

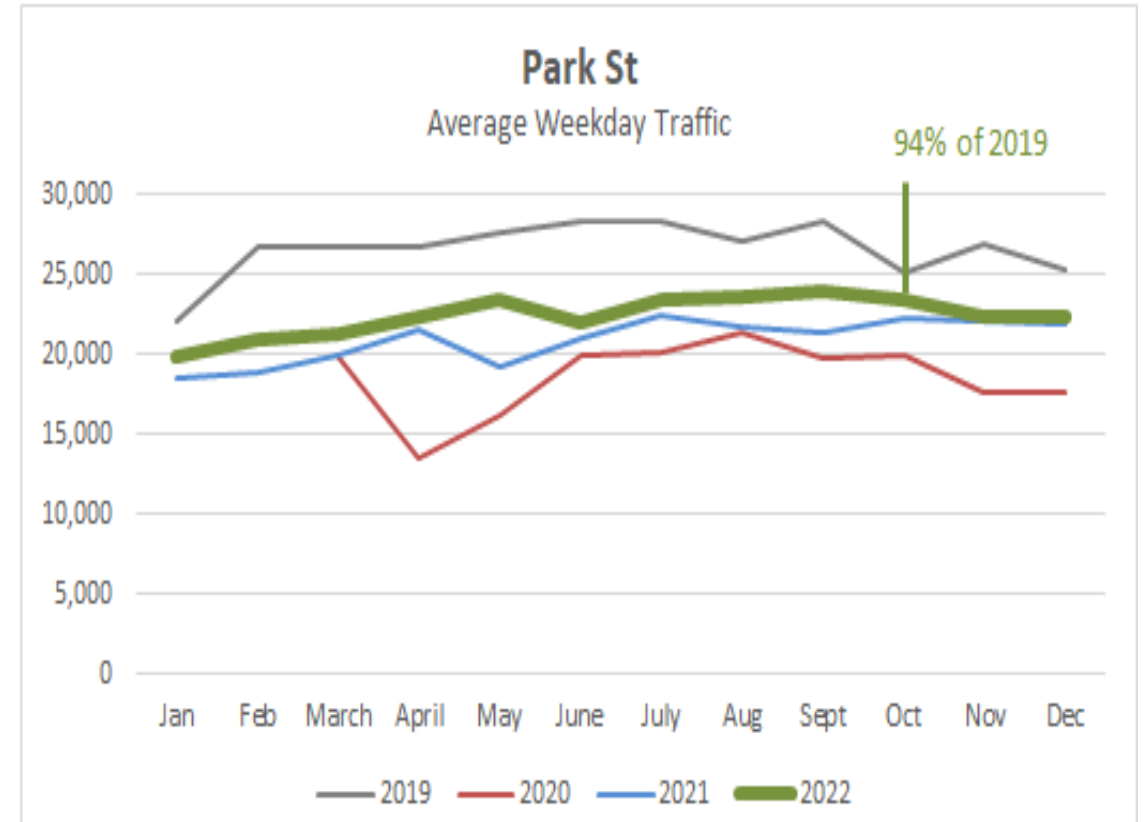
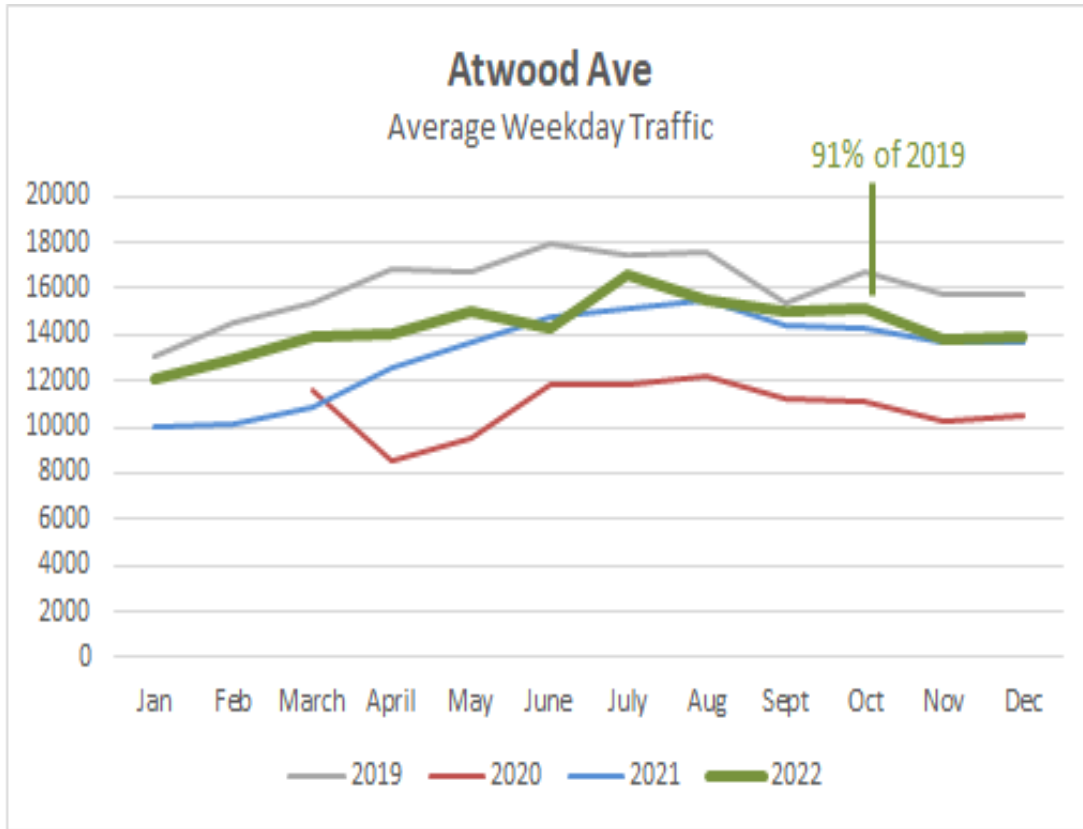
2022 Transportation Operational Report

