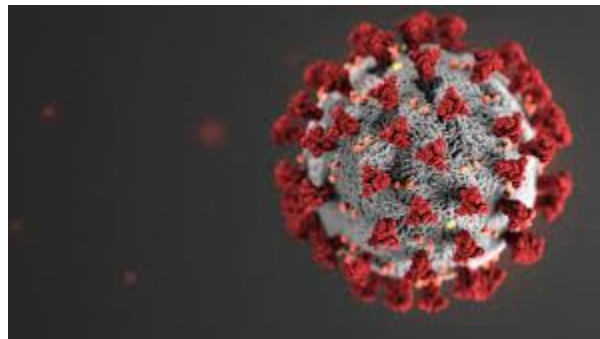


COVID-19 Impact to Traffic

Lake County Division of Transportation



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, close from March 17 through March 30, 2020 to promote social distancing.
2. Beginning March 16, 2020 at 9 p.m. through March 30, 2020, 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.

Approach Average Daily Traffic (ADT)

Intersection	Pre-COVID-19	March 18/19	% Change	March 24/25	% Change
Butterfield/Virginia NB	13,291	6,866	-48.34%	5,618	-57.73%
Butterfield/Virginia SB	11,244	6,228	-44.61%	5,064	-54.96%
Lewis/Ballentine NB	12,877	10,148	-21.19%	8,644	-32.87%
Lewis/Ballentine SB	11,084	8,946	-19.29%	7,616	-31.29%
