

Move Culver City: Tactical Mobility Lane Pilot

Downtown Corridor Monthly KPI Report | January 2022

Report V1.1 published November 1, 2022

Project Background

Move Culver City was started in 2020 by Culver City's Department of Transportation and Department of Public Works to reimagine streets as public space and prioritize moving people over cars on three corridors in Culver City.

In November 2021, Move Culver City implemented mobility lanes in both directions on the 1.3-mile stretch of Culver Blvd and Washington Blvd between La Cienega Ave and Duquesne Blvd: the Downtown Corridor. The mobility lanes provide dedicated street space for sustainable transportation such as cyclists, scooters, and transit in Downtown Culver City and Arts District.

A primary component of the Move Culver City project is monitoring the impacts of the mobility lanes. The purpose of the Monthly KPI Report is to measure the impacts the project has on sustainable transportation growth including bicycle, pedestrian, micromobility, and transit use and operations, while also understanding impacts on vehicle travel times and volumes on and around the corridor.

Data Sources Overview

The Monthly KPI Report utilizes all available and relevant historical data and compares it to current conditions for each transportation mode: transit operations, transit ridership, bicycle volumes, pedestrian volumes, micromobility activity, vehicle volumes, and vehicle travel time.

Due to the drastic changes the COVID-19 pandemic has on our travel patterns, this report looks at two historical data sources when available. Historical data collected before March 2020 is considered Pre-Pandemic conditions. Historical data collected during 2021 is considered Pre-Implementation conditions. Data collected after November 2021 is considered Post-Implementation conditions. Data collected starting January 16, 2022 is considered Post-Implementation conditions, when the corridor re-opened after design changes were made.

Historical and current data sources are listed to the right for each transportation mode being monitored and evaluated monthly in this report. Additional data will be collected for mid-project and post-project evaluations of the Downtown Corridor.

The metrics detailed in this report can be attributed to changes resulting from the project as well as other local and regional changes to travel demand.

Transit Operations

- *Pre-Pandemic:* Feb 2020
- *Pre-Implementation:* Same month in 2021
- *Post-Implementation:* 1/16/2022 to last day of Past Month
- *Source:* Culver CityBus

Transit Operations and Transit Ridership assessment compares past month to the same month in the pre-implementation year to account for seasonality factors.

Transit Ridership

- *Pre-Pandemic:* Sept 2019
- *Pre-Implementation:* Same month in 2021
- *Post-Implementation:* 1/16/2022 to last day of Past Month
- *Source:* Culver CityBus

Vehicle Travel Times

- *Pre-Pandemic:* Sept 2019
- *Pre-Implementation:* Sept 2021
- *Post-Implementation:* 1/16/2022 to last day of Past Month
- *Source:* Waze and INRIX traffic data collected through cell phone activity

Vehicle Volumes

- *Pre-Implementation:* Sept 2021
- *Post-Implementation:* 1/16/2022 to last day of Past Month
- *Source:* GRIDSMART cameras

Pedestrian Volumes

- *Pre-Implementation:* Sept 2021
- *Post-Implementation:* 1/16/2022 to last day of Past Month
- *Source:* GRIDSMART cameras

Bicycle Volumes

- *Pre-Pandemic:* Nov 2019
- *Post-Implementation:* 1/26/2022 to last day of Past Month
- *Source:* Data collected through video recording and counted manually

Micromobility

- *Pre-Implementation:* Same month in 2021
- *Post-Implementation:* 1/16/2022 to last day of Past Month
- *Source:* Populus micromobility trip data provided by Bird and Wheels

