

November 27, 2022

Re: Heartland Market TIS Comments

In response to the comments that we have received from city staff dated November, 16, 2022, we have provided the following responses.

1. TIS: Please remove the diverted trips from the traffic study. These trips are entering from and leaving outside of the study area and should be considered primary trips.
Diverted trips have been re-assigned as primary trips and the primary trip distribution has been updated to reflect that.
2. TIS: NB Lucky at Ikerd warrants a left-turn lane(s) when Lucky is extended north. With the left-turn lane also proposed SB Lucky at Colbern, please provide an operational assessment with the small turn lane(s). This will confirm appropriate storage and R/W for the road section is present. The section of Lucky Rd. should be 12', 16'(4' median), 12'. If additional turn lanes are required due to storage lengths, please provide a recommended section.
Added an operational assessment of the turn lane storage requirements for the two left turn lanes on Lucky Road. Also included a recommended typical section for Lucky Road of 44' measured at back of curb.
3. TIS: WB Colbern at Lucky warrants a right-turn lane. Since there is limited space between the Library entrance and Lucky Rd., the turn lane storage should extend to a point short of the Library entrance so the taper begins prior to and carries through the library entrance.
Revised recommendation for right turn lane on Colbern Road based on staff comments to begin taper just prior to the start of the library driveway.
4. TIS: WB Colbern at Rice warrants a right-turn lane. Please include in your study.
After discussions with city staff, it was determined that this was not warranted and would not be supported by city staff.
5. TIS: The Total Trip volumes entering the site shown on the "Traffic Volumes" exhibit do not match the trip generation table estimated for the site. Please adjust and confirm on-site movements are recalculated.
Revised all traffic volume exhibits
6. TIS: Please provide confirmation that MoDOT has reviewed and approved the TIS. (Email confirmation will suffice).
Submitted to MoDOT on 11/23/22
7. Plans: Please provide dimensions on the sight triangles, as they measure different dimensions than the legend. The distance on each should represent the required SSD and show no conflicts.
Plans updated to include lengths along SSD. Adjusted plantings as requested to remove conflicts.