

# 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.

## LBJ EXPRESS PROJECT NEARS COMPLETION



As the state of Texas' largest public-private partnership infrastructure project, the LBJ Express project is rebuilding one of the busiest and most congested highways in North Texas. Located on the north side of Dallas and connecting with I-35E, the Dallas North Tollway and US 75, this vital east-west interstate carries more than 250,000 vehicles per weekday.

The LBJ Express is the first comprehensive development agreement (CDA) project signed in Dallas County. The joint project with LBJ Infrastructure Group (LBJIG) leveraged a \$490 million TxDOT investment into \$3.1 billion to build, operate and maintain the 16.5-mile project.

Construction began in early 2011 and will be completed by the end of this year. The project is being designed and built concurrently, shaving several years from the project schedule. When complete, it will provide improved mobility by almost doubling the existing roadway capacity. LBJ Express features a combination of four main lanes in each direction, two to three lanes of continuous frontage roads in each direction, and three managed toll lanes (known as TExpress Lanes) in each direction that will use fluctuating, congestion managed tolling to keep traffic moving at a goal of 50 mph.

The majority of the managed lanes were constructed sub-grade in a cantilevered, depressed corridor under the mainlanes. The project also includes elevated managed lane connections on I-35E that feed directly into the managed lanes on I-635. The project also includes bypass lanes at most of the major intersections along the corridor; new



**The Interstate 35E-LBJ Freeway interchange**, part of the \$3.1 billion LBJ Express project that is nearing completion.

SOURCE: [www.txdot.gov](http://www.txdot.gov)

TxDOT graphic

ornate bridge structures, retaining walls and unique lighting are also major components of the rebuilt corridor.

To expedite this project, LBJ Infrastructure Group built its own beam and cap production sites along the project to eliminate any delays in delivery of concrete beams and caps from other areas of the state. They also constructed a one-of-a-kind beam setter that could drop and slide beams in the depressed lanes without having to interrupt the surface mainlanes to operate large cranes. The LBJ Express project also worked very closely with the City of Dallas Office of Emergency Management to implement a sophisticated communications system in the depressed lanes that will ensure no disruption of communications during emergencies in the managed lanes below the surface. That system is currently in the final testing stage. These innovative tools of construction were ground-breaking in many cases and

have paved the way for other projects to implement. ■

BY THE NUMBERS	
64	Bridge structures rebuilt
200	Direct subcontractors
5,760	Beams placed
3.5 million	Dollars spent per day at peak construction
9,000+	Safety orientations conducted
564,000+	Linear feet of concrete barriers placed
678,000+	Tons of asphalt laid
6 million+	Cubic yards of dirt moved
17 million	Man hours worked

SOURCE: TxDOT.

TxDOT graphic

## JULY 2015 LET PROJECTS

CSJ NUMBER	HWY	LIMITS	TYPE OF WORK	EST. (M)	BID (M)	(%)	EST. TOTAL COSTS (M)***	CONTRACTOR	
0092-06-101	I-45	South of SH 14 to I-45 Business North in Corsicana	Widen from 4 to 6 lanes and install ITS	\$63.36	\$58.76	-7.26	\$67.06	Sterling Delaware Holding Co, Inc.	1
0093-01-098	I-45	0.4 mile south of FM 246 to 2.1 miles south of Business I-45F	Widen freeway from 4 to 6 lanes and install ITS	\$89.06	\$71.99	-19.16	\$82.15	Webber, LLC	2
0596-02-042	FM 66	On FM 66 at Greathouse Rd. and Grande Casa and on Bus. 287 S	Add left turn lanes	\$2.05	\$2.09	1.94	\$2.35	O. Trevino Construction, LLC	3
0596-02-043	FM 66	FM 308 to FM 916	Widen, safety treat fixed obj. & centerline texture	\$3.48	\$4.26	22.22	\$4.84	Apac-Texas, Inc.	4
1785-01-035	FM 407	FM 1830 to Briarhill Blvd.	Landscape development	\$0.60	\$0.50	-17.28	\$0.60	C. Green Scaping, L.P.	5
0081-04-040*	US 377	Various highways in City of Denton	Landscape development	\$0.30	\$0.32	7.73	\$0.39	Carruth Nursery Irrigation & Landscape, Inc.	
0918-47-101*	CS	Various intersections in City of Dallas	Traffic signals	\$0.57	\$0.80	40.80	\$0.90	FNH Constr, LLC	
<b>JULY 2015 TOTAL</b>				<b>\$159.42</b>	<b>\$138.72</b>	<b>-12.99</b>	<b>\$158.29</b>		
<b>DISTRICT FY ACCUMULATIVE LETTINGS</b>				<b>\$1,282.30</b>	<b>\$1,399.11</b>	<b>9.11</b>			
<b>DALLAS DISTRICT LETTING CAP</b>				<b>\$1,046.87**</b>					

