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.

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

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

![Rollins Rd EB Volume/Travel Times Comparison](image_url)

![Rollins Rd WB Volume/Travel Times Comparison](image_url)
US 41
ADT: US 41/Old Elm
**IL 21**

ADT: IL 21/IL 22
Travel Time: IL 21, between IL 60 & Lake Cook Rd

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**IL 21 NB Volume/Travel Times Comparison**

- Pre-COVID-19 Traffic Volumes
- March 18/19, 2020 Traffic Volumes
- March 24/25, 2020 Traffic Volumes
- Pre-COVID-19 Travel Times
- March 18/19, 2020 Travel Times
- March 24/25, 2020 Travel Times

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**IL 21 SB Volume/Travel Times Comparison**

- Pre-COVID-19 Traffic Volumes
- March 18/19, 2020 Traffic Volumes
- March 24/25, 2020 Traffic Volumes
- Pre-COVID-19 Travel Times
- March 18/19, 2020 Travel Times
- March 24/25, 2020 Travel Times
Washington St
ADT: Washington/Six Flags
Travel Time: Washington St, between US 45 & IL 131

Washington St EB Volume/Travel Times Comparison

Pre-COVID-19 Traffic Volumes
March 18/19, 2020 Traffic Volumes
March 24/25, 2020 Traffic Volumes
Pre-COVID-19 Travel Time
March 18/19, 2020 Travel Time
March 24/25, 2020 Travel Time

Washington St WB Volume/Travel Times Comparison

Pre-COVID-19 Traffic Volumes
March 18/19, 2020 Traffic Volumes
March 24/25, 2020 Traffic Volumes
Pre-COVID-19 Travel Times
March 18/19, 2020 Travel Times
March 24/25, 2020 Travel Times