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Press Release

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[NYC Transit](#)



IMMEDIATE


Signal Modernization of Culver F Line Under Way in Southern Brooklyn


MTA Moving Ahead With Major Modernization Efforts Despite Challenges From COVID-19 Pandemic

Culver Line Signal Modernization Project Will Improve Service Reliability and Performance Throughout Entire  Line for Decades to Come




Preparations Began This Past Weekend -- Work Will Continue Over Next Nine Weekends Between Church Av and Coney Island-Stillwell Av





The Metropolitan Transportation Authority (MTA) has begun prep work on the next phase of the Culver Line Signal Modernization project throughout the  line in Southern Brooklyn, with work expected to continue over the course of the next nine weekends. Once completed, the \$253 million project will improve service reliability and performance throughout the  line for decades to come. The project, which had its original late March start date pushed back in the aftermath of the COVID-19 outbreak, will replace 70-year-old signals between Church Av and Coney Island with a modern Communications Based Train Control (CBTC) system and serves as an important example of the MTA's ongoing efforts to tackle major projects despite the ongoing pandemic.

"As we navigate through incredibly challenging times it's important that we keep making progress in rebuilding and modernizing our transit system," said **Janno Lieber, MTA Chief Development Officer and President of MTA Construction & Development**. "This includes upgrading the signals on the Culver Line, which will allow us to provide more frequent and more reliable service for  train riders."





"The bottom line is that a modern signaling system will allow the MTA to deliver better and more reliable service for  line train riders," said **Interim New York City Transit President Sarah Feinberg**. "We remain laser-focused on keeping our customers safe, and we have to continue looking beyond the immediate challenges and toward a modernized future for NYC Transit as well. Work on the Culver Line is about ensuring that New Yorkers have a world class transit system for decades to come."


This phase of the project is being done on weekends, when ridership is lower, to minimize disruptions for the majority of the line's customers. Details pertaining to the station closures were conveyed to elected officials and the MTA has launched an informative [website](#) and posted signage at the impacted stations. A customized subway map for users of the Culver line – particularly helpful for visitors traveling to Coney Island – is included on the website and will be available in stations as well.

In addition to installing CBTC along the  line, the signal modernization project will also replace the Kings Highway Interlocking, which governs how trains switch tracks at a key location along the  line in Brooklyn; during rush hours, some  trains terminate at Kings Highway. The project also adds three new signal facilities at Ditmas Av, Bay Parkway and Avenue X. This will allow personnel to respond faster and with alternative service options when there are disruptions, providing customers a better means to complete their trips.

A modern signaling system like CBTC is more flexible than the current 'fixed-block' signaling system because it continuously updates train positions, distances and travel speeds, allowing for faster and more efficient operations. NYC Transit has successfully installed and implemented CBTC on the Canarsie  and Flushing  lines. On-time performance of the Flushing  line and the Canarsie  line often exceeds 90 percent.

The installation of new solid-state interlocking (SSI) equipment will also provide much more specific diagnostic information so problems can be fixed more quickly. This work includes: building a new relay room to house the new signaling equipment, reconfiguring and replacing two old interlockings at Avenue X and Ditmas Av, and adding two new interlockings south of Church Av.

In the current phase of the project, work is scheduled to take place every weekend, weather permitting, through July 27. Work is set to begin at approximately 9:45 p.m. on Friday evenings, with affected stations reopening at around 5 a.m. Monday mornings. Customers traveling on the  between Church Av and Coney Island should use , , and  trains and local buses to complete trips in the relevant area.

Work on the  line will continue in 2021 and 2022, with the CBTC phase beginning immediately following the conclusion of the interlocking work on July 27th and continuing during most weekends through the end of the year. Information will be posted on the website when it becomes available.

Station-specific directions are included on the [project website](#).