



MEMORANDUM

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

FROM: Paul Brown, FHU

DATE: August 26, 2022

SUBJECT: **On-Call Contract #17-067H-1; PO # 8115428**
Traffic Impact Study Reviews
Task Order #3: Flying Horse North Sketch Plan TIS - 2nd Review

This memorandum provides updated comments on the Flying Horse North Sketch Plan TIS (Revised July 2022) based on requirements provided in the County's Engineering Criteria Manual (ECM), Appendix B.

Previous Comments

FHU reviewed the original Flying Horse North Sketch Plan TIS and submitted comments in a memorandum dated April 23, 2022. We have compared the revised TIS to these previous comments. Items appropriately addressed are showing in italicized text, and items that are still outstanding are shown in regular text.

General TIS Comments

The following comments were made on the original TIS. The comment numbering has been retained from our original memorandum for consistency.

1. The required TDM assessment, pedestrian / bicycle evaluations, and safety analysis missing from the initial submittal have not been added.
2. *The traffic count data have been adjusted to account for pandemic impacts.*
3. The HCM defaults in Appendix C have not been adjusted.
4. *The original TIS made various trip generation assumptions which have been clarified in this submittal and match the tables and legends in the Sketch Plan. However, see comments on the sketch plan below.*
5. The internal capture methodologies have not been updated to reflect accepted practice.
6. Project-specific mitigation measures have not been summarized in a table, as required by ECM.

Technical Report Comments

The following are general comments on the TIS analyses that could affect the conclusions reached.

7. Supplemental site access points have not been evaluated.
8. A progression analysis has not been included.
9. The application of existing versus optimized signal timing has not been clarified.
10. *The auxiliary turn lanes have been defined in the queue length table.*
11. *The queue length analysis has been provided.*

Additional comments on the technical report were provided in the Flying Horse North Sketch Plan TIS PDF document in Bluebeam. These comments were generally not addressed except as noted above.

Sketch Plan Comments

Although not a formal part of FHU's review, we noted several items in the sketch plan that could require updates to the traffic study. The applicant's traffic consultant should work with the development team to ensure consistency between the sketch plan and the TIS as the issues below are addressed.

- General Note 1 on Sheet 1 refers to 1,471 DU while the remaining sketch plan sheets have been revised to show 1,121 dwelling units. Clarify.
- *The references to City of Colorado Springs requirements have been clarified.*

Current TIS Comments

Given the lack of revisions to the original TIS, new comments on the revised TIS are limited. We noted that the revised Sketch Plan document continues to be internally inconsistent regarding the number of dwelling units. The revised TIS is consistent with the Site Data table on Sheet SP-1 but is not consistent with General Note 1 on the same sheet. Once the Sketch Plan is updated to reflect a consistent number of units throughout, the TIS should be updated to match the development intensity shown on Sketch Plan.

We also noted that El Paso County provided additional comments on the original TIS in the Bluebeam session. We concur with the County's input and expect that these comments would also be addressed in a revised TIS.

Conclusions

Based on the comments above and the lack of responses to previous comments, we feel that the subject TIS should be updated and resubmitted. The revised study should refine the project trip distribution, clarify future improvements, provide missing analyses, and address El Paso County comments.