Rollins/Civic Center EB	16,944	11,264	-33.52%	10,047	-40.70%
Rollins/Civic Center WB	16,926	10,667	-36.98%	9,662	-42.92%
US 41/Old Elm NB	18,766	13,767	-26.64%	10,963	-41.58%
US 41/Old Elm SB	18,201	12,706	-30.19%	10,240	-43.74%
IL 21/IL 22 NB	16,930	9,444	-44.22%	7,026	-58.50%
IL 21/IL 22 SB	14,561	8,647	-40.62%	6,605	-54.64%
Washington/Six Flags EB	14,991	7,088	-52.72%	6,187	-58.73%
Washington/Six Flags WB	14,369	7,774	-45.90%	6,247	-56.52%

Note: Pre-COVID-19 volumes and travel times are averages from February 25-27, 2020 and March 3-5, 2020.

Major Conclusions:

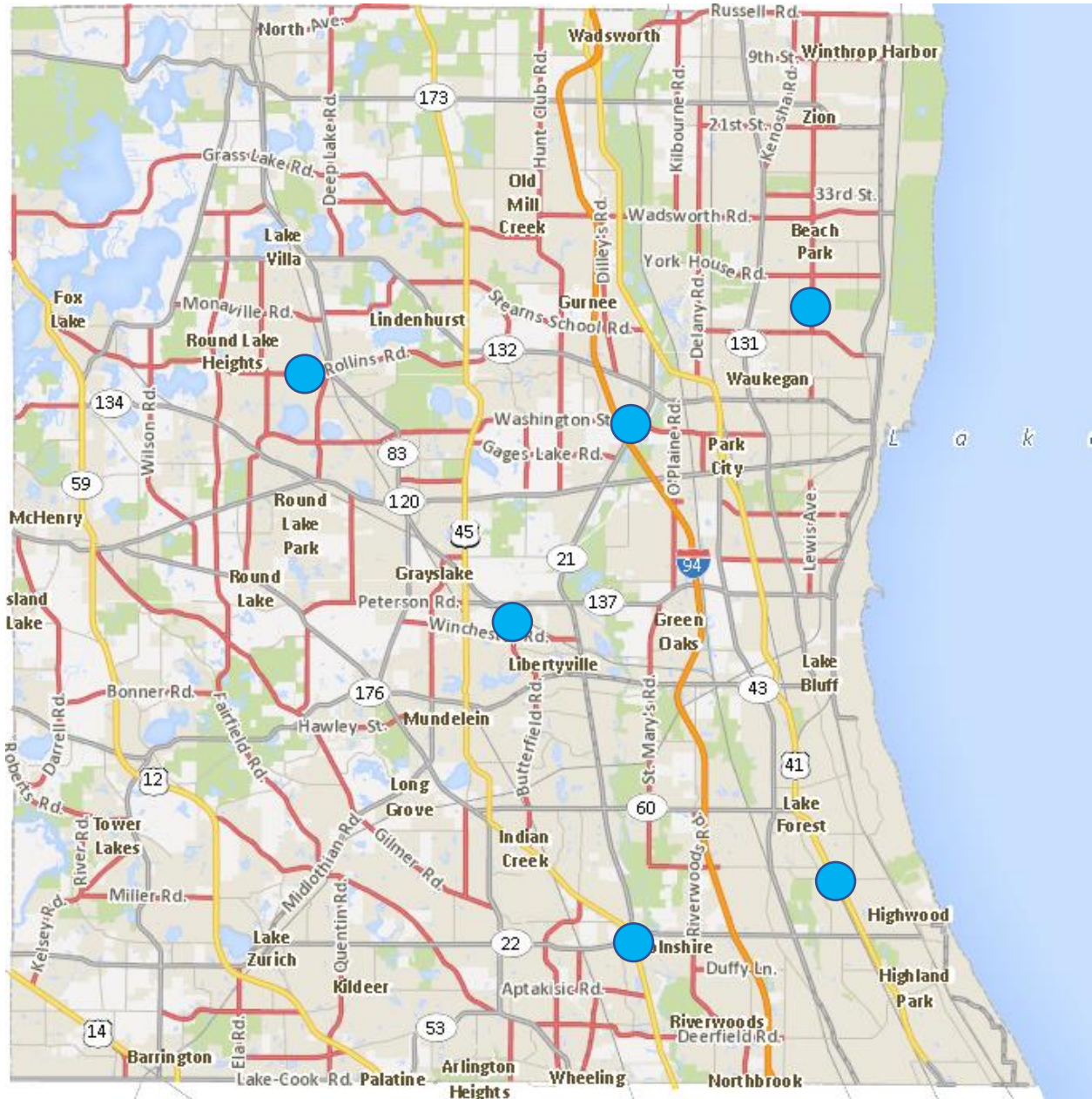
Approach ADT was reduced countywide with ranges of 21% to 59%.

