



Left Turn Restrictions Study

September 21, 2021



Presented to:



Presented by:

**Sam
Schwartz**

Project Overview

Project Goal

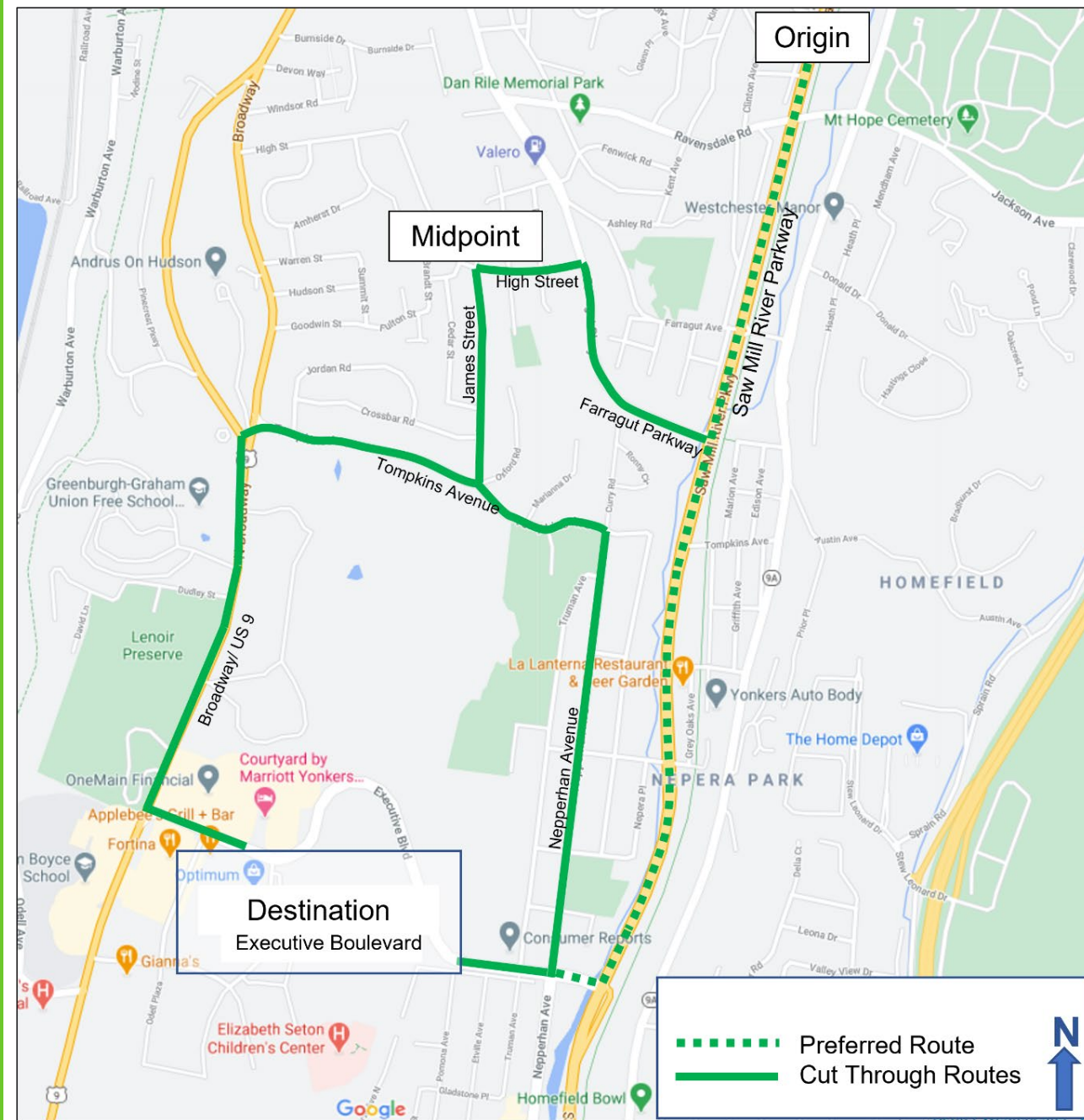
Implement options to reduce the number of cut-through trips and identify the effectiveness of those treatments.