\*Unmapped.

\*\*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.

## AUGUST 2015 PROJECTED LETTING PROJECTS (SUBJECT TO CHANGE)

CSJ NUMBER	HWY	LIMITS	TYPE OF WORK	EST. (M)	
0048-04-079	I-35E	US 77 south of Waxahachie to US 77 north of Waxahachie	Reconstruct and widen from 4 lanes to 6 lanes	\$155.32	1
1451-01-025	FM 55	At Big Onion Creek	Replace bridge and approaches	\$1.49	2
<b>TOTAL</b>				<b>\$156.81</b>	

## COMPLETED CONSTRUCTION PROJECTS (FROM JULY 1 – 31, 2015)

CSJ NUMBER	HWY	LIMITS	TYPE OF WORK	DATE COMPLETED	COST (M)	
0816-04-047	FM 455	CR 98 to FM 3356	Provide Additional Paved Surface Width	7/30/15	\$5.54	1
2678-01-009	FM 428	Denton C/L to FM 455	Base Repair, Shoulder Widening	7/30/15	\$2.52	2
0092-14-083	I-345	Martin Luther King Jr. Blvd. to US 75	Repair Bent Caps & Girders	7/10/15	\$0.67	3
0095-02-109	US 80	0.3 mi. east of E Fork Rd. on eastbound frontage rd.	Repair Slope with Headwall	7/30/15	\$0.26	4
0081-13-051	I-35W	Tarrant County Line to Cooke County Line	Install Guide Signs	7/16/15	\$0.38	5
0697-03-027	FM 429	SH 243 to US 80	Texture Shoulders & Centerline	7/07/15	\$0.21	6
<b>TOTAL</b>					<b>\$9.58</b>	