The first three mandates above had more impact on traffic than the “stay-at-home” mandate.

LCDOT made a systemwide timing change to all LCDOT owned/maintained traffic signals on March 20, 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

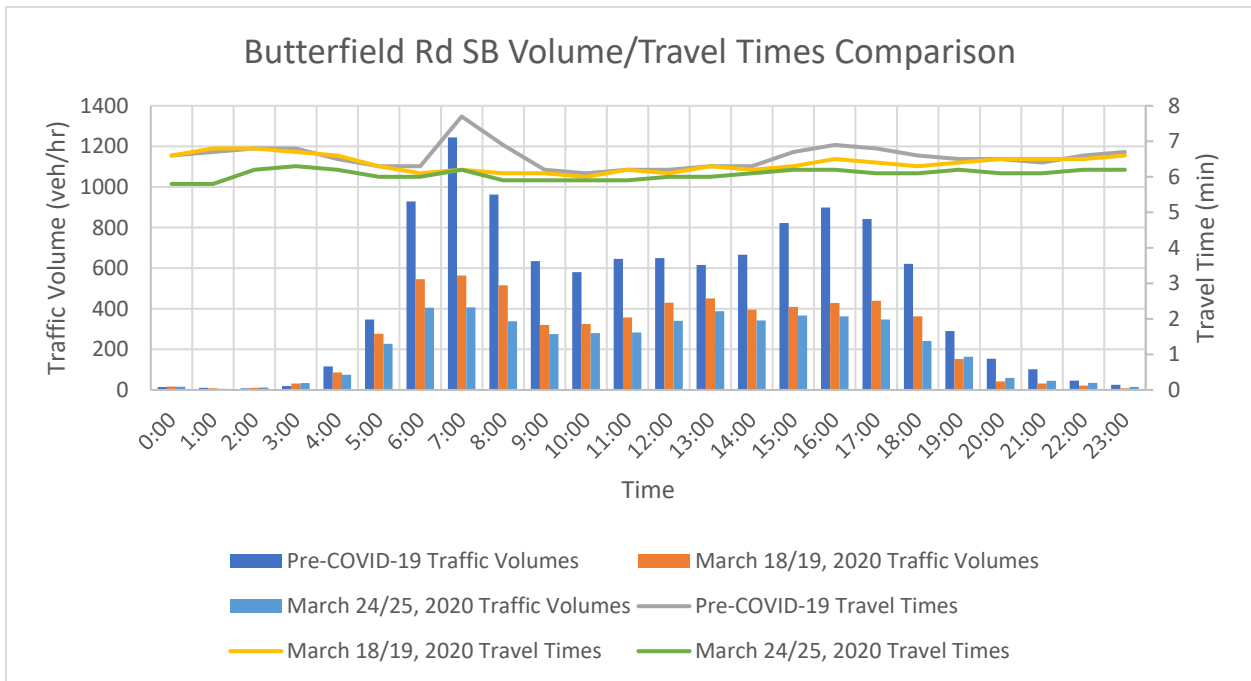
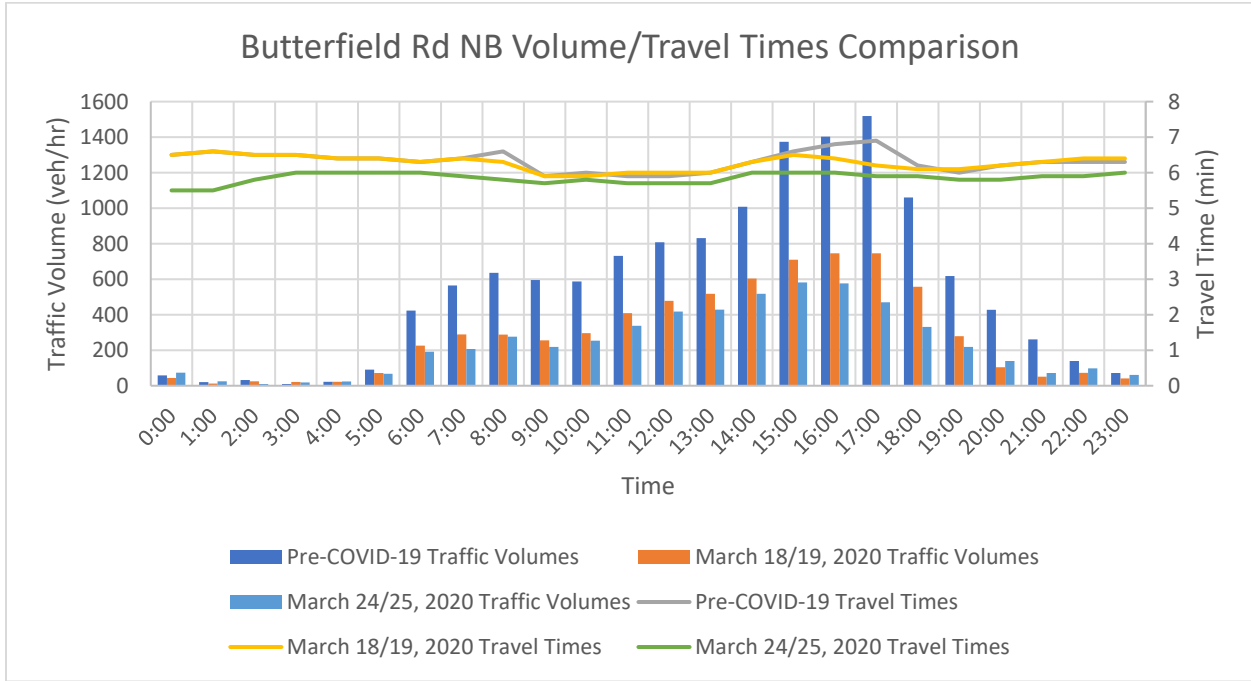
Map