Monday February 6, 2023



Transportation Trends

Traffic Volumes - AWDWT



Traffic Volumes – Peak Hour Traffic

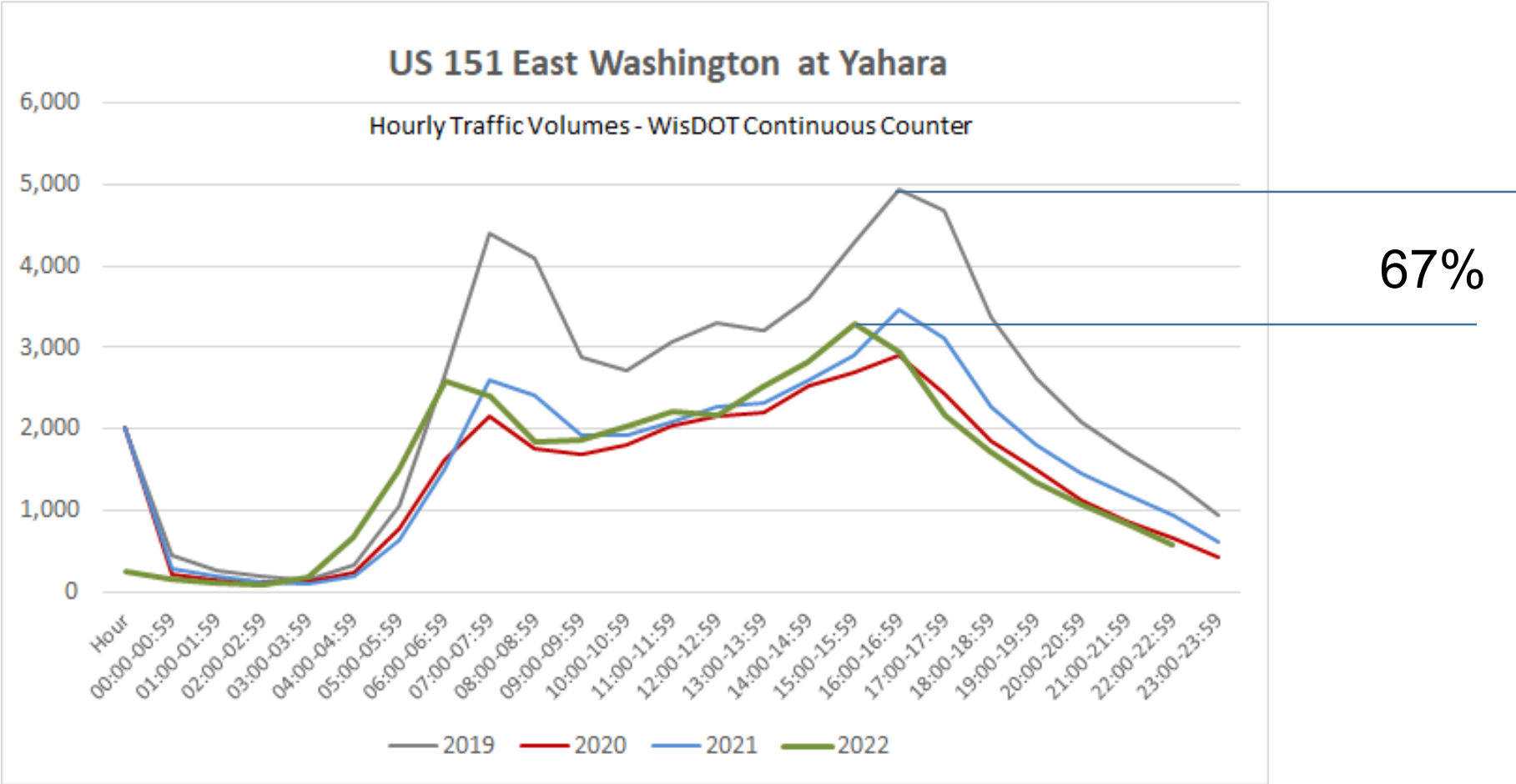


Figure 2 Weekday Hourly Volume – East Washington Ave

Traffic Volumes – Other Arterials

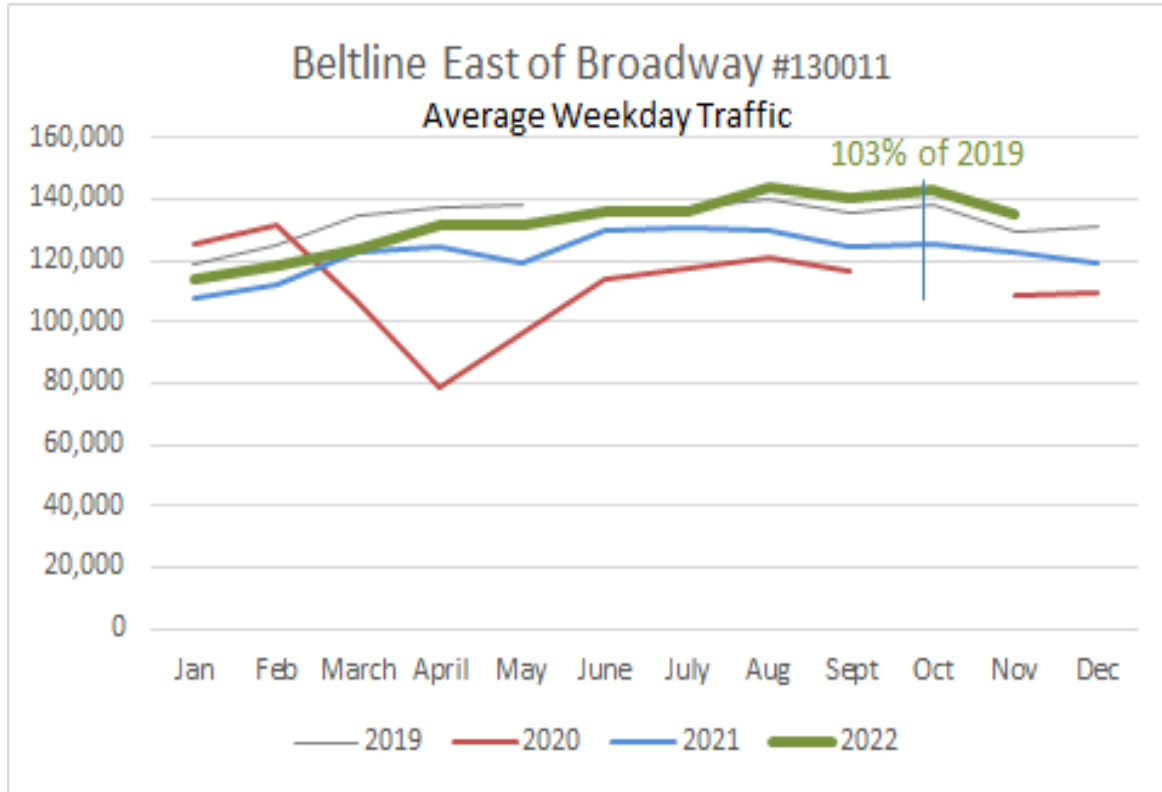


Figure 3 Beltline AWD Traffic Volumes

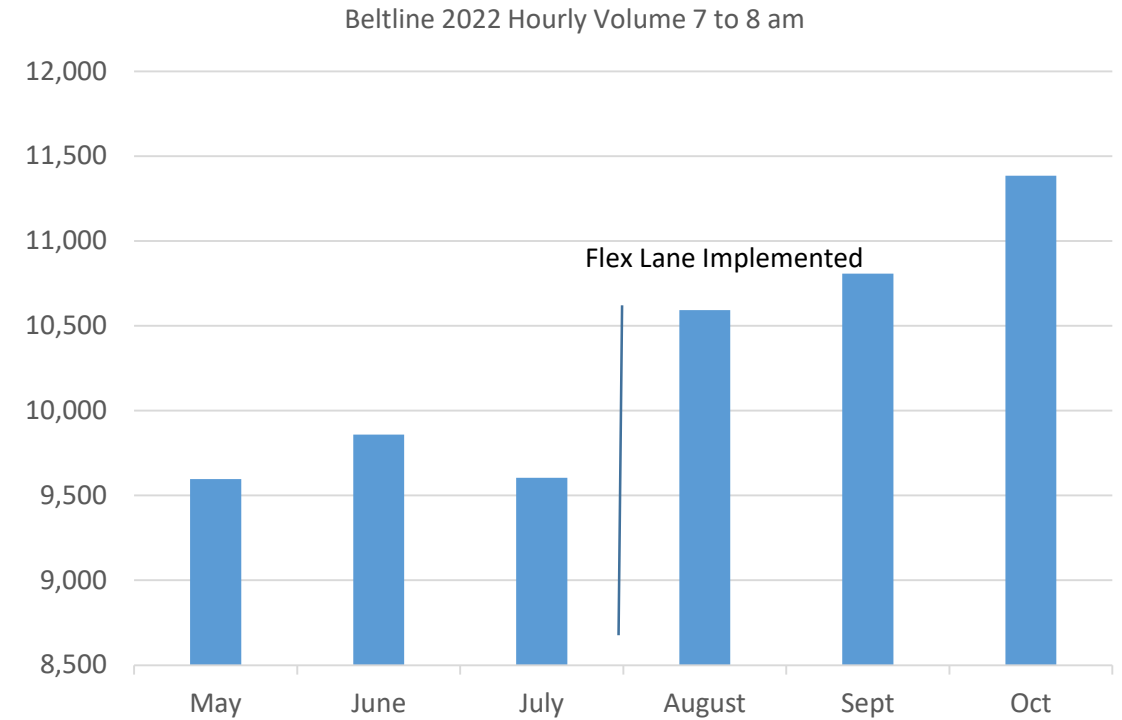


Figure 4 Beltline Morning Peak Hour Volumes

