

FORT WORTH DISTRICT PARTNERS



Fort Worth Skyline

Enhancement Projects Funded

In July, the Texas Transportation Commission approved \$76 million in funding for 54 transportation-related enhancement projects, including four pedestrian projects in the Fort Worth District: Bowman Branch Linear Park Trail in Arlington, Links Trail in Grapevine, FM 1709 sidewalks in Southlake, and pedestrian and bicycle connections in Fort Worth. Federal funds totaling \$8.3 million will cover up to 80 percent of allowable costs, with each city responsible for the remaining cost share. Projects were selected on a competitive basis following a program call in October 2009. The current, federal transportation bill, SAFETEA-LU, requires transportation enhancement projects be funded over the life of the bill.

Paddock Viaduct

Construction begins in mid-August on the rehabilitation of the Business 287 (North Main Street) bridge over the Trinity River. Built in 1914, the historic bridge was named the Paddock Viaduct in honor of B.B. Paddock, former state legislator and mayor of the city. It was the first reinforced concrete arch bridge completed in the U.S. TxDOT will maintain the historic elements of the bridge, which will be reduced to one

lane in each direction during construction. The \$2.8 million project is estimated for completion by late summer 2011.

FM 1709

Construction began in July on the \$3.8 million median improvement project on FM 1709 from U.S. 377 to SH 114 through Southlake and Keller. The six-mile project initiated by Southlake will convert the existing center median turn lane to a raised curb median. It will include the installation of left turn bays at most locations, and the project will add some new right turn lanes. It is estimated for completion by fall 2011.

Drive Clean Across Texas

TxDOT kicked off its annual clean-air initiative in June. The air quality public education campaign encourages motorists to change their driving and vehicle maintenance behaviors to reduce harmful vehicle emissions. This year's campaign will give one lucky winner a new Ford Fusion Hybrid, donated by the Dallas Cowboys.

 www.DriveCleanAcrossTexas.org

IMPROVE our air quality

As one of TxDOT's goals, the Fort Worth District and its regional partners are improving air quality through the federal Congestion Mitigation and Air Quality (CMAQ) program.

District funding for 2008 to 2011:

\$107 million for emission reduction activities such as transit, intersection improvements, traffic signal optimization, and bikeways.

August 2010

PARTNERS *in construction*

AWARDED PROJECTS

	Hwy	Limits	Type of Work	Estimate (millions)	Bid (millions)	Underrun (%)
JULY	SH 26	Brumlow Ave to SH 114	Widen from 4 to 6 lanes	\$17.5	\$11.9	-32.0
	I-35W	FM 917 to County Rd 604 Johnson County	Reconstruct frontage roads	\$1.8	\$2.1	+21.6
	I-35W	FM 2258 to County Rd 107 Johnson County	Pavement overlay and repairs	\$2.0	\$2.2	+7.8
	FM 157	Arkansas Ln to Spur 303	Pavement overlay and repairs	\$0.2	\$0.2	+12.4
	FM 52	At Rock Creek Parker County	Bridge replacement	\$0.7	\$0.6	-11.8

PROJECTED PROJECTS

	Hwy	Limits	Type of Work	Estimate (millions)
AUGUST	I-20	FM 113 to Spur 312 Parker County	Pavement rehabilitation	\$28.2
	Spur 347 (Weatherford St)	West of I-35W	Eastbound bridge replacement	\$6.8
	SH 171, SH 174	Johnson County	Pavement overlay and repairs	\$5.0
	Various roadways	Erath, Tarrant and Wise Counties	Bridge replacements	\$2.3
	Various roadways	Various locations	Traffic signal synchronization	\$2.4
	Various roadways	Tarrant County	Pavement markings	\$1.0
	Various roadways	Tarrant County	Intelligent transportation systems	\$1.6
	Various roadways	Erath County	Rumble strips and pavement striping	\$0.3
	FM 205	County Rd 437 to 4 miles east Erath County	Add shoulders	\$1.3
	Fort Worth Pedestrian Trail	Lancaster Ave to Museum Way	Hike and bike trail	\$1.3
	SH 180 (Division St)	At Village Creek	Bridge replacement	\$1.5
	US 287	I-35W to Wise County Line	Pavement overlay and repairs	\$4.0
	US 180	FM 4 to the Brazos River bridge Palo Pinto County	Pavement overlay and repairs	\$1.8

Note: The August letting currently includes 28 projects estimated at a total of \$62 million.

Since its completion in 1967, Interstate 20 has effectively handled the growing numbers of Texas residents and passing motorists that cross its 636 miles, but after 40 years of wear and tear, vast stretches of this corridor have been in need of an overhaul.

In the late 80s and early 90s, I-20 was reconstructed and expanded in Fort Worth, but to our west, the infrastructure is aging.

From 2003 to 2008, 22 miles of I-20 were rehabilitated in the Erath and Palo Pinto counties for \$56 million. Since that time, gas-tax funding has become more limited as TxDOT crews have struggled with these reduced resources to maintain the thoroughfare.

This year, the Texas Transportation Commission took a decisive step to fix critical areas of I-20 in Parker County using Proposition 12 bonds. As early as this August, TxDOT will let a \$28 million project to rebuild 7.7 miles of I-20 west of Weatherford from FM 113 to Spur 312. In 2012, an additional \$4 million is planned for extensive repairs on 4.5 miles of I-20 east of Weatherford from FM 5 to FM 1187.

