

TxDOT RESPONDS TO WINTER WEATHER

Continued from COVER STORY:



Thank you to the hundreds of TxDOT Dallas employees who worked around the clock to keep our roads safe during February's winter storms. They fought through subzero temperatures, power outages and several inches of precipitation to keep roads clear for our first responders and essential workers. Great job, everyone! ■

At Right: TxDOT emergency response vehicles doing their best to keep roads safe and operational.



SOURCE: TxDOT



Credits: TxDOT

TxDOT WINTER WEATHER PREPARATION

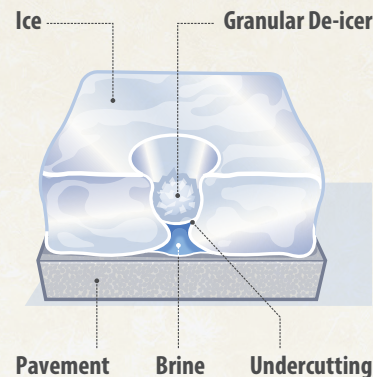
HOW DO THE CHEMICALS WORK?

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.

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.



WHICH MATERIALS ARE USED ON THE ROADS?



Before an ice/snow event

- Liquid salt-based anti-icers help prevent ice formation



During an ice/snow event

- Various salt-based granular de-icers are used to help melt ice already formed on the road

AFTER SNOW/ICE EVENT

- Stockpiles/supplies are replenished (multi-day storm)
- Roadways are swept/cleaned of excess aggregate
- Winter plan effectiveness is evaluated and adjusted
- Roadway repairs are scheduled (potholes, guardrails, structures, etc.)
- Equipment is serviced and prepared for the next winter storm

SOURCE: Texas Department of Transportation

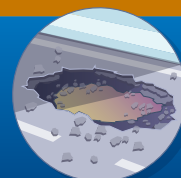
TxDOT graphics

DALLAS DISTRICT | PROGRESS



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REPORT A POTHOLE:

Visit www.txdot.gov/contact-us/formhtml?form=Report_a_Pothole or call 800.452.9292. Progress report can be downloaded at <http://www.txdot.gov/inside-txdot/district/dallas/progress.html>

DALLAS DISTRICT PROGRESS

Monthly Report on Dallas District Projects and Topics

★★★

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

TXDOT ASKS DRIVERS TO "TURN AROUND, DON'T DROWN"

TxDOT responds to February winter weather emergencies; asks motorists to 'Be Safe, Drive Smart' in spring storm season

STATEWIDE – Texas is famous for its ever-changing weather, including flash floods that can make driving treacherous in low-lying areas and on water-covered roadways. That's why TxDOT is reminding drivers to heed this important life-saving warning: "Turn Around, Don't Drown!"



Flash floods are the leading cause of weather-related deaths in Texas, and about 60% of flood-related deaths in our state involve motor vehicles. Just six inches of fast-moving water—enough to barely touch most people's lower legs or cover their ankles—can cause motorists to lose control of a vehicle, even a pickup truck or SUV. Flood waters also may be hiding dangers such as debris, tree branches, power lines, or damage to the road that can seriously damage a vehicle and harm or even kill drivers and passengers.

State law requires drivers to heed barriers blocking low water crossings or flooded roadways, or face a fine of up to \$2,000 and/or up to 180 days in jail. Motorists who tamper with or remove a roadway warning

IMPORTANT SAFETY TIPS TO REMEMBER:

TxDOT advises motorists in areas experiencing heavy rain or flooding to follow these safety tips:

In The Know	Use Caution	Drive Safe	Night Driver	The High Road
 Stay informed about weather conditions.	 Never drive through still or moving flood waters. Turn around, don't drown!	 Reduce your speed, drive to conditions, and turn off cruise control.	 Be especially careful driving at night, when it can be harder to see flood dangers.	 If your vehicle stalls in flood waters, if you can do so safely, leave it and move to higher ground.

SOURCE: Texas Department of Transportation

TxDOT graphic

sign or barricade are subject to a fine of up to \$1,000, up to two years in jail, or both.

"Be Safe. Drive Smart." is a key component of #EndTheStreakTX, a broader social media and word-of-mouth effort that encourages drivers to make safer choices while behind the wheel such as wearing a seat belt,

driving the speed limit, never texting and driving and never driving under the influence of alcohol or drugs. November 7, 2000 was the last deathless day on Texas roadways. #EndTheStreakTX asks all Texans to commit to driving safely to help end the streak of daily deaths on Texas roadways.

More on the BACK PAGE...