Average Vehicle Miles Traveled

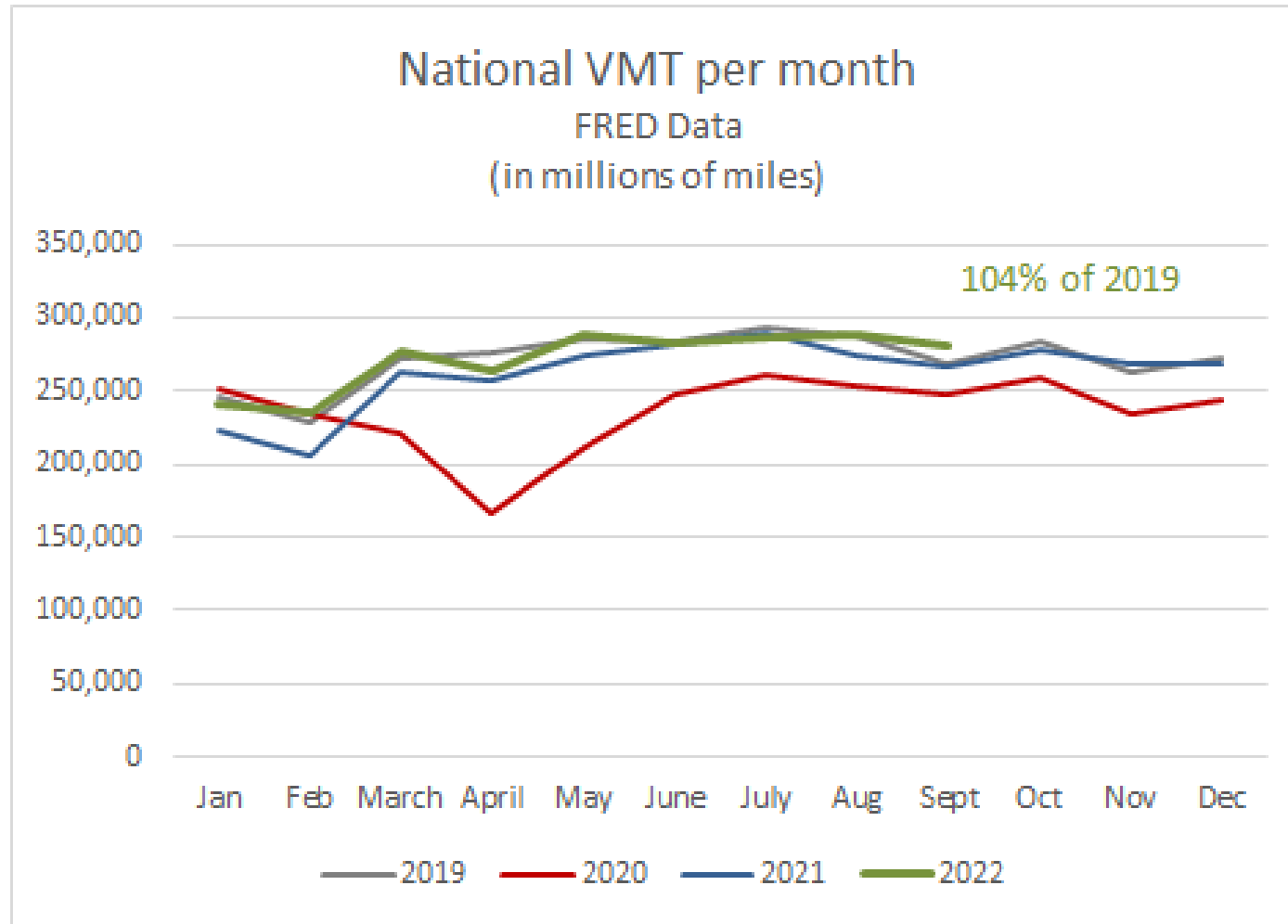


Figure 5 National VMT Data from FRED

Madison VMT

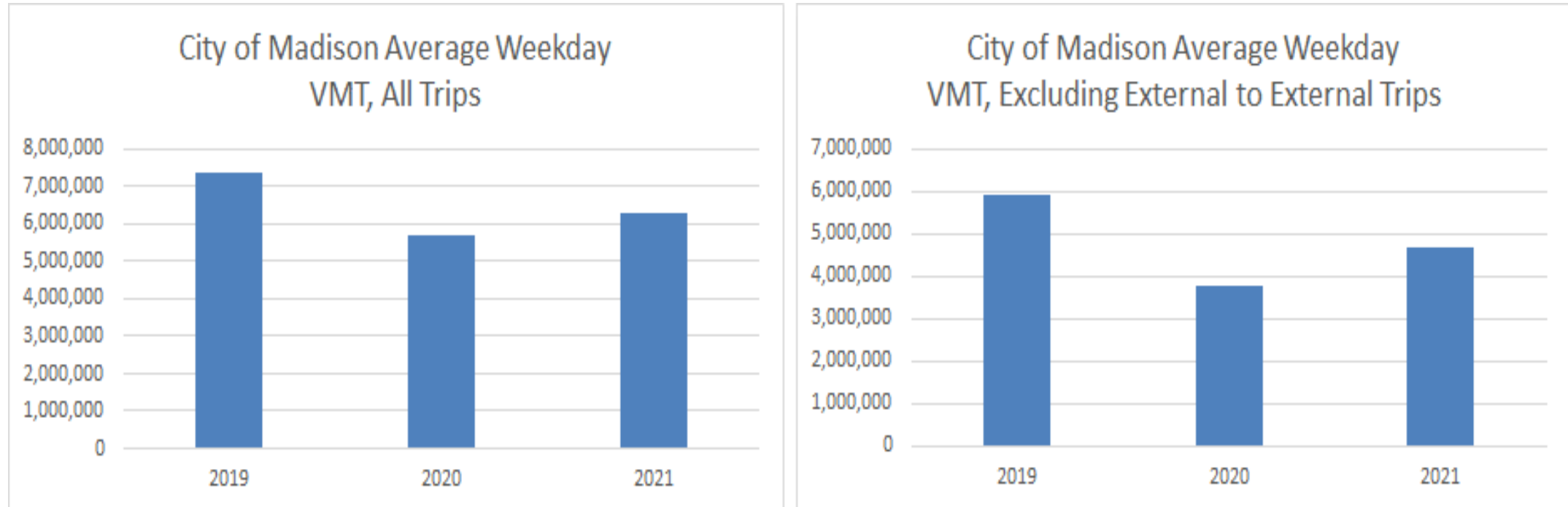
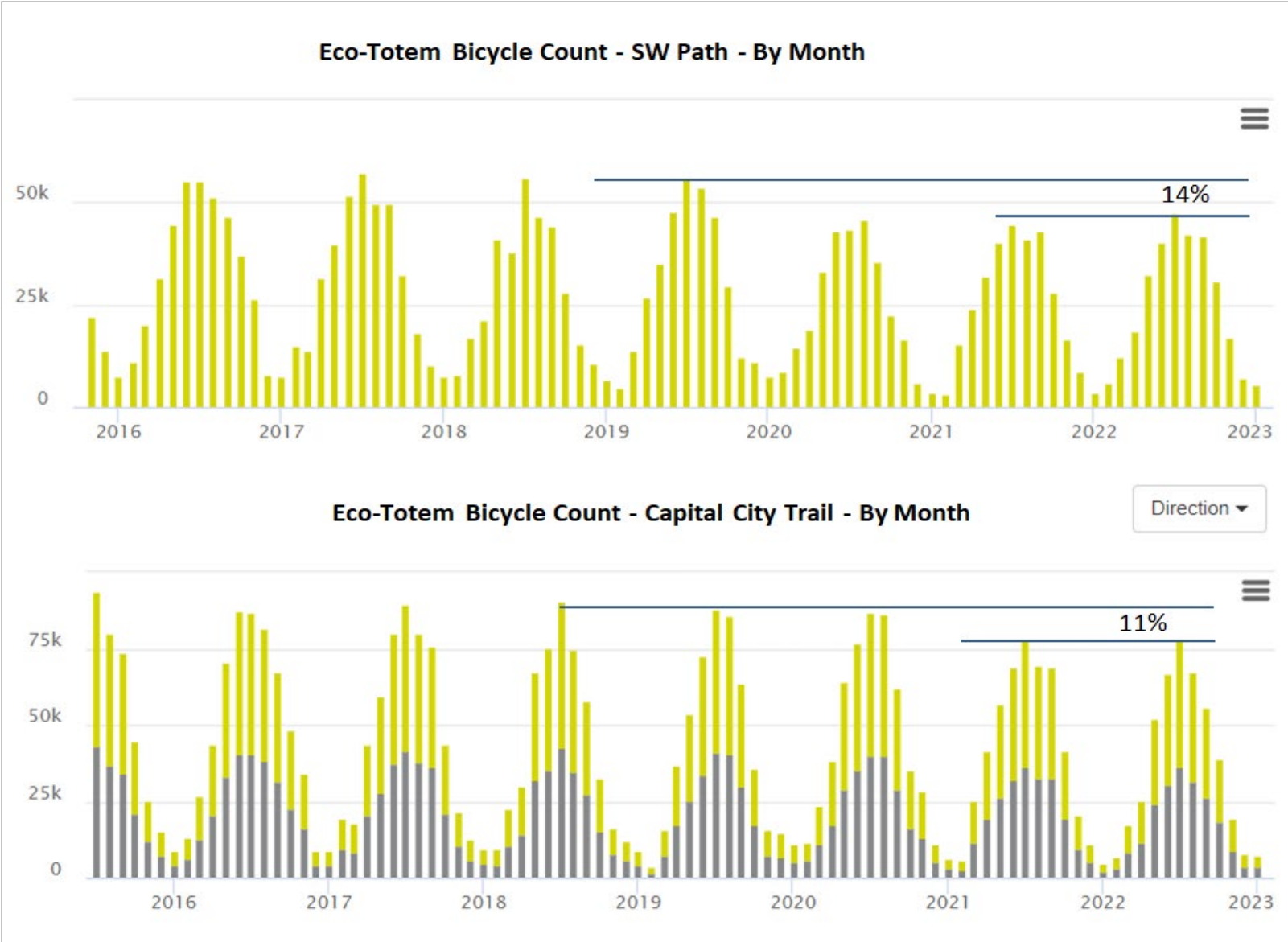


Figure 6 City of Madison Vehicle Miles Traveled

- A 14% decrease in all weekday traffic.
- A 20% decrease in weekday traffic excluding external to external trips.