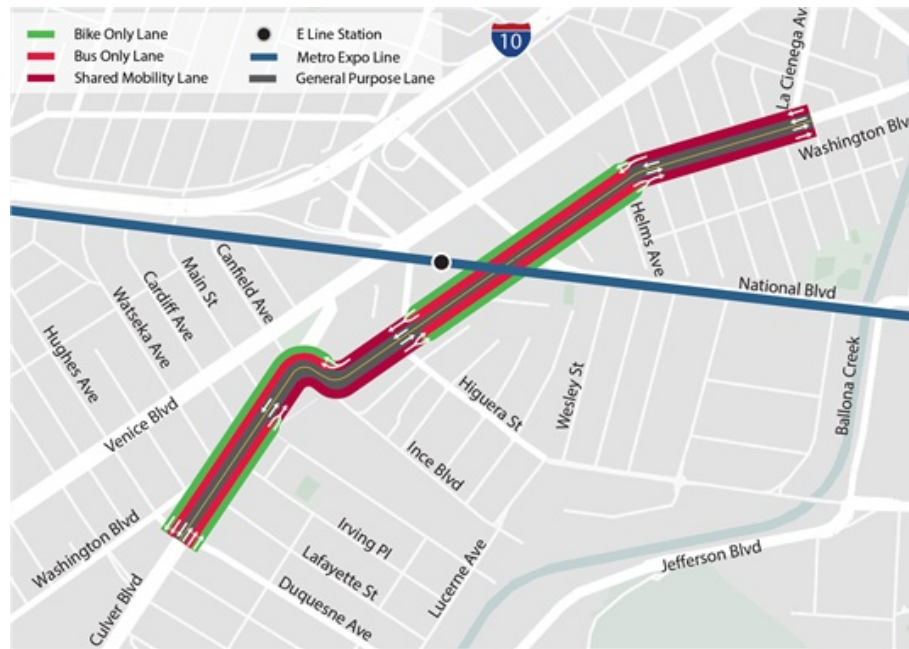
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Downtown Corridor is Culver Blvd at Duquesne Ave to Washington Blvd at La Cienega Ave

MOVE Culver CITY

It's how we get there.



Active Transportation Users

Average Daily Volumes on Downtown Corridor

21,053 total users since project launch

	Bicycle Volumes	Pedestrian Volumes	Micromobility Trips
1/16/22 - 1/31/22	392	1,096	72
% Change from Pre-Implementation	+45%	-9%	+1,000%
Total Users Since Project Launch	2,352	17,543	1,158

Move Culver City Downtown Corridor



Culver CityBus Activity

Average Daily activity on Downtown Corridor

11,923 total transit riders since project launch

Ridership		Past Month	% Change from January 2021
CCB1/5/7	from Duquesne to La Cienega Ave	795	+65%
Circulator	from Duquesne to La Cienega Ave	13	N/A
On-Time Performance			% Change from Pre-Pandemic
CCB1/5/7	from Duquesne to La Cienega Ave	92%	+4%
Circulator	from Duquesne to La Cienega Ave	91%	N/A



Vehicle Activity

Weekday AM Peak Hour (8:00 - 9:00 AM)

-18% less vehicles per day

Travel Time	January 2022	% Change from September 2019	% Change from September 2021
Downtown Corridor	6.3 min	-10%	+12%
Jefferson Blvd from Duquesne to National	2.8 min	-16%	-9%
Venice Blvd from Duquesne to La Cienega Ave	4.0 min	-20%	-21%

Source: Culver CityBus, GRIDSMART, Populus, Waze, INRIX, Manual peak hour counts from video recording

Note: Pre-Implementation data is from November 2019 for bikes, October 2021 for pedestrians, and January 2021 for Micromobility. Project launch in this report is considered January 16, 2022, when the corridor re-opened after design changes were made.

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Transit Operations



Local transit service



Source: Culver CityBus

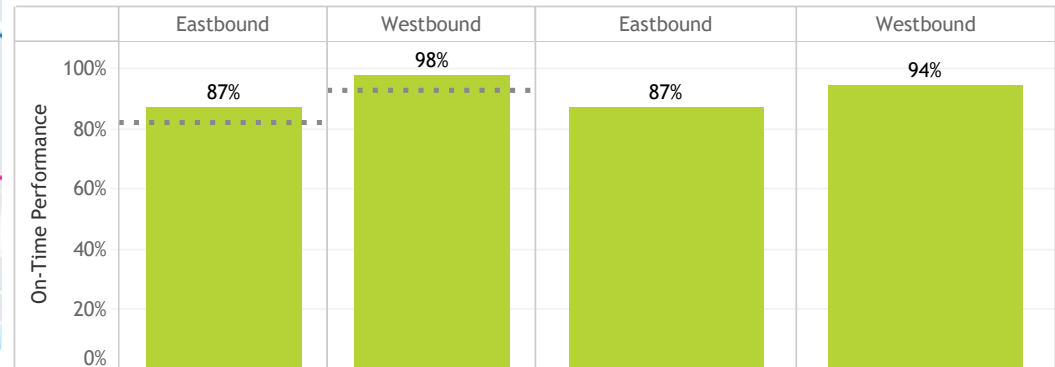
Note: "Corridor" refers to the Move Culver City Downtown Corridor, between Duquesne Ave and La Cienega Ave. Pre-Pandemic Culver CityBus Ridership from September 2019.