KUDOS!: Community Commentary about Texas Department of Transportation Projects

From Chris B. of Dallas: "Amazing job on making I-20 and I-35E South clear. TxDOT is working their butt off so that Texas can get to work. A stupendous effort! Thanks "

SOURCE: Texas Department of Transportation

TxDOT graphic

FEBRUARY 2021 LET PROJECTS (SUBJECT TO CHANGE)

	CSJ NUMBER	HWY	LIMITS	TYPE OF WORK	COST EST. (M)	BID (M)	(%)	EST. TOTAL COST (M) ³	CONTRACTOR
1	0047-07-228	US 75	Northaven Tr. from W of US 75 to east of US 75 White Rock Cr./Cottonwood Tr.	Construct apparoaches to bike/ped facility over US 75 & constru. a bike/ped bridge over White Rock Cr.	\$10.46	\$9.30	-11.15%	\$12.55	Ragle Constru., Inc.
2	0134-09-067	US 380/SH 114	Wise County line to FM 156	Cable barrier installation	\$1.83	\$1.63	-11.11%	\$2.12	Silver Cr. Constru., Inc.
3	0173-04-060	SH 34/FM 548	On SH 34 at FM 2728/ FM 548 from N of SH 276 to N of Munson Rd.	Intersection improvement (turn lanes)	\$1.24	\$1.40	13.16%	\$1.43	East Texas Bridge, Inc.
4	2982-01-007	FM 1390	SH 34 to FM 148	Restore existing pavement and add shoulders	\$8.34	\$7.60	-8.94%	\$9.70	Ed Bell Constru. Co.
5	3236-02-012	FM 3133	Brangus Rd. to Grayson County line	Restore existing pavement and add shoulders	\$7.30	\$5.93	-18.81%	\$8.48	A. K. Gillis & Sons, LLC
6	0918-47-215	VA	Various locations in the city of Dallas	Improve traffic signal, install sidewalks	\$2.06	\$1.89	-8.41%	\$2.47	Durable Specialties, Inc.
EST. FEBRUARY 2021 TOTALS					\$31.24	\$27.74	-11.20%	\$36.76	
DISTRICT FY ACCUMULATIVE LETTINGS					\$291.81	\$247.99			
² DALLAS DISTRICT FY LETTING VOLUME CAP					\$1,451.35 M ¹				

*Unmapped.

¹District FY 2021 Letting Volume Cap includes the IH 35 Phase II project for \$708,268,750.

²District Volume Cap subject to change pending final FIN Division Approval.

³Est. Total Project Costs includes est. PE, ROW, E&C, Indirect Costs and Potential Change Order Costs at the time of bid.

MARCH 2021 PROJECTED LETTING PROJECTS (SUBJECT TO CHANGE)

	CSJ NUMBER	HWY	LIMITS	TYPE OF WORK	EST. COST (M)
1	0009-11-238	IH 30	Bass Pro Dr. in Garland to Dalrock Rd.	Widen to add shoulder	\$30.18
2	0009-11-241	IH 30	Bass Pro Dr. to Dalrock Rd.	Constru. 0 to 6-lane frontage roads (FRs), Bayside Bridge and ramp mods, Reconstru. Dalrock interchange (IC)	\$120.57
3	0009-12-221	IH 30	Dalrock Rd. (Rockwall County line) to East of Dalrock Rd.	Transition for Dalrock IC including reconstruction of existing roadway to 4-lane FRs and ramps	\$7.00
4	0574-02-021	FM 636	FM 1129 to CR 4666/Morgan Springs Rd.	Restoration of existing pavement and add shoulders	\$11.17
5	2352-02-023	FM 2449	0.2 mile east of FM 156 to 0.7 mile west of IH 35W	Milled edgeline rumble strips, provide addiional paved surface width	\$4.53
6	2352-02-025	FM 2449	0.2 mile east of FM 156 to 0.7 mile west of IH 35W	Rehabilitate existing roadway and add shoulders	\$5.35
ESTIMATED TOTAL					\$178.8 M

COMPLETED CONSTRUCTION PROJECTS (FROM FEBRUARY 1-28, 2021)

