

DALLAS DISTRICT PROGRESS



COLLIN CO. | DALLAS CO. | DENTON CO. | ELLIS CO. | KAUFMAN CO. | NAVARRO CO. | ROCKWALL CO.

TxDOT prepares for the challenges of winter



The first blasts of cold air have hit North Texas, signaling the beginning of a new winter weather season. The TxDOT Dallas District has been readying its equipment and crews for months in advance to tackle the challenges that winter weather may bring.

Since late summer, the district has been stockpiling its materials, cleaning and inspecting hundreds of pieces of equipment and conducting dry runs with crews to familiarize them with the routes they will navigate during winter weather conditions. Before winter rolls in and the first section of road is treated with an initial layer of brine, TxDOT wishes to remind motorists to always keep safety top of mind and to familiarize themselves with the department's winter weather precautions.

First, TxDOT closely monitors weather forecasts to determine the best step in advance of a winter storm. Those initial steps can vary depending on the forecast. In ideal conditions, TxDOT takes proactive measures by applying a brine solution just ahead of the anticipated winter weather event. This brine application serves as a preemptive strike against ice formation, giving the department a crucial advantage in the battle against hazardous road conditions.

TxDOT crews diligently work to keep roadways safe, but drivers also must do their part to reduce risks and avoid winter weather hazards:

PLAN

FOR THE ROAD



Avoid getting caught by surprise, and be aware of travel and weather advisories. Stay tuned to local news and weather alerts. For information about road conditions across the state, visit www.DriveTexas.org, or call 1-800-452-9292.



CAR MAINTENANCE



DO A VEHICLE SAFETY CHECK

Ensure that your vehicle is properly maintained including windshield wipers, headlights and tail lights, and tire pressure. Remove any snow or ice from your vehicle before you drive. Make sure your car is properly fueled in case of unexpected delays.

DRIVE WITH CAUTION

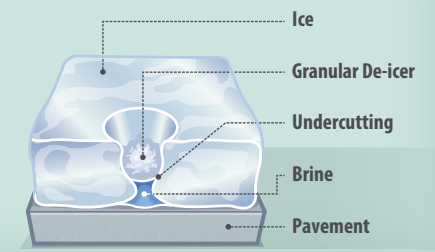


Approach turns, bridges and shaded spots slowly. Remember, bridges and overpasses are the first to freeze. Reduce your speed and increase your distance between other vehicles to at least three times the normal following distance. Give TxDOT work crews plenty of room to operate and slow down when approaching them. If dangerous weather is forecasted, consider delaying your trip or simply stay home.

How do the chemicals work?

GRANULAR DE-ICER

A granular de-icer – salt for instance – lowers the freezing point of water from 32 °F to about 15 °F (depending on how much you use). When salt makes contact with ice, melting begins immediately and spreads out from that point, creating a salt/water mix (brine) that continues melting the ice, undercutting the bond between the ice and the road.



SOURCE: TxDOT

TxDOT graphic

— Continued from Cover Story —



When the ice or snowstorm hits, TxDOT offices across the state stand ready to support each other.

This collaborative effort may involve sharing resources such as personnel, equipment and materials. By pooling its resources, TxDOT can mount a more effective and comprehensive response to winter weather challenges.

To clarify a common misperception about roadway treatments, TxDOT avoids using the phrase “pre-treatment,” as it can be misleading. Treating roads with brine or other materials is not a panacea. It does not guarantee clear road conditions throughout the storm. Even treated pavements can become slick. Drivers should always travel according

to the conditions and assume that the pavement is slick. And depending on conditions, TxDOT will use other materials after a storm hits. Those materials include the use of bulk sand, salt and small aggregate known as chat to help with traction on affected roadways.

As winter unfolds, TxDOT remains committed to roadway safety. The department encourages motorists to stay informed about TxDOT's proactive measures and to know the limitations of road treatments.

By staying informed, motorists are empowered to make informed travel decisions during the winter season. Together, TxDOT and the public can navigate the challenges of winter weather and help ensure that everyone, if they have to travel, reaches their destinations safely.

KEY WINTER TRAVEL TIPS AND OTHER FACTS



Each storm is different; we make our plans based on forecasts and information from crews in other areas of the state



For your safety, travel is discouraged during snow or ice events. Check local forecasts and be prepared to delay travel plans



If deciding to risk travel, be prepared for hazardous driving conditions caused by the weather



Ultimate safety is in hands of driver during weather events



Drive slow, give full attention to road and surrounding traffic and allow extra travel time



Bridges and overpasses will freeze first; use caution on these structures



Conditions can quickly change and slick spots can reform even on cleared areas



Any spot has the potential to be hazardous due to conditions or the driver behind the wheel



Our crews and support staff work 24/7 during weather events.



Not all lanes may be drivable especially during the storm.



