

On the Move

A Monthly Report on NTTA Topics and Projects

Contact us:

Carrie Rogers
Director of Government Affairs
214.224.2269

Ruthie Vargas
Administrative Assistant
469.608.6827

North Texas Tollway Authority
5900 W. Plano Parkway | Plano, TX 75093

NTTA's New and Improved Safety Operations Center Is Working for You

You've told us that safety is a top priority so you can drive a little easier knowing NTTA roadways are monitored 24 hours a day, seven days a week from inside the new state-of-the-art Safety Operations Center (formerly the Command Center).

The new 6,400-square-foot SOC is housed in an area once used to sort coins collected for tolls. Within the space, the SOC features 21 video screens, capable of allowing SOC dispatchers to monitor nearly 2,000 cameras across the NTTA system at any given time. The cameras are part of NTTA's intelligent transportation system, which also includes pavement sensors and overhead electronic signs to deliver safety alerts and messages.

From inside the SOC, dispatchers continuously assess roadway conditions, which include looking for stopped vehicles and roadway debris. If a stranded vehicle, accident or any other hazard is detected, SOC specialists

dispatch the nearest available Roadside Safety Services (formerly Roadway Customer Service) team member to provide assistance free of charge. The SOC staff is also responsible for dispatching first responders and getting you to your destination quickly and safely.

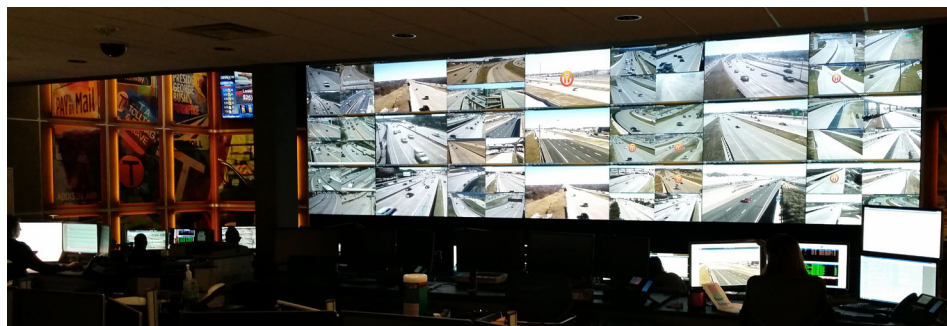
The SOC staff also handles 911 calls made on NTTA roads to ensure an accurate and timely response to all emergency situations.

The former Command Center space has been converted into a new emergency operations center to be

used during inclement weather events (such as snow/ice) or other emergency situations.

The improvements are all part of NTTA's mission to provide a safe and reliable travel experience. If you find yourself in need of help on an NTTA road, call the Safety Operations Center at 214-224-2203 and help will be immediately dispatched.

Note: The SOC phone system is not intended to replace 911 as an emergency number. 911 should always be the first option in emergency situations.



NTTA Talks Shop with DFW Legislators



In January, NTTA and its member County Judges briefed Dallas-Fort Worth area legislators about NTTA's value to the North Texas region and responded to questions and comments received from legislators during the 2015 session. Members and staff from nearly 30 legislative offices were in attendance. You can view the briefing by going to the Government Affairs page at www.NTTA.org.

The North Texas Tollway Authority is lowering speed limits on the Dallas North Tollway between Beltline and Frankford Roads for safety as a new phase of

construction gets underway on the DNT. Roadway signs will be changed to reflect the new, lowered speed limit of 55 mph in this area. The lowered speed limit will be enforced throughout construction.

"NTTA is lowering speed limits so workers and drivers can operate safely in the construction zone," said NTTA Assistant Executive Director of Infrastructure Elizabeth Mow. "Once completed, these projects will provide a significant benefit to



Dallas North Tollway Speed Limit to be Lowered for Construction

the traveling public. We appreciate our customers' increased attention within work zones."

A reminder that lowered speed limits (60 mph) remain in effect on the DNT between the President George Bush Turnpike and Sam Rayburn Tollway and on PGBT between the DNT and State Highway 75 as improvements continue in those areas.

