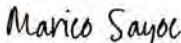
 <div style="display: inline-block; vertical-align: middle;"> <p>TOWN OF <b>LOS GATOS</b> CALIFORNIA</p> </div> <div style="display: inline-block; vertical-align: middle; background-color: #808000; color: white; padding: 10px; text-align: center;"> <p><b>COUNCIL POLICY MANUAL</b></p> <p><i>Small Town Service    Community Stewardship    Future Focus</i></p> </div>		
<b>TITLE:</b> Transportation Impact Policy		<b>POLICY NUMBER:</b> 1-08
<b>EFFECTIVE DATE:</b> January 4, 1988		<b>PAGES:</b> 37
<b>ENABLING ACTIONS:</b> 1991-174; 2014-017, 2016-068; 2017-011		<b>REVISED DATES:</b> 8/5/91; 3/24/14; 12/6/16; 3/21/17; 12/07/2021
<b>APPROVED:</b> <div style="border: 1px solid black; padding: 5px; display: inline-block;"> <small>DocuSigned by:</small>    <small>17D41F4DB5F744F...</small> </div>		

## PURPOSE

To provide guidance to Town staff and the development community in implementing the provisions of the Town Municipal Code, Chapter 15, Article VII, Traffic Impact Mitigation Fees, and evaluating and mitigating California Environmental Quality Act (CEQA) transportation impacts.

## SCOPE

This Policy is applicable to all land use entitlements, land use projects, and transportation improvements Town-wide.

## POLICY

### I. GENERAL CONDITIONS AND APPLICABILITY

1. Projects that are determined by the Town to generate one or more new net Average Daily Trips (ADT) are subject to this Policy.
2. An Accessory Dwelling Unit (ADU) shall be exempted from the requirements of Transportation Analysis and the Traffic Impact Fees.
3. The Town Council may exempt housing developments for very low, low, and moderate income residents (as defined by Town Ordinance, General Plan, or statute) from all or a portion of the traffic impact mitigation fee upon making a finding that the development provides a significant community benefit by meeting current needs for affordable housing.

<b>TITLE:</b> Transportation Impact Policy	<b>PAGE:</b> 2 of 37	<b>POLICY NUMBER:</b> 1-08
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4. Attachment 1 - Transportation Analysis (TA) Guidelines establish a process to comprehensively and accurately analyze potential project effects (adverse and beneficial) on transportation facilities and services in the Town of Los Gatos and other jurisdictions. The TA Guidelines serve three primary purposes:
  - Provide an evaluation for the California Environmental Quality Act (CEQA) significant impacts and mitigation as a part of the environmental analysis process.
  - Evaluate a project's consistency with the Town's General Plan.
  - Evaluate a project's consistency with the Santa Clara County Congestion Management Program (CMP).

## **II. TRANSPORTATION IMPACT FEES**

1. All Projects that generate one or more new Average Daily Trips are required to pay Transportation Impact Fees, previously known as Traffic Impact Mitigation Fees.
2. All required Transportation Impact Fees shall be paid in full to the Town in association with and prior to issuance of a building permit. If no building permit is required, the fee shall be paid in full prior to issuance of a certificate of use and occupancy, or similar entitlement. The amount due shall be calculated based on the fee in place as approved by the Town Council by resolution at the time the fee is paid.
3. The per trip amount of the fee shall be as set forth by the Town Council by resolution, pursuant to Town Municipal Code, Chapter 15, Article VII, Traffic Impact Mitigation Fees.
4. Fees shall be calculated by multiplying net new ADT by the per trip amount in place at the time the fees are paid.
5. Credit against Transportation Impact Fees due shall be granted up to the amount of the Estimated Project Cost shown on Attachment 2, Town of Los Gatos Traffic Mitigation Improvements Project List, for any listed projects for which the developer, as a condition of approval, is required to either construct at the developer's sole cost or contribute a fixed or percentage amount of funding toward future construction of the listed improvement. Where construction is fully funded and completed by the developer, said credit shall be equal to the Project Cost as shown in Attachment 2. Where payment is a fixed amount or a percentage of Project Cost, credit shall be equal to the actual amount due, whether the project is constructed by the developer or others.

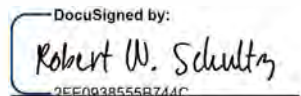
<b>TITLE:</b> Transportation Impact Policy	<b>PAGE:</b> 3 of 37	<b>POLICY NUMBER:</b> 1-08
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6. No credit shall be given for any public right-of-way dedication required for completion of projects listed on Attachment 2.
7. Credit will be given on a case-by-case basis and shall not exceed the impact fee payable. Any request for credit shall be made prior to the payment of the Transportation Impact Fees. No credit shall be given for installation of Town-standard frontage improvements, Project access improvements, or internal circulation improvements.
8. Credit shall only be granted for payment of costs or construction of projects listed in Attachment 2, unless otherwise approved by the Town Council.

### **III. VEHICLE MILES TRAVELLED MITIGATION MEASURES**

1. To mitigate VMT impacts, the project shall be conditioned for implementation of mitigation measures in the following categories:
  - Modify the project's built environment characteristics to reduce VMT generated by the project;
  - Implement transportation Demand Management (TDM) measures to reduce VMT generated by the project; and/or
  - Participate in a VMT fee program and/or VMT mitigation exchange/banking program (if they exist) to reduce VMT from the project or other land uses to achieve acceptable levels.
2. The Town is taking a Townwide approach for VMT impact mitigation. Attachment 3, VMT Reduction Actions for the Town of Los Gatos, provides a framework for mitigating VMT in the Town.

APPROVED AS TO FORM:

DocuSigned by:  
  
 2EE0938556B744C  
 Robert Schultz, Town Attorney

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# Town of Los Gatos

## Transportation Analysis Guidelines

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# 1. Introduction

Transportation Analysis (TA) Guidelines are routinely established by jurisdictions to assess potential transportation effects of proposed projects on the local transportation system. These guidelines are intended to provide a clear and consistent technical approach to evaluating both land use and transportation infrastructure projects within Los Gatos.

These guidelines establish a process to comprehensively and accurately analyze potential project effects (adverse and beneficial) on transportation facilities and services in the Town of Los Gatos and other jurisdictions. This information is essential for decision-makers and the public when evaluating land use development and transportation infrastructure projects. These TA Guidelines serve three primary purposes:

- Provide an evaluation for the California Environmental Quality Act (CEQA) significant impacts and mitigation as a part of the environmental analysis process.
- Guide the Local Transportation Analysis in evaluating a project's consistency with the Town's General Plan Mobility Goals.
- Evaluate a project's consistency with the Santa Clara County Congestion Management Program (CMP).

## 1.1 Intent of TA Guidelines

The Town of Los Gatos General Plan 2040 seeks to “provide a well-connected transportation system that enables safe access for all transportation modes, including pedestrians, bicyclists, motorists, and transit riders of all ages and abilities.” The TA Guidelines support this goal by evaluating new projects against the policies of the latest General Plan.

For CEQA-based environmental analysis, these TA Guidelines incorporate the use of vehicle miles traveled (VMT) to disclose the effects of the project on the surrounding environment. Town staff completed an SB 743<sup>1</sup> implementation process, which included the preparation of the *SB 743 Implementation for the Town of Los Gatos* (July 2020) document package. The document package provides detailed technical information pertaining to the options and data considered by the Town of Los Gatos to implement VMT as an impact criterion.

The TA Guidelines present the Town's approach for determining the need for a transportation analysis, its content, and identifying acceptable transportation improvements for land use and transportation projects proposed within Los Gatos. The TA Guidelines establish a transportation analysis protocol for the following:

- Environmental analysis

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<sup>1</sup> Senate Bill 743 (SB 743) changed some of the transportation significance criteria under the California Environmental Quality Act (CEQA). Specifically, vehicle level of service (LOS) is no longer used as a determinant of significant environmental impacts, and a vehicle miles traveled (VMT) analysis is required.

- General Plan consistency
- Congestion Management Program (CMP) evaluation
- Mobility deficiency criteria and thresholds
- Guidance on acceptable transportation improvements

Town staff will review transportation studies and reports based on the process presented in the TA Guidelines. However, each project is unique, and the TA Guidelines are not intended to be prescriptive beyond practical limits. Not all criteria and analyses described in the TA Guidelines will apply to every project. Early and consistent communication with Town staff is encouraged to confirm the type and level of analysis required for each study.

## 1.2 Environmental Evaluation

The TA Guidelines outline the methods and thresholds with which to evaluate projects consistent with the latest *CEQA Statue & Guidelines*.

The latest *CEQA Statue & Guidelines* include revised Appendix G Checklist questions for transportation impact evaluation. The four questions are as follows:

Would the project:

- Conflict with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities?*
- Would the project conflict or be inconsistent with CEQA Guidelines Section 15064.3, subdivision (b)?*
- Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?*
- Result in inadequate emergency access?*

## 1.3 Project Types

A TA is prepared for a project before a discretionary action is taken. The following types of projects, which involve development activity or infrastructure changes in and around the Town of Los Gatos and affect the adjacent transportation system, should be evaluated for TA requirements.

- **Land use entitlements** or changes in use requiring discretionary approval by Los Gatos, which include General Plan amendments, specific plans (and related amendments), zoning changes, use permits, planned developments, and tentative subdivision maps; or any modifications of use that would generate 20 or more new Peak Hour (vehicle) Trips or at the discretion of the Town's Traffic Engineer
- **Land use activity** advanced by agencies other than Los Gatos that is subject to jurisdictional review under state and federal law, such as school districts, Santa Clara Valley Transportation Authority (VTA) Board of Directors, and others; or advanced within Los Gatos by agencies other than the Town and inconsistent with the Town's General Plan.

- **Transportation infrastructure modification or expansion**, including capital improvement projects on Town roads, county roads, and state highways that may impact Town facilities and services.

#### 1.4 CEQA and Non-CEQA Terminology

To distinguish the CEQA analysis from the non-CEQA analysis (i.e., the local transportation analysis) the analyses apply different terminologies as summarized below in **Table 1**.

<b>Table 1: Comparison of Select CEQA and Non-CEQA Terms</b>	
<b>CEQA Term</b>	<b>Non-CEQA Term</b>
CEQA Transportation Analysis	Local Transportation Analysis
Significance criteria	Threshold or performance standard
Significant impact	Deficiency
Mitigation measure	Mitigation improvement
Baseline Conditions	Existing Conditions and Background Conditions
Future Year Cumulative Conditions	Cumulative Conditions

## 2. Determining the Level of Transportation Analysis

Unless explicitly waived by the Town, a TA may be required when any one of the following conditions is met.

- A project has the potential to create a significant transportation environmental impact under CEQA.
- A project has the potential to generate daily vehicle miles traveled greater than the Town's General Plan future year VMT projections.
- For local transportation analysis, a project has the potential to generate 20 or more new Peak Hour (vehicle) Trips.
- A project that is not consistent with the development density established by existing zoning, community plan, or general plan policies for which an environmental impact report (EIR) was certified, per *CEQA Statue & Guidelines Section 15183*.
- A project will alter physical or operational conditions on a Town pedestrian facility, bicycle facility, transit facility or service, or other transportation facility.
- An Accessory Dwelling Unit (ADU) shall be exempted from the requirements of Transportation Analysis and the Transportation Impact Fees.



In general, a TA is applicable for two to five years. After two or more years of inactivity, a TA may need to be updated to reflect changes in the study environment, including traffic growth and other circulation issues.

Nothing in the Transportation Impact Policy shall prohibit or restrict a Project applicant from completing a local transportation study for a Project anticipated to generate less than 20 new Peak Hour trips.

## 2.1 CEQA Relief for Projects Consistent with General Plan or Zoning

Per *CEQA Statue & Guidelines Section 15183*, projects consistent with a general plan, zoning action, specific plan, and certified environmental impact report (EIR) would not require additional environmental review, except as might be necessary to examine whether there are project-specific significant effects. Additionally, projects consistent with a general plan, zoning action, or specific plan where cumulative impact(s) were adequately addressed in a prior EIR would not require further CEQA transportation analysis.

## 2.2 CMP Consistency Screening

Projects should reference the most recent *VTA Transportation Impact Analysis (TIA) Guidelines* to determine the need for a transportation impact analysis. In most cases, projects that generate fewer than 100 net new peak hour vehicle trips are not required to conduct VTA's CMP transportation analysis.

## 2.3 Recommended Process and Documentation

In coordination with Town staff, the project applicant shall retain a transportation professional to conduct the TA. The transportation consultant should seek Town acceptance of the scope of work before initiating the analysis. In some cases, review by other affected jurisdictions will be required. **Appendix A: Transportation Analysis Report Format Outline** contains a recommended outline for the TA document.

Each TA will begin by preparing a scope of work that describes the project description, site location, analysis methods, area-wide assumption, study elements, study time periods, and traffic data collection methods. To finalize a TA scope of work for the local transportation analysis, the project applicant will provide an estimate of the project trip generation and trip distribution. These estimates and scope of work should be shared with Town staff to finalize the scope of services. Overall, the TA report will address: 1) environmental analysis, 2) project site access and circulation, and 3) other transportation impacts and traffic deficiencies.

## 2.4 Contact with Appropriate Town Staff

To minimize the potential for delays in project processing, it is important for the TA to be prepared in coordination with Town staff. Timely coordination will also ensure that potential transportation improvements and environmental consequences are considered as early as

possible in the planning process, as deficiencies and corresponding improvement costs can have a substantial effect on project costs. Coordination should include the following:

- A pre-application meeting, which will include a discussion of the TA requirements.
- Development of an approved scope of work, which includes trip generation, study area, analysis scenarios and parameters, data requirements, and provisions for pedestrians, bicyclists, and transit users.
- Approval of the project trip generation (person and vehicle) and trip distribution.
- Review of all assumptions and the results of Existing Conditions analysis.
- Review of the administrative draft report, with adequate time for comments.
- Review of a draft report, with adequate time for comments.

If the TA report information will be incorporated into the transportation and circulation section of an environmental document (e.g., Initial Study, Mitigated Negative Declaration, or Environmental Impact Report), the format of this report may need to be discussed with the environmental consultant, a peer reviewer, and/or Town staff. Upon circulation of the draft environmental document, the format of the final TA report may need to be discussed with the environmental consultant.

## 2.5 Consultation with Other Jurisdictions

If the study area overlaps with other jurisdictions, staff from other jurisdictions must be consulted to verify study locations, the impact significance criteria, and to consider any current development applications. Section 15086 of the *CEQA Statute & Guidelines*<sup>2</sup> shall be followed as the basis for satisfying consultation requirements. In most cases, overlap will occur for roadway system analysis, but may also include impact analysis of active transportation modes (bicycling and walking), as well as transit system facilities and services.

## 2.6 Project Trip Generation and Trip Reductions

Person and vehicle trip generation rates are a way to estimate the number of expected pedestrian, bicycle, transit, and vehicle trips that a proposed development will generate. These rates establish the basis of analysis for a proposed project and its effects on the transportation network. Person trip generation should be reported for walking, bicycle, and pedestrian trips, and vehicle trip generation should be reported for single-occupant, and carpool.

Methodologies to estimate project trip generation and trip reductions shall be prepared consistent with the latest *VTA TIA Guidelines*, with the exceptions described in this document.

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<sup>2</sup> *California Environmental Quality Act Statute & Guidelines*, 2020.

### 2.6.1 Vehicle Trips

Consistent with the *VTA TIA Guidelines*, pass-by trips shall not be considered in calculating the 20 new Peak Hour Trip threshold that triggers the requirement for conducting a comprehensive local transportation analysis report.

The Institute of Traffic Engineers (ITE) *Trip Generation Manual* trip generation rates for Specialty Retail Center shall apply to all Specialty Retail.

Uses within the Central Business District (C-2 Zone) are expected to change periodically as part of the natural business cycle. For the purpose of Transportation Impact Fees, changes in use without changes in net building square footage within the C-2 Zone shall not be considered to create a traffic deficiency, shall be exempt from this policy, and no fees shall be charged for a change in use. Any increases in building square footage shall pay impact fees at the ITE Shopping Center rate or comparable equivalent rate for the expanded area, as determined by the Town Traffic Engineer.

The Town reserves the right to require the project sponsor to conduct local trip generation surveys for select projects, depending on land use and conditions in the field.

### 2.6.2 Person Trips

Person trip generation rates should be developed from empirical studies, person travel survey data, or conversion of vehicle trip rates to person trip rates using a vehicle occupancy factor. In addition, person trip generation by mode may be derived using an approved analysis tool that incorporates data from local trip generation surveys or published trip generation rate data.

### 2.6.3 Establishing Trip Generation Rates for an Unspecified Use

For projects where the ultimate land use is not certain (for example, a large subdivision of flexible commercial-industrial parcels), there are two options for establishing the trip generation rates.

- Option 1: Town staff will recommend the use of the highest traffic intensity among all permitted uses to establish traffic deficiencies.
- Option 2: Estimates can be made using a lower traffic intensity use if the Town and developer establish a maximum trip allowance. Once a proposed land use has been identified, then: 1) the subdivision trip generation allowance must be monitored by the Town as development occurs; and 2) the TA report may need to be updated.

### 2.6.4 Credit for Existing Trips – Local Analysis

The estimate of new trips generated by the proposed development project may include credit for trips associated with existing uses on the site. Uses are considered as existing if they are actively present on the project site at the time that data is gathered for the transportation impact analysis. Similarly, if a planned (but not constructed) use was already permitted for the site and an improvement(s) was identified and funded, the new TA only needs to assess the

effects of additional trips above and beyond the trips for the permitted use. Additionally, certain commercial land uses attract vehicle traffic that currently exists on the roadway, rather than generating new trips.

