

# Agenda Report

TO: CITY COUNCIL

DATE: October 30, 2000

FROM: CITY MANAGER

SUBJECT: Presentation of the Pasadena Blue Line Grade Crossing Study by Korve Engineering

RECOMMENDATION:

This report is for information only.

BACKGROUND:

Korve Engineering was retained by the City to evaluate the Pasadena Blue Line at grade crossings for traffic operations on Del Mar Boulevard, California Boulevard, and Glenarm Street between Arroyo Parkway and Raymond Avenue. Korve Engineering is a widely recognized traffic engineering firm with significant experience in rail operations.

The traffic analysis is based upon the following three (3) scenarios: Existing Traffic Conditions without the Blue Line; Existing Traffic Conditions with the Blue Line with and without mitigation; and Year 2005 Traffic Conditions with the Blue Line and mitigation. Traffic issues considered include a.m. and p.m. traffic volumes, Level of Service (LOS), and vehicle storage (queues). Signal operational impacts planned in conjunction with the Blue Line included upgrading the traffic signals in the study area, coordination with the Light Rail Transit, operation of an adaptive traffic control system with individual phasing as needed, and some lane improvements. The Korve report also considered future traffic volume projections from other developments such as the Transportation Center, Paseo Colorado and data being developed for the Legacy Project.

As part of the study, Korve also developed a visual traffic simulation to display actual traffic operation with the light rail in operation based upon their recommended mitigations. This simulation will be included in the presentation to the City Council.

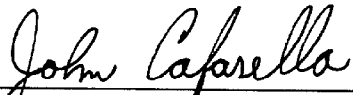
FISCAL IMPACT:

There is sufficient funding for the study and presentations in Budget Account 762200.

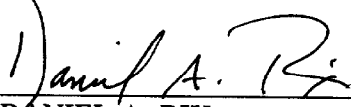
Respectfully submitted,

  
CYNTHIA J. KURTZ  
City Manager

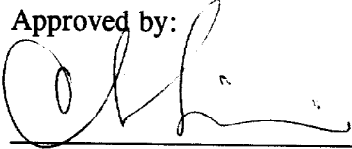
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