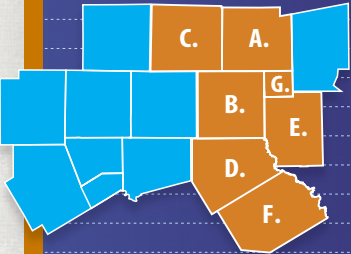
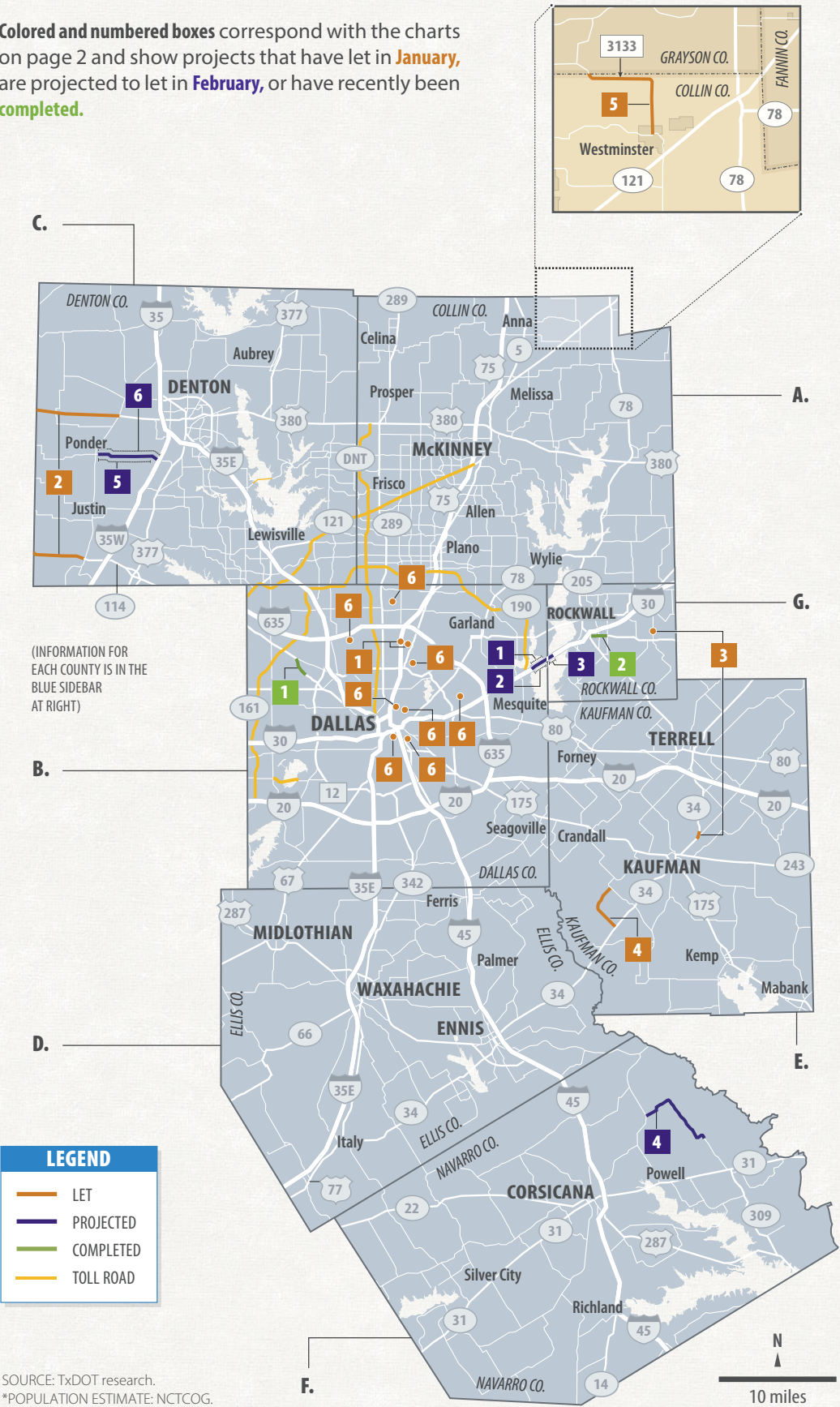
	CSJ NUMBER	HWY	LIMITS	TYPE OF WORK	EST. COST (M)	COMPLETED DATE
1	0353-06-068	SH 114	SP 348 to Rochelle Blvd	Install Guide Signs	\$0.86	1/19/2021
2	1290-02-017	SH 276	SH 205 to FM 549	Reconstruct & Widen 2 Lane Rural to 4 Lane Divided	\$17.7	2/25/2021
ESTIMATED TOTAL					\$18.6 M	

SOURCE: Texas Department of Transportation.

TxDOT graphics

DALLAS DISTRICT PROJECTS MAP

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



2021 DALLAS DISTRICT ESTIMATE TOTALS

VEHICLE REGISTRATION | 4,451,460
*POPULATION ESTIMATE | 5,046,435
LANE MILES | 10,945.063

A. | COLLIN COUNTY
VEHICLE REGISTRATION: 815,746
*POPULATION ESTIMATE: 1,033,046
LANE MILES: 1,554.718

B. | DALLAS COUNTY
VEHICLE REGISTRATION: 2,006,193
*POPULATION ESTIMATE: 2,647,576
LANE MILES: 3,374.238

C. | DENTON COUNTY
VEHICLE REGISTRATION: 694,485
*POPULATION ESTIMATE: 886,563
LANE MILES: 1,665.964

D. | ELLIS COUNTY
VEHICLE REGISTRATION: 665,303
*POPULATION ESTIMATE: 188,464
LANE MILES: 1,541.650

E. | KAUFMAN COUNTY
VEHICLE REGISTRATION: 128,716
*POPULATION ESTIMATE: 135,410
LANE MILES: 1,207.916

F. | NAVARRO COUNTY
VEHICLE REGISTRATION: 47,117
*POPULATION ESTIMATE: 52,013
LANE MILES: 1,252.710

G. | ROCKWALL COUNTY
VEHICLE REGISTRATION: 93,900
*POPULATION ESTIMATE: 103,363
LANE MILES: 347.867