Understanding there are permitted reductions that may be taken under the circumstances listed above, the Town requires that any reductions in project vehicle trip generation are applied according to the latest *VTA TIA Guidelines*.

In calculating new Peak Hour Trips for purposes of determining whether or not a TA report is required pursuant to this Policy, trip credit shall be granted for an existing use or the most recent former use.

In calculating new Average Daily Trips for purposes of determining the amount of the Transportation Impact Mitigation Fee due, trip credit shall be granted for an existing use or the most recent former use.

Where the property is vacant, the most recent former use shall be used.

Where a portion of the space is changing use, credit will apply to the proportionate square footage of the space under review.

Where the change in use results in fewer trips than the existing or former use, no credit or refund will be due the applicant.

#### 2.6.4 Credit for Existing Trips – VMT Analysis

For the evaluation of vehicle miles of travel, VMT credit for the prior use depends on how the project changes the baseline condition, if the project sponsor had ownership and control of the previous land use, and the reason for stopping the previous land use. Baseline conditions are typically defined at the beginning of an environmental analysis and a CEQA analysis needs to isolate the effects of the project to clearly define the project's effect on the baseline condition. To receive VMT credit, the project sponsor needs to demonstrate continuous ownership of site, with on-site occupancy paused only due to the redevelopment activity and not because of some economic or other condition outside the control of the project sponsor. However, this credit should only be applied to total project generated VMT and should not be included when calculating a VMT rate.

#### 2.7 Vehicle Miles Traveled Methods

Although the calculation of VMT is simply the number of cars multiplied by the distance traveled by each car, VMT performance measures can be reported differently. At a minimum, the VMT analysis for Los Gatos will be prepared for two purposes:

- Greenhouse gas and air quality analysis using project generated VMT on a VMT per service population basis (residents + employment).
- Environmental evaluation by land use and/or transportation project.

The project generated VMT from new population and employment growth and the boundary (total) VMT for a specific geographic area will be prepared using the latest Santa Clara Valley Transportation Authority (VTA)-City/County Association of Governments of San Mateo County (C/CAG) Bi-County Model ("VTA Travel Model"). Because emissions rates vary by vehicle speed, the project generated VMT and total VMT should be disaggregated by speed bin (typically in five mile an hour increments of speed from 0 to ~80 miles per hour) to allow different emissions factors to be applied at different speeds, which allows for the preparation of a more refined emissions analysis.

### 3. Transportation Analysis (CEQA) for Land Use Projects

For an environmental analysis, these TA Guidelines incorporate the use of vehicle miles traveled (VMT) to disclose the effects of the project on the environment. Town staff completed an SB 743 implementation process, which included the preparation of the *SB 743 Implementation for the Town of Los Gatos* (July 2020) document package. The document package provides detailed technical information pertaining to the options and data considered by the Town of Los Gatos to implement VMT as an impact criterion.

At its November 17, 2020 meeting, the Town Council adopted Resolution 2020-045, Designating the Use of Vehicle Miles Traveled as the Metric for Conducting Transportation Analyses Pursuant to the California Environmental Quality Act and Establishing the Thresholds of Significance to Comply with California Senate Bill 743.

The *CEQA Statute & Guidelines* allow exemptions to projects meeting certain criteria. Project applicant may review the exemptions before preparing CEQA analysis for projects.

Based on the Town's implementation of SB 743, the following methods should be used to determine VMT impact thresholds and mitigation requirements for land use projects.

#### 3.1 VMT Analysis Methods

The Town elected to conduct a complete VMT analysis consistent with the General Plan future year VMT projections based on long-term expectations for air quality and GHG expectations as part of its General Plan EIR, so that it could make specific use of *CEQA Statute & Guidelines* Section 15183 to streamline project-specific CEQA analysis that is consistent with its General Plan and other Town documents. For the Town of Los Gatos, addressing transportation VMT impacts in the Town General Plan EIR is a useful way of understanding VMT impacts and how VMT reduction should be balanced against other community values related to the environment, social justice, and the community. By conducting a Town-wide VMT impact analysis, the Town is able to develop a program-based VMT mitigation approach. The concept of a 'program' approach to impact mitigation is commonly used in a variety of technical subjects, including

transportation, air quality, GHG, and habitat. Absent a new program-level VMT mitigation approach, there are limited feasible mitigation options for project sites, and as a result limited ability to reduce VMT. Also, practically speaking, without feasible mitigation, significant VMT impacts would be significant and unavoidable (SAU). Under these circumstances, a project must prepare an EIR, thus adding time and cost to environmental review compared to an initial study/negative declaration (IS/ND) that relies on streamlining offered in the *CEQA Statute & Guidelines*.

Should a project not be consistent with the General Plan, or for some other reason unable to benefit from streamlined CEQA review under *CEQA Statute & Guidelines* Section 15183, the following sections provide details on how to conduct a complete VMT analysis for land use plans and projects in the Town of Los Gatos.

### 3.1.1 Regional Transportation Plan/Sustainable Communities Strategy and General Plan Consistency

The first step in assessing project impacts is to determine if the project land use is contained within the Town of Los Gatos residential and non-residential land use allocations in the current Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS), and if the project is consistent with the latest General Plan. If the project is not consistent with the RTP/SCS and/or the latest General Plan, amendments to those documents or the project would be needed prior to proceeding with the project review.

### 3.1.2 VMT Assessment

Projects not consistent with the current RTP/SCS or the latest General Plan are required to complete a VMT analysis using the VTA Travel Model to determine if there would be a significant VMT impact. The tools and methodology of the VMT analysis shall be approved by PPW Director (or Traffic Engineer). The impact analysis includes two types of VMT:

1. **Total Project Generated VMT** – Daily VMT of all vehicle trips, vehicle types, and trip purposes for all project land uses, presented as a total project generated VMT.
2. **Project's Effect on VMT within the Town of Los Gatos.** VMT that occurs within the Town of Los Gatos by any type of vehicle. This captures all on-road vehicle travel on a roadway network for any purpose, and includes local trips as well as trips that pass through the area without stopping.

If the land use control totals increase between the without and with project conditions in the travel model, these VMT metrics will need to be expressed on a per service population (residents, employees, and other populations generating the VMT) basis to understand the effects of the project between scenarios.

The types of VMT analysis are evaluated for the following scenarios:

- **Baseline Conditions** – Conditions in the baseline year for the CEQA analysis, which is most often chosen as the time of notice of preparation (NOP) of an environmental document, but may be chosen as the baseline year of the VTA Travel Model, if land use and transportation network conditions can be considered largely unchanged between the model baseline year and the date of the NOP. For compliance with the *CEQA Statute & Guidelines* Section 15125(a), the transportation impact analysis must include a description of the physical environmental conditions near the project, as they exist at the time the NOP is published, or if no NOP is published, at the time environmental analysis is commenced, from both a local and regional perspective. Baseline VMT estimates will be prepared using the most recent base year VTA Travel Model.
- **Baseline with Project Conditions** – The project land use is added to the project Transportation Analysis Zone (TAZ), or a separate TAZ may be created to contain the project land uses. A full model run is performed and VMT changes (by metric of choice) are isolated for the project TAZ and across the full model network. The model output must include reasonableness checks of the production and attraction balancing to ensure the project effect is accurately captured. If this scenario results in a less-than-significant impact, then additional cumulative scenario analysis may not be required.
- **Future Year Cumulative Conditions** – Conditions requiring an RTP/SCS and/or General Plan amendment are also required to evaluate the project effect on VMT under Future Year Cumulative Conditions. This scenario buildout of the region's land use and transportation system also provides the long-range view of future travel patterns. Future Year Cumulative Conditions VMT estimates should be based on the horizon year of the most recent VTA Travel Model, ensuring the model does not already contain the land uses or transportation improvements associated with the project.
- **Future Year Cumulative with Project Conditions** – The project land use is added to the project TAZ, or a separate TAZ is created to contain the project land uses. The addition of project land uses may be accompanied by a reallocation of a similar amount of land use from other TAZs throughout the model area (focusing on Santa Clara County), especially if the proposed project is significant in size such that it would potentially reduce the potential for development throughout the rest of the model area. Land use projects will generally not change the Future Year Cumulative Conditions control totals for population and employment growth within the model area. Instead, they will influence the land use supply through changes in General Plan land use designations and zoning. If project land uses are simply added to the Future Year Cumulative Conditions scenario, then the analysis should reflect this limitation in the methods and acknowledge that the analysis may overestimate the project's effect on VMT. A full model run is performed and VMT changes (by metric of choice) would be isolated for the project TAZ and across the full model network. The model output must include reasonableness checks of the production and attraction balancing to ensure the project effect is accurately captured.

