

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.

COMMENTS BEING ACCEPTED ON PROP 1 PROJECT LIST

DALLAS — Transportation officials in the Dallas District are currently accepting public input on how best to spend its share of more than \$1.7 billion.



In November, Texans overwhelmingly approved Prop 1, a constitutional amendment expected to provide an additional \$1.74 billion a year to transportation projects throughout the state.

A month later, Texas received the highest overall rating for having the most cost-effective state highway system among the nation's 20 most populous states, according to the Reason Foundation's 21st Annual Highway Report.

In an effort to continue its pledge of being a good steward of taxpayer dollars, TxDOT recently held numerous public hearings to gather feedback on an initial group of 201 road projects the agency is set to tackle across the state. In the Dallas District, the list includes more than a dozen proposed projects, estimated at more than \$230 million.

"The overwhelming support for the proposition by Texas voters is a clear message that transportation is an essential priority for our citizens," said TxDOT Executive Director LtGen Joe Weber, USMC (Ret). "Now the work begins. We've been coordinating with locally-elected officials and local planning organizations to identify project priorities."

The goal of the meetings was to explain to the public how the agency and local metropolitan planning organizations identified potential projects to include in the 2015 Unified Transportation Program (UTP) – the agency's plan for project development over the next 10 years – and seek their input and comments on these proposed projects. The proposed new projects will be funded over the next 12 months.

The Texas Transportation Commission was recently presented a draft group of projects for consideration. The Commission then will

HWY.	LIMITS	DESCRIPTION	EST. CONSTR. COST (M)	PROP 1 FUNDS (M)
FM 1388	FM 148 to US 175	Pavement surface and overlay	\$8.50	\$8.50
FM 2860	FM 1388 to US 175	Rehabilitate roadway	\$5.71	\$5.71
FM 85	I-45 to FM 1182	Rehabilitate roadway, add shoulders	\$10.25	\$10.25
I-30	Belt Line Rd. to MacArthur Blvd.	Construct three-lane frontage roads	\$13.41	\$13.41
I-35E	I-20 to SL 12	Pavement repair/overlay mainlanes	\$1.05	\$1.05
I-35E	US 77 S of Waxahachie to US 77 N of Waxahachie	Reconstruct and widen from 4 to 6 lanes	\$138.00	\$16.43
I-35E	2 mi. S of FM 566 (Hill C/L) to US 77 S of Waxahachie	Widen 4 lane rural to 6 lanes	\$48.20	\$48.20
I-45	0.9 mi. N of US 287 to Ellis C/L	Installation of wireless ITS	\$0.55	\$0.55
I-45	0.6 mi. N of FM 1394 to 0.9 mi. N of US 287	Installation of wireless ITS	\$0.45	\$0.45
I-45	0.4 mi. S of FM 246 to S of SH 14	Widen highway from 4 to 6 lanes	\$38.14	\$38.14
I-45	Freestone C/L to 0.6 mi. N of FM 1394	Installation of wireless ITS	\$0.27	\$0.27
SH 31	3.2 mi. W of FM 2555 to 3.7 mi. E of I-45	Construct new location relief route; ultimate four lane	\$71.12	\$17.92
SL 12	Illinois Avenue to I-35E	Full depth repair concrete pavement	\$0.47	\$0.47
Spur 408	I-20 to SL 12	Pavement repair/overlay	\$0.74	\$0.74
US 75	N of Melissa Rd. to S of FM 455 interchange	Reconstruct/widen 4 to 6 lanes and 2 lane frontage rds.	\$55.00	\$52.50
US 75	At FM 455 interchange in Anna	Construct interchange	\$24.26	\$24.00

SOURCE: Texas Department of Transportation.

TxDOT graphic

vote on the proposed projects in February. TxDOT officials expect some projects could be awarded as early as March. Many of the projects will be ready to proceed to construction within four to six months now that appropriation has been received.

Meantime, TxDOT will continue to accept formal public comments regarding the proposed UTP updates until 4 p.m. on Feb. 23, 2015. Comments may be submitted via email

to TPP_UTP@txdot.gov; by phone at (800) 687-8108; or by mail to Texas Department of Transportation, attention: James Koch - UTP, P.O. Box 149217, Austin, TX 78714-9217.

