Past, Present & Future
July 2023

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Director of Major Projects

TRIOMET
About TriMet
By the numbers

Our region
1.8m people

Our district
533 square miles

Buses
696 buses
85 lines
6,620 stops

MAX Light Rail
145 rail cars
5 lines
96 stations
Who we are
3,000+ employees

- Operators: 48%
- Maintenance: 28%
- Administration: 13%
- Other Transportation: 11%
Why is transit important?

Access & Mobility
- Jobs/employment, schools, parks, fun

Sustainability
- Reduce traffic congestion
- Reduces greenhouse gases/ air pollution
- Improves land use

Community
- Safe and inclusive
- Saves time and money
- Improves physical health
Bus and rail network

- Serves three counties in the metro area — Clackamas, Multnomah and Washington
- 14 bus lines
- 5 MAX Lines
- 164-mile network
- ~15 minute service throughout day
- Majority of bus boardings
MAX Light Rail

- MAX = “Metropolitan Area Express”
- Launched in 1986
- 5 lines, 96 stations
- 2 rail yards
- MAX Orange Line most recently added in 2015
- FY22 ridership: ~18.6 million trips
Bus service

- 85 lines
- 1 FX (Frequent Express) line
- FY22 ridership: ~31 million trips
WES Commuter Rail

- WES = “Westside Express Service”
- 14.7 miles
- 5 stations
- Peak period service only
- FY22 ridership: ~103,000 trips
LIFT Paratransit

- 260 minibuses
- 15 LIFT Vans
- Door-to-door service
- FY22 Ridership: ~438,000 trips
Portland Streetcar

- First modern streetcar in the U.S.
- Began service July 2001 between Portland State University and NW 23rd Avenue
- Operated by the City in partnership with TriMet
- Now operates 3 lines
  - North/South line from South Waterfront to NW 23rd Avenue
  - A & B Loops connect the Pearl District, Lloyd, Central Eastside Industrial District, Portland State University and Downtown
Electronic fare system: Hop Fastpass

- Electronic fare system launched in 2017
- Riders tap card reader with Hop card, Hop ticket, phone or contactless credit/debit card
- Regional system that works on TriMet, Portland Streetcar and C-TRAN

Fare capping
- Day and monthly pass benefits
- Reduced fares for seniors, youth, people with disabilities and people who qualify based on income
Transit-oriented development

Over $21.9 billion invested within walking distance of MAX platforms
How did we get here?
Shaping the Future: Then
Shaping the Future: Now

MAX Station areas:
• 6% of land in District
• 39% of housing units built since the closest line was built
Building the light-rail system
Banfield Blue Line - 1986

Portland

Gateway 1986

Gresham
Most recent projects
MAX Orange Line

- Serves 17 stations connecting Downtown Portland with Milwaukie
- Launched in 2015
- Features iconic bridge (transit, walking and biking only)
Tilikum Crossing, Bridge of the People

- Carries MAX Orange Line trains, buses, streetcars, cyclists and pedestrians over the Willamette River
- Largest car-free bridge in U.S.
- 1,720 feet long
- First bridge built over the river since Fremont Bridge in 1973
Powell Bus Garage

- Remodel finished in 2022
- Office and infrastructure upgrades
- Home of FX bus fleet and for standard bus
- Lighting, roadway and safety upgrades
• 15 miles of enhanced service from Downtown Portland to Gresham
• 42 stations with 83 platforms – 1/3 mile approximate station spacing
• 15% -20% average improvement in travel times over existing service
• New 60-foot articulated buses with two boarding doors
A BETTER RED

Red Line Extension & Reliability Improvements - 2024
A BETTER RED

+ Fair Complex/Hillsboro Airport
+ Hawthorn Farm
+ Oregon
+ Quatama
+ Willow Creek/SW 180th Transit Center
+ Elmonica/SW 170th
+ Merlo/SW 158th
+ Beaverton Creek
+ Millikan Way
+ Beaverton Central

TRI-MET
Transit priorities

- State of Good Repair
- Build total transit system
- Expand high capacity transit
- Expand Frequent Service
- Improve local service
Interstate Bridge Replacement Program

- **Light rail** – Extend light rail into Vancouver, WA
- **Bus rapid transit connections** – Connect with existing and planned C-Tran BRT network in Vancouver
- **Express bus** – Operate on shoulder
- **New stations** – Construct 3 new stations (1 in Oregon and 2 in Washington)
• **Light rail** – provide better access to jobs & schools
• **Enhanced** bus connections – with transit-only lanes
• **Safer Streets** – new lighting, bike, sidewalk facilities
• **Station Density & Equitable Development** – support new affordable housing development
MAX Tunnel

- **Travel Time Savings** – Improves travel time by 11 to 13 minutes depending on origin/destination
- **Improved Reliability** – On time performance improves from 88% today to 94% with the tunnel
- **Speed** – Trains in the tunnel operate ~20% faster
- **Resiliency** – Offers a critical link to help recover from natural disaster
Montgomery Park Streetcar

- Extension of North/South Line to Montgomery Park office building
- 1.3 miles / 3 stations / 100% off-wire
- New mixed use development
  - Approx. 3,000+ new units of housing including 300+ affordable housing
Future FX projects

TV Highway Transit Project

Critical Fixes, City of Portland
Implementation: 2023-2026
Including better street lighting, new and upgraded crossings, smoother pavement, improved curb ramps, and upgraded traffic signals

Civic Corridor Investment Strategy, City of Portland & Partners
Implementation: 2026-2029
Longer-term safety, transit access, and community investments along 82nd Avenue from Lombard to Clatsop in coordination with the transit improvement project

Key Improvements, ODOT
Implementation: 2023-2029
Key safety and access improvements from Clatsop to Clackamas Town Center

82nd Avenue Transit Project

Portland International Airport
NE Lombard St
NE Fremont St
NE Sandy Blvd
NE Schuyler St
SE Mill St
SE Clatsop St
SE Foster Rd
Multnomah County
Clackamas County
Clackamas Town Center
Climate Action Plan
100% renewable energy

• MAX, our electric buses and all of our facilities are 100% powered by renewable electricity.

• This reduces our greenhouse gas emissions by nearly 24%.

• All electricity we purchase now comes from natural resources such as the sun and wind.
Investing in our fleet

First fully electric bus

All buses began using renewable diesel in 2021
The “Desert Rose”

First 60-foot bus conversion from diesel to battery electric
Goal: Zero-emissions bus fleet by 2040

- 24 more electric buses to be added to fleet in fall 2023
- Can travel between 150 and 200 miles on a single charge
THANK YOU!

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