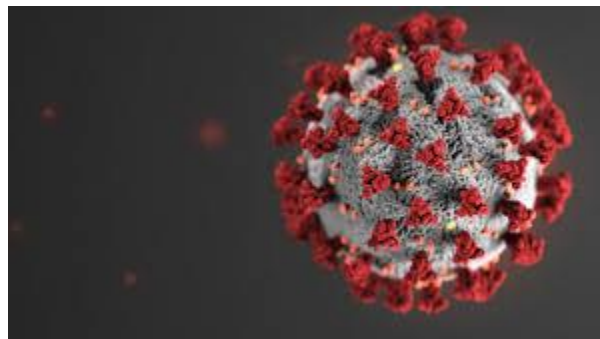


COVID-19 Impact to Traffic Lake County Division of Transportation

April 3, 2020



Executive Summary

Illinois State Mandates:

1. The State of Illinois has mandated that all K-12 public and private schools, including those in Lake County, are closed beginning March 17 to promote social distancing.
2. Beginning March 16, 2020 at 9 p.m., all businesses in Illinois that offer food or beverages for on-premises consumption - including restaurants, bars, grocery stores, and food halls - must suspend service for and may not permit on-premises consumption.
3. Beginning March 18, 2020, all community events with 50 or more people in attendance should be cancelled or postponed through the duration of the Illinois Gubernatorial Disaster Proclamation.
4. On Friday, March 20, Illinois Gov. J.B. Pritzker announced a “stay-at-home” order to take effect Saturday evening, March 21 and continue through Tuesday, April 7.
5. On Tuesday, March 31, 2020, all executive orders are extended to April 30 to accommodate a federal extension of the social distancing recommendation.

Approach Average Daily Traffic (ADT)

Intersection	Pre-COVID-19	March 24/25	% Change	March 31 – April 1	% Change
Butterfield/Virginia NB	13,291	5,618	-57.73%	5,217	-60.75%
Butterfield/Virginia SB	11,244	5,064	-54.96%	4,955	-55.93%
Lewis/Ballentine NB	12,877	8,644	-32.87%	8,847	-31.30%
Lewis/Ballentine SB	11,084	7,616	-31.29%	7,854	-29.14%
Rollins/Civic Center EB	16,944	10,047	-40.70%	10,315	-39.12%
Rollins/Civic Center WB	16,926	9,662	-42.92%	9,760	-42.34%
US 41/Old Elm NB	18,766	10,963	-41.58%	11,043	-41.15%
US 41/Old Elm SB	18,201	10,240	-43.74%	11,131	-38.84%
IL 21/IL 22 NB	16,930	7,026	-58.50%	7,031	-58.47%
IL 21/IL 22 SB	14,561	6,605	-54.64%	6,477	-55.52%
Washington/Six Flags EB	14,991	6,187	-58.73%	6,755	-54.94%
Washington/Six Flags WB	14,369	6,247	-56.52%	6,395	-55.49%
Total:	180,184	93,919	-47.88%	95,780	-46.84%

Note: Pre-COVID-19 volumes and travel times are averages from February 25-27, 2020 and March 3-5, 2020. % Change is a comparison to Pre-COVID-19 traffic volumes.