Culver CityBus Average Daily On-Time Performance From Duquesne Ave to La Cienega Ave

Pre-Pandemic February 2020
Past Month 1/16/2022 - 1/31/2022
Pre-Implementation January 2021

CCB1/CCB5/CCB7

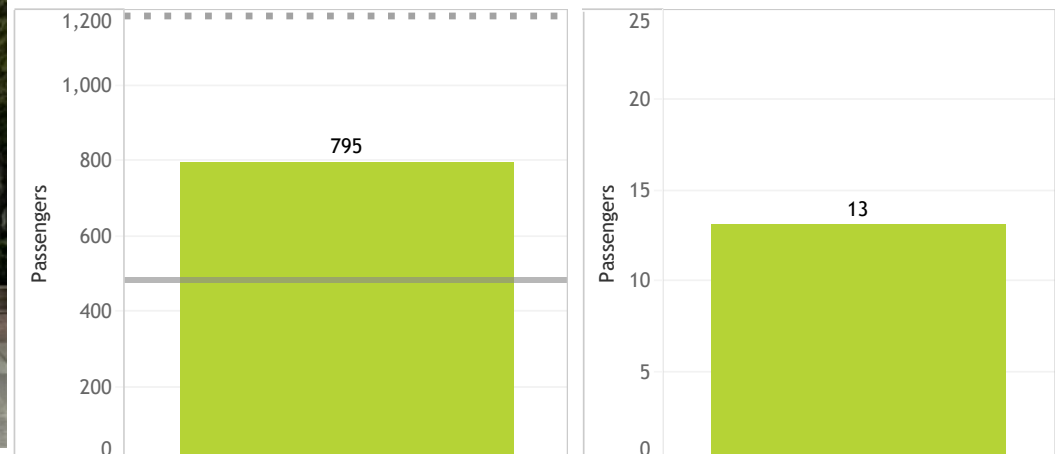
Circulator



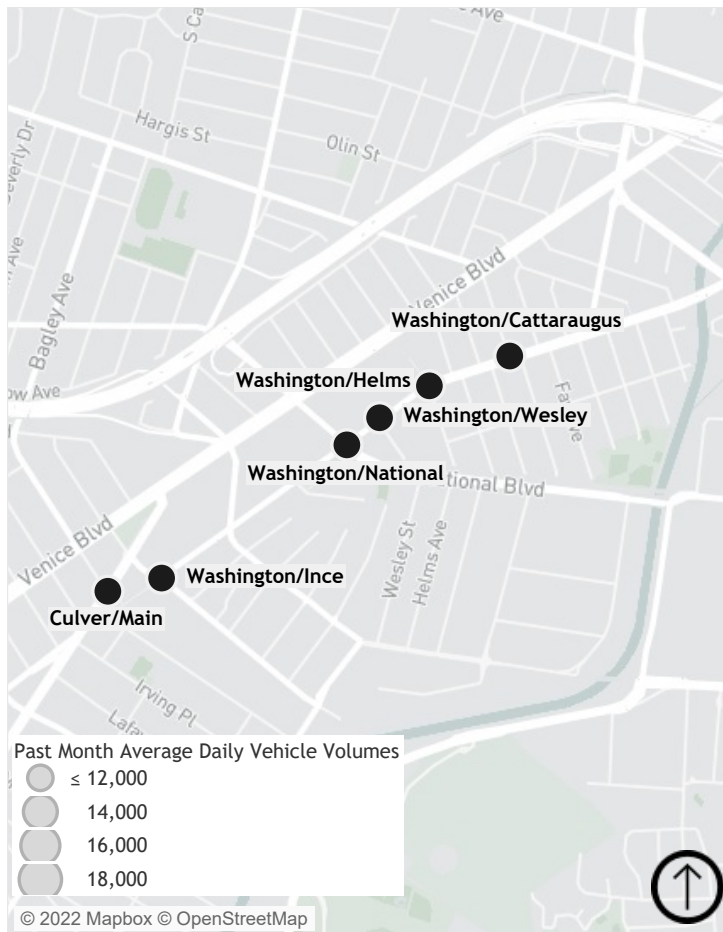
Culver CityBus Average Daily Corridor Ridership From Duquesne Ave to La Cienega Ave

