



Measure A Highway Program

TA Board Meeting
November 6, 2014
Agenda Item 11a



Presentation Outline

- Meeting Needs/Goals
- Program Overview
- Travel Patterns/Forecasts/Data
- Project Development Phases
- Stakeholders
- Leveraging Funding
- Program Performances



Meeting the Mobility Needs of San Mateo County

- **Reduce Commute Corridor Congestion**
- **Make Regional Connections**
- **Enhance Safety**
- **Meet Local Mobility Needs**



Program Overview

- **29.3% of Original Measure A Program**
- **27.5% of New Measure A Program**
 - 17.3% Key Congested Corridors Projects
 - 10.2% Supplemental Roadway Projects
- **\$412.5 million over the life of the program, assuming \$60 million in annual Measure A receipts**

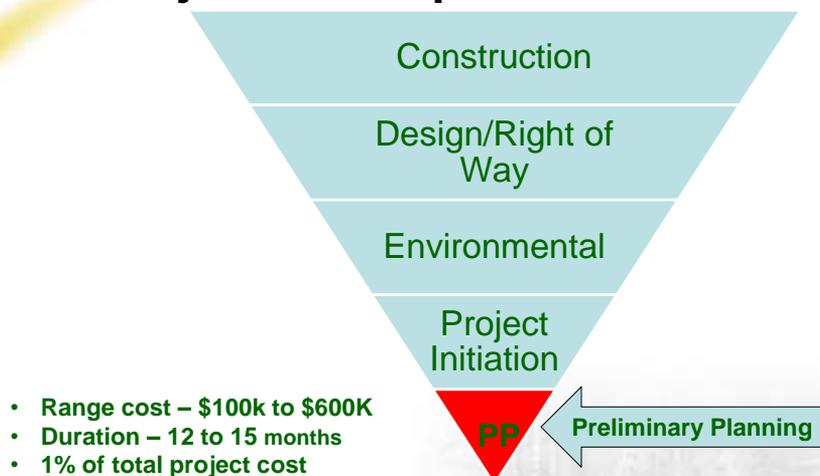


San Mateo County Travel Patterns/Forecasts/Data

- **698,105 Registered Vehicles**
- **Vehicle Miles Traveled/Year**
 - 2010 6.5 billion
 - 2040 10 billion
 - 66% on the State Highway System
- **950 lane miles on the SHS**
- **Travel Mode**
 - Current 82.5% automobiles
 - 2040 79.2% automobiles



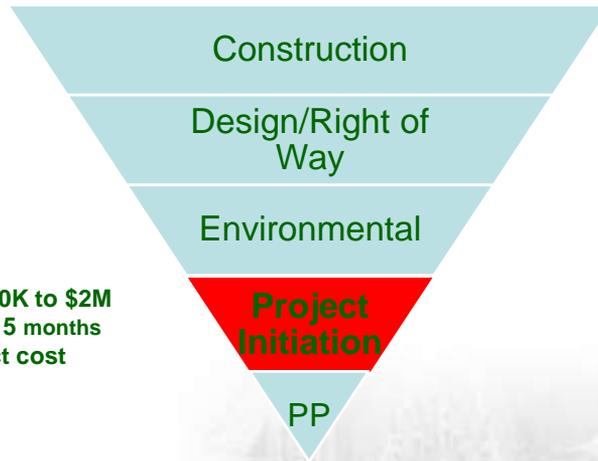
Project Development Phases





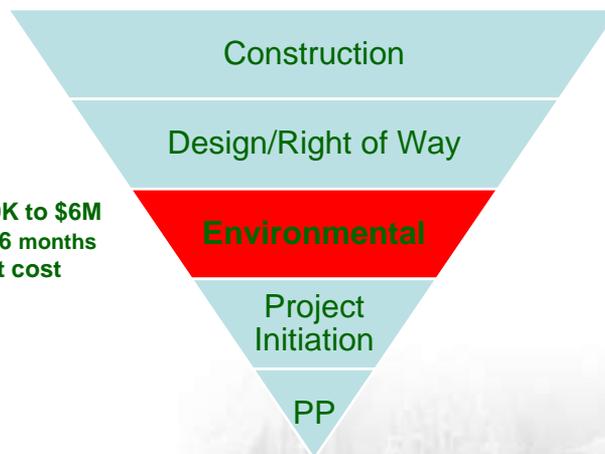
Project Development Phases

- Range cost – \$300K to \$2M
- Duration – 12 to 15 months
- 2% of total project cost