Bicycle Trips



Traffic Related Fatal Crash Trends

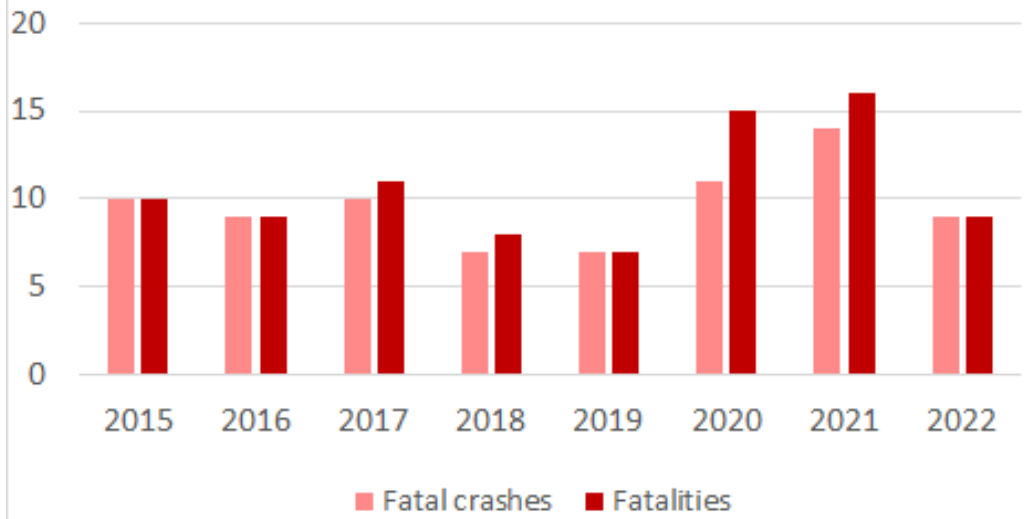
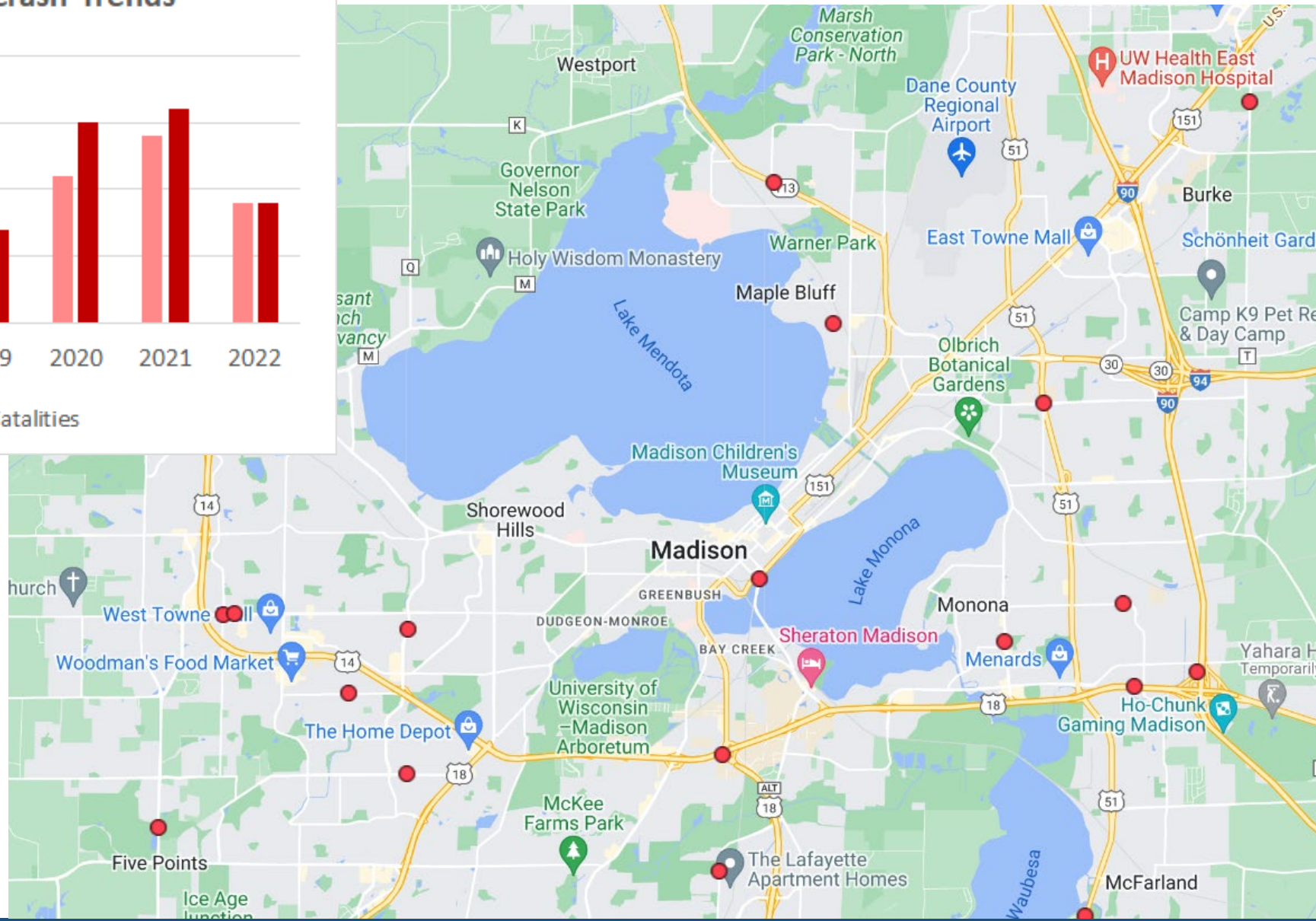


Figure 8 Traffic related Crashes and Fatalities



Metro Transit

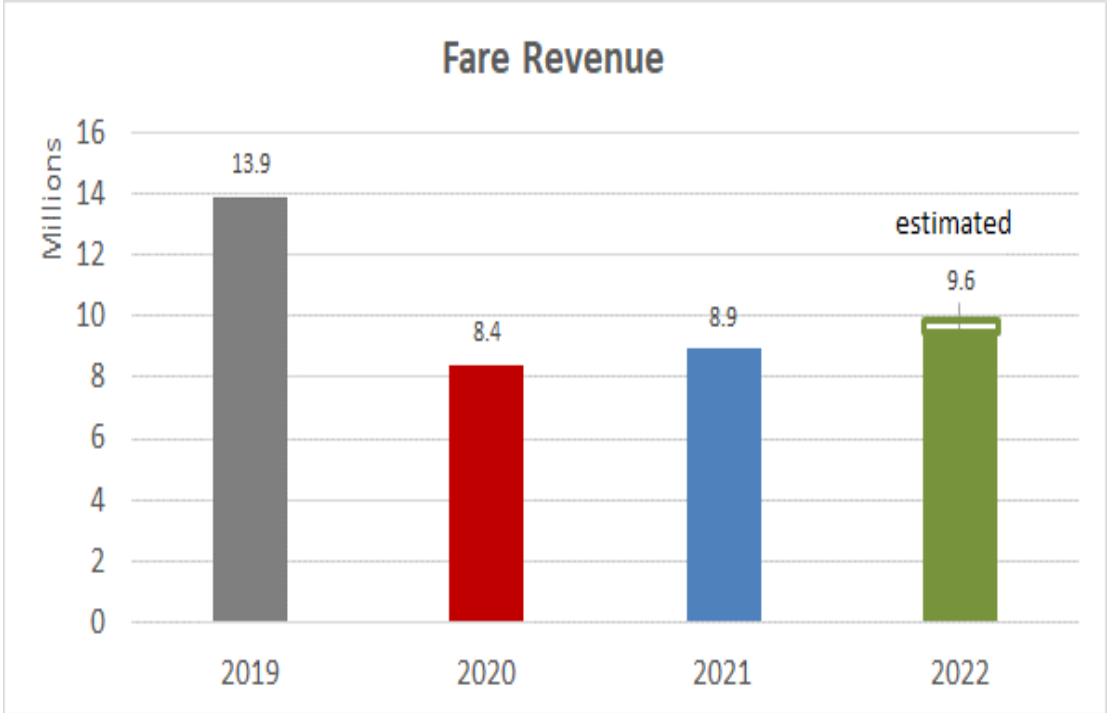
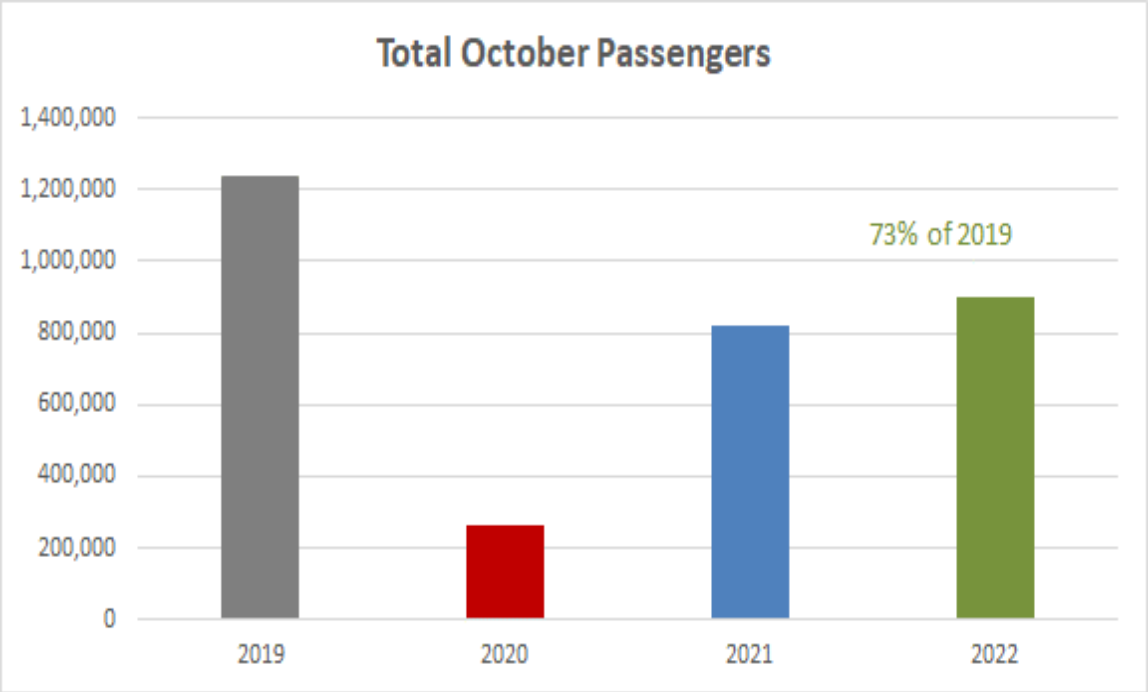


