

# 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.

## DalTrans Traffic Management Center Gets an Upgrade



**DALLAS** – The DalTrans Traffic Management Center will soon get its first big technology upgrade since opening in 2007. DalTrans, located on the TxDOT Dallas District campus, helps alleviate congestion as an intel-

ligent transportation systems and traffic communications hub. Operators monitor traffic conditions 24 hours a day, 365 days a year. The technology update will replace about 600 outdated analog closed-circuit television (CCTV) cameras with the latest digital cameras. These cameras keep a close eye on TxDOT roadways within the Dallas District, except for a few corridors in less travelled areas. The video images from these cameras are transmitted back to the DalTrans Traffic Management Center via radios and fiber optic cables, which are then processed and can be displayed by operators on the DalTrans video wall.

The installation of the new digital cameras is anticipated to coordinate with a state-of-the-art video wall upgrade project. The project will replace aging analog rear projection screens with 40 seamlessly assembled 55-inch LCD video monitors to allow multiple configurations of high definition video images for sharper displays. In fact, the new video wall will be 1.5 times larger than the existing display area.

This technology update is incredibly important to drivers' safety. Operators monitor roadway conditions, dispatch assistance to stranded motorists via Courtesy Patrol, and share the information with motorists via dynamic message signs. This information can help drivers make an informed decision about what routes to take and what routes to avoid. Once the updates are complete, local news media will continue to have access



**At left:** Exterior view of the DalTrans building which houses the Traffic Management Center.



**Below:** Interior view of the DalTrans Traffic Management Center in its current/outdated configuration. The upcoming technology upgrade will replace obsolete cameras and video equipment with state-of-the-art modern technology, which will allow the center to better monitor traffic congestion and improve management of traffic flow in the Metroplex.

### Digital Cameras



Will replace **600** outdated analog closed-circuit television (CCTV)

### Wall Monitors

**40** new seamlessly assembled 55-inch LCD video monitors



SOURCE: Texas Department of Transportation

TxDOT graphic

to these images for daily traffic reports. Members of the public can also check out cameras across the state at [its.txdot.gov](https://its.txdot.gov). The \$3.364 million digital camera upgrade

will begin in early 2021 and the estimated \$1.5 million video wall installation will go out to bid later this year. Both projects are anticipated to be complete in fall 2021.

## SEPTEMBER 2020 LET PROJECTS (SUBJECT TO CHANGE)

	CSJ NUMBER	HWY	LIMITS	TYPE OF WORK	COST EST. (M)	BID (M)	(%)	EST. TOTAL COST (M)**	CONTRACTOR
1	0009-11-250	IH 30	Haskell Ave. to west of Buckner Blvd.	Planing, concrete full depth repair, ACP overly, & pvmt. markings	\$15.89	\$13.28	-16.42	\$17.81	Austin Bridge & Rd Services, LP
2	0817-01-024	FM 428	US 377 to FM 1385	Rehabilitate existing pvmt./add shldr.	\$10.96	\$8.83	-19.43	\$12.37	Jagoe-Public Co.
3	2351-01-017	FM 2478	US 380 to north of FM 1461	Widen 2-lane rural hwy. to 4-lane div. (6-In Ult.); Realign intersection at FM 1461	\$36.66	\$28.05	-23.48	\$43.00	Austin Bridge & Rd Services, LP
*	0918-00-328	VA	Various locations in the Dallas District	Non-site specific installation of traffic signals	\$2.48	\$2.32	-6.79	\$2.84	Durable Specialties, Inc.
*	0918-00-360	VA	Various locations in the Dallas District	For the construction of rumble strips & pvmt. markings and markers	\$2.88	\$1.65	-42.83	\$3.18	Stripe-A-Zone, Inc.
<b>EST. SEPTEMBER 2020 TOTALS</b>					<b>\$68.87</b>	<b>\$54.12</b>	<b>-21.41</b>	<b>\$79.19</b>	
<b>DISTRICT FY ACCUMULATIVE LETTINGS</b>					<b>\$624.00</b>	<b>\$625.42</b>			
<b>DALLAS DISTRICT FY LETTING VOLUME CAP</b>					<b>\$235.08 M</b>				

\*Unmapped.

