

At Grade Crossings Program Update

Rider Experience and Operations Committee

9/3/2026



Purpose

Why we are here

Today we will provide an update on **At-Grade Crossings safety trends** and active projects and initiatives.

This presentation is for information only.



Background

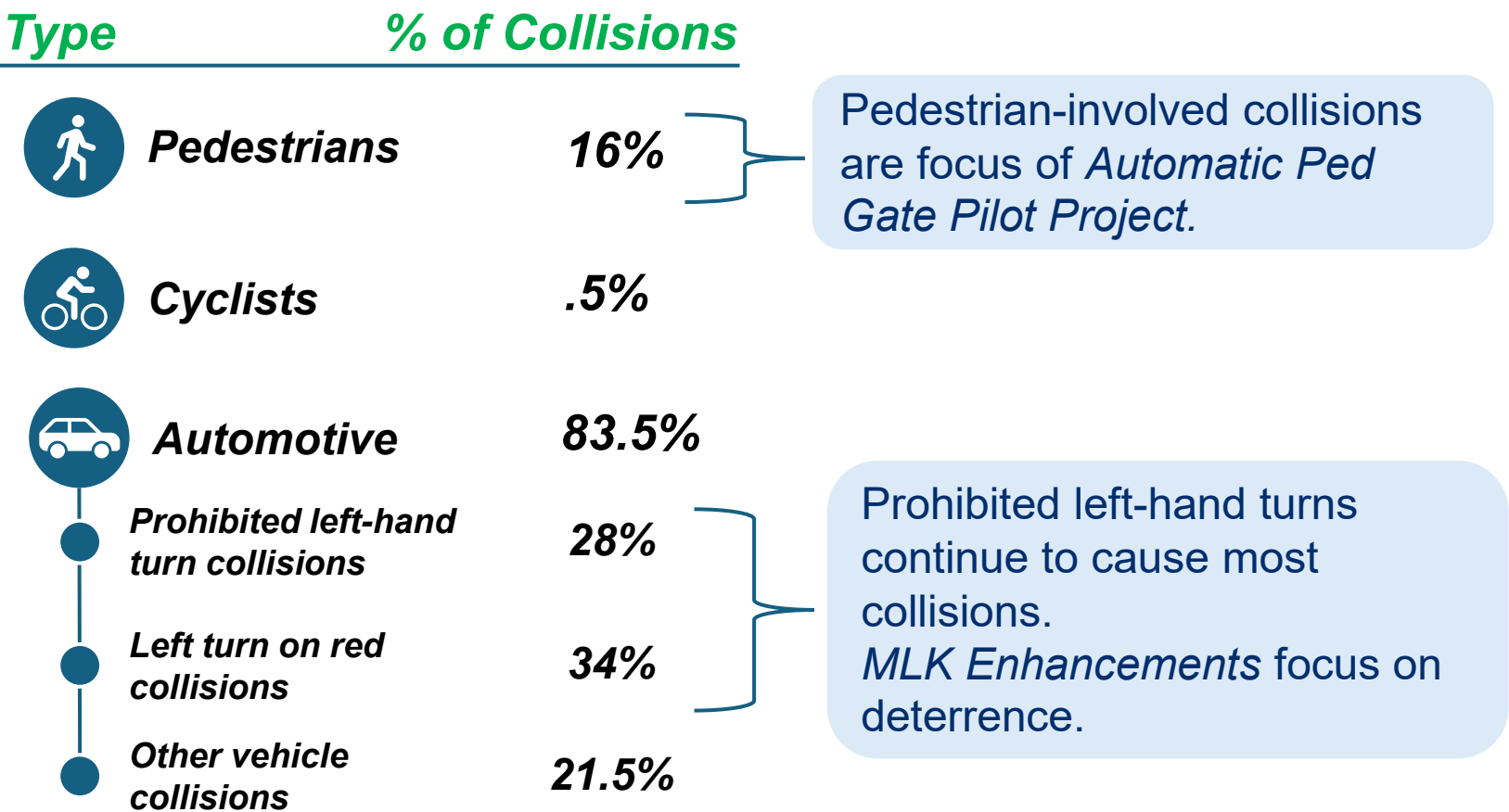
Board Resolution No. R2025-11

- Reinforced the importance of enhancing safety designated at-grade crossings and accelerating project delivery.
- Adopted the 2025-2029 At-Grade Crossings (AGC) Master Plan.
- Expanded the program to address grade crossings systemwide, with an emphasis on Rainier Valley.



Safety data trends

Automotives are involved in most collisions with Link light rail in the Rainier Valley.



% of Collisions is calculated by dividing the number of collisions for each type by the total number of collisions.

Source: Sound Transit
Collision Data 2009-May 2026

Safety data trends

These intersections in the Rainier Valley experience the most collisions with Link light rail. Projects shown in slide 10 intend to lower the number of events.

