

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.

TxDOT Maintenance Crews Answer The Call During Record Rainfall



DALLAS — TxDOT crews in the Dallas District made a heroic effort last week to achieve what at first seemed nearly impossible: Pumping tens of millions of gallons of water back inside the levees of the Trinity River and off of State Loop (SL) 12 in time for Monday morning rush hour.

Hundreds of vehicles became trapped when high water submerged the lowest parts of SL 12 on Friday. Cranes were brought in to move concrete barriers so stranded vehicles could turn around.

RELIEF FROM THE STORM WATERS



TxDOT crews pumping tens of millions of gallons of water back inside the levees of the Trinity River and off of State Loop 12.

TxDOT photo archive

Elsewhere, uncontrolled spillover from Lewisville Lake, Grapevine Lake and Lake Ray Roberts submerged some streets along the Elm Fork of the Trinity River. Lakes, creeks and rivers spilled over onto streets and highways in nearly every city and county in the Metroplex.

Initially it was believed SL 12 near Interstate 30 would be closed for up to seven days. TxDOT maintenance crews joined forces with the City of Dallas and the Trinity River Authority to begin the massive undertaking of freeing the highway from Mother Nature's clutches.

More than 20 large pumps were brought in to help get water off of the road and back over the levee. Crews worked around the clock, and by 4:30 a.m. Monday, SL 12 was again reopened to traffic.

"It was an extraordinary event and our guys, along with our partners, worked nonstop to get that road open," said John Hudspeth, TxDOT's director of operations for the Dallas District. "What they were able to accomplish was absolutely unprecedented."

Hudspeth credited TxDOT maintenance crews and Dallas Area Engineer Noel Paramanatham for the rapid and organized response to reopen SL 12.

"The tireless effort of our people in the field, and Noel's leadership, proved to be vital in getting the road reopened in half the time originally estimated," Hudspeth said.

Earlier in the week, TxDOT and Ellis County officials were monitoring rising water at Padera Lake. Several pumps were used to discharge millions of gallons to prevent the lake from



Rising water in the Trinity River creeps close to the bottom of the Margaret Hunt Hill Bridge.

TxDOT photo archive

breaching its levee system.

Several other major roads had to be closed because of the rising flood waters, including Northwest Highway.

Statewide, the consistent rain has had a significant impact. So far this has been the second wettest spring on record for the DFW Metroplex, with 25.5 inches of rainfall between March and May.

Veronica Beyer, spokeswoman for the Texas Department of Transportation, told The Associated Press that preliminary assessments show there's about \$27 million in damage to the state transportation system.

"But clearly we expect that number to go up as the water goes down," she said.

About 155 state roads across Texas remained closed on Monday because of damage or because they remain under water. Since May 4, when steady rains began to hammer the state, about two-thirds of Texas counties have sustained damage to roads and bridges, she said. ■

MAY 2015 LET PROJECTS

CSJ NUMBER	HWY	LIMITS	TYPE OF WORK	EST. (M)	BID (M)	(%)	EST. TOTAL COSTS (M) ***	CONTRACTOR	
0047-06-133	US 75	PGBT to Park Blvd.	Interchange improvements	\$38.69	\$39.45	1.97	\$46.18	OHL USA, Inc.	1
0081-06-037	US 377	US 377 to US 380/S. Brigefarmer	Traffic signal improvements	\$0.97	\$0.95	-1.45	\$1.19	Durable Specialties, Inc.	2
0092-02-123	SH 310	At Trinity River	Paint bridge/concrete repair	\$3.90	\$2.15	-44.96	\$2.47	Cekra, Inc.	3
0092-03-048	I-45	S of SL 561 to Dallas CL	Install guide signs	\$0.86	\$0.81	-5.96	\$0.95	Star Operations, Inc.	4
0122-01-039	US 287	FM 637, E of FM 739 to CR 2040	Widen roadway/add markings	\$2.99	\$3.95	32.06	\$4.52	Ed Bell Constr. Co.	5
0353-05-082	SL 12	W of Harry Hines/W of Midway	Intersec. imprvs./utility adjs.	\$7.82	\$6.74	-13.87	\$12.66	Ragle Constr., Inc.	6
0549-03-027	SH 121	SH 5 to 1.65 mi. W of FM 455	Widen 2-ln rural to 4-ln div.	\$40.64	\$43.89	7.99	\$50.74	Lone Star Civ. Constr.	7
1451-01-020	FM 55	At Little Onion Creek	Replace bridges/approaches	\$1.96	\$2.01	2.38	\$3.29	IEA Inc.	8
2681-01-022	FM 2499	FM 2499 from FM 2181 to Hickory Creek to FM 1171	Landscape development	\$0.50	\$0.45	-11.07	\$0.53	Apex Landscape & Irrigation, Inc.	
MAY 2015 TOTAL				\$98.33	\$100.4	2.09	\$122.53		
DISTRICT FY ACCUMULATIVE LETTINGS				\$1,003.43	\$1,139.00	13.51			
DALLAS DISTRICT LETTING CAP				\$1,046.87**					

*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.

JUNE 2015 PROJECTED LETTING PROJECTS (SUBJECT TO CHANGE)

CSJ NUMBER	HWY	LIMITS	TYPE OF WORK	EST. (M)	
0135-12-029	FM 3537	SH 289 (Preston Road) to SH 2478 (Custer Road)	Landscape development/tree & irrigation system	\$0.73	1
0173-04-047	SH 34	SH 34 from I-20 to US 80 & SS 87 from US 80 to Terrell State	Rehabilitation of existing roadway	\$1.37	2
0196-03-256	I-35E	Spur 348 to Valley View	Mill & inlay mainlanes and shoulders, pavement markings and concrete full depth repair	\$6.91	3
0549-03-025	SH 121	South of SH 160 to north of SH 160	Construction of SH 160 grade separation	\$14.43	4
0596-02-039	FM 66	FM 66 at W Fort Greathouse Branch/E Fork Greathouse Branch	Replace bridges and approaches	\$3.70	5
0619-01-023	FM 6	FM 6 at Sabine Creek to FM 1777 at Sabine Creek	Replace bridge and approaches	\$3.27	6
0918-45-791	CS	Red Oak Rd. at Ten Mile Creek in the City of Lancaster	Rehab bridge and approaches	\$1.00	7
1159-01-022	FM 875	At Waxahachie Creek and at Lone Elm Branch and tributary	Replace bridge and approaches	\$3.55	8
1159-02-032	FM 879	2.1 miles west of Ike Rd. to 0.3 mi. west of FM 1722	Provide additional paved surface width	\$8.11	9
2374-03-077	I-20	West of US 175 to west of Haymarket Road	Construct frontage roads and ramps	\$6.13	10
1015-01-025*	FM 549	Various highways in Rockwall County	Rehab and intersection improvements	\$8.16	
TOTAL				\$57.36	

*Unmapped.

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

CSJ NUMBER	HWY	LIMITS	TYPE OF WORK	DATE COMPLETED	COST (M)	
0047-14-077	US 75	At Wilmeth Rd. in McKinney	Landscape development	5/18/2015	\$0.25	1
1016-02-017	FM 1138	Rockwall C/L to FM 6 in Nevada	Provide additional paved surface width	5/28/2015	\$3.34	2
0196-03-267	I-35E	Empire Central to SL 12	Installation of fiber optic cable	5/15/2015	\$0.36	3
0095-04-064	US 80	At Forney Parkway	Construct new location interchange	5/15/2015	\$17.05	4
0261-03-065*	US 67	Various Locations	Install bridge protection in Dallas Co.	5/15/2015	\$0.42	
1091-04-019*	FM 740	Various locations in City of Heath	Install sidewalk & crosswalks	5/15/2015	\$1.05	
TOTAL					\$22.47	

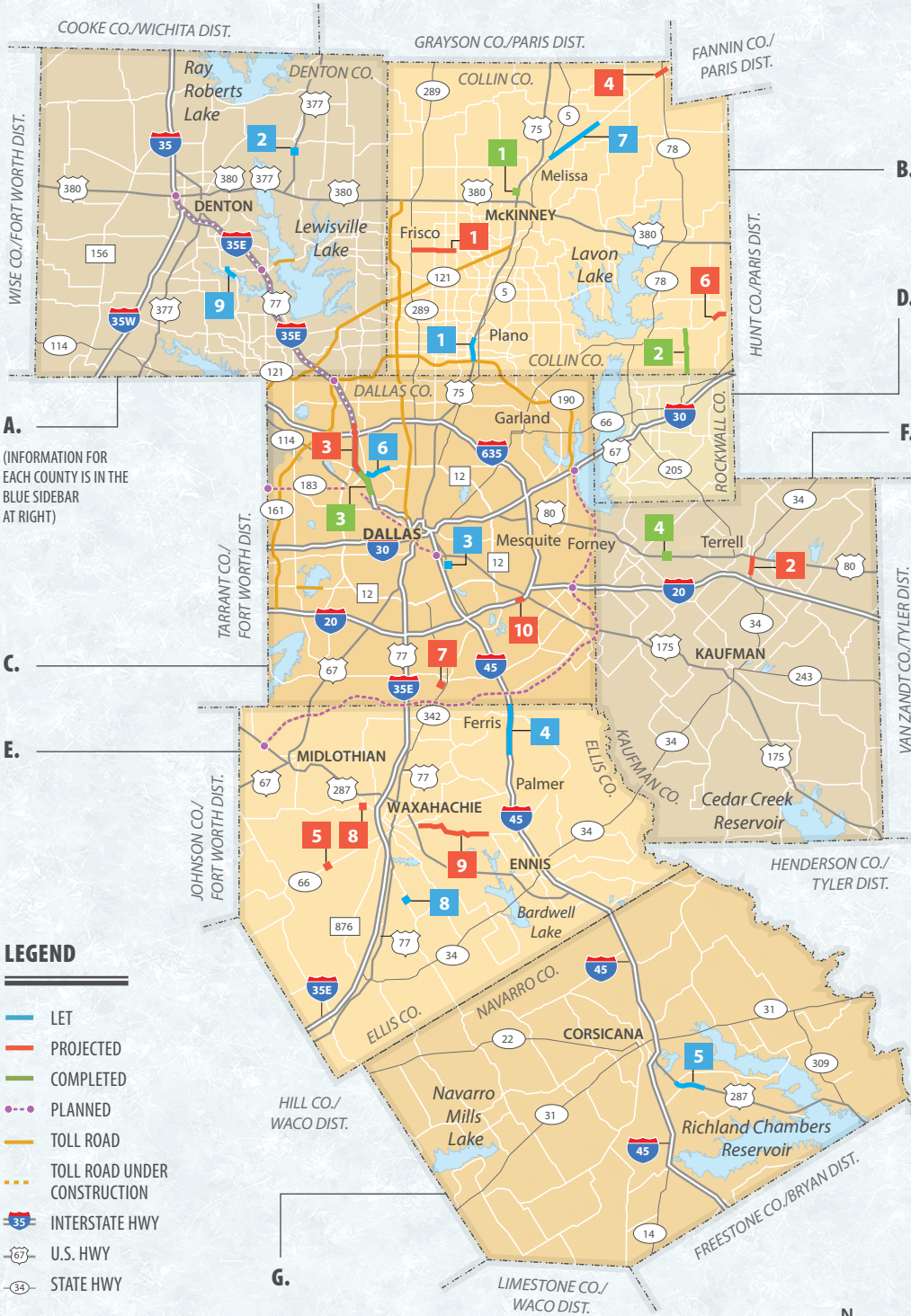
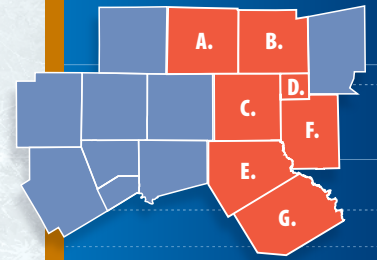
*Unmapped.

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 May, are projected to let in June 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
- 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

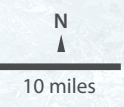
C. | DALLAS COUNTY
VEHICLE REGISTRATION: 1,952,662
*POPULATION ESTIMATE: 2,385,990
LANE MILES: 3,440.13

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 Ms. D. Lydia of Rockwall County in Texas: "Thank you for milling off the 'rubble' pavement on the two bridges (both east bound and west bound) on I-30 in Rockwall County. The westbound

lanes are much better now that they have been resurfaced. The eastbound side is not bad now - but I know they will be much better when resurfaced. Thanks again!"

From J. Burns of Dallas, Texas: "I saw them (TxDOT repair crews) there this afternoon.....thank you for the quick response."



TxDOT graphic

SOURCE: Texas Department of Transportation

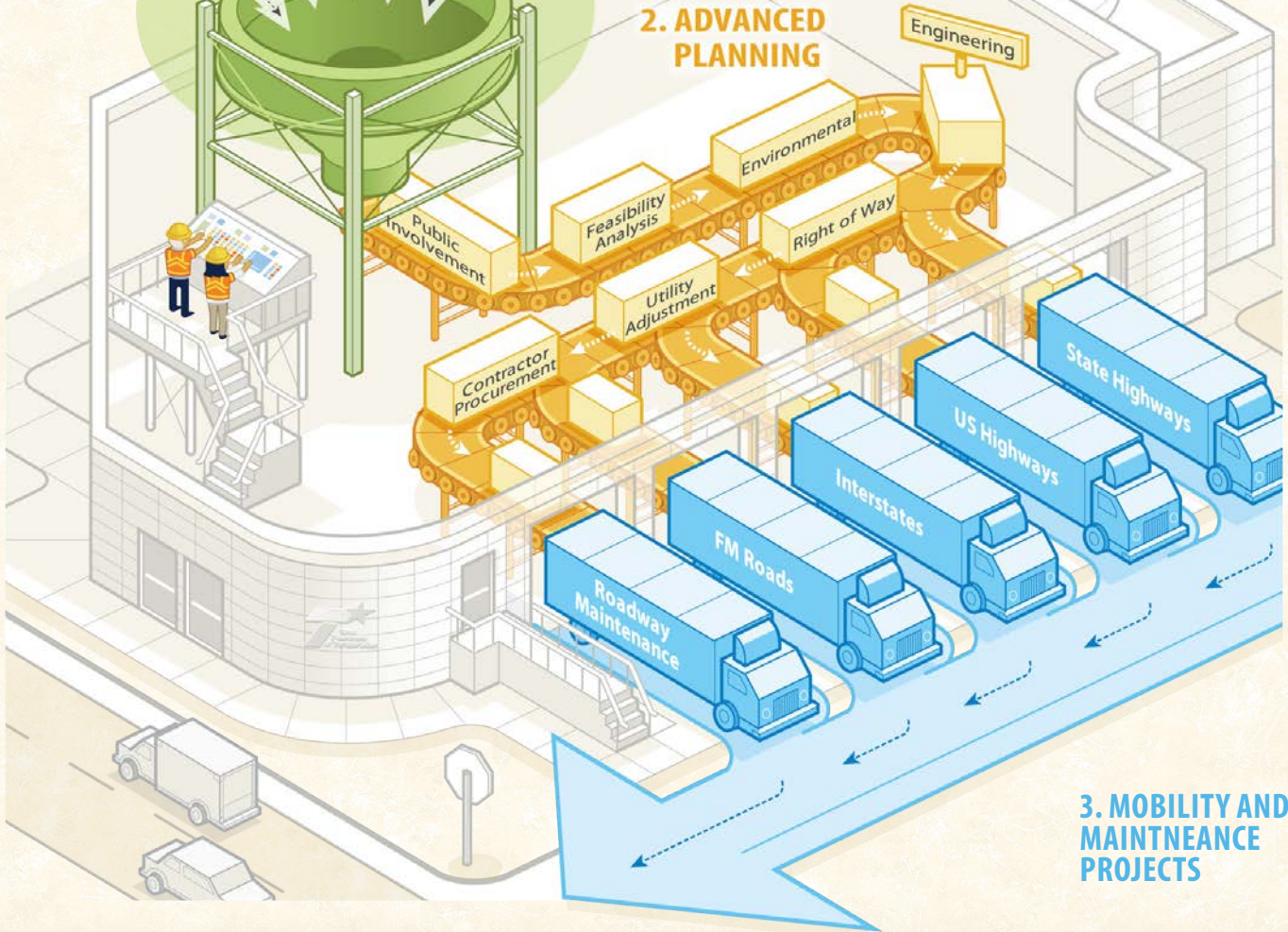
A VISIONARY LOOK AT THE BUSINESS OF BUILDING ROADWAYS

1. FUNDING SOURCES



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

2. ADVANCED PLANNING



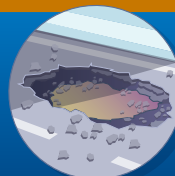
DALLAS DISTRICT | PROGRESS



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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>