Study Timeline:

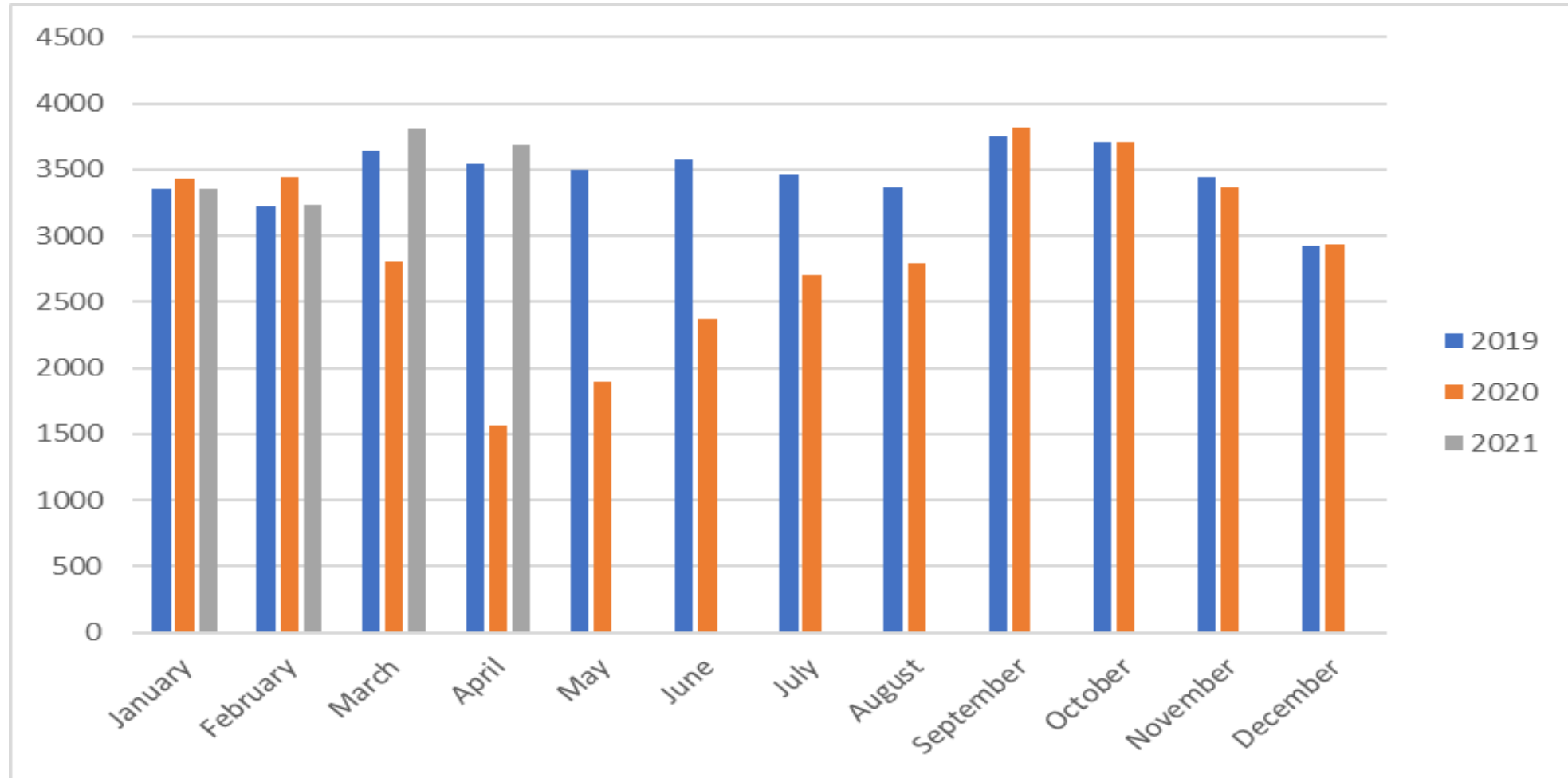
- I. Pre-Pandemic – March 2019 to February 2020
- II. Left Turn Restrictions – March 2020 to October 2020
- III. Left Turn Restrictions with Stop Signs – November 2020 to February 2021
- IV. U-Turn restrictions – March 2021 to April 2021