The model output should include the two VMT metrics listed earlier: 1) total project generated VMT, and 2) project's effect on VMT using the total boundary VMT. Emissions vary by speed bin; disaggregating VMT by speed bin allows different emissions factors to be applied at

different speeds, which allows for the preparation of a more refined emissions analysis. The total boundary VMT is needed as an input for air quality, greenhouse gas (GHG), and energy impact analysis, while the project generated VMT metrics are used for the transportation impact analysis.

Both “with project” scenarios noted above will summarize the two types of VMT and be compared to the without project condition.

Project generated VMT should be extracted from the VTA Travel Model by combining either the origin-destination (for total VMT) or production-attraction (for the other metrics) trip matrices and congested skims (travel distances for each origin-destination pair in the travel mode) from final assignment. The VMT should be adjusted to reflect trips that extend beyond the model boundary. The project’s effect on VMT should be estimated using the Town limit boundary and extracting the total link-level VMT for both the without and with project conditions. Additional VMT metric specifications may be found in the *SB 743 Implementation for the Town of Los Gatos* (July 2020) document package.

If a project is mixed-use (i.e., composed of both residential and retail/office uses), project generated VMT should be extracted for both the total VMT and VMT per service population (residents and employees).

### 3.2 VMT Significance Thresholds

The Town Council adopted Resolution 2020-045, Designating the Use of Vehicle Miles Traveled as the Metric for Conducting Transportation Analyses Pursuant to the California Environmental Quality Act and Establishing the Thresholds of Significance to Comply with California Senate Bill 743. The thresholds balance the Town’s priorities with respect to competing objectives, including Los Gatos’s geographic and transportation context, greenhouse gas reduction goals, interest in achieving the state’s greenhouse gas reduction goals, and the latest General Plan goals and policies related to land use mix, economic development, and housing provision.

VMT analyses shall evaluate a project’s VMT impacts based on the thresholds established in the latest Council-adopted resolution.

### 3.3 VMT Mitigation Measures

To mitigate VMT impacts, the project shall be conditioned for implementation of mitigation measures in the following categories::

1. Modify the project’s built environment characteristics to reduce VMT generated by the project;
2. Implement transportation Demand Management (TDM) measures to reduce VMT generated by the project; and/or
3. Participate in a VMT fee program and/or VMT mitigation exchange/banking program (if they exist) to reduce VMT from the project or other land uses to achieve acceptable levels.



The Town is in the process of updating the General Plan and the Draft Environmental Impact Report (DEIR) for the 2040 General Plan was released for public review in July 2021. The 2040 General Plan DEIR identifies significant but unavoidable transportation impacts and the mitigation measures. The Town is taking a Town-wide approach for VMT impact mitigation. Attachment 3, VMT Reduction Actions for the Town of Los Gatos, provides a framework for mitigating VMT in the Town. Attachment 2, Transportation Mitigation Improvements Project List, has many improvements that are consistent with the VMT Reduction Strategies.

Evaluation of VMT reductions should be conducted using state-of-the-practice methods, recognizing that many of the TDM strategies are dependent on building occupant performance over time. As such, actual VMT reduction cannot be reliably predicted, and monitoring may be necessary to gauge performance related to mitigation expectations.

## 4. Transportation Analysis (CEQA) for Transportation Projects

Transportation Analysis for transportation projects shall follow the latest CEQA Guidelines and related technical advisories from the Governor's Office of Planning and Research (OPR).

The Thresholds of Significance for all transportation projects are established in the latest Council-adopted resolution.

Transportation projects that reduce, or have no impact on, vehicle miles traveled should be presumed to cause a less than significant transportation impact.

In 2020 Caltrans adopted its guidance under SB 743. The department's *Transportation Analysis Framework* and *Transportation Analysis for CEQA* provide guidance for assessing induced travel impacts from prospective projects on the State Highway System. CEQA analysis for proposed transportation projects on the State Highway System should also follow Caltrans guidance.

## 5. Transportation Analysis per the Town's Transportation Policies

The contents and extent of a local transportation analysis per the Town's General Plan depend on the location and size of the proposed development, the prevailing transportation conditions in the surrounding area, and questions from decision-makers and the public. The Town is committed to a well-connected transportation system that enables safe access for all modes of travel. The methods presented in this chapter include robust data collection and analysis techniques for pedestrian, bicycle, and transit networks, in addition to vehicle circulation.

The local transportation analysis shall be prepared consistent with the latest VTA TIA Guidelines, with the exceptions described in this document.

## 5.1 Study Area

The study area is determined by evaluating the project location and how it may affect all transportation modes and facilities. It is not simply a map showing where the project is located. Rather, the study area is the area of influence of a project. Each local transportation analysis will consider the adjacent transportation system for site access and circulation of land development projects and street modifications for transportation projects. To properly assess the site access, the Town may require off-site intersection analysis and/or other multimodal analysis.

The study area may include the nearest CMP facility to evaluate the proposed project's conformity with the CMP facilities.

Applicants should consult with Town staff early regarding the need for a local transportation analysis based on local or site-specific issues, especially those related to pedestrians, bicyclists, and transit users.

## 5.2 Key Study Elements

The extent and complexity of a local transportation analysis will vary on the project attributes. **Table 2** summarizes the basic requirements for a local transportation analysis for every project requiring a complete transportation analysis. Specific significance criteria for each of the listed elements are described in further detail in *the Transportation Analysis (CEQA) for Land Use Projects* and *Transportation Analysis (CEQA) for Transportation Projects* sections. To avoid substantial off-site improvements or changes to the project site plan/description after the transportation analysis is completed, a preliminary site plan shall be included for a "fatal flaw" evaluation.

<b>Table 2: Local Transportation Analysis – Evaluation Criteria</b>	
<b>Study Element</b>	<b>Evaluation Criteria</b>
<b>General Plan Consistency</b>	Evaluate the project against goals, policies, and actions set forth in the latest General Plan and other applicable Town plans.
<b>Parking</b>	Compare the project parking plan with Town and local specific plan standards and discuss how the proposed supply will affect demand for walking, bicycling, and transit modes. If a mix of land uses is proposed on site, or complements adjacent land uses, justify how the development will make use of shared on-site parking.
<b>On-Site Circulation</b>	Review and evaluate site access locations, turning radii, truck loading areas, emergency access, and other site characteristics with respect to operations and safety for all modes of transportation.
<b>Pedestrian Facilities</b>	Identify any existing or planned pedestrian facilities that may be affected by the project. Document how the project will affect local pedestrian circulation (e.g., disclose how widening a road or adding a driveway will affect pedestrian safety and walking time).

<b>Table 2: Local Transportation Analysis – Evaluation Criteria</b>	
<b>Study Element</b>	<b>Evaluation Criteria</b>
<b>Bicycle Facilities</b>	Identify any existing or planned facilities that may be affected by the project.
<b>Transit</b>	Identify any existing or planned transit facilities that may be affected by the project. If appropriate, document how the project improves access to or utilization of transit. For system planning, use crush load as capacity, not seated capacity.
<b>Safety Assessment</b>	Evaluate project trips added to safety enhancement projects within the study area that are proposed as part of other future safety studies by the Town or other agencies.
<b>Trucks (or Other Large Vehicles)</b>	For relevant industrial projects, identify the number of truck trips that will be generated, and design facilities necessary to accommodate these trucks.
<b>Automated Vehicles or Transportation Network Company Pick-up/Drop-Off</b>	For projects where automated vehicles and/or transportation network companies may have a large concentration of pick-up/drop-off, the project site circulation and pick-up/drop-off areas must be reviewed to identify opportunities and constraints of the project site. Modifications to the site circulation and/or pick-up/drop-off may be recommended.
<b>Off-Site Traffic Operations</b>	All roadway facility analysis and Level of Service should be conducted using the latest version of the <i>Highway Capacity Manual</i> (HCM).
<b>Intersection Traffic Control</b>	Evaluate unsignalized intersections located within the study area to determine appropriate traffic control. Analysis should include documentation of the appropriateness of a roundabout as an alternative or replacement to a traffic signal.
<b>Other Issues</b>	Consider other issues on a case-by-case basis (e.g., construction deficiencies, queuing between closely spaced intersections, emergency access, special event traffic)
<b>Other Jurisdictional Requirements</b>	In situations where several agencies must approve a development or are responsible for affected roadways, the applicant must contact lead and responsible agencies to determine issues to be addressed, scope of study, etc. In general, the applicant will be responsible for analyzing project impacts against appropriate jurisdictional thresholds; however, the analysis method will be determined by the Town in compliance with CEQA, and the impacts will be mitigated consistent with Town standards.

### 5.3 Data Collection

Accurate data is essential to achieve a high level of confidence in local transportation analysis results. Existing transportation data shall be collected using the requirements set forth below. Data should be presented on maps or figures where appropriate. To address the specific needs of each project, the extent of data collected shall be at the discretion of Town staff.

