

Inventory Of Transportation Facilities and Services

Catalog of Maps and Databases



June 2015

Revised Effective November 29, 2018



Snohomish County
Public Works

TABLE OF CONTENTS

1. INTRODUCTION.....	1
1.1 Background and Purpose.....	1
1.2 Growth Management Act Requirements.....	1
2. TRANSPORTATION FACILITITES AND SERVICES.....	2
2.1 Public Highways, Streets, and Roads.....	2
2.2 Countywide Bicycle Facility System.....	2
2.3 Southwest Area Pedestrian Facilities System.....	2
2.4 Public Transit.....	3
2.5 Other Public and Private Passenger and Freight Transportation Facilities and Services.....	4
3. TRANSPORTATION INVENTORY.....	7
3.1 Transportation Databases and Maps.....	7

1. INTRODUCTION

1.1 Background and Purpose

The purpose of this catalog is to provide an easy to understand reference to information available on transportation facilities and services in Snohomish County. This information helps provide a sound basis for transportation planning and decision-making.

1.2 Growth Management Act Requirements

In 1990, the State Legislature passed the Growth Management Act (GMA), which requires each city and the county to perform:

An inventory of air, water and ground transportation facilities and services, including transit alignments and general aviation airport facilities, to define existing capital facilities and travel levels as a basis for future planning. This inventory must include state-owned transportation facilities within the city or county's jurisdiction boundaries. (RCW 36.70A.070(6)(a)(iii)(A))

The Snohomish County Department of Public Works, in compliance with the GMA, maintains a set of maps and related databases that provide an inventory of transportation facilities and services. The inventory is part of the County's *GMA Comprehensive Plan: Transportation Element*. This information is available to the public by calling Snohomish County Public Works at 425-388-3488.

2. TRANSPORTATION FACILITIES AND SERVICES

2.1 Public Highways, Streets and Roads

Snohomish County, along with 20 municipalities, the Washington State Department of Transportation (WSDOT), and the Tulalip Tribe provide the public roadway system in Snohomish County. Major responsibilities include the planning, design, construction, and maintenance of these transportation facilities.

To have a better understanding of the highway, street and road system, Snohomish County maintains a functional classification system. The system is shown on the Arterial Circulation Map. Arterials are classified as an interstate, freeway/expressway, principal arterial, minor arterial, major collector, or minor collector. High Occupancy Vehicle Lanes (HOV) are also designated on state highways and a county arterial, Airport Road/128th St SW.

Other important information specific to Snohomish County roads such as traffic volumes, traffic control, bridges, road geometry, and striping are maintained in separate databases such as Mobility.

2.2 Countywide Bicycle Facility System

Integrated within the Snohomish County public highway, street, and road system are non-motorized facilities including separated paths. The Countywide Bicycle Facility System includes trails, such as the Centennial and Interurban trails; designated on-street bike lanes on some State highways; select County and city roads; routes on widened County road shoulders; and streets and roads with shared roadway use that do not include special markings or signs.

2.3 Southwest Area Pedestrian Facility System

Pedestrian facilities are another form of non-motorized transportation that run adjacent to roadways within the county. The Southwest Area Pedestrian Facility System includes facilities on state, county, city, and tribal roads. The facilities include sidewalks; shoulders; and both regional and local trails.

2.4 Public Transit

Public transit is an important part of the transportation system within Snohomish County. Six transit systems currently operate within the County working cooperatively to provide for the transportation needs of our residents and commuters.

Community Transit

The Snohomish County Public Transportation Benefit Area (PTBA) Corporation is a special purpose municipal corporation approved by voters in 1976 that operates Community Transit (CT). The PTBA consists of most of the urban portion of Snohomish County, excluding the City of Everett.

Community Transit operates **forty-five** routes: **twenty-three** as local routes (including 1 Bus Rapid Transit route) and **twenty-two** commuter express routes. CT served over **9.1 million** passenger rides with **281** coaches and had a total of **more than 1,500 bus stop locations in 2013**. The Express routes provide service to Boeing's Everett facility, downtown Seattle, the Eastside (Redmond, Bellevue), and the University of Washington.

Community Transit provides ride-matching service to people interested in carpooling and provides vans to employers for commuter vanpooling. CT operates three transfer stations and **twenty park-and-ride lots** with more than 7,355 parking stalls within the County.

