

Memorandum

To: Matt Grush, P.E., PTOE – Planning Department Traffic Engineer
(Albuquerque, New Mexico)

From: Roxanne Medina, PE, PTOE (Huitt-Zollars)

Subject: Montage Units Traffic Impact Analysis, Draft Final Response

Date: October 26, 2021

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1. Provide access point analysis for all access for Montage from University Blvd. and also Bobby Foster Rd. Include site plan drawings with sufficient detail depicting all access points to these roads. The site plan for the Gateway Apartment dated 7/25/2021 shows a main entrance on University Blvd. between Bobby Foster Rd. and Arbus Dr. The access to the Gateway Apts. as well Arbus Dr. and any other access that are not in the draft final report are to be included in the final report.

Reevaluated trip distributions for the Multi-Family Housing according to the site plan 7/25/2021. Added intersections 10 (Multi-Family Homes Driveway and University Blvd) and 11 (Arbus Dr and University Blvd) to the report and figures. Used Synchro to run traffic models for Intersections 10 and 11. Reran Synchro models for all Intersections.

2. Provide a drawing showing the proposed geometric relationship with the connection between Montage Units and the Regional Sport Complex specifically Diebenkorn Dr, Newhall Dr, Sagan Loop, Multi-Family Housing driveway.

The Regional Sports Complex TIA should show connections to the roadway network. Included in Appendix E, Figure (AS100) was used to distribute trips from sports complex to the connecting streets with the Montage Units.

3. Guidance from The Federal Highway Administration (FHWA) Every Day Counts advises alternative intersection control should be evaluated and considered as first choice in lieu of Traffic Signals if they provide acceptable operation and safety. The City has concluded that the intersection control of choice will be a roundabout configuration for the following intersections:
 - o Intersection #6: University Blvd & Fritts Crossing
 - o Intersection #7: University Blvd & Eastman Crossing/Bobby Foster Rd.
 - o Intersection #8: University Blvd & strand Loop
4. The intersection analysis for the 2028 Build scenario indicates the stop control operation fails for these intersections while the roundabout control functions acceptably in most cases. The right-of-way (ROW) required for the roundabouts will need to be determined and shown in the report. If additional ROW is needed this should clearly be shown and understood.

The following response addresses comments 3 and 4. Evaluated ROW requirements for roundabouts. Changed recommendation for Intersection 6-8; although an acceptable LOS is determined through Synchro, a roundabout will difficult to construct in these areas.

5. Special Events traffic from the amphitheater and the Regional Sport Complex will need to be considered in the operational analysis of the University/Bobby Foster intersection.

This should be done as part of the Regional Sports Complex TIA.

6. Describe the construction phasing of the Montage Units with the proposed year and extent of the development construction. This will help guide the preparation of Infrastructure List so that the improvements are “phased in” when they are needed.

Acknowledged. A phasing plan for the Montage Units was provided.

7. Include a table showing the trip distribution for each analyzed intersection for all three developments broken down by development. This information can be used to determine the percent impact that each development traffic contributes.

Provided an excel with a table showing the trip distribution for the Monatage Units intersections. The other TIAs should provide their information as it becomes available.