

# *Vertical Conveyance Program Update*

*Rider Experience and Operations Committee*

*10/19/2022*



# *Why Are We Here*

- Provide an overview of the Vertical Conveyance Program pillars
- Review the Operations and Maintenance practices of Vertical Conveyance assets
- Explain the role of the Vertical Conveyance Team
- Provide an overview of the next steps in our operations and maintenance program



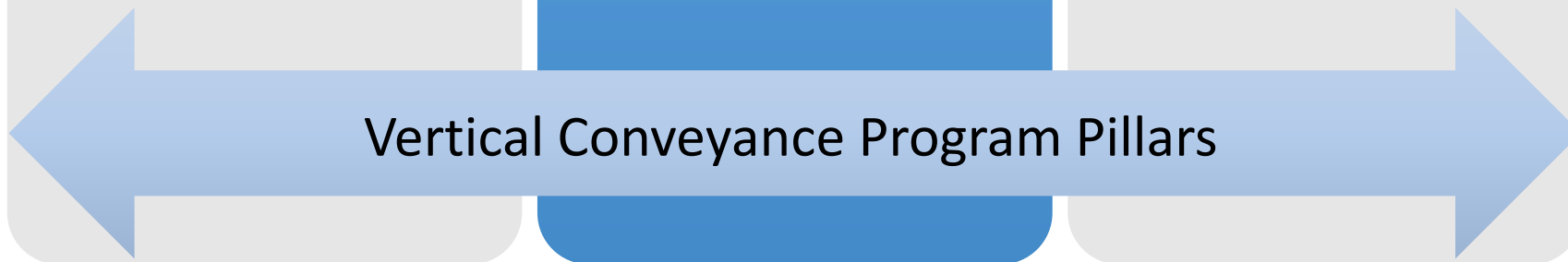
Communications



Operations &  
Maintenance



Replacement  
Program