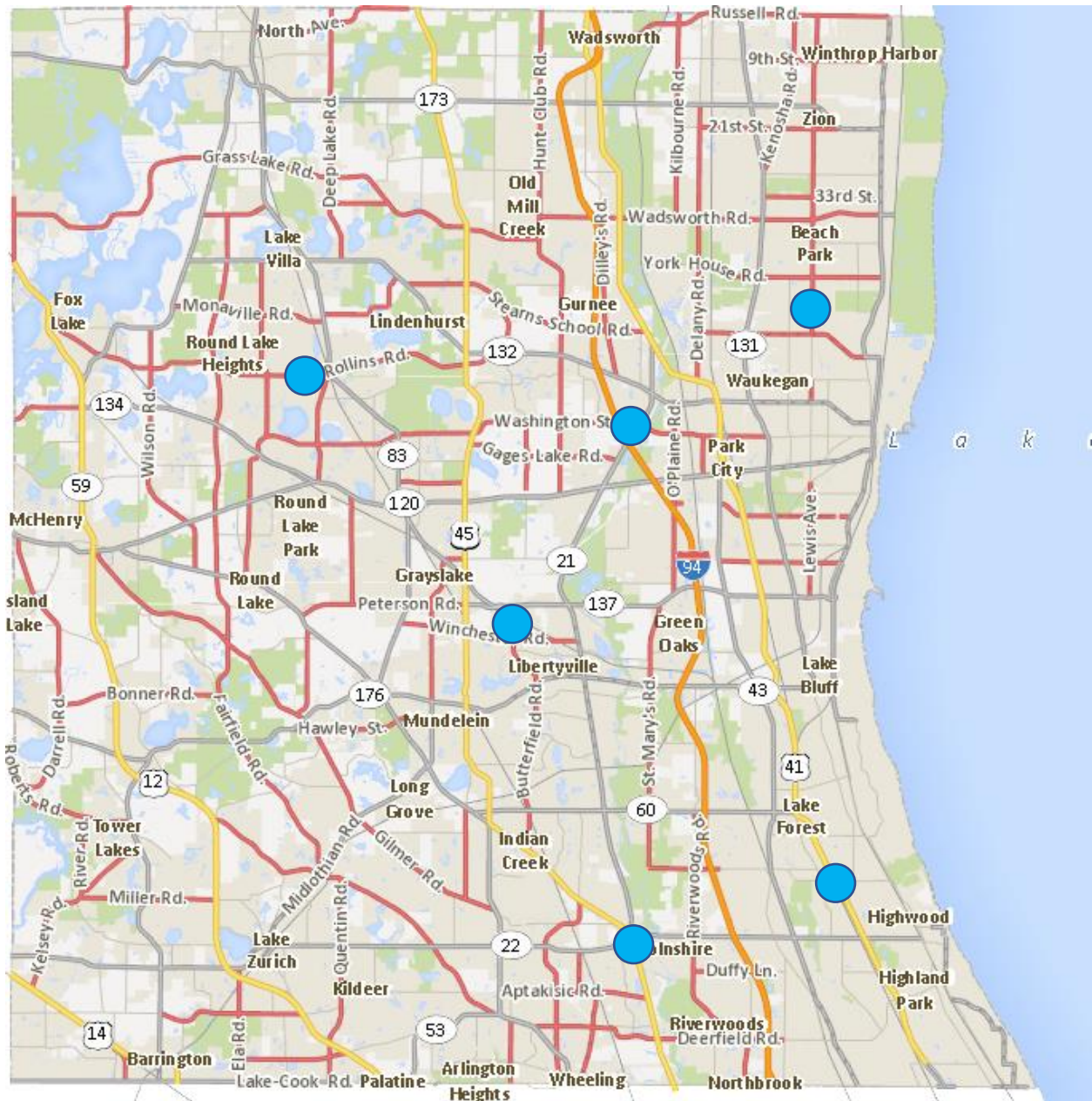
Major Conclusions:

Overall, there is an increasing trend in traffic volumes this week compared to last week. The previous two weeks had a decreasing trend in traffic volumes.

LCDOT made a systemwide timing change to all LCDOT traffic signals on March 20, 2020, Cook County and Highland Park traffic signals on March 30, 2020 and IDOT traffic signals on March 31, 2020. This resulted in lower cycle lengths, which:

1. Mainline travel times were either the same as Pre-COVID-19 or better
2. Decreases in side street delay and serving the side street more often