The list of projects proposed for the Dallas District includes, among others, continued widening of US 75 in Collin County, and a widening of Interstate 45 in Navarro County and Interstate 35E in Ellis and Dallas counties (See graphic above). ■

FEBRUARY | 2015

■ LET | ■ PROJECTED | ■ COMPLETED

SH: STATE HWY. | FM: FARM TO MARKET | CR: COUNTY RD. | CS: CITY ST. | SL: STATE LOOP | SP: SPUR | BUS: BUSINESS | VA: VARIOUS LOCATIONS

JANUARY 2015 LET PROJECTS

CSJ NUMBER	HWY	LIMITS	TYPE OF WORK	EST. (M)	BID (M)	(%)	EST. TOTAL COSTS (M) ***	CONTRACTOR	
0568-01-046	SH 34	FM 667 To US 287	Profile pavement markings	\$0.22	\$0.20	-11.44	\$0.22	Total Highway Maintenance, LLC	1
1211-01-018	FM 984	At draw, 1.7 miles S of SH 34 at Onion Creek relief #1 and #2	Replace bridge and approaches	\$2.16	\$2.33	8.15	\$2.98	IEA Inc.	2
1494-02-008	FM 1565	FM 986 to Hunt County Line	Provide additional pavement surface and overlay	\$1.78	\$1.65	-7.43	\$1.89	Apac-Texas, Inc.	3
JANUARY 2015 TOTAL				\$4.17	\$4.18	0.42	\$5.09		
DISTRICT FY ACCUMULATIVE LETTINGS				\$802.76	\$947.32	18.01			
DALLAS DISTRICT LETTING CAP				\$1,046.87**					

**District FY 2015 Letting Vol. Cap includes the following:
1) The SH 183 Managed Lanes project for \$513 million.

***Est. Total Proj. Costs includes estimated PE, ROW, E&C, Indirect Costs and Potential Change Order Costs at the time of bid.

FEBRUARY 2015 PROJECTED LETTING PROJECTS (SUBJECT TO CHANGE)

CSJ NUMBER	HWY	LIMITS	TYPE OF WORK	EST. (M)	
0009-02-045	SH 78	Garland Rd. from south of Tranquilla to SP 244 (Northwest Highway)	9 Intersection improvements and utility adjustment	\$7.24	1
0312-02-016	FM 51	At Blocker Creek and Relief	Replace bridge and approaches	\$2.33	2
0353-02-063	SH 114	At FM 156	Construct interchange	\$29.64	3
1015-01-022	FM 3549	SH 66 to FM 552	Rehabilitate existing roadway	\$2.23	4
1051-02-017	FM 876	FM 876 at Big Onion Creek to FM 308 at draw	Replace bridge and approaches	\$1.85	5
1092-01-017	FM 741	US 175 to east of FM 548	Provide additional pavement surface and overlay	\$6.41	6
1950-01-036	FM 407	FM 407 from Briarhill to I-35E and FM 2281 from Hebron Pkwy. to SH 121	Full-depth concrete pavement repair	\$1.75	7
2374-01-176	I-635	West of I-30 to west of US 75	Convert HOV lanes to express lanes	\$12.56	8
0048-01-061*	SH 342	Various locations in Dallas County	Rehabilitation of traffic signals	\$0.80	
				TOTAL	\$64.81

*Unmapped.

COMPLETED CONSTRUCTION PROJECTS (FROM JANUARY 1 – 31, 2015)

CSJ NUMBER	HWY	LIMITS	TYPE OF WORK	DATE COMPLETED	COST (M)	
0353-05-084	SL 12	West Lawther Dr. to Goforth Dr.	Reconstruct 6 lane roadway in White Rock Creek floodplain	01/07/2015	\$31.48	1
0048-01-062*	VA	Various highways	District-wide seal coat	01/28/2015	\$7.85	
					TOTAL	\$39.33

