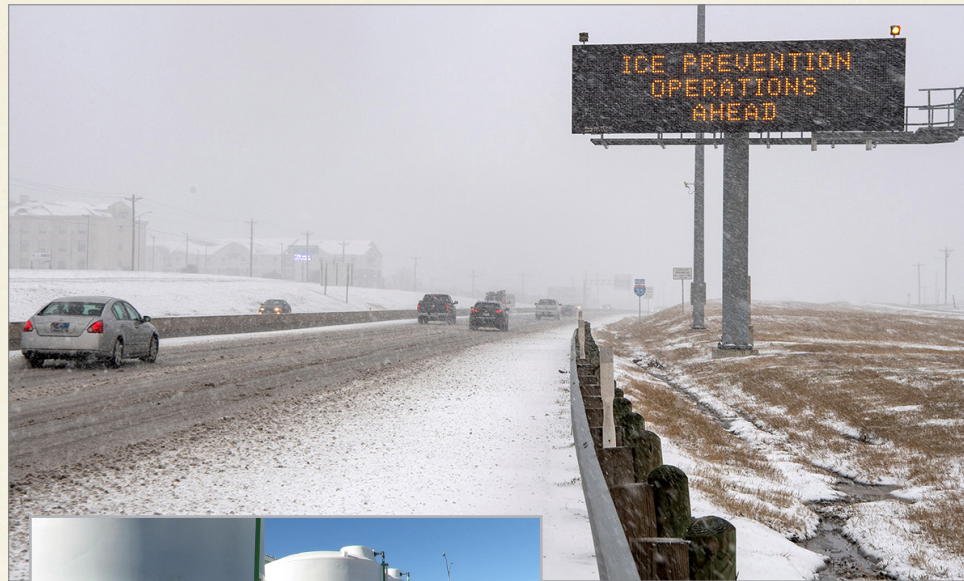


**Be Safe. Drive Smart.**

Our top priority at TxDOT is your safety, which is why we always advise motorists to stay off the roads during severe weather. If you must travel, check [www.DriveTexas.org](http://www.DriveTexas.org), or call 1-800-452-9292 to get the latest information on road conditions across the state. Hazardous weather can change unexpectedly, so reduce your speed, give yourself plenty of time to reach your destination and be courteous to others on the road to ensure everyone arrives safely. If you encounter TxDOT crews while traveling, give them plenty of room to operate and slow down when approaching them. As always, wearing a seat belt is one of the best ways drivers and passengers can protect themselves in any driving condition.



TxDOT photos



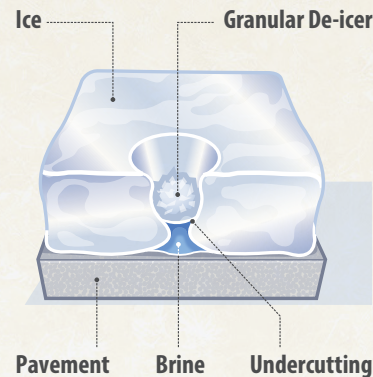
Above, a Dynamic Messaging System (DMS) board keeps drivers up-to-date on conditions, and at left, salt brine in these storage tanks is always ready to be supplied to TxDOT crews to help keep roads ice-free.

**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 by DEAN HOLLINGSWORTH/Information Specialist

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 IS READY TO RESPOND TO**

**WINTER WEATHER**

**STATEWIDE** – Most Texans know that we can experience all four seasons of weather in just one day! That’s why the Dallas District must be ready to respond



to inclement weather at any time. Leaving little chance to the forecast, TxDOT has spent

the past few months gearing up for the upcoming winter, updating response plans and restocking inventory. Last month, the Dallas and Fort Worth districts held a joint media event to highlight TxDOT’s winter preparations. Dallas District officials have been coordinating with other agencies, local governments and school districts as well. A thorough check of inventory is complete and de-icing materials have been restocked. TxDOT uses a variety of material during a winter weather event. TxDOT will also monitor weather reports and roadways to determine the best way to respond to a winter weather event.

**1 BEFORE an ice/snow event (pretreat):**  
If conditions allow, anti-icing materials help prevent ice formation. Bridges and overpasses are most the are most vulnerable to icing over during winter events and will be treated first.

**2 DURING an ice/snow event:**  
TxDOT uses various materials during a winter weather event depending on the situation. Salt based de-icers, sand, brine, or a combination of materials are all tools that TxDOT can use. Traction materials such as sand and gravel can also be effective.

