



CITY OF KIRKLAND
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MEMORANDUM

To: Kurt Triplett, City Manager

From: Blair Daly, Outreach Coordinator/Assistant Transportation Planner
Joel Pfundt, Transportation Manager
Kathy Brown, Public Works Director

Date: May 23, 2019

Subject: TRANSPORTATION MASTER PLAN PROGRESS REPORT

RECOMMENDATION:

City Council receives the 2018 Transportation Master Plan Progress Report.

BACKGROUND DISCUSSION:

The City adopted the [Transportation Master Plan](#) (TMP) in November 2015. Chapter 9 of the TMP, titled Transportation Measurement, states, "Progress toward the goals of this plan should be reported annually to the City Council and Transportation Commission."

Policy T-8.2 in Chapter 9 guides the City to "Establish an acceptable level of service for all modes." It goes on to say that the reporting should track a handful of measures over time that are easy to understand for a wide range of audiences. On page 101, the TMP identifies a series of level of service (LOS) measures to be used in annual reporting. The attached progress report infographic is staff's first such report.

The attached *TMP Progress Report* is a two-page infographic that contains six units with one to three modules in each unit. The first five units are ordered consistent with the five priority areas established in the TMP: safety, walk, bike, transit, drive. An additional sixth unit highlights key ongoing transportation projects. Each module in the infographic corresponds to a level of completion area listed in the LOS table in Policy T-8.2.

For certain level of completion areas identified in the LOS table, it was challenging to produce a progress monitoring metric that would be meaningful, easy to understand, and feasible for staff to measure. To address this, staff identified metrics that are replicable and straightforward to update on an annual basis.

The *TMP Progress Report* intends to offer transparency about the progress being made toward completing 20-year level of service objectives set in 2015. It is a snapshot of where the City was as of the end of 2018 and does not take credit for projects or activities have been completed thus far in 2019 or that are anticipated.

For example, the report shows that by the end of 2018, zero miles of a planned 33-mile neighborhood greenways network were fully constructed. However, designing the greenways network requires upfront engineering and outreach, and the City's first two neighborhood greenways will begin construction soon. On the other hand, the infographic modules pertaining to walking show that the City has almost fully accomplished the TMP's goals of providing sidewalks on at least one side of arterial and collector streets along School Walk Routes and Ten Minute Neighborhood walk routes. This points to a need to potentially set new goals and/or refine the goals.

Along with the annual *Performance Measures Report* and the *Streets and Pedestrian Safety Levy Report*, the annual *TMP Progress Report* is one of many tools the City uses to monitor performance. Staff will continue to refine and adapt the progress report in future years.

The Transportation Commission provided helpful input and feedback on development of this infographic progress report during its meetings on January 23, 2019; March 27, 2019; and April 24, 2019.

NEXT STEPS:

The *TMP Progress Report* will be posted on the Transportation Master Plan webpage on the City's website. Also, the City's Communications Program Manager intends to utilize various units of the infographic for multiple social media posts.

Staff intends to produce subsequent *TMP Progress Reports* by the end of the first quarter of each year.

Attachment A: Transportation Master Plan 2018 Progress Report



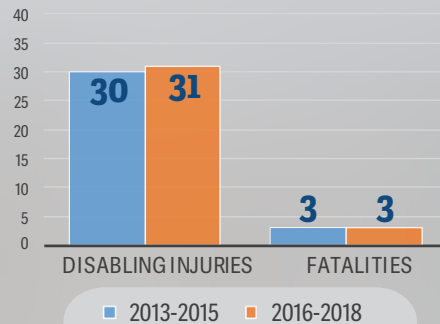
Monitoring progress toward transportation goals for 2015-2035 (TMP p. 101)

