

June 24, 2025

Mr. Ray Heitner  
Planner  
City of Joliet  
150 W. Jefferson Street, Joliet, IL 60432

Re: Data Center Development – Traffic Impact Study Submittal

Dear Mr. Heitner:

Enclosed for submittal to the City of Joliet, please find a traffic impact study prepared for the data center development proposed south of Schweitzer Road from west of Rowell Road to Ridge Road. Key elements of the traffic impact study are outlined below.

- With the proposed development it was assumed Millsdale Road would be extended east to Rowell Road.
- For the analysis of future traffic conditions, improvements to the intersection of IL 53/Millsdale Road were assumed to be completed by others consistent with the *Third Coast Intermodal Hub (TCIH) Traffic Impact Study* prepared by Kimley-Horn.
- Site-generated traffic was estimated using industry-accepted data from the Institute of Transportation Engineers (ITE) Trip Generation Manual, 11<sup>th</sup> Edition which is likely conservative. In our experience, a number of end users reference empirical data to estimate site traffic as the empirical data is lower than ITE estimates.
  - The ITE data set is included in the traffic study appendix. Based on the range of rates, site trip generation estimates in the traffic study may be conservative. In the morning peak hour, the average rate is 0.11 per 1,000 square feet; however, the range is 0.03 to 0.22. In the evening peak hour, the average rate is 0.09 per 1,000 square feet; however, the range is 0.03 to 0.13.

Based on the analysis of existing and future traffic conditions, site-generated traffic is not expected to materially impact key intersections in the site vicinity. Offsite improvements were not identified.

Please contact me by phone at (630) 487-3395 or via email at [rory.fancler@kimley-horn.com](mailto:rory.fancler@kimley-horn.com) if you have any questions.

Sincerely,

**KIMLEY-HORN AND ASSOCIATES, INC.**



Rory Fancler-Splitt, AICP, PTP  
Associate