The latest information about the PGBT and DNT projects is available at ProgressNTTA.org, via email at ProgressNTTA@ntta.org or by calling (972) 628-3134.





Customer impressed by CSC staffer's pleasant and friendly SERVICE: "She had an awesome personality. She joked and made the task pleasant. She went beyond just updating our current address but updating our whole profile. It was pleasant to talk to a real person and not an automated voice machine!"

Customer Service • 972-818-NTTA (6882) • 817-731-NTTA (6882)

NTTA Salutes Council of Governments Celebrating 50 Years



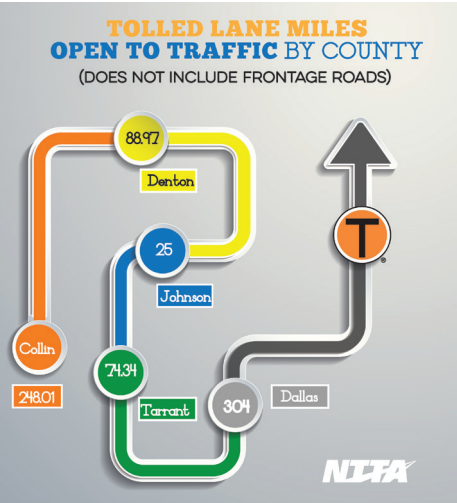
Throughout 2016, the North Central Texas Council of Governments (NCTCOG) will be celebrating its 50th anniversary. The North Texas Tollway Authority is proud to be a partner of this important regional team and salutes the NCTCOG on this important anniversary.

**FOCUS ON
TARRANT
COUNTY**

**772,754
TollTags**

**1,679,281
ZipCash Customers**

**74.34
NTTA Lane Miles**



7.4 Million Drivers Choosing with Their Steering Wheels NTTA as a local tool to fill the transportation funding gap

Every year, more than 7.4 million drivers are making the choice with their steering wheel to drive NTTA toll roads. NTTA toll roads free up lane miles on tax-funded roads and provide important mobility options for North Texas motorists.

Many of the roads that NTTA has built were at some point on the region's mobility plan as a tax road. Toll revenues have allowed the region and NTTA to bring those projects forward years in advance of when they would have been built had they waited on tax funding. Said another way, to have built the 1,000 lane miles that NTTA

has constructed and operated would have cost the State an additional 6 cents per gallon in gas tax dollars over the past 10 years.

Without NTTA toll lanes, "diverting traffic volume off the toll roads resulted in moving 3.4 million vehicle miles onto existing [tax] facilities, or 2.5 percent of the daily VMT. This resulted in 10.5 million additional person hours of delay per year, a 5.3 percent increase. The additional annual delay cost was approximately \$231 million." (TTI Study, 2014)

As a reminder, NTTA was created as a local tool in 1997 to keep toll

dollars here in North Texas and to fill the funding gap. NTTA only builds what the region asks us to build.

NTTA is funded through tolls and does not receive any state appropriations. Every toll collected is re-invested right here in the region and NTTA has advanced more than \$7 billion worth of tolled and non-tolled projects to the North Texas region since 2007.



Project Updates in Pictures

CREWS "BEAMING" AS WORK PROGRESSES ON DNT



Beam setting on Thoroughfare B, the U-Turn Lane South of the Spring Creek Parkway.

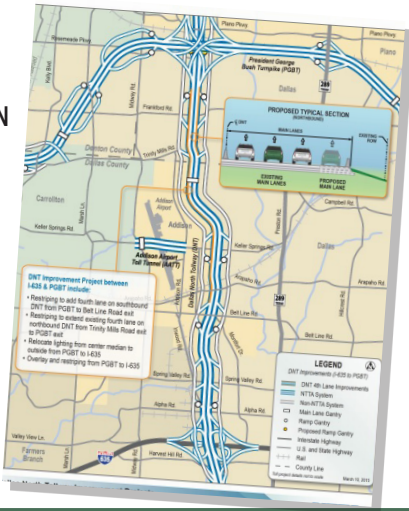
CONSTRUCTION ON THE PGBT FOURTH LANE MOVES EASTWARD TOWARD US 75



Newly constructed concrete traffic barrier for PGBT fourth lane.

