

Connections Happen













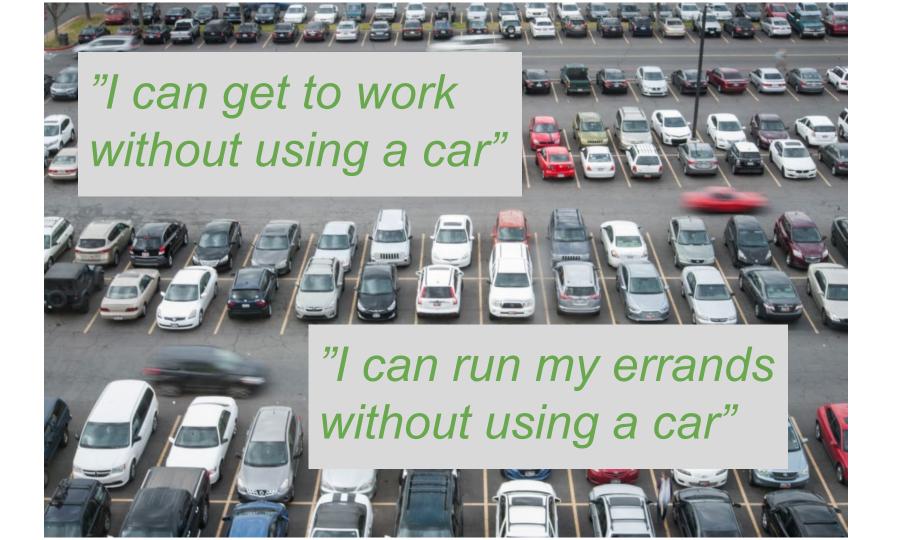






TOD and BRT







HUMAN TRANSIT

How Clearer Thinking

about Public Transit

Can Enrich Our

Communities

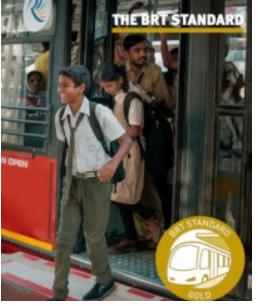
and Our Lives

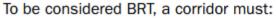
Jarrett Walker

- "Frequency is Freedom"
- "Be on the way"
- Low delay
- Predictability
- Span of service
- Connections to network



IMAGES AND MAPPING COURTESY OF URBAN DESIGN 4 HEALTH





- be at least 3km length with dedicated lanes,
- score 4 or more points in dedicated right-of-way element
- score 4 or more points in busway alignment element; and
- score 20 or more points across all five BRT Basics element.

BRT Rankings

ome • BRT Rankings

BRT Standard: Rankings_Summary : All Scores

2013 United Kingdom Cambridge

HOME | WHAT IS BRT? | ABOUT THE BRT STANDARD | THE SCORECARD | BRT RANKINGS | DOWNLOAD

Cambridgeshire Busway

Below is a list of all BRT corridors that have been scored and verified by The BRT Standard technical committee, listed by year scored and country. This is a live spreadsheet, continually updated as more corridors are scored.

... ☑ ☆

2013	United States	Cleveland, OH	(no BRT system name)	Healthline	6.9	76.0	Silver	
2013	United States	Eugene, OR	Emerald Express (EmX)	Green Line	12.5	55.0	Bronze	
		ord	CTfastrak	Hartford-New Brit	15.0	79.2	Silver	
		/egas, NV	(no BRT system name)	Strip & Downtow	2.0	2.0 54.0 Basic BRT		
		\ngeles, CA	(no BRT system name)	Orange line	22.9	65.0	Bronze	
s,			(no BRT system name)	Martin Luther Kin	15.0	56.0	Bronze	
-		burgh, PA	(no BRT system name)	West Busway	8.1	51.0	Basic BRT	
f-way ele	ment,	burgh, PA	(no BRT system name)	South Busway	7.0	50.0	Basic BRT	
t element; and		nond	GRTC	Pulse	4.2	56.6	Bronze	
		Bernardino	sbX	E Street	8.3	63.0	Bronze	
Γ Basics elemer		t				44.4	D	~

Route A

*See The Scorecard 2016 for more details.