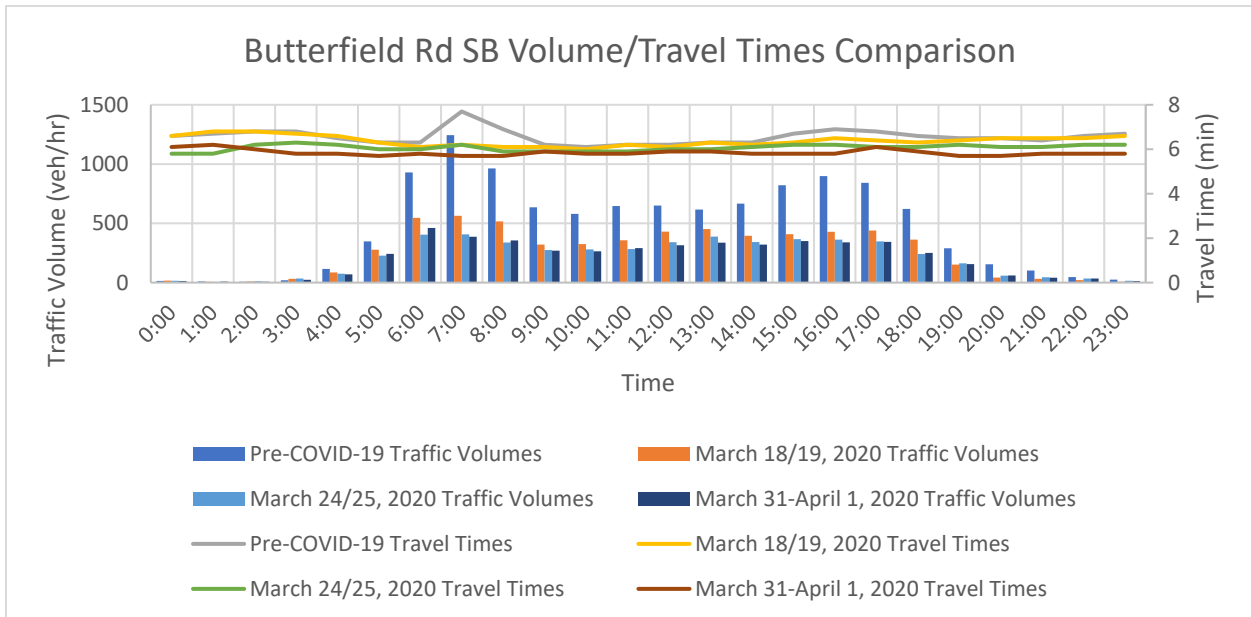
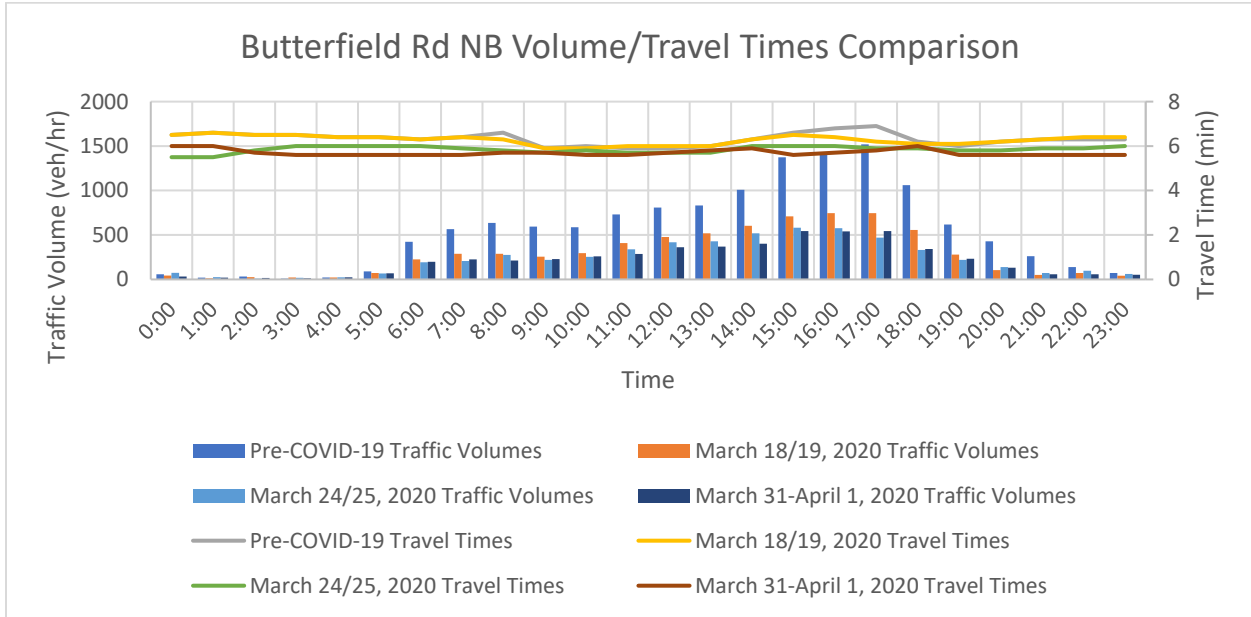
Map



