

# Rail Pedestrian Safety Enhancements



# Overview

- **Year-over-year program**
- **Approximately 35 crossings identified**
  - Majority gated crossings
- **Program Sponsor: Safety, Security & Environmental Dept.**
- **Program Delivery: Stations & Guideways Dept.**
- **FY 2017 Budget: \$2.6M**

# Initial Construction Schedule

- **Spring – Summer 2017**
- **First 5 prioritized locations:**
  - SW 170<sup>th</sup> Ave (Beaverton)
  - NW Division St (Gresham)
  - SE 10<sup>th</sup> & Washington (Hillsboro)
  - NE Hood St (Gresham)
  - SW 185<sup>th</sup> Ave (Hillsboro)

# Enhancements

Typical enhancements at gated MAX crossings:

- Realigning sidewalks
- Making crossings more perpendicular to the rail
  - Constructed at 90-degrees
- Installing pedestrian-scale active warning signals & audible devices



# Enhancements

## Typical enhancements at gated MAX crossings:

- Pedestrian channelization
  - Directing pedestrians to safe crossings with pipe barriers
- New signs, striping and ADA tactile strips





Typical existing conditions at a MAX gated crossings



**Enhanced pedestrian crossing**

# Look Ahead

- **Next 5 prioritized locations**
  - NE Main St (Gresham)
  - NE Kelly Ave (Gresham)
  - NE 28<sup>th</sup> Ave (Hillsboro)
  - E 97<sup>th</sup> & Burnside
  - SW Merlo Rd/158<sup>th</sup>
    - West side only
- **Design: Winter 2017**
- **Projected construction: Fall 2017 – Winter 2018**



*Conceptual design off E 97<sup>th</sup> & Burnside crossing*