

5-Year MO Repaving List Leverage Opportunities



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PBOT
PORTLAND BUREAU OF TRANSPORTATION

MO Repaving Program Overview

- PBOT Maintenance Operations (MO) repaves streets throughout Portland every year to **prevent deterioration** and keep them in good repair
 - “Keep good streets good”
- Primary type of repaving is a relatively low-cost **2-inch grind and inlay**
 - If repaving is delayed too long, road can pass the “tipping point”
 - Deeper repaving work is typically contracted out and more expensive
- Projects always include **curb ramp upgrades** to meet ADA standards
 - Opportunities to make minor adjustments to curbs and **add crossings** at a much lower cost than normal since ADA ramps are usually needed
- Projects also include **basic restriping** on top of the fresh pavement, **parking setbacks** to improve visibility, and **high-visibility crosswalks**
 - Opportunities for striping changes such as lane reallocations, adding center turn lanes, narrowing travel lanes, marking new crosswalks, etc

MO Repaving Program Overview

- **Multimodal enhancements** like sidewalks or crossings can be considered, but must be provided to MO several months in advance and any additional costs beyond simple restriping must be funded separately
- MO recently developed a **5-year paving list** for the first time, allowing us more time to plan and develop leverage projects and do public outreach
- List is always **subject to change**, and does change very frequently due to various circumstances
- Given **limited PBOT funding and staff capacity**, we must prioritize projects carefully and work within the limits of a “pave & paint” project
- Most important thing with a repaving project is to **claim the space** and get the seams in the right place—permanent upgrades can come later

Recent Repaving Leverage Examples

- SE Hawthorne Blvd
 - With “pave & paint” project, we reallocated from four to three lanes, added median island crossings at regular intervals to fill crossing gaps, marked high-visibility crosswalks at traffic signals, implemented parking setbacks, and improved lighting at the new crossings



Recent Repaving Leverage Examples

- NE Fremont St
 - When a long stretch of Fremont was repaved, we added marked crosswalks to fill in all the identified gaps along the corridor, implemented parking setbacks, and marked high-visibility crosswalks at traffic signals



5-Year Repaving List Highlights: 2023

- Not enough time for projects with major trade-offs that have not already had planning and public outreach
- These projects are already funded and in design
- NE 33rd Ave: Brazee to Liberty
 - Rebuilding some median refuge islands and marking crosswalks
 - Daylighting intersections at uncontrolled intersections
- SE Stark St: 86th to 117th and SE Washington St: 82nd to Stark
 - Coordinating with funded capital projects to add enhanced crossings and signal modifications along with repaving

5-Year Repaving List Highlights: 2024

- NE Broadway: 11th Ave to 24th Ave
 - Opportunity to repurpose a travel lane for parking-protected bike lane, add pedestrian islands, and add enhanced crossings at unsignalized intersections to fill Tier 3 crossing gaps



5-Year Repaving List Highlights: 2024

- NE Weidler St: 15th to 20th
 - Opportunity to add enhanced crossings at unsignalized intersections to fill Tier 3 and 4 crossing gaps



5-Year Repaving List Highlights: 2024

- SE 52nd Ave: Flavel St to Duke St
 - Opportunity to improve existing enhanced crossings, add new enhanced crossings (Tier 4 gaps), and do sidewalk infill behind existing curb (Tier 4 gaps)



5-Year Repaving List Highlights: 2024

- NE Halsey St: 119th Ave to 132nd Ave
 - Opportunity to add median refuge islands to reduce crossing distance and allow two-stage crossings at Tier 2 crossing gaps
 - However, without significant funding we would not be able to mark the crosswalks because they would require signals or beacons



5-Year Repaving List Highlights: 2024

- NE 122nd Ave: Glisan St to Broadway
 - Opportunity to implement enhanced crossings prioritized in the 122nd Ave Plan, filling Tier 1 and 2 crossing gaps



5-Year Repaving List Highlights: 2025

- SE Madison St: 6th Ave to 12th Ave
 - Opportunity to fill long crossing gap in high-pedestrian area by adding an enhanced crossing at SE 9th Ave (Tier 3 gap)
 - Opportunity to improve pedestrian environment at difficult-to-navigate SE 12th Ave intersection



5-Year Repaving List Highlights: 2025

- SE 11th Ave: Caruthers St to Mill St
 - Opportunity to add enhanced crossings to fill identified Tier 3 crossing gaps



5-Year Repaving List Highlights: 2025

- NE Glisan St: 84th Ave to I-205
 - Opportunity to add median refuge islands to reduce crossing distance and allow two-stage crossings at Tier 2 crossing gaps
 - If outer lanes are repurposed for bike lanes as envisioned in EPASS, reduced crossing distance may allow crosswalks to be marked without needing signals or beacons



5-Year Repaving List Highlights: 2025

- N Portsmouth Ave: Lombard St to Willamette Blvd
 - Opportunity to add enhanced crossings with median refuge islands to fill identified Tier 4 gaps along the corridor
 - Planning underway through North Portland in Motion



5-Year Repaving List Highlights: 2025

- N Willamette Blvd: Carey Blvd to Portsmouth Ave
 - Opportunity for early implementation of Tier 4 crossings that are included in federal RFFA grant for Willamette Blvd
 - Planning underway through North Portland in Motion



5-Year Repaving List Highlights: 2026

- NE Sandy Blvd: 14th to 27th
 - Opportunity for a lane reconfiguration, potentially adding a center turn lane that could have planted medians and median refuge islands to fill Tier 2 crossing gaps
 - New crosswalks could be marked without signals or beacons if lanes are reconfigured and median refuge islands added
 - Opportunity to improve some identified Tier 4 and 5 deficient crossings



5-Year Repaving List Highlights: 2026

- NE Sandy Blvd: 40th Ave to 46th Ave
 - Opportunity to mark high-visibility crosswalks at signals and improve identified Tier 2 deficient crossing



5-Year Repaving List Highlights: 2026

- SE Morrison St: Grand Ave to 13th Ave
 - Opportunity to implement Central City in Motion project to add transit islands to separate bus and bike movements
 - Opportunity to fill long Tier 2 crossing gap in high-pedestrian area by adding an enhanced crossing at SE 9th Ave



5-Year Repaving List Highlights: 2027

- SE Milwaukie Ave: Bush St to Powell Blvd
 - Opportunity to fill identified Tier 4 crossing gaps along this corridor



Next Steps

- Design and implement 2023 projects (already scoped and funded)
- Determine which paving leverage opportunities to pursue in the out years, taking into account staff capacity and available funding
- Move into project development and public outreach phase in early 2023 for 2024 repaving projects
- Put together a multi-year schedule for planning and project development for repaving leverage projects in 2025 and beyond to build a work program

Contact Information

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