Figure 9 October Metro Passengers

Figure 11 Fare Revenue

Metro Transit

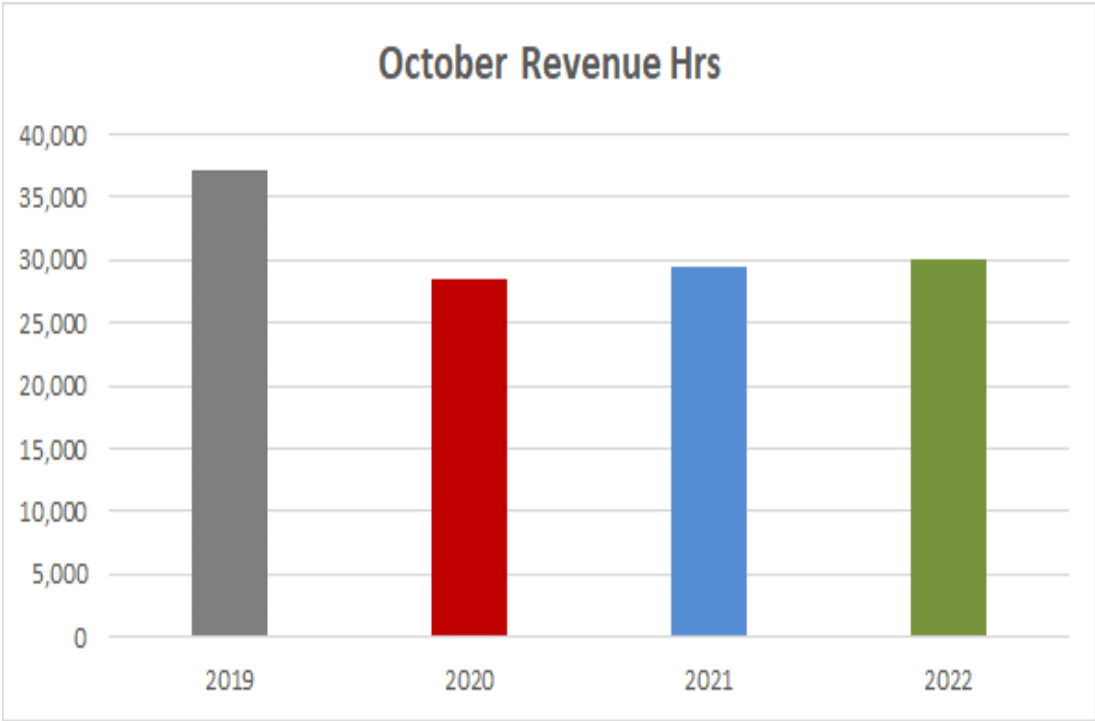


Figure 10 October Metro Transit Revenue Hours

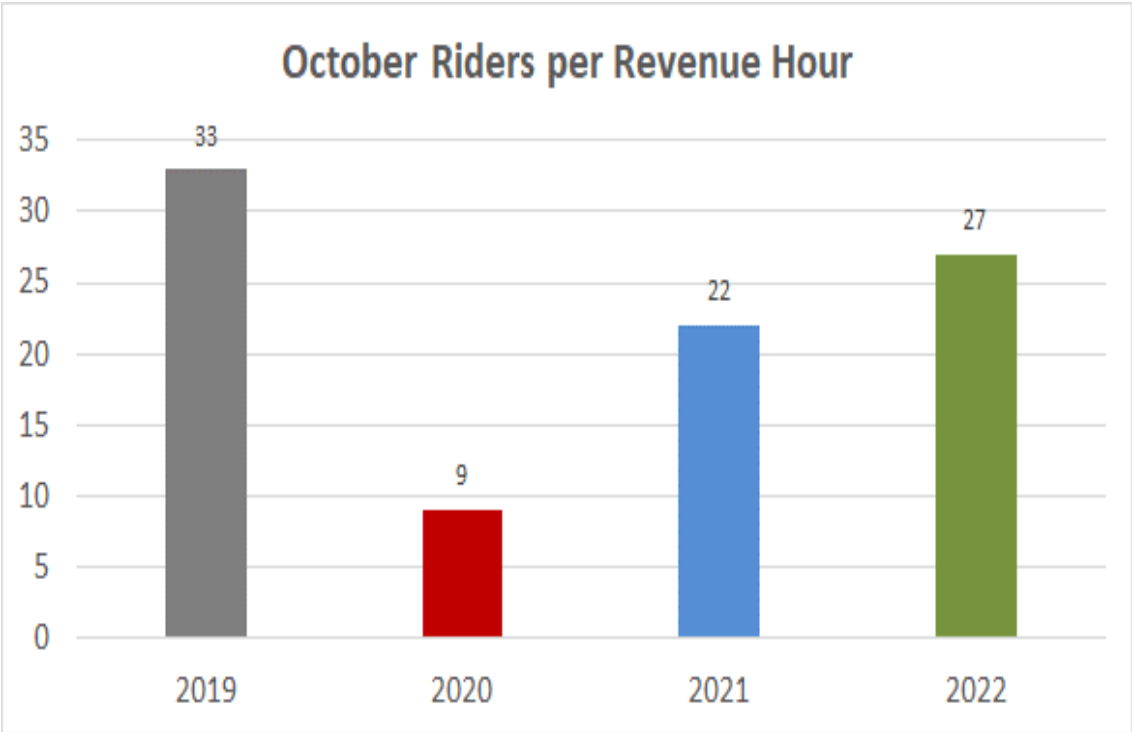


Figure 11 Riders per Revenue Hour

Parking Division

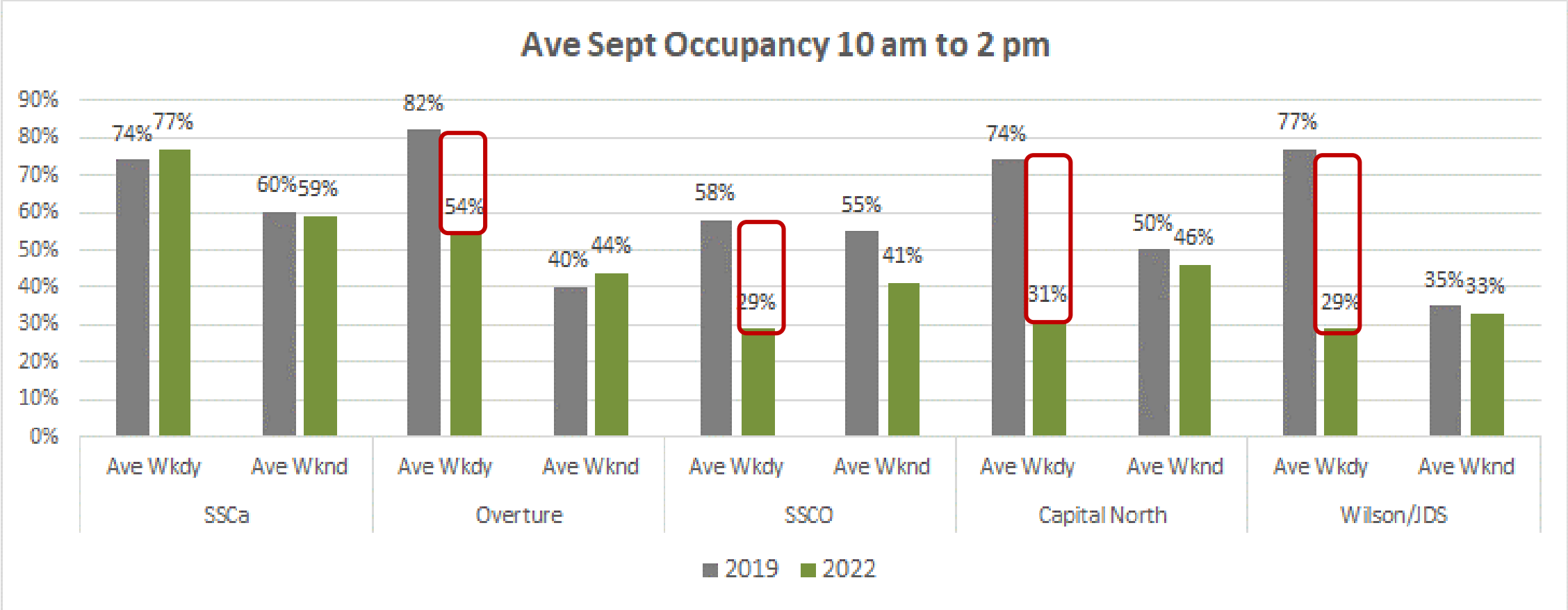


Figure 12 2019 vs 2022 Garage Occupancy 10 am to 2 pm.

