

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.

“SUPER STREET”



It's no secret North Texas is a great place to live -- All you have to do is look at the number of people moving here. DFW leads the nation in population growth, and one of the fastest growing regions in the Metroplex is up north in Denton County.

According to U.S. Census and Bureau data, Denton County gained more than 27,000 residents last year.

Combine that with its neighbors to the east in Collin County, where 36,000 residents were added to the mix.

That's a lot more cars creating a lot more traffic. As a wise man once said, those new residents aren't bringing their roads with them.

Enter the US 380 Improvement Project, which kicked off early this year.

"This project is really about safety and congestion relief," said TxDOT Denton County Area Engineer Travis Campbell. "US 380 has the same amount of traffic as I-35W in Denton County. As the only major east-west corridor through Denton and Collin County, and with unprecedented growth in the area, US 380 provides access to hundreds of thousands of residents each day. Our primary objective is to increase capacity while providing a facility that meets today's safety requirements."



Crews work on the construction of a drainage structure on US 380 in Denton County

Photo credit:
US 380 Project Manager Mike Glisson



The highly anticipated \$140 million project will widen the roadway from four to six lanes, just east of US Highway 377 to the Collin County line.

The 10-and-a-half-mile long endeavor

will also add grade separations at five major intersections, a curbed median, and improved pedestrian access.

More on BACK PAGE »

NOVEMBER 2022 LET PROJECTS

	CSJ NUMBER	HWY	LIMITS	TYPE OF WORK	COST EST. (M)	BID (M)	(%)	CONTRACTOR
1	0009-12-219	I-30	SH 205 to west of FM 2642 (Hunt C/L)	Widen road and add lanes	\$386.66	\$486.40	25.80%	Austin Bridge & Road Services, LP
2	0135-02-069	US 380	Denton C/L to Lovers Lane	Install illumination	\$2.30	\$2.00	-13.20%	Highway Intelligent Traffic Solutions, LLC
3	0581-01-156	SL 12	E of Carbondale St. to I-30; SS 408 to I-35E	Planing, concrete full depth repair, OV and sidewalks	\$6.67	\$7.28	9.18%	Ragle Construction, Inc.
4	1315-01-028	FM 1385	Approx 2 miles north of FM 428 to FM 455	Rehabilitation of existing road	\$7.42	\$7.57	2.09%	Stateline Construction, LLC
EST. NOVEMBER 2022 TOTALS					\$403.05	\$503.25	25.80%	
DISTRICT FY ACCUMULATIVE LETTINGS					\$773.86	\$871.92		
DALLAS DISTRICT FY LETTING VOLUME CAP					\$1,301,360,000**			

** District FY 2022 Letting Cap includes the following:

1) IH 35E Phase II Dallas County Design Build Project for \$708 million

Note: Accumulative Letting/Obligations decreased due to bid rejection of Klyde Warren Deck Park Extension CSJ 0196-07-034 and IH 35E Frankford Rd CSJ 0196-02-132.

DECEMBER 2022 PROJECTED LETTING PROJECTS (SUBJECT TO CHANGE)

	CSJ NUMBER	HWY	LIMITS	TYPE OF WORK	EST. COST (M)
1	0047-04-031	SH 5	SH 121 to north of Collin County Outer Loop	Reconstruct & widen 2 In rural hwy to 4 In urban	\$41.15
2	0092-14-098	IH 45	IH 30 to Pennsylvania Ave.	Bridge maintenance	\$6.00
3	0196-02-132	IH 35E	Frankford Rd. to Corporate Dr.	Highway operations program	\$16.11
4	1567-01-042	FM 720	FM 720, FM 544, & FM 423 to Eldorado Pkwy., Collin C/L, SH 121	Full depth concrete repair	\$3.50
5	2352-02-027	FM 2449	FM 156 to Clairmont Dr.	Rehabilitate existing roadway	\$1.42
6	2374-04-090	IH 20	IH 20 at Spur 408	Rehabilitate bridge	4.82
ESTIMATED DECEMBER TOTAL					\$73.00 M

COMPLETED CONSTRUCTION PROJECTS (FROM NOVEMBER 1-30, 2022)

