Congestion Hot Spots for the SR-91 / I-605 / I-405 Corridor
Feasibility Analysis and PSRs

FEASIBILITY STUDY & GEOMETRIC PLANS UPDATE
Technical Advisory Committee | April 4, 2012
Project Overview
Project Study Area
Completed To Date

- Evaluation of Previously Identified “Hot Spots”
- Data Collection and Traffic Modeling/Analysis
- Hot Spot Mapping for Freeways and Arterials
- Initial Geometric Concept Plans
Combined Congestion Analysis Summary

- Evaluate PeMS, HCM LOS, V/C and accident data
- Worst Case Peak Hour summary
- Operational analysis based upon 2035 traffic volumes
In Progress

- Validation of Geometric Improvement Plans
- Toll Scenario Traffic Modeling
Next Steps

- Work with I-605 TAC to Identify Projects
- Initiate PSRs
- Complete Preliminary Environmental Review
- Congestion “Hot Spots” Feasibility Report
Caltrans Project Development Process

- Feasibility Study: 1-2 years
- Project Study Report: 1-2 years
- Project Approval/Environmental Document: 2-3 years
- Plans, Specifications & Estimate: 2-3 years
- Construction: 2-3 years

Current Phase
Congestion Hot Spots for the SR-91 / I-605 / I-405 Corridor
Feasibility Analysis & PSRs
PROJECT SCHEDULE

Task 2: Data Collection & Task 3: Base Mapping
- Acquire City Data
- Conduct Agency Meetings

Task 4: Traffic Model / Studies / Projections
- TAC Approves Traffic Model List of Regional Projects
- Draft Travel Demand Model Methodology & Validation Report
- TAC Approves Final Travel Demand Model Methodology & Validation Report

Task 5: Congestion Issues Analysis
- TAC Approves Draft Congestion Analysis Report - Problem Definition
- TAC Approves Final Congestion Analysis Report

Task 6: TSM / TDM / Multi-modal / ITS Analysis
- TSM/TDM/Multi-modal/ITS Preliminary Improvements Strategies Presented to TAC
- Review TSM / TDM / Multi-modal / ITS Report
- Approve TSM / TDM / Multi-modal / ITS Report

Task 7: Congestion Hot Spots Areas Identification & Task 8: Conceptual Geometric Plans
- TAC/CCC Approves Performance Assessment Criteria
- TAC/CCC Approves Geometric Plans

Task 9: Environmental Review
- TAC/CCC Reviews Draft Environmental Report
- TAC/CCC Approves Final Environmental Report

Task 10: Congestion Hot Spots Feasibility Report
- TAC/CCC Reviews Draft Feasibility Report
- TAC/CCC Approves Final Feasibility Report

Task 11: GCCOG Transportation Strategic and Funding Plan
- TAC Approves Final Projects Listing
- TAC Approves Projects Evaluation Approach
- TAC/CCC Reviews Draft Transportation Strategic & Funding Plan
- TAC/CCC Approves Final Transportation Strategic & Funding Plan

LEGEND
- Team Geometric Workshop
- Sub-TAC Reviews Geometric Plans