Butterfield Rd

ADT: Butterfield/Virginia

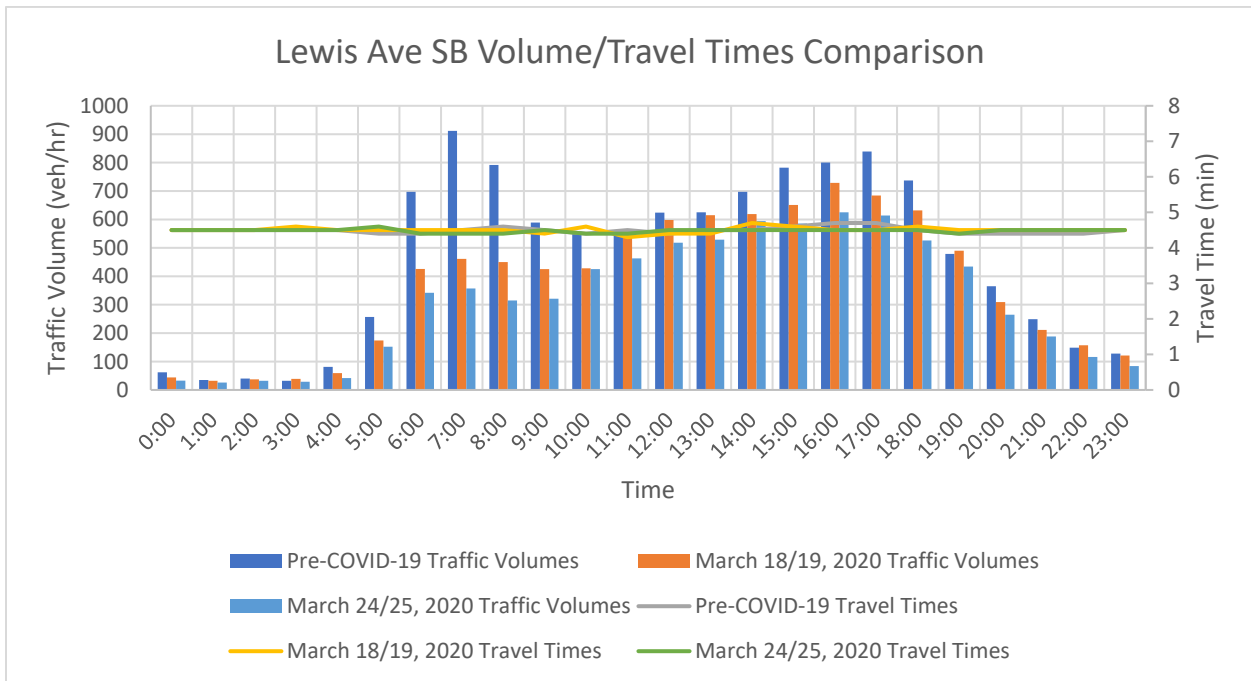
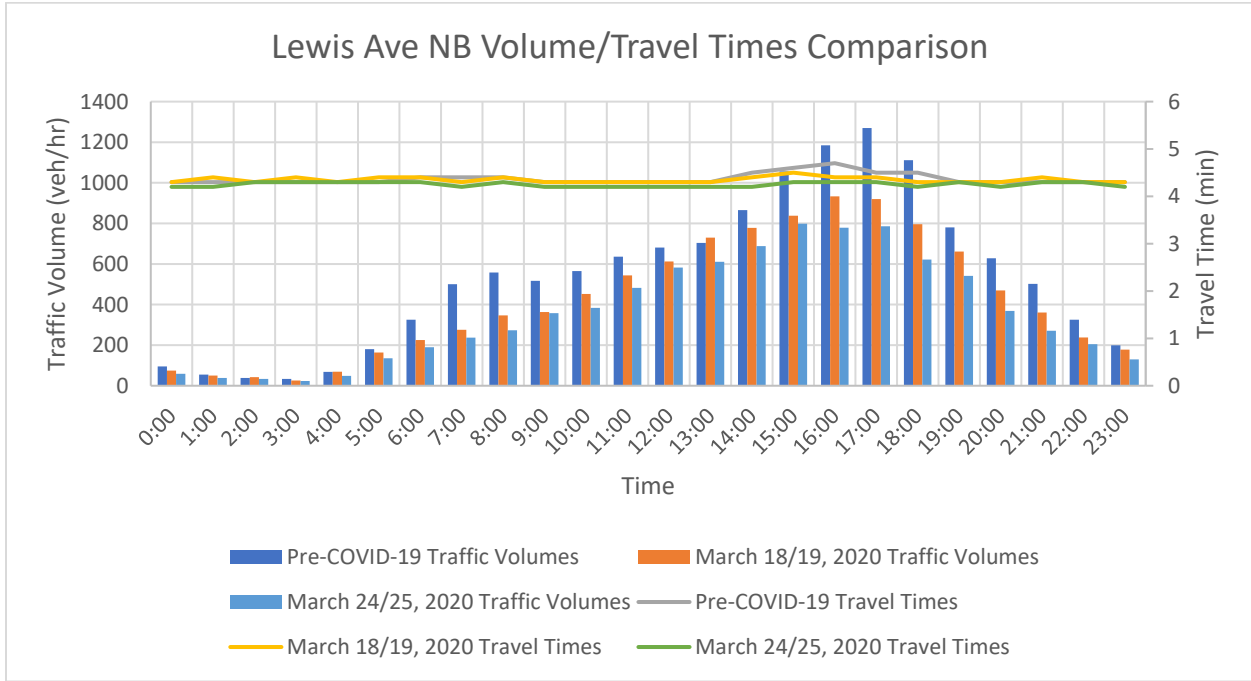
Travel Time: Butterfield Rd, between IL 137 & Allanson Rd