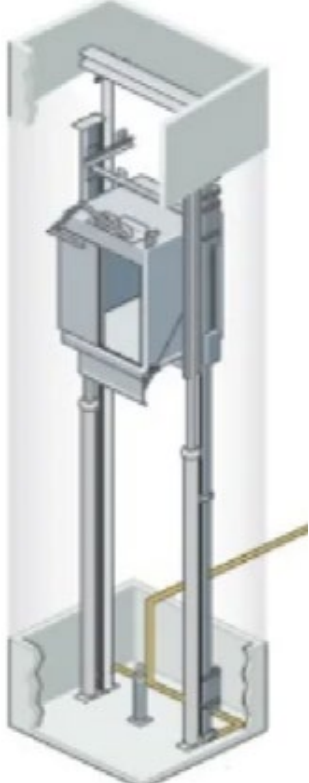


Vertical Conveyance Program Pillars

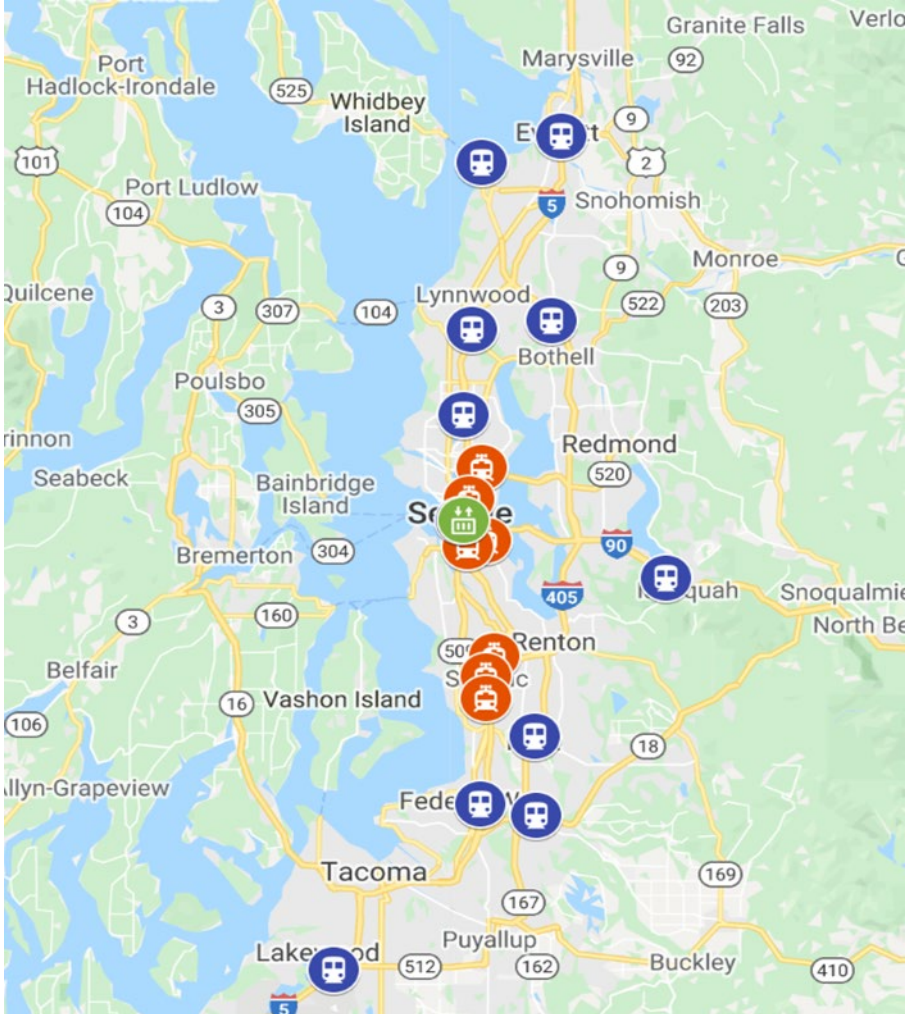
# Current Portfolio



92



101



Spans from Everett to Lakewood – 70 Miles

# Previous Challenges



- Extensive asset outages
- Significant Escalator Outage at UW March 2018
- Negative Passenger experiences & public perception

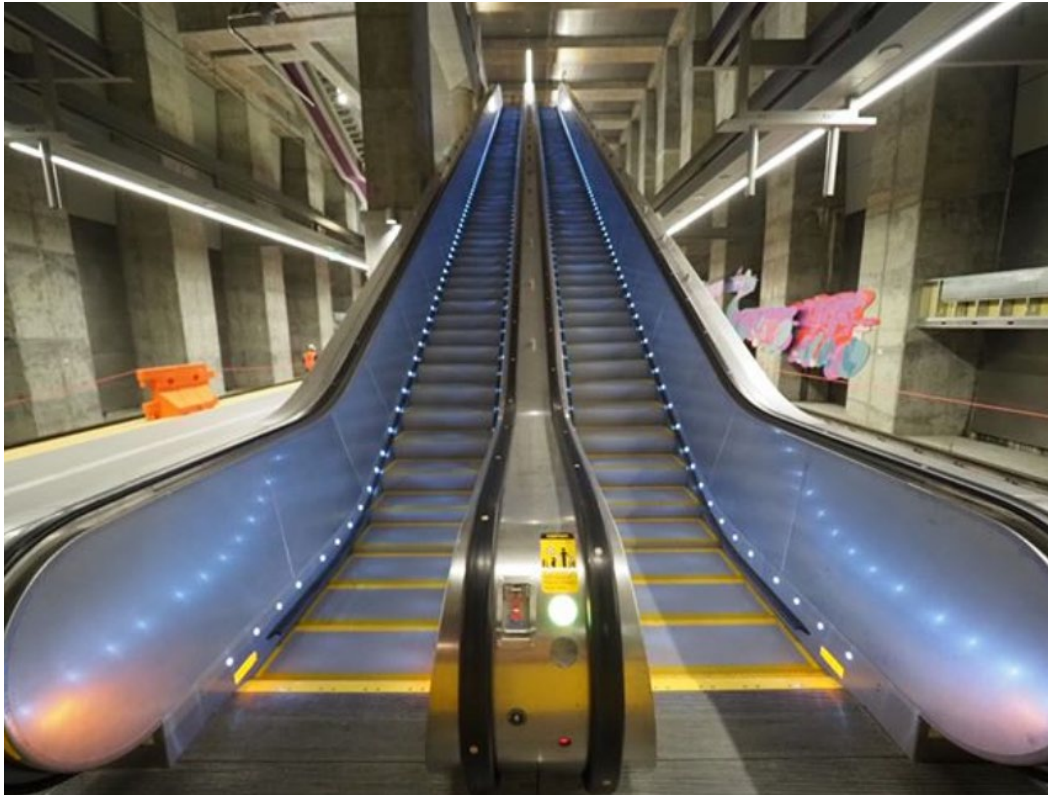


# *Maintenance Strategy*

- State requirements
- Manufacturer recommended tasks
- Spare parts inventory
- Outage response times



