

2658-01-013 SH2642 Paris District

Project Description

The project improvements address congestion from FM 35 to SH 66 along FM 2642. Improvements consist of widening FM 2642 from 2-lane rural to 4-lane urban with culvert extensions, as well as the reconstruction of the FM35 intersection.

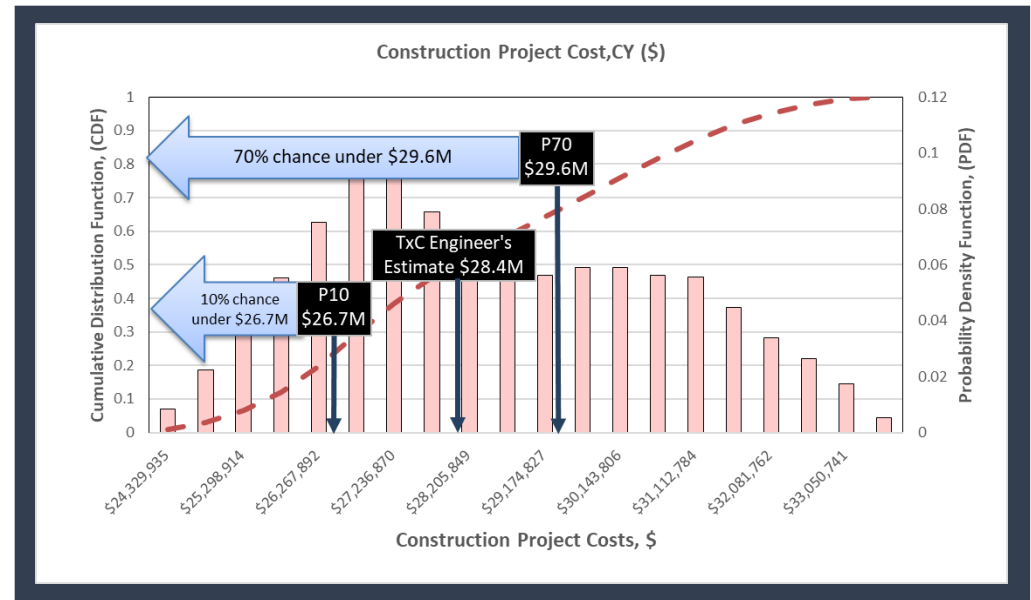
CCSJ: 2658-01-013

CSJ: 1017-03-035

Estimate Let Date: 10/06/2022

Key Assumptions

- The Engineer's Estimate in TxC of \$28.0M does not include contingency, incentives/disincentives, or force account work.
- Unit prices for identified items in estimate are based on most available historical bid averages available at the time.
- PRBE analysis considers base variability, market conditions, and 4% inflation rate to the midpoint of construction duration.
- Probability of a Better than Planned (BtP) market set at 33%
- Probability of a Worse than Planned (WtP) market set at 33%
- 5% BtP offset from as planned dist.
- 10% WtP offset from as planned dist.



Date: 11/15/2022

Summary

P70 Probabilistic Cost Estimate Value – 70% likelihood that the construction cost estimate will not exceed the P70 cost estimate value.

- The 70% probability the cost range for this project is \$29.6M indicating there is a 70% chance that it will be bid for less than \$29.6M.

P10 Probabilistic Cost Estimate Value – 10% likelihood that the construction cost estimate will not exceed the P10 cost estimate value.

- The 10% probability the cost range for this project is \$26.7M indicating there is a 10% chance that it will be bid for less than \$26.7M.

Contingency Evaluation		Current Year, CY	
Risk Source		Contingency, CY (\$)	Contingency, CY (%)
Base Variability		640,643	2.3
Market Conditions		1,071,374	3.8
Risk Events		(53,824)	(0.2)
Total		1,658,193	5.9