

# SIX-YEAR TRANSPORTATION IMPROVEMENT PROGRAM

## Project Descriptions (2025-2030)

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### ***[90.25.001] - Residential Street Resurfacing***

Historically, this program consists of hot mix asphalt (HMA) overlays on an average of 1.0 mile of residential streets annually. The HMA overlay program began in 1989. Prior to that, the City's primary pavement resurfacing program was chip sealing and slurry sealing. In 2011, the City returned to using chip sealing (on a limited basis) as another tool for street pavement preservation. To date, chip seal projects have been performed in 2011, 2013, and 2018. The Residential Street Preservation Program also improves about one substandard street per biennium, as the need arises.

The City's pavement condition data is an integral part of determining the locations and schedule of future residential street asphalt overlays and chip seal work. Pavement Condition Index (PCI) data was collected in 2013, 2016, 2019 and 2022 and is planned again for collection in 2025. When PCI falls below a score of 70, staff considers a roadway for resurfacing. For roadways with resurfacing needs that also have pending utility work (storm drainage, new water main, etc.), these roadways are typically scheduled for paving in the years following completion of that major utility work. The timing and limits of residential street resurfacing work in future TIPs may change, as determined by updated pavement condition information.

Some of the residential roadways planned for future HMA repaving are listed below. Other roadways may be added or the timing of these streets below may change based on when and where water main construction, storm drainage construction, franchise utility work, and major housing projects occur.

- In 2025, the neighborhood streets comprised of portions of SE 47<sup>th</sup> Street, 84<sup>th</sup> Avenue, and 86<sup>th</sup> Avenue, lying west of Island Crest Way will be repaved. These roadway PCI ratings range from Fair to Very Poor. Additionally, portions of 66<sup>th</sup>, 71<sup>st</sup>, and 74<sup>th</sup> Avenues in the First Hill neighborhood will be repaved. These roadway PCI ratings are in the Fair range. Also, 88<sup>th</sup> Avenue from Island Crest Way to the north will be paved. The PCI rating for this street is Very Poor.
- In 2026 the residential streets of SE 80<sup>th</sup> and SE 82<sup>nd</sup> Streets in the neighborhood of Island Point and several streets in the First Hill neighborhood, including portions 70<sup>th</sup>, and 74<sup>th</sup> Avenues are planned for repaving. These roadway PCI ratings are in the Fair to Very Poor range. Additionally, residential paving will occur in the Mercerwood neighborhood on 93<sup>rd</sup> and 94<sup>th</sup> Avenues.
- In 2027, likely residential paving work will occur in the Mercerwood neighborhood on portions of 95<sup>th</sup>, 96<sup>th</sup>, and 97<sup>th</sup> Avenues, following watermain replacement work.
- In 2028, the neighborhood streets of SE 60<sup>th</sup> and SE 61<sup>st</sup> Streets and 90<sup>th</sup>, 92<sup>nd</sup>, 93<sup>rd</sup>, and 94<sup>th</sup> Avenues (east of Island Crest Way) are planned for repaving. PCI's of these roads are in the Fair to Very Poor range.

- In 2029, potential residential streets include SE 72<sup>nd</sup> Place, 91<sup>st</sup> Ave SE, 91<sup>st</sup> Place SE and 92<sup>nd</sup> Place SE. These roadways have current PCI ratings in the Fair to Very Poor ranges.
- In 2030 the residential streets of SE 58<sup>th</sup> and SE 59<sup>th</sup> Streets and 91<sup>st</sup> Avenue (lying east of Island Crest Way) are planned for paving. These roadways have current PCI ratings in the Fair range.

