



July 30, 2025

City of Franklin
 1 Benjamin Franklin Way
 Franklin, OH 45005

ATTN: Eric Damian
 City Engineer

RE: Interstate Truckway, Inc – Franklin, OH
 Estimated Site Trip Generation

Dear Eric:

In response to the City’s request, this letter provides an estimate of AM and PM peak trip generation for the proposed Interstate Truckway development, which is a truck trailer sales facility. A conceptual site plan of the development is attached.

The Institute of Transportation Engineers’ (ITE) Trip Generation Manual, 11th Edition, was referenced to estimate trips for this site. ITE does not have data specifically applicable truck trailer sales facility. The owner has provided information about staffing and has indicated that 40 employees would be on site during a typical shift, which is expected to occur between 7:00 am and 5:00 pm. For this estimate, all 40 employees are assumed to enter the site during the AM peak hour and are assumed to exit the site during the PM peak hour, which is likely a conservative estimate.

Approximately 10 to 20 trucks per day are expected for this facility based on owner-provided information at a similar Interstate Truckway development.

To approximate the AM peak exiting trips, PM peak entering trips, and truck/customer traffic, ITE LUC 840 - Automobile Sales (New), which is considered to be similar to this site in operation, has been referenced. For AM peak exiting vehicle trips, LUC 840 trips were scaled to the 40 entering vehicle trips. Similarly, for the PM peak entering vehicle trips, LUC 840 trips were scaled to the 40 exiting vehicle trips. Per the attached trip generation data for LUC 840, the AM peak exiting trips are about 43% of entering trips and the PM peak entering trips are about 79% of the exiting trips.

Truck traffic was based 20 daily trips and the ITE peak time of day distributions for trucks for LUC 840. The estimated site trips are summarized in Table A.

			AM Peak		PM Peak	
			Entering	Exiting	Entering	Exiting
Passenger Cars	Employee Trips	40	*40	**18	***31	*40
Trucks	% of Daily Trips During Peak Hour	LUC 840	15.9%	16.7%	15.9%	14.3%
	Peak Hour Truck Trips	20	3	3	3	3
Total			43	21	34	43

Table A: Interstate Truckway - Trip Generation Summary

* Trips based on employees for a typical day

** Trips based entering/exiting vehicles for LUC #840 during peak hours, scaled to 40 vehicles entering


*** Trips based entering/exiting vehicles for LUC #840 during peak hours, scaled to 40 vehicles exiting

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City of Franklin
Interstate Truckway, Inc – Franklin, OH
Estimated Site Trip Generation

