

To: Keith Klesner, PE
RadiusDC

From: Andrew J. Pierson, P.E., PTOE

Cc: Todd Huntington, P.E.

Date: December 2, 2025

Re: Trip Generation Analyses
RadiusDC Indianapolis 2
Plainfield, Hendricks County, IN

Trip Generation Analyses

A 98,765 Square Foot (SF) RadiusDC Data Center is being proposed south of Allpoints Parkway in Plainfield, Hendricks County, Indiana. This memo will summarize the amount of traffic that is expected to be generated by the proposed development.

The most widely accepted method of determining a site's traffic is to compare the proposed land use with existing facilities of the same use. The Institute of Transportation Engineers (ITE) has produced a "Trip Generation Manual" which is a compilation of traffic counts which have been collected at similar land uses. The 12th edition was used in our trip generation calculations.

Using ITE data, the data center is expected to generate a total of 15 trips during the AM Peak hour (11 In, 4 Out) and a total of 5 trips in the PM Peak (1 in, 4 out). The table below shows the generated volumes for the facility.

Development Program	Daily	AM Peak Hour			PM Peak Hour		
		In	Out	Total	In	Out	Total
Allpoints Data Center	118	11	4	15	1	4	5

The typical threshold for performing a Traffic Impact Study is 100 additional trips in either peak hours and the proposed data center is expected to generate far less traffic than would need to be further studied. The 15 trip increase in the AM Peak hour is less than the daily variation along the local roadways and is considered an insignificant increase in traffic.