Project Development Phases

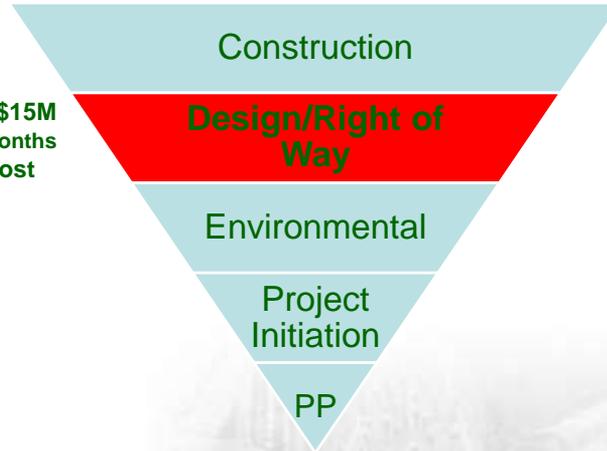
- Range cost - \$500K to \$6M
- Duration – 24 to 36 months
- 6% of total project cost





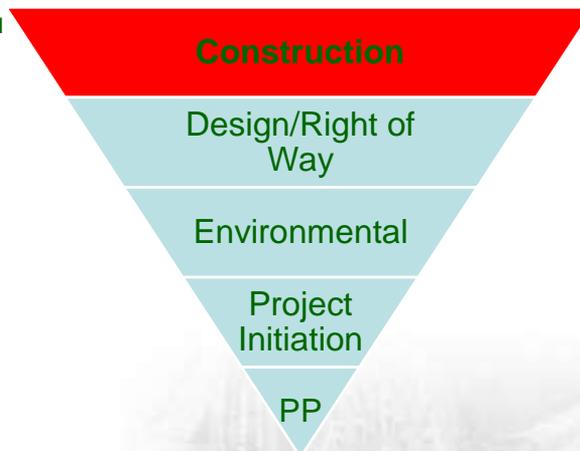
Project Development Phases

- Range cost – \$1M to \$15M
- Duration – 24 to 36 months
- 20% of total project cost



Project Development Phases

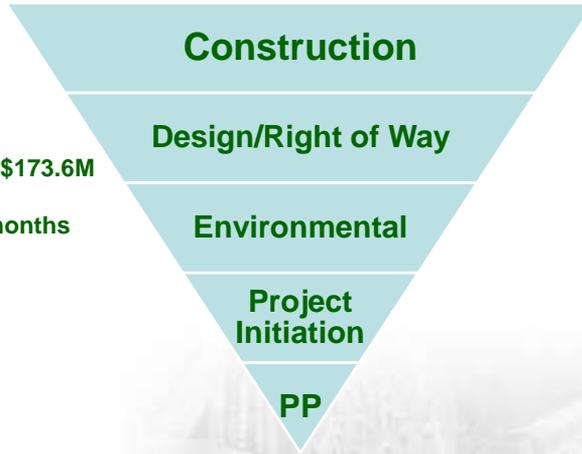
- Range cost – \$5M to \$150M
- Duration – 24 to 36 months
- 71% of total project cost



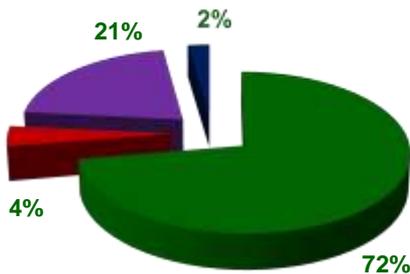


Project Development Phases

- Range cost – \$6.9M to \$173.6M
- Duration – 96 to 138 months



Awarded in the Highway CFP (Project Type)