Butterfield Rd

ADT: Butterfield/Virginia

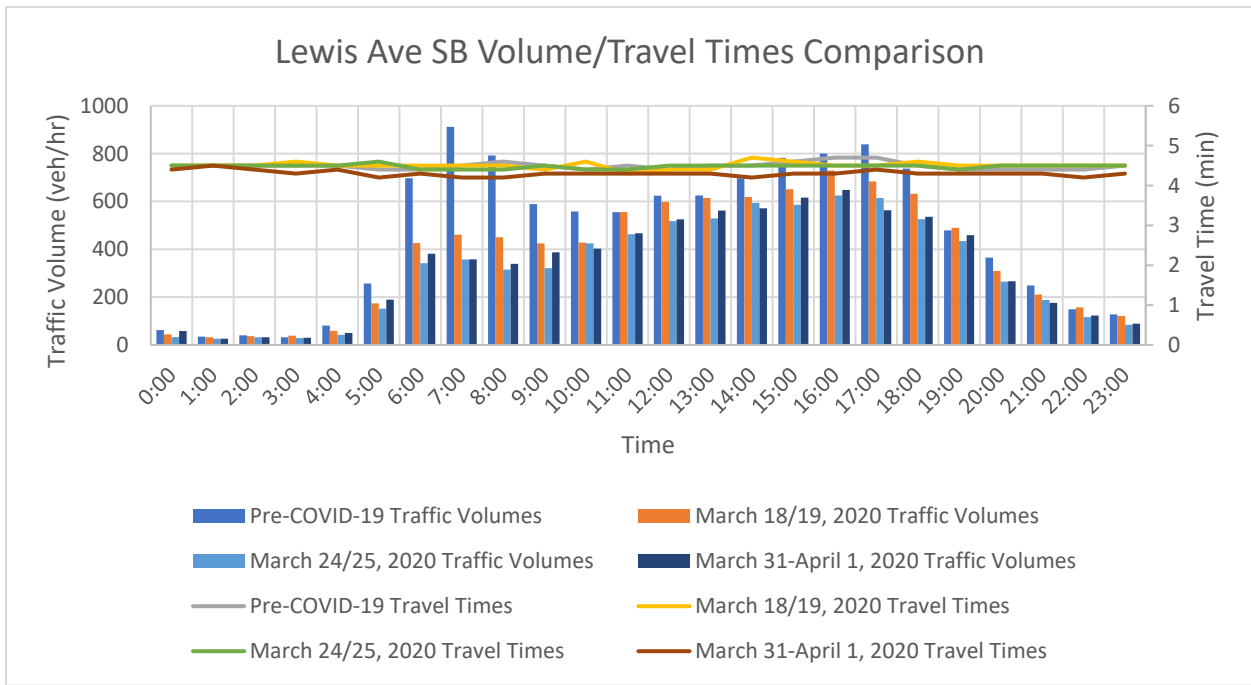
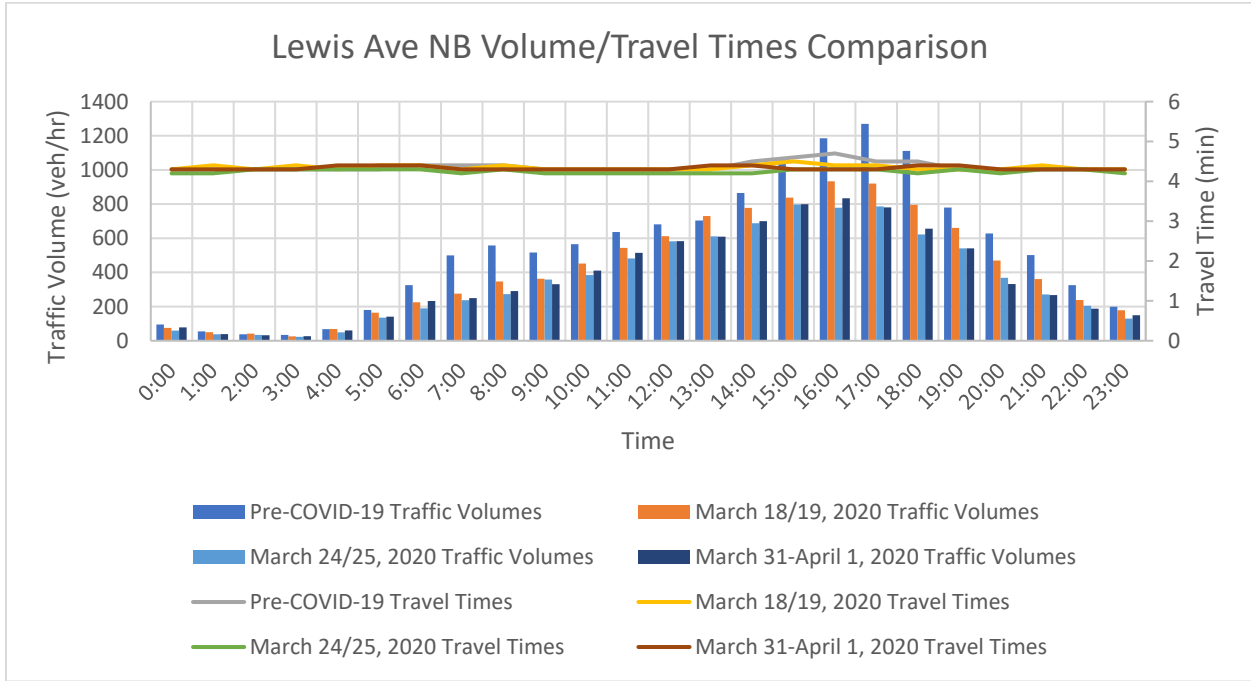
Travel Time: Butterfield Rd, between IL 137 & Allanson Rd