<u>Intersection</u>	<u>% of Collisions</u>
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Dawson	11%
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Graham	10%
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Kenyon	9%
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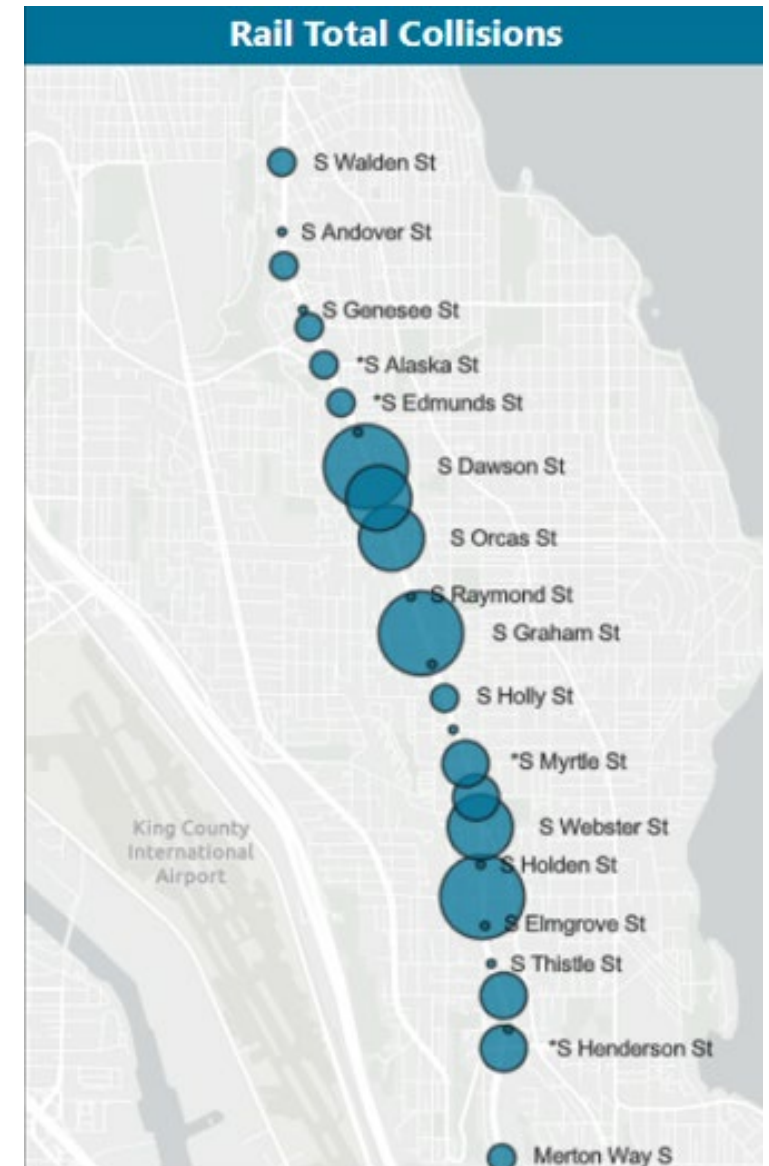
Othello	5%
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Webster	7%
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Henderson	4%
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% of Collisions is calculated by dividing the number of collisions that occurred at each intersection by the total number of collisions.

