



## PROJECT PROFILE

The Fred-Med project is designed with the intent to allow a free flow of traffic into and out of the Medical Center, improving the safety of those seeing health care and medical assistance while reducing critical travel time for those seeking emergency care.



### FAST FACTS:

<b>Estimated Total Project Cost</b>	\$14,620,177.16
<b>Project Length</b>	.150 Miles
<b>Project Scope</b>	Construct bridge
<b>Project Duration</b>	Two years
<b>Contractor</b>	Texas Sterling Construction
<b>Funding Type</b>	Traditional
<b>Daily Traffic (2011)</b>	33,000 cars per day
<b>Start Date</b>	Fall 2013
<b>Estimated End Date</b>	Early 2015

### District Engineer:

Mario Jorge, P.E.

### Project Engineer:

Justin Wiatrek, P.E.

### Public Information Officer:

Josh Donat

### Phone:

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### Email:

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### Blog:

<http://txdotsanantonio.blog.spot.com>

### U.S. Senators:

Sen. John Cornyn  
Sen. Ted Cruz

### U.S. Representatives:

Rep. Joaquin Castro  
Rep. Lamar Smith

### State Senator:

Sen. Leticia Van de Putte

### State Representative:

Rep. Trey Martinez Fischer

### County Commissioner:

Commr. Kevin Wolff

### City Councilman:

Cnclmn. Ron Nirenberg

### MAJOR WORK:

- Adding two through lanes in each direction on Medical Drive
- Two exit lanes in each direction providing access to Fredericksburg Road
- Two entrance lanes allowing traffic from Fredericksburg Road to reach Medical Drive
- Improved drain structures
- Improved sidewalks and pedestrian features

### FRED ROAD BRIDGE DECK:

- Milestone allows just 14 days to have a bridge constructed and open to traffic on Fredericksburg Road
- Maximum incentives of \$120,000 earned by contractor if complete in 8 days
- Liquidated damages of \$15,000 per day charged if contractor takes more than 14 days to open the bridge
- Overall project completion carries a maximum incentive of \$100,000

**LATERAL BRIDGE SLIDE TECHNIQUE:** A new-to-Texas technique [designed to accelerate bridge construction](#), it's been used with increasing frequency in other states. The process uses a system of Teflon-coated pads and stainless steel plates to slide a bridge deck into place. Two 60-ton hydraulic jacks are used to push the 2,000-ton bridge decks into place. The process was designed by H. Boyle Engineering in Salt Lake City, UT.

**TRAFFIC:** During the work on the bridge, through traffic on Medical Drive will be maintained to allow constant access to and from the South Texas Medical Center. Traffic on Medical Drive will also be able to turn right onto Fredericksburg Road. Traffic on Fredericksburg Road will be forced to turn right onto Medical Drive. No left turns will be allowed at the intersection, and through traffic on Fredericksburg Road will be restricted. Drivers should [seek alternate routes](#).