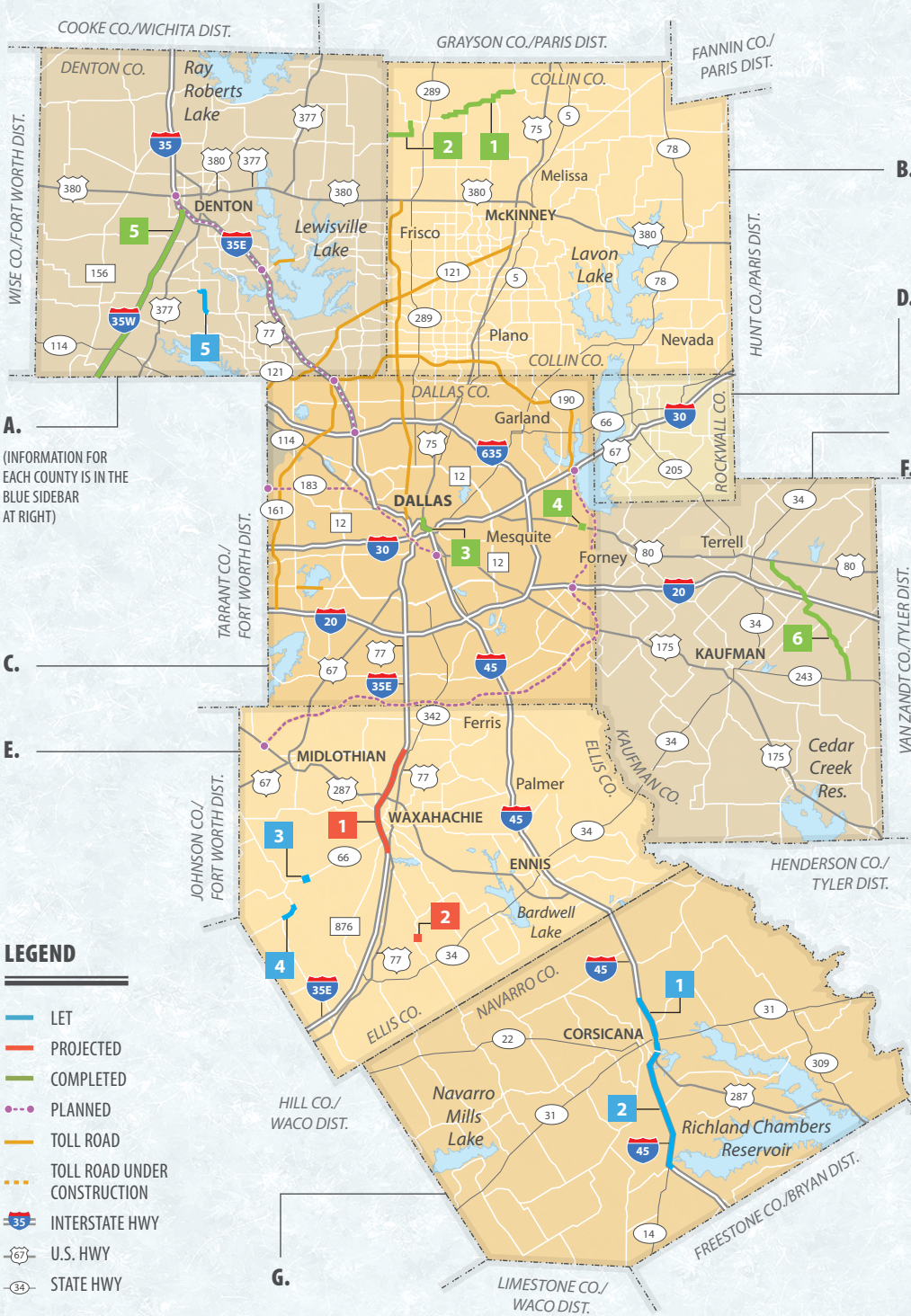
\*Unmapped.

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

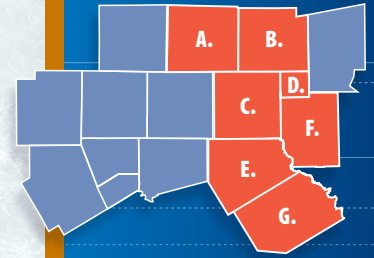


A. (INFORMATION FOR EACH COUNTY IS IN THE BLUE SIDEBAR AT RIGHT)

## LEGEND

- LET
- PROJECTED
- COMPLETED
- - - PLANNED
- TOLL ROAD
- - - TOLL ROAD UNDER CONSTRUCTION
- INTERSTATE HWY
- U.S. HWY
- 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



**From Ron W of Corsicana, Texas:**  
 "I want to tell you that the repaving done between Corsicana and Trinidad was, perhaps, the best road repair I have ever experienced (and I am 64 years old and have seen many

roads). The transitions at bridges are very smooth. I have heard many other people in Corsicana make similar comments about this road. When I compare this resurfacing to that done in Dallas, there is really

no comparison. The transitions in Dallas are rough and looks as though it is a temporary repair rather than a permanent one. GREAT JOB!"