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

## OCTOBER 2020 PROJECTED LETTING PROJECTS (SUBJECT TO CHANGE)

	CSJ NUMBER	HWY	LIMITS	TYPE OF WORK	EST. COST (M)
1	0121-05-051	SH 22	NW CR 2060/1190 to east of N. 38th St. in Corsicana	Overlay, shoulder texture, safety end treatments	\$4.67
2	0195-03-095	IH 35; BS 121H; FM 2181	On IH 35 from US 380 to IH 35W; On BS 121H from SH 121S to SH 121; On FM 2181 from IH 35E to Lillian Miller Pkwy.	Full depth concrete repair and pavement markings on the frontage roads	\$1.57
3	0197-02-124	US 175	East of E. Malloy Bridge Rd. to W of FM 1389	Ramp mods, mill and inlay existing frontage roads	\$3.76
4	0197-03-054	US 175	FM 148 to CR 4106 in Crandall	Construct new 2-lane frontage roads (FRs); convert existing FR from 2-lane 2-way to 2-lane 1-way FR & ramp mods	\$8.80
5	0549-03-024	SH 121	Collin County Outer Loop to CR 635 (Fannin County Line)	Reconstr./Widen from 2-ln to 4-ln rural divided; construct 0 to 4-ln discontinuous frontage road/FM 455 interchange	\$118.68
6	1048-03-011	FM 780	FM 660 to end of maintenance	Reconstr. existing pavement and add shoulders	\$10.69
*	0048-04-101	Various	Various Locations in the Dallas District	Seal coat, pavement markings and markers	\$13.25
*	0918-00-353	Various	Digital video project	Purchase new digital video software/hardware for DalTrans Traffic Management Center	\$1.34
<b>ESTIMATED TOTAL</b>					<b>\$162.76 M</b>

\*Unmapped.

## COMPLETED CONSTRUCTION PROJECTS (FROM SEPTEMBER 1-30, 2020)

	CSJ NUMBER	HWY	LIMITS	TYPE OF WORK	EST. COST (M)	COMPLETED DATE
1	0092-02-129	IH 45	Ellis C/L to SH 310	Install guide signs	\$1.01	9/10/2020
2	0196-03-278	IH 35E	N of Oak Lawn Ave. to N of Harry Hines Blvd. ramps	Mill, full depth concrete pavement repair, overlay on nb frontage road	\$4.27	9/15/2020
3	0918-47-128	CS	Royal Lane at Abrams Road	Improve traffic signals	\$1.34	9/22/2020
4	2208-02-022	SS 303	Mountain Creek Parkway to Spur 408	Full depth repair concrete pavement, overlay and pavement markings	\$2.76	9/15/2020
*	0918-47-115	VA	Various Locations on State Highways in Dallas County	Construct curb ramps and sidewalks	\$2.24	9/15/2020
<b>ESTIMATED TOTAL</b>					<b>\$11.62 M</b>	

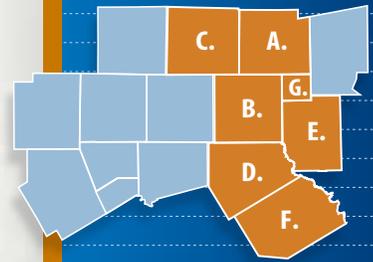
\*Unmapped.

SOURCE: Texas Department of Transportation.