With refreezing, clearance operations may extend several days following the storm



More than 100 trucks in Dallas metro that we can attach different equipment to based on the storm (plow blades, spreaders, sprayers, etc.)



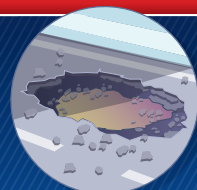
Melting ice takes time: The temperature and the amount of ice or snow on the road determine de-icing material amounts and melting rates. As temperatures drop, the amount of de-icer needed to melt a given quantity of ice increases significantly.

TxDOT Public Information Office

SOURCE: TxDOT

FOR MORE INFORMATION:

214-320-4480
dalinfo@txdot.gov
www.txdot.gov



REPORT A POTHOLE:

Visit <https://www.txdot.gov/inside-txdot/contact-us/contact-us/reportIssueSubPage/roadNeedsRepair.html> or call 800.452.9292. Progress report can be downloaded at <http://www.txdot.gov/inside-txdot/district/dallas/progress.html>

TEXAS DEPARTMENT OF TRANSPORTATION
4777 E. Highway 80
Mesquite, TX
75150-6643



— Continued on Back Page —

NOVEMBER 2024 LET PROJECTS

CSJ NUMBER	HWY	LIMITS	TYPE OF WORK	EST. COST (M)	BID (M)	+/- (%)	EST. TOTAL COST (M)	CONTRACTOR
1 0387-05-026	FM 982	FM 3286 to Marsh Lane	Resurface roadway	\$6.90	\$5.49	-20.51%	\$8.28	Austin Bridge & Road Services, LP
2 1599-05-011	FM 2258	Johnson County line to FM 157	Rehabilitate existing roadway	\$5.27	\$5.75	9.10%	\$6.10	Knife River Corporation - South
* 0581-01-164	SL 12	Various intersections in the City of Dallas	Traffic signal improvements	\$4.83	\$3.33	-31.00%	\$6.32	Florida Traffic Control Devices, Inc.
* 0918-24-289	Bethany Dr.	Various intersections in the City of Allen	Traffic signal improvements	\$1.73	\$1.37	-20.73%	\$2.14	Florida Traffic Control Devices, Inc.
EST. NOVEMBER 2024 TOTALS				\$18.73	\$15.94			
DISTRICT FY CUMULATIVE LETTINGS				\$138.23	\$117.27			
DALLAS DIST. FY LETTING VOLUME CAP				\$1,301,360,000**				

* Unmapped.

** District FY 2024 Letting Cap.

DECEMBER 2024 PROJECTED LETTING PROJECTS (SUBJECT TO CHANGE)

CSJ NUMBER	HWY	LIMITS	TYPE OF WORK	EST. COST (M)
1 0047-05-057	SH 5	SS 399 to Eldorado Parkway	Construct new roadway lanes	\$188.00
2 0095-03-110	US 80	Buffalo Creek Relief to FM 548	Hazard elimination & safety	\$4.54
ESTIMATED TOTAL				\$192.54 M

COMPLETED CONSTRUCTION PROJECTS (FROM NOVEMBER 1-30, 2024)

CSJ NUMBER	HWY	LIMITS	TYPE OF WORK	EST. COST (M)	COMPLETED DATE
1 0568-01-059	SH 34	At Bardwell Reservoir Bridge	Bridge maintenance	\$3.30	11/19/2024
* 0009-04-075	SH 66, etc.	Various in the Dallas district	Seal coat, pavement markings, and mill & inlay	\$19.20	11/07/2024
ESTIMATED TOTAL				\$22.50 M	

* Unmapped.

