

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.

US 380 PLANS MOVE FORWARD

As Collin and Denton counties continue to grow at a rapid pace, TxDOT is committed to alleviating congestion along the US 380 corridor, a major east/west connector among North Texans.



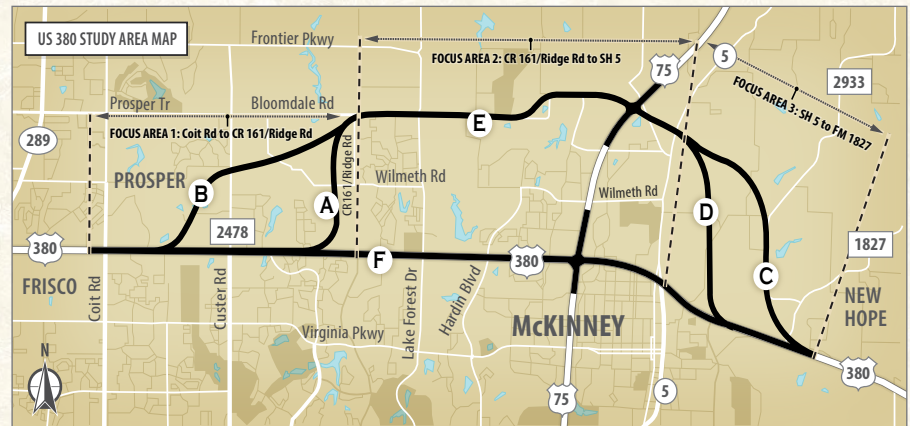
With Collin County surpassing 1 million residents a few years ago and Denton County following close behind, the approximately 60-mile stretch of roadway is vital to the area's growth.

Plans are currently being developed to create a six- to eight-lane freeway with frontage roads along US 380. Denton County's project is in the early stages of public involvement. The Collin County section has been divided into five projects, all at different environmental stages. One of the most high-profile projects, which runs from Coit Road in Prosper to FM 1827 in McKinney, is nearing the final stages of planning.

Last year, TxDOT determined widening the roadway in that area was not recommended along its current alignment, due to the potential impact to businesses and residencies. Thus, several alternatives were proposed and analyzed.

The preferred alternative was announced in the draft environmental impact study in January.

The selected route will stay along the current US 380 corridor farther before moving north,



SOURCE: TxDOT

TxDOT graphics

just west of County Road 161/Ridge Road. The alignment then continues along Bloomdale Road before veering south near FM 2933. The route will have fewer displacements and

avoid impacting a horse therapeutic facility, which was a major public concern.

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JANUARY 2023 LET PROJECTS

	CSJ NUMBER	HWY	LIMITS	TYPE OF WORK	COST EST. (M)	BID (M)	+/- (%)	EST. TOTAL COST (M)	CONTRACTOR
1	0092-03-057	IH 45	SH 34 to south of SL 161	Repair roadway	\$2.71	\$2.67	-1.53%	\$3.10	Gibson & Associates, Inc.
2	0095-03-107*	VA	Various locations to in the Dallas District	Seal coat and pavement markings	\$21.84	\$21.78	-0.26%	\$23.63	Brannan Paving Co., Ltd.
3	0196-02-128 ¹	IH 35E	At 1171 and Main St.	Interchange improvement	\$84.50	\$105.46	24.80%	\$106.90	Sema Construction, Inc.
4	1013-01-038	FM 546	At FM 3286 intersection	Intersection improvement	\$2.81	\$3.31	17.80%	\$3.75	A. K. Gillis & Sons, LLC
5	1014-02-043	FM 548	At Parker Creek	Bridge replacement	\$3.84	\$4.09	6.61%	\$4.99	Indus Road & Bridge, Inc.
6	1567-02-037	FM 423	W Lake Highlands Dr. to Lake Ridge Dr.	Landscape development	\$0.22	\$0.49	20.89%	\$0.27	C. Green Scaping, L.p.

* Unmapped.

¹ Indicates project is an A+B bidding project.

** District FY 2022 Letting Cap includes the following:

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

EST. JANUARY 2023 TOTALS	\$115.92	\$137.81	11.39%
DISTRICT FY CUMULATIVE LETTINGS	\$961.31	\$1,080.88	
DALLAS DISTRICT FY LETTING VOLUME CAP	\$1,301,360,000**		

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.

