

Pierce Transit

WSTC

April 21, 2021

Translating Data to Operations



Overview

The Commission will be briefed on how Pierce Transit is incorporating available regional equity data into its fixed route services.

PSRC Data and Demographics:

<https://www.psrc.org/data-and-resources/data-psrc>

TPCHD Health in All Policies:

<https://www.tpchd.org/home/showdocument?id=2461>

Tools Developed for the September 2020 Service Change

Equity

- Title VI Route Mileage
- Scenario Comparison Spreadsheet

Efficiency

- Annual Route Productivity Report
- Trip-thinning Tool

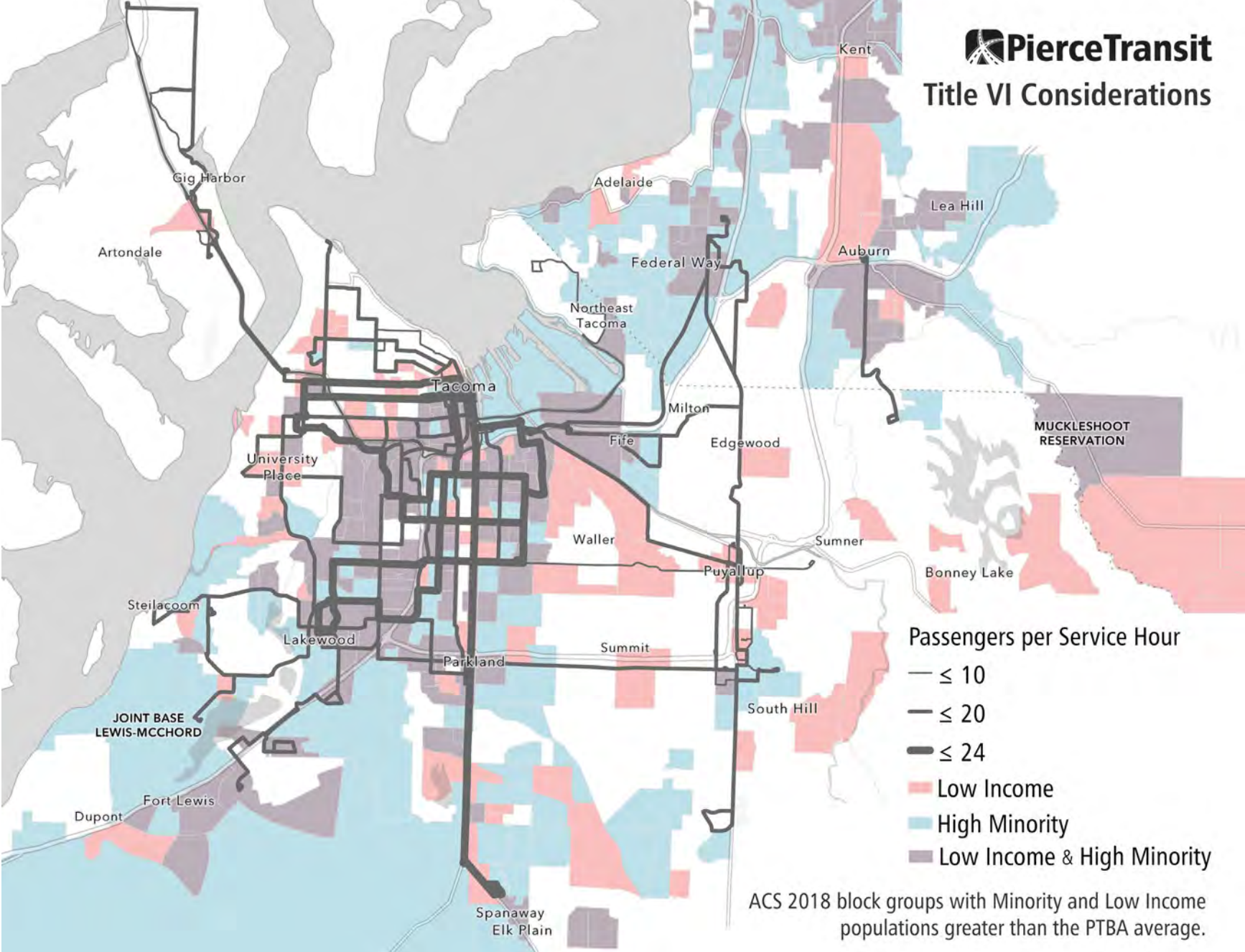
Geographic Connectivity

- Map of Stop-level Ridership
- Maps of Service Proposals

Title VI Equity Considerations



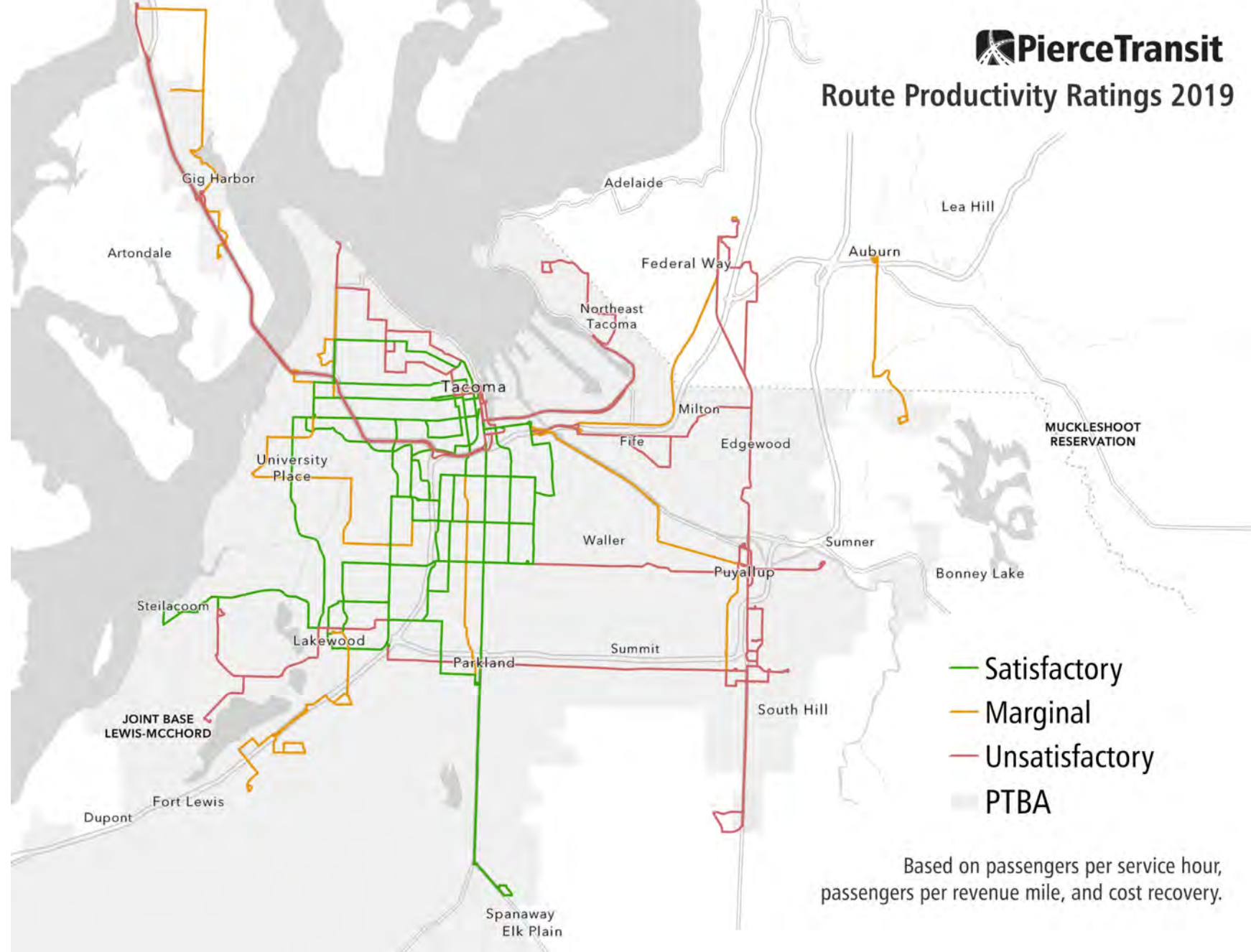
Title VI Considerations



2019 Route Productivity



Route Productivity Ratings 2019



Based on passengers per service hour, passengers per revenue mile, and cost recovery.

