


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 and Montage Units Charter School Neighborhood Impact Assessment (NIA) Memo Review Response

Date: August 25, 2021

Montage Units TIA

1. Traffic due to the Netflix and Bernalillo County athletic fields needs to be included in the trip distribution.

Acknowledge. Revised TIA to include traffic due to the Netflix and Bernalillo County Athletics Fields. No TIA was available for the Bernalillo County athletic fields. An assumptions presentation was provided to the city and trips generation and distributions were added to the TIA.

2. Site Location/study Area: Provide intersection diagrams for the proposed intersections. This will act as a crosscheck for the written description while improving the ease of understanding what is proposed.

Included figure. (Figure 2)

3. University LOS; this is the results from the Montage traffic only. Traffic from Netflix and Bernalillo County athletic fields should be added to the Montage traffic.

Acknowledge. Revised TIA to include traffic due to the Netflix and Bernalillo County Athletics Fields.

4. Project is located in the State of New Mexico. Remove the "Texas State shaped" north arrow and replace with generic north arrow throughout the report.

Acknowledge. Replaced north arrow.

5. Intersections numbers 1 through 5 are connections from Bobby Foster Rd to Montage. Those intersections operate at an acceptable level of service in the 2028 Build scenario. The impact from Netflix and Bernalillo County athletic fields will have minor effects on these locations. The proposed intersection configurations are acceptable.

Acknowledge.

6. All intersections on University will need to be re-analyzed with the Netflix and Bernalillo County athletic fields developments traffic included. Provide mitigation to improve failing intersection operations. Analysis should compare roundabouts, stop control and traffic signals as intersection control. If a traffic signal is shown to be a viable alternative a traffic signal warrant should be presented.

Acknowledge. Revised TIA to include traffic due to the Netflix and Bernalillo County Athletics Fields. No TIA was available for the Bernalillo County athletic fields. An assumptions presentation was provided to the city and trips generation and distributions were added to the TIA. Did not provide a signal warrant, since this was outside the scope of the study. Mitigations were presented, it is recommended to conduct signal warrants to verify when the intersections warrant the improvements.

Montage Units Charter School NIA

7. Drop-off queuing is blocking Stieglitz Ave. and the on-street parking on Stieglitz Ave. Stieglitz Ave. is 12 feet wide one-way and will not permit vehicle to pass by the queued vehicles. This will not be approved as presented. Provide solutions to minimize disruption of normal traffic during pick-up and drop-off of students.

The queue from Scenario 1 is not the expected queue. This was presented as an extreme scenario. If recommendations provided in Section 6.1 are followed, the expected queue is expected to be similar to Scenarios 2 and 3. Wrote this into the NIA Section 5.1.

8. Provide the expected pick-up traffic queuing diagram.
Did not provide diagram as expected queue is zero.

9. Establish regulations and protocols to assure that the recommendations for the reduction of air pollution and noise are possible and will be complied with.

Provided policies written by the school into Section 6.1 According to the school, "Our student / parent handbook encourages the use of carpooling for parents. At our beginning of the year orientation we have a sign up for parents to communicate if they are interested in said car pools."