CONSTRUCTION ON SOUTH SECTION OF DALLAS NORTH TOLLWAY IMPROVEMENTS COMING SOON

Learn more about improvement and widening projects on the PGBT, DNT and SRT at ProgressNTTA.org.



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.

MAJOR I-35E IMPROVEMENTS COMING TO ELLIS COUNTY



ELLIS COUNTY — A large-scale, \$36 million project will soon begin along an 18-mile stretch of Interstate 35 here to improve safety and keep pace with growing traffic demands.

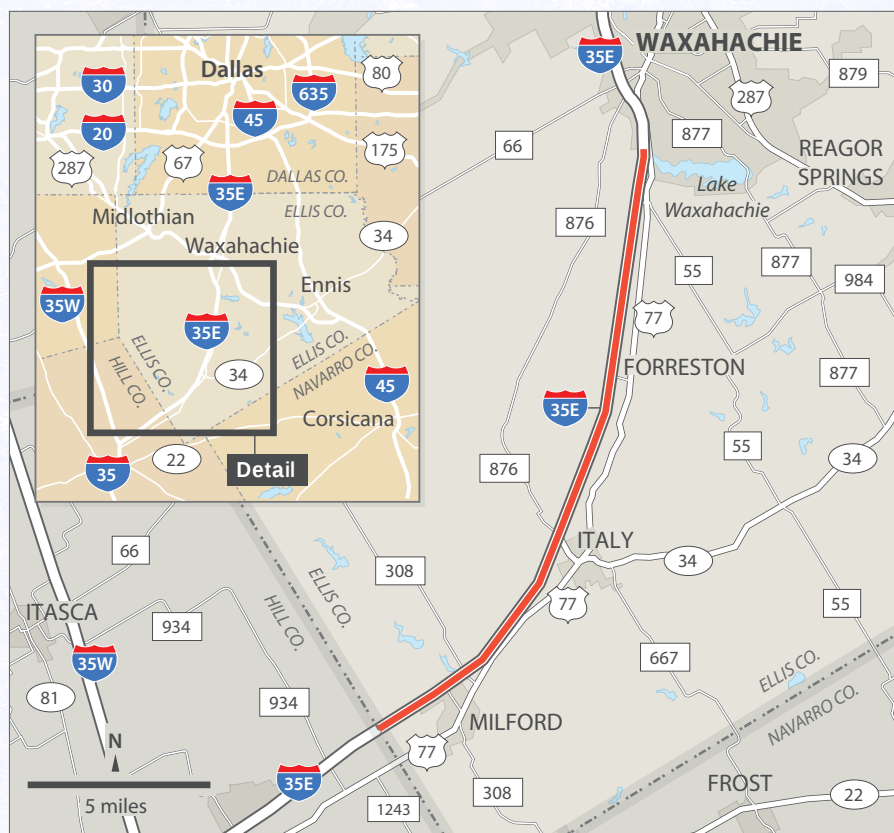
Ellis County and its neighbor to the south, Navarro County, are two of the most rural counties in the Dallas District. The needs of these two counties are far different from those of the more urban metropolis of Dallas.

With fewer major highways, motorists who live and travel through both counties primarily rely on two interstates, a handful of U.S. and state highways and many more farm-to-market roads for travel and commerce.

While the population in Ellis County is less than some of the others in the Dallas District, the county is growing. Ellis County is expected to double in population by 2040, according to projections from the North Central Texas Council of Governments. That growth, along with increased truck traffic along the I-35 corridor, has created a travel demand that exceeds current capacity.

I-35E through Ellis County is an essential element of the local and regional transportation system, and in recent years, the need for expansion has grown significantly.

This improvement project begins just south of FM 566 at the Hill County Line and will run to US 77 south of Waxahachie.



Project vicinity map showing the project location and length in Ellis County.

TxDOT graphic

The contract — awarded to OHL USA, Inc. — calls for expanding the existing 4-lane highway to six lanes.

“Thousands of vehicles travel the I-35E corridor through Ellis County every day,” said Kelly Selman, TxDOT’s Dallas District Engineer. “This project will increase capacity and safety along that 18-mile stretch of I-35E.”

