

# Memorandum

**To:** Daniel Torres, El Paso County

**From:** Max Rusch, PE, PTOE, Wilson & Company

**Date:** 11/21/2023

**Re:** Esteban Rodriguez Subdivision Sketch Plan Master Traffic Impact Study - Review Comments

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This memorandum provides comments on the Esteban Rodriguez Subdivision Sketch Plan Master Traffic Impact Study conducted by LSC Transportation Consultants, Inc. on August 15, 2023. Appendix B – Transportation Impact Study Guidelines in the El Paso County Engineering Criteria Manual (EMC) was referenced to ensure compliance with the El Paso County standards. Additional redline comments were made in the TIS. Please refer to the redlined PDF for the exhaustive list of comments made during this review.

## General Comments

1. Per ECM B.2.2., an existing conditions scenario is required in the study.
2. Please detail the methodology used to forecast the future short-term and long-term volumes.
  - a. Include and provide justification for background growth rate.
  - b. Provide information regarding volume contributions from each of the nearby proposed future developments that were included in the future volume forecasts. Please include relevant excerpts from their accompanying traffic studies in the appendix.
3. There are inconsistencies between the Synchro models, figures, and text descriptions for the future roadway geometry. Please revise study to achieve consistency.
4. In the Pedestrian and Bicycle Facilities section of the study, please include discussion of what the development is providing to improve multimodal travel in the near vicinity, and whether the proposed development is anticipated to generate multimodal trips.

## Traffic Analysis

5. Intersection #3 is not included in long term analysis. Please include or address why it is left out.
6. Please revise peak hour factors used in Synchro analysis to meet criteria from ECM B.3.
7. ECM B.3.requires that roadway links be analyzed. Please report ADT for each link in each scenario and determine whether the ADT falls under the acceptable traffic volume for the roadway classification.
8. Please include seconds of delay in the LOS tables.
9. Within the auxiliary lane section, discuss existing movements that warrant auxiliary lanes. Is there the potential of operational or safety issues at any of these locations?

## Mitigation Measures

10. ECM B.5. states “When a project's vehicular impacts do not meet the minimum acceptable LOS standard, the TIS shall include feasible measures, which would mitigate the project's impacts. The mitigation measures are intended to be in addition to the minimum required improvements necessary to meet these standards.” Please discuss possible interim solutions for the intersection of US-24 & Stapleton Rd to prevent the intersection from operating over capacity until a signal is constructed.

These comments attempt to identify all items that do not meet requirements listed in El Paso County's Engineering Criteria Manual. However, it remains the responsibility of the developer to ensure that all criteria are met.

Please contact me at [maxwell.rusch@wilsonco.com](mailto:maxwell.rusch@wilsonco.com) or at 970-834-6803 if you have any questions regarding these comments.

Sincerely,  
Wilson & Company

Max Rusch, PE, PTOE