



East Multnomah County

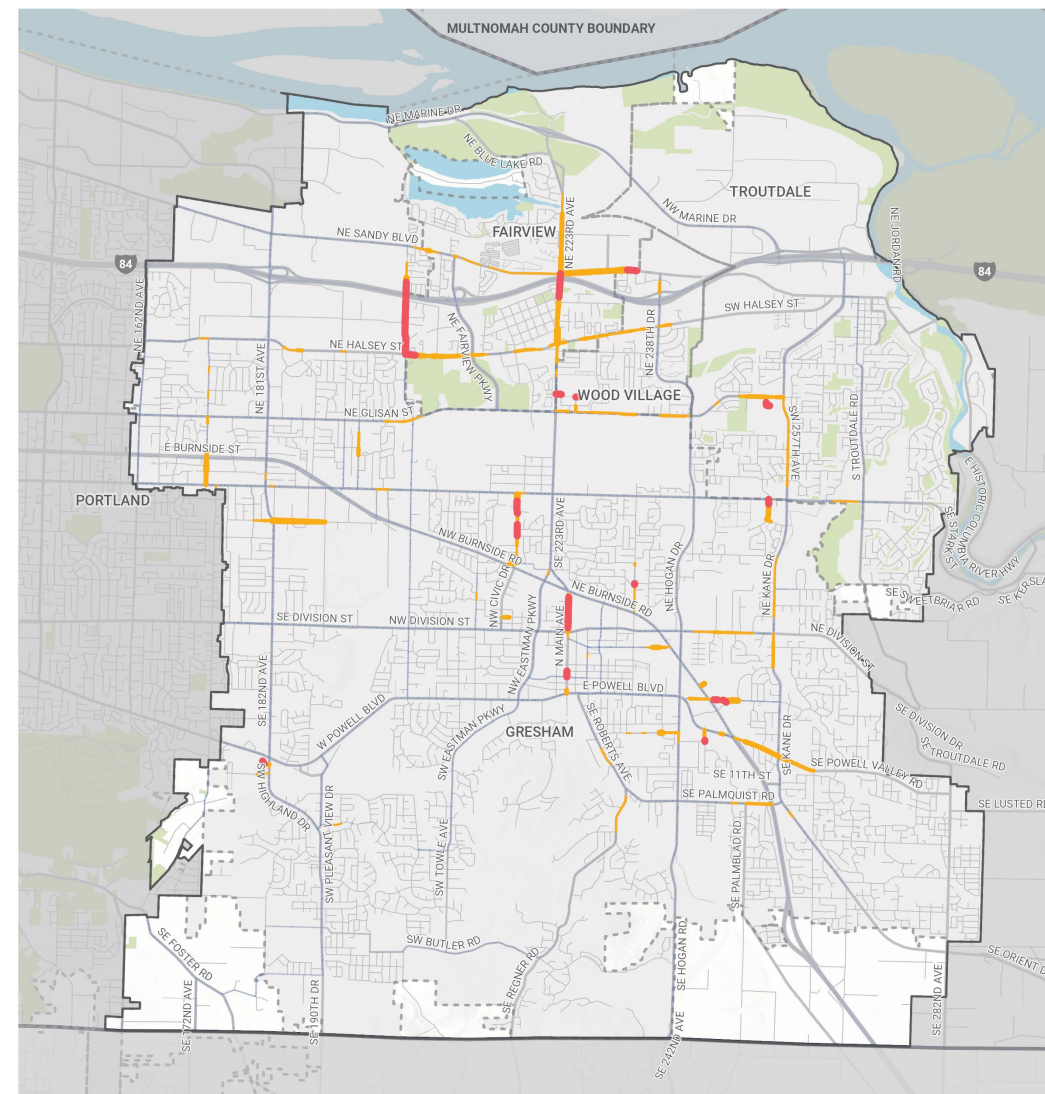
Transportation Safety Action Plan

January 8, 2025

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Proposed Additional Analyses

- **Travel pattern equity analysis**
Map travel patterns of low-income travelers (80% or below of the Area Median Income) in the study area.
- **Speed data analysis**
Compare observed speeds from Replica data with posted speed limits to analyze speed differentials.
- **Mid-block crossing analysis**
Create a map or heatmap showing pedestrian crashes that did not occur at an intersection when the pedestrian was in the roadway, flagging locations where there may be mid-block crossing needs.
- **Lighting analysis**
Create a heat map from pedestrian injury crashes after dark, with or without streetlights, to show where pedestrian scale lighting should be improved.
- **Dig into the temporal map trends**
Pick two locations where crashes are increasing over time, and look at these qualitatively to understand the full story of what is happening in these areas.