CCB1/CCB5/CCB7

Circulator



Vehicle Volumes



GRIDSMART camera locations

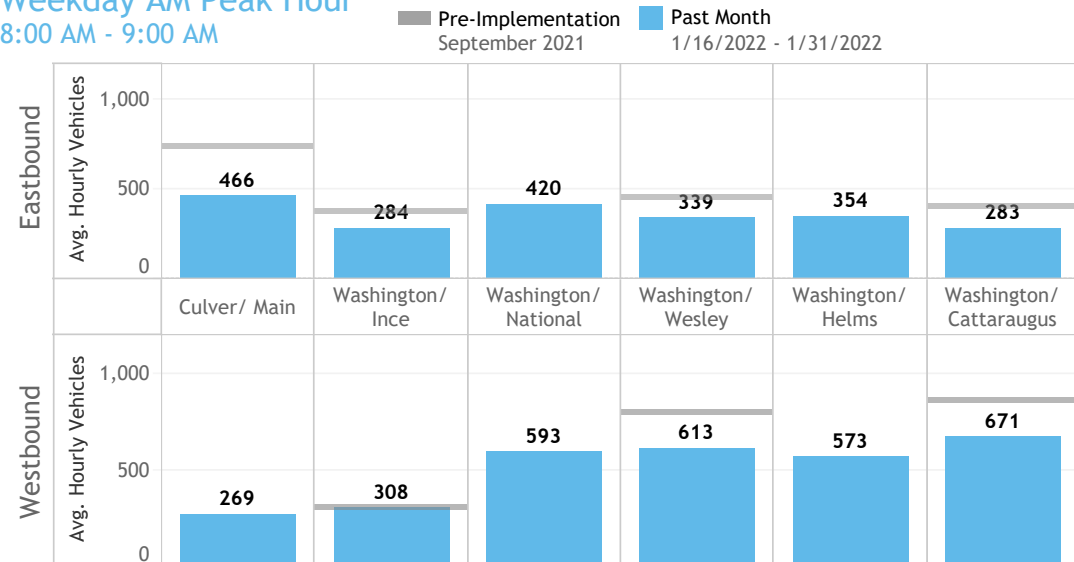
Average Daily Traffic

	Pre-Implementation	Past Month
Weekday	14,236	11,899
Weekend	9,247	8,927

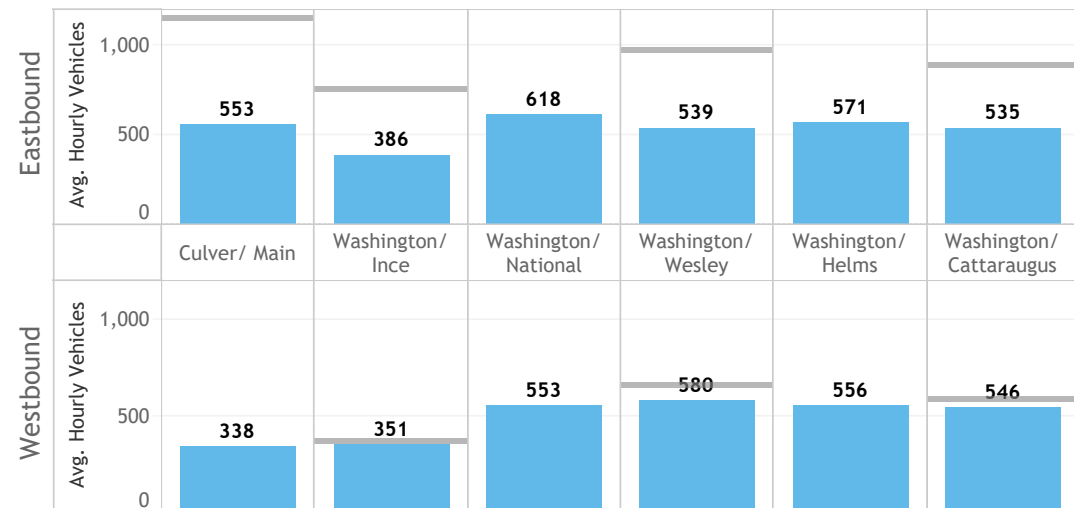
Source: GRIDSMART

Note: Pre-Implementation data unavailable for Washington/National and Washington/Helms. Westbound Culver/Main closed for outdoor dining during Pre-Implementation period. Average Daily Traffic for Pre-Implementation data is an average of four intersections; Past Month data is an average of six intersections. Culver/Main missing data 1/16/22, 1/31/22 due to camera malfunction.

