

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.

# WINTER READY

**NORTH TEXAS** – The Dallas and Fort Worth districts recently hosted the annual winter weather prep presentation for members of the media.



From salt stockpiles to snowplows, crews demonstrated how TxDOT prepares for snowy and icy conditions through its plans, procedures, and equipment. Public information officers were on hand to answer questions.

New this year, American Automobile Association (AAA) spokesperson Daniel Armbruster demonstrated how to pack a winter vehicle emergency kit with some essential items.

As we all learned from the unprecedented winter weather event in Feb. 2021, conditions on roadways can change rapidly, and unfortunately, even with proactive measures, the fast-changing severe Texas weather can be unpredictable. If we all think ahead and develop a plan now, it can help keep as many of us as safe as possible.

**More on the BACK PAGE...**



SOURCE: TxDOT

Credit: TxDOT

**TxDOT crews demonstrate** to the media how roads are pre-treated with brine ahead of a winter storm.

### WINTER WEATHER PREPAREDNESS OVERVIEW:



**TxDOT maintenance crews** work around the clock to monitor storms and respond to trouble spots as they arise.

**The Dallas district** consists of 184 trucks and pieces of equipment to help treat icy and snowy conditions.

**TxDOT uses a brine solution** to pretreat roads ahead of a winter storm. Brine lowers the freezing point of moisture on a roadway, which can help keep ice from forming and make it easier for crews to remove ice that does form.

**A rock mixture** is also sometimes used to help improve traction on icy and snow-covered roads.

SOURCE: TxDOT

Credit: DEAN HOLLINGSWORTH/TxDOT Information Specialist

## DECEMBER 2021 LET PROJECTS

CSJ NUMBER	HWY	LIMITS	TYPE OF WORK	COST EST. (M)	BID (M)	(%)	EST. TOTAL COST (M) <sup>3</sup>	CONTRACTOR	
1	0092-06-108	IH 45	North of BUS 287 to Ellis County line	Full depth concrete repair	\$4.20	\$3.87	-7.82%	\$4.98	O. Trevino Constru., LLC
2	0173-05-041	SH 34; FM 2757	SH 34: N of BUS SH 34 to 3.0 miles S of Hunt Co. line; FM 2757: FM 740 to FM 741	Base repair, overlay, and pavement markings	\$2.14	\$2.10	-1.83%	\$2.54	Peachtree Constru., Ltd.
3	1975-01-010	FM 2515	FM 1836 to SH 243	Restore existing pavement & add shoulders	\$3.07	\$3.07	-0.19%	\$3.63	A. K. Gillis & Sons, LLC
4	2374-04-085	IH 20	West of Cockrell Hill Rd. to Hampton Rd.	Construct 0 to 4 lane frontage road	\$72.38	\$79.84	10.31%	\$91.81	Austin Bridge & Road Services, LP

\*Unmapped.

<sup>1</sup>District FY 2022 Letting Volume Cap includes the IH 35E Phase II project for \$708,268,750.

<sup>2</sup>District Volume Cap subject to change pending final FIN Division Approval.

<sup>3</sup>Estimated Total Project Costs includes estimated PE, ROW, E, Indirect Costs and Potential Change Order Costs at the time of bid.

EST. DECEMBER 2021 TOTALS	\$81.79	\$88.88	8.67%	\$102.96
DISTRICT FY ACCUMULATIVE LETTINGS	\$835.65	\$750.71		
<b><sup>2</sup>DALLAS DISTRICT FY LETTING VOLUME CAP</b>	<b>\$1,388.77 M<sup>1</sup></b>			