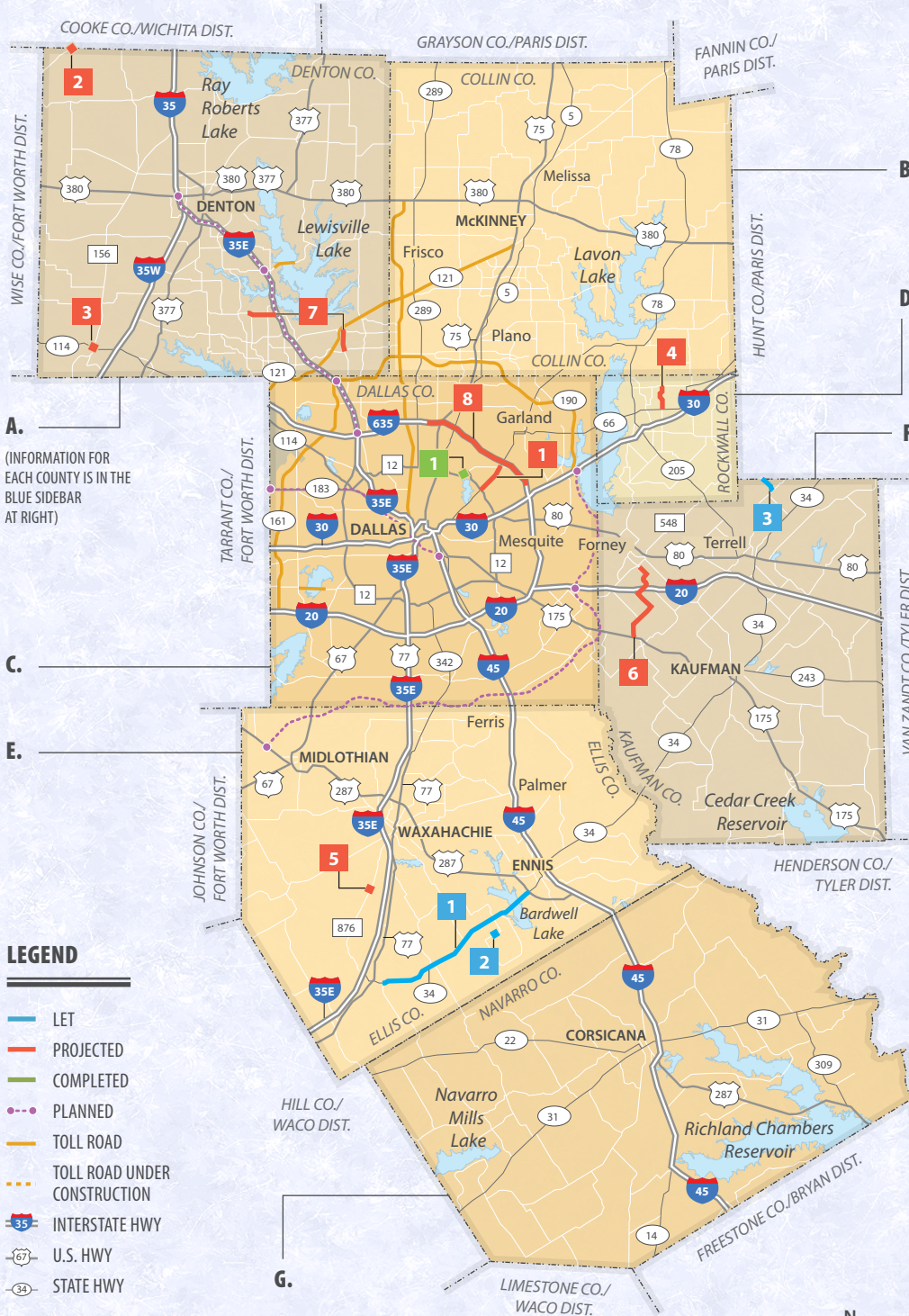
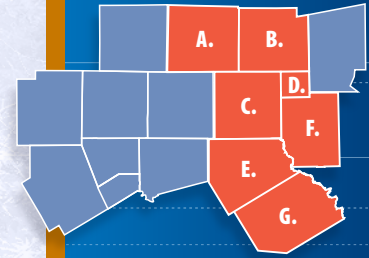
*Unmapped.

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, are projected to let in February or have recently been completed.



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

C.

E.

