

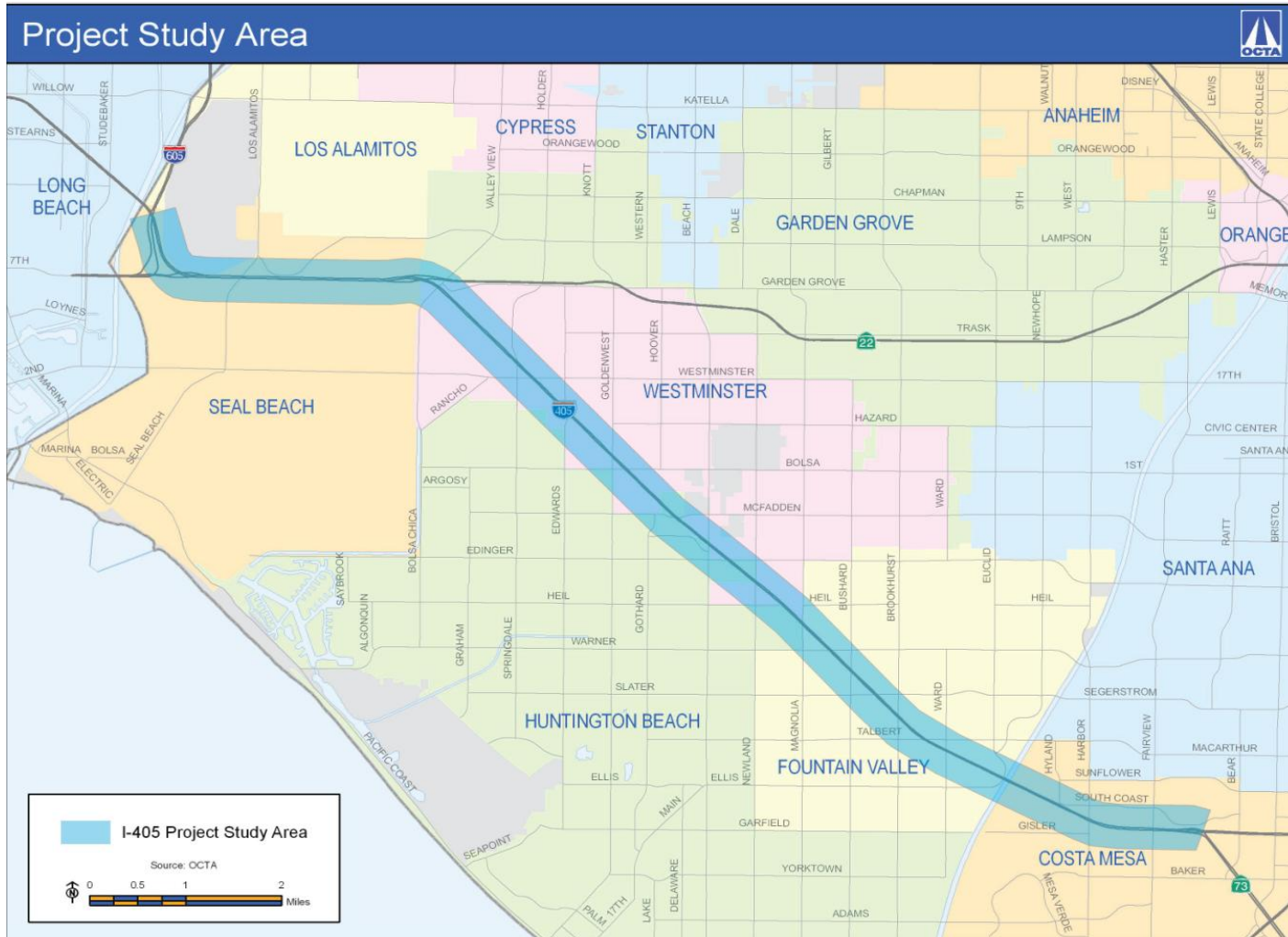


Report on Traffic and Revenue Analysis for the San Diego Freeway (Interstate 405) Improvement Project and Contract Amendment