**3 AFTER an ice/snow event:**  
Stockpiles and supplies are replenished, roadways are swept/cleaned of excess aggregate, roadways are repaired if necessary, and equipment is serviced and prepared for the next storm.

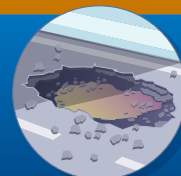
**The Dallas District** has nearly **480** employees on hand and **184** pieces of equipment including brine trucks and plows to respond around the clock as necessary to over **6,500** priority lane miles of roadway.



SOURCE: TxDOT

TxDOT graphic/photo

*More on BACK PAGE...*





## DECEMBER 2020 LET PROJECTS (SUBJECT TO CHANGE)

	CSJ NUMBER	HWY	LIMITS	TYPE OF WORK	COST EST. (M)	BID (M)	(%)	EST. TOTAL COST (M) <sup>3</sup>	CONTRACTOR
1	0596-02-040	FM 66	At Coffee Branch and Mesquite Branch	Replace bridge and approaches	\$2.45	\$2.49	1.84%	\$3.05	Knife River Corp. – South
2	2352-02-023	FM 2449	East of FM 156 to West of IH 35W	Milled edgeline rumble strips, provide additional paved surface width and add shoulders	\$8.13	\$6.59	-18.98%	\$10.35	Texas Materials Group, Inc.
3a – 3e	0196-06-033	VA	Various locations in the city of Dallas	Improve traffic signals	\$1.53	\$1.44	-5.75%	\$1.93	Durable Specialties, Inc.
<b>EST. DECEMBER 2020 TOTALS</b>					\$12.10	\$10.52	-13.10%	\$15.33	
<b>DISTRICT FY ACCUMULATIVE LETTINGS</b>					\$258.34	\$218.13			
<b><sup>2</sup>DALLAS DISTRICT FY LETTING VOLUME CAP</b>					<b>\$2,057.70 M<sup>1</sup></b>				

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

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

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

## JANUARY 2021 PROJECTED LETTING PROJECTS (SUBJECT TO CHANGE)

	CSJ NUMBER	HWY	LIMITS	TYPE OF WORK	EST. COST (M)
1	3236-02-012	FM 3133	FM 2862 South to Grayson County Line	Provide additional paved surface width, safety treat fixed objects, restore existing pavement and add shoulders	\$7.41
*	0918-47-279	VA	Various intersections in Rockwall and Dallas Counties	ADA curb ramps and sidewalk implementation	\$2.24
<b>ESTIMATED TOTAL</b>					<b>\$9.65 M</b>

\*Unmapped.