LEGEND

- LET
- PROJECTED
- COMPLETED
- .- PLANNED
- TOLL ROAD
- .- TOLL ROAD UNDER CONSTRUCTION
- 35 INTERSTATE HWY
- 67 U.S. HWY
- 34 STATE HWY

SOURCE: TxDOT research.
*POPULATION ESTIMATE: NCTCOG.

DALLAS DISTRICT TOTALS

VEHICLE REGISTRATION | 3,591,178
*POPULATION ESTIMATE | 4,259,090
LANE MILES | 10,847.34

A. | DENTON COUNTY

VEHICLE REGISTRATION: 559,501
*POPULATION ESTIMATE: 683,010
LANE MILES: 1,597.47

B. | COLLIN COUNTY

VEHICLE REGISTRATION: 680,383
*POPULATION ESTIMATE: 804,390
LANE MILES: 1,563.69

C. | DALLAS COUNTY

VEHICLE REGISTRATION: 1,952,662
*POPULATION ESTIMATE: 2,385,990
LANE MILES: 3,440.13

D. | ROCKWALL COUNTY

VEHICLE REGISTRATION: 79,075
*POPULATION ESTIMATE: 80,270
LANE MILES: 346.35

E. | ELLIS COUNTY

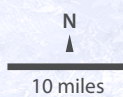
VEHICLE REGISTRATION: 165,360
*POPULATION ESTIMATE: 152,580
LANE MILES: 1,516.77

F. | KAUFMAN COUNTY

VEHICLE REGISTRATION: 103,929
*POPULATION ESTIMATE: 104,600
LANE MILES: 1,191.95

G. | NAVARRO COUNTY

VEHICLE REGISTRATION: 50,268
*POPULATION ESTIMATE: 48,250
LANE MILES: 1,190.98



TxDOT PREPARED FOR WINTER WEATHER



DALLAS — TxDOT has spent the past few months gearing up for the upcoming winter weather season, updating response plans and restocking inventory.

In addition, TxDOT has contracted with a joint venture between Amey Consultants and Webber Construction to increase its

maintenance resources in Dallas County, including during winter weather events. The performance-based contract means Amey-Webber is responsible for treating interstates in Dallas County, including I-30, I-20, I-635, I-45 and I-35, along with the Dallas County portion of US 75.

TxDOT will now be able to refocus its resources elsewhere in the district. This season, TxDOT will again have more than

185 pieces of equipment and nearly 350 employees readily available to immediately start working around the clock as soon as winter weather threatens North Texas.

What's more, the Dallas District has 14 snow plow blade attachments and three new brine makers at its disposal. Brine is a liquid, salt-based anti-icer used to pre-treat roads just before temperatures drop below freezing. ★

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

WHAT MATERIALS ARE USE 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

HOW DO THE CHEMICALS WORK?

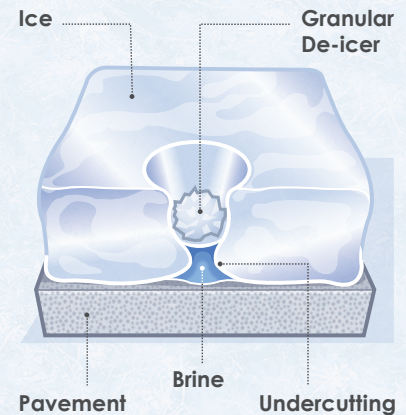
Granular De-Icer

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.



SOURCE: www.usroads.com

TxDOT graphic



From Ms. M. Shannon of Royse City, Texas:

"I drive from Royse City to Rockwall on I-30 every morning. I wanted to say thank you for working so diligently on the construction in this area. Despite the construction there are very few backups. Thanks for keeping backups to a minimum and for blocking lanes when it is unsafe to use them. I don't like being delayed but realize it could be much worse."

SOURCE: Texas Department of Transportation

TxDOT graphic

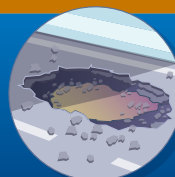
DALLAS DISTRICT | PROGRESS



TEXAS DEPARTMENT OF
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FOR MORE INFORMATION:

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www.txdot.gov



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>