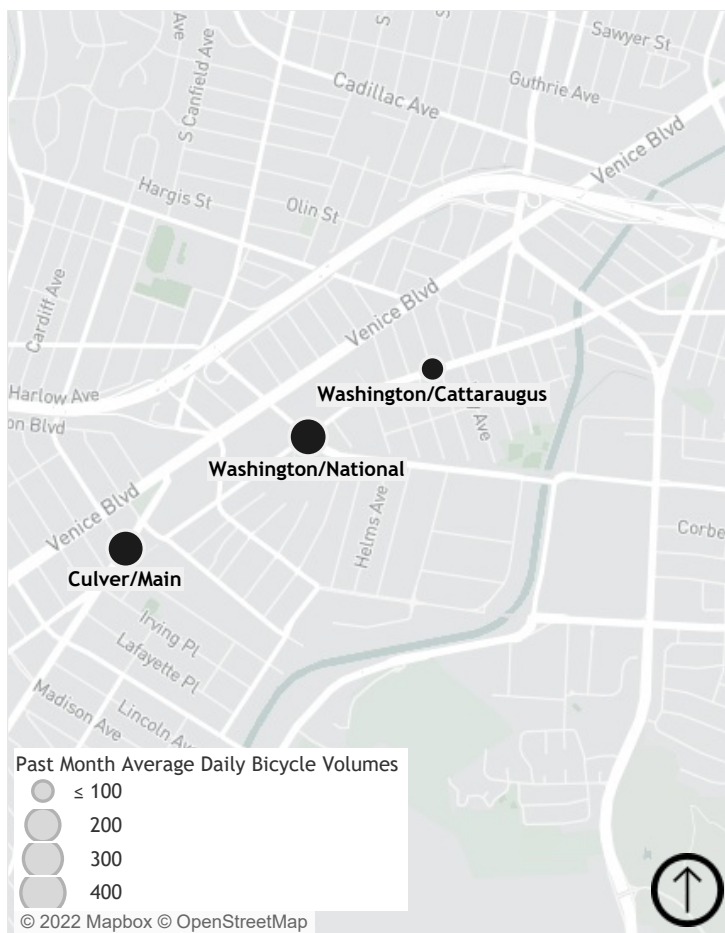
Weekday AM Peak Hour 8:00 AM - 9:00 AM



Weekday PM Peak Hour 4:30 PM - 5:30 PM



Bicycle Volumes



Street camera locations

Average Bicycle Volumes

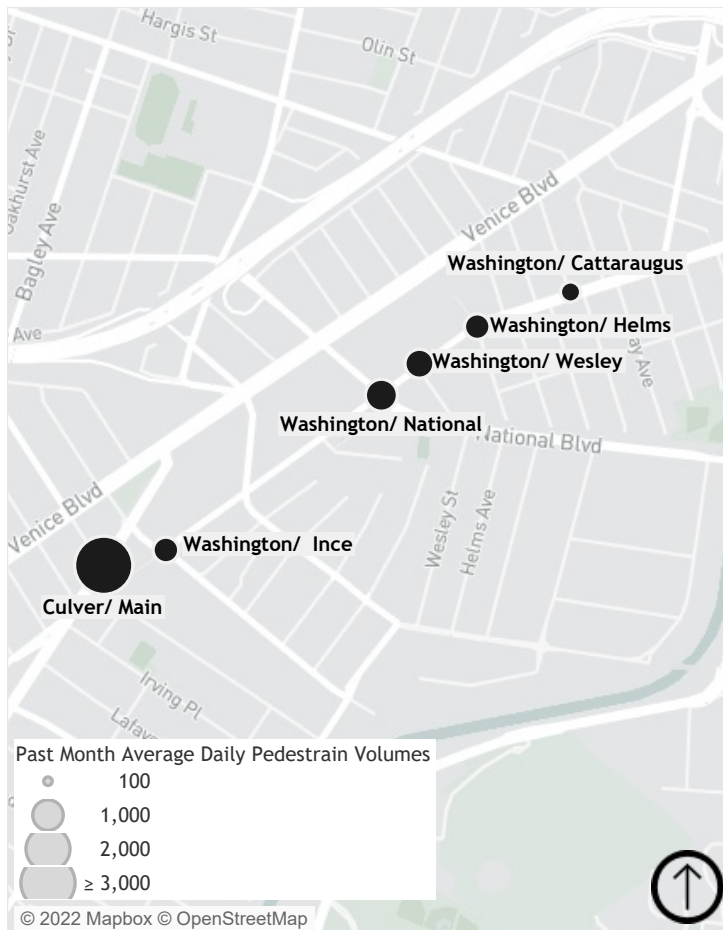
	Pre-Pandemic	Past Month
Weekday	270	392
Weekend	N/A	N/A

Source: Manual peak hour counts from video recording.

Note: Pre-Pandemic data unavailable on weekends and weekday for Washington/Cattaraugus. Manual data collection for Post-Implementation began 1/26/2022. Average Daily Bicycle Volumes extrapolated from peak hour volumes. Average Bicycle Volumes for Pre-Pandemic data is an average of two intersections.