https://www.itdp.org/library/standards-and-guides/the-bus-rapid-transit-



Bringing the Region Together

October 4, 2019



Connecting the region

LINK connections

I-405 BRT

Redmond-Seattle-Lynnwood

Lynnwood City Center & Bellevue Downtown

Issaquah-Bellevue-South Kirkland

Everett-Seattle-West Seattle

Lynnwood City Center

Ballard-Tacoma

Tukwila International Boulevard Station

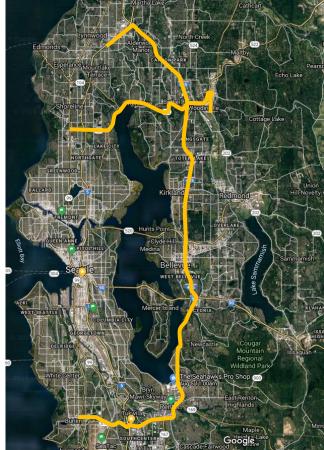
SR 522 BRT

Redmond-Seattle-Lynnwood Shoreline South/145th

Everett-Seattle-West Seattle

Shoreline South/145th



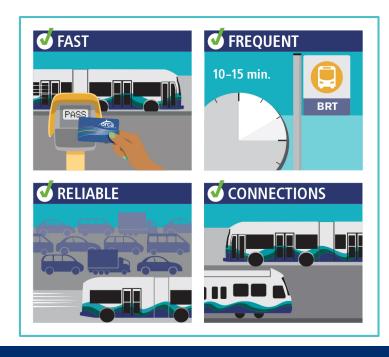




Fast, frequent, reliable service

Bus Rapid Transit infrastructure designed for fast, frequent and reliable service

- 10-minute peak,15-minute off-peak frequency
- Up to 19 hours of service Monday through Saturday
- Up to 17 hours on Sunday





BRT Characteristics











BRT – New Line of Service

Sound Transit welcomes
Bus Rapid Transit service

Stride

Submark STRIDE

Graphic Element

"BRT Wave"



Color PalettePrimary Colors

Wave Blue

White

Secondary Colors

Golden Ticket

Soft Teal

Light Gray

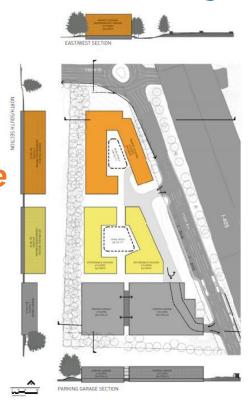


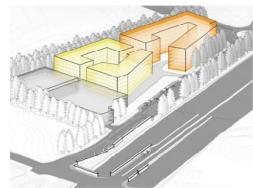
TOD Planning

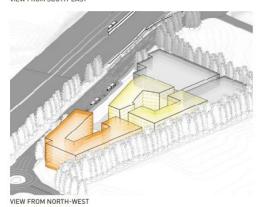
Kingsgate TOD Feasibility Study

Study identifies opportunities, challenges, and considerations for implementing TOD on the Kingsgate Park-and-Ride site

- 400-net new stalls
- Interagency group WSDOT, ST, Kirkland and KCM
- 3 TOD Conceptual Scenarios
- Affordable housing and marketrate apartments







South Renton Transit Center Design

A new Transit Center, Parkand-Ride and BRT station

- 8-acre site
- Interagency group WSDOT, ST, Renton and KCM
- 3 Design Workshops
- 3 TOD Conceptual Scenarios
- TOD Feasibility Affordable housing, market-rate apartments and hospitality





Kenmore Park-and-Ride TOD - SR522

A new Park-and-Ride garage, layover facility and BRT

- Multiple sites
- Stakeholder group –ST,
 Kenmore and adjacent owners
- 3 Design Workshops
- 3 TOD Conceptual Scenarios
- TOD Feasibility Affordable housing, market-rate apartments and hospitality









RAPIDRIDE

Bringing the Region Together: BRT - Regional TOD Event

Hannah McIntosh- King County Metro October 4, 2019



What is RapidRide?

RapidRide brings fast, frequent, reliable service that gets you where you need to be. Key features of RapidRide Include:



Key Features of Capital Investments

- Passenger facilities
- Accessibility
- Speed and reliability
- Communications and technology
- Safety, comfort, and security
- Access to transit



Conceptual design rendering of a shelter location. Actual design may vary.



RapidRide Capital Investments: Speed and Reliability



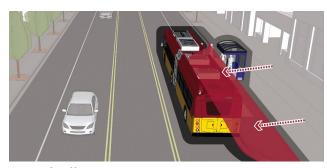
Transit signal priority



Queue jumps



Curbside bus lane



Bus bulbs



Bus station locations



RapidRide in King County

Six Existing Routes

- Carries 66,000 passengers per day
- 1 in every 5 Metro boarding's is on a RapidRide
- Connects 11 Regional Growth Centers
- Up to 65% increase in ridership over existing service five years after line launch

Expanding to Seven New Routes By 2027

 Providing connections in Auburn, Burien, Bellevue, Kent, Kirkland, Renton, and Seattle





RapidRide Expansion Timeline





Any questions?