Lewis Ave

ADT: Lewis/Ballentine

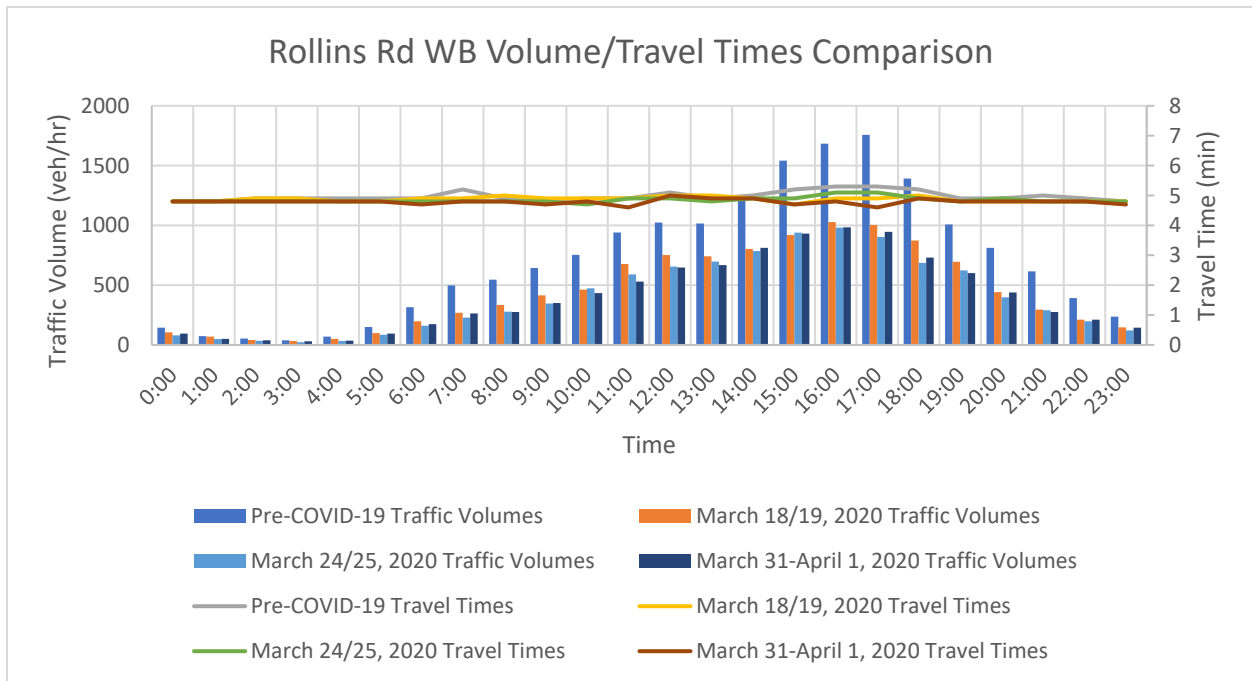
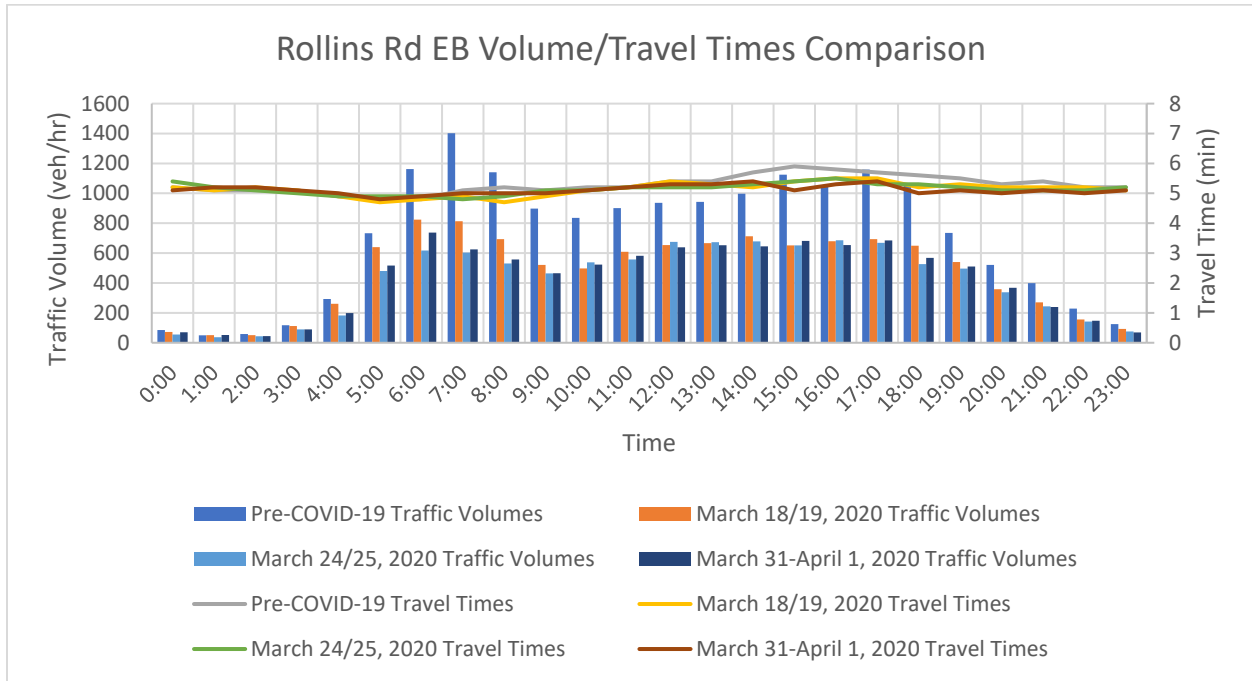
Travel Time: Lewis Ave, between Wadsworth Rd & Sunset Ave