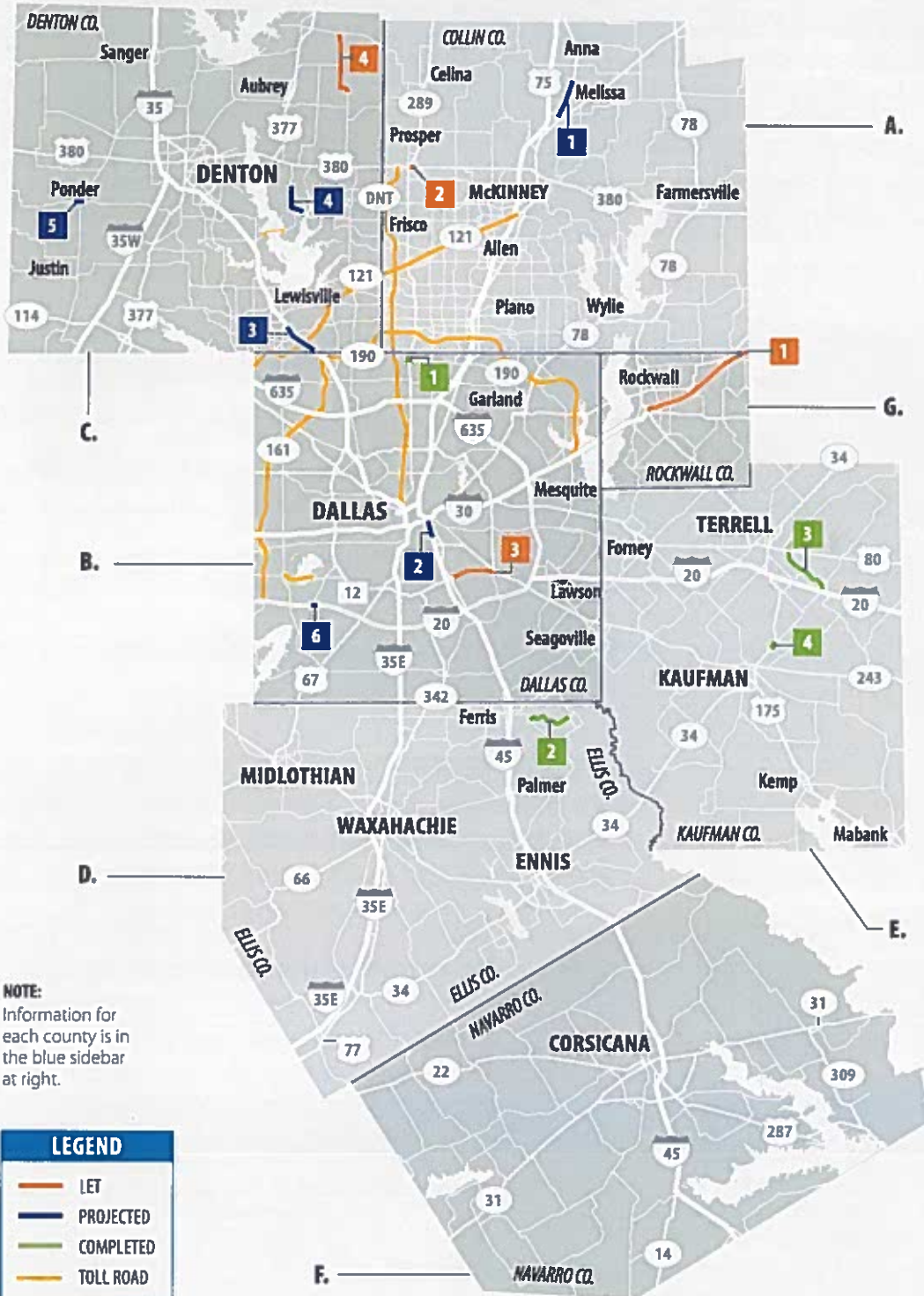
	CSJ NUMBER	HWY	LIMITS	TYPE OF WORK	EST. COST (M)	COMPLETED DATE
1	0091-06-059	SH 289	At Campbell Rd. in the City of Dallas	Improve traffic signals	\$1.24	11/16/2022
2	1048-03-011	FM 780	From FM 660 to end of maintenance	Reconstruct existing pavement and add shoulders	\$6.87	11/30/2022
3	0697-03-029	FM 429	From I-20 to US 80	Rumble strips & provide additional paved surface width	\$6.21	11/14/2022
4	0173-04-060	SH 34	At FM 2728	Intersection improvements (turn lanes)	\$1.40	11/14/2022
ESTIMATED NOVEMBER TOTAL					\$15.72 M	