Contacts

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RapidRide Program Director

(206) 263-9104 HMcintosh@kingcounty.gov







June DeVoll
Manager of Regional Programs & Projects
October 4, 2019



Swift Blue Line: 10 Year Anniv.





Building the Network





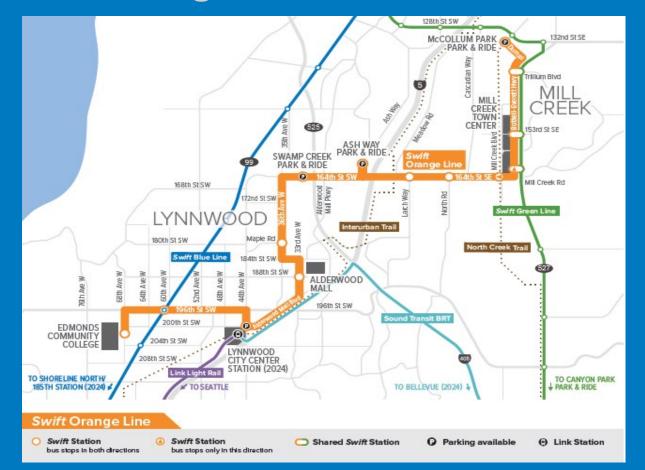
Swift Green Line Launches - March 2019

Early Performance

- #2 route in system
- ~2,000 avg. weekday riders
- Doubled ridership in the corridor
- Ridership has grown 20% since launch

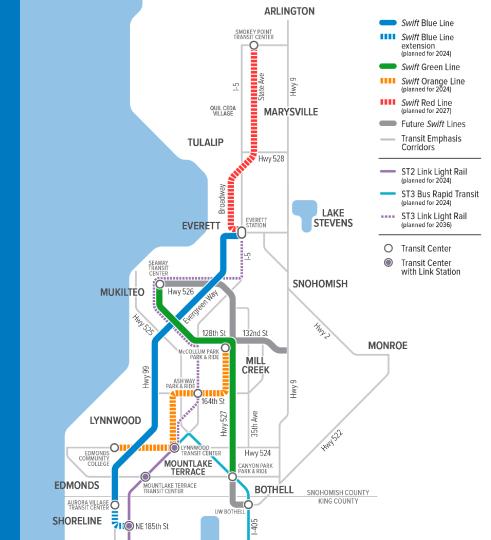


2024: Swift Orange Line & Swift Blue Line Extension





Integrated Future Network







Tina Lee

Planning Manager Pierce Transit tlee@piercetransit.org



PARK & RIDE: TRANSIT CENTER: PT ROUTE NUMBER: -500







MEDIAN-HYBRID ALTERNATIVE





BRT in Right Lane Mixed Traffic

• 7.3 miles



BRT in Curbside BAT Lane

• 1.0 miles



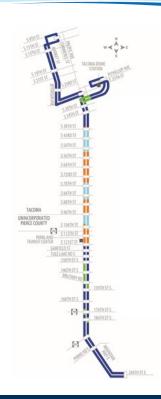
BRT in Median Lane

• 3.6 miles



BRT in Left Lane Mixed Traffic

• 2.5 miles











WHY CONSIDER BRT FOR PACIFIC AVENUE/SR 7?





Funding is well underway; there is already \$90 million secured toward this \$150 million investment along the corridor



The Pacific Ave./SR 7 route makes up more than 12 percent of Pierce Transit's ridership, with over 1 million boardings per year along the BRT portion of the route



Approximately
55,000 residents
live within a half-mile
of the corridor



The current 31,500 jobs located along the corridor will increase to an estimated 59,000 by 2040



Approximately

11% of the people
living along the corridor are
dependent on transit for
their travel needs



The route borders on six state-recognized Opportunity Zones designed to attract investment and spur economic growth

	Median HH Income	% Unemployed	% Below Poverty Level
Study Corridor	\$49,911	6.0%	20.3%
Pierce County	\$62,469	4.5%	12.4%

* Source: Pacific Ave./SR-7 High Capacity Transit Feasibility Study





BRT WILL SERVE THESE MAJOR NEW PROJECTS



Convention Center Hotel

1500 Commerce Street, under construction BRT within two blocks



Brewery District Town Center

Jefferson Ave at S. 21st to 23rd Streets, under construction BRT adjacent to corridor





BRT WILL SERVE THESE MAJOR NEW PROJECTS



Koz on Market

Market Street at S. 17th St. Adjacent to BRT corridor



Koz on Puyallup Ave.