Pedestrian Volumes



GRIDSMART camera locations

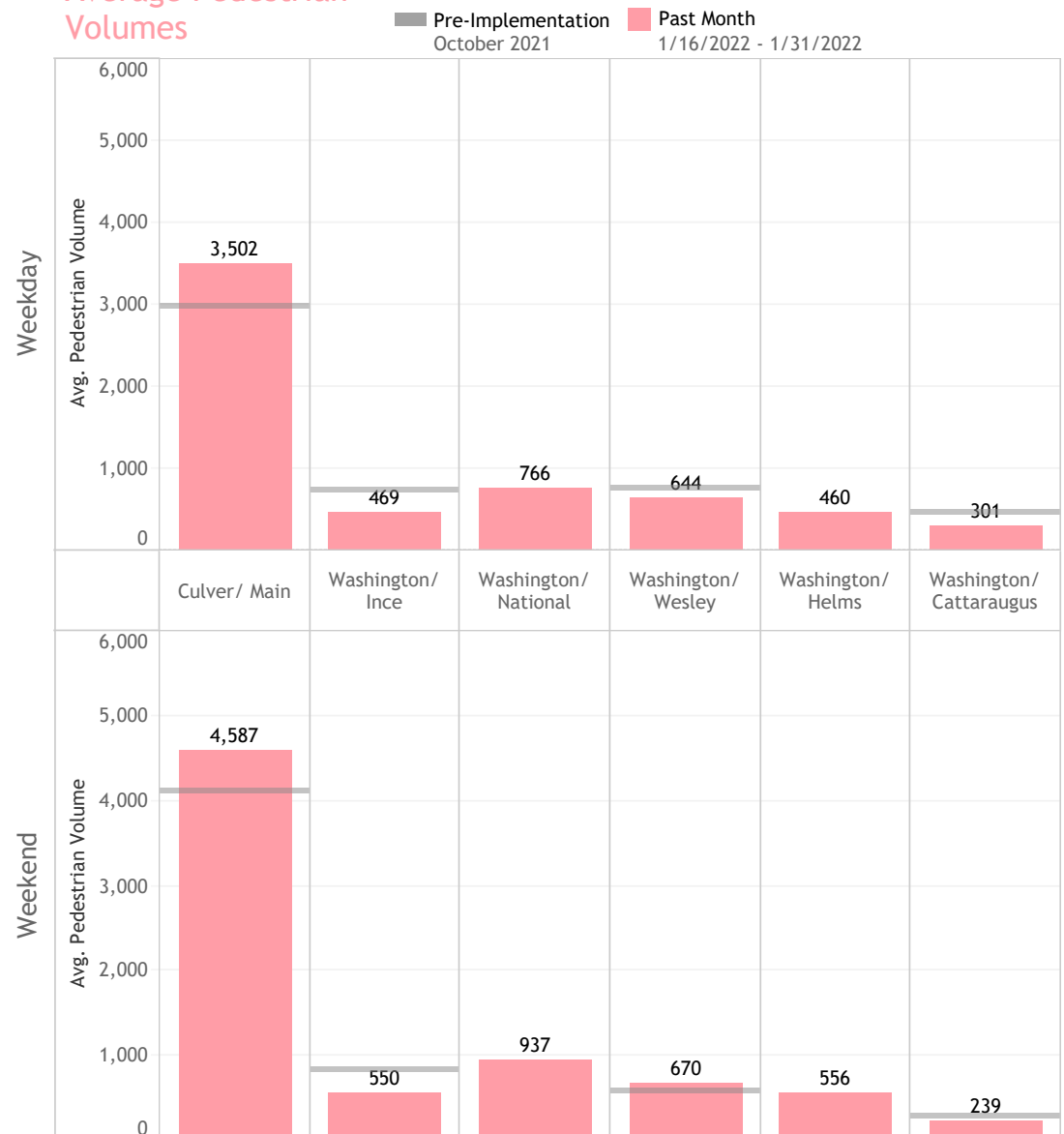
Average Pedestrian Volumes

	Pre-Implementation	Past Month
Weekday	1,225	1,024
Weekend	1,570	1,257

Source: GRIDSMART

Note: Pre-Implementation data 10/5/2021 - 10/31/2021. Saturday, 10/9/2021 excluded due to Walk n Roll community event. Average Pedestrian Volumes for Pre-Implementation data is an average of four intersections.