Parking Division

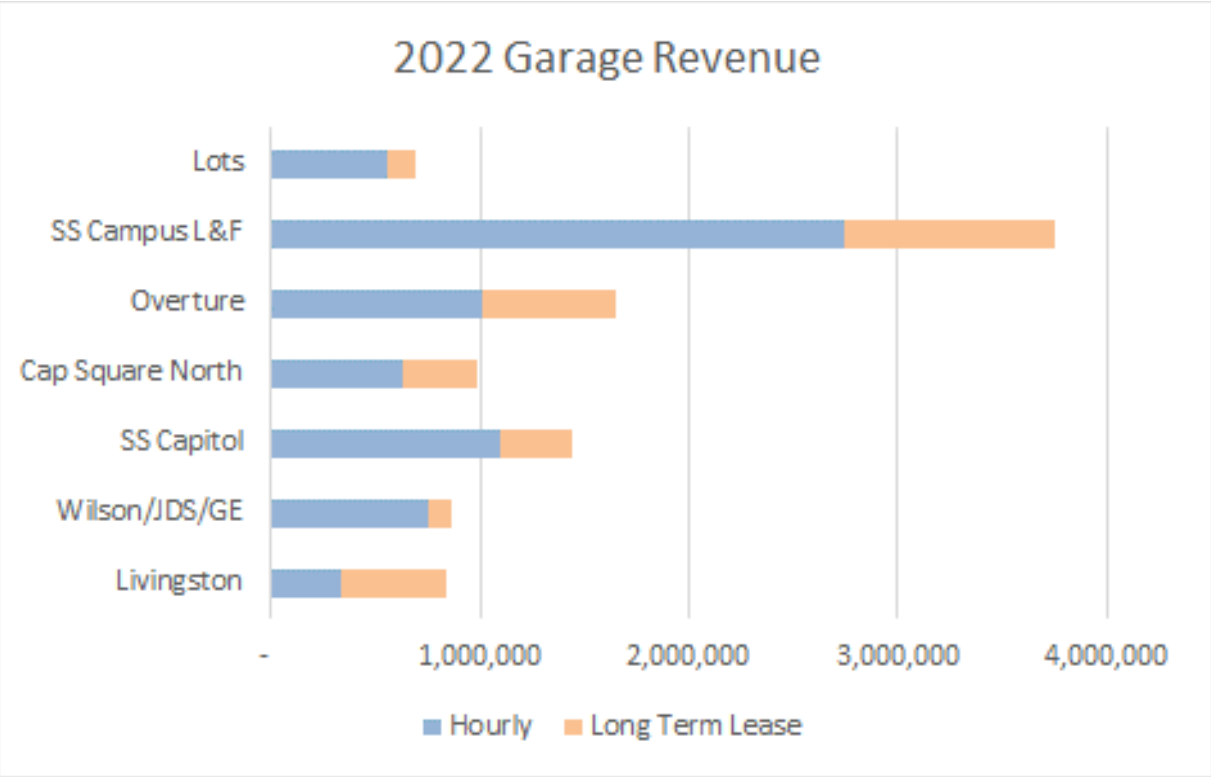


Figure 14 2022 Revenue by Garage

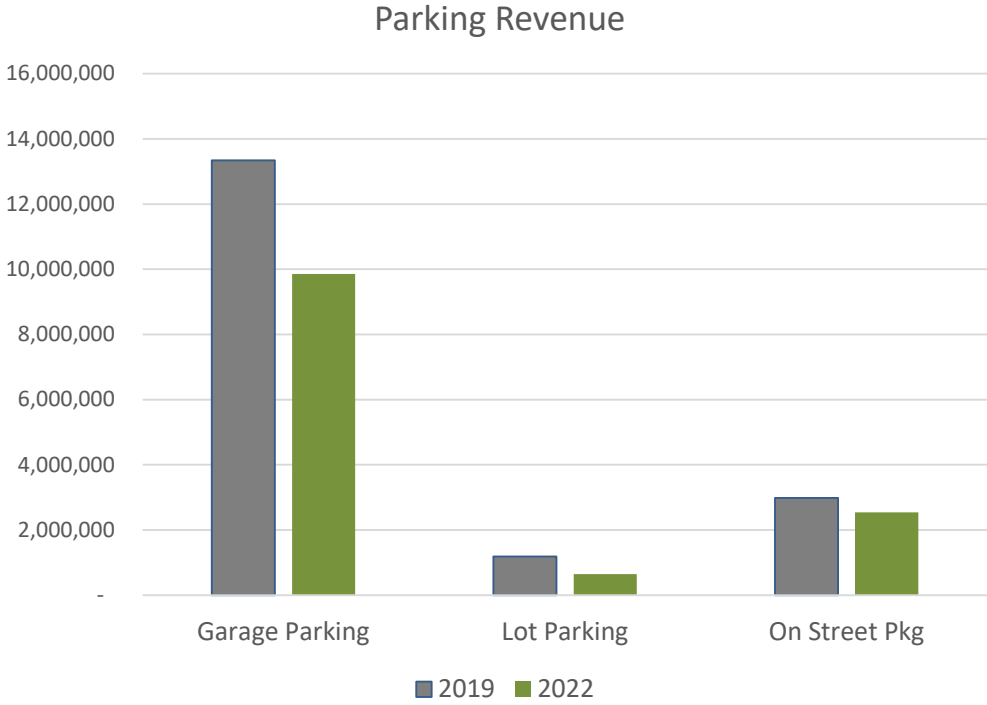


Figure 13 2019 vs 2022 Parking Revenue Sources

Accomplishments

Transportation

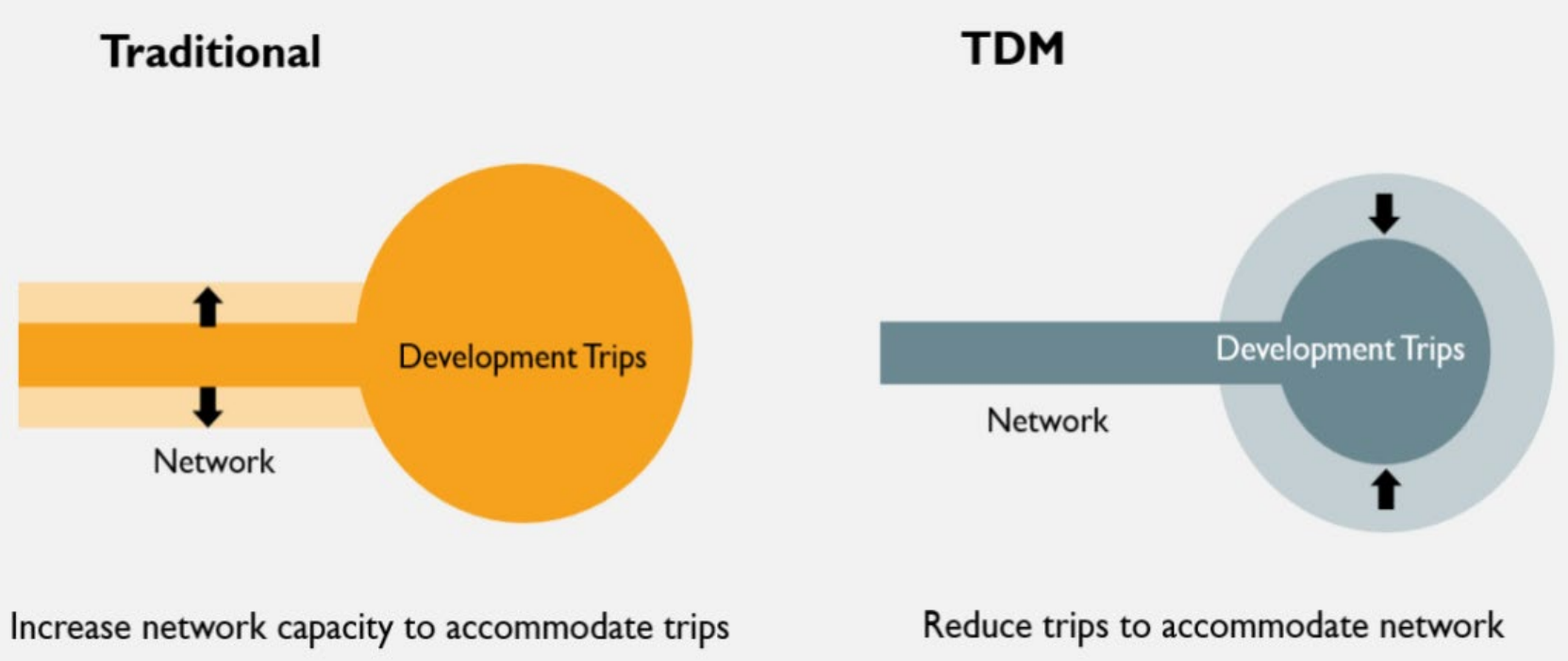
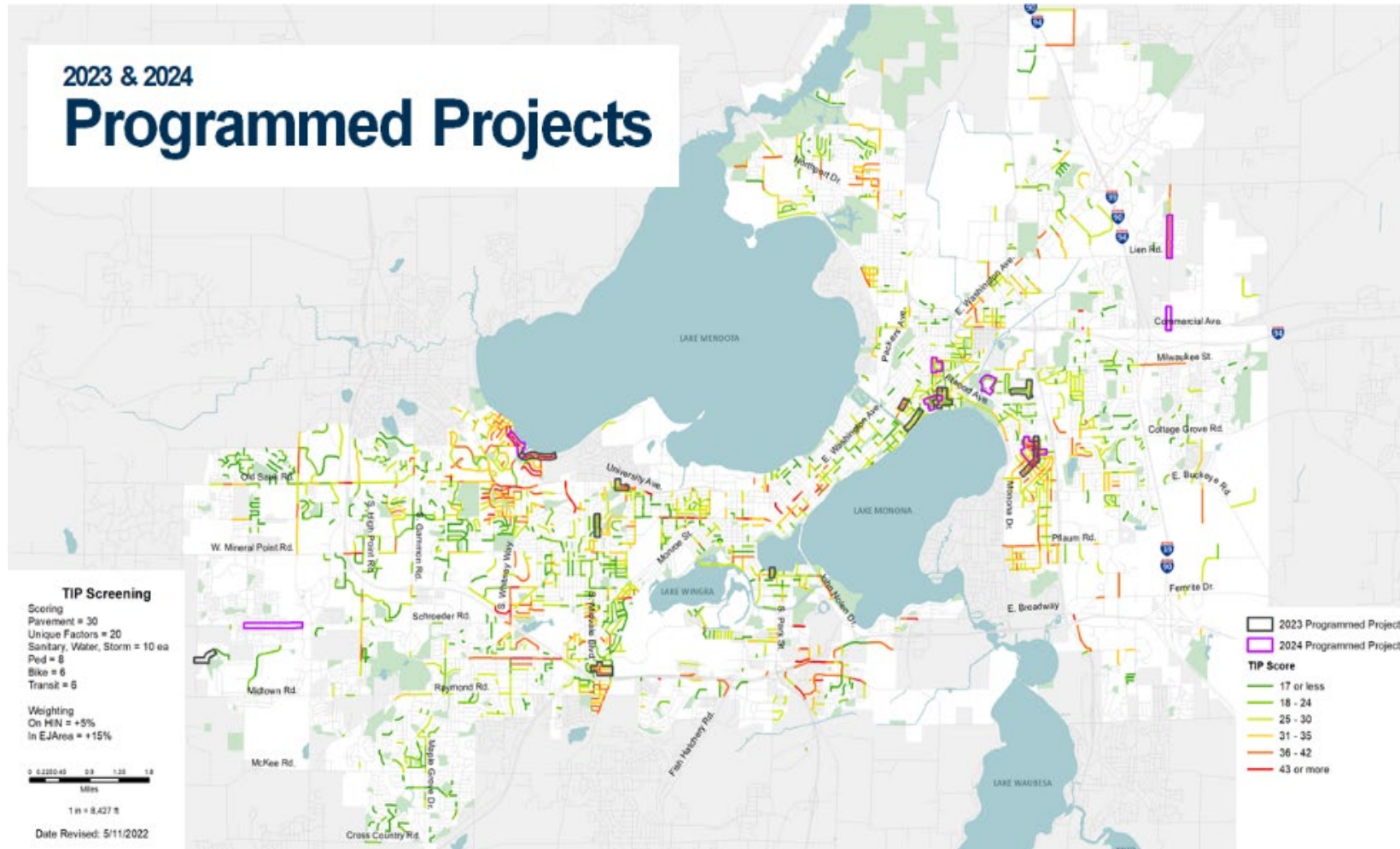