In addition to widening I-35E from four to six lanes—three in each direction—this

project also includes minor alignments and modifications to several entrance and exit ramps along the interstate. Construction is expected to begin sometime later this month.

OHL USA also was awarded a \$126 million contract for the expansion of a separate section of I-35E, from US 77 north of Waxahachie to US 77 south of Waxahachie. Work on this 10-mile stretch of highway also is likely to begin sometime this month. ■

JANUARY 2016 LET PROJECTS

CSJ NUMBER	HWY	LIMITS	TYPE OF WORK	EST. (M)	BID (M)	(%)	EST. TOTAL COSTS (M) **	CONTRACTOR	
0135-10-055	US 380	Loop 288 to US 377	Full depth concrete repair	\$6.76	\$5.17	-23.54	\$5.91	Silver Creek Construction, Inc.	1
0549-03-025	SH 121	South of SH 160 to north of SH 160	Construction of SH 160 grade separation	\$14.32	\$14.84	3.68	\$22.47	Austin Bridge & Road Services, LP	2
1397-01-031	FM 1836	SH 34 to 0.28 mi. east of CR 146	Reconstruct existing pavement and add shoulders	\$5.03	\$5.94	18.01	\$6.74	A. L. Helmcamp, Inc.	3
JANUARY 2016 TOTAL				\$26.11	\$25.95	-0.60	\$35.12		
DISTRICT FY ACCUMULATIVE LETTINGS				\$584.41	\$550.23	-5.85			
DALLAS DISTRICT LETTING CAP					\$826.54				

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

NOTE: Subject to Change

FEBRUARY 2016 PROJECTED LETTING PROJECTS (SUBJECT TO CHANGE)

CSJ NUMBER	HWY	LIMITS	TYPE OF WORK	EST. (M)	
0009-12-072	I-30	At FM 3549	Reconstruct interchange	\$29.92	1
0197-02-122	US 175	East of Bexar St. to I-45	Extend US 175; Reconstruct interchange w/ SM Wright	\$104.36	2
1068-04-148	I-30	NW 7th Street to Beltline Road	Construct 0 to 2/3 lane eastbound frontage road and ramp modifications	\$7.64	3
TOTAL				\$141.92	

COMPLETED CONSTRUCTION PROJECTS (FROM JANUARY 1 – 31, 2016)

