



Project Alternatives

Alternative #1 Midway Interchange

Diamond interchange with turnpike passing under Midway Road including four single lane ramps entering/exiting Muskogee Turnpike. Ramps will be on-grade open sections with 2' shoulder, 15' ramp and 8' shoulder. Access to/from SH-51 would be accomplished along Midway with improvements to include a 4 lane divided facility for approximately 0.85 miles from the Muskogee Turnpike to SH-51. At the interchange, Midway will have a curb and gutter section with 2-12' lanes, 1-14' turn lane, 2-12' lanes. The horizontal alignment of Midway will need to offset from the section line road to the east to miss existing utilities recently installed. This is intended to be just west of the existing bridge. This is reflected in Blue in the map below.

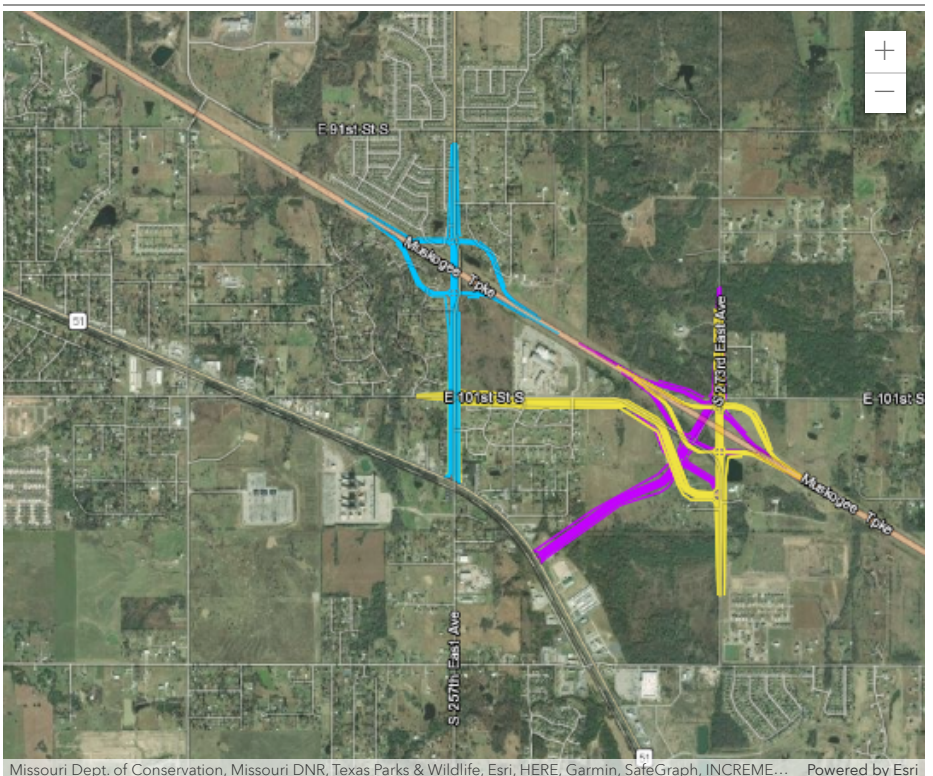
Alternative #2 273rd Interchange (Option 1)

Diamond interchange with turnpike passing under S 273rd which would be relocated along the section line in the vicinity of the turnpike. Interchange would include four single lane ramps entering/exiting Muskogee Turnpike. Ramps will be on-grade open sections with 2' shoulder, 15' ramp and 8' shoulder. Access to/from SH-51 would be accomplished along E 101st Street S slightly relocated to tie to the new alignment of S 273rd. At the interchange, S 273rd typical section will consist of 10' shoulder, 2-12' lanes, 14' turn lane, 2-12' lanes, 10' shoulder. From the intersection of E 101st Street S and S 273rd traffic would move northwest, then west along E 101st Street S to the intersection of Midway Road and thence south along Midway Road to SH-51. Improvements to E 101st Street S and Midway would create a 4 lane divided facilities. This is reflected in Yellow in the map below

Alternative #3 273rd Interchange (Option 2)

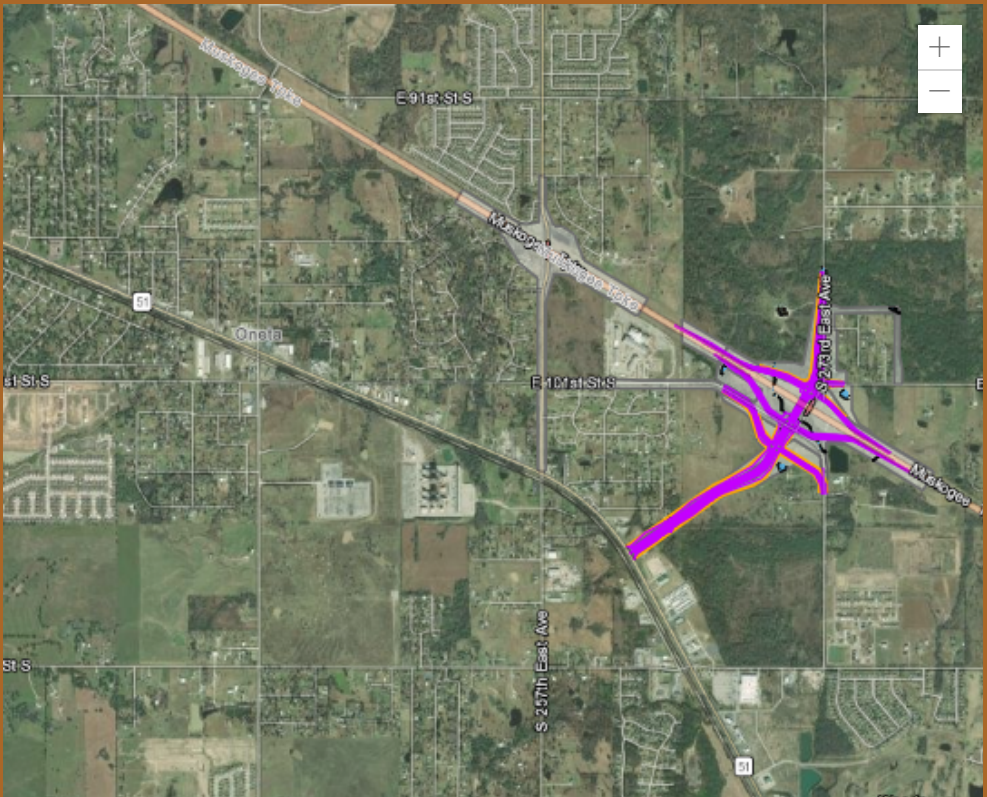
Diamond interchange with turnpike passing perpendicularly under S 273rd at the current location. Interchange would include four single lane ramps entering/exiting Muskogee Turnpike. Ramps will be ongrade open sections with 2' shoulder, 15' ramp and 8' shoulder. At the interchange, S 273rd typical section will consist of 10' shoulder, 2-12' lanes, 14' turn lane, 2-12' lanes, 10' shoulder. Access to/from SH-51 would be accomplished along a new alignment 0.75 mile long 4 lane divided connector. The connector alignment would be from a point on SH-51 approximately 0.2 miles southeast of the intersection of SH-51 with East 105th Street S and run northeast to the new interchange location. This is reflected in Purple in the map below.

SH-51 Study Overview Map



Preliminary Alternate Evaluation Report - Figure 1 - SH-51 Study Overview Map Alternative Layouts. Online version of Figure 1 meant to provide an understanding of the current information developed for the evaluation of the interchange and potential connections.

SH-51 - Alt 3 (Preferred Alternative)



Missouri Dept. of Conservation, Missouri DNR, Texas Parks & Wildlife, Esri, HERE, Garmin, SafeGraph, INCREME... Powered by Esri

Preferred Alternative

Alternate 3 S 273rd E. Option 2

- Turnpike interchange located at S 273rd E Ave.
- New bridge located very near current location.
- Ramps accomplish all four directional movements.
- New connection on virgin alignment to provide 4 lane divided connection from SH-51 to Muskogee Turnpike (SH-351).

[Go to the Map](#)