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July 2026

SWIFFT: Keeping North Texas Moving During Severe Weather



Flash flooding presents a significant and sudden hazard to drivers across the Dallas-Fort Worth region. To help address this challenge, NCTCOG is developing the Stormwater Integrated Flood Forecasting Tool, or SWIFFT. The project is currently under development and is expected to be completed **in March 2028**.

What is SWIFFT?

SWIFFT is an innovative project designed to create a preemptive warning system for flooded roads in the Dallas-Fort Worth region. Unlike traditional flood warning systems, which typically react during and after a flood occurs, SWIFFT is designed to provide advance notice of potential flooding. **Using advanced** analytics, the system will identify roadways at risk of flooding in real time, before conditions become dangerous.

How It Works

SWIFFT collects and analyzes a wide range of data, including real-time precipitation, streamflow measurements, historical weather information and hydro-meteorological models. This data is processed through an adaptive AI and machine-learning system to identify specific roads in the region that may be vulnerable to flooding during an **approaching weather** event.

SWIFFT will feed these predictive alerts directly to emergency responders while also integrating with public navigation apps such as Waze, Google Maps, and Apple Maps. This integration will **help automatically** reroute traffic away from **potential flood** zones. By transforming complex weather and hydrological data into actionable alerts, SWIFFT aims to save lives, protect property, and keep our region's transportation network moving during severe weather events.

Topic of the Month

AN EYE ON: Air Quality



Ozone season has once again reared its head in North Texas, bringing hazy skies and a reminder that summer doesn't just bring triple-digit temperatures. It also brings some of our year's worst air quality.

Our ongoing **Topic of the Month** series is devoted to air quality this month and the many ways NCTCOG and its partners are working to create a cleaner, healthier future for North Texas. From expanding air quality monitoring and planning for long-term improvements to supporting cleaner vehicles, alternative fuels and innovative transportation technologies, these efforts are helping improve the air we all breathe while preparing the region for continued growth. Read more [here](#).

Applications for Texas EV Infrastructure Plan Phase II Grants Now Open



TxDOT has released grant applications for Phase II of the Texas Electric Vehicle (EV) Infrastructure Program, continuing the state's efforts to expand access to EV charging stations across Texas.

This latest phase will provide \$60 million in funding for the installation of DC Fast Chargers along key transportation corridors and within designated study areas statewide. Both public and private entities are eligible to apply, creating opportunities for local governments, businesses, developers, and infrastructure providers to participate in Texas' growing EV network.

Phase II covers nearly all of Texas and includes 148 county seats and 24 Metropolitan Planning Organizations (MPOs). Within the NCTCOG region, 38 study areas are included in this round of applications, along with one rural county seat in Erath County.

The program is designed to improve charging accessibility, support long-distance EV travel, and strengthen transportation infrastructure as EV adoption continues to grow across the state. Applications must be submitted by **Friday, June 12, 2026**.

Additional information about eligible study areas, project requirements and the application process is available on the [TxDOT Texas electric vehicle planning page](#).

ICYMI: \$55M Available to Help Fleets Convert to Zero Emissions



North Texas fleets still have an opportunity to secure funding to modernize their fleets by purchasing new zero-emission vehicles. NCTCOG is offering up to \$55.4 million in rebates through its North Texas Zero Emission Vehicles Call for Projects, helping public and private organizations replace older heavy-duty vehicles with energy efficient alternatives.

The program supports a wide range of vocational vehicles, such as transit buses, refuse haulers, utility trucks, dump trucks, box trucks and street sweepers. To be eligible for funding, vehicles being replaced must have an internal combustion engine (diesel, gasoline, propane, etc.) that will be disposed of if an applicant is awarded funding. New vehicles must be battery-electric or hydrogen-fuel-cell electric.

NCTCOG provides resources to help applicants through the process, including weekly virtual office hours, project and application development assistance and information on zero-emission vehicle manufacturers and vendors.

Applications are accepted on a rolling basis and reviewed monthly until funding is exhausted. The next application deadline is July 17. Learn more and access application materials at NCTCOG.org/NTxZEV.

NCTCOG Invites Public Input on Transportation, Safety July 13



The North Central Texas Council of Governments invites the public to provide input on an update to the Regional 10-Year Plan as well as two initiatives: the Technology Project Identification Call for Projects and the North Texas Advanced Air Mobility Airport Charging Infrastructure Call for Projects, during a public meeting at noon on Monday, July 13.

The hybrid meeting will be held at the NCTCOG offices, 616 Six Flags Drive in Arlington. Those unable to attend in person can view the meeting online at PublicInput.com/nctcogJuly26. North Texans can also participate by calling

855-925-2801 and entering code 3241. Public comments will be accepted through Tuesday, August 11.

Local Motion is a monthly email newsletter from the North Central Texas Council of Governments Transportation Department. For more information about topics, contact Brian Wilson at 817-704-2511 or bwilson@nctcog.org. Visit www.nctcog.org/trans for more information on the department.

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