



BUSINESS OF THE CITY COUNCIL CITY OF MERCER ISLAND

AB 5878
June 1, 2021
Public Hearing

AGENDA BILL INFORMATION

TITLE:	AB 5878: Adoption of 2022-2027 Six-Year Transportation Improvement Program (Public Hearing continued from May 4 Meeting and Adoption).	<input type="checkbox"/> Discussion Only <input checked="" type="checkbox"/> Action Needed:
RECOMMENDED ACTION:	Conduct public hearing extended from May 4 and adopt 2022-2027 Transportation Improvement Program.	<input checked="" type="checkbox"/> Motion <input type="checkbox"/> Ordinance <input type="checkbox"/> Resolution

DEPARTMENT:	Public Works
STAFF:	Jason Kintner, Chief of Operations Patrick Yamashita, City Engineer/Deputy Public Works Director Matt Mornick, Finance Director
COUNCIL LIAISON:	n/a
EXHIBITS:	1. Summary of Public Comments, received by May 20 2. Updated Detail of Proposed Expenditures 2022-2027 3. Updated Street Fund Balance, as of May 2021
CITY COUNCIL PRIORITY:	1. Prepare for the impacts of growth and change with a continued consideration on environmental sustainability.

AMOUNT OF EXPENDITURE	\$ n/a
AMOUNT BUDGETED	\$ n/a
APPROPRIATION REQUIRED	\$ n/a

SUMMARY

The purpose of this agenda bill is to continue the public hearing from May 4, 2021 and adopt the 2022-2027 Transportation Improvement Program (TIP).

BACKGROUND

On May 4, 2021, the City Council opened the public hearing for the TIP (see [AB 5853](#)), received a presentation from staff, reviewed the draft TIP and provided staff with direction on specific projects. The public hearing was extended to June 1, 2021. Additional public comments received following the April 16 deadline for inclusion in [AB 5853](#), presenting the preliminary draft TIP, are included in Exhibit 1.

The City Council's direction to staff included changes to the following projects:

1. **West Mercer Way Chip Seal (SE 56th Street – EMW) [SP105]:**
 - a. Remove the hot mix asphalt (HMA) overlay option [SP105A].

- b. Perform a public input survey to solicit feedback on the general use of HMA vs chip seal for roadway resurfacing.
- c. Provide the survey results to the City Council prior to proceeding with the chip seal project currently scheduled in 2023 to allow time for the City Council to decide how to proceed with the project.

2. Island Crest Way Corridor Safety Analysis [NEW PROJECT in category E - TIP Other]:

- a. Complete a corridor safety analysis on Island Crest Way from 90th Ave. SE, south through SE 68th Street. This work is to proceed in 2021 with the results presented to the City Council in Q1 2022. This corridor safety analysis will inform planning (scope, phasing, cost estimates, etc.) for future capital projects along this corridor, including SP 119, described below.
- b. The scope of the analysis will likely focus on facilities/infrastructure such as pedestrian/bicycle facilities, parking, illumination, etc.; deficiencies such as visibility/sightlines, roadway/intersection safety and capacity, parking, and types of users of the corridor (drivers, pedestrians, cyclists, school children, etc.).
- c. The proposed funding includes \$75,000 in 2021 and \$25,000 in 2022. This will require an appropriation from the fund balance in the Street Fund.

3. North-South Bike Route Completion ICW (90th Ave. SE – SE 63rd Street) [SP119]:

- a. Following completion of the corridor analysis, create a phased design and construction approach to address the needs identified in the corridor safety analysis.
- b. The start of this project shifted by one year from 2022 to 2023 to account for the corridor safety analysis and components to be added in a future TIP, potentially replacing SP119. This one-year shift is reflected in Exhibit 2.

Exhibit 2 is an updated draft detail of proposed expenditures for the 2022-2027 TIP that incorporates the City Council's directions to staff during the May 4, 2021 TIP discussion. The changes made are reflected in red. Exhibit 3 is an updated Street Fund balance based on the changes reflected in Exhibit 2 and an appropriation of \$337,872 for the East Mercer Way Slide Repair (see [AB 5871](#)) approved by the City Council on May 18, 2021.

SUSTAINABLE PRACTICES

The TIP projects and Public Works maintenance practices for transportation facilities continue to move toward creating a more sustainable transportation infrastructure, with a range of approaches including:

- Use of recycled asphalt in hot mix asphalt.
- Recycling asphalt pavement grindings for use in road base and utility trenches, where appropriate.
- Use of Low Impact Development (LID) and drainage techniques where feasible and appropriate.
- Proactive maintenance of streets and stormwater drainage systems through ongoing street sweeping and catch basin cleaning programs to protect water quality and Lake Washington habitat.
- Reducing energy costs through efforts such as converting streetlights to LED, where cost effective. The decorative streetlights in the town center were converted to LED in 2013 and the remaining lights in the town center were converted in 2014-2015.

Hot Mix Asphalt (HMA) pavement is a more sustainable choice because the asphalt industry considers it 100% recyclable. Asphalt grindings and rubble from roadway improvement projects are routinely returned to asphalt plants, processed into recycled asphalt pavement, and incorporated into future projects around the

region. New HMA pavement typically includes approximately 20% recycled asphalt content (per WSDOT specifications), which has both economic and environmental benefits. It reduces the asphalt industry's demand for new aggregate from quarries and gravel borrow sites, as well as the amount of new liquid asphalt required to produce new HMA. Other common uses of recycled asphalt include gravel base rock under new pavement and backfill for utility trenches.

Routine street sweeping is another sustainable approach and considered a best management practice that helps protect water quality by removing debris containing pollutants before it impacts water quality within the stormwater system. The Town Center is swept a minimum of 36 times annually; arterial roadways are swept a minimum of 18 times annually; all residential streets are swept a minimum of twice annually. Sweeping is also provided as requested when warranted by special conditions such as construction activities, significant weather events, spills, and traffic collisions.

As discussed with City Council on March 2, 2021 (see [AB 5822](#)), staff will continue to find opportunities to expand sustainability improvements with the City's transportation and Capital Improvement Projects.

RECOMMENDATION

- 1) Conduct a public hearing and consider public testimony.
- 2) Adopt the 2022-2027 Transportation Improvement Program, as reflected in Exhibit 2.
- 3) Appropriate \$100,000 from the Fund Balance in the Street Fund for the Island Crest Way Corridor Safety Analysis.