### ***Arterial Street Improvements***

- **[90.25.0002] Arterial Preservation Program** work continues annually. The purpose of this program is to extend the life of arterial streets proactively, by repairing isolated pavement failure areas through crack sealing, square cut patching, and grinding and repaving of full-lane-width segments. Crack sealing extends the life of existing pavements by sealing out water intrusion.
- **[90.25.0008] Gallagher Hill Road (SE 36<sup>th</sup> Street to SE 40<sup>th</sup> Street)** is proposed for resurfacing with an HMA overlay in 2027 after water main replacements. Last repaved in 1988, Gallagher Hill Road's current PCI rating is in the Fair range and staff believes that by 2027 its rating will decline to Poor.
- **[90.25.0010] SE 40<sup>th</sup> Street (88<sup>th</sup> Avenue SE to 93<sup>rd</sup> Avenue SE).** This project will resurface SE 40<sup>th</sup> Street with a grind and HMA overlay process. It is planned for 2027, after completion of nearby water main replacement projects. Paving will be coupled with the SE 40<sup>th</sup> Street sidewalk improvements from Gallagher Hill Road to 93<sup>rd</sup> Avenue SE [90.25.0006]. Sidewalks and bike lanes between 88<sup>th</sup> Avenue SE and Gallagher Hill Road were constructed in 2018.
- **[90.25.0014] SE 27<sup>th</sup> Street (76<sup>th</sup> Avenue SE to 80<sup>th</sup> Avenue SE)** will resurface SE 27<sup>th</sup> Street from 76<sup>th</sup> Avenue to 80<sup>th</sup> Avenue in the Town Center with a grind and HMA overlay of the existing roadway in 2026. This roadway was last resurfaced in 1994 and its current PCI is in the Fair range.
- **[90.25.0015] North Mercer Way (8400 Block to SE 35<sup>th</sup> Street).** This project will resurface North Mercer Way with an HMA overlay in 2026. Work will also include sidewalk repairs for ADA compliance and resurfacing of nearby SE 26<sup>th</sup> Street (Island Crest Way to 84<sup>th</sup> Avenue). This portion of North Mercer was last repaved in 1994 by WSDOT at the end of the I-90 freeway construction. While its PCI ratings are in the Satisfactory and Fair ranges, staff believes PCI's will drop into the Poor range by 2026, after completion of the King County North Mercer Interceptor Sewer pipeline project.
- **[90.25.0017] 76<sup>th</sup> Avenue SE and North Mercer Way.** This new project will resurface the intersection of North Mercer Way and 76<sup>th</sup> Avenue SE at the westbound I-90 on ramp and North Mercer Way to SE 22<sup>nd</sup> Street with a grind and hot mix asphalt overlay. The intersection is nearing the end of its pavement life. The upcoming Sound Transit traffic signal project will impact this intersection with utility cuts. It will need resurfacing after completion of the signal project and is therefore planned for 2026. Current PCI ratings are in the Poor range.

- **[90.25.0019] East Mercer Way (SE 36<sup>th</sup> Street to SE 40<sup>th</sup> Street).** This project will resurface this portion of East Mercer Way with a HMA overlay in 2028, with design planned in 2027. Last repaved in the mid-1980's by WSDOT, this roadway's current PCI is in the low Satisfactory range and staff believes it will drop to Fair or Poor by 2027.
- **[90.25.0021] West Mercer Way (SE 56<sup>th</sup> Street to East Mercer Way)** is planned for resurfacing in 2028 with an HMA overlay. This roadway was last repaved in 1995 with an HMA overlay. Its current PCI's are in the Fair to Satisfactory range and its condition will continue to slowly decline. Patching and crack sealing have both been performed in recent years. The actual timeframe for repaving could be later, based on future PCI data.
- **[90.25.0023] SE 36<sup>th</sup> Street (Gallagher Hill Road to East Mercer Way).** This project will resurface SE 36<sup>th</sup> Street with an HMA overlay in 2028. This roadway was rebuilt in the mid 1980's by WSDOT as part of the I-90 freeway improvements. Its current PCI rating is Fair; but is expected to decline further in the coming years. This pavement has performed well, but will be over 40 years old in 2028, and will need resurfacing. Project elements will also include sidewalk repairs for ADA compliance.
- **[90.25.0026] 78<sup>th</sup> Avenue SE (SE 40<sup>th</sup> Street to West Mercer Way)** will resurface this portion of 78<sup>th</sup> Ave SE with a HMA overlay in 2029. Last repaved in 2001, this roadway's current PCI is in the Fair range. The overlay project will be tied to the 78<sup>th</sup> Ave SE sidewalk improvements project [90.25.0029], also proposed for 2029.
- **[90.25.0027] SE 24<sup>th</sup> Street (72<sup>nd</sup> Avenue SE to 76<sup>th</sup> Avenue SE)** will resurface this portion of SE 24<sup>th</sup> Street with a HMA overlay in 2029. Last repaved in 1993, this roadway's current PCI is in the Fair range but is expected to decline further in the coming years. Project limits could increase based on future pavement conditions. This project will be tied to the SE 24<sup>th</sup> sidewalk improvements project [90.25.0028] also proposed for 2029.
- **[90.25.0033] West Mercer Way (I-90 to SE 24<sup>th</sup> Street and SE 28<sup>th</sup> to SE 32<sup>nd</sup> Streets)** will resurface portions of West Mercer Way with a HMA overlay in 2030, with design planned in 2029. These sections of roadway were last resurfaced in 1994, 2003, and 2013. While current PCI's are in the Satisfactory and Fair ranges, staff believe this area of West Mercer Way will be in need of resurfacing by 2030. Future PCI data in 2025 may revise this future project's limits.