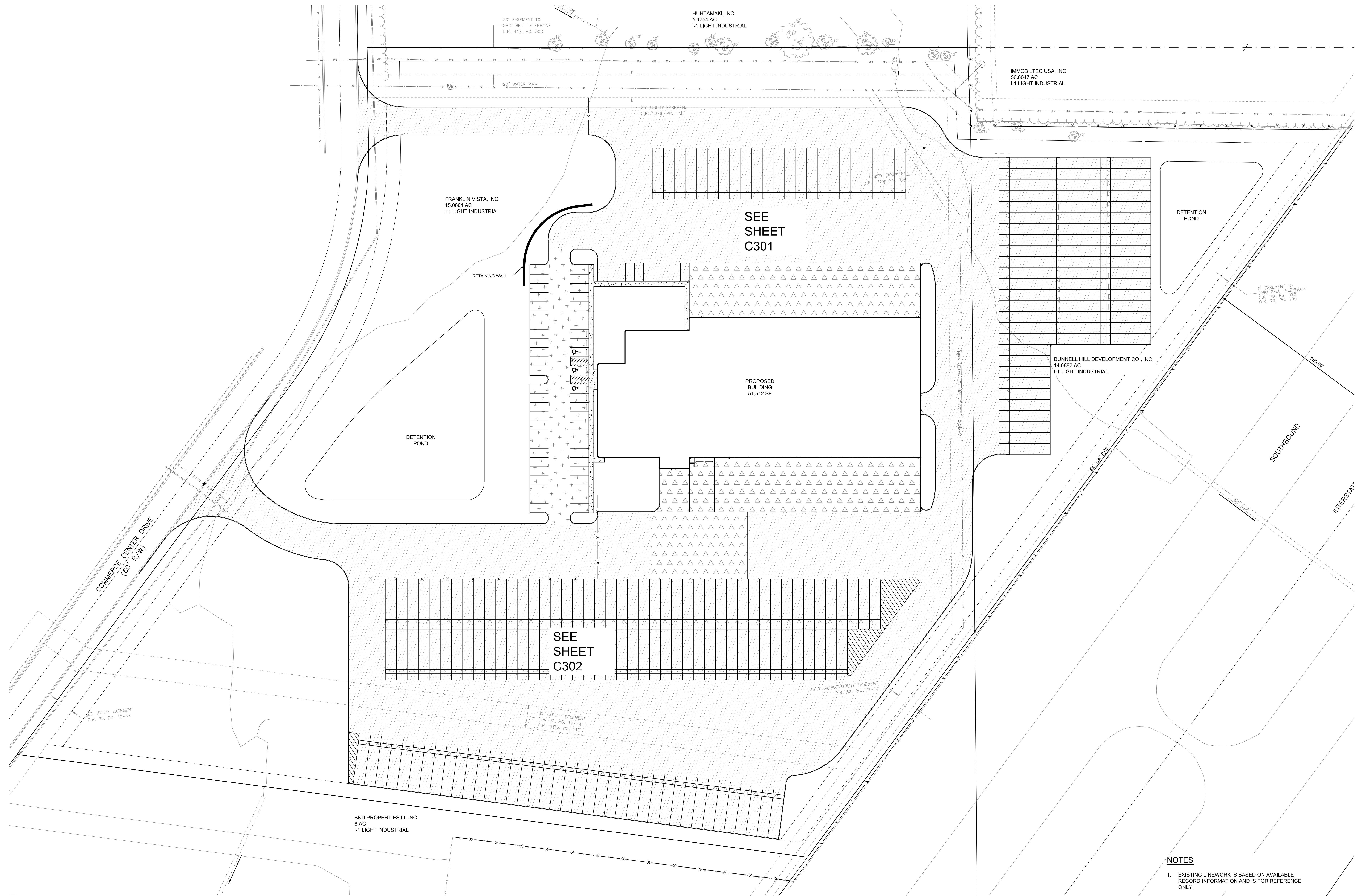


I trust that this addresses the City's concerns regarding trip generation for this development. If you have any questions or if there is anything else you need, please feel free to contact me.

Sincerely,
THE KLEINGERS GROUP


Mark W. Nolt, PE, PTOE
Senior Project Manager

cc: FILE



PROPOSED PARKING COUNT:
 TOTAL PARKING: 61
 (INCLUDING 3 ADA SPACES)
 TRAILER PARKING: 210

SUMMARY TABLE:
 TOTAL ACRES OF THE PROPOSED DEVELOPMENT: 17.68 AC
 NUMBER OF ACRES DEVOTED TO NON-RESIDENTIAL USE: 17.68 AC
 TOTAL BUILDING SQUARE FOOTAGE: 51,512 SF

NOTES
 1. EXISTING LINWORK IS BASED ON AVAILABLE RECORD INFORMATION AND IS FOR REFERENCE ONLY.



NOTE:
 UNDERGROUND UTILITIES ARE PLOTTED FROM A COMPILED LIST OF AVAILABLE RECORD INFORMATION AND SURFACE INDICATIONS OF UNDERGROUND STRUCTURES AND MAY NOT BE INCLUSIVE. PRECISE LOCATIONS AND THE EXISTENCE OR NON-EXISTENCE OF UNDERGROUND UTILITIES CANNOT BE VERIFIED. PLEASE NOTIFY THE OHIO UTILITY PROTECTION SERVICE AT 811 OR 1-800-362-2764 BEFORE ANY PERIOD OF EXCAVATION OR CONSTRUCTION ACTIVITY.

SEAL:
NOT FOR CONSTRUCTION

NO.	DATE	DESCRIPTION

INTERSTATE TRUCKING
 FRANKLIN, OHIO

PROJECT NO: 220187.004
 DATE: 2025-07-24
 SCALE:

SHEET NAME:
 SHEET NO.:

Automobile Sales (New) (840)

Vehicle Trip Ends vs: Employees

On a: **Weekday,**

Peak Hour of Adjacent Street Traffic,

One Hour Between 7 and 9 a.m.