FEBRUARY 2023 PROJECTED LETTING PROJECTS (SUBJECT TO CHANGE)

	CSJ NUMBER	HWY	LIMITS	TYPE OF WORK	EST. COST (M)
1	0047-14-087	US 75	West University Dr. to south of Virginia Pkwy.	Landscape Development	\$0.59
2	0092-02-141	IH 45	8.4 miles south of IH 20	Bridge Maintenance	\$3.92
3	0173-02-077	SH 34	Ellis County line to FM 1390	Rehabilitate Existing Roadway	\$11.62
4	0442-02-169	IH 35E	At Woody Branch	Bridge Maintenance	\$2.08
5	0816-02-083	FM 455	At Creek Creek	Replace Bridge and Approaches	\$4.13
6	0918-47-347*	Marsalis Ave.	Various Intersections to In City of Dallas	Traffic Signal Improvements	\$1.81
7	1047-03-076	FM 1382	1 mi N of Penn Branch Pkwy. to 1200' N of Penn Branch Pkwy.	Drainage Improvements & Install Median Barrier	\$3.76

* Unmapped.

ESTIMATED TOTAL \$27.91 M

COMPLETED CONSTRUCTION PROJECTS (FROM JANUARY 1-31, 2023)

	CSJ NUMBER	HWY	LIMITS	TYPE OF WORK	EST. COST (M)	COMPLETED DATE
1	0918-47-096	West Spine Rd.	On West Spine Rd., within the Cedar Hill State Park	Rehabilitation of existing park road	\$4.55	01/23/2023
2	0195-03-101	IH 35E	From US 77 to IH 35W	Resurfacing	\$6.08	01/23/2023