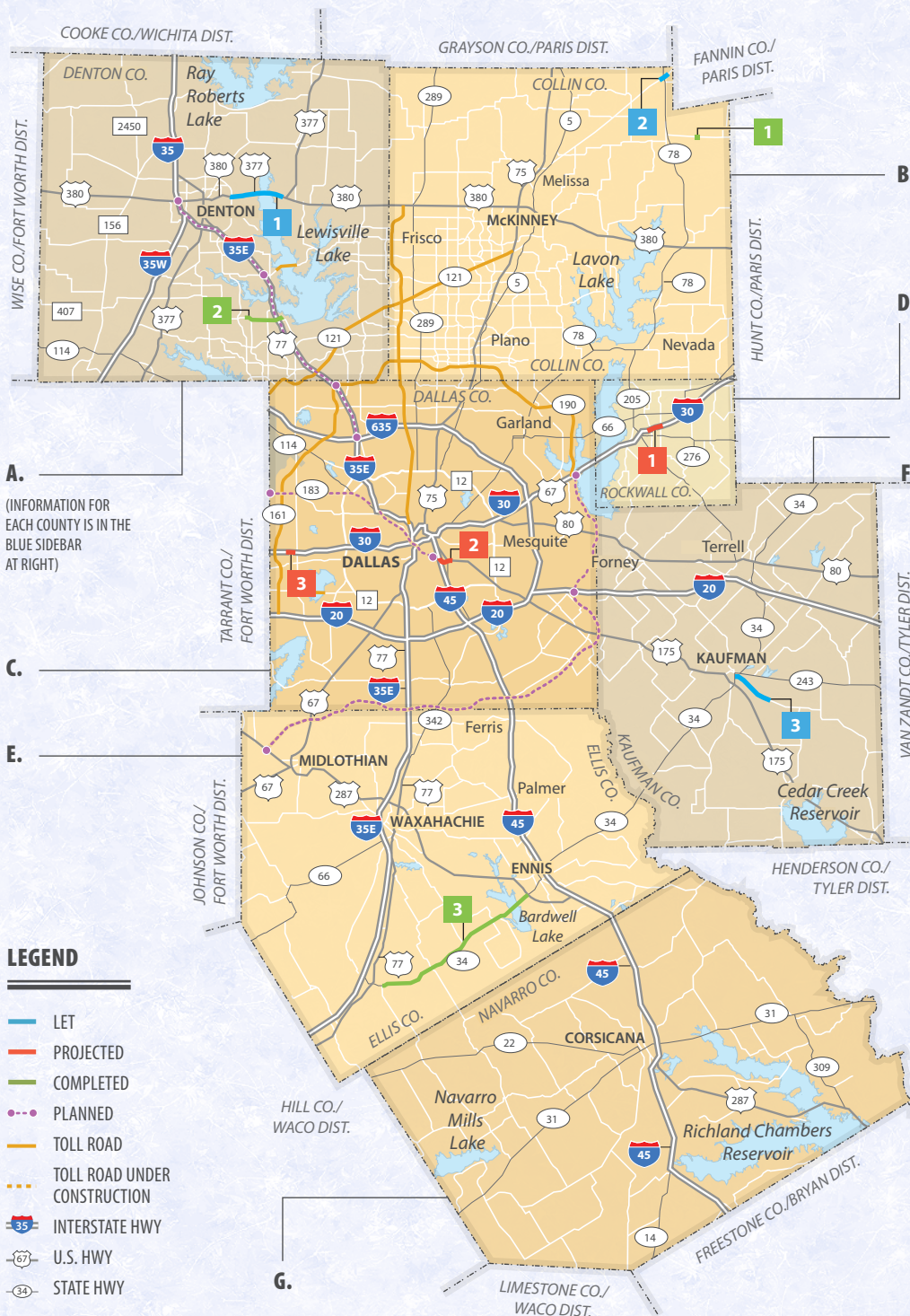
CSJ NUMBER	HWY	LIMITS	TYPE OF WORK	DATE COMPLETED	COST (M)	
1012-03-017	FM 981	At Indian Creek & Relief	Replace Bridge	01/29/16	\$1.8	1
1950-01-036	FM 407	West of Briarhill to I-35E	Full Depth Concrete Pavement Repair	01/15/16	\$1.1	2
0568-01-046	SH 34	FM 667 to US 287	Profile Pavement Markings	01/28/16	\$0.2	3
TOTAL					\$3.1	

SOURCE: Texas Department of Transportation.

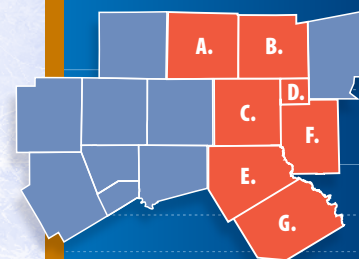
TxDOT graphic

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.



SOURCE: TxDOT research.
*POPULATION ESTIMATE: NCTCOG.



DALLAS DISTRICT TOTALS

VEHICLE REGISTRATION | 3,806,303
*POPULATION ESTIMATE | 4,461,760
LANE MILES | 10,493.628

A. | DENTON COUNTY

VEHICLE REGISTRATION: 603,332
*POPULATION ESTIMATE: 734,940
LANE MILES: 1,488.733

B. | COLLIN COUNTY

VEHICLE REGISTRATION: 729,624
*POPULATION ESTIMATE: 868,790
LANE MILES: 1,373.829

C. | DALLAS COUNTY

VEHICLE REGISTRATION: 2,064,783
*POPULATION ESTIMATE: 2,454,880
LANE MILES: 3,366.158

D. | ROCKWALL COUNTY

VEHICLE REGISTRATION: 82,515
*POPULATION ESTIMATE: 87,290
LANE MILES: 346.368

E. | ELLIS COUNTY

VEHICLE REGISTRATION: 165,813
*POPULATION ESTIMATE: 161,010
LANE MILES: 1,523.910

F. | KAUFMAN COUNTY

VEHICLE REGISTRATION: 109,180
*POPULATION ESTIMATE: 109,300
LANE MILES: 1,201.810

G. | NAVARRO COUNTY

VEHICLE REGISTRATION: 51,056
*POPULATION ESTIMATE: 48,550
LANE MILES: 1,192.820

TxDOT Winter Weather Preparedness Game Plan

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 & 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