“I-20 is starting to degrade after decades of use,” said Fort Worth District Engineer Maribel Chavez. “With freight truck and automobile traffic, it is one of the most heavily traveled highways in Texas. Citizens expect this interstate highway to be maintained.”

Also in Parker County, I-20 frontage roads are under construction using pass-through financing. The new lanes will accommodate 2.7 miles of local congestion in Weatherford for approximately \$33 million.

Over the last decade, I-20 has become safer with the installation of 50 miles of median barrier for \$13 million in the Parker and Tarrant counties. Partly funded with safety bonds, this included some of the state’s first use of wire-rope median barrier that has since become the new standard in preventing crossovers.



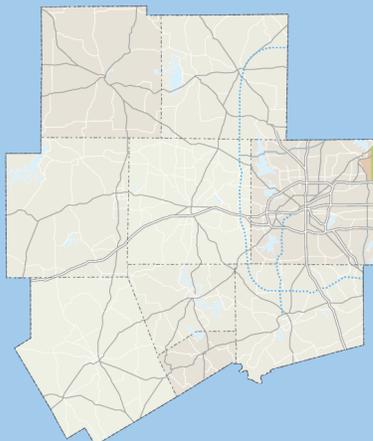
I-20 West of Weatherford



I-20 Frontage Roads in Weatherford

PARTNERS

August 2010



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



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Warm-Mix Asphalt Means Cleaner Air

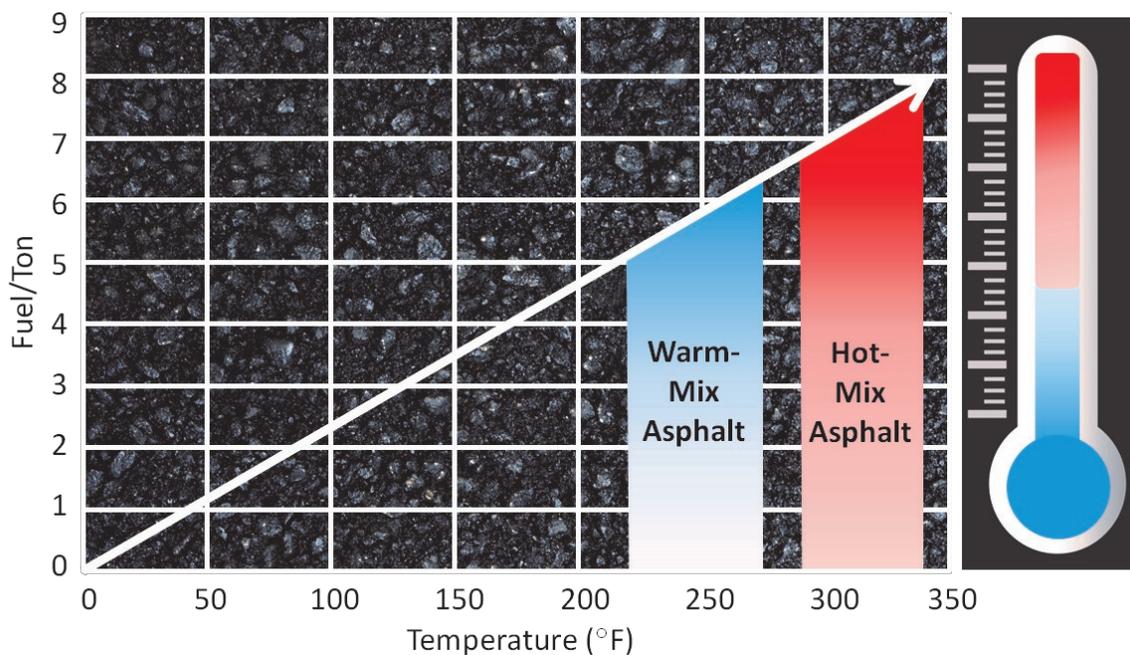
A byproduct of refining crude oil, asphalt has long been the choice glue or binder for aggregate in road construction. Until recently, the industry's only option had been hot-mix asphalt, which is heated up to 350 F. New technologies now allow asphalt to be mixed at much lower temperatures, which is more environmentally friendly and will better meet the region's air quality non-attainment standards. **Since 2007, the Fort Worth District has led the nation by using over 400,000 tons of warm-mix asphalt on 16 construction projects including: I-820, SH 26, SH 183, SH 199 and FM 1938 in Tarrant County.** Although slightly more expensive, the benefits include:

- Lower energy consumption
- Lower fumes and emissions
- Reduces carbon dioxide gases
- Pavement season extended
- Lower temperatures
- More consistent, even
- More resistant to failures
- Lower noise

80%

Decrease in carbon dioxide greenhouse gases by using warm-mix asphalt

Sources: Asphalt Institute
U.S. DOT



At cooler temperatures, warm-mix requires up to 35 percent less fuel per ton to produce.

FEDERAL update

The SAFETEA-LU bill, which expired on Sept. 30, 2009, is currently operating under an extension through Dec. 31, 2010. The extension funded FY 2010 and the first quarter of FY 2011 under the original bill's apportionment and restored the \$720 million of contract authority that was stripped by the Sept. 30, 2009 rescission.

To keep up with the status of the federal transportation bill, visit these sites regularly.

 transportation.org

 transportation.nationaljournal.com

 trans2group.com

 innobriefs.com