Rollins Rd

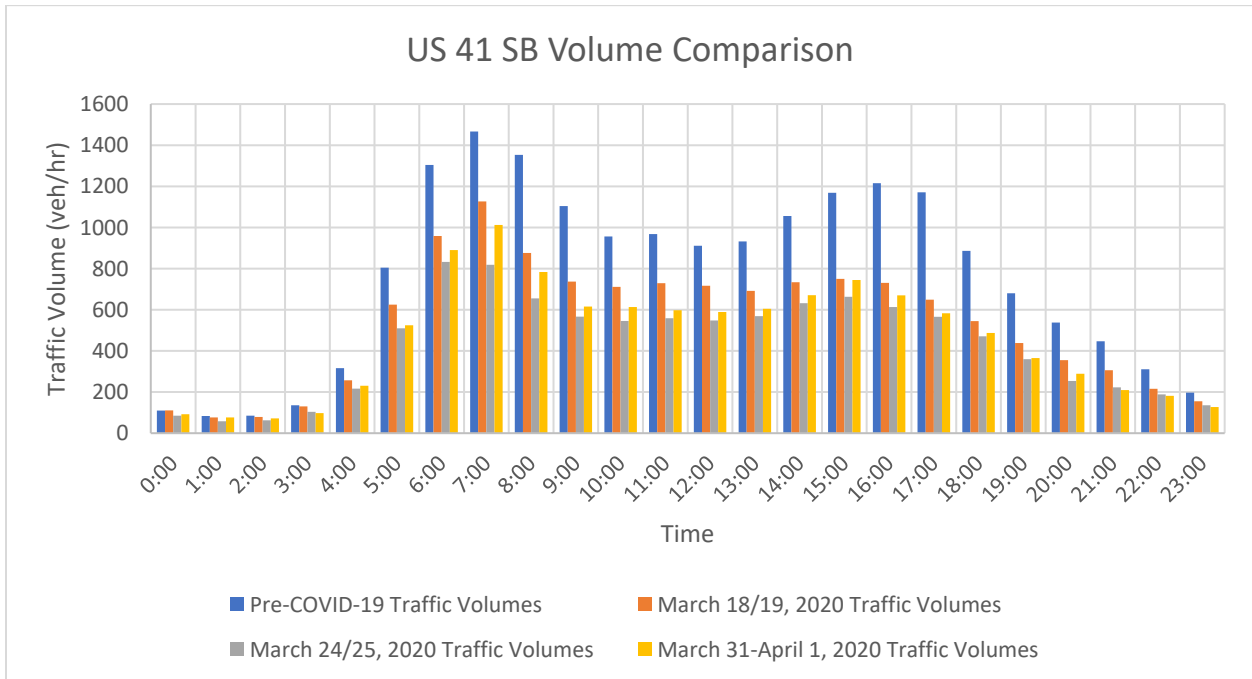
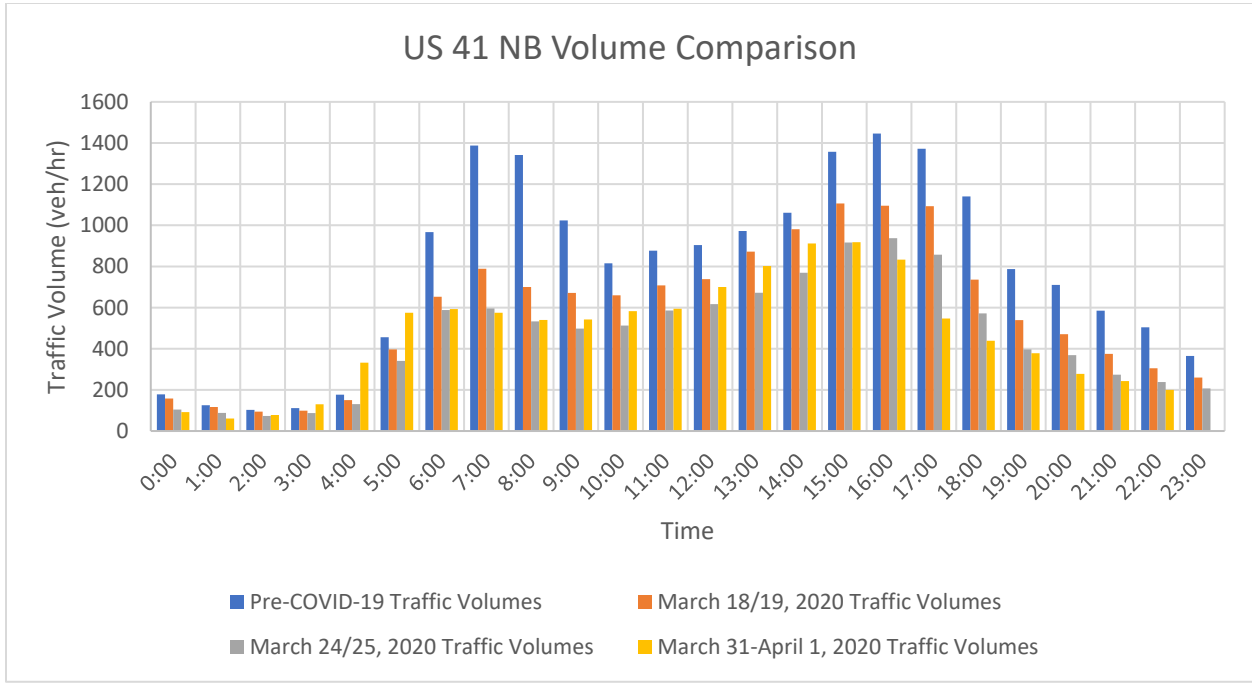
ADT: Rollins/Civic Center