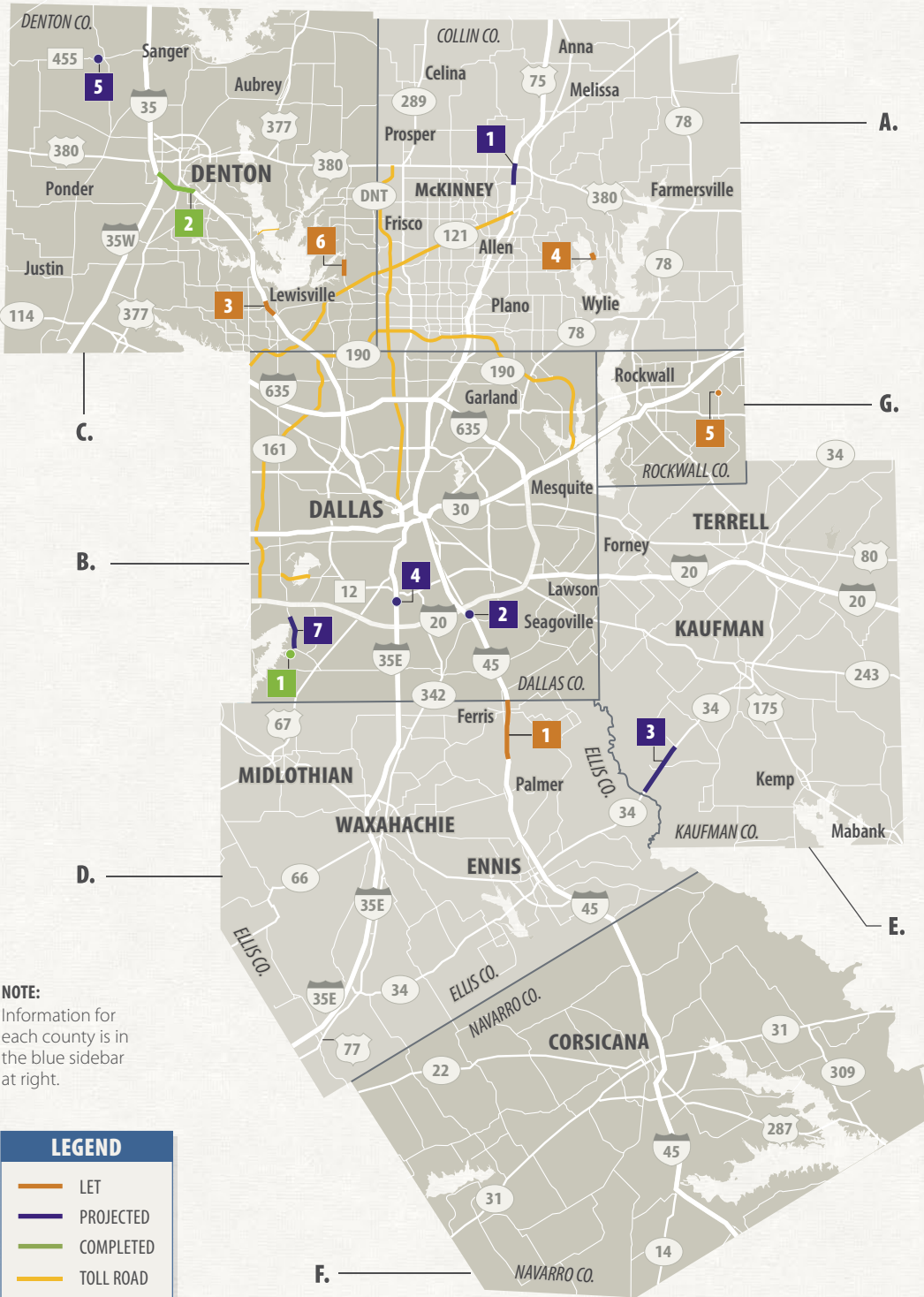
ESTIMATED TOTAL \$10.63 M

SOURCE: Texas Department of Transportation.

TxDOT graphic

DALLAS DISTRICT PROJECTS MAP

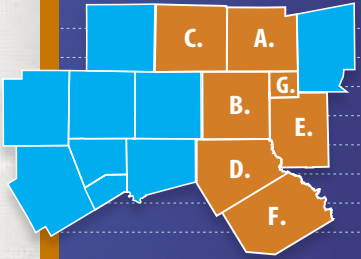
Colored and numbered boxes correspond with the charts on page 2 and show projects that have let in **January 2023**, are projected to let in **February 2023**, or have recently been **completed**.



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 »



Both Collin and Denton counties have had interim projects that address congestion and safety concerns with today's current traffic.

Denton County's interim US 380 project will widen the highway and eliminate at-grade crossings at five intersections. That project is currently under construction and is expected to be complete in 2025. Eventually, the entire US 380 corridor would be a controlled access highway, with stoplights only on frontage roads, which will manage congestion and improve mobility.

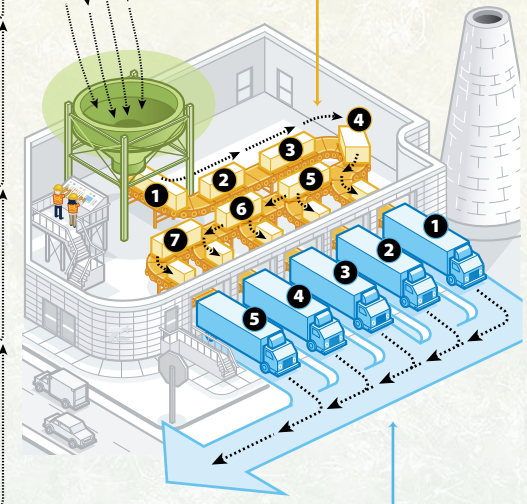
Throughout all phases of public involvement for the US 380 project in Prosper/McKinney, TxDOT received thousands of comments from the public regarding potential new alignments. As TXDOT nears making a record of decision, the public will have another chance to share their feedback. Two public hearings are scheduled in February for the community to learn about the plans for US 380. All materials will be available online at www.keepitmovingdallas.com/US380EIS starting at 5:30 p.m. Feb. 16 and 21.

1. FUNDING SOURCES

- Motor Fuel Taxes
- Vehicle Registration Fees
- Prop 1/Prop 7
- Federal Reimbursements

2. ADVANCED PLANNING

- 1. Public Involvement
- 2. Feasibility Analysis
- 3. Environmental
- 4. Engineering
- 5. Right of Way
- 6. Utility Adjustment
- 7. Contractor Procurement



3. MOBILITY AND MAINTENANCE PROJECTS

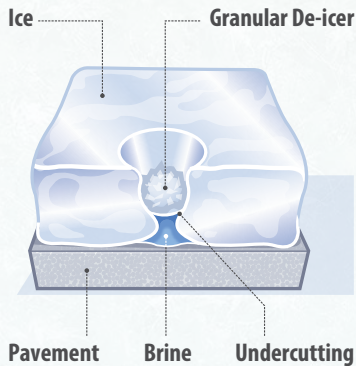
- 1. Connectivity
- 2. Preservation
- 3. Safety
- 4. Mobility
- 5. Roadway Maintenance

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

SOURCE: Texas Department of Transportation

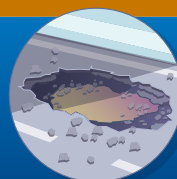
Credit: DEAN HOLLINGSWORTH/TxDOT Information Specialist

DALLAS DISTRICT | PROGRESS



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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>