TxDOT graphics

# DALLAS DISTRICT PROJECTS MAP

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



## 2020 DALLAS DISTRICT ESTIMATE TOTALS

VEHICLE REGISTRATION | 4,085,742  
 \*POPULATION ESTIMATE | 5,019,590  
 LANE MILES | 10,793.058

**A. | COLLIN COUNTY**  
 VEHICLE REGISTRATION: 799,926  
 \*POPULATION ESTIMATE: 1,043,140  
 LANE MILES: 1,462.514

**B. | DALLAS COUNTY**  
 VEHICLE REGISTRATION: 2,155,995  
 \*POPULATION ESTIMATE: 2,591,820  
 LANE MILES: 3,377.212

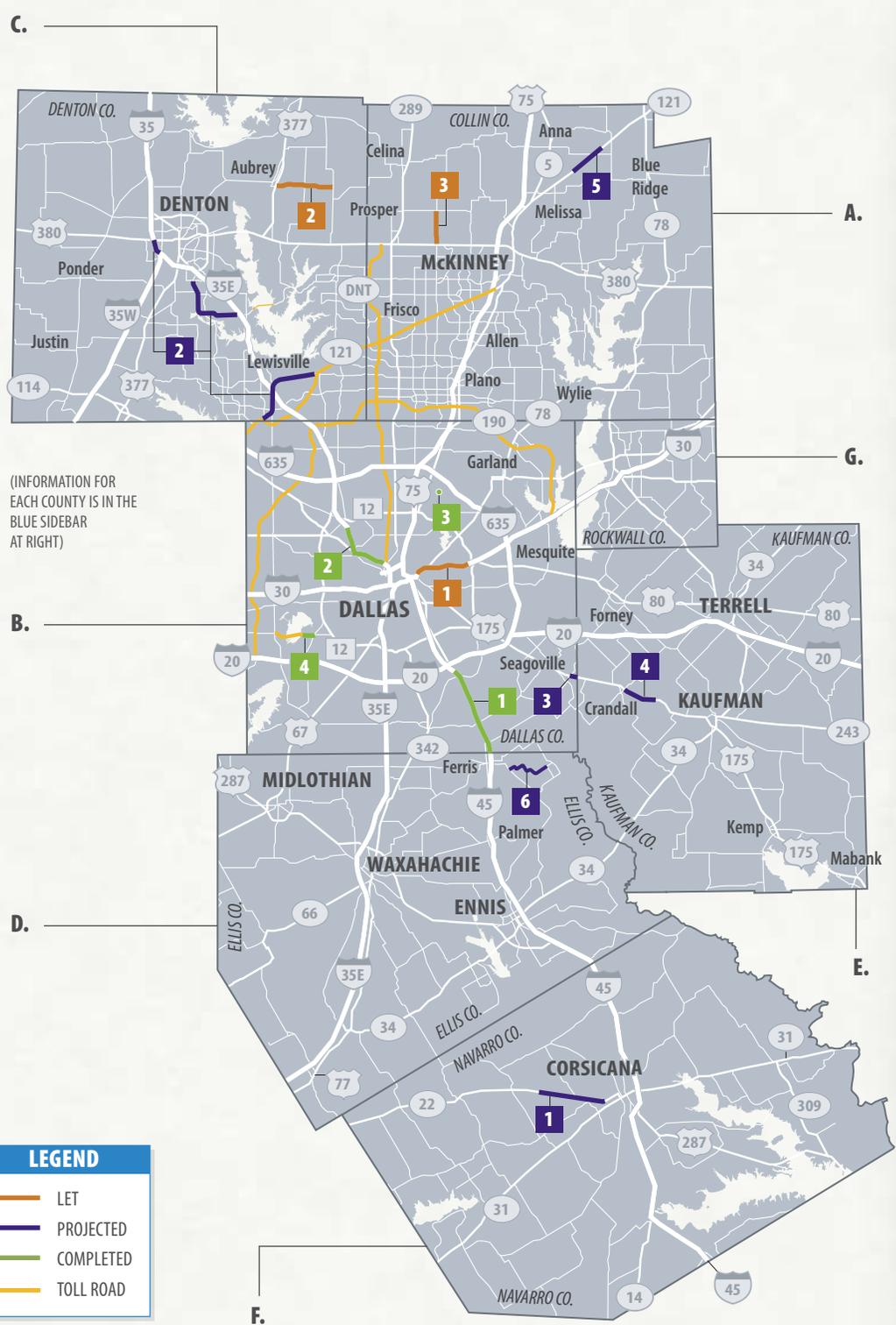
**C. | DENTON COUNTY**  
 VEHICLE REGISTRATION: 680,143  
 \*POPULATION ESTIMATE: 901,120  
 LANE MILES: 1,633.926

**D. | ELLIS COUNTY**  
 VEHICLE REGISTRATION: 181,071  
 \*POPULATION ESTIMATE: 197,780  
 LANE MILES: 1,526.862

**E. | KAUFMAN COUNTY**  
 VEHICLE REGISTRATION: 124,760  
 \*POPULATION ESTIMATE: 128,520  
 LANE MILES: 1,215.130

**F. | NAVARRO COUNTY**  
 VEHICLE REGISTRATION: 52,355  
 \*POPULATION ESTIMATE: 50,870  
 LANE MILES: 1,191.856

**G. | ROCKWALL COUNTY**  
 VEHICLE REGISTRATION: 91,492  
 \*POPULATION ESTIMATE: 106,340  
 LANE MILES: 346.193

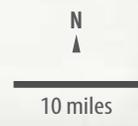


(INFORMATION FOR EACH COUNTY IS IN THE BLUE SIDEBAR AT RIGHT)