Lewis Ave

ADT: Lewis/Ballentine

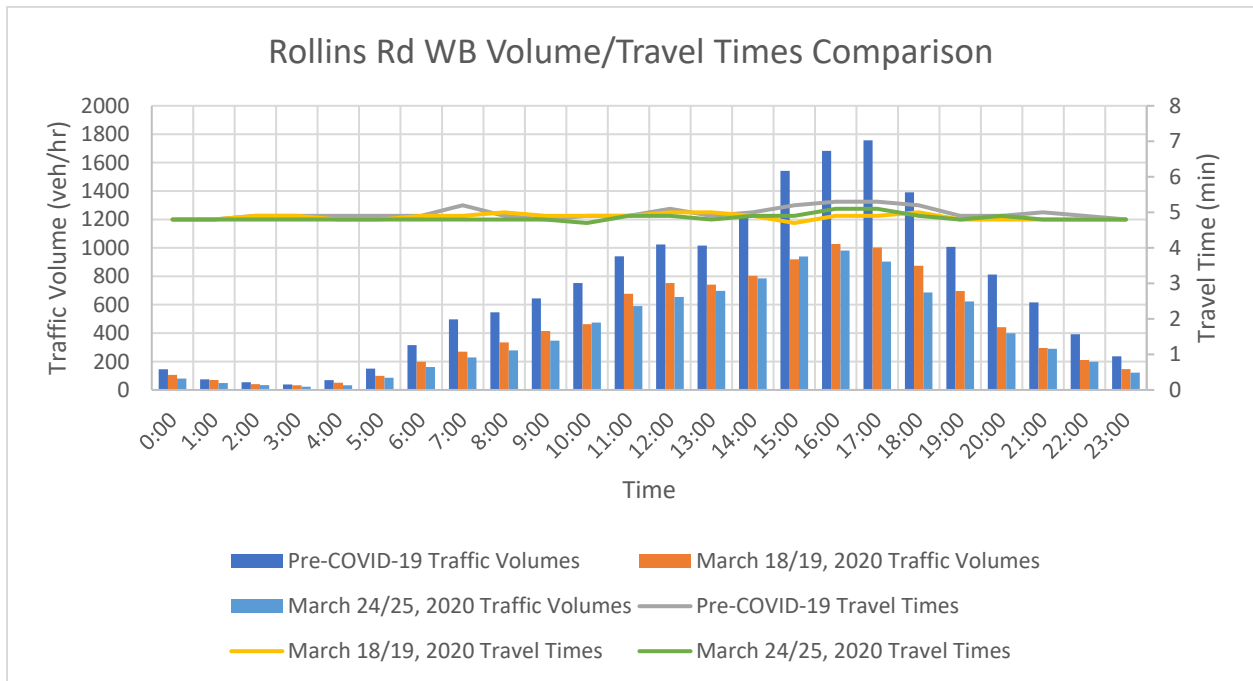
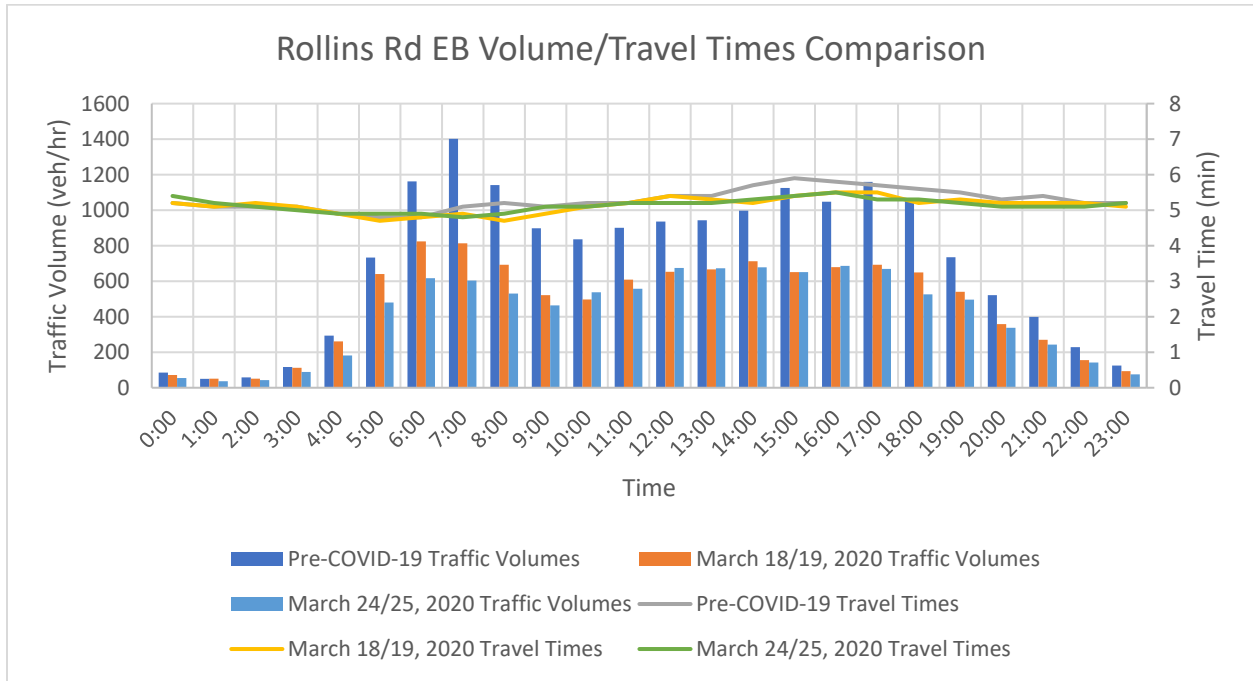
Travel Time: Lewis Ave, between Wadsworth Rd & Sunset Ave



