



MEMORANDUM

TO: Elizabeth Nijkamp, Engineer Review Manager, El Paso County

FROM: Paul Brown, FHU

DATE: March 28, 2022

SUBJECT: **On-Call Contract #17-067H-1; PO # 8115428**
Traffic Impact Study Reviews
Task Order #2: Grand Reserve Phase I TIA Review

This memorandum provides a list of comments on the Grandview Reserve Phase I TIA based on requirements provided in the County's Engineering Criteria Manual (ECM), Appendix B.

Comments

Comments on the TIA are divided into general requirements to conform to ECM TIA report requirements and technical and report specific comments that request further clarification or missing information.

General Comments

The following are general requirements that need to be met in the TIA to meet ECM requirements:

1. The TIS provides traffic counts collected within one year of submittal that were collected in two different months. No mention is made regarding seasonal adjustments or pandemic impacts. The ECM requires that the TIS use reliable data to develop consistent existing year volumes. Note that CDOT has a nearby continuous count station on US 24 that may be useful for this process.
2. The ECM requires a progression analysis. Although a brief mention of this analysis is provided in the text on page 13, the overall analysis is not presented. Please include it.
3. The ECM requires signal warrant analyses for new traffic signals. The TIS does not recommend specific intersection control types at intersection #1 and intersection #12. Provide a clear control recommendation at these intersections and provide warrant evaluations for any proposed signals.
4. The potential church access along Eastonville Road is briefly mentioned, but no analyses are presented. If this access is part of the project, please complete the Sunday evaluation mentioned on Page 17. Otherwise, please delete this access from the TIS.
5. Access spacing along Eastonville Road (Figure 2b) ignores the existing Falcon Regional Park and the potential church access. Please update the access analysis to reflect these access points.

Technical Report Comments

Comments on the technical report can be found in the Grandview Reserve Phase I TIS PDF document in Bluebeam.

Conclusions

Based on the comments above, we feel that the subject TIA should be updated and resubmitted. The revised study should refine the baseline traffic volumes, clarify future intersection controls, and provide missing analyses.