**Orange County Transportation Authority
Board of Directors Meeting
February 8, 2010**

Interstate 405 Project Location



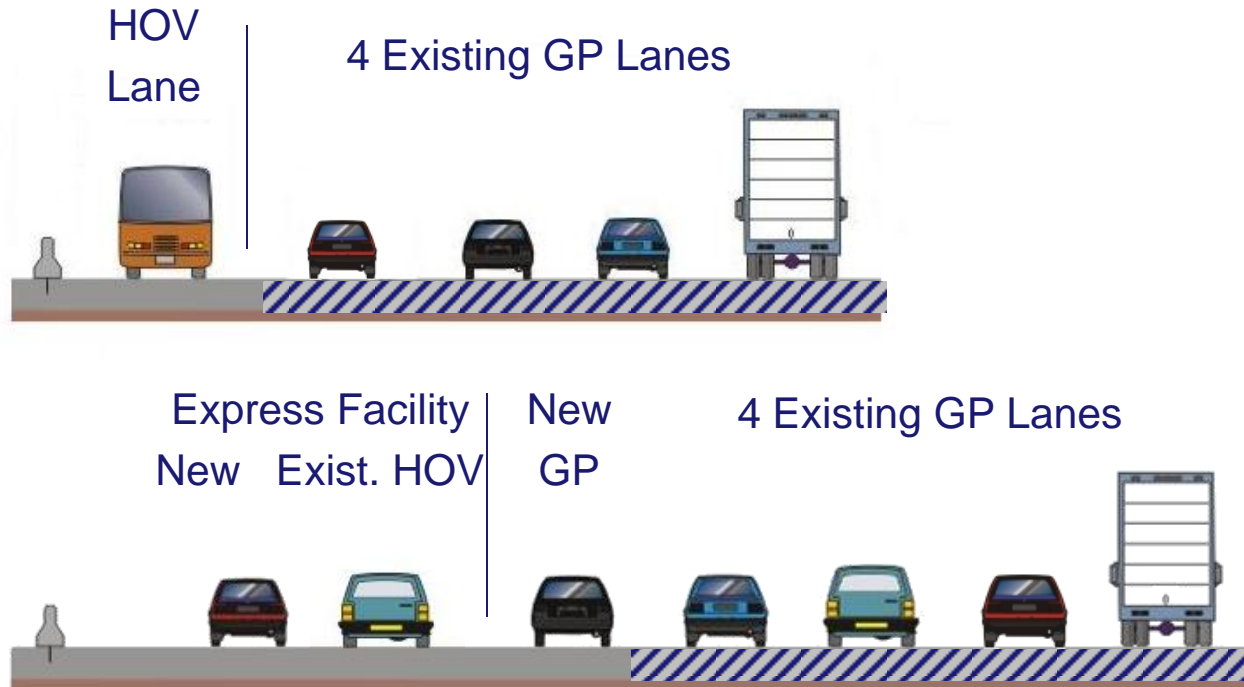
Study Alternatives

- Add one lane each way (\$1.7 billion)
- Add two lanes each way (\$1.9 billion)
- Available funding <\$600 million
- Alternatives not currently funded

Added Alternatives

- Nominal improvements within available funding
(\$600 million)
- Two-lane Express Lane toll facility
(\$2.2 billion)

