979 | SEA-PDX | 0707-0837 | 67,890 |
| 105 | SB | 8 | 60,018 | \$2,019,268 | SEA-PDX | 0806-1036 | 67,890 |
| 107 | SB | 11 | 53,257 | \$1,848,420 | SEA-PDX | 0906-1136 | 67,890 |
| 109 | SB | 13 | 50,034 | \$1,763,922 | SEA-PDX | 1006-1236 | 67,890 |
| 111 | SB | 1 | 243,780 | \$8,539,199 | VAC-EUG | 0814-1530 | 170,090 |
| 113 | SB | 10 | 53,270 | \$1,860,435 | SEA-PDX | 1206-1436 | 67,890 |
| 115 | SB | 5 | 128,929 | \$4,321,886 | SEA-EUG | 1406-1830 | 113,150 |
| 117 | SB | 4 | 165,797 | \$5,684,350 | VAC-SEA | 1214-1736 | 56,940 |
| 119 | SB | 6 | 72,552 | \$2,503,641 | SEA-PDX | 1606-1836 | 67,890 |
| 121 | SB | 3 | 167,818 | \$5,612,790 | VAC-SEA | 1414-1936 | 56,940 |
| 123 | SB | 14 | 36,756 | \$1,257,238 | SEA-PDX | 1806-2036 | 67,890 |
| 125 | SB | 2 | 194,671 | \$6,583,255 | VAC-EUG | 1614-2330 | 170,090 |
| 127 | SB | 15 | 36,075 | \$1,243,043 | SEA-PDX | 2006-2236 | 67,890 |
| 129 | SB | 9 | 53,878 | \$1,747,568 | VAC-SEA | 2014-2250 | 56,940 |
| 102 | NB | 6 | 86,308 | \$2,729,616 | SEA-VAC | 0645-0922 | 56,940 |
| 104 | NB | 4 | 146,355 | \$4,806,818 | PDX-VAC | 0600-1122 | 124,830 |
| 106 | NB | 10 | 59,898 | \$2,007,317 | PDX-SEA | 0700-0930 | 67,890 |
| 108 | NB | 3 | 160,341 | \$5,483,763 | PDX-VAC | 0800-1322 | 124,830 |
| 110 | NB | 5 | 109,757 | \$3,580,676 | EUG-SEA | 0705-1130 | 113,150 |
| 112 | NB | 12 | 49,142 | \$1,730,603 | PDX-SEA | 1000-1230 | 67,890 |
| 114 | NB | 11 | 50,056 | \$1,758,527 | PDX-SEA | 1100-1330 | 67,890 |
| 116 | NB | 2 | 223,656 | \$7,930,229 | EUG-VAC | 1005-1722 | 170,090 |
| 118 | NB | 1 | 237,228 | \$8,184,621 | EUG-VAC | 1205-1922 | 170,090 |
| 120 | NB | 8 | 65,354 | \$2,268,712 | PDX-SEA | 1500-1730 | 67,890 |
| 122 | NB | 7 | 72,395 | \$2,497,976 | PDX-SEA | 1600-1830 | 67,890 |
| 124 | NB | 9 | 63,678 | \$2,210,827 | PDX-SEA | 1700-1930 | 67,890 |
| 126 | NB | 13 | 38,905 | \$1,343,543 | PDX-SEA | 1800-2030 | 67,890 |
| 128 | NB | 15 | 29,631 | \$1,025,664 | PDX-SEA | 1900-2130 | 67,890 |
| 130 | NB | 14 | 36,666 | \$1,263,781 | PDX-SEA | 2000-2230 | 67,890 |
| Total | | | 2,858,737 | \$97,645,348 | | | |

2023 Revision A Estimate- Sensitivity Analysis (increased base fares by 46%)