Puyallup Avenue at E. C St. BRT within two blocks



Trax Project

Next to Tacoma Dome Station BRT within one block





OTHER KEY DESTINATIONS W/IN 1/4 MILE OF BRT



- Tacoma Dome Station
- Six Opportunity Zones
- University of Washington Tacoma
- Pacific Lutheran University
- Bates Technical College
- · City U. of Seattle
- NW College of Art & Design
- Sprinker Recreation Center
- · Pierce Co. Veterans' Bureau
- Pierce Co. Corrections
- Pierce Co. Family Support
- Tacoma Municipal Court
- Employment Security Dept.
- Social Security Disability
- Catholic Community Services
- Guadalupe House

- Tacoma Rescue Mission
- Tacoma Public Library
- Parkland/Spanaway Library
- Tacoma Indian Center
- Lighthouse Senior Activity Ctr.
- Downtown YMCA
- Tacoma-PC Health Dept.
- Mt. Rainier Lutheran H.S.
- Stewart Middle School
- Spanaway Middle School
- Spanaway Elementary
- Lyon Elementary School
- Spanaway Food Bank
- Lighthouse Senior Center
- Several religious institutions
- Banks, drug stores, retailers

- Moore Public Library
- Fred Meyer Superstore
- Charlotte's Blueberry Park
- Parkland Auto Licensing
- Walmart Supercenter Spanaway
- Spanaway Urgent Care Clinic
- Lake Spanaway Golf Course
- Work Source
- Home Depot
- Post offices
- Museums
- Asian Market Pacific
- Pierce Co. Sheriff's Dept.



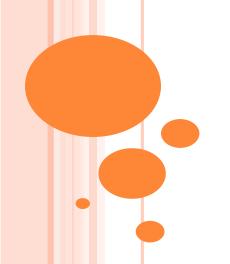


167 EDGEWOOD UNIVERSITY SPANAWAY Pierce County JBLM Bus Rapid Transit Corridors Current and Proposed PIERCE TRANSIT BUS ROUTES Planned Taroma Dome Corridor 1 Intermodal Park & Ride / Station Planned Hillton & TCC Proposed Bus Rapid Taroma Link Extension Planned WSDOT Completion Pierce & King County Cities PierceTransit Joint Base Lewis-McChord

Current & Proposed High Capacity Transit Corridors



KITSAP TRANSIT HIGH CAPACITY TRANSIT PLANNING



Kitsap Transit October 4, 2019

WHY HCT PLANNING NOW?



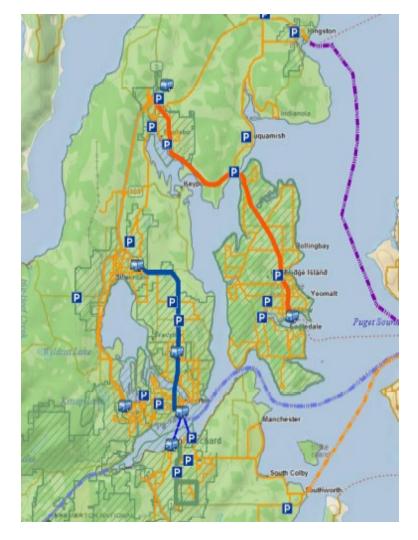
Planning for the future

- Population growing quickly due to housing shortages
- Current Population 266,000
- Projected to increase by 100,000 by 2040

Vision 2050 Transit Focused Alternative

Economic Generators Changing

- Puget Sound Naval Shipyard 30% growth over past 7 years, not expecting to slow.
- New Technology Employers
- Hospital expansion and consolidation
- Fast Ferry Success



HCT CORRIDOR VISION

Identified to connect centers

- Bremerton Silverdale
- Poulsbo Bainbridge Island
- Port Orchard Bethel Corridor

WHAT HAVE WE DONE SO FAR?



- Long Range Plan Adopted
- Corridor Vision Map Adopted
- Conducted Coordinated Planning Studies
- Board and Public Education on HCT
- Solicit Stakeholders for Planning Team
- Constructed most recent transit center to meet future needs
- Planning new transit centers along vision corridors to meet needs







CORRIDOR STUDY MAPS

- SR 305 Corridor
- Bethel Road Corridor
- SR 303 Corridor

WHAT'S NEXT?



- Public outreach and coordination
- Transit access improvements
- Fiscal planning for HCT implementation
- Frequency improvements
- Alternatives planning / EIS development
- Jurisdictional partnerships



THANK YOU!

Questions?

Steffani Lillie

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SteffaniL@kitsaptransit.com