### ***Pedestrian and Bicycle Facilities – New***

- **[90.25.0003] ADA Transition Plan Implementation** is an annual program to design and construct spot improvements to pedestrian facilities citywide to meet compliance standards established by the Americans with Disabilities Act (ADA) and documented in the City's ADA Transition Plan. ADA upgrades will be focused in Town Center, then expand throughout the City.
- **[90.25.0004] Minor Capital – Traffic Operations Improvements** is an annual program to provide minor capital transportation improvements City-wide to address traffic operations issues and concerns. Typical projects include upgrading signs to new mandated standards, channelization modifications or improvements, roadway safety improvements, upgrading traffic signals for increased efficiency and safety, and new or revised street lighting. It may also fund traffic data collection or City contributions to grants.

- **[90.25.0005] PBF Plan Implementation** is an annual program to identify, prioritize, design and construct small spot improvements and gap completion projects to pedestrian and bicycle facilities citywide as identified in the PBF Plan. Specific projects for this program have not yet been identified or prioritized for construction. Additional pedestrian and bicycle facility projects, besides those listed in the PBF Plan, may be considered if the goals of the PBF Plan are met.
- **[90.25.0006] SE 40<sup>th</sup> Street Sidewalk Improvements (Gallagher Hill Road to 93<sup>rd</sup> Avenue SE)**. This project will replace sidewalks and create bike lanes on SE 40th Street from Gallagher Hill Road to 93rd Avenue SE in conjunction with repaving of the roadway [90.25.0010] following water main installation. Work will include constructing new curbs, gutters, and sidewalks along both sides of the roadway; minor drainage improvements; landscaping; and new pavement markings. Construction is planned for 2027. City staff applied to WSDOT's Safe Routes to School grant for the 2023-2025 biennium but funds were not awarded.
- **[90.25.0007] 78<sup>th</sup> Avenue SE Sidewalk Improvements (SE 32<sup>nd</sup> Street to SE 34<sup>th</sup> Street)**. This project will reconstruct curbs, sidewalks, and ADA ramps, and replace street trees along the east side of 78th Avenue SE from SE 32nd to SE 34th Streets. It will also replace street lighting on both sides of the street and address tree root damage along the west side of the street (minor storm and water system repairs may be needed). Construction is planned for 2026 following Mercerdale Sewer Upsizing.
- **[90.25.0009] Gallagher Hill Road Sidewalk Improvements (SE 36<sup>th</sup> Street to SE 40th Street)**. This project will construct a new sidewalk along the downhill side of Gallagher Hill Road between SE 36th and SE 40th Streets following water main installation. Work will include installing new curbs, gutters, sidewalks, and storm drainage. Construction is planned for 2027.
- **[90.255.0011] SE 32<sup>nd</sup> Street Sidewalk Improvements (77<sup>th</sup> Avenue SE to 78<sup>th</sup> Avenue SE)**. This project will replace the sidewalk, ADA ramps, and street trees on the southside of SE 32nd Street between 77th and 78th Avenues with a planter cell design that will allow space for new street trees to mature without damaging the sidewalk. It will also evaluate and update street lighting on both sides of the street where needed. Minor storm drainage repairs and minor water system improvements will also be constructed as needed. Construction is planned for 2026 following Mercerdale Sewer Upsizing.
- **[90.25.0012] 76<sup>th</sup> Avenue SE Mid-Block Crossing (SE 27<sup>th</sup> Street)**. The project location is on the curve between 76th Avenue SE and SE 27th Street in Town Center at the existing mid-block crosswalk. Enhancements to the existing facility include a new center median, rectangular rapid-flashing beacon (RRFB), and ADA curb ramps. Construction is planned for 2026.
- **[90.25.0016] East Mercer Way Roadside Shoulders - Phase 11 (SE 79<sup>th</sup> Street to 8400 block)**. This project will create a new paved shoulder from SE 79<sup>th</sup> Street to the 8400 block. This is the final phase of the Mercer Way Roadside Shoulder Improvement projects and will remove the last gap in pedestrian and bicycle facilities along East Mercer Way's entire 4.8-mile length. Construction is planned for 2026.