Everett Transit

The City of Everett took over operation of a private transit company in 1969 and created Everett Transit. Everett Transit provides fixed route service throughout the city and demand-response service to elderly and disabled riders within its PTBA. In 2013, Everett Transit served over **2 million** boardings at **617 bus stops** with **49 buses** and **21 routes** in the City of Everett and its immediate surroundings. The Everett Multimodal Station near downtown Everett provides a large transit center with a park-and-ride lot. As a true multimodal center, the station connects Everett Transit, Community Transit, Sound Transit, and Skagit Transit passengers with Amtrak, Greyhound, and Northwest Trailways riders.

King County Metro

Metro has been operating transit service in King County since 1973 and is now part of King County government. King County Metro operates primarily in King County, but runs one

custom/express routes to Boeing's Everett facility. Metro also provides two fixed routes that travel into and serve southwest Snohomish County. A large fleet of vanpools provide transportation for a number of King County residents commuting to Snohomish County employers.

Sound Transit

In 1996, voters of the "Greater" Seattle area approved funding of a 10-year regional transportation plan now known as Sound Transit's *Sound Move*. Sound Transit's PTBA extends south from Everett to Tacoma, including portions of Snohomish, King, and Pierce counties. In 2008, voters approved the Sound Transit 2 ballot measure, which adds regional express bus service and will extend light rail service into Snohomish County by 2023. Sound Transit's goal is to respond to a growing demand for public transit within the region.

Sound Transit provides inter-county bus service to Snohomish County. Six express bus routes provide service between King and Snohomish counties. Community Transit operates Sound Transit's routes in Snohomish County under contract. Routes 510/512, 513, and 535 coming into Everett utilize the Everett Multimodal Station in downtown Everett. Sounder Commuter Rail service runs between Seattle, Edmonds Station, Mukilteo Station, and the Everett Multimodal Station.

Island Transit and Skagit Transit

Skagit Transit runs an express bus route from Mount Vernon to Everett. Island Transit runs two bus routes from Camano Island to Stanwood and one to Stanwood and Mount Vernon. Both agencies offer vanpool options for their resident commuters traveling to Snohomish County employers.

2.5 Other Public and Private Passenger and Freight Transportation Facilities and Services

Other public agencies and private transportation providers own and operate facilities and services within Snohomish County.

Intercity Bus

Greyhound and Northwest Trailways bus lines provide interstate bus transportation connecting Snohomish County with Bellingham northward, Spokane eastward, and Portland southward. The Greyhound terminal is located in the Everett Multimodal Station.

Passenger Rail

Amtrak currently provides passenger rail service from Seattle through Snohomish County with stops at Edmonds, Everett Multimodal Station, and Stanwood. The service provides north-south connections to Vancouver, British Columbia and Portland, Oregon southward. It also runs service easterly to Spokane and beyond.

Freight Rail

The Burlington Northern Santa Fe (BNSF) Railroad provides rail freight service. Its major terminal facility within Snohomish County is located near downtown Everett on the waterfront.

Snohomish County's eastside rail corridor currently provides freight service with additional potential future uses as a regional non-motorized multi-use trail, excursion train, and commuter rail line.

Ferry System

Two Washington State Ferry (WSF) routes serve Snohomish County providing cross Puget Sound travel. The Edmonds-Kingston route operates between the cities of Edmonds and Kingston. The Edmonds Ferry Terminal has 220 spaces in parking lots nearby and provides a separated overhead walk-on passenger ramp for boarding. **Jumbo and jumbo Mark II class ferries with 188-205 vehicle and 2000-2500 passenger carrying capacities** currently serve the route with 30-minute headways. In 2013, 2,036,982 vehicles and 1,817,926 passengers were served on the route.

The Mukilteo-Clinton ferry route operates between two WSF terminals located in the cities of Mukilteo and Clinton. The Mukilteo Terminal has **limited parking**. **Issaquah and Olympic class ferries with 124-144 vehicle and 1,200-1500 passenger carrying capacities** currently serve the route with 20 minute headways. In 2013, approximately **2,119,716 vehicles and 1,787,254 passengers** were served on the route.

Airports

Several public and private airports are located in Snohomish County. Paine Field airport is located southwest of Everett and is owned and operated by Snohomish County. The airport has three runways used for general aviation and for aircraft-related manufacturing. The City of Arlington owns and operates the Arlington Airport which has two runways with an adjoining industrial park. A municipal airport in Darrington provides for general aviation use

with one runway. Other smaller privately owned airports exist in Granite Falls, Marysville, Monroe, Snohomish, and Sultan.