Study Area

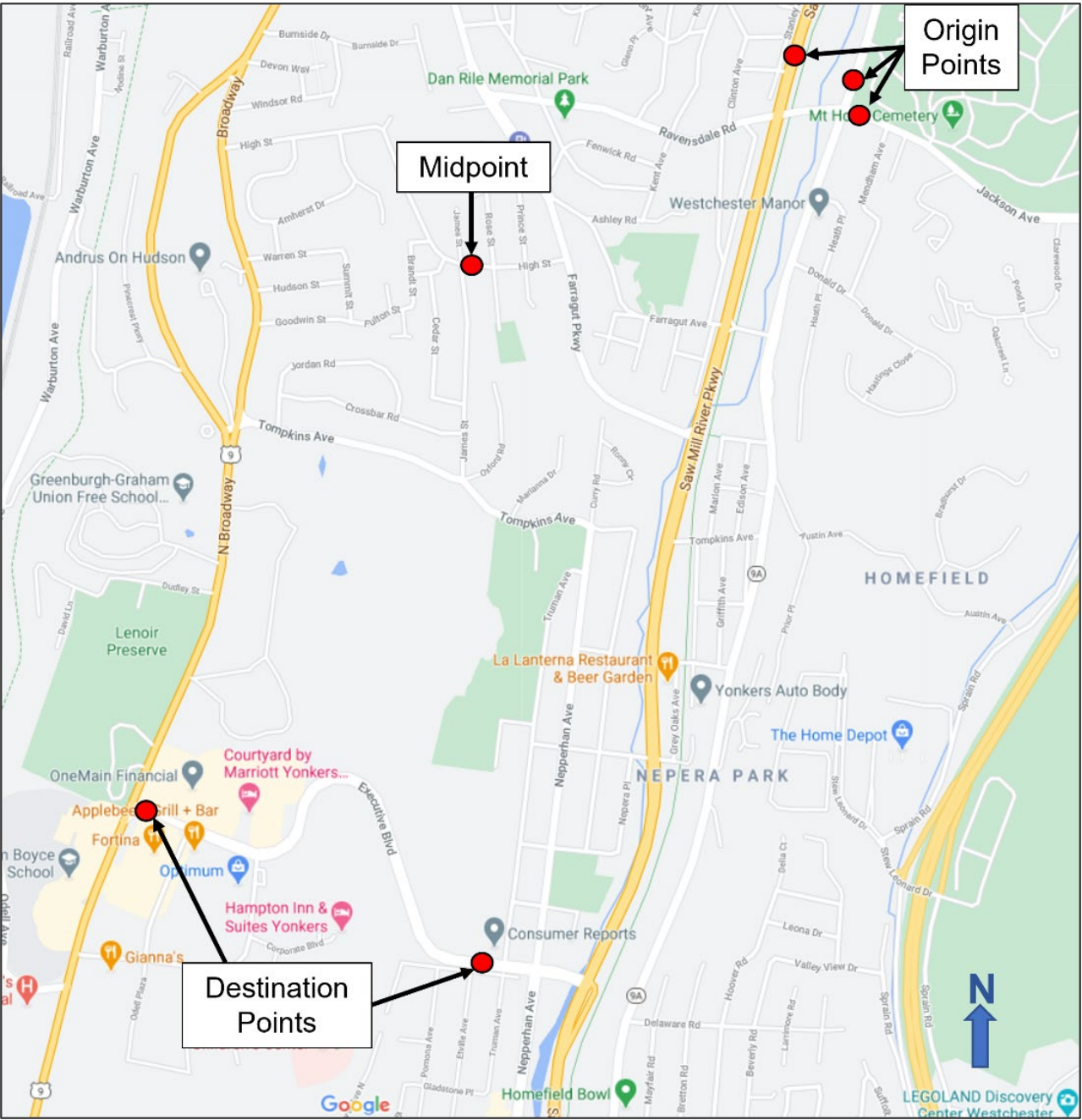
The Cut Through routes are used to bypass the traffic on Executive Boulevard at the Saw Mill River Parkway