- **[90.25.0020] 81<sup>st</sup> Avenue SE Sidewalk Improvements (North Mercer Way to SE 24<sup>th</sup> Street).** This project proposes to reconstruct concrete curb, gutter, sidewalk and ADA ramps along the east side of 81<sup>st</sup> Avenue SE to provide a safe walk route to the park and ride as well as to the new Sound Transit station and is planned for 2027.
- **[90.25.0022] 77<sup>th</sup> Avenue SE Channelization (SE 32<sup>nd</sup> Street to North Mercer Way).** The scope is consistent with the current Town Center street standards described in MICC 19.11.120. The 2022 Town Center Parking Study adopted by [AB6369](#) recommends studying options for street reconfiguration on 77th Avenue SE as a good candidate but no specific design or timeframe was recommended. The City Council directed staff in Exhibit 2, log #2 of [AB6369](#) (Summary of Discussion Items + Follow Up Actions) to adjust the scope of this project if the Council ultimately decides to pursue an alternative design option in the future. This project will remain in the "out-years" as a placeholder until such a decision is made. Alternatively, the Council could choose to remove the project from the TIP, however, it would result in private development projects such as Xing Hua on 77th Avenue SE, north of SE 29th Street to build the code required street improvements along their property frontage – replace the bike lanes and center turn lane with on-street parking and sharrows. If the project remains in the TIP, developers could pay the City their fair share of the improvement in lieu of building them.
- **[90.25.0025] 84<sup>th</sup> Avenue SE Pedestrian Improvements (SE 33<sup>rd</sup> Place to SE 36<sup>th</sup> Street).** This project will construct a new sidewalk or path along the east side of 84th Avenue SE from SE 33rd Place to SE 36th Street. This section of 84th Avenue SE has a 20 ft-wide paved roadway and is signed as a bike route. There are intermittent sections of shoulder with gravel and grass, but there is not a consistent pedestrian facility on the east side of 84th Avenue SE. Construction is planned for 2029.
- **[90.25.0028] SE 24<sup>th</sup> Street Sidewalk Improvements (72<sup>nd</sup> Avenue SE to 76<sup>th</sup> Avenue SE).** This project will reconstruct concrete curb, gutter and sidewalk along SE 24<sup>th</sup> Street to upgrade the current walking facility. This project is tied to the SE 24<sup>th</sup> Street overlay project (90.25.0027). Construction is planned for 2029.
- **[90.25.0029] 78<sup>th</sup> Avenue SE Sidewalk Improvements (SE 40<sup>th</sup> Street to West Mercer Way).** This project proposes to install concrete curb, gutter and sidewalk along the west side of 78<sup>th</sup> Ave SE from SE 40<sup>th</sup> to SE 41<sup>st</sup> Streets to provide a walking facility where none currently exists. The project will also upgrade an existing walkway on the east side of the roadway with concrete curbs and sidewalks to improve the connection from the adjacent neighborhood to SE 40<sup>th</sup> Street, providing access to the Town Center and West Mercer Elementary School. This project is tied to the 78<sup>th</sup> Ave SE overlay project [90.25.0026]. Construction is planned for 2029.
- **[90.25.0030] Mercerwood Drive Pedestrian Improvements (93<sup>rd</sup> to 96<sup>th</sup> Avenue SE).** In 2027, sidewalk will be installed on the south side of SE 40th Street from its existing terminus near Gallagher Hill Road to 93rd Avenue SE, the start of Mercerwood Drive. This project will continue new sidewalk from 93rd Avenue SE to 96th Avenue SE on the south side of Mercerwood Drive, with ADA ramps and a new pedestrian crossing at 96th Avenue SE. Bike lane installation may also be considered. Construction is planned for 2030.
- **[90.25.0031] Island Crest Way Crosswalk Enhancement (SE 46<sup>th</sup> Street).** This project will enhance the existing crosswalk on Island Crest Way just north of SE 46th Street.

Improvements to the existing facility include a pedestrian signal and ADA enhancements to the two curb ramps on each side of Island Crest Way and the center median. Construction is planned for 2030.

- **[90.25.0032] SE 27<sup>th</sup> Street Sidewalk Improvements (74<sup>th</sup> Avenue SE to 76<sup>th</sup> Avenue SE).** This sidewalk improvement project is located at the western edge of Town Center, along the south side of SE 27th Street, from 76th Avenue SE to the west approximately 325 feet. New curb and gutter, sidewalk, driveways, and ADA curb ramps will be constructed. Street trees will be replaced to allow space for new street trees to mature without sidewalk damage. This project will also replace street lighting and storm drainage systems where needed upon replacement of the sidewalk. Construction is planned for 2030.
- **[90.25.0034] North Mercer Way Sidewalk Improvements (Fortuna Drive to SE 35<sup>th</sup> Street).** This project proposes to remove the existing guardrail behind the existing curb and gutter and construct a new concrete sidewalk and ADA ramps along the north side of North Mercer Way to provide a walking facility where none currently exists. This project will close a gap in the City's existing sidewalk infrastructure and is planned for 2026, in conjunction with the North Mercer Way overlay [90.25.0015].

### **Other**

- **[90.20.0008] Aubrey Davis Park Mountains to Sound Trail Lighting (Island Crest Way to Shorewood Dr).** This project will illuminate the Mountains to Sound Greenway (I-90) Trail along the north side of the tall retaining wall from Shorewood to Town Center, a distance of approximately half a mile, as part of Mercer Island's Parks, Recreation, and Open Space (PROS) Plan. This project may be eligible for grant funding via WSDOT's Pedestrian & Bicycle program, and the City's application will be strengthened by completing design early. Construction is planned for 2027.
- **[90.25.0013] ICW Corridor Improvements (SE 68<sup>th</sup> Street to SE 53<sup>rd</sup> Place).** This project will continue the planning and design of traffic safety and operation improvements identified as part of the Island Crest Way Corridor Safety Analysis in 2022 and Island Crest Way Corridor Improvements (90th Avenue SE to SE 63rd Street) in the 2023-2024 biennium. The planning and design elements proposed for 2025-2026 include:
  - SE 53rd Place Safety Improvements - Design a right turn lane to the westbound approach of SE 53rd Place and Island Crest Way, install ADA-compliant ramps, and improve crosswalks.
  - Shared Use Path (Initial Phase) – Building off the Shared Use Path Analysis completed in 2024, design a shared use path that extends from Island Park Elementary to Island Crest Park. Design of the path from the park to SE 68<sup>th</sup> Street will be proposed in a subsequent TIP.
  - SE 68th Street Intersection Safety Improvements – Design mountable apron curb returns and ADA-compliant ramps to shorten pedestrian crossing distances and improve safety.