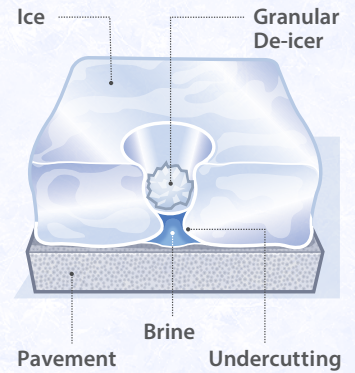
SOURCE: www.usroads.com

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.



SOURCE: TxDOT

TxDOT graphic



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.

TxDOT graphic



Ms. Una B. of Dallas, Texas: "Thank You! Thank You! Thank You! A couple of months ago, I contacted you about a traffic sign that was needed at the exit ramp of I-35/Beckley/Zang exit exiting from the southern Dallas sector. The sign is up. Thank you much for your attention in this matter. I know it will save lives and clear up a lot of confusion."

SOURCE: TxDOT

TxDOT graphic



LUBBUCK DISTRICT SNOW AND ICE RESPONSE

Maintenance crews from the Dallas District spent nearly a week away from home during the holidays, dispatched to the Lubbock District as part of a massive effort to help with snow and ice response:



SOURCE: Texas Department of Transportation

BY THE NUMBERS

Personnel	Man Hours	Equipment
 1,442 <i>The number of TxDOT personnel involved</i>	 35,416 <i>The number of man hours per 24-hour period</i>	 1,045 <i>The number of pieces of equipment used</i>

Types of Equipment: Dump trucks, spreaders, plows, motor graders, loaders, snow blowers, de-icing skids, herbicide trucks and water hauling trucks to distribute brine

SOURCE: TxDOT

TxDOT graphic



TxDOT photos

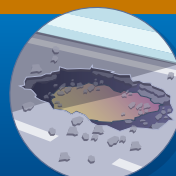
DALLAS DISTRICT | PROGRESS



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 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>

FORT
WORTH
DISTRICT

PARTNERS

#EndTheStreakTX

MAINTAIN
a safe system

As part of the #EndTheStreakTX campaign, TxDOT is reminding drivers to stay alert, obey traffic laws and take personal responsibility behind the wheel.

Over 52,000 people have died on Texas roadways since Nov. 7, 2000

Over 5,500 days with a fatality since Nov. 7, 2000

3,500: average number of fatalities every year

Bass Selected to Lead TxDOT

In December, the Texas Transportation Commission selected James Bass as TxDOT's 21st executive director. Bass, a 30-year member of the TxDOT family, has been serving as the department's chief financial officer since 2005. Bass began his TxDOT career in 1985 working summers in the Fort Worth District and as an engineer aide in the Austin District while earning his bachelor's degree in accounting at the University of Texas at Austin. Under the direction of the Texas Transportation Commission, Bass will be responsible for the strategic direction and overall management of TxDOT's policies and operations. Bass succeeds LtGen Joe Weber.

Whitley Honored as Road Hand

Tarrant County Judge B. Glen Whitley was recognized in December as a TxDOT Road Hand. A founding member and the first chair of the Tarrant Regional Transportation Coalition, Whitley has led the effort to improve transportation in North Texas by building coalitions, focusing on common regional interests and supporting partnerships to deliver much-needed projects such as Chisholm Trail Parkway, the DFW Connector, the North Tarrant Express, SH 360 South, the I-30/SH 360 Interchange and Interstate 35W.