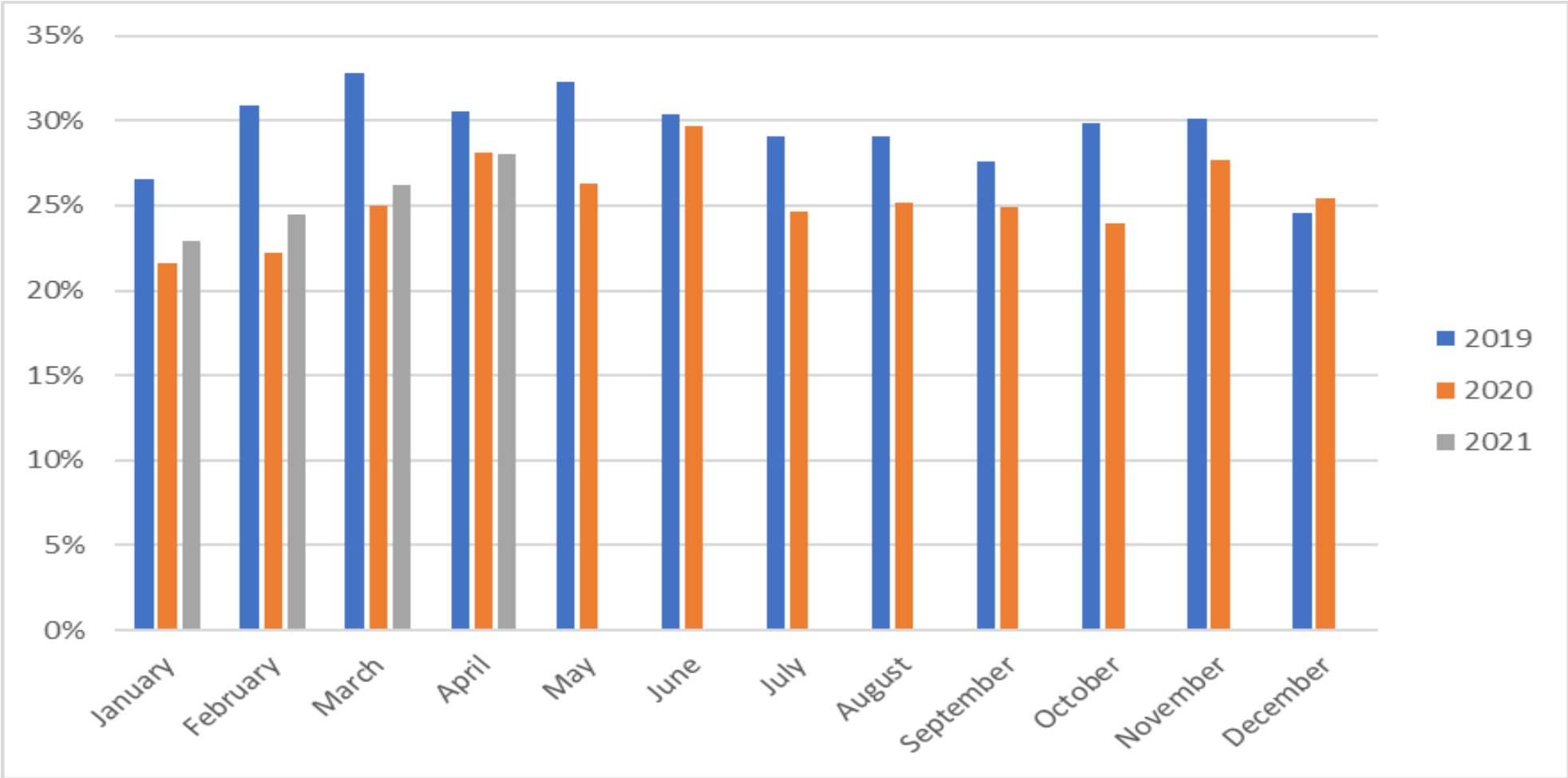
COVID Impacts on Regional Traffic Volumes



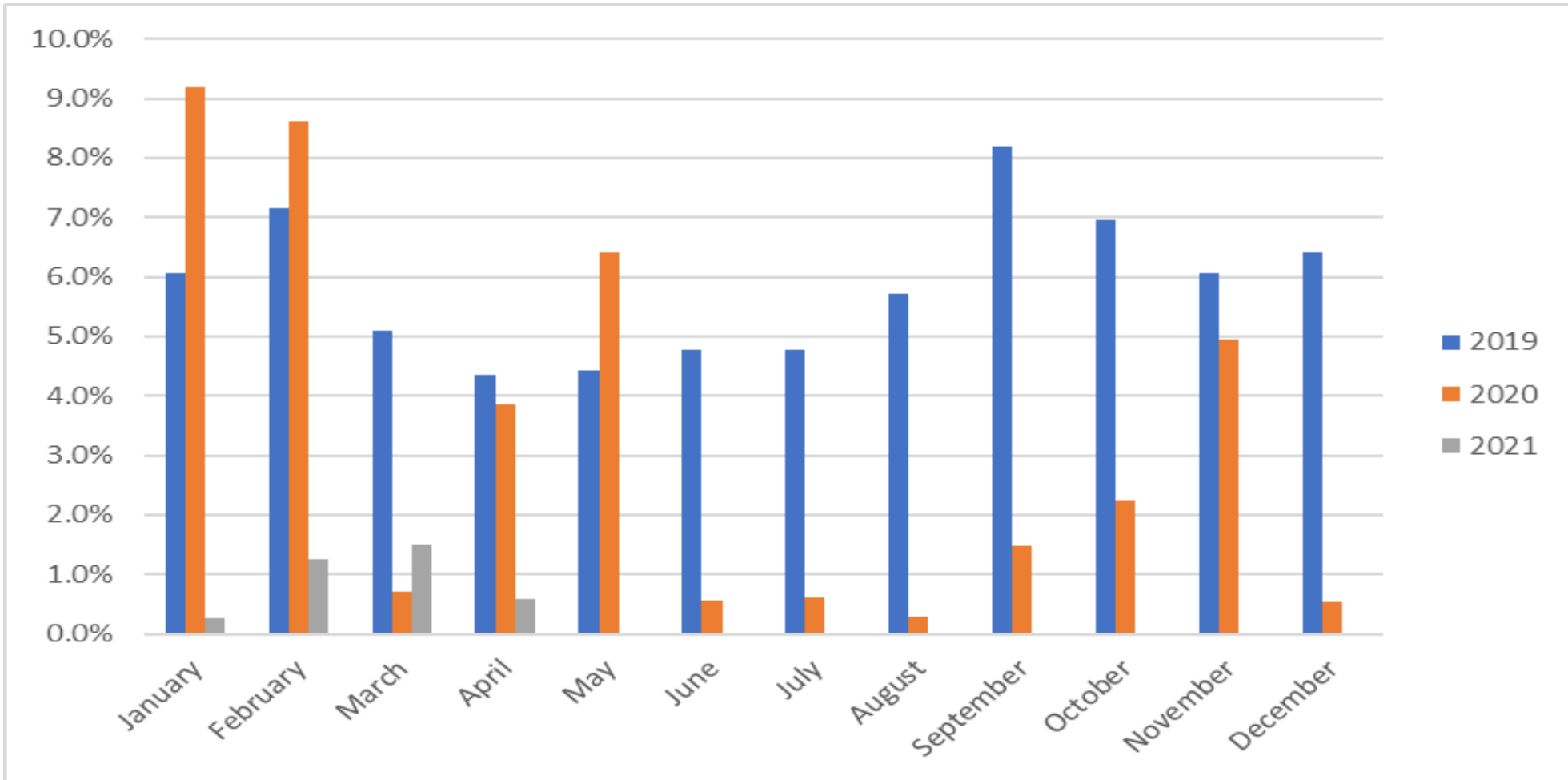
Origination and Destination Points



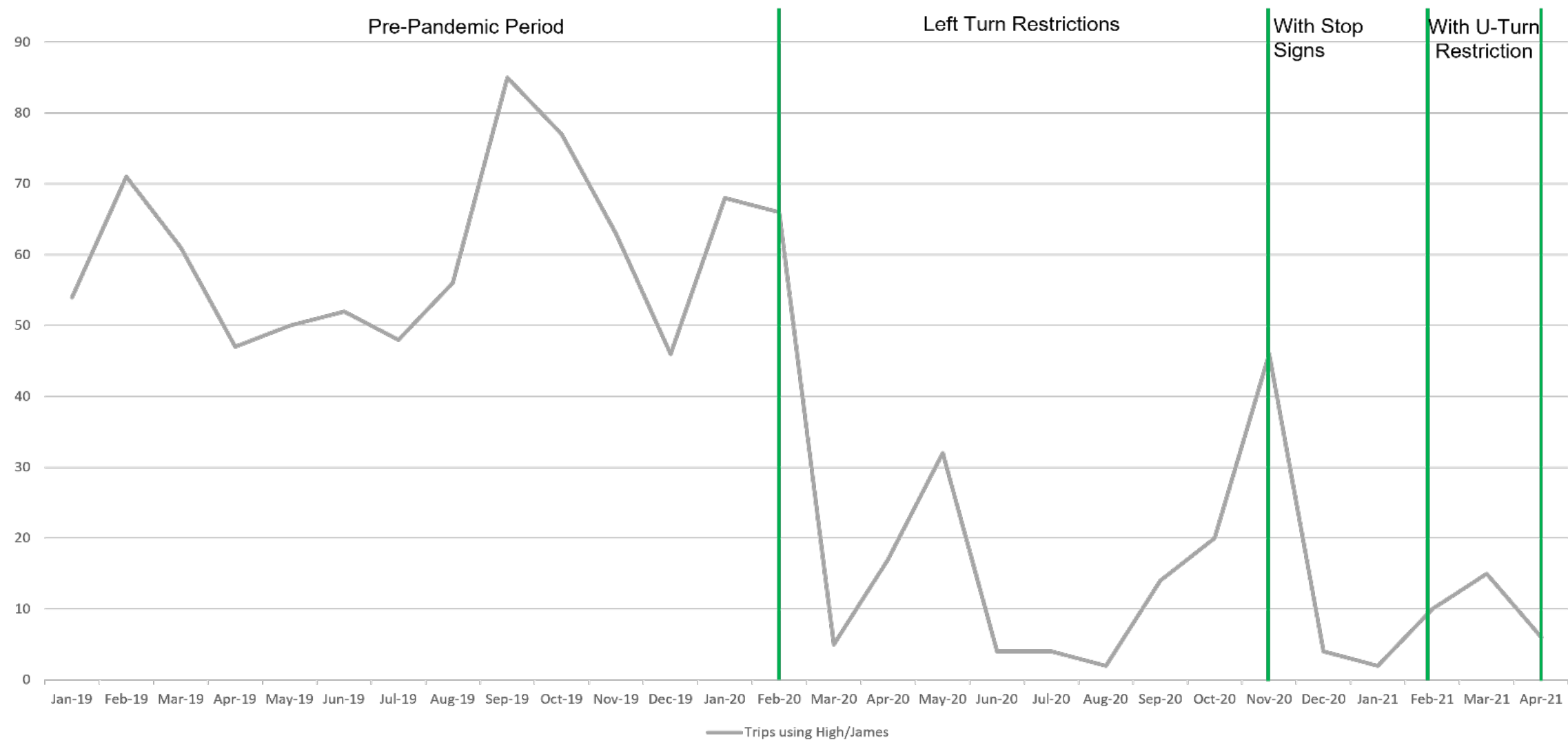
Percentage of Origin-Destination Trips compared to the SB Volumes on the Saw Mill River Parkway



Percentage of O-D Trips Utilizing the intersection of High Street and James Street



Cut Through Trips, from January 2019 through April 2021



Summary of Results

Analysis Period	Total O-D Trips	Cut-Through Trips	% Reduction from Base Condition	% Cut-Through Trips
Pre-Pandemic	862 veh	62 veh	-	7.2%
Left turn Restrictions	890 veh	11 veh	82%	1.2%
Left Turn Restrictions with Stop Signs	1050 veh	9 veh	85%	0.9%
U-Turn Restrictions	951 veh	5 veh	92%	0.5%

Weekday Cut Through Trips, between 7:00 AM and 9:00 AM