EQUITY AND NETWORK USE

MULTNOMAH COUNTY TSAP

LEGEND
Percent Active Transportation of Low-Income Population (>1,000 auto volume segments)

- 11% - 34%
- 6% - 10%
- 0% - 5%

DESTINATIONS + BOUNDARIES

- City Limits
- Parks + Open Space
- Project Area Boundary



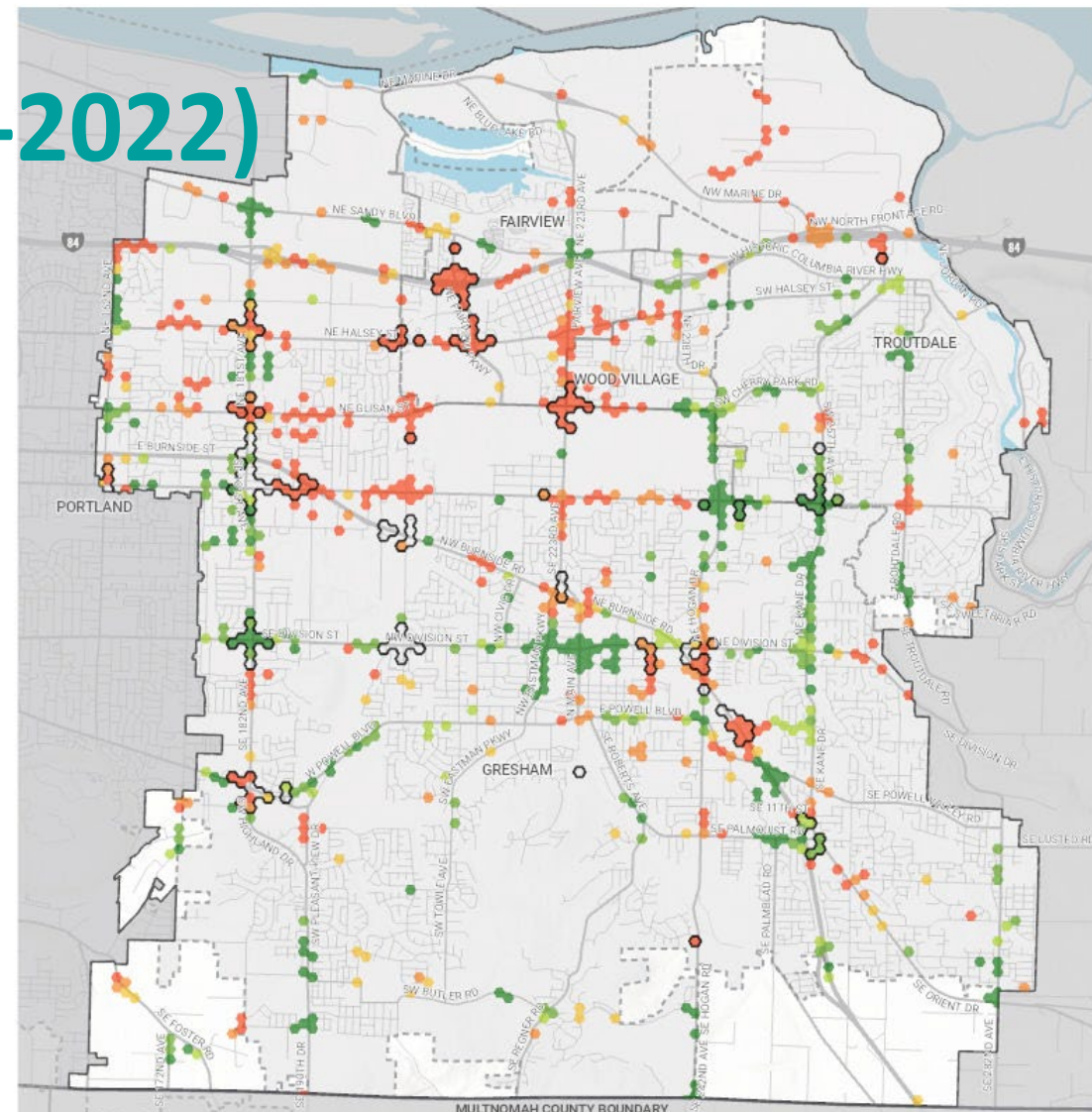
Temporal Crash Trends (2013-2022)

Legend

- **Red:** upward trend of number of crashes at that location over time
- **Green:** downward trend of crashes at that location over time
- **Black outline:** hot spots that consistently have a high number of crashes over time

Trends

- Crashes have increased over time in the communities of Wood Village and Fairview.
- Crashes have increased over time at the intersections of NE Burnside Road & NE Division Street and SE 181st Ave & SE Stark Street.
- Crashes have decreased over time in the community of Troutdale and along Division Street.