Figure 17 Traditional Accommodation of Development vs Transportation Demand Management

Transportation Demand Management Ordinance

Transportation



Transportation Improvement Program Methodology

Figure 18 Programming Projects Using New Prioritization Tool

Transportation



Figure 19 Amtrak Kickoff Meeting



Figure 20 Potential Amtrak Station Locations

Amtrak Location Study

Traffic Engineering

Vision Zero Action Plan

Safe Streets Madison

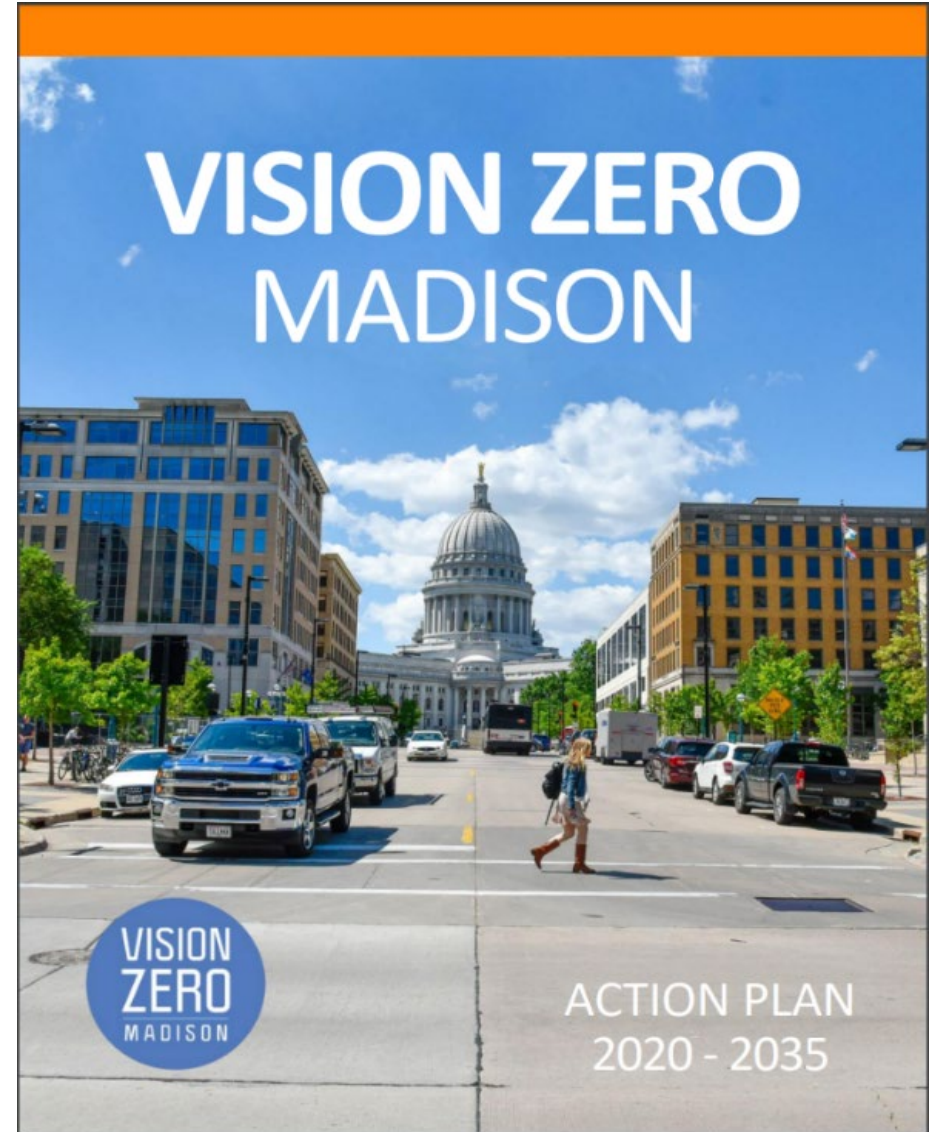


Figure 21 Madison Vision Zero Action Plan

Traffic Engineering

Complete Green Streets

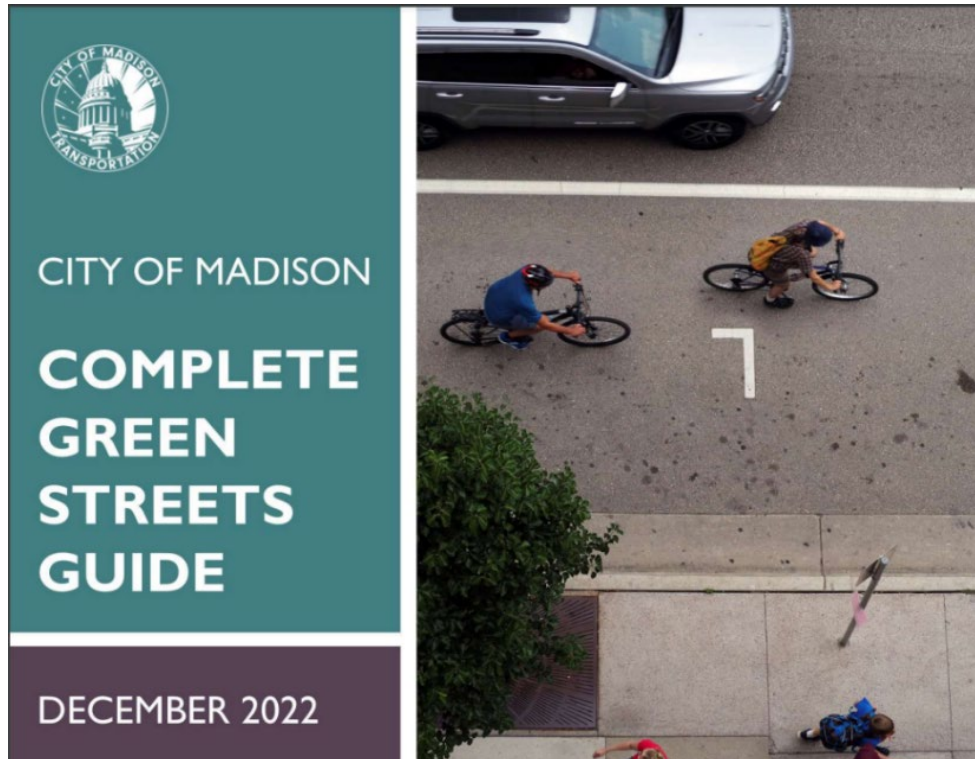
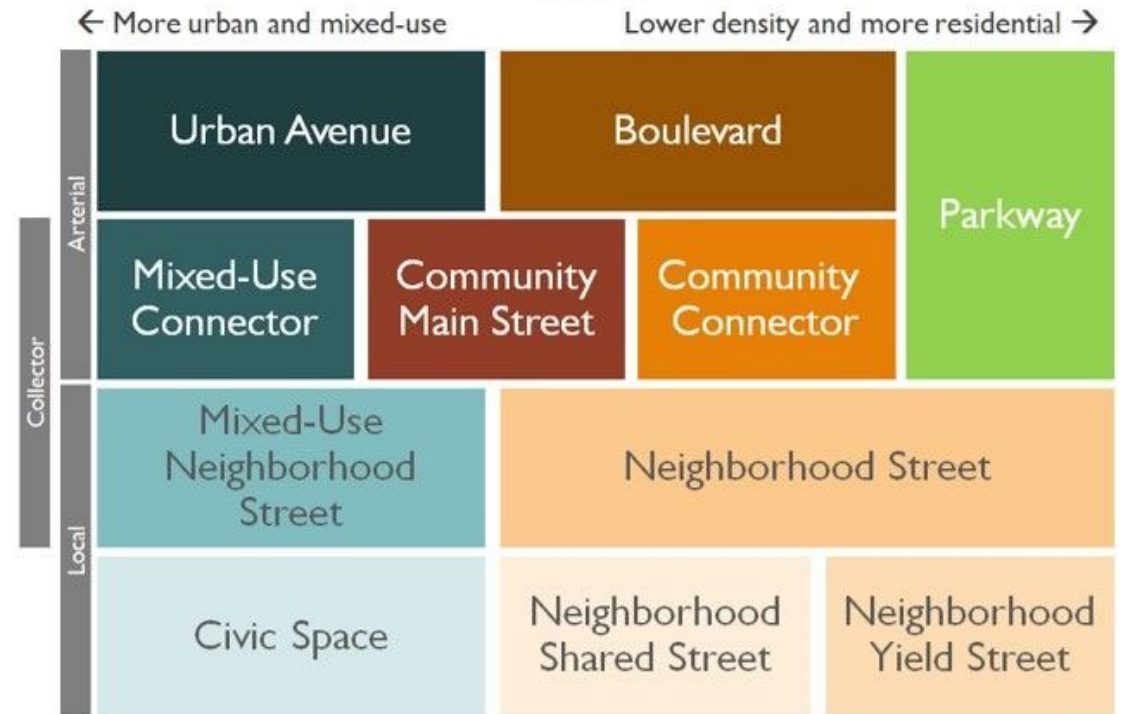