- **Pedestrian/Bicycle Facilities** – Document the existing pedestrian and bicycle facilities serving the project site. Elements will include presence and width of sidewalks, curb ramps, crosswalks, or other pedestrian facilities providing access to the nearest attractors of the project site, such as transit stops, neighborhood attractors and/or complimentary land uses, and bicycle facilities (e.g., routes, lanes, or shared-use paths) within a two-mile bicycling distance of the project site. Document barriers, deficiencies, and high pedestrian-demand land uses, including schools, parking, senior housing facilities, and transit stops or centers. The report will note any deficiencies or enhancements planned or recommended in the latest General Plan or future planning documents.
- **Transit Facilities and Ridership** – Document transit lines nearest to the project site, including stop locations, frequency of service, and any capacity issues. It will also describe transit stop amenities (e.g., benches, shelters, etc.).
- **Multimodal Peak-Period Turning Movement Counts** – Turning movement counts, including vehicles, bicycles, and pedestrians, will be collected for each study time period at all study intersections. The following parameters will be followed (fall and spring days while school is in session are preferred):
  - Data collection will cover at least two hours to ensure the peak hour is observed.
  - As applicable, 48-hour machine counts will be used to identify the peak period before conducting other counts or analysis.
  - Traffic volumes should not be influenced by a holiday, weather, construction, or other temporary change.
  - The percent of traffic that consists of heavy trucks will be noted/estimated during data collection.
  - Some projects may require vehicle classification or occupancy counts. Consult with Town staff on a case-by-case basis.
  - Traffic counts that are older than two years at study initiation will not be used without consultation and approval by Town staff. These counts may need to be adjusted to reflect current year traffic volumes.
- **Daily Traffic Counts** – Collect data for all study roadway segments using the parameters described above for peak period turning movement counts, with the exception of bicycle and pedestrian volumes. Daily counts are used to size facilities (e.g., 2-lane vs. 4-lane) and to identify temporal changes in traffic.
- **Roadway Geometry** – Document existing roadway and intersection geometries and lane configurations. Information from aerial photography and street views should be verified based on a site visit(s).
- **Intersection Controls and Signal Timings** – For use in intersection analysis, intersection control types and signal timings and phasing should be based on signal timing sheets (available from Los Gatos or Caltrans) and verified during site visits.
- **Five-Year Collision Data** – Obtain Statewide Integrated Traffic Records System (SWITRS) through the local California Highway Patrol or through the following web site: [www.chp.ca.gov/switrs](http://www.chp.ca.gov/switrs).

- **Mode Split** – Summarize daily and peak hour mode split for the study area land uses. Data could include U.S. Census journey-to-work data, empirical surveys, or any other available surveys.

#### 5.4 Project Site Access and Circulation Review

A detailed site plan review is required for all projects. The local transportation analysis should include a review and summary of findings of the following qualitative and quantitative features.

- Consideration of roundabouts are encouraged. Conduct roundabout analysis as required by Town staff.
- Existence of any current traffic problems in the local area, such as a high-collision location, non-standard intersection or roadway, or an intersection in need of a traffic signal or a roundabout.
- Applicability of context-sensitive design practices compatible with adjacent neighborhoods or other areas that may be impacted by the project traffic.
- Proximity of proposed site driveway(s) to other driveways or intersections.
- Adequacy of the project site design to convey all vehicle types.
- Number and type of parking provided, including vehicle and bicycle parking.
- On- and off-street loading requirements.
- Adequacy of on-site vehicle, bicycle, and pedestrian circulation and provision of direct pedestrian paths from residential areas to school sites, public streets to commercial and residential areas, and the project site to nearby transit facilities.

An important aspect of a TA is to provide sufficient information for the Town to determine that a project is consistent with the latest General Plan and other applicable Town policies, plans, and standards. As such, individual projects must be reviewed against relevant policies contained in the latest General Plan or other plans and policies. Applicants should review the full policy statements in the latest General Plan Mobility Element.

If the study area extends into an adjacent jurisdiction, the applicant may be responsible for analyzing project generated operational impacts in these jurisdictions. These include intersection or segment locations in any other jurisdiction, including Caltrans-maintained facilities. The applicant shall refer to current policies in the respective jurisdiction to identify the appropriate significance criteria.

#### 5.5 Analysis Scenarios

The range of scenarios includes Existing Conditions, Background Conditions, and Cumulative Conditions. Projects consistent with the latest General Plan will only be required to complete the Existing and Background conditions analysis; where Existing Conditions looks at the effect of the proposed project on the existing system within the next year or two, Background Conditions typically looks at a longer time frame of about three to five years. Inclusion of all three analysis conditions (e.g., Existing, Background, and Cumulative), would typically occur for large development projects, General Plan amendments, specific plans (and related amendments), with Cumulative Conditions having a time horizon of 10 to 20 years.

The following analysis scenarios will document existing or future conditions, any deficiencies, and identify deficiencies that will result from the addition of the project. Each scenario will include a qualitative description of transportation facilities for all modes (and any planned enhancements), traffic volumes, and a quantitative analysis of intersection LOS. Key study elements are identified in the *Multimodal Analysis Methods* section of this chapter. Details regarding each local transportation analysis scenario are presented below.

- **Existing Conditions** – These conditions are based on recent field observations and recent traffic count data.
- **Existing with Project Conditions** – Traffic volume forecasts for roadway analysis reflecting Existing Conditions with traffic generated by the proposed project. For reuse or conversion projects, this may involve accounting for any existing use of the site that remains or will be removed. It should also qualitatively describe how the project will affect transportation for other modes, including compliance or relation to other Town documents.
- **Background Conditions** – Traffic volume forecasts for roadway segment and intersection analysis should reflect Existing Conditions with growth due to approved development that is expected to be operational before or concurrently with the proposed project. This scenario may not be needed if the study area has limited or no approved developments.
- **Background with Project Conditions** – This scenario represents the Background Conditions with vehicle trips added by the proposed project. It provides decision-makers and the public with a view of conditions with all recently approved development and physical improvements, including the proposed project.
- **Future Year Cumulative Conditions** – This scenario represents transportation conditions for all travel modes in the study area reflecting all approved projects, pending projects, or expected development of other areas of Los Gatos designated for growth under the latest General Plan or specific plan. In most cases, the project site will likely be vacant under this scenario. In some cases, this scenario may need to account for any existing uses on the site that could continue, and potential increases in development allowed by ministerial approvals.
- **Cumulative with Project Conditions** – This scenario represents the cumulative future transportation conditions with anticipated changes to the transportation system and the additions of project trips, and provides the long-range view of future traffic operations.

## 5.6 Analysis Time Periods

Based on the land use of the proposed project and upon consultation with Town staff, the study shall analyze traffic operations during the peak one hour of the following time periods:

- Weekday morning peak (7:00 – 10:00 AM)
- Weekday evening peak (4:00 – 7:00 PM)

For some projects, the Town may substitute or require additional peak hour analysis for the following time periods as approved or requested by the Town's Traffic Engineer:

- Weekday afternoon peak (2:00 – 4:00 PM)
- Friday evening peak (4:00 – 7:00 PM)
- Weekend midday peak (11:00 AM – 1:00 PM)
- Sunday or holiday evening peak (4:00 – 7:00 PM)

For example, retail commercial projects should evaluate operations for Saturday midday peak hour conditions, in addition to the standard weekday morning and evening peak periods. The determination of study time periods should be made separately for each proposed project, based upon the peaking characteristics of the project generated traffic and peaking characteristics of the adjacent street system and land uses.

## 5.7 Multimodal Analysis Methods

The report should provide a quantitative and/or qualitative evaluation of the project's potential adverse or beneficial effects on transportation facilities and services related to pedestrians, bicyclists, and transit users.

For some projects, more detailed multimodal analysis may be required. Such analysis shall be decided upon in consultation with Town staff and consider new tools, methods, and performance measures, such as those listed below.

- **Multimodal LOS** – The latest *Highway Capacity Manual* (6th Edition) contains methods for multimodal LOS.
- **Person Delay** – Simulation models can be used to measure system performance in terms of overall person-delay for all modes within a transportation network. This method provides a better decision-making tool for developing improvements to promote efficient movement of people, rather than a particular type of vehicle.
- **Safety Assessment** – Evaluate whether the project adds vehicle trips to a safety improvement identified within the study area. (If a project may affect a Caltrans facility, a safety assessment may be needed for CEQA purposes as well.)
- **Bicycle Level of Stress (LTS)** – Evaluate LTS for all bicycle facilities within a two-mile bicycling distance of the project site. There are several methods for evaluating LTS for bicycle facilities, which generally rely on street widths/number of vehicle lanes, vehicle speeds, daily volumes, and type of bicycle facility to evaluate “low stress” bike networks. The *Low-Stress Bicycling and Network Connectivity* (2012) report and the National Association of City Transportation Officials (NACTO) *Urban Bikeway Design Guide, Second Edition* (2014) contains methods for LTS.
- **Pedestrian Level of Stress (LTS)** – Evaluate LTS for all pedestrian facilities providing access to the nearest attractors (e.g., transit stops, neighborhood attractors and/or complimentary land uses) of the project site. Compared to bicycle LTS, there are parallel methods for calculating pedestrian comfort using best practiced from the NACTO *Urban*

*Street Design Guide* (2013) and pedestrian safety research. As with bicycle comfort, pedestrian comfort is based on a variety of factors ranging from the quality and presence of sidewalks to the conditions of the adjacent roadway (speed, number of travel lanes, frequency of trucks).