Average Pedestrian Volumes



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Vehicle Travel Time



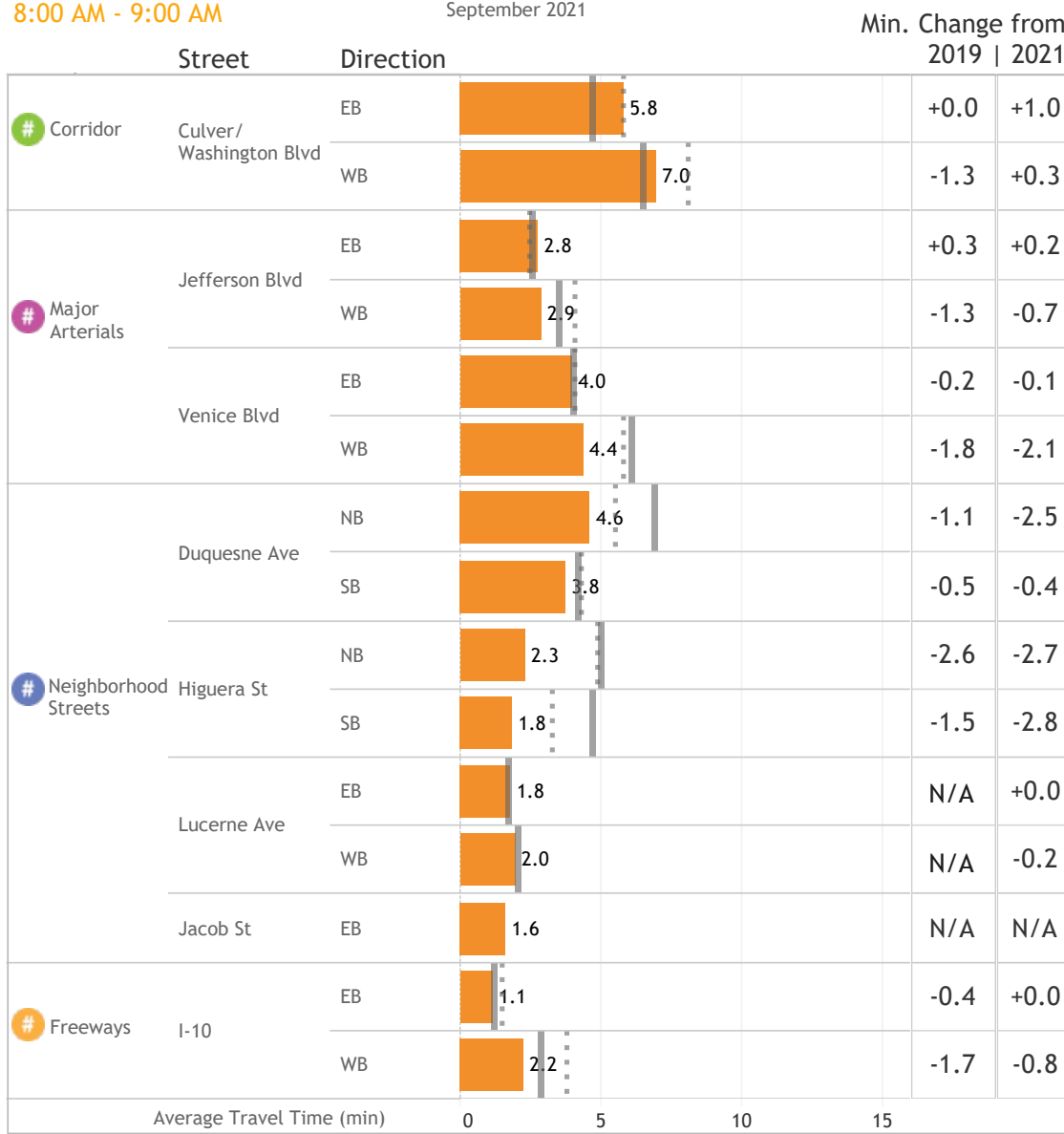
Key vehicle routes

Weekday AM Peak Hour
8:00 AM - 9:00 AM

Pre-Pandemic
September 2019

Past Month
1/16/2022 - 1/31/2022

Pre-Implementation
September 2021



Source: Waze, INRIX

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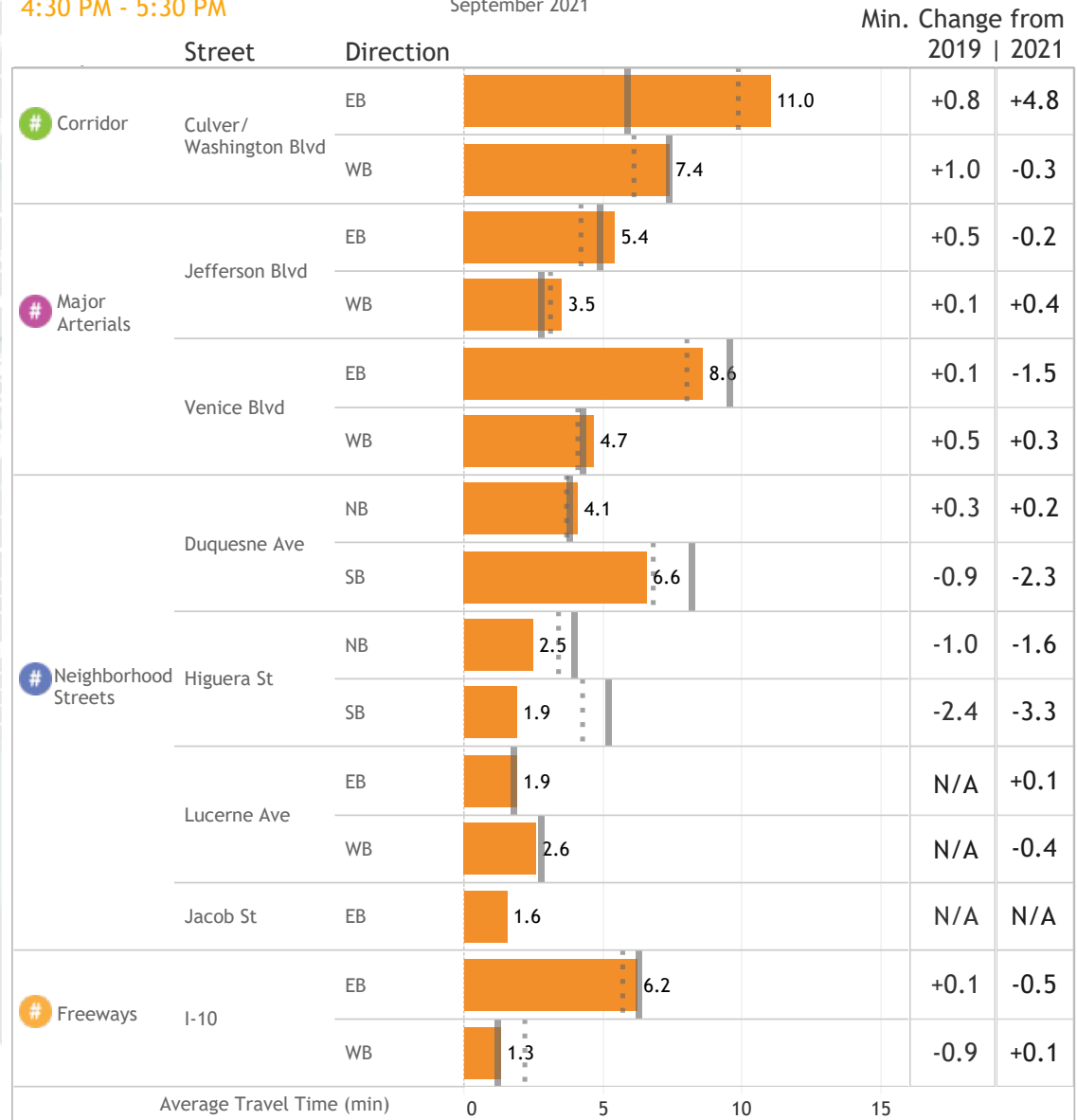
Vehicle Travel Time



Key vehicle routes

Weekday PM Peak Hour
4:30 PM - 5:30 PM

■■■ Pre-Pandemic
September 2019
 ■ Past Month
1/16/2022 - 1/31/2022
 ■ Pre-Implementation
September 2021



Source: Waze, INRIX

Note: "Corridor" refers to the Move Culver City Downtown Corridor, between Duquesne Ave and La Cienega Ave. Min change is compared to Past Month.

Shared Micromobility Activity



Move Culver City Study Area



Average Daily Trips



Study Area Metrics

	Pre-Implementation	Post-Implementation	Past Month	% Change
Total Monthly Trips	3	1,158	1,158	+1,000%
Average Daily Trips Originating in Study Area	0	50	50	+1,000%

Source: Populus
 Note: Wheels service active August 2021 to Present. Bird service active July 2018 to March 2020 and November 2021 to Present. % Change is from Pre-Implementation to Past Month.