

GATEWAY MASTER PLAN TRANSPORTATION SCOPE OF WORK 4/9/2019

Task 3.5 Establish and Evaluate Baseline Conditions and Future Scenarios in Support of the Shoreline Gateway Master Plan

Under this task, the TJKM Team will establish and evaluate baseline conditions and future scenarios in support of the land use alternatives developed through the Shoreline Gateway Master Plan, as follows:

Task 3.5A - Baseline Conditions

The TJKM team will develop a Baseline Scenario that reflects existing, approved and reasonably anticipated development projects and transportation infrastructure. A Technical Memo will be prepared summarizing key transportation assumptions (e.g. trip generation and distribution, peak hour factors) for City review and approval.

Task 3.5B - Evaluate Baseline Scenario

The TJKM Team will conduct a VISSIM analysis of the Baseline Scenario and prepare a technical evaluation in terms of Gateway traffic impacts and other transportation performance measures. A Technical Memo will be prepared summarizing the results and identifying the potential transportation capacity that could support Precise Plan housing and office development. The Technical Memo will be shared with Master Plan team and form the basis for transportation strategies associated with Master Plan development scenarios. This task will also include a review of North Bayshore TDM strategies in terms of helping achieve mode shift goals supporting Gateway capacity.

Task 3.5C - Develop and Evaluate Transportation Scenarios for Master Plan Scenarios

The TJKM Team will develop 2-3 scenarios consistent with the Master Plan alternatives. The scenarios will be consistent with Master Plan land use concepts and will include transportation strategies estimated to support the Master Plan growth beyond the Baseline Scenario. Elements of these scenarios may include:

- TDM Strategies and Alternative SOV Targets
- Transit and Parking Strategies
- Distribution and characteristics of housing and employment
- Potential new transportation infrastructure

VISSIM analysis of the scenarios will provide technical evaluation in terms of Gateway traffic impacts and other transportation performance measures. A Technical Memo will be prepared summarizing the results and identifying the ability of the transportation system to support the planned development. The Technical Memo will help the Master Plan team identify a preferred Master Plan alternative and develop associated transportation strategies.

Task 3.5D - Evaluate Transportation Scenario for Preferred Master Plan Scenario

The TJKM Team will develop and evaluate a final scenario incorporating the Preferred Master Plan alternative and revised transportation strategies.

Task 3.5E - Prepare Recommended Transportation Strategy for Master Plan

The TJKM Team will prepare a report summarizing the development and evaluation of scenarios and the recommended transportation strategy.