Travel Time: Rollins Rd, between Fairfield Rd & IL 83



US 41

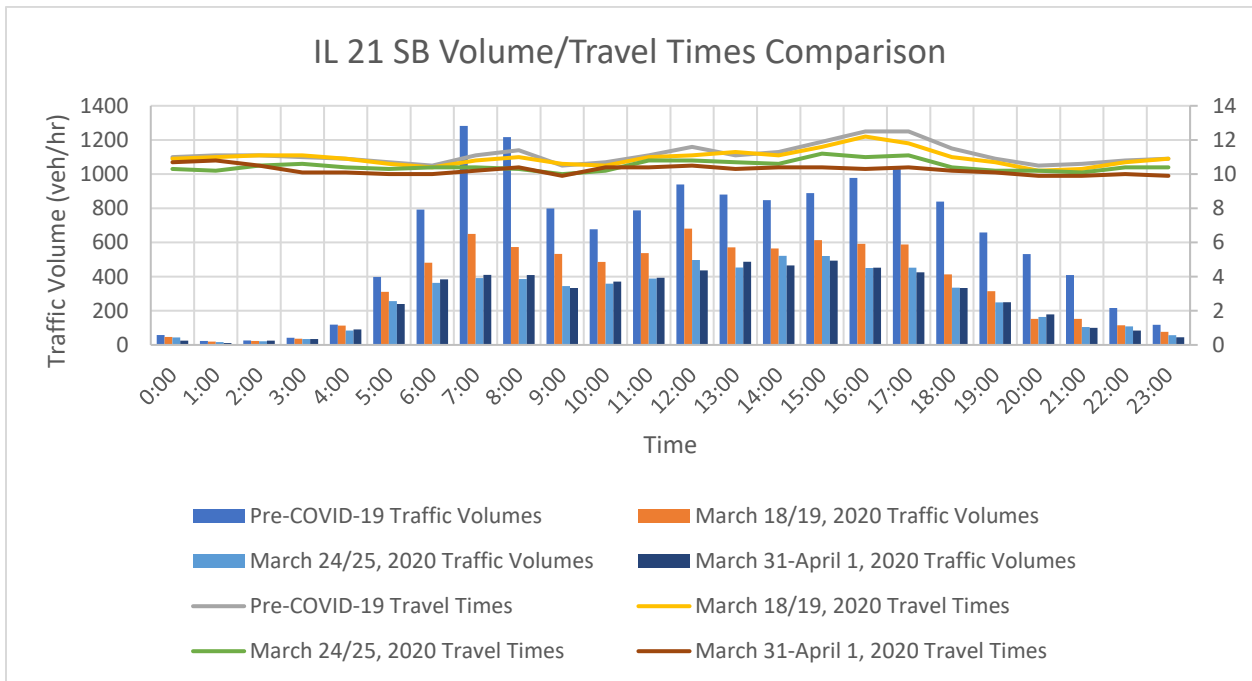
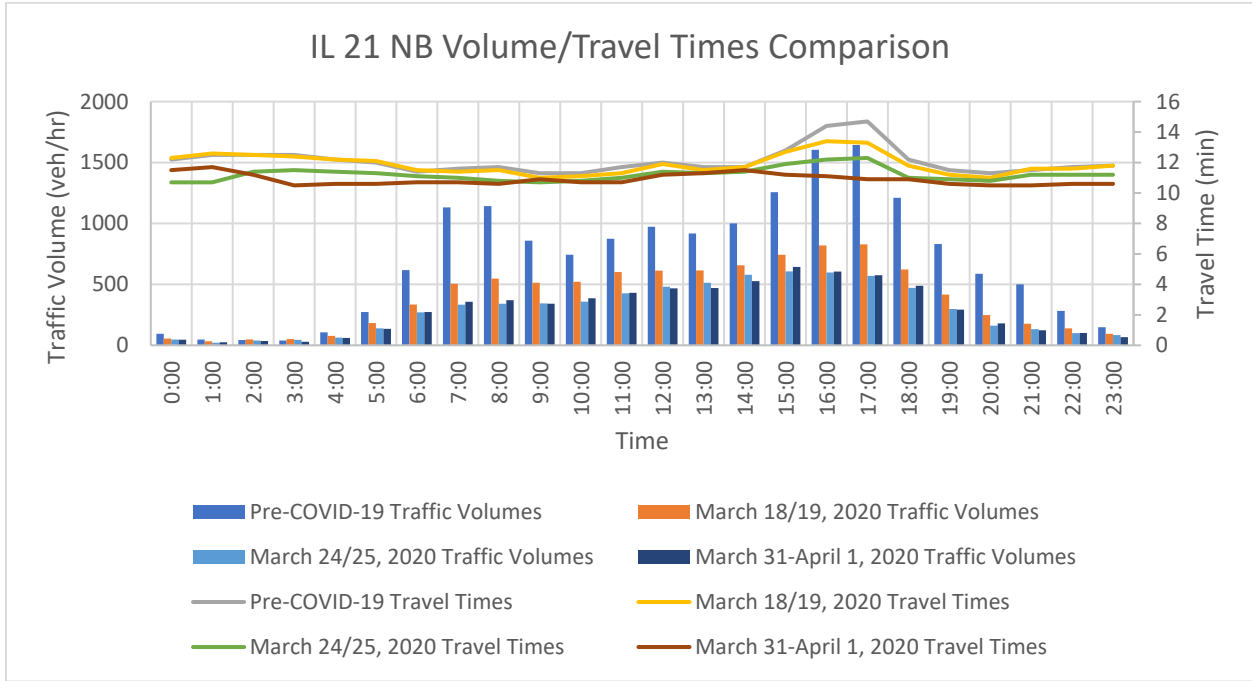
ADT: US 41/Old Elm



IL 21

ADT: IL 21/IL 22

Travel Time: IL 21, between IL 60 & Lake Cook Rd



Washington St

ADT: Washington/Six Flags

Travel Time: Washington St, between US 45 & IL 131