# *Operations and Maintenance Challenges*



- Growth of our portfolio
- Quality technicians
- Global supply chain

# *Role of the Vertical Conveyance Team*

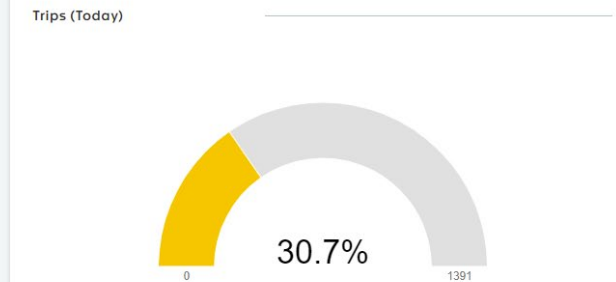
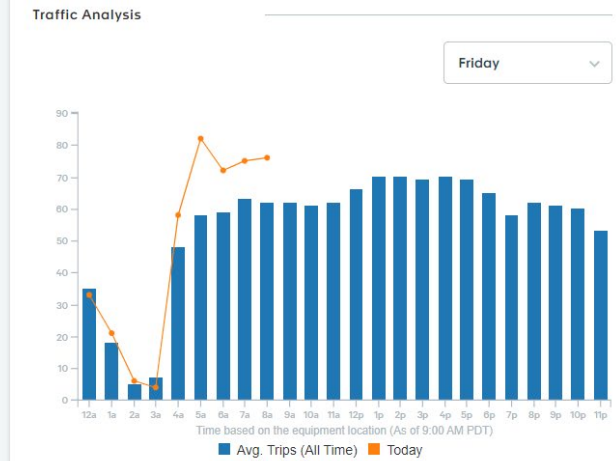
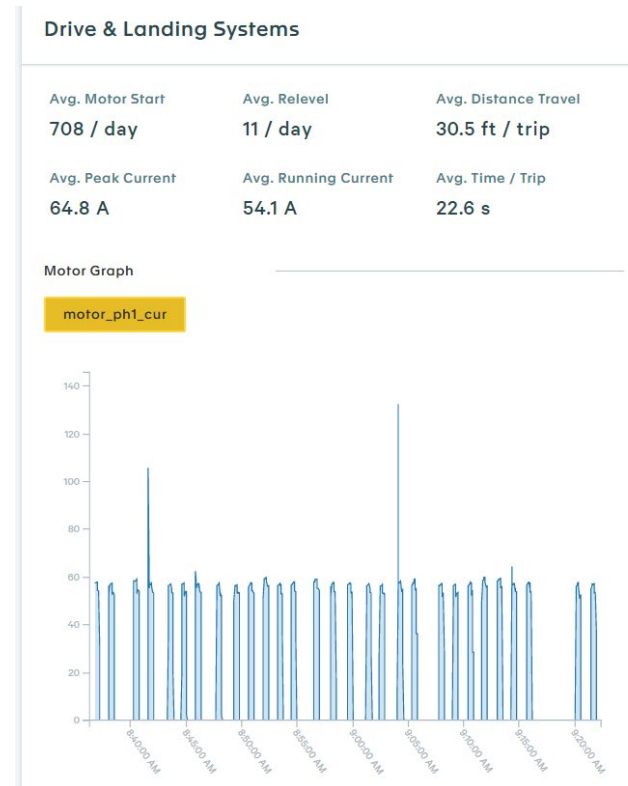


- Communications
- Monthly inspections/Vendor oversight
- Documentation and analysis of asset outages
- Long term planning and replacement



# Future State of Operations & Maintenance

- Live real time equipment monitoring
- Passenger traffic analysis
- Service life metrics of critical components
- Enhanced deep cleaning



*Thank you.*



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