Kirkland Transportation Master Plan 2018 Progress Report

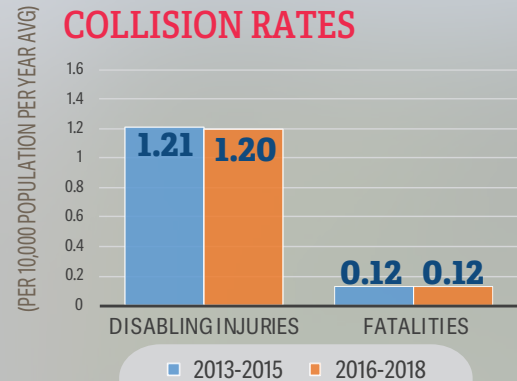


SAFETY

COLLISION NUMBERS



COLLISION RATES



WALK

SCHOOL WALK ROUTES (SWR)

96% of SWRs network has sidewalk*
9 of 12 elementary school walk routes are **100%***
 > Muir 94%, Sandburg 90%, Twain 86%



*refers to arterials and collector streets, with sidewalk on at least one side of the street

CROSSWALKS

16% of 71 light deficient crosswalks now have sufficient lighting.



TEN MINUTE NEIGHBORHOODS **99.7%** of highest scoring 10 Minute Neighborhood walk routes has sidewalk*

“ In 10 minute neighborhoods, residents can walk short distances from home to destinations that meet their daily needs. See the **City website** and **TMP p. 4** for an explanation of which areas citywide score highest for the 10 minute neighborhood concept.



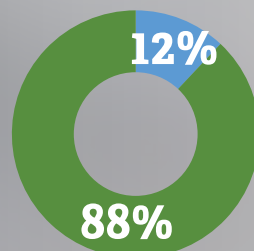
BIKE

BIKE LANES NETWORK

> **40 of 58 miles** = **69%** of planned bike lane network complete
 > **4 of 33 miles** = **12%** of planned greenways network underway



NEIGHBORHOOD GREENWAYS NETWORK



■ UNDERWAY ■ PLANNED

“ Neighborhood Greenways are residential streets generally off of main arterials with lower car volumes and speeds where pedestrians and cyclists are given priority.





Monitoring progress toward transportation goals for 2015-2035 (TMP p. 101)

Kirkland Transportation Master Plan 2018 Progress Report



TRANSIT

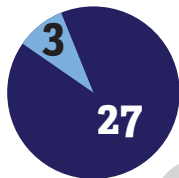
SPEED AND RELIABILITY

11 projects slated for completion between 2020 and 2035 contained in the Transit Implementation Plan.

Next stops receiving shelters (expected 2019):

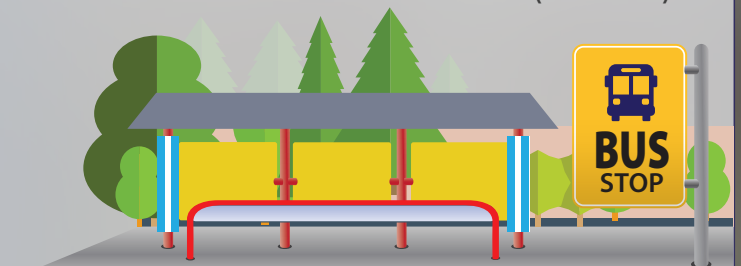
- 6th St & Kirkland Way (southbound)
- NE 132nd St & 100th Ave NE (eastbound)

PASSENGER ENVIRONMENT



30 Highest Ridership Bus Stops

■ SHELTER ■ NO SHELTER



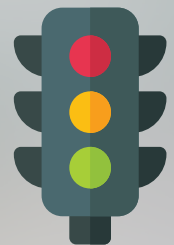
DRIVE

PAVEMENT

	Lane Miles Resurfaced Since 2012 Levy
Arterials	28 Miles or 31% of 20-yr goal
Collectors and Neighborhood Streets	63 Miles or 26% of 20-yr goal

INTELLIGENT TRANSPORTATION SYSTEM (ITS)

37 of Kirkland's 56 intersections =
66% of signalized intersections fully updated to City's standard



KEY TRANSPORTATION PROJECTS

41 City transportation projects are underway. Examples:

1. Totem Lake Connector Pedestrian/Bicycle Bridge
2. 100th Ave NE Improvements
3. 6th St Traffic Signals
4. 124th Ave NE Sidewalk Improvements
5. I-405 Bus Rapid Transit