## JANUARY 2022 PROJECTED LETTING PROJECTS (SUBJECT TO CHANGE)

CSJ NUMBER	HWY	LIMITS	TYPE OF WORK	EST. COST (M)	
1	0048-04-094	IH 35E	At FM 387 (Butcher Rd.)	Reconstruct interchange, reconstruct and widen 4 to 4/6 lane frontage road	\$43.56
2	0172-05-125	US 287	FM 813 to BUS 287R	Install median barrier	\$2.78
3	0172-07-031	US 287	BUS 287R to south of Old Highway 287	Install median barrier	
4	0172-08-102	US 287	South Of Old Highway 287 to IH 45	Install median barrier	
5	0195-03-096	IH 35E	US 377 to FM 2181	Full depth concrete repair, pavement markings and diamond grinding	\$2.44
6	1950-01-040	FM 407	FM 2499 to IH 35E southbound frontage road	Full depth concrete repair, pavement markings and diamond grinding	
7	3088-01-033	FM 3040	SH 121 BUS to IH 35E southbound frontage roads	Full depth concrete repair, pavement markings and diamond grinding	
8	0195-03-101	IH 35E	US 77 to IH 35/IH 35W	Resurfacing	\$7.23
9	0195-03-102	IH 35	35E/IH 35W to US 380	Resurfacing	
10	0196-01-115	IH 35E	0.4 miles South Of Corinth Pkwy. to US 77	Resurfacing	
11	0196-07-034	SS 366	West Of Akard St. to Saint Paul St.	Construct extension of existing Klyde Warren Park deck plaza; structure only	\$42.28
12	0918-00-327*	VA	Various Locations in the Dallas District	DMS rehabilitation	\$1.20
13	2250-01-029	SL 288	At Shady Oaks Dr.	Improve pedestrian signals	
14	2250-01-030	SL 288	At Spencer Rd.	Improve pedestrian signals	
15	2355-01-006	FM 2451	Midland Dr. to SH 34	Restore existing pavement and add shoulders	\$8.95
16	2355-02-008	FM 2451	SH 34 to FM 148	Rehabilitate existing pavement and add shoulders	

\*Unmapped.

**ESTIMATED TOTAL \$108.44 M**

## COMPLETED CONSTRUCTION PROJECTS (FROM DECEMBER 1-31, 2021)

CSJ NUMBER	HWY	LIMITS	TYPE OF WORK	EST. COST (M)	COMPLETED DATE	
1	0197-02-124	US 175	E of Malloy Bridge Rd to Kaufman County line	Ramp mod, mill & inlay existing frontage roads	\$2.15	12/03/2021
2	0172-05-115	US 287	At Walnut Grove Rd	Construct interchange	\$27.62	12/29/2021
3	0918-00-360*	VA	In the Dallas District	Construction of rumble strips and pavement markings & markers	\$1.65	12/08/2021
4	0048-04-101*	VA	In the Dallas District	Seal coal, pavement markings & markers	\$11.33	12/01/2021

\*Unmapped.

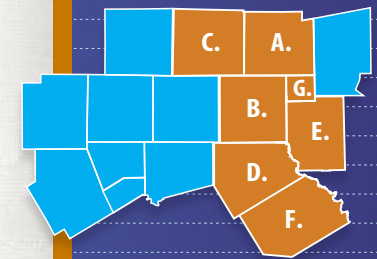
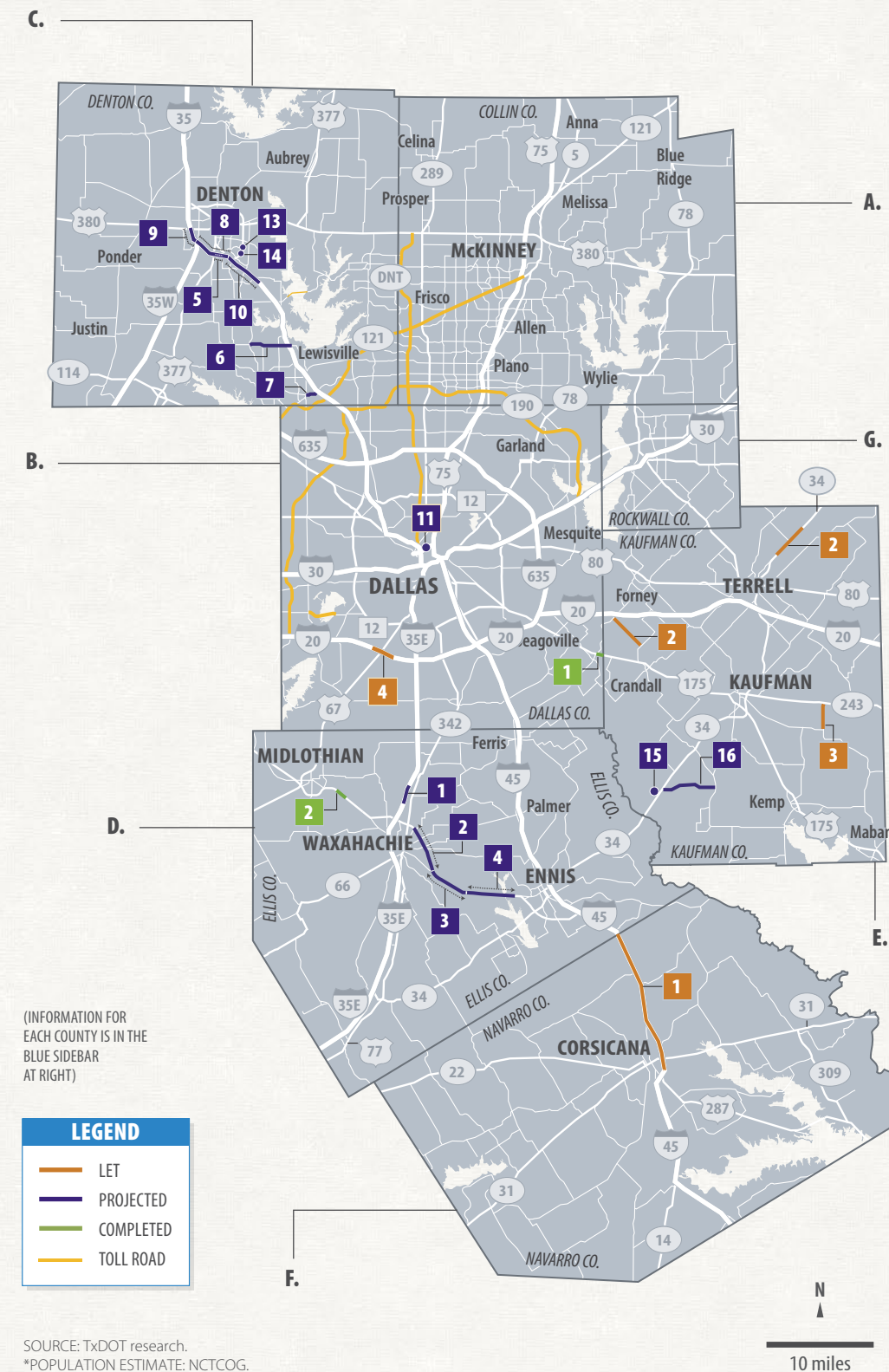
**ESTIMATED TOTAL \$42.75 M**