- **Activity Connectedness** – Travel time for each mode (e.g., walking, bicycles, transit, and vehicles) between the project and surrounding land uses can be used to gauge the degree of accessibility for a project. The Town desires to minimize travel time to necessary destinations while minimizing unnecessary vehicle travel. Tools such as geographic information systems or online tools (e.g., Index and Walk Score) can be used to gauge this measure specifically for walking. The main idea is to evaluate activity centers and destinations around projects to ensure that walk times to necessary destinations are minimized and the walking experience is comfortable.

## 5.8 Traffic Operations Analysis

Traffic operational deficiencies shall be analyzed using standard or state-of-the-practice professional procedures. The main issues related to traffic operations analysis are the method, input data, and assumptions. These three items influence the level of confidence and the associated level of defensibility of the local transportation analysis. For traffic operations, this requires following the procedures and techniques published in the most recent *Highway Capacity Manual* (HCM).

Traffic Operations Analysis should be conducted according to the latest *VTA Traffic Level of Service Guidelines*.

## 5.9 Mobility Deficiency Criteria

The overall guiding principal of the General Plan 2040 Mobility Element is to, “[p]rovide a well-connected transportation system that enables safe access for all transportation modes, including pedestrians, bicyclists, motorists, and transit riders of all ages and abilities.” Los Gatos evaluates each transportation mode to identify deficiencies. Local transportation analyses evaluate intersection operations focused on specific traffic issues such as queuing and safety. A greater emphasis is placed on pedestrian, bicycle, and transit facilities and services, in part to reduce traffic congestion and air quality impacts associated with automobile use. **Table 5** outlines deficiency criteria for each mode. The mobility deficiency criteria can be used to identify conflicts with existing or planned multimodal facilities.

<b>Table 5: Mobility Deficiency Criteria</b>	
<b>Study Element</b>	<b>Deficiency Determination</b>
<b>Parking</b>	Project increases off-site parking demand above a level required by the Town Zoning Code and/or desirable by the Town.
<b>On-Site Circulation</b>	Project designs for on-street circulation, access, and parking fail to meet Town standards. Where Town standards are not defined, industry standards [ <i>Highway Design Manual</i> , <i>California Manual on Uniform Traffic Control Devices (MUTCD)</i> , etc.] should be referenced, as appropriate.



<b>Table 5: Mobility Deficiency Criteria</b>	
<b>Study Element</b>	<b>Deficiency Determination</b>
	Failure to provide adequate accessibility for service and delivery trucks on site, including access to loading areas. Project will result in a hazard or potentially unsafe conditions without improvements.
<b>Pedestrian Facilities</b>	Project fails to provide safe and accessible pedestrian connections between project buildings and adjacent streets, trails, and transit facilities.
<b>Bicycle Facilities</b>	Project disrupts existing or planned bicycle facilities or is otherwise inconsistent with the latest General Plan, Bicycle and Pedestrian Master Plan, or other related plans. Project adds bicycle trips along project frontage to an existing facility that needs improvements per the latest BPMP.
<b>Transit</b>	Project disrupts existing or planned transit facilities and services or conflicts with Town adopted plans, guidelines, policies, or standards.
<b>Heavy Vehicles (Trucks and Buses)</b>	A project fails to provide adequate accommodation of forecasted heavy traffic or temporary construction-related truck traffic consistent with Town or industry standards ( <i>Highway Design Manual</i> , MUTCD, etc.).
<b>Off-Site Traffic Operations</b>	95 <sup>th</sup> percentile vehicle queues exceed the existing or planned length of a turn pocket. The proposed project introduces a design feature that substantially increases safety hazards.
<b>Signalized Intersection Traffic Control</b>	Addition of project traffic causes a signalized intersection to 1) drop more than one level overall or at the worst individual approach delay if it is at LOS A, B, or C or 2) drop at all overall or at the worst individual approach delay if it is at LOS D or below.
<b>Unsignalized Intersection Traffic Control</b>	Addition of project traffic causes an all-way stop-controlled or side street stop-controlled intersection to 1) operate at LOS E or F overall or the worst-case movement, and 2) meets the Caltrans signal warrant criteria.
<b>General Plan Consistency</b>	Evaluate the project against mobility, safety, and other related goals, policies, and actions set forth in the latest General Plan.
<b>Other Subject Areas</b>	Consider other areas on a case-by-case basis (e.g., construction impacts, queuing between closely spaced intersections, emergency access, special event traffic, etc.).
<b>Requirements for Other Jurisdictions</b>	The project exceeds established deficiency thresholds for transportation facilities and services under the jurisdiction of other agencies.

## 5.10 CMP Deficiency Criteria

To determine consistency with the CMP, off-site intersection analysis may be needed and should be applied according to the latest *VTA TIA Guidelines*.

## 5.11 Mitigation Improvements

All project deficiencies should be addressed consistent with the policies of the latest General Plan Mobility Element. Under these circumstances, the applicant should meet with Town staff to identify transportation improvements that address the deficiencies. **Table 6** shows example types of improvements to address transportation deficiencies.

Potential improvements may require a more detailed review, often including traffic operations, to demonstrate how they address a specific deficiency.

Selected improvements should be identified whether they will be implemented under Existing Conditions, Background Conditions, or Cumulative Conditions. Background Conditions generally reflect conditions at the time of full occupancy of a project.

If a transportation improvement is selected to address a deficiency, it should include a description of the benefit to traffic reduction generated by a proposed development and how the improvement contributes to the multimodal transportation system in Los Gatos. In addition, all transportation improvements need to consider whether they have secondary effects to VMT [i.e., whether the improvement is VMT inducing per guidance in the OPR *Technical Advisory* (December 2018, Pages 20-21)].

The improvement shall not unreasonably degrade bicycle, pedestrian or transit access, and circulation. If a project proposes improvements in response to auto LOS deficiency involving a change to existing roadway or intersection geometry, or changes to signal operations, the TA shall analyze and disclose secondary effects on other modes, i.e., whether the mitigation would affect pedestrian or bicycle conditions or increase transit vehicle delay, per the methodologies in 5.7.

Table 6: Example Improvements	
Study Element	Improvement
<b>Project Modifications and Transportation Demand Management</b>	<ul style="list-style-type: none"><li>• Alter density or diversity of project uses or integrate affordable housing</li><li>• Encourage telecommuting and alternative work schedules</li><li>• Provide ride-sharing programs to encourage carpooling and vanpooling</li><li>• Provide local shuttle service</li><li>• Provide employer-sponsored vanpools or shuttles</li><li>• Provide pedestrian network improvements</li><li>• Provide traffic calming measures and low-stress bicycle network improvements</li><li>• Implement car-sharing (e.g., ZipCar) program</li><li>• Limit parking supply</li><li>• Unbundle parking costs from property costs</li><li>• Institute on-street market pricing for parking</li></ul>

<b>Pedestrian and Bicycle Facilities</b>	<ul style="list-style-type: none"> <li>• Provide for access to, from, and through the development for pedestrians and bicyclists</li> <li>• Construct Class I bicycle paths, Class II bicycle lanes, and other facilities</li> <li>• Provide secure bicycle parking and shower amenities</li> <li>• Reduce travel lanes on a street to install a two-way left-turn lane and Class II bicycle lanes</li> <li>• Add corner bulbouts, reduce curb radii, add pedestrian refuges, or implement other walking-related improvements</li> </ul>
<b>Transit Facilities</b>	<ul style="list-style-type: none"> <li>• Provide bus turnouts, bus shelters, additional bus stops, and park-and-ride lots</li> <li>• Fund increases in transit service</li> </ul>
<b>Parking Facilities</b>	<ul style="list-style-type: none"> <li>• Design parking facilities to allow free-flow access to and from the street</li> <li>• Provide off-street parking per Town standards or recommendations</li> <li>• Implement shared parking among complementary land uses</li> </ul>
<b>Traffic Control Modifications</b>	<ul style="list-style-type: none"> <li>• Provide for yield or stop control</li> <li>• Evaluate unsignalized intersections with substandard LOS for conversion to roundabout intersection control or for signalization</li> <li>• Provide coordination/synchronization of traffic signals along a corridor</li> <li>• Provide turn-lane channelization through raised islands</li> <li>• Restrict selected turning movements</li> </ul>
<b>Street Operations Modifications</b>	<ul style="list-style-type: none"> <li>• Optimize location of access driveway(s)</li> <li>• Provide improvements to traffic signal phasing, or lengthen existing turning pocket</li> <li>• Provide additional through traffic lane(s), right-turn lane(s), and left-turn lane(s) if they do not adversely impact other modes or induce additional vehicle travel</li> <li>• Reduce travel lanes on a street to install a two-way left-turn lane</li> <li>• Address congestion pricing on roads or within a specific area</li> </ul>