Rollins Rd

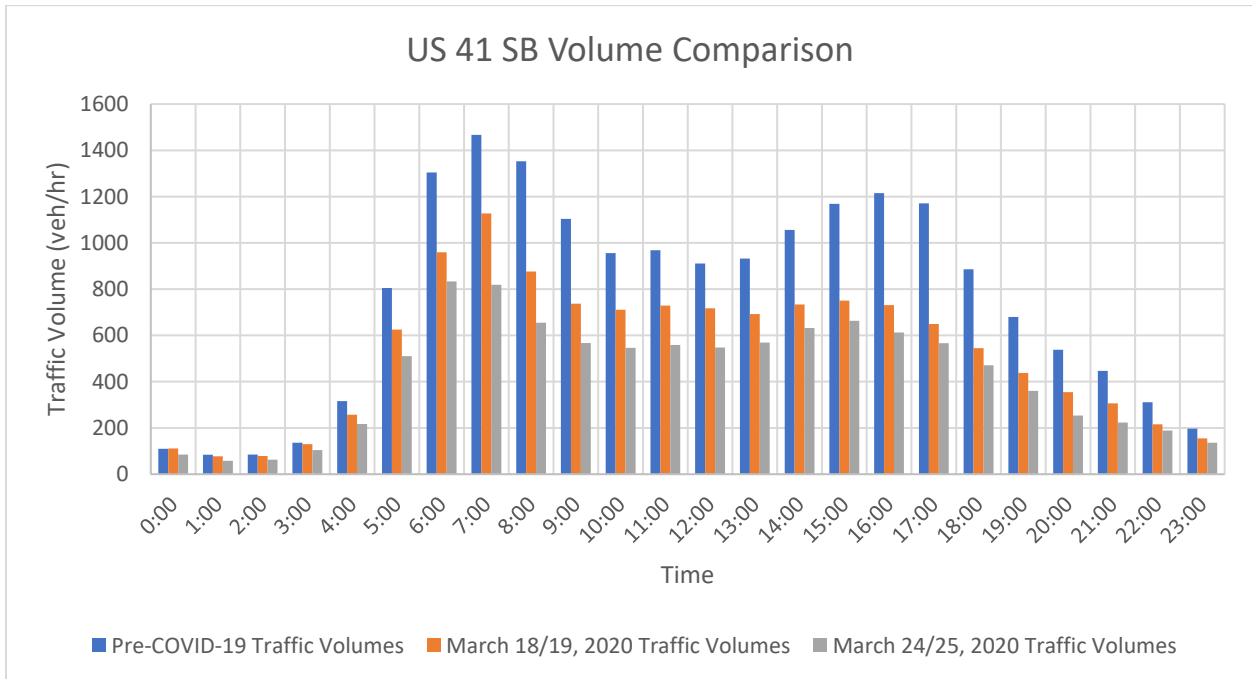
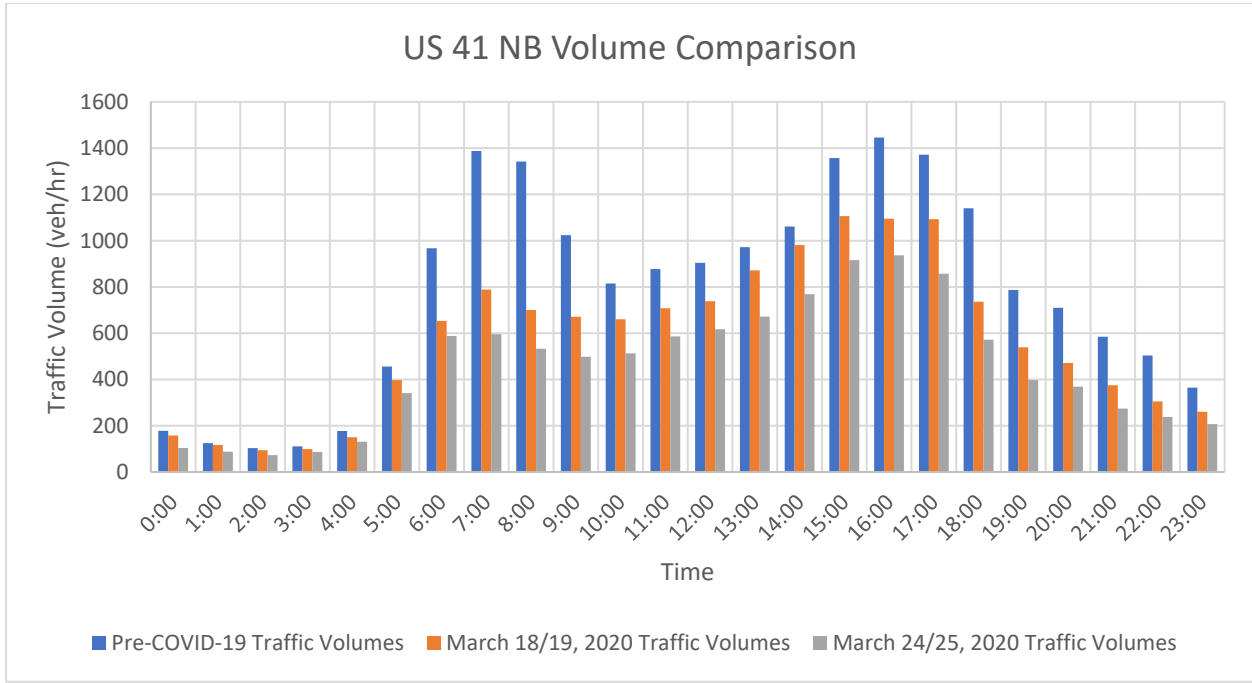
ADT: Rollins/Civic Center

