

# Project Delivery

John Luchetta • Acting District Deputy Programming & Project Management • April 20, 2015



# Overview

- Identification of Needs
- Funding Framework
- Scoping a Project
- Project Approval & Environmental Document
- Plans, Specifications, Estimates & Right of Way
- Construction

# Funding Framework

**State Transportation Improvement Program (STIP)**

**Regional Improvement Program (RIP)**

**Interregional Improvement Program (IIP)**

**State Highway Operations & Protection Program (SHOPP)**

Safety

Maintenance

Mandates

**M2FS**

**Money Falls From the Sky**

**Local Fund Sources**

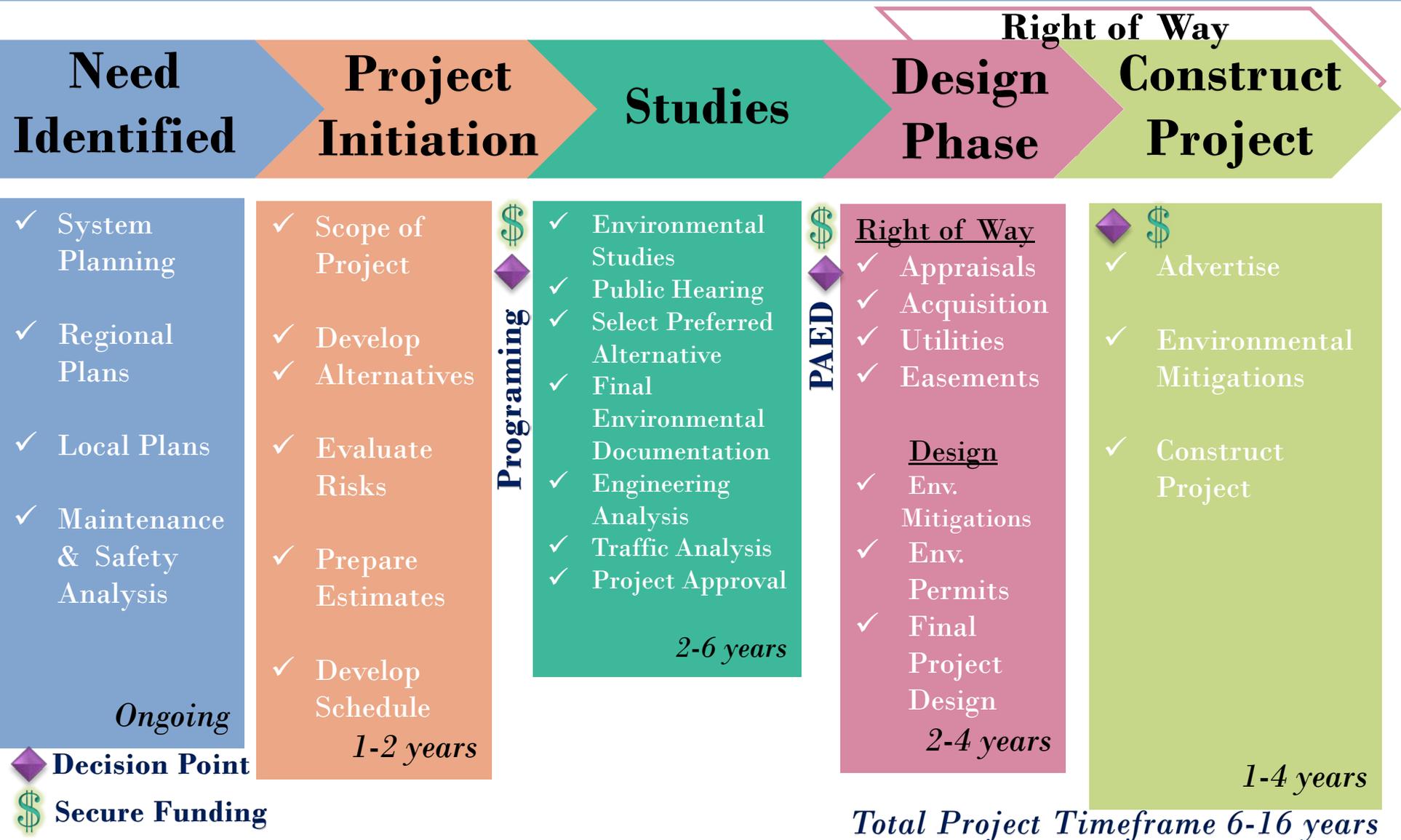
Self-help (Measure) Programs

Regional Impact Fee Programs



**Funding Partnership**

# Overview of Project Delivery Process



## Road Map to Successful Delivery

# How do we identify needs?

## System Planning

Transportation Concept Reports

Corridor Studies

Feasibility Studies

Maintenance & Safety Analysis

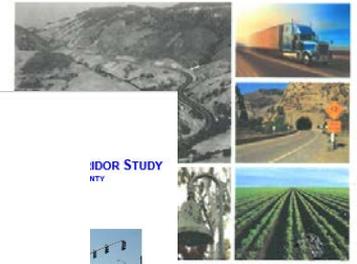
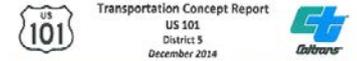
Pavement Program

Bridge Program

Safety Analysis

Regional Transportation Plans

General Plans & other Local Plans



City of Santa Cruz  
Bicycle Transportation Plan 2008

Prepared in conformance with  
California Streets & Highways Code Section 691.2



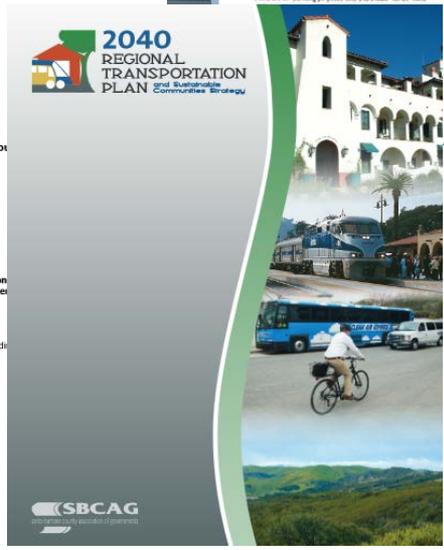
Adopted by the Santa Cruz City Council  
November 25, 2008

Ryan Cooney, Mayor  
Cynthia Mathews, Vice Mayor  
Tony Madrigal  
Ed Porter  
Emily Reilly  
Lynn Robinson  
Mike Kotkin

City Transportation Commission  
Bicycle/Pedestrian Subcommittee Members  
Connie Wilson  
John Carlos Garcia

City Staff  
Cheryl Schