

SIX-YEAR TRANSPORTATION IMPROVEMENT PROGRAM

Project Descriptions (2027-2032)

[90.20.001] - 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 performs large size roadway patching, occasional crack sealing projects, and improves about one substandard street per biennium, all as the needs arise.

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, 2022, and most recently 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 watermain, 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 watermain construction, storm drainage construction, franchise utility work, and major housing projects occur.

- In 2027, residential paving work will occur in the Mercerwood neighborhood on portions of 93rd and 94th Avenues, following watermain replacement work. Portions of 70th and 74th Avenues in the First Hill Neighborhood will also be paved.
- In 2028, residential paving work will occur in the Mercerwood neighborhood on portions of 95th, 96th, and 97th Avenues, following watermain replacement work.
- In 2029, the residential streets of SE 60th and SE 61st Streets and 90th, 92nd, 93rd, and 94th Avenues (east of Island Crest Way) are planned for repaving. A portion of SE 78th Street west of 84th Avenue SE will also be paved.
- In 2030, the residential streets of SE 72nd Place, 91st Ave SE, 91st Place SE and 92nd Place SE are planned for repaving.
- In 2031, the residential streets of SE 58th and SE 59th Streets and 91st Avenue (lying east of Island Crest Way) are planned for paving.

- Street resurfacing to occur in 2032 will be determined during development of the TIP in 2027, utilizing PCI data collected in September 2025.

Arterial Street Improvements

- **[90.20.0002] 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.
- **[90.20.0014] SE 27th Street (76th Avenue SE to 80th Avenue SE)** will resurface SE 27th Street from 76th Avenue to 80th Avenue in the Town Center with a grind and HMA overlay of the existing roadway. This roadway was last resurfaced in 1994, and its current PCI is in the Fair range. Puget Sound Energy (PSE) has underground utility work planned on SE 27th Street in 2026, therefore staff are planning resurfacing work to occur in 2027.
- **[90.20.0015] North Mercer Way (8400 Block to SE 35th Street).** This project will resurface North Mercer Way with an HMA overlay in 2029. Work will also include sidewalk repairs for ADA compliance and resurfacing of nearby SE 26th Street (Island Crest Way to 84th 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 scores will drop into the Poor range by 2029, after completion of the King County North Mercer Interceptor Sewer pipeline project.
- **[90.20.0017] 76th Avenue SE and North Mercer Way.** This project will resurface the intersection of North Mercer Way and 76th Avenue SE at the westbound I-90 freeway on-ramp as well as North Mercer Way up to SE 22nd Street with a grind and hot mix asphalt overlay. The intersection is nearing the end of its pavement life and the Sound Transit traffic signal project currently under construction has impacted the area with utility cuts. It will need resurfacing after completion of the signal project and is therefore planned for 2027.
- **[90.20.0019] East Mercer Way (SE 36th Street to SE 40th Street).** This project will resurface this portion of East Mercer Way with a HMA overlay in 2028. Last repaved in the mid-1980's by WSDOT, this roadway's current PCI is in the Fair range and is expected to decline during water supply pipeline construction.
- **[90.20.0021] West Mercer Way (SE 56th Street to East Mercer Way)** is planned for resurfacing in 2030 with an HMA overlay. This roadway was last repaved in 1995 with an HMA overlay. Its current PCI scores 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 to be collected in 2028.
- **[90.20.0026] 78th Avenue SE (SE 40th Street to West Mercer Way)** will resurface this portion of 78th Ave SE with a HMA overlay in 2031. Last repaved in 2001, this roadway's current PCI is in the Fair range. The overlay project will be tied to the 78th Ave SE sidewalk improvements project [90.25.0029], also proposed for 2031.

- **[90.20.0027] SE 24th Street (72nd Avenue SE to 76th Avenue SE)** will resurface this portion of SE 24th Street with a HMA overlay in 2031. 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 24th sidewalk improvements project [90.25.0028] also proposed for 2031.
- **[90.20.0033] West Mercer Way (I-90 to SE 24th Street and SE 28th to SE 32nd Streets)** will resurface portions of West Mercer Way with a HMA overlay in 2032, with design planned in 2031. These sections of roadway were last resurfaced in 1994, 2003, and 2013. While current PCI scores are in the Satisfactory and Fair ranges, staff believe this area of West Mercer Way will be in need of resurfacing by 2032. Future PCI data in 2028 may revise this future project's limits.

Pedestrian and Bicycle Facilities – New

- **[90.20.0003] 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.
- **[90.20.0004] 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.
- **[90.20.0005] 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.
- **[90.20.0006] SE 40th Street Sidewalk Improvements (Gallagher Hill Road to 93rd Avenue SE)**. This project will replace sidewalks and create bike lanes on SE 40th Street from Gallagher Hill Road to 93rd Avenue SE following water supply pipeline 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.
- **[90.20.0007] 78th Avenue SE Sidewalk Improvements (SE 32nd Street to SE 34th 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 2029 following Mercerdale Sewer Upsizing.
- **[90.20.0009] Gallagher Hill Road Sidewalk Improvements (SE 36th Street to SE 40th Street)**. This project will construct a new sidewalk along the downhill lane and a bike lane

along the uphill lane of Gallagher Hill Road between SE 36th and SE 40th Streets following water supply pipeline installation. Sidewalk and bike lane elements will be designed to meet current ADA standards. Work will include installing new curbs, gutters, sidewalks, street lighting, and storm drainage. Construction is planned for 2027.

- **[90.20.0016] East Mercer Way Roadside Shoulders - Phase 11 (SE 79th Street to 8400 block).** This project will create a new paved shoulder from SE 79th 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 2027.
- **[90.20.0020] 81st Avenue SE Sidewalk Improvements (North Mercer Way to SE 24th Street).** This project proposes to reconstruct concrete curb, gutter, sidewalk and ADA ramps along the east side of 81st 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 2029. An additional ramp wing will also be added to the existing ADA-compliant ramp on the north leg of SE 24th Street.
- **[90.20.0022] 77th Avenue SE Channelization (SE 32nd 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 [AB 6369](#) 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 [AB 6369](#) (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. If the project remains in the TIP, developers could pay the City their fair share of the improvement in lieu of building them.
- **[90.20.0025] 84th Avenue SE Pedestrian Improvements (SE 33rd Place to SE 36th 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 2032.
- **[90.20.0028] SE 24th Street Sidewalk Improvements (72nd Avenue SE to 76th Avenue SE).** This project will reconstruct concrete curb, gutter and sidewalk along SE 24th Street to upgrade the current walking facility. This project is tied to the SE 24th Street overlay project (90.25.0027). Construction is planned for 2031.
- **[90.20.0029] 78th Avenue SE Sidewalk Improvements (SE 40th Street to West Mercer Way).** This project proposes to install concrete curb, gutter and sidewalk along the west side of 78th Ave SE from SE 40th to SE 41st 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 40th Street, providing access to the Town Center and West Mercer Elementary School. This project is tied to the 78th Ave SE overlay project [90.25.0026]. Construction is planned for 2031.

- **[90.20.0030] Mercerwood Drive Pedestrian Improvements (93rd to 96th 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 2031.
- **[90.20.0031] Island Crest Way Crosswalk Enhancement (SE 46th 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. This project may also include intersection safety elements at 86th Avenue SE. Construction is planned for 2032.
- **[90.20.0032] SE 27th Street Sidewalk Improvements (74th Avenue SE to 76th 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 2031 in an “out-year” in case the frontage is re-constructed during property improvements.
- **[90.20.0034] North Mercer Way Sidewalk Improvements (Fortuna Drive to SE 35th 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 2029, in conjunction with the North Mercer Way overlay [90.20.0015].
- **[90.20.0040] ICW Shared Use Path Phase 1** will construct the Shared Use Path from Island Park Elementary to SE 60th Street in 2027, which will have design completed in 2026 through 90.20.0013. Construction is planned for 2027 due to \$743,007 of construction funding secured through a Washington State Transportation Improvement Board grant.
- **[90.20.0043] 92nd Avenue SE Sidewalk Improvements (SE 40th Street to SE 41st Street).** This project will build concrete curb, gutter, and sidewalk along the west side of 92nd 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 92nd Avenue by connecting with sidewalks the School District constructed in 2015 along the High School frontage, creating a continuous sidewalk from SE 40th to SE 42nd Streets. This project may be eligible for Transportation Improvement Board or Safe Routes to School grant funding. Construction is planned for 2030.

Other

- **[90.20.0013] ICW Corridor Improvements (SE 68th Street to SE 53rd Place).** This project will construct the 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. A construction placeholder is shown in 2031 for SE 68th Street or SE 53rd Place intersection improvements until funding is secured.

- **[90.20.0018] 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, construction 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.
- **[90.20.0041] Transportation Action Plan** is proposed for 2027-2028 to recommend projects and strategies to improve roadway safety on Mercer Island. Findings from 90.20.0018 will inform development of the Transportation Action Plan. Mercer Island has been awarded \$160,000 through the Safe Streets and Roads for All (SS4A) FY23 grant program to support this project. Supplemental grant funds for 90.20.0018 are tied to the Transportation Action Plan grant funds.
- **[90.25.0008] 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 Island Crest Way, a distance of approximately half a mile, as part of Mercer Island's Parks, Recreation, and Open Space (PROS) Plan. Staff is currently pursuing grant funding through WSDOT's Pedestrian & Bicycle program. Construction is planned for 2028.
- **[90.20.0042] Street Standards Details**. This project will update Mercer Island Public Works streets standard details to assist with planning and design efforts. The standard details will provide engineering drawings and specifications to ensure uniform construction of streets, storm drainage, and the transportation network. Currently, staff rely on other agency details for reference (such as the Washington State Department of Transportation). Establishing comprehensive standard street details ensures all infrastructure, whether built by the City or private developers, aligns with long-term safety, sustainability, and aesthetic goals based on best practices for maintaining a multimodal transportation network.

Unfunded PBF Projects – Beyond 2032

- **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.

- **86th Avenue SE Sidewalk Improvements (SE 42nd Street to Island Crest Way).** This project proposes to install concrete curb, gutter, and sidewalk along the east side of 86th Avenue 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.
- **SE 34th Street Sidewalk Improvement (78th Avenue SE to 80th Avenue SE) –** This project will reconstruct curbs, sidewalk, ADA-compliant ramps, and street trees with silva cells along the north side of SE 34th 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 Pedestrian Improvements (96th 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 40th Street and East Mercer Way. This pedestrian improvement is included in the 2010 PBF Plan.