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



US 41

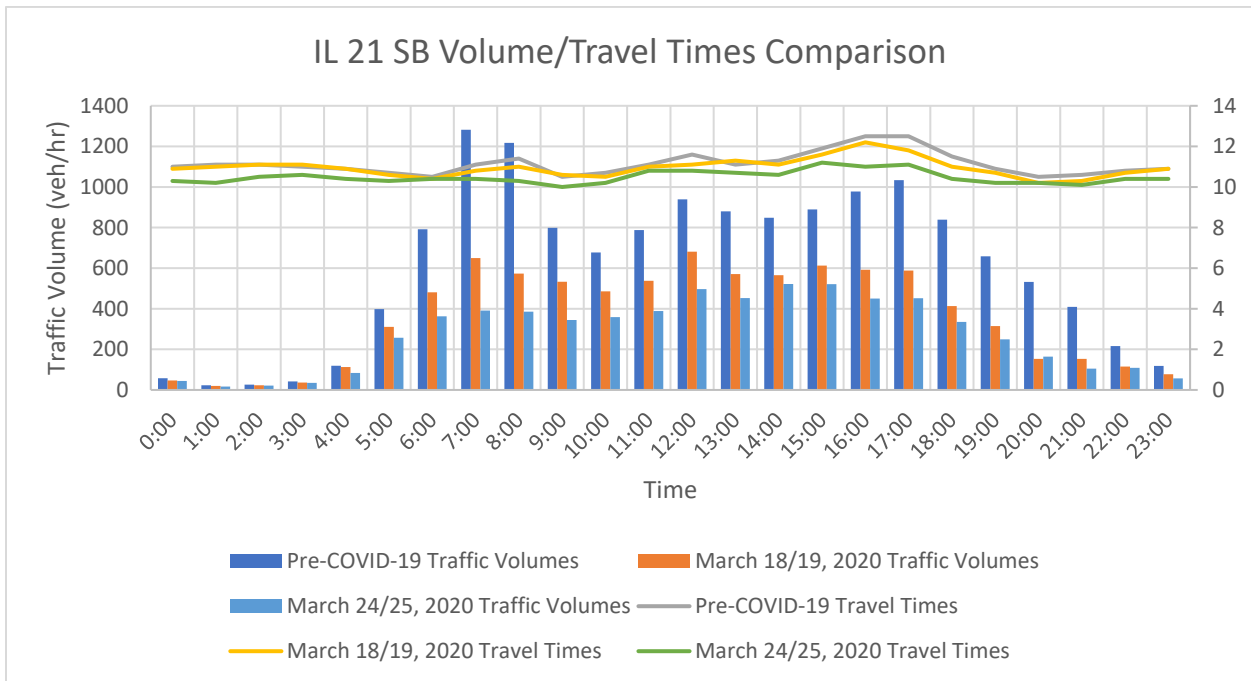
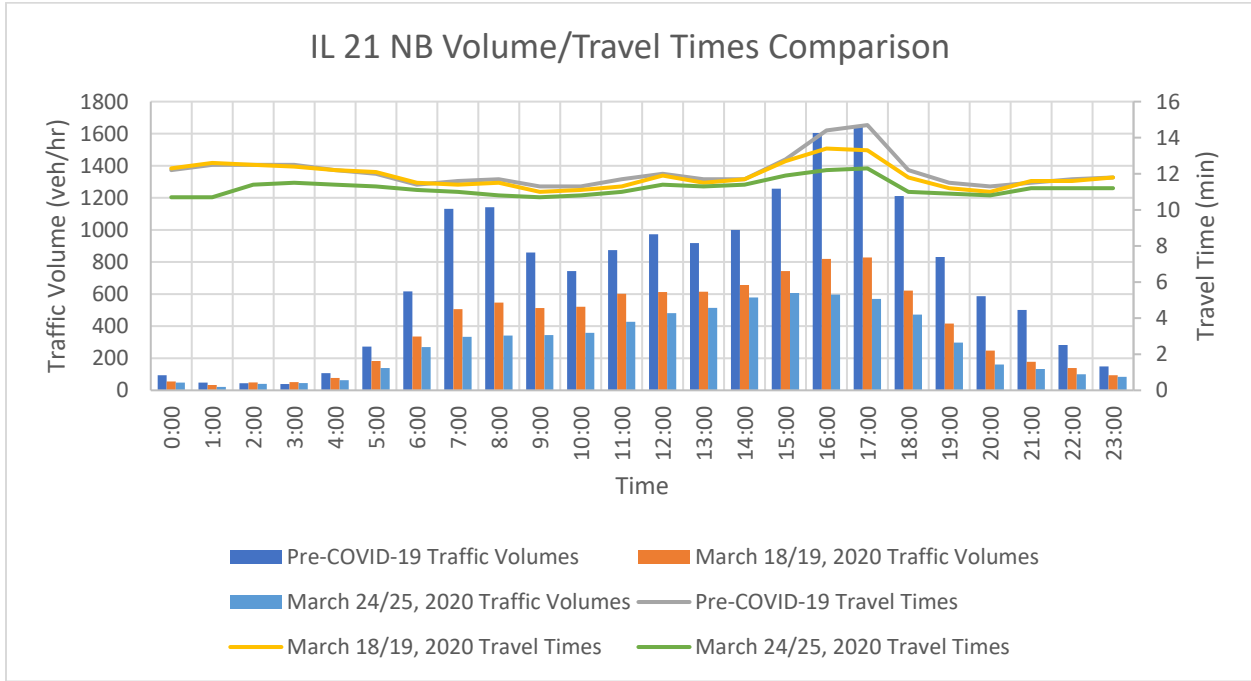
ADT: US 41/Old Elm



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

