

# Butterfield Rd Adaptive Signals

**Limits:** From Allanson Rd to IL137 in Libertyville, Mundelein and Vernon Hills

**Description:** The project consists of installing an adaptive signal control system that synchronizes the flow of vehicles through this corridor, which also includes the intersection of IL137 at the Butterfield Square Shopping Center. Includes new mast arms at existing signalized intersections to incorporate flashing yellow arrow technology.



## Current Information

6/3/2022 - The contractor has completed all major work on

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the project. All new signals are active and functioning with Adaptive Technology. Adaptive signal technology was installed as part of this project and drivers can expect to see improved traffic timing and sequencing in the coming weeks. This system will allow for the traffic signal to learn daily patterns, optimizing traffic signal timing and will also adapt to adverse conditions on the fly when appropriate to keeping traffic moving.

Documents

Contact Information

Previous Updates

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Paul Guardi, Resident Engineer  
Lake County Division of Transportation  
600 W Winchester Rd  
Libertyville, IL 60048-1381  
[dot@lakecountyil.gov](mailto:dot@lakecountyil.gov)  
847-377-7400

5/11/2022 - The contractor has completed the majority of the final landscape restoration and sidewalk replacement. Crews are currently installing the new pedestrian pushbuttons at all seven signal locations replacing the temporary ones. All of the final small poles for the remaining buttons have been installed. Miscellaneous punchlist work and general cleanup is expected to continue for the next few weeks. Once work has wrapped up, all of the construction signage will be removed.

4/11/2022 - The seven new signals along Butterfield Rd have all been activated. Flashing Yellow Left Turn Arrows are in use and all temporary signals have been removed. Added and replacement sidewalk work is currently underway. The contractor expects to complete the sidewalk this week and begin landscape restoration the week of 4/18/2022, weather dependent. The contractor will replace all of the pedestrian signal buttons along the corridor, as the ones in use now are only temporary. A few additional small poles will be installed in the coming weeks as well for pedestrian signal buttons.

1/20/2022 - Seven temporary signals remain active at the following cross streets on Butterfield Rd: Allanson/Greggs, Huntington (N), Golf, Crane, IL176, Winchester & Virginia/St. Williams. The contractor has begun installing the new permanent signal poles at Butterfield & Allanson/Greggs Pkwy. Crews will continue to install new signal equipment at Allanson and begin moving north. A second crew is currently drilling for the new signal pole foundations at Butterfield & Crane. Once the underground work is complete at Butterfield & Crane, the crew will move north to Butterfield & IL176. This work is weather dependent and is expected to last into the spring months.

12/20/2021 - The contractor has activated all seven temporary signals located at the following cross streets on Butterfield Rd: Allanson Rd/Greggs Pkwy, Huntington Dr (N), Golf Rd, Crane, IL176, Winchester Rd & Virginia/St. Williams. The contractor has completed the underground foundation and conduit signal work at Allanson/Greggs and Huntington (N). The crew is currently working on the underground signal work at Golf and will continue to move north. Another crew is removing old wire and prepping the locations for the underground signal work. After underground signal work is complete, crews will begin to pull new signal wire and then begin installing new poles. This work is weather dependent and is expected to continue into the spring of 2022.

11/22/2021 - The contractor has activated has activated 4 of 7 temporary signals with an additional one to come online each week until all are active. The contractor has begun rebuilding the signal at Butterfield & Allanson (foundations & conduits). Crews plan to continue rebuilding signals from south to north. Signal work will continue through the winter season.

11/3/2021 - The contractor is preparing temporary signals for activation, the first temporary signal at Butterfield Rd and Allanson Rd/Greggs Pkwy is scheduled to be activated Thursday 11/4. The existing signal will be removed immediately following activation. This process is scheduled to be repeated about every week until all temporary signals along the corridor are activated. The contractor plans to work multiple crews through the late fall and into winter until all new signals have been built and activated. Utilizing a condensed schedule to work outside of the typical construction season will minimize the overall length of the project and temporary signal use, while still meeting the scheduled completion date of spring 2022.

10/16/2021 - The contractor has begun installing temporary signals at Allanson Rd/Greggs Pkwy, Huntington Dr & Golf Rd along Butterfield Rd. The contractor plans to begin turning on temporary signals starting in November. The contractor will continue to install temporary signal along the corridor. Simultaneously, the contractor will begin removing and rebuilding the existing signals where the temps are active.

9/17/2021 - The contractor will begin installing traffic control and temporary traffic signals beginning the week of 9/20/2021. The contractor plans to begin at Butterfield Rd and Allanson Rd/Greggs Pkwy and work their way north. Once temporary signals are installed and activated, the existing signals will be removed and a new foundation installed.

8/20/2021 - Contractor to take maintenance of signals beginning 9/10/21, installation work will follow, beginning the week of 9/13.

7/1/2021 - Work is planned to begin in August. Temporary signal work and new signal foundations will be the first work onsite.

