

**SECTION TWO (2)
FOR COMPREHENSIVE TRAFFIC STUDIES**

Note: All applicable elements shown in this checklist must be included in your traffic impact analysis. If an element is missing, the analysis will not be reviewed but will be returned without any action. Traffic impact analysis will be submitted to the COUNTY as part of development application and will be forwarded to the State.

Definitions: "Intersection" refers to State/State intersection of State/COUNTY Roadway Intersection only.

NOTE: For developments generating less than 50 PM Peak-Hour trips, if LOS for STATE intersections impacted by ten (10) or more PM Peak-Hour trips is available at the presubmittal conference and all intersections operate at LOS "E" or better, the requirements of IV may be waived. In this case, the LOS list of the impacted intersections must be attached and submitted to the State along with this checklist.

_____ This development meets the above criteria. The LOS list of the impacted intersections is attached.

I. Project Description:

_____ Location (Vicinity map and site plan), type and size of development.

_____ Horizon Year

II. Trip Generation:

_____ Use the current ITE Trip Generation Manual and its supplement unless specific survey data approved by WSDOT or COUNTY is available.

_____ AWDT and PM Peak-Hour Trips. Justify any reduction for pass-by trips, diverted-linked trips and TDM measures consistent with ITE Trip Generation Manual and its supplement unless specific survey data approved by WSDOT or COUNTY is available.

III. Trip Distribution:

_____ Show distribution percentages on vicinity map/diagram.

_____ Show weekday PM Peak Hour and daily assignments.

_____ Show the development AWDT impacting any state improvements as depicted in Exhibit "C."

IV. **Level of Service (LOS) for All State Intersections Impacted By Ten (10) or More PM Peak-Hour Trips.**

_____ Show the existing PM Peak-Hour Counts (less than 18 months old) and LOS for all State intersections impacted by ten (10) or more new PM Peak-Hour trips (may be available from the State or COUNTY). Show lefts, throughs and rights.

1. Signalized intersections (based on the overall intersection LOS).
2. Unsignalized intersections (based on LOS of worst approach or lane group).

_____ LOS calculation sheets must be included (except for intersections where the LOS has been provided by the State or the COUNTY).

For Developments Generating More Than 50 PM Peak-Hour Trips.

_____ The annual growth-rate factor (percentage) and its source.

_____ Projected AWDT and PM Peak-Hour trips at horizon year with/without project.

_____ Projected LOS, with and without project, at horizon year at any intersection impacted by ten (10) or more PM Peak-Hour trips (the State uses Transit 7F Software to calculate LOS of coordinated, signalized intersections; however, the consultants may use other methods acceptable to the State).

NOTE: The 95th percentile queues at signalized intersections may be requested by the State following review of the traffic analysis.

V. **Accident Analysis for all High Accident Locations (HAL) and Intersections Impacted by ten (10) or more PM Peak-Hour trips (HAL) locations are available from State or County:**

_____ Include investigation of all possible alternative access other than State Highways.

_____ Sight distance measurement.

_____ Milepost or highway engineer's station.

_____ Distance from adjacent driveways and intersections.

_____ Type of any proposed access onto a State Highway (unrestricted, right-in/right-out only, right-in/right-out and left-in only or right-in only).

_____ LOS analysis for any proposed access connection onto a State Highway.

_____ Accident analysis per Section VI., 1/10 mile on either side of proposed access point.

VI. **Mitigation Recommendations Necessary to Help Relieve Impacts to Satisfy WSDOT and COUNTY of Snohomish Interlocal Agreement:**

_____ Correct any LOS deficiencies.

_____ Provide frontage improvements and/or channelization revisions.

_____ Pro-rata share contribution based on daily trips to all State projects.

_____ Transfer of right of way.

_____ Assessment of clear zone if widening State Highway.

Exhibit "B"

Interlocal Agreement—COUNTY of Snohomish /WSDOT

Page 3 of 4

_____ Any proposed changes to state highway channelization will require submittal of complete channelization plan for State's review and approval. The channelization plan must be prepared according to the state channelization checklist (Exhibit "D").

_____ Possible shared mitigation measures with other developers.

VII. **Miscellaneous:**

_____ Two (2) copies of Traffic Analysis.

_____ Traffic Analysis report must be signed and stamped by a professional engineer.

NOTE 1. Following the review of the traffic study, the State may request supplemental information and analysis as necessary to determine the impacts of the development. Supplement information may include explanatory information, detailed documentation or further analysis to clarify or expand on data provided in the traffic study. The requests for supplemental information will be made by the STATE to the COUNTY. The COUNTY will determine if the requested information is reasonable necessary to fairly and accurately determine the developments' impacts, and if so, the COUNTY will then request the supplemental information from the developer.

NOTE 2. WSDOT Developer Services Section is available to be contacted directly by developers and their constituents for specific scoping request, or any other required input.

Prepared by: _____ Date: _____

Name: _____

Company: _____