# Appendix A: Transportation Analysis Report Format Outline

*Note: Not all sections are required for all projects. The project applicant shall consult with the Town Traffic Engineer to determine the required sections.*

## 1. Introductory Items

- Front Cover/Title Page
- Table of Contents, List of Figures, and List of Tables
- Executive Summary

## 2. Introduction

- Project description
- Project sponsor/contact info
- Type and size of development
- Site plan (include proposed driveways, roadways, traffic control, parking facilities, emergency vehicle access, and internal circulation for vehicles, bicyclists, and pedestrians)
- Location map (include major streets, study intersections, and neighboring zoning and land uses)
- Scope of transportation analysis

## 3. Current Conditions

- Description of existing street system within project site and surrounding area
- Location and routes of nearest public transit system serving the project
- Location and routes of nearest pedestrian and bicycle facilities serving the project
- Vehicle Miles Traveled Assessment
  - Description of baseline VMT estimates (may include site and regional VMT estimates)
- Intersection Analysis for Site Access and Circulation Evaluation and CMP Evaluation
  - Figure of study intersections with peak hour turning movement counts, lane geometries, and traffic control

- Map of study area showing average daily traffic (ADT) of study roadways
  - Table of existing peak hour average vehicle delay and level of service (LOS)
4. Project Trip Generation
    - Table of project generated trip estimate
    - Figure/map of trip distribution (in percent)
  5. Project Site Access and Circulation Evaluation
    - Summary of a detailed site review for all modes of travel
    - Mobility deficiency analysis and summary to vehicle, transit, bicycle, and pedestrian facilities (under Project Conditions and Cumulative Conditions)
    - Summary of transportation improvements

### **CEQA Transportation Analysis Report Section**

6. Vehicle Miles Traveled Assessment
  - Summary of project generated VMT under Baseline Conditions
  - Summary of project's effect on VMT under Future Year Cumulative Conditions
  - Identification of significant impacts
  - Discussion of mitigation measures
  - Evaluation of impacts of mitigation measures
7. Other CEQA Requirements
  - Summary of conflicts with a plan, ordinance, or policy addressing the circulation system, including transit, roadways, bicycle lanes, and pedestrian paths. Present mitigation measures, as needed.
  - Evaluation of hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment). Present mitigation measures, as needed.
  - Emergency access evaluation. Present mitigation measures, as needed.

### **Local Transportation Analysis Report Section**

8. Existing with Project Conditions

- Maps of study area with applicable peak hour turning movements (Project Only and Existing with Project Conditions)
- Table of Existing Conditions and Existing with Project Conditions intersection peak hour average vehicle delay and LOS (or other multimodal performance measure)
- Traffic signal and other warrants
- Changes/Deficiencies to bike, pedestrian, and transit networks
- Findings of project deficiencies
- Improvements for project deficiencies (include a map showing physical improvements)
- Scheduling and implementation responsibility of improvements
- Deficiencies of proposed improvements

#### 9. Background Conditions

- Table of trip generation for approved project(s)
- Figure and/or table of approved projects trip distribution (in percent)
- Map of study area with applicable peak hour turning movements (Background Conditions)
- Table of intersection peak hour average vehicle delay and LOS (or other multimodal performance measure) (including queue lengths, etc)
- Changes/deficiencies to bike, pedestrian, and transit networks
- Traffic signal and other warrants

#### 10. Background with Project Conditions

- Similar content to Existing with Project Conditions

#### 11. Cumulative Conditions and Cumulative with Project Conditions

- Map of study area with Cumulative Conditions peak hour turning movements
- Map of study area with Cumulative with Project Conditions peak hour turning movements
- Table of Cumulative Conditions and Cumulative with Project Conditions intersection peak hour average vehicle delay and LOS (or other multimodal performance measure)
- Changes/Deficiencies to bike, pedestrian, and transit networks
- Traffic signal and other warrants

- Findings of project deficiencies
- Improvements for project deficiencies (include a map showing physical improvements)
- Scheduling and implementation responsibility of improvements
- Deficiencies of proposed improvements

### **Additional Sections for Transportation Analysis Report**

#### 12. Construction Deficiencies

- Trips due to construction workers
- Truck trips and truck access routes

#### 13. Phasing Deficiencies (For Large Projects Only)

#### 14. Appendices

- List of references
- List of authors
- Pedestrian, bicycle, and vehicle counts
- Technical calculations for all analyses

## Town of Los Gatos Traffic Mitigation Improvements Project List

Source	Description	Estimated Project Cost (2014 \$)	Growth Related Project Cost Share	Mitigation Impact Fee Eligible Cost
GP/VTP 2035	Blossom Hill Rd and Union Ave Intersection Improvements	\$ 1,200,000	90.00%	\$ 1,080,000
GP/VTP 2035	Los Gatos - Almaden Rd Improvements	\$ 3,000,000	50.00%	\$ 1,500,000
GP/VTP 2035	Los Gatos Blvd Widening - Samaritan Dr to Camino Del Sol - Road widening, new sidewalks and bike lanes	\$ 4,000,000	50.00%	\$ 2,000,000
GP/VTP 2035	Union Ave Widening and Sidewalks - complete ped and bike routes	\$ 3,000,000	50.00%	\$ 1,500,000
GP/VTP 2035	Wood Rd Gateway on Santa Cruz Ave - roundabout	\$ 1,200,000	50.00%	\$ 600,000
GP/VTP 2035	Central Traffic Signal Control System	\$ 750,000	9.68%	\$ 72,600
GP/VTP 2035	Hwy 9 Los Gatos Creek Trail connector - new path and bridge for ped/bike	\$ 1,000,000	50.00%	\$ 500,000
GP/VTP 2035	Hwy 9/N. Santa Cruz Ave Intersection Improvements	\$ 1,400,000	90.00%	\$ 1,260,000
CIP	Roberts Road Improvements from bridge to University	\$ 600,000	50.00%	\$ 300,000
CIP	Pollard Road Widening from Knowles to York Avenue	\$ 2,500,000	50.00%	\$ 1,250,000
CIP	Sidewalks infill - Van Meter, Fischer and Blossom Hill Schools	\$ 1,000,000	50.00%	\$ 500,000
CIP	Winchester Blvd/Lark Avenue Intersection Improvements	\$ 850,000	90.00%	\$ 765,000
CIP	Westbound Lark to Hwy 17 northbound ramps - add two right-turn lanes	\$ 3,750,000	90.00%	\$ 3,375,000
CIP	Unfunded Deferred Street Maintenance (Annual PMS Survey)	\$ 10,500,000	9.68%	\$ 1,016,400
GP	Lark/Los Gatos Intersection Improvements - Add Third Left Turn Lanes for Eastbound and Northbound Approaches	\$ 1,200,000	90.00%	\$ 1,080,000
GP	Complete Street Improvements - Lark from Garden Hill to Los Gatos Blvd	\$ 2,100,000	50.00%	\$ 1,050,000
GP	Complete Street Improvements - SR 9 from University to Los Gatos Blvd	\$ 650,000	50.00%	\$ 325,000
GP	Complete Street Improvements - Blossom Hill Road from Old Blossom Hill Road to Regent Drive	\$ 3,000,000	50.00%	\$ 1,500,000
GP	Complete Street Improvements - Knowles from Pollard to Winchester	\$ 2,000,000	50.00%	\$ 1,000,000
GP	Complete Street Improvements - Winchester from Blossom Hill to Lark	\$ 1,500,000	50.00%	\$ 750,000
GP	Blossom Hill Road widening over Highway 17	\$ 2,000,000	50.00%	\$ 1,000,000
GP	Local Bikeway Improvements	\$ 750,000	50.00%	\$ 375,000
Total		<b>\$ 47,950,000</b>		<b>\$ 22,799,000</b>

Notes:

VTP = Valley Transportation Plan, 2035 by Santa Clara Valley Transportation Authority.

Town CIP = Town of Los Gatos, Capital Improvement Program and pending construction project list.

Source: Town of Los Gatos.



## VMT REDUCTION STRATEGIES

For projects that would generate Vehicle Miles Traveled (VMT), one or more VMT reduction strategies shall be required to reduce VMT of the project. Examples of VMT reduction strategies are provided below. The VMT reduction strategies are organized by their relative scale for implementation (i.e., individual site level, Town-wide level, and regional level).