## COMPLETED CONSTRUCTION PROJECTS (FROM DECEMBER 1-31, 2020)

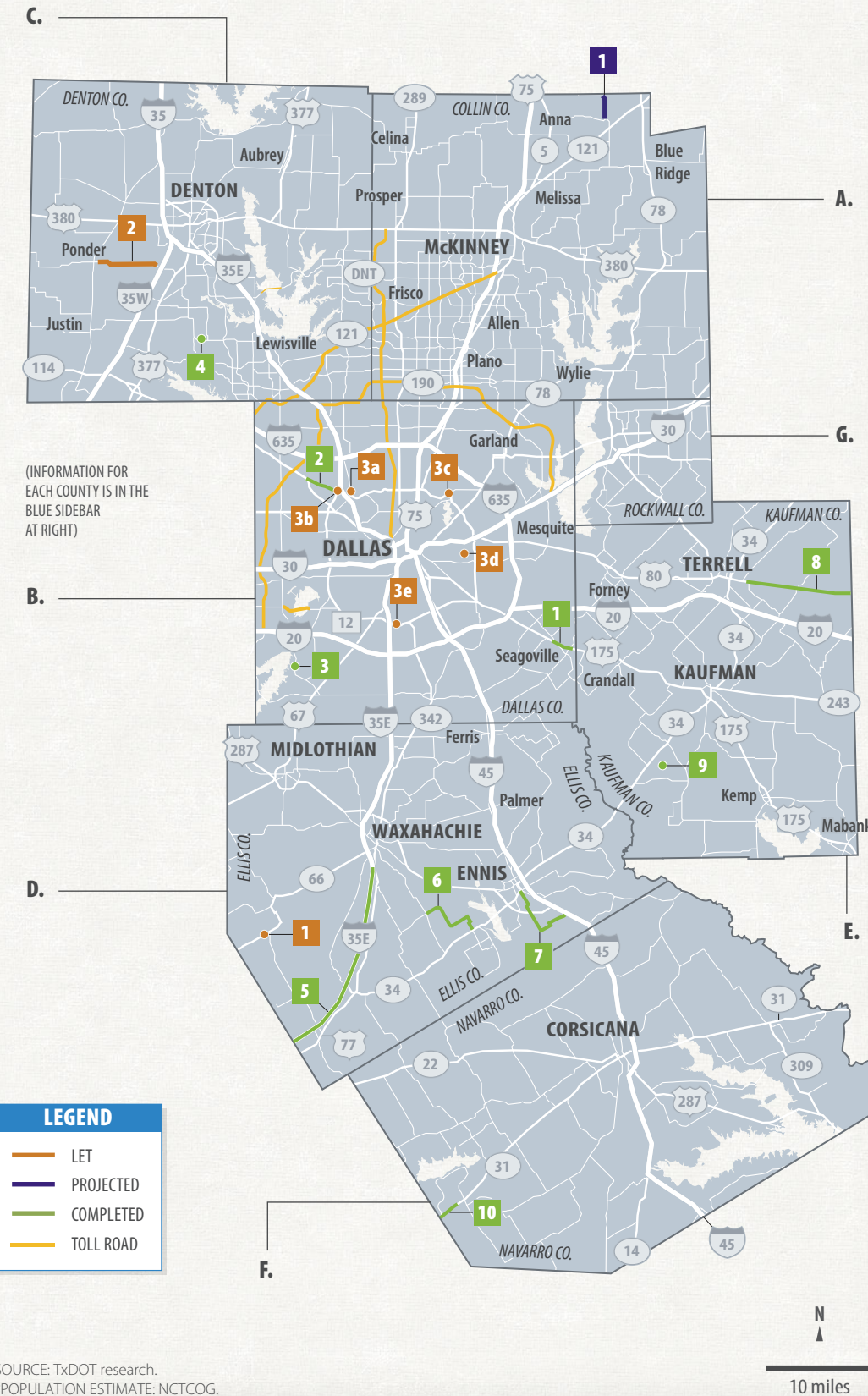
	CSJ NUMBER	HWY	LIMITS	TYPE OF WORK	EST. COST (M)	COMPLETED DATE
1	0197-02-121	US 175	Seagoville Rd. to Malloy Bridge Rd.	Slope failure repair	\$11.43	12/10/2020
2	0353-04-106	SS 348	SH 114 to SL 12	Concrete full depth repair, overlay and pavement markings	\$12.97	12/29/2020
3	1047-03-070	FM 1382	At Cedar Hill State Park Spine Rd.	Install traffic signals, hike and bike trails	\$6.05	12/15/2020
4	1950-01-039	FM 407	Lantana Trail to 450 E of East Caruth Ln.	Landscape treatment of medians and row	\$0.86	12/08/2020
5	0048-08-052	IH 35E	Hill C/L to US 77 South	Full depth concrete repair and pavement markings	\$1.02	12/15/2020
6	1211-02-019	FM 984	FM 877 to SH 34	Reconstruct existing pavement and add shoulders	\$7.14	12/22/2020
7	1317-01-015	FM 1183	SH 34 in Ennis to IH 45	Reconstruct existing pavement and add shoulders	\$8.15	12/09/2020
8	0095-05-059	US 80	0.23 miles E of FM 429 to Van Zandt C/L	Install median cable barriers	\$4.11	12/22/2020
9	0918-11-090	CR	CR 4083 at Coal Iron Creek	Replace bridge and approaches	\$1.39	12/15/2020
10	0162-03-042	SH 31	Hill C/L to 0.221 miles W of NW CR 3180	Install median cable barriers	\$4.89	12/03/2020
*	0918-22-157	VA	At various locations	Replace turndowns and guardrail	\$4.53	12/22/2020
<b>ESTIMATED TOTAL</b>					<b>\$62.54 M</b>	

\*Unmapped.

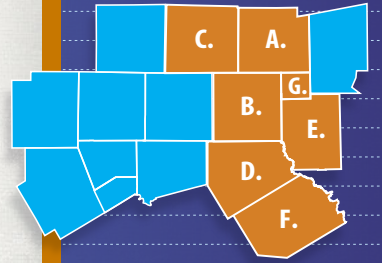
TxDOT graphics

## DALLAS DISTRICT PROJECTS MAP

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



(INFORMATION FOR EACH COUNTY IS IN THE BLUE SIDEBAR AT RIGHT)



### 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