Source: Sound Transit Collision Data 2009-May 2026



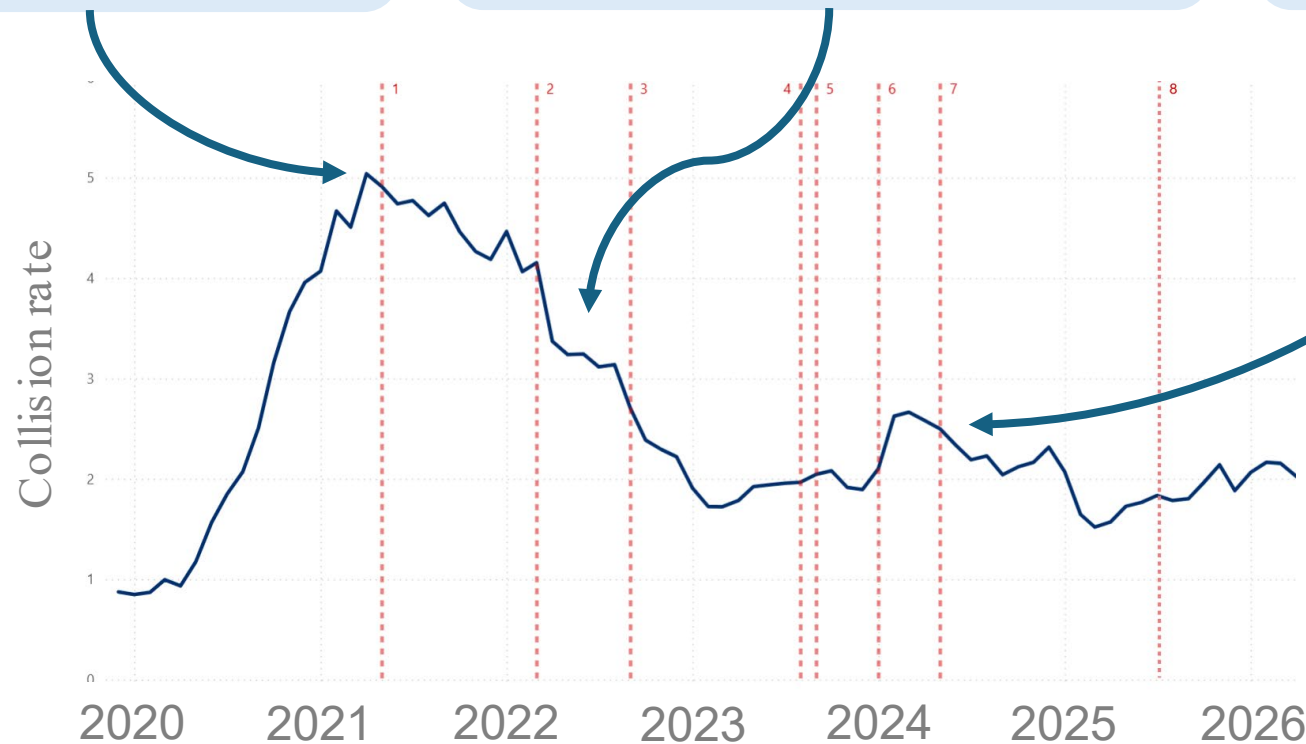
Safety data trends

Data trends show that over time safety initiatives are helping decrease the rate of collisions in the Rainier Valley.

Incidents peaked in 2021 after COVID service reduction

Steady decrease in incidents after installing No Left Turn flashing signs and increasing train bell volume

Lower variable trend with added pavement markers and signage



Orange lines correspond to project completion dates

- 1 Jun-21**
RXR pavement markings in left turn pockets
- 2 Mar-22**
LED flashing 'No Left Turn' signs
- 3 Oct-22**
Increased volume of train bells
- 4 Aug-23**
Leading pedestrian intervals

- 5 Sep-23**
 - LED flashing 'Another Train Coming' signs at station intersections
 - 'LOOK' pavement markings
 - Corridor pavement markings refresh
- 6 Jan-24**
Other signage updates
- 7 May-24**
Retroreflective tape added to signal heads
- 8 July-25**
Dynamic envelope pavement marking at four intersections

Source: Sound Transit Collision Data 2020-May 2026

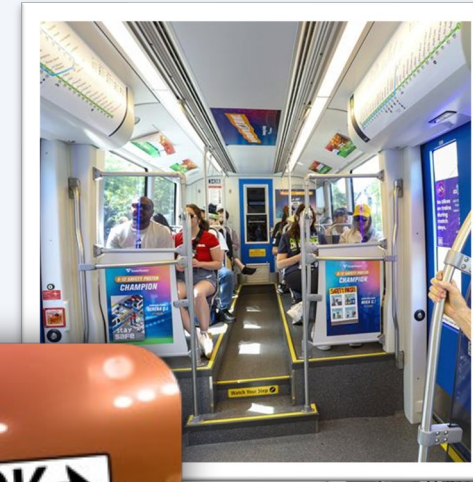
2026 program highlights to date



Building awareness and promoting safe behaviors through community engagement



Youth Poster Contest Gallery event



World Cup in-train ads

LOOK ➔ *out for each other*

 **SOUNDTRANSIT**
At-Grade Crossings

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At-Grade Crossing active project updates

	Project	Status	Next Step	Finish
1	Royal Brougham Pedestrian Gates	100% Design	IFB Q4 2026	2028
1	MLK Enhancements	In Planning	Design Q4 2026	2029
1	Automatic Ped Gates Pilot Rainier Valley	In Design	SDOT Ongoing Coordination	2030
	Alternating (WigWag) Headlights	In Execution	Install Ongoing	2028



At-Grade Crossing initiatives

<i>Project</i>	<i>Status</i>	<i>Next Step</i>	<i>Target Finish</i>
1 SMART Grant: Rainier Valley Safe Project Pilot	COMPLETE	n/a	2026
T T Line Standards Development	In Planning	Onboard consultant Q3 2026	2027
S Lakewood Subdivision Planning	In Planning	Onboard consultant Q3 2026	2027



Upcoming

- Equitable community engagement planning to make sure the community continues having input into these projects
- Continued coordination with SDOT to complete design and installation of projects in Seattle
- Kickoff standards planning work in Tacoma and Lakewood
- Next quarterly update to the Board on the At-Grade Crossing Program

Thank you.



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