SOURCE: Texas Department of Transportation

Credit: TxDOT graphics

## DALLAS DISTRICT PROJECTS MAP

Colored and numbered boxes correspond with the charts on page 2 and show projects that have let in **December 2021**, are projected to let in **January 2022**, 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



SOURCE: TxDOT

Credit: TxDOT

Dallas District PIO Patrick Clarke and Fort Worth District PIO Val Lopez answered questions from the media at TxDOT's winter weather prep event, held at the Dallas district headquarters. Staffers from WFAA, KRLLD, Univision 23, KERA, CBS 11, FOX 4 and Spectrum News TX were in attendance.

## KEY MESSAGES TO REMEMBER:

- **TxDOT always urges drivers** to stay home and only travel if necessary during a winter weather event.
- **If you must drive**, reduce your speed and following distance.
- **Use caution** when approaching turns, bridges and shaded spots. Bridges and overpasses are the first places to freeze.
- **When you must stop**, brake gently and use slow, steady pushes to test traction.
- **Don't** use cruise control.
- **Give TxDOT crews** plenty of room to operate and slow down when approaching them.

## IMPORTANT NUMBERS:



Check weather forecasts, call our 24-hour hotline at **1-800-452-9292** or visit [DriveTexas.org](http://DriveTexas.org) to see the latest conditions and closures on your planned route. **Call 9-1-1** if you find yourself stranded or facing an emergency.



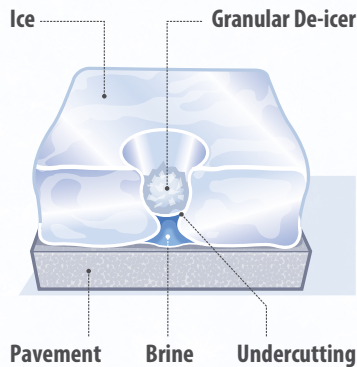
For more winter weather tips and a full list of suggested items in your winter vehicle emergency kit, visit at [txdot.gov](http://txdot.gov) and search "snow and ice."

## 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

Credit: DEAN HOLLINGSWORTH/TxDOT Information Specialist

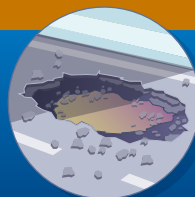
## DALLAS DISTRICT | PROGRESS



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### FOR MORE INFORMATION:

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[www.txdot.gov](http://www.txdot.gov)



### REPORT A POTHOLE:

Visit [www.txdot.gov/contact-us/formhtml?form=Report\\_a\\_Pothole](http://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>