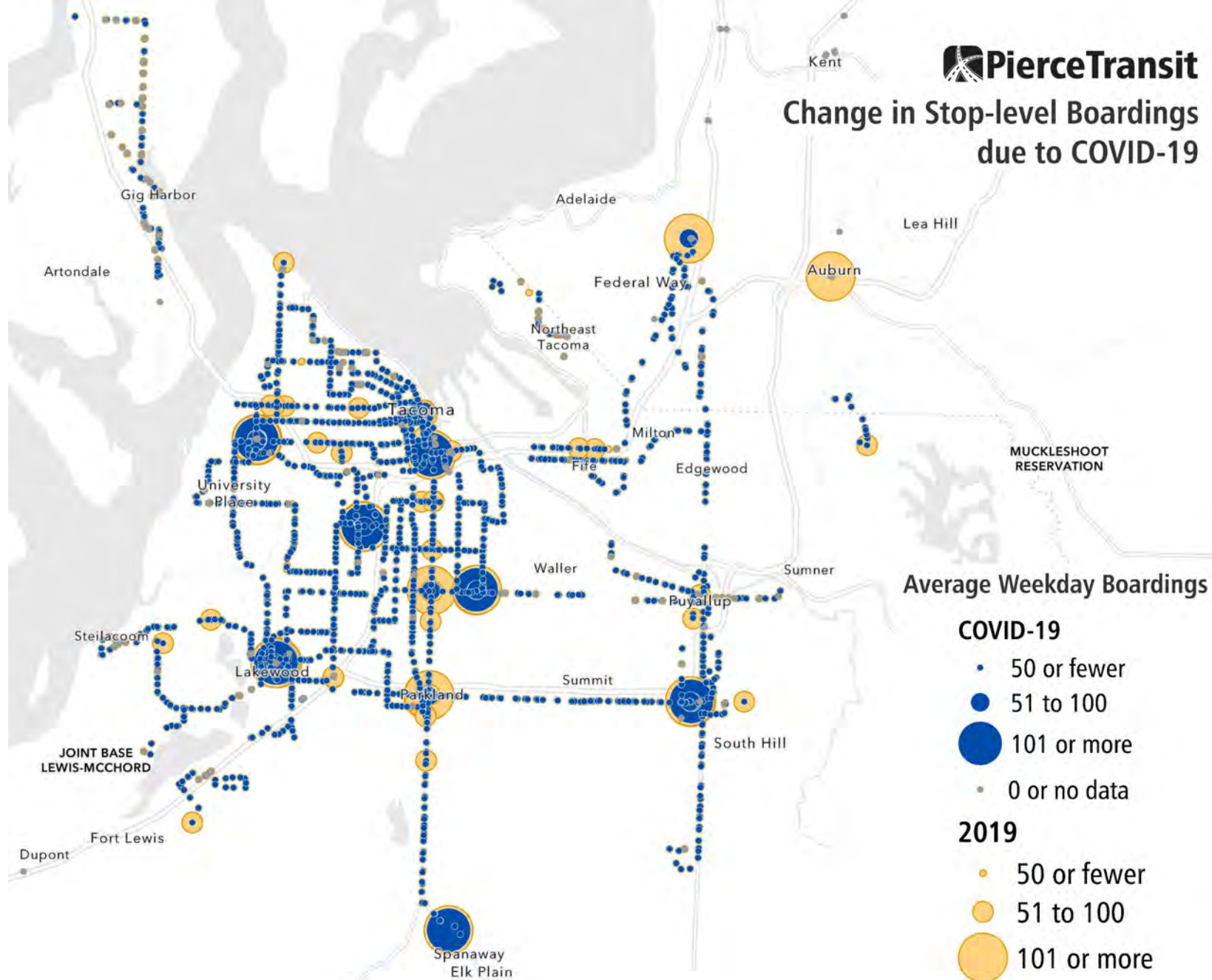
Ridership shift during COVID-19

Routes with least ridership loss compared to April 2019:

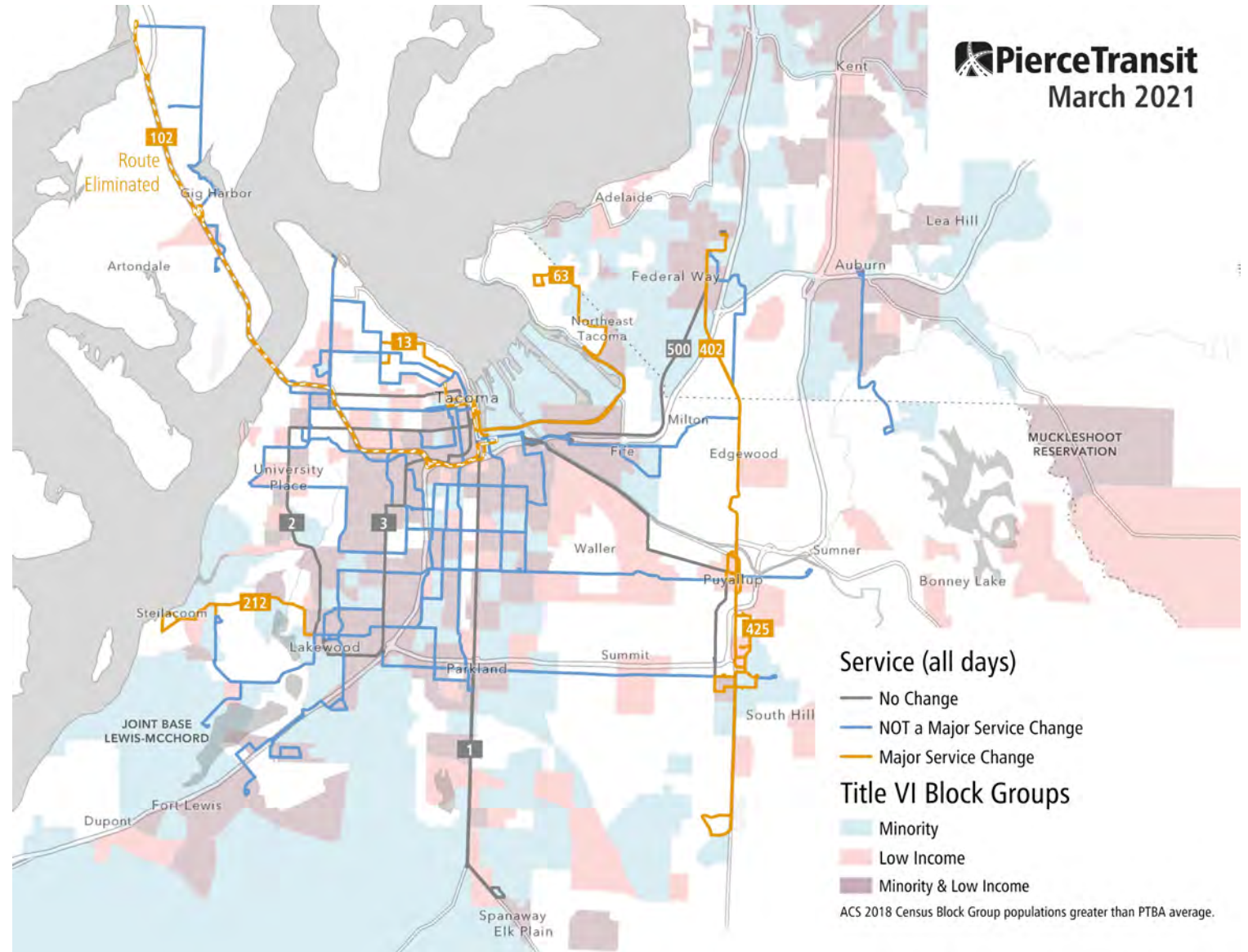
- 42
- 57
- 206
- 214
- 402
- 500

Routes with most ridership loss compared to April 2019:

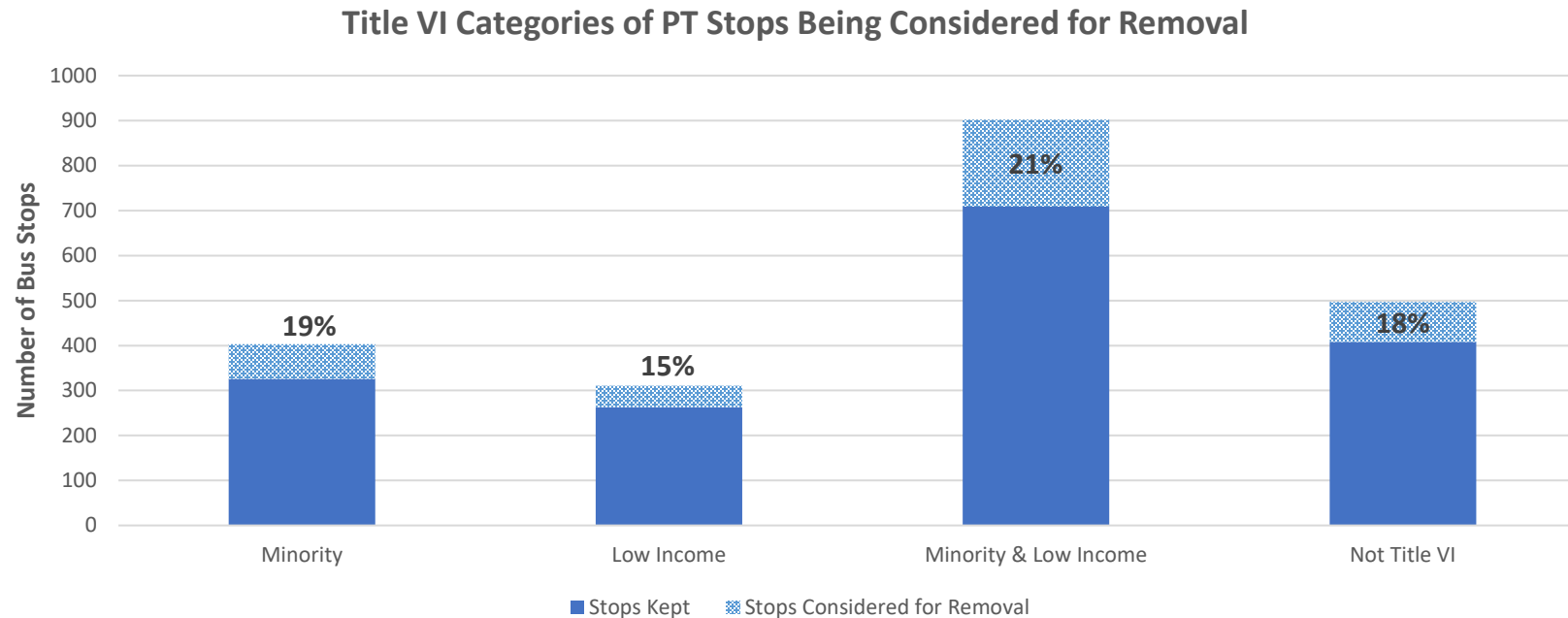
- 10
- 11
- 100
- 202
- 409



Title VI Equity Analysis March 2021



Pierce Transit's 2021 Bus Stop Balancing Project



Moving Forward

- Evaluating increases/decreases of service along routes.
- Assessing equity in stop distribution and stop amenities.
- Gaining a better understanding of equity across the PTBA.