TEMPORAL CRASH
HOTSPOT & TREND
BIN ANALYSIS
(2013-2022)

EAST MULTNOMAH COUNTY
TSAP

RESULTS*

Identified Hotspots

Trend Bin Results

- Downward Trend (99% Confidence)
- Downward Trend (95% Confidence)
- Downward Trend (90% Confidence)
- Upward Trend (90% Confidence)
- Upward Trend (95% Confidence)
- Upward Trend (99% Confidence)

DESTINATIONS + BOUNDARIES

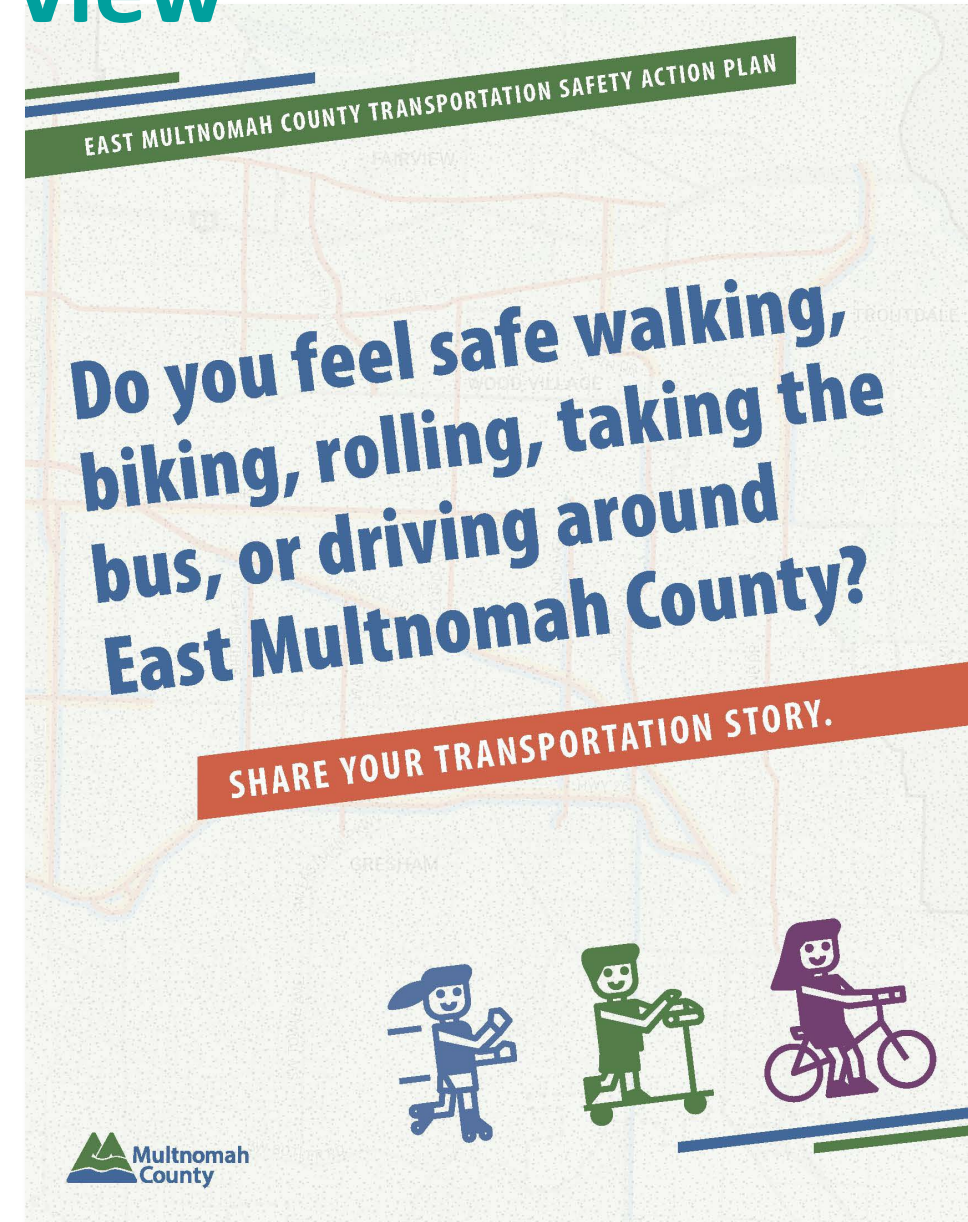
- City Limits
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* Hotspots and trend bins were assembled using a space time cube with a time interval of 2 months comparing crashes on a yearly basis. Hotspots only

Phase II Engagement Overview

- Purpose:
 - Request community feedback on project and program recommendations, with clear connections to public priorities from Phase 1.
- Activities:
 - Virtual Open House in English, Spanish, Chinese, Vietnamese, Russian, and Ukrainian.
 - Key Partner Presentations, Listening Sessions, and Interviews
 - Broad communication and promotion through social media, postcards, flyers, etc.
 - Mobile Outreach as Existing Events (County staffed events)



Project Timeline

EAST MULTNOMAH COUNTY TRANSPORTATION SAFETY ACTION PLAN TIMELINE



Phase 1: Listen & Learn

Jun - Nov 2024

**Community Storytelling +
Policy and Safety Analysis**



Phase 2: Reflect & Dive In

Mar - Apr 2025

**Develop and
Share Transportation
Safety Improvement
Recommendations**



Phase 3: Refine

Jul - Aug 2025

Prepare Draft Plan



Final Plan Complete

Oct 2025



Next Steps

- Publish Phase 1 Engagement Summary (Winter)
- Define and Complete Additional Analysis Topics (Winter)
- Goal setting (Spring)
- Begin Strategy and Project Selections (Winter/Spring)
- Phase II Engagement (Spring)

Thank you!