

5: Traffic Analysis and Mitigation

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5-A: PM Peak Hour Trips Generated

Traffic analysis requirements and mitigations are determined by the number of PM peak hour trips generated. Determine the number of PM peak hour trips generated using the ITE Trip Generation Manual, Current Edition.

To access this information:

- Contact the city planning department (they have a copy)
- Contact a traffic engineering firm, or
- Purchase the current addition of the Trip Generation Manual published by the Institute of Transportation Engineers (ITE).

Trip generation: the forecasted number of new vehicle trips that will be placed on the road system by the development at full occupancy.

5-B: Existing Trips

You will want to know the number of existing PM Peak Hour Trips already approved for this site. You may be able to get

credit for the trips generated by previous development on the project site if the appropriate mitigation fees were paid.

Existing Trips: Credit for existing trips will be given to application for new development if there is a permitted structure on the site under development.

5-C: Traffic Analysis

Use the [Traffic Analysis Procedures & Checklist](#) and number of PM peak hour trips your project will add to the site to determine your traffic analysis requirements.

5-D: Traffic Mitigation

Traffic mitigation is required for impacts to city, county, and state roads. You may be required to pay for, or install, improvements to traffic and public facilities impacted by the project in addition to any prescribed traffic impact fees listed below.

Traffic Analysis Requirements				
PM Peak-Hour Trips	Trip Generation	Trip Distribution & Traffic Volumes	Level of Service (LOS) Calculations	Accident Analysis & Traffic Analysis
<10	Required			
10-74	Required	Required	Required	
75+	Required	Required	Required	Required

Traffic Mitigation		
Jurisdiction	Amount	More Information
City	• \$3,355 per p.m. peak-hour trip generated	Traffic Mitigation Fee Schedule
County	• 30% of the full \$206 county fee for Transportation Service Area A (Commercial) per Average Daily Trip generated, or • Actual cost of mitigation measures per comprehensive traffic study	More information Offer Form Transportation Service Area Fee Schedule
State (WSDOT)	• \$36/Average Daily Trip generated when a traffic impact analysis is not required, or • Actual cost of impacts to specific WSDOT improvement projects per comprehensive traffic study	More information Short Offer Form Long Offer Form (w/comprehensive traffic study)