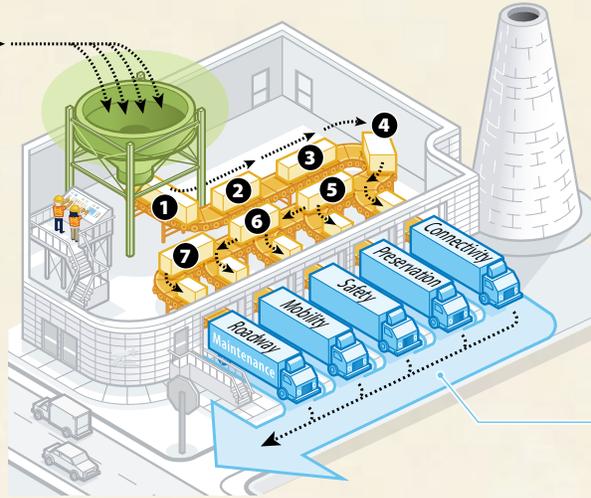
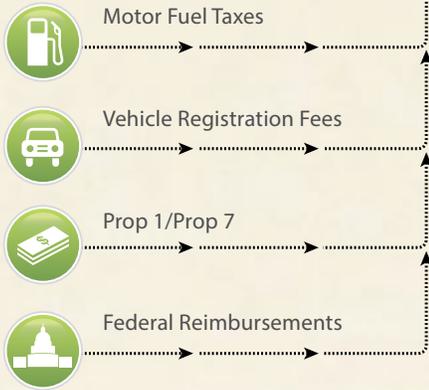
**LEGEND**

- LET
- PROJECTED
- COMPLETED
- TOLL ROAD

SOURCE: TxDOT research.  
 \*POPULATION ESTIMATE: NCTCOG.



## 1. FUNDING SOURCES



## 2. ADVANCED PLANNING

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

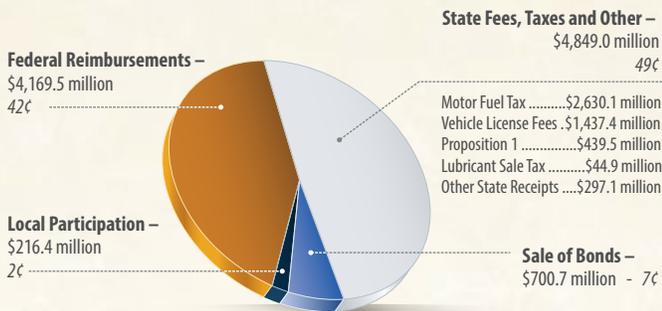
## 3. MOBILITY AND MAINTENANCE PROJECTS

TxDOT graphic by DEAN HOLLINGSWORTH/Information Specialist

TxDOT graphics

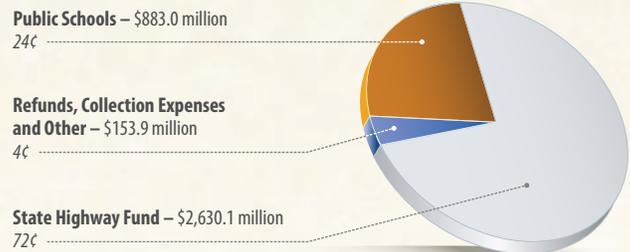
## DISTRIBUTION OF TOTAL STATE HIGHWAY FUND\* RECEIPTS

**TOTAL RECEIPTS:** \$9.936 billion

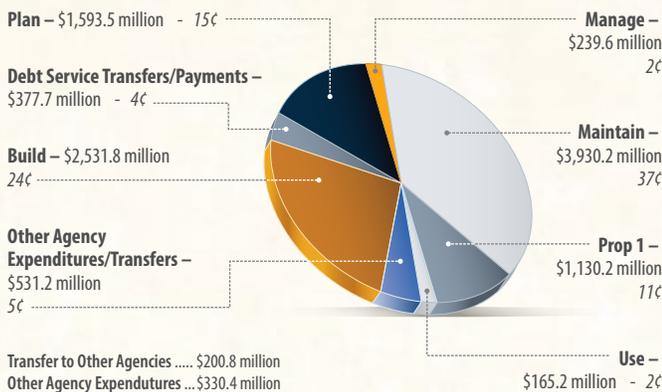


## DISTRIBUTION OF TEXAS MOTOR FUEL TAXES

**GROSS TAX COLLECTED BY STATE COMPTROLLER:** \$3.667 billion

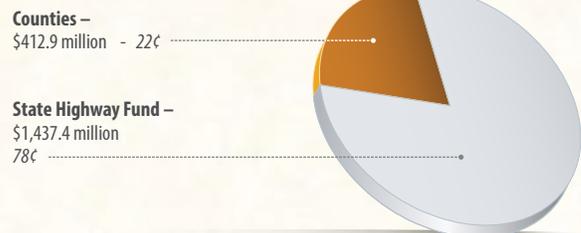


## TOTAL DISBURSEMENTS\*: \$10.499 billion



## DISTRIBUTION OF TEXAS MOTOR VEHICLE REGISTRATION FEES

**GROSS COLLECTIONS:** \$1.850 billion



\*Includes all expenditures to appropriated State Highway Fund.

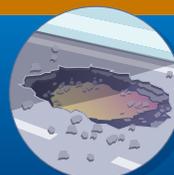
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## DALLAS DISTRICT | PROGRESS



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>