



FRESNO PUBLIC TRANSPORTATION INFRASTRUCTURE STUDY
MEETING AGENDA
PTIS TECHNICAL ADVISORY COMMITTEE

Wednesday, October 27th
2:00pm to 4:00pm
Fresno COG Offices, Sequoia Room
2035 Tulare Street, Suite 201

- I. PTIS Project Update: Jim Daisa will present the analyses and key findings to date, and an overview of the draft policy and public transportation system recommendations proposed to be included in the final report.

Summary: The PTIS study update includes presentation of three transportation and land use scenarios and the resulting mode shift to transit, walking and bicycling from the Fresno COG transportation model. The land use scenarios and resulting reductions in VMT are being considered in the COG's effort to define ways to achieve the greenhouse gas reduction goals under SB375. A set of draft policy recommendations will be presented to elected officials On October 26th and 28th for discussion prior to inclusion in the final plan recommendations. The policy recommendations would need to be adopted and integrated into other planning and policy documents in order to reach the projected trip reduction goals in the scenarios.

The theoretical densities in the corridors were modeled at three incremental levels to predict the changes in travel behavior and mode choice resulting from the concentration of residents and employment centers in close walking or transit distance proximities of each other. Transportation modeling for the project was performed by Dowling and Associates in Oakland, California, using the Fresno COG 2035 Travel Demand Model updated to include a module that predicts walking and bicycling based on the "4D" principles. Based on the model results of trips by mode for the three scenarios, recommendations will be made for transit investments and service frequencies with associated costs. Air quality improvements for the three scenarios are modeled by the Fresno COG in-house modeling staff and will be taken to the COG air quality committee tasked with meeting greenhouse gas emission reductions under SB375. The three land use scenarios are summarized below.



	Build Scenario	Constrained TOD	Full Build Out TOD
% of new population growth moved to BRT Corridors	38%	42%	52%
Density in 1.5 mile BRT corridors and downtown	9.2 du/ac	12.32 du/ac	14.85 du/ac
Transit Mode Share	1.7%	2.3%	2.5%
Bike/Walk Mode Share	8.7%	9.7%	8.7%
Daily Trips on 3 BRT Corridors	31,452	49,635	57,825
GHG Reductions*	0.4%	6%	8%

*Preliminary Findings

Fresno County currently does not meet air quality standards, including ozone and particulates. As a result, the County must satisfy Federal requirements calling for consideration of transportation control measures to reduce emissions and demonstrate conformity with the State Implementation Plan for Air Quality. It follows that whatever transportation projects are considered and ultimately implemented must not deteriorate the existing air quality and must support efforts to bring the County into air quality attainment.

II. Group Discussion on the Policy Recommendations

III. Next Steps to Finalize the PTIS Study

Handouts: Copy of the Powerpoint presentation as submitted to County BOS and Fresno City Council.

Copy of the Draft Policy Recommendations