



Traffic Study Checklist

A Traffic Study for the proposed development(s)(Project) can be required based on the estimated trip generation for the site or at the discretion of the TxDOT Houston District Traffic Engineering Section. The Applicant/Representative for the Traffic Study shall submit this form along with the site plan and aerial map to the **Maintenance Office** who will then route it to the Traffic Engineering Section to determine if a traffic study is required. Once the applicant/representative is notified if a traffic study is required based on the TxDOT Houston District Traffic Study Guidelines, then the applicant/representative should initiate the traffic study scoping process.

Please fill out the information below prior to conducting a traffic study. The **approved checklist** should be included in the Appendix of the traffic study.

Project Name:	
Tracking Number (if known):	
Location:	
County:	
Project Description:	
Property Owner:	
Property Owner Address:	
Property Owner Email:	
Property Owner Phone No.:	

Applicant/Representative Name:	
Representative Firm (if applicable):	
Address:	
Phone No.:	Email:

Typical Land Use Sizes that Generate Approximately 50 and 150 Trips in a Peak Hour*

Land Use	~ 50 Trips	~150 Trips
Residential		
Single Family	53 Dwelling Units	160 Dwelling Units
Multifamily (Low Rise)	99 Dwelling Units	294 Dwelling Units
Multifamily (Mid Rise)	178 Dwelling Units	535 Dwelling Units
Multifamily (High Rise)	156 Dwelling Units	468 Dwelling Units
Shopping Center (GLA)		
Strip Retail Plaza (<40,000 GLA)	7,500 Square Feet	22,700 Square Feet
Fast Food Restaurant w/Drive-Thru (GFA)	1,100 Square Feet	3,300 Square Feet
General Office (GFA)	32,900 Square Feet	98,700 Square Feet
Gas Station with Convenience Store (Fueling Positions)	3 Fueling Positions	10 Fueling Positions
Warehousing (GFA)	277,500 Square Feet	833,300 Square Feet

*Average Rate for the Institute of Transportation Engineers (ITE) Trip Generation, 11th Edition
 GLA: Gross Leasable Area; GFA: Gross Floor Area



Proposed Development Trips (Pass-by and Internal Capture Not Included)

ITE Land Use Code	Size	Daily Trips	AM Peak Hour Trips			PM Peak Hour Trips		
			Enter	Exit	Total	Enter	Exit	Total

Existing Development Trips (Site Must be Operational)

ITE Land Use Code	Size	Daily Trips	AM Peak Hour Trips			PM Peak Hour Trips		
			Enter	Exit	Total	Enter	Exit	Total

Net Development Trips (Fill out **only if different than Proposed Development Trips)**

ITE Land Use Code	Size	Daily Trips	AM Peak Hour Trips			PM Peak Hour Trips		
			Enter	Exit	Total	Enter	Exit	Total

Full Build Out Year

The full build out year should account for the development to be constructed and substantially occupied.

Build Out Year:



Annual Growth Rate

Provide the annual growth rate (s) that will be used for the analysis and the methodology for obtaining it.

Annual Growth Rate:
Methodology:

Adjustment Factor

Is an Adjustment Factor needed? Yes No

Provide the reason (s) for the adjustment factor and the methodology to determine the adjustment factor.

Adjustment Factor:
Methodology:

Phased Developments

Is the development going to be phased? Yes No



If so, how will it be phased?

Site Access

Is your Site Plan Attached? Yes No

Is your Aerial Attached? Yes No

Identify driveway widths, driveway radii, and access connections spacing, and posted speed limit on the site plan.

How many access connections are being proposed?

What is the access connection spacing? What is the spacing to the nearest traffic signal?

What type of access is being requested (e.g. Full access, right-in/right-out)?

What is the Average Daily Traffic (ADT) for the adjacent roadway?

ADT can be found using the TxDOT Statewide Planning Map and/or TxDOT STARS II:

[Statewide Planning Map](#)
[TxDOT STARS II](#)



Planned Roadway Improvements

Have you reviewed the known and TxDOT planned roadway improvements through **Project Tracker**?
Have you reviewed known non-TxDOT planned projects through **HGAC** or other databases?

Yes No

Identify all known local and TxDOT planned roadway improvements.

For TxDOT Houston District Traffic Engineering Section Use Only

Project Name:

Tracking Number:

- An Approved TxDOT Traffic Study Checklist is required ONLY**
- A Technical Memorandum is required (See TxDOT Houston District Traffic Study Guidelines)**
- A Traffic Study is required (See TxDOT Houston District Traffic Study Guidelines)**
- Rejected (See Additional Comments)**

Additional Comments:

TxDOT Traffic Study Checklist Approver Signature

Date

*Please note: Without an approved checklist, the traffic study will be deemed incomplete and will be rejected until the study adheres to the TxDOT Houston District Traffic Study Guidelines. **The approval of checklist is separate from the review and approval of the traffic study.***