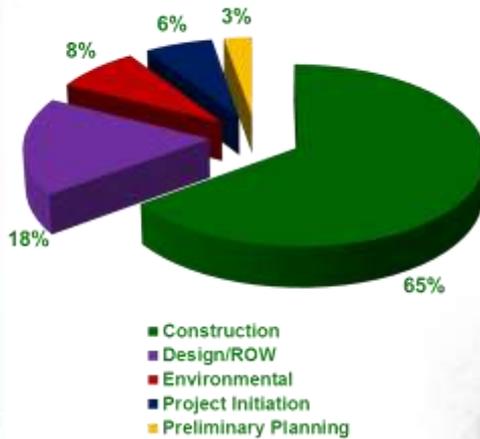


- Interchange
- Freeway
- Highway
- Arterial

TOTAL (24 projects)	\$82.71 m
12 Interchange	\$59.81 m
7 Highway	\$17.5 m
3 Freeway	\$3.5 m
2 Arterial	\$1.95 m



Awarded in the Highway CFP (Project Phase)



TOTAL	\$82.71 m
Construction	\$53.70 m
Design/Right of Way	\$14.59 m
Environmental	\$6.77 m
Project Initiation	\$5.40 m
Preliminary Planning	\$2.25 m



Highway Program











Stakeholders

- **Public**
- **Local Jurisdictions**
- **Regulatory Agencies**
- **Funding Agencies**



TA Highway Program Agency List

Federal



TA Highway Program Agency List

State





TA Highway Program Agency List

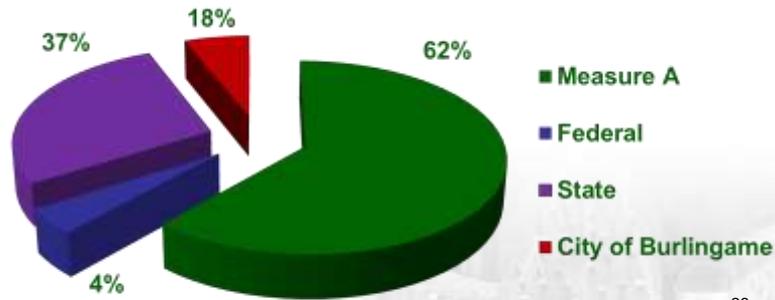
Regional



101/Broadway Interchange

Total Project Funding

Measure A	\$51,169,000
Federal	3,613,000
State	23,218,000
City of Burlingame	<u>5,000,000</u>
	\$83,000,000

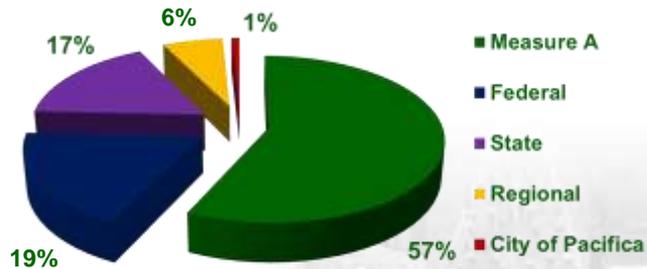




Route 1 San Pedro Creek Bridge

Total Project Funding

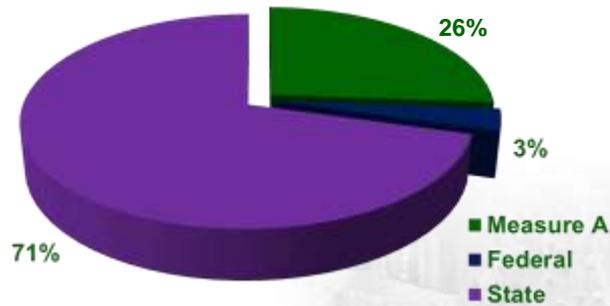
Measure A	\$10,054,000
Federal	3,305,000
State	3,000,000
Regional	1,141,000
City of Pacifica	<u>150,000</u>
Total	\$17,650,000



101 Aux Lane (Marsh-Embarcadero)

Total Project Funding

Measure A	\$13,500,000
Federal	1,700,000
State	<u>36,500,000</u>
Total	\$51,700,000





Measure A

Investing in our Transportation Future



US 101 Auxiliary Lanes

- 7,100 hours reduced travel time/day
- \$40 million/year in productivity
- 5,600 gallons/day of fuel saved
- 12% reduction carbon monoxide, nitrogen oxides, and volatile organic
- 20 % reduction in accidents