I-35W

TxDOT has received a proposal from NTE Mobility Partners to deliver Segment 3C, the

next phase of I-35W improvements from U.S. 81/287 to Eagle Parkway. The proposed 8-mile project would rebuild I-35W and add two TEXpress lanes each direction with continuous frontage roads. The proposal is currently being evaluated, and the Texas Transportation Commission is expected to make a decision early this year. The proposed project is estimated to reach financial close by fall 2016.



txdot.gov • north tarrant express

#EndTheStreakTX Campaign

Since Nov. 7, 2000, at least one person has died every day on Texas roadways. To raise awareness of this tragic, daily statistic, TxDOT asked people to change their social media profile pictures to a black image and share posts with the hashtag #EndTheStreakTX. The educational campaign had 4.4 million social media impressions in less than two months as drivers were reminded to take personal responsibility behind the wheel.

SH 26 in Colleyville

Construction begins this spring to reconstruct and widen SH 26 from John McCain Road to Brown Trail with raised curb medians and left turn bays. The \$34 million project is estimated for completion in 2018.

February 2016



PARTNERS*in construction*

AWARDED PROJECTS

	Hwy	Limits	Type of Work	Estimate (millions)	Bid (millions)	Over/Underrun (%)
NOV	I-30	At SH 360, Arlington	Construct interchange	\$238.8	\$233.2	-2.3
JAN	Rufe Snow Dr	Mid-Cities Blvd to Ridgetop Rd	Widen from 4 to 6 lanes	\$13.1	\$12.1	-7.2
	Rosedale St	Miller Ave to I-820	Reconstruct roadway	\$19.1	\$24.3	+27.1
	Various roadways	Various locations Johnson & Wise Counties	Pavement overlay & repairs	\$5.8	\$4.9	-15.4
	FM 3136	County Rd 316 to I-35W Johnson County	Add shoulders	\$4.7	\$6.8	+45.8
	Spur 580	I-820 to Wellington Rd	Pavement overlay & repairs	\$3.7	\$3.7	+1.3
	FM 1220	Bailey-Boswell Rd to Boat Club Rd	Add left turn bays & shoulders	\$6.0	\$8.4	+38.3
	SH 360	Midway Rd to Trinity Blvd	Pavement overlay & repairs	\$2.0	\$2.1	+8.5

PROJECTED PROJECTS

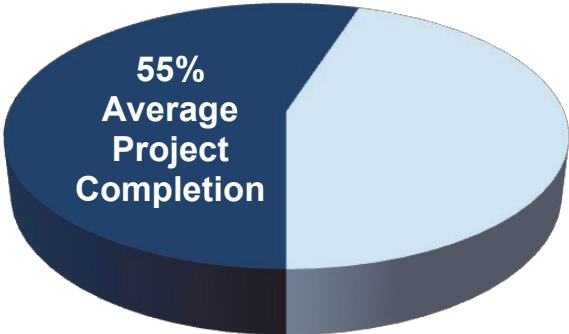
	Hwy	Limits	Type of Work	Estimate (millions)
FEB	SH 26	John McCain Rd to Brown Trail, Colleyville	Reconstruct & widen roadway	\$33.5



\$594 M PROPOSED LETTING



FY 2016 CONSTRUCTION*



TOTAL CONTRACTS \$4.7 B
**includes CDAs, Chisholm Trail and pass-throughs*

A major step toward improving North Texas' mobility, connectivity and safety was taken in November when the Texas Transportation Commission awarded the \$233 million Interstate 30/SH 360 interchange project to Williams Brothers Construction Co., Inc. The project will transform the original 1950s Dallas-Fort Worth Turnpike cloverleaf design into a modern, fully-directional interchange with connection ramps for all movements between I-30 and SH 360.

The project became possible after the Texas Transportation Commission, in partnership with the Regional Transportation Council, approved Proposition 1 funding for the project in 2015. The interchange becomes the largest Proposition 1 funded project in the state.

The I-30 and SH 360 mainlanes will also be rebuilt with additional auxiliary lanes on I-30 and an additional lane in each direction added to SH 360 within the project limits. Construction includes rebuilding the Six Flags Drive bridge over I-30 from two lanes to five lanes, and extending Six Flags Drive north to Avenue H.

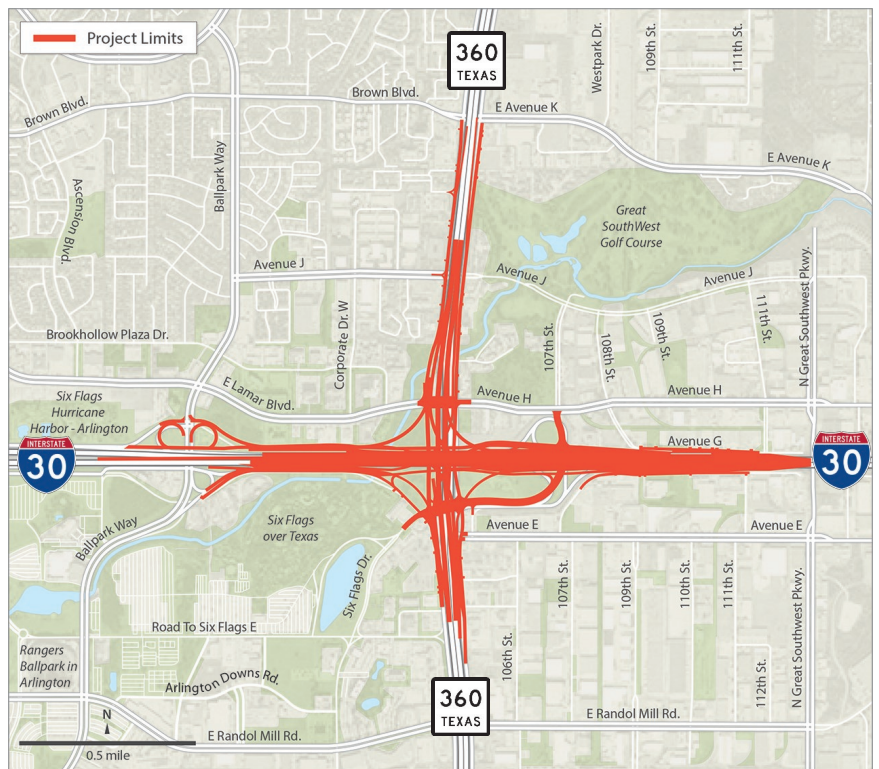
"The new multilevel interchange will modernize one of the pivotal crossroads that link the Metroplex together," said Texas Transportation Commissioner Victor Vandergriff. "It was rated as the worst bottleneck of congestion and connectivity in the Fort Worth District."

Construction will start before spring and is estimated for completion in 2020. During construction, three lanes of traffic will be maintained during peak driving times, and the public will be kept informed of project details through a mobility coordinator, e-alerts and a website:

 Keep30360Moving.org



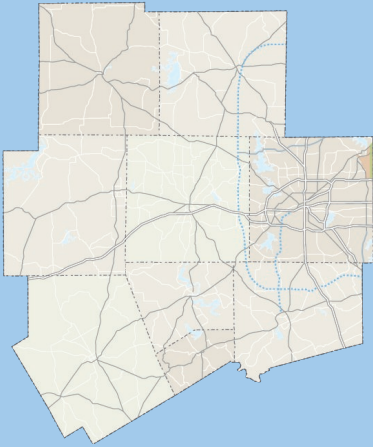
Keep30360Moving



I-30/SH 360 Interchange

PARTNERS

February 2016



Tarrant . Johnson
Parker . Wise . Hood
Erath . Palo Pinto
Jack . Somervell



Fort Worth District Office
2501 SW Loop 820
Fort Worth, TX 76133
817-370-6500

 txdot.gov • Fort Worth



END THE STREAK



Since Nov. 7, 2000,
at least one person has died
on Texas roadways every day.

5,478 days with a fatality —
that's 15 years of
daily deaths.

Nearly
50,000
people have died
on Texas roadways
since 2000.



Approximately 1 person is killed
every 19 hours.

Responsible for 2 out of every 10
auto deaths on Texas roads.

3 of 10
deaths caused by
drunk driving
in 2014.



3,500



average number of fatalities — or 10 jumbo jet crashes — every year.

#EndTheStreakTX



FEDERAL *update*

A new federal surface transportation bill was signed into law in 2015. The “Fixing America’s Surface Transportation (FAST) Act” provided

authorization for highways, transit, rail and safety programs for the next five years.

 transportation.gov • Fast Act