### INDIVIDUAL SITE LEVEL

- **Encourage Telecommuting and Alternative Work Schedules:** This strategy relies on effective internet access and speeds to individual project sites/buildings to provide the opportunity for telecommuting. This strategy would reduce commute VMT but also result in a change in VMT for other travel purposes; thus, this strategy should consider the net change in the Town's project-generated VMT.
- **Provide Ride-Sharing Programs:** This strategy focuses on encouraging carpooling and vanpooling by project site/building tenants.
- **Implement Car-Sharing Program:** This strategy reduces the need to own a vehicle or reduce the number of vehicles owned by a household by making it convenient to access a shared vehicle for those trips where vehicle use is essential. Examples include programs like ZipCar, Car2Go, and Gig.
- **Provide Employer-Sponsored Vanpool/Shuttle:** This strategy relies on employers purchasing or leasing vans or shuttles, and often subsidizing the cost of at least program administration, if not more. Vanpools typically service employee's commute to work, while shuttles service nearby transit stations and surrounding commercial centers. Scheduling and rider charges, if any, are within the employer's purview. A supplemental strategy may include facilitating or enhancing the service by improving the shuttle stops and biking/walking paths to the stops.

### TOWN-WIDE LEVEL

- **Provide Bicycle and Pedestrian Network Improvements:** This strategy focuses on creating a comprehensive bicycle and pedestrian network within the project and connecting to nearby destinations. Projects in Los Gatos tend to be smaller so the emphasis of this strategy would likely be the construction of network improvements that connect the project site directly to nearby destinations. Alternatively, implementation could occur through an impact fee program or benefit/assessment district based on regional or local plans such as the *Bicycle and Pedestrian Master Plan*.
- **Provide Local Transit or Microtransit Solutions:** This strategy focuses on providing transit solutions that serve the local circulation needs and connections to key regional destinations. The service would connect to transit hubs, schools, commercial centers, and residential areas to improve transit connectivity and address the "first/last mile" problems. The service may be in the form of a local shuttle, microtransit service using dynamic routing and scheduling, fare subsidies to private transportation network companies (TNCs) or taxi companies, or other service delivery methods. The service may be open to all or target a special population, such as seniors, disabled or students. The implementation of this strategy may require regional or private partnership.

- **Provide Transit Signal Priority:** This strategy would upgrade the Town's traffic signals along transit corridors to provide transit signal priority to improve transit bus travel time.
- **Improve Biking and Walking Paths to Bus Stops and Transit Amenities:** This strategy improves the biking and walking paths to bus stops, enhances amenities at bus stops such as shelters, benches, and ADA accessible loading areas.
- **Provide Traffic Calming Measures:** This strategy combines the California Air Pollution Control Officers Association (CAPCOA) research focused on traffic calming with new research on providing a low-stress bicycle network. Traffic calming creates networks with low vehicle speeds and volumes that are more conducive to walking and bicycling. Building a low-stress bicycle network produces a similar outcome. One potential change in this strategy over time is that ebikes (and e-scooters) could extend the effective range of travel on the bicycle network, which could enhance the effectiveness of this strategy.
- **Limit Parking Supply:** When combined with companion TDM measures, reduced parking supply discourages driving by limiting easy and convenient parking options. Implementation of this strategy may require reducing (or removing) minimum parking requirements and allowing developers to use shared parking strategies.
- **Unbundle Parking Costs from Property Cost:** Unbundling separates parking costs from property cost, for instance by not including a parking space in a residential unit's rent, or by requiring employers to lease each parking space separately from the building owner. This strategy ensures that the user understands that the cost of driving includes parking and can encourage people to use an alternative mode to save money.
- **Implement Market Price Public Parking (On-Street):** This strategy focuses on implementing a pricing strategy for parking by pricing all on-street parking in central business districts, employment centers, and retail centers. Priced parking would encourage "park once" behavior and may also result in area-wide mode shifts.

## REGIONAL LEVEL

- **Increase Density:** This strategy focuses on increasing density of land uses, where allowed by the General Plan and/or Zoning Ordinance, to reduce distances people travel and provide more travel mode options. This strategy also provides a foundation for many other strategies. For example, densification increases transit ridership, which justifies enhanced transit service.
- **Increase Diversity of Urban and Suburban Developments:** This strategy focuses on inclusion of mixed uses within projects or in consideration of the surrounding area to minimize vehicle travel in terms of both the number of trips and the length of those trips.
- **Increase Transit Accessibility:** This strategy focuses on encouraging the use of transit by locating a project with high density near transit. A project with a residential/commercial center designed around a bus station is referred to as a transit-oriented development (TOD).
- **Integrate Affordable and Below Market Rate Housing:** This strategy provides greater opportunities for lower income families to live closer to job centers since

income effectsprobability that a commute will take transit or walk to work.

- **Increase Transit Service Frequency/Speed:** This strategy focuses on improving transit service convenience and travel time competitiveness with driving. Given existing land use density in LosGatos, this strategy may be limited to traditional commuter transit where trips can be pooled at the start and end locations, or it may require new forms of demand-responsive transit service. Note that implementation of this strategy would require regional or local agency implementation, substantial changes to current transit practices, and would not likely be applicable for individual development projects.
- **Implement Area or Cordon Pricing:** This strategy focuses on implementing a cordon (i.e., boundary) pricing scheme, where a cordon is set around a specific area to charge a toll to enterthe area by vehicle. The cordon location is usually the boundary of an area with limited points of access. The cordon toll may be constant, applied during peak periods, or be variable, with higher prices during congestion peak periods. The toll can also be based on a fixed schedule or be dynamic, responding to real-time congestion levels. Note that implementation of this strategy requires alternative modes of travel that are available and reliable, such as high-qualitytransit infrastructure.

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## DEFINITIONS:

*Land use entitlements* shall mean entitlement changes in use requiring discretionary approval by Los Gatos, which include General Plan amendments, specific plans (and related amendments), zoning changes, use permits, planned developments, and tentative subdivision maps.

*Land Use Projects or Development* shall mean residential or nonresidential improvements on a site.

*Existing development* shall mean any already existing habitable residential or nonresidential building or projects which rebuild or remodel the existing development without increasing the trips generated. No fee shall be charged for development already existing.

*Expansion of use*, to determine traffic increases, shall include any increase in the number of living units, gross floor area in a nonresidential development and/or any intensification of use which increases trips generated.

*Transportation improvements* shall mean those improvements to the transportation facilities and related actions necessary to implement the transportation element of the Town's general plan and any applicable specific plan.

*Site* shall mean a plot of ground consisting of one (1) or more lots or parcels on which a common improvement is proposed or exists.

*Trip generation rate* shall mean the number of vehicle trips over a weekday twenty-four-hour period generated by a particular type of land use and shall be expressed in terms of the number of acres or square feet of land for each land use category. The Town Engineer may exercise reasonable discretion to establish recommended trip generation rates for land use categories consisting of groupings of land uses having similar use and functional characteristics. When the trip generation rate is multiplied by the amount of land, the number of trips, both incoming and outgoing, shall be estimated.

*Average Daily Trips (ADT)* shall mean the total number of trips, both in-bound and out-bound, within a 24-hour weekday period, generated by a particular use or development.

*Pass-By Trip*: Trips generated by the proposed Project that would be attracted from traffic passing the proposed project site on an adjacent street that contains direct access to the Project.

*Peak Hour Trips* shall mean vehicle trips, both in-bound and out-bound, occurring during a 60-minute period either during the A.M. Peak (7 A.M. to 9 A.M.) or the P.M. Peak (4 P.M. to 6 P.M.), generated by a particular use or Project.

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*Specialty Retail.* Specialty Retail uses are defined as walk-in and impulse businesses such as juice bars, yogurt shops, coffee shops, donut shops, and similar uses which do not generally serve meals and have limited or no seating. Specialty Retail uses are defined under this policy for purposes of establishing trip generation data and this definition does not provide any land use or zoning guidance.

*Use* shall mean the purpose for which a site or structure is arranged, designed, intended, constructed, erected, moved, altered or enlarged or for which either a site or a structure is or may be occupied or maintained.

*Vehicle Trip End* shall mean an incoming or outgoing trip going to or coming from anywhere within the Town or outside the Town.

*CEQA* shall mean the California Environmental Quality Act. These terms are reserved for definitions per the CEQA Guidelines: significance criteria, significant impact, and mitigation measures.

*Local Transportation Analysis* shall mean analysis to assess potential mobility deficiencies caused by new developments on the local roadway performance, following the Town's transportation policies. These terms are reserved for Local Transportation Analysis: threshold or performance standard, deficiency, and mitigation improvement.

*Vehicle Miles Traveled (VMT)* is a metric that accounts for the number of vehicle trips generated times the length or distance of those trips. VMT is an accessibility performance metric that evaluates the changes in land use patterns, regional transportation systems, and other built environment characteristics.

*Level of Service (LOS)* is a metric that assigns a letter grade to network performance. The typical application is to measure the average amount of delay experienced by vehicle drivers at an intersection during the most congested time of day and assign a report card range from LOS A (fewer than 10 seconds of delay) to LOS F (more than 80 seconds of delay). Vehicle level of service is used to measure vehicle mobility.

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