Marine Port Facilities

The Port of Everett operates **8 berths on 100 acres handling over 359,000 tons of cargo in 2013**; mainly wood and container exports, cement and general cargo imports. BNSF Railroad serves the facility. The Port of Everett also owns the largest marina on the West Coast with a **2,300 capacity boat-slip marina**. The Port of Edmonds owns and operates a **662 boat-slip marina** providing for both recreational and commercial users.

3. TRANSPORTATION INVENTORY

3.1 Transportation Databases and Maps

Snohomish County’s Inventory of Transportation Facilities and Services is maintained in both text and digital map form. Written information is maintained in database software, while digital maps of the inventory are produced through the County’s Geographic Information System (GIS). Together, this system of database tables and digital maps provide an inventory of both public and private transportation facilities and services within Snohomish County.

Database Structure and Components

The Snohomish County Transportation Inventory of Facilities and Services database contains tables of existing inventory data. A list of the tables and a general description of each is shown below.

In addition, the Snohomish County Public Works Department maintains the Arterial Unit Database providing information on each arterial under Snohomish County jurisdiction. The database summarizes existing traffic count data, travel time study results, and roadway geometry for each county arterial unit, which are delineated on a separate digital Arterial Units map. The information is used to monitor and assess existing traffic conditions annually and as an aid during the land use development review process. Snohomish County Public Works also maintains its road inventory in Mobility. Mobility enables the Department to maintain data on road characteristics. The county also has databases for traffic volumes and accidents/collisions.

Table Name	Inventory Description
County Road System Tables <i>(maintained by Traffic Operations Section)</i>	Traffic counts, accident data, intersection information, facility roadway geometry, sign inventory, road striping, and other pavement markings.
Airports/Airfields	Existing airports and airfields
Bridges	Existing county-maintained bridges
Transit Routes System Tables	Existing Community Transit (CT), Sound Transit, Everett Transit, and King County Metro transit fixed routes.

Table Name	Inventory Description
Ferries	State Ferry terminals and routes
Grade-separated Interchanges	Existing and proposed WSDOT grade-separated interchanges
Park & Ride Lots	Major park and ride lots
Ports	Major port facilities
Rail Terminals	Rail terminal locations
Railroad Crossings	Railroad crossing locations
Traffic Signal Tables	Signals maintained by Snohomish County as well as other city and WSDOT traffic signals
Transit Transfer Stations	Major transit transfer centers

Other transportation system components, such as high-occupancy vehicle (HOV) lanes, bikeways and urban trails, pedestrian facilities, and interstate bus facilities are better illustrated in digital map form. As a result, they are not included in the database inventory.

Available Maps

Digital maps depicting various components of the County’s Inventory of Transportation Facilities and Services are referenced below. These digital maps include other useful information including: city limits, designated urban growth areas, water features, and major roadways. These digital maps cover the entire western portion of Snohomish County. Two of the digital maps, Arterial Circulation and Countywide Bicycle Facility System, are printed in paper format in the Transportation Element.

Sources of Data

Information contained in the Inventory of Transportation Facilities and Services originates from a variety of sources. Freeways, streets, roads, bikeways, and related facilities inventories were primarily derived from the Snohomish County Public Works Department, individual cities and towns, the Tulalip Tribe, and the Washington State Department of Transportation.

Transit information, including routes, park-and-ride lots, and transit transfer centers was obtained from WSDOT and transit agencies operating in Snohomish County. State Ferries information was provided by WSF.

Information on other public and private passenger and freight transportation facilities and services such as ports, railroads, and interstate bus service, was obtained from the respective agency or company.

Map Name	Inventory Description
Arterial Circulation	Arterial functional classification and recommended new arterials
Bridges and Grade-Separated Interchanges	County maintained bridges and WSDOT grade-separated interchanges
Signals and Number of Lanes	Countywide traffic signals and number of lanes on major arterials
Bikeways, Urban Trails, and Railroad Crossings	Existing bikeways, urban trails, railroad crossings, and railway lines
Countywide Bicycle Facility System	Existing and proposed bikeways/trails
Southwest Area Pedestrian Facility System	Existing pedestrian facilities
Transit Facilities and High Occupancy Vehicle Lanes	Community Transit (CT) routes, transfer stations, maintenance facility, transit centers, major park & ride facilities, and High Occupancy Vehicle (HOV) lanes
Intermodal Facilities	Airports and airfields, railways, WSDOT ferry terminals and routes, interstate bus terminals and routes, and port locations
State Highway Units and Inventory	WSDOT freeways and highways, interchanges, park & ride lots, and WSF routes and terminals

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