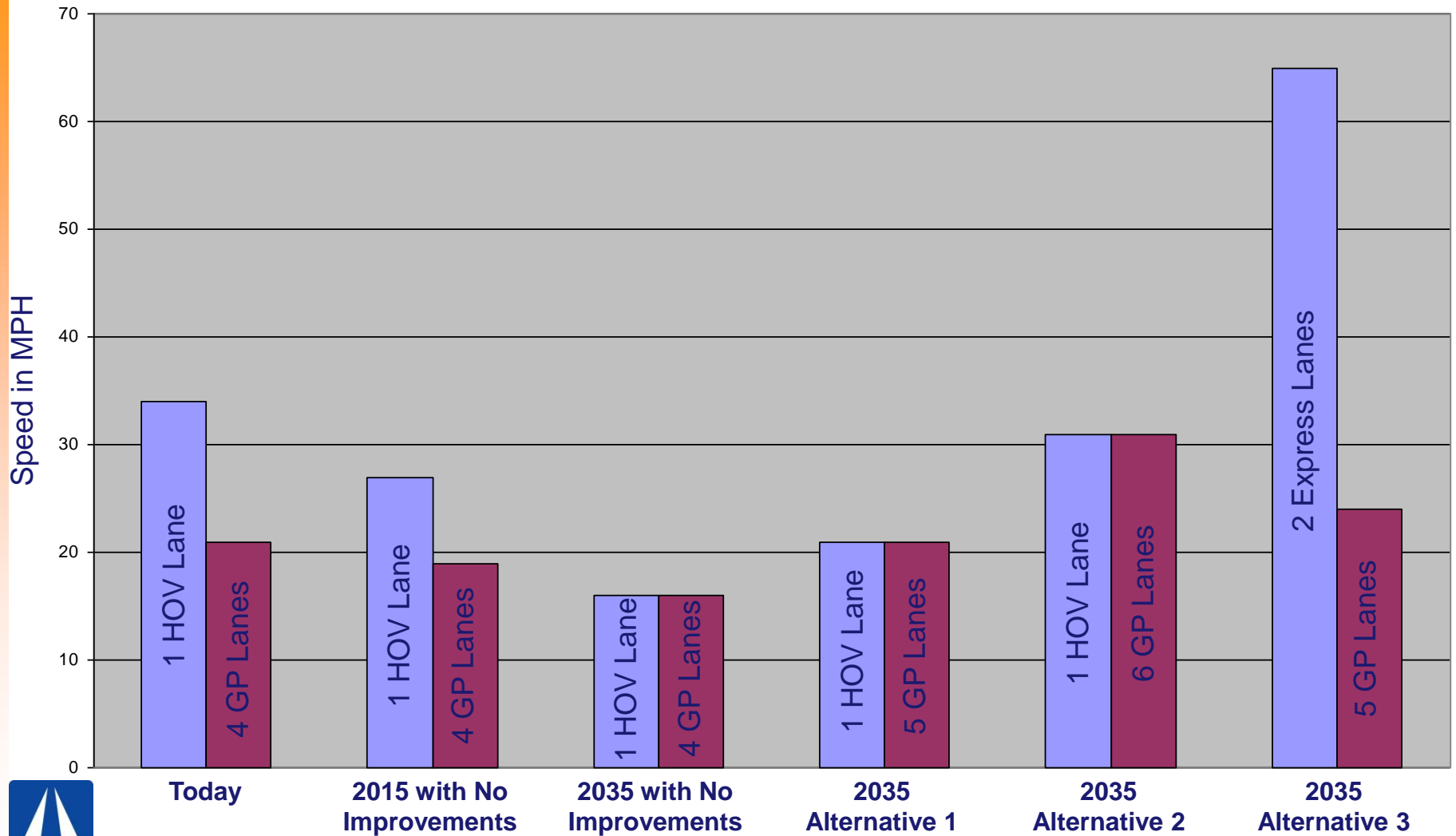
Express Lanes Configuration



Express alternative:

- accommodates both HOV and toll operations
- improves mobility in GP lanes
- may fund other improvements

Expected PM Peak Speeds by Lane Type



*Based on estimates, further study required.

Traffic and Revenue Study

- Phase 1: indicates financial viability, based on existing traffic data and model
- Phase 2: more refined traffic and revenue estimation to be initiated later in environmental phase
- Phase 3: investment-grade analysis

Proposed Access Points



Summary of Annual Revenue Forecasts

Scenario	Annual Revenue
HOV 2+ Free	\$45.1 million
HOV 3+ Free	\$196.7 million

Construction Costs Supported by Revenue

Scenario	Bonding Capacity
HOV 2+ Free	\$300 million-\$500 million
HOV 3+ Free	\$1.4 billion-\$1.8 billion

Express Lanes Financial Viability

Alternative 3: Express Lanes

- Funding gap

\$2.2 billion - \$600 million = **\$1.6 billion**

- Revenue potential range

- HOV 2+ Free **\$0.3 billion - \$0.5 billion**

- HOV 3+ Free **\$1.4 billion - \$1.8 billion**

Re-cap of Progress to Date

- One and two lane alternatives can generally fit within existing ROW
- Express lanes alternative could provide needed funds
- Four public scoping meetings conducted
 - Good attendance (400+)
 - Active Q&A sessions
 - Concerns remain about local ROW impacts

Next Steps

- Prepare environmental technical studies on the build alternatives
- Amend consultant contract to include technical studies for the additional alternatives
- Return to Board to discuss:
 - Preliminary findings from environmental studies
 - Potential reduction in number of build alternatives
 - Operating scenarios for Express Lanes