Figure 22 Complete Green Streets Guide

Typology based on Context



Metro Transit

E-W BRT

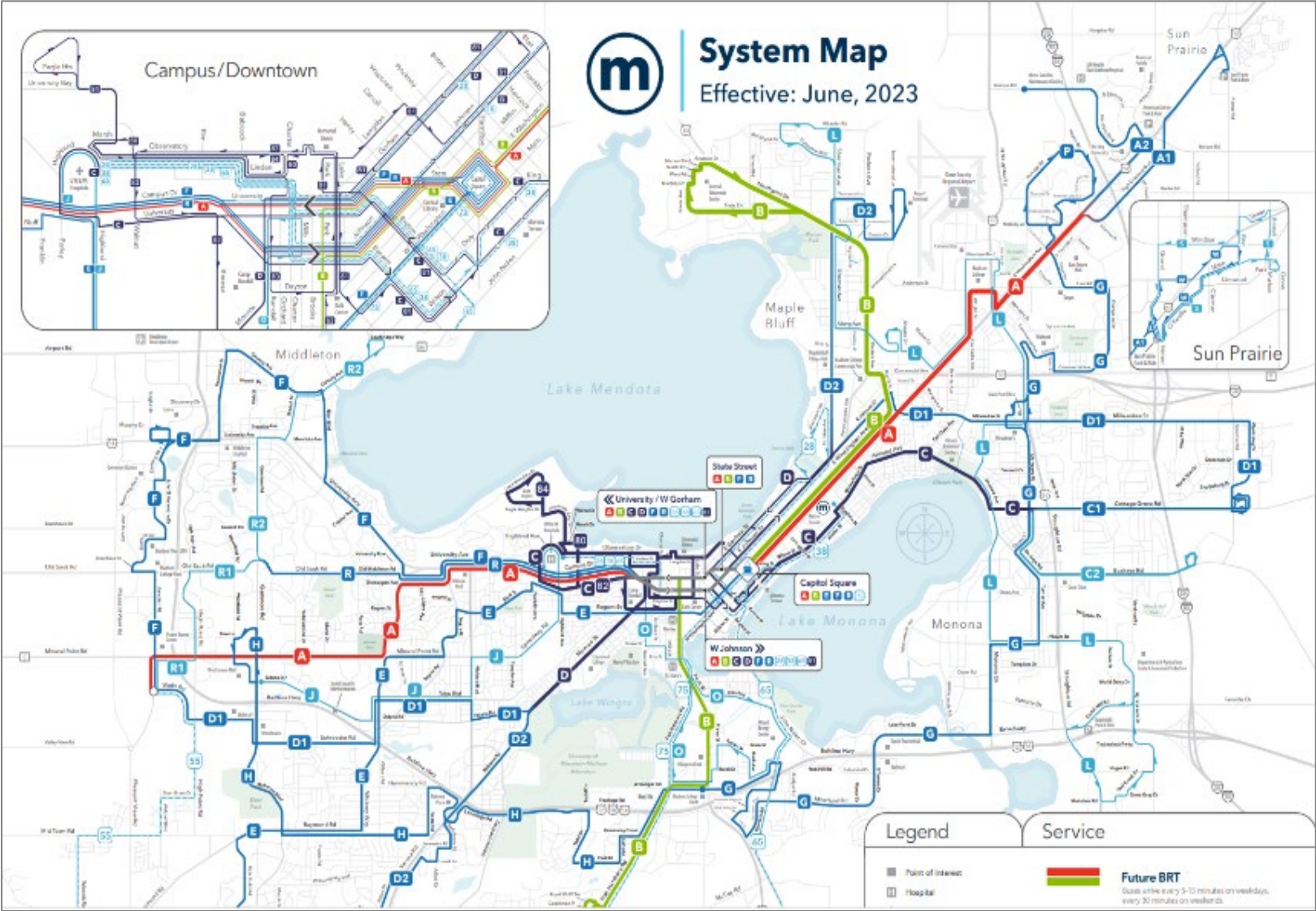
- Environmental Doc
- 2 Bid Packages
- Bidding of Early Works and Maind Bid Package
- Bus Order for 46 Buses
- BRT Ground breaking



Figure 24 BRT Groundbreaking

Metro Transit

Transit Network Redesign



Metro Transit

1101 East Washington Upgrades



Figure 28 Metro Transit 1101 East Washington Ave Driver Area



Figure 27 Metro Transit 1101 East Washington Ave Maint Bay

Parking Division

State Street Campus (Lake St) Approval

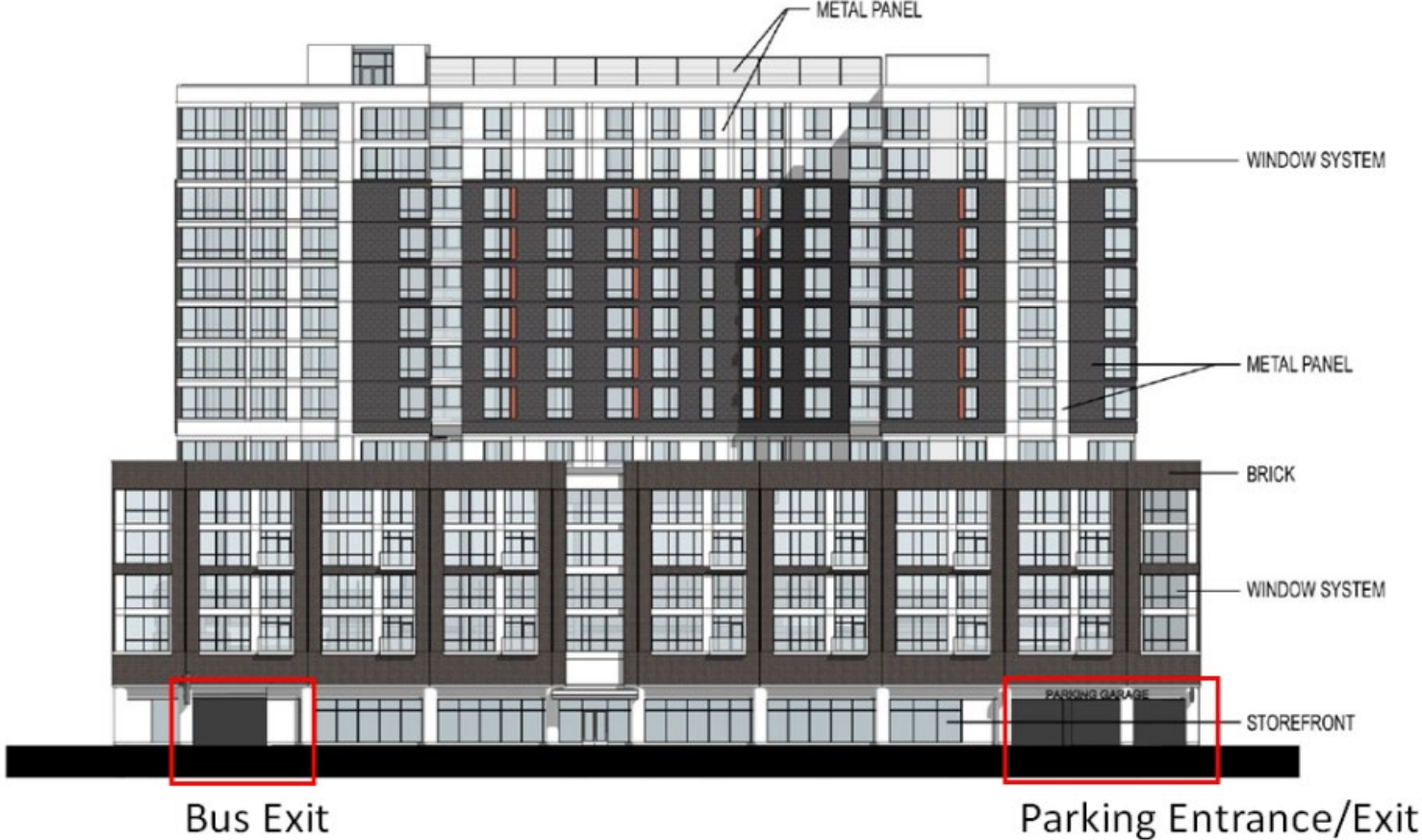


Figure 29 State Street Campus Mixed Use Development

Parking Division

PEO

Transition



Vehicle Relocation



Future Interim Home

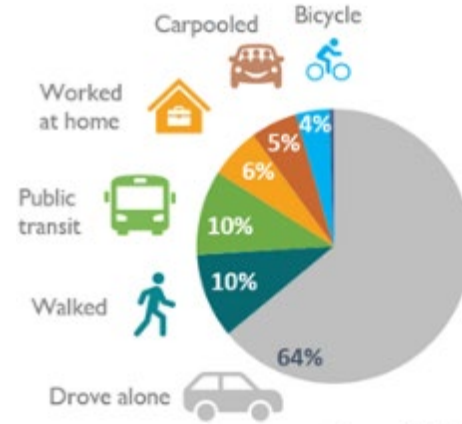
Transportation Department 2022 Initiatives



Amtrak Station

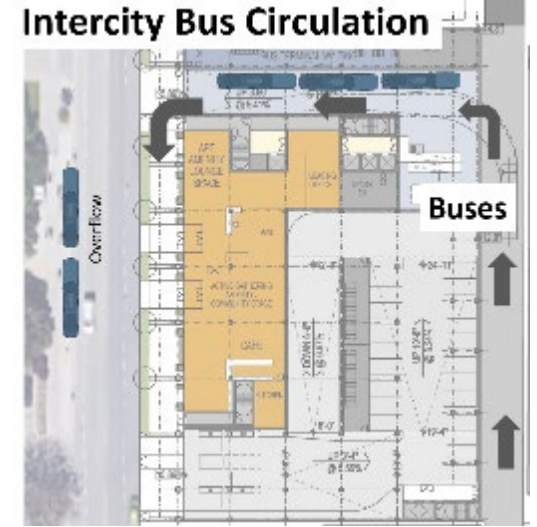


Complete Green Streets



Source: ACS 2019 1-year

Transportation Demand Management



Intercity Bus Terminal



East-West BRT



East-West BRT



Vision Zero