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 2022**, are projected to let in **December 2022**, 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



2022 DALLAS DISTRICT ESTIMATE TOTALS

VEHICLE REGISTRATION | 4,189,810
*POPULATION ESTIMATE | 5,274,480
LANE MILES | 11,087.892

A. COLLIN COUNTY

VEHICLE REGISTRATION: 865,094
*POPULATION ESTIMATE: 1,135,060
LANE MILES: 1,556.034

B. DALLAS COUNTY

VEHICLE REGISTRATION: 2,095,680
*POPULATION ESTIMATE: 2,654,510
LANE MILES: 3,438.432

C. DENTON COUNTY

VEHICLE REGISTRATION: 737,322
*POPULATION ESTIMATE: 950,660
LANE MILES: 1,730.268

D. ELLIS COUNTY

VEHICLE REGISTRATION: 195,865
*POPULATION ESTIMATE: 207,620
LANE MILES: 1,547.372

E. KAUFMAN COUNTY

VEHICLE REGISTRATION: 141,728
*POPULATION ESTIMATE: 153,130
LANE MILES: 1,215.381

F. NAVARRO COUNTY

VEHICLE REGISTRATION: 52,281
*POPULATION ESTIMATE: 53,610
LANE MILES: 1,252.730

G. ROCKWALL COUNTY

VEHICLE REGISTRATION: 101,840
*POPULATION ESTIMATE: 119,900
LANE MILES: 347.675

Continued from COVER STORY



Construction is separated into three phases, each lasting about a year up to the estimated completion in 2025. The project is currently a little more than 20 percent complete, with nine miles of drainage already complete. Concrete paving has already begun as well. The project progress is expected to advance more quickly as major work items are completed in the first phase.

The project team has been working closely with neighboring businesses, local governments, chambers of commerce and schools to make sure no access is ever cut off.

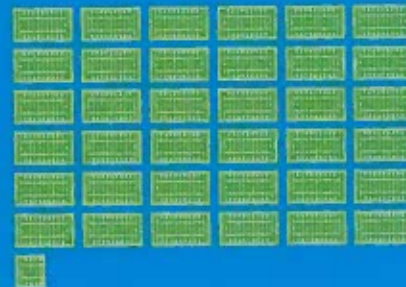
"Recently, we partnered with Denton ISD to open a temporary access point to the new stadium at Braswell High School for a relief route after their games and events," Campbell said. ■

US 380 FUN FACTS

There is enough concrete paving on US 380 to cover The Dallas Cowboys field and sidelines 36 1/2 times.



3,700 tons of recycled concrete is going back into the project as roadway base material.



SOURCE: TxDOT

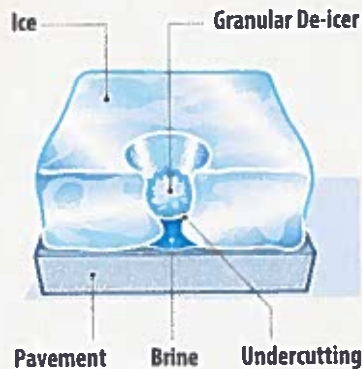
TxDOT graphics

TxDOT PREPARED FOR WINTER WEATHER

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



KUDOS! : Project-Related Comments for the Texas Department of Transportation

THIS MONTH'S COMMENT: "As I was heading north on Walton Walker recently, I noticed the message boards informing drivers of an accident ahead. I want to say that I truly appreciate them. I really like that they give drivers enough time to find an alternate route." – Mr. Lochner from North Texas

SOURCE: Texas Department of Transportation

TxDOT graphics

DALLAS DISTRICT | PROGRESS



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

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/report-issue/SubPage/roadNeedsRepair.html> or call 800-452-9392. Progress report can be downloaded at <http://www.txdot.gov/inside-txdot/district/dallas/progress.html>