



# Incident Investigation and Review



**Board Briefing  
March 23, 2016**

# Initial Incident Response

- **Level of response based on**
  - Incident Type
  - Severity of Incident
  - Equipment Involved
  - ODOT Safety Oversight Office Requirements (rail only)

# Scene Investigation

- **Incident data collection at scene**
  - Photos
  - Interviews
  - Measurements
  - Vehicle and vehicle controls positions
  - Equipment functionality

# Off Scene Investigation

- **Data collection off scene**
  - Operator and Supervisor reports
  - Location History
  - Vehicle and Wayside CCTV
  - Vehicle Event Recorder
  - Operator History and Training Record
  - Drug and Alcohol Test Results
  - Vehicle and Equipment Maintenance History and Testing

# Internal Incident Review

- **Review by affected departments**
  - Rail Incident Review Committee
  - Bus Incident Review Committee
  - Transit Change and Review Committee
- **Identification of additional data or testing needed**
- **Development of Corrective Action Plan (CAP) to prevent recurrence of incident**

# Corrective Actions Plans

- **Types of corrective actions:**
  - Training and SOP revisions or updates
  - New equipment or existing equipment modifications
  - Enhancements or changes to the rail right of way or bus route or stop
  - Public Outreach and Education
  - Development of projects to address system concerns

# Capital Projects

- Rail Pedestrian Safety Enhancement Projects
  - Multi-year project to update rail crossings
  - New active and passive safety treatments at many locations
  - Prioritized by risk
- Team with adjacent projects to enhance nearby rail crossings

# Capital Projects

- **Rail Pedestrian Safety Enhancement Project Locations:**
  - SW 170<sup>th</sup> in Beaverton
  - SW 185<sup>th</sup> in Beaverton
  - NW Hood Street in Gresham
  - NW Division in Gresham
  - SE 10<sup>th</sup> and Washington in Hillsboro
  - SE 21<sup>st</sup> and Jefferson in Portland
- **Adjacent Projects:**
  - **Gresham Pedestrian/Cycle Path**
    - » Enhanced several MAX crossings
  - **Tualatin Park and Recreation Trail Project**
    - » Enhanced 158<sup>th</sup> and Merlo Road MAX crossing





## Merlo Rd Crossing Before



# Merlo Rd Crossing After



## Division Street Before



## Division Street After