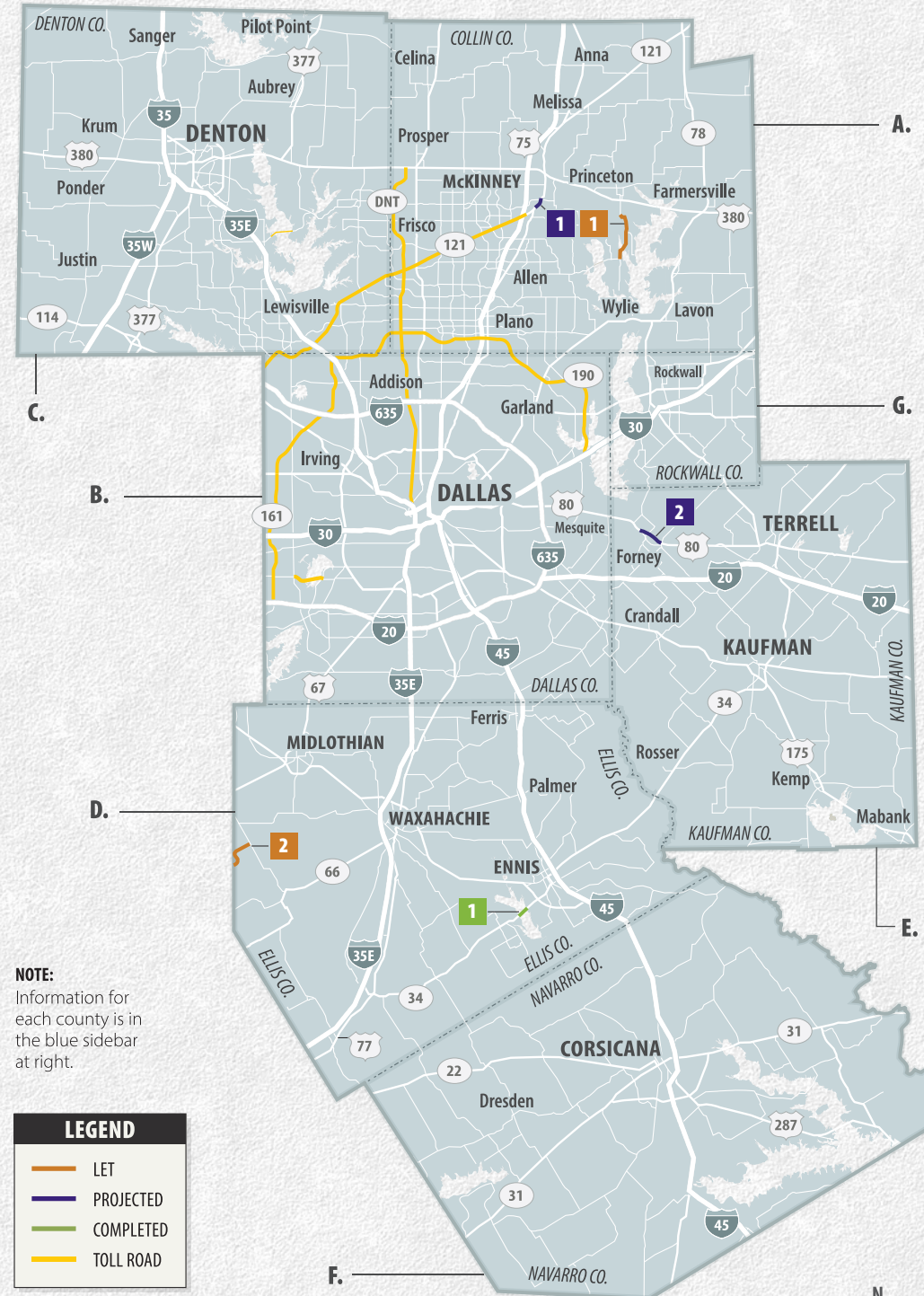
SOURCE: Texas Department of Transportation

TxDOT graphic



DALLAS DISTRICT PROJECTS MAP

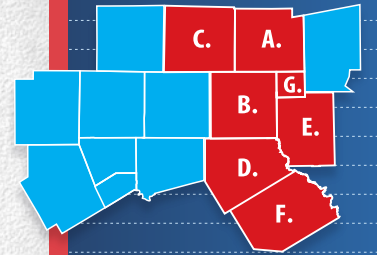
Colored and numbered boxes correspond with the charts on page 2 and show projects that have let in November 2024, are projected to let in December 2024, or have recently been completed.



NOTE: Information for each county is in the blue sidebar at right.

LEGEND	
■	LET
■	PROJECTED
■	COMPLETED
■	TOLL ROAD

SOURCE: TxDOT research
*POPULATION ESTIMATE: NCTCOG



2024 DALLAS DISTRICT ESTIMATE TOTALS

VEHICLE REGISTRATION | 4,272,434
*POPULATION ESTIMATE | 5,560,191
LANE MILES | 11,456

A. | COLLIN COUNTY

VEHICLE REGISTRATION: 892,924
*POPULATION ESTIMATE: 1,229,632
LANE MILES: 1,578

B. | DALLAS COUNTY

VEHICLE REGISTRATION: 2,101,685
*POPULATION ESTIMATE: 2,716,721
LANE MILES: 3,563

C. | DENTON COUNTY

VEHICLE REGISTRATION: 763,677
*POPULATION ESTIMATE: 1,036,720
LANE MILES: 1,822

D. | ELLIS COUNTY

VEHICLE REGISTRATION: 201,810
*POPULATION ESTIMATE: 228,511
LANE MILES: 1,627

E. | KAUFMAN COUNTY

VEHICLE REGISTRATION: 151,162
*POPULATION ESTIMATE: 161,562
LANE MILES: 1,225

F. | NAVARRO COUNTY

VEHICLE REGISTRATION: 54,161
*POPULATION ESTIMATE: 55,873
LANE MILES: 1,276

G. | ROCKWALL COUNTY

VEHICLE REGISTRATION: 107,015
*POPULATION ESTIMATE: 131,172
LANE MILES: 365