Project construction will be costly and require significant grant funding to complete the work. Construction is planned in two phases. Phase 1 is shown in 2030 as a placeholder until adequate funding is secured. Phase 1 includes the SE 53rd Place Safety Improvements and the West-Side Shared Use Path from Island Park Elementary to Island Crest Park. Phase 2 will follow with the SE 68th Street Intersection Safety Improvements.

- **[90.25.0018] Pedestrian and Bicycle Facilities Plan (PBF Plan) Update** is proposed for the 2026-2027 biennium to provide a comprehensive update to the current PBF Plan, last updated in 2010 from the original 1996 plan. Over time, standards have changed and new facilities have been built. Updates to the Plan will incorporate the results of the ADA Transition Plan, evaluate the use of urban street design guidelines such as the National Association of City Transportation Officials (NACTO), and identify/evaluate projects, provide a preliminary scope of work, and establish priorities of work with the intention of providing a roadmap, foundation, and timeline for future improvements. Mercer Island has been awarded \$320,000 through the Safe Streets and Roads for All (SS4A) FY24 grant program to support this project.

### ***Unfunded PBF Projects – Beyond 2030***

- **86<sup>th</sup> Avenue SE Sidewalk Improvements (SE 42<sup>nd</sup> Street to Island Crest Way).** This project proposes to install concrete curb, gutter, and sidewalk along the east side of 86<sup>th</sup> Ave SE to provide a walking facility where none currently exists. The project will complete a missing link in the sidewalk network and connect Island Crest Way and adjacent neighborhoods to the High School, Northwood Elementary School, the Mary Wayte Pool, and PEAK. Drainage work will be required, and road widening to provide shared space for bicycles is a potential element.
- **Merrimount Drive Sidewalk Improvements (Island Crest Way to West Mercer Way).** The project proposes to install concrete curb, gutter, and sidewalk along both sides of Merrimount Drive. The project improves walkability by providing a defined route and place for school kids to walk and wait for the school bus or walk to West Mercer Elementary.
- **92<sup>nd</sup> Avenue SE Sidewalk Improvements (SE 40<sup>th</sup> Street to SE 41<sup>st</sup> Street).** This project will build concrete curb, gutter, and sidewalk along the west side of 92<sup>nd</sup> Avenue to provide a “safe walk route” for Northwood Elementary and the High School, as well as a bus stop location for Islander Middle School. It will also complete a missing link on 92<sup>nd</sup> Avenue by connecting with sidewalks the School District constructed in 2015 along the High School frontage, creating a continuous sidewalk from SE 40<sup>th</sup> to SE 42<sup>nd</sup> Streets. This project may be eligible for Transportation Improvement Board or Safe Routes to School grant funding. City and District staff will monitor the need and propose this work in a future TIP if warranted.
- **SE 34<sup>th</sup> Street Sidewalk Improvement (78<sup>th</sup> Avenue SE to 80<sup>th</sup> Avenue SE) –** This project will reconstruct curbs, sidewalk, ADA-compliant ramps, and street trees with silva cells along the north side of SE 34<sup>th</sup> Street where the existing sidewalk currently has significant root damage and heaving due to nearby street trees. This project will improve pedestrian mobility in Town Center.
- **Mercerwood Drive Ped Improvements (96<sup>th</sup> Avenue SE to East Mercer Way) –** This project will install a pedestrian facility on both sides of Mercerwood Drive, to connect to the 90.25.0030 new sidewalk and East Mercer Way. This project will improve pedestrian safety, especially for students and families accessing schools and other gathering places on SE 40<sup>th</sup> Street and East Mercer Way. This pedestrian improvement is included in the 2010 PBF Plan.