

CITY OF ALBUQUERQUE

Planning Department
Alan Varela, Interim Director



Mayor Timothy M. Keller

March 8, 2022

Terry O. Brown, P.E.
P.O. Box 92051
Albuquerque, NM 87199
Via email terryobrown@outlook.com

Re: Oxbow Development / Coors Pavilion Traffic Impact Study, draft
Engineer's Stamp dated February 9, 2022 (G11D067)
Received 2/10/2022
CABQ Planning Transportation comments

Dear Mr. Brown:

The subject Traffic Impact Study for the Oxbow Development / Coors Pavilion Traffic Impact Study dated February 9, 2022 has been reviewed by the City's Planning Transportation Development Section. The following should be addressed in the next submittal.

PO Box 1293

Albuquerque

NM 87103

www.cabq.gov

St. Joseph Dr/Coors Blvd intersection

- Right turn overlap can be a yielding concern because the right-of-way is not clear on who should yield with U-turning vehicle. Are U-turns allowed or prohibited on Coors and specifically at this intersection?
- Provide a conceptual footprint to determine the available ROW and what unforeseen infrastructure impacts are anticipated i.e. traffic signal modifications/relocation...
- What is the expected traffic signal cycle length. It will take a long time to clear queue lengths of 610 feet SB left, and the eastbound left of 280 feet and then accommodate the through traffic. Will this work with a coordinated system along Coors Blvd. The synchro model in the appendix see A-277 is based on existing geometry.

St. Joseph's Dr. from Atrisco Dr. to Coors Blvd.

- Add eastbound bicycle lane with buffer to the crosssection.

Main entrance on St. Joseph

- Provide a conceptual footprint of the main entrance to show that it will fit in the existing ROW. Add the eastbound bicycle lane with buffer.
- The traffic signal will need to be warranted. The traffic signal spacing is typically 1/4 to 1/2 mile. Inside an Activity Center the spacing may be reduced. Check the worst-case queuing at this intersection, and the approaches on St. Joseph's at Atrisco and Coors.
- Describe the queue length in feet. In some cases, the QRS is > 1. Explain how these queues will impact the Main Entrance Traffic signal operation.

CITY OF ALBUQUERQUE

Planning Department
Alan Varela, Interim Director



Mayor Timothy M. Keller

QSR; The Queue Storage Ratio (QSR) is the Maximum Back of Queue (HCM Chapter 16 Appendix G) divided by the Available Queue Storage Length. If the QSR is equal to or greater than 1.0, the blockage will occur.

If you have any questions, please feel free to contact me at (505) 924-3362.

Sincerely,

Matt Grush, P.E., PTOE
Traffic Engineer, Planning Dept.
Development Review Services

PO Box 1293

C: via: email
 Applicant, File
 Margaret Haynes, NMDOT D3 Traffic

Albuquerque

NM 87103

www.cabq.gov