TxDOT graphic

SOURCE: Texas Department of Transportation

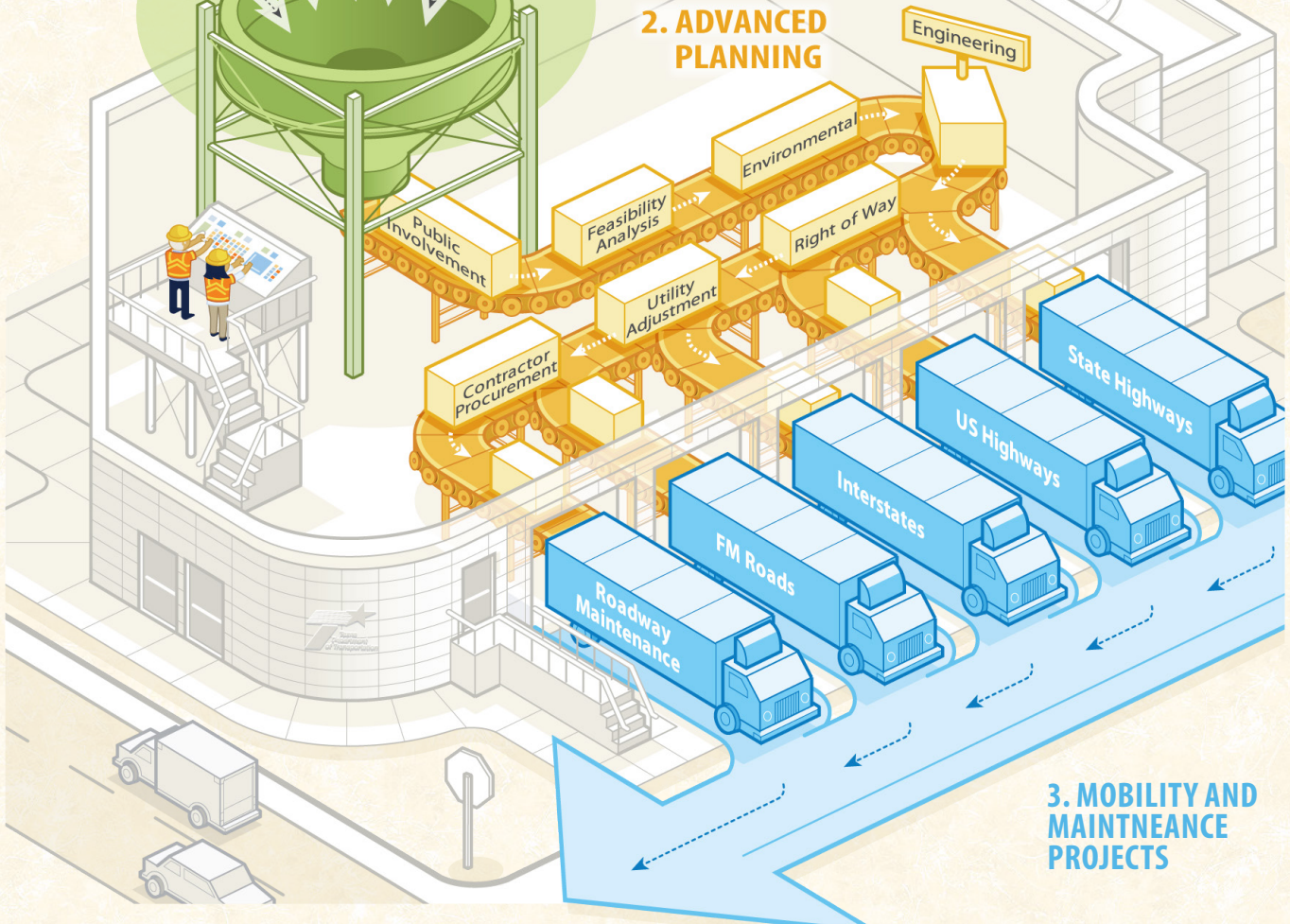
## A VISIONARY LOOK AT THE BUSINESS OF BUILDING ROADWAYS

### 1. FUNDING SOURCES



**A factory-themed metaphorical take on the business of how TxDOT builds roadways:**

### 2. ADVANCED PLANNING



SOURCE: Texas Department of Transportation

DEAN HOLLINGSWORTH/TxDOT Information Specialist

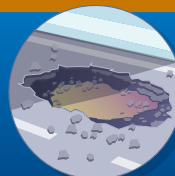
## DALLAS DISTRICT | PROGRESS



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

### FOR MORE INFORMATION:

214-320-4480  
 dalinfo@txdot.gov  
[www.txdot.gov](http://www.txdot.gov)



### REPORT A POTHOLE:

Visit [www.txdot.gov/contact-us/formhtml?form=Report\\_a\\_Pothole](http://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>