



TRAFFIC IMPACT STUDY CHECKLIST (01/2007)

City of Frankenmuth
240 W. Genesee Street
Frankenmuth, MI 48734-1398
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The following are excerpts of Chapter 51, Section 5.154 of the Zoning Code. City of Frankenmuth officials recognize that land use decisions can have a significant impact on traffic operations and safety. Therefore, the City requires traffic impact studies in certain cases to identify the anticipated traffic impacts to assist in decision making. An intent of this section is to provide specific direction for the preparation of traffic impact studies where such studies are required by this Chapter. The requirements of this section are also intended to help City officials determine the appropriateness of certain uses at proposed locations in terms of traffic impacts and the adequacy of proposed access design. Traffic impact studies may also be used by the applicant to justify additional access points.

The traffic impact study shall be submitted with the site plan or other submittal material. The applicant must discuss or meet with the Zoning Administrator or the Planning Commission to determine if a study is needed, what type of study is needed and specific items to be addressed.

The person responsible for the preparation of the study shall have a degree or specific professional training in the preparation of traffic impact studies. The preparer shall have at least three (3) years of recent experience in the preparation of traffic impact studies, provide evidence of ongoing experience and familiarity with the Highway Capacity Manual and other traffic operation evaluation techniques, be an associate (or higher) member of one or more professional transportation-related organizations and be either a registered professional engineer (PE) or a planner with AICP (American Institute of Certified Planners) or PCP (Professional Community Planner) certification. Any study involving roadway or traffic signal design work shall be prepared by or under the supervision of a registered professional engineer (PE) with specific training in traffic engineering.

Date of Application _____ Zoning District _____

Applicant's Name _____

Applicant's Email Address _____

Title of Project _____

Location of Property _____

Date of Public Review: _____

Action Taken By: _____ Date of Action: _____

√LIST

DESCRIPTION

	Mandatory submittal? (75+ directional trips in peak hour of generator or peak hour on adjacent streets) or (750+ trips in a 24 hour period)
	Requested submittal by Zoning Administrator or Planning Commission

	Copy submitted to appropriate roads agency for comments? Agency – City, County and/or MDOT (Circle all that apply)
	Name of report preparer – meets qualifications of ordinance?
	Description of adjacent area /site:
	-Defined study area?
	-Adjacent street classification
	-Number of lanes
	-Speed limits
	-Intersection controls
	-New proposed adjacent developments, if any
	-Special site features, if any
	-Description of committed roadway features
	Description of requested zoning or use:
	-If rezoning, describe potential permitted uses
	-Number and types of dwelling units, if any
	-Gross and useable floor area
	-Number of employees by shifts
	-Full buildout?
	Traffic volumes:
	-Describe existing peak-hour volumes on adjacent streets and affected intersections
	-Existing Level of Services for adjacent intersections
	-Existing traffic counts are not over 2 years old?
	Roadway characteristics:
	-Existing rights-of-way
	-Lane configurations
	-Geometrics
	-Signal timing
	-Traffic control devices
	-Posted speed limits
	-Average running speeds
	-Sight distance information
	-Existing driveways
	-Potential turning movement conflicts
	-Analysis of background traffic
	Trip Generation:
	-Forecasted trip generation for a.m. period
	-Forecasted trip generation for noon period
	-Forecasted trip generation for p.m. period
	-Weekend forecast if required
	-List edition of ITE Trip Generation Handbook used
	-One standard deviation above from ITE handbook used?
	-Similar projects used for trip generation?

	-If rezoning request, compare traffic generated by existing zoning uses with proposed zoning uses
	-Trip reduction calculations affected by bypass traffic?
	-Trip reduction calculations affected by internal traffic?
	-Trip generation by project phases used?
	Projected Traffic Generated:
	-Inbound versus outbound shown?
	-Left turns versus right turns shown?
	-Projected turning counts at nearby intersections shown?
	-Peak hour turning movements illustrated?
	-Description of how traffic distribution was made shown?
	Level of Service:
	-Level of Service at each driveway?
	-Level of Service at each adjacent street intersection?
	-Before and after analysis made?
	-Gap study made at adjacent non-signalized intersections?
	-Map and description of each driveway access included
	Mitigation Measures:
	-Report outlines mitigation measures in detail?
	-Mitigation measures help Level of Service?
	-Road agency approves new mitigation items on their roadways? (City / County / MDOT)
	Modifications to Impact Study Requirements:
	-Explanation of why requirements should be waived
	-New roadway improvements already scheduled will negate need for developer mitigation items
	-Levels of Services will not impact adjacent intersections because of unique conditions (describe)
	-Previous study was made for same site and is still valid

Signature of Applicant _____ Date _____

The City of Frankenmuth reserves the right to obtain a professional review of the traffic impact study, and the developer shall pay for the cost of the review if required.