Setting/Location: General Urban/Suburban

Number of Studies: 10

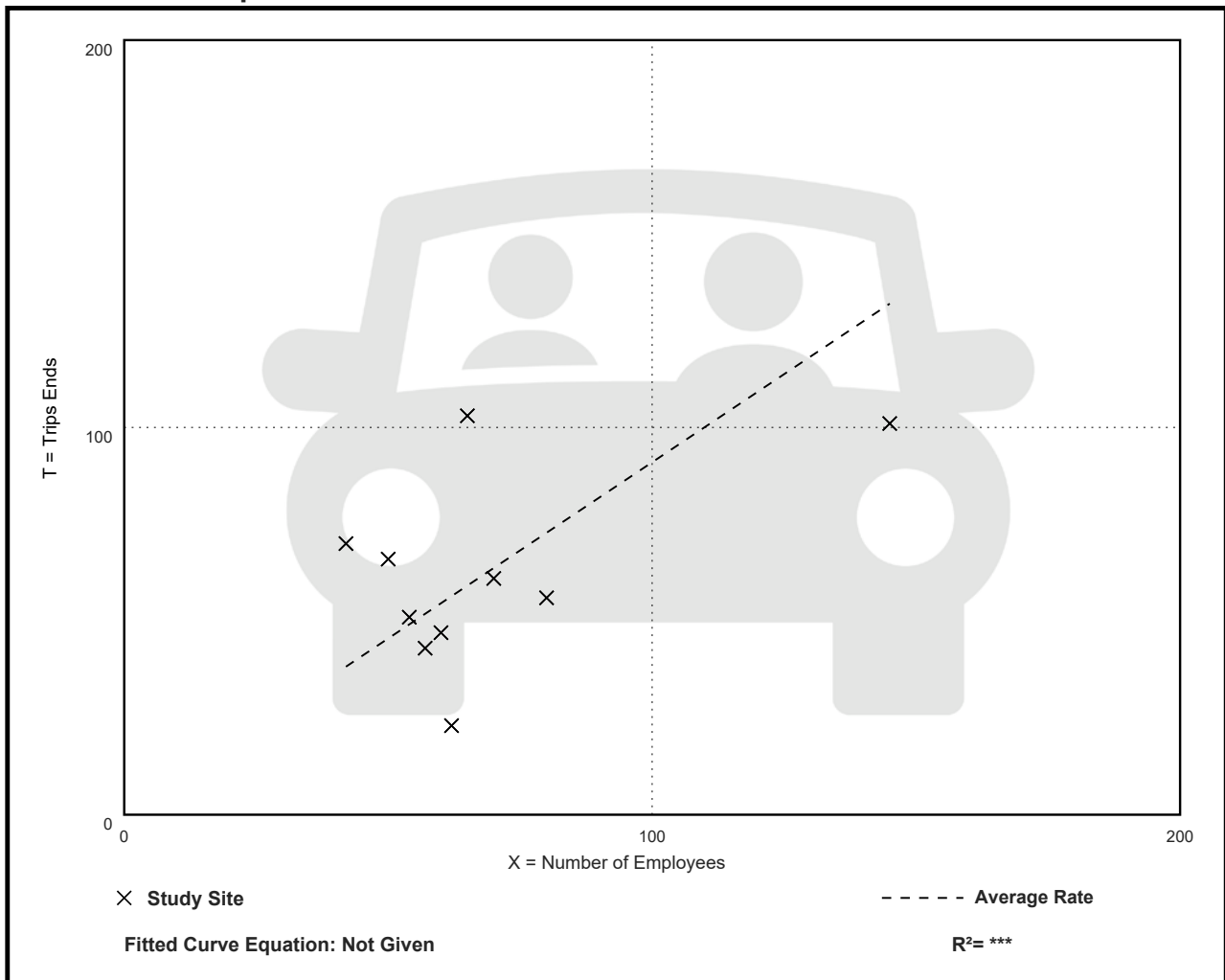
Avg. Num. of Employees: 69

Directional Distribution: 70% entering, 30% exiting

Vehicle Trip Generation per Employee

Average Rate	Range of Rates	Standard Deviation
0.91	0.37 - 1.67	0.39

Data Plot and Equation



Automobile Sales (New) (840)

Vehicle Trip Ends vs: Employees

On a: **Weekday,**

Peak Hour of Adjacent Street Traffic,

One Hour Between 4 and 6 p.m.

Setting/Location: General Urban/Suburban

Number of Studies: 10

Avg. Num. of Employees: 64

Directional Distribution: 44% entering, 56% exiting

Vehicle Trip Generation per Employee

Average Rate	Range of Rates	Standard Deviation
1.02	0.39 - 1.98	0.44

Data Plot and Equation

