**J6P3242B – Route 21 at Lowry Lane Intersection Improvements**

**Additional Project Description Details (Q&A Format)**

**Why is this project needed?**

The purpose of this project is to increase overall safety throughout the corridor by reducing left-turn conflicts through the installation of a two-way-left-turn-lane (TWLTL). This long-term geometric improvement is intended to reduce the high number of rear-end crashes and provide for safer turning movements in the corridor. Evaluation of guardrail needs will also be completed for the corridor, further enhancing future safety.

**How were the project limits chosen?**

MoDOT identified the Lowry Lane intersection as a location that would benefit from a safety improvement project. A number of roadway segments near the intersection were evaluated using available crash statistics and engineering criteria. This helped establish project limits that would provide the best expected safety benefit for the proposed project, while providing the best value to the taxpayer.

**How will this work be accomplished?**

Route 21 will be widened slightly along each side of the roadway to form the new third lane in the middle. The widening will be balanced in this manner to help reduce impacts to adjoining properties. Work on this project is expected to be similar to the work performed during 2019 on Route 21 at Hilltop Mobile Home Court (just north of this project), and Amvets Drive, south of DeSoto.

**What will the construction look like?**

MoDOT leaves the precise staging to the contractor who is awarded the bid for the project, and construction methods may vary by contractor. However, it is anticipated that the temporary traffic control will be managed using staged construction to build the widening on one side of the roadway at a time, with traffic being shifted during these stages of construction. Some operations may be performed under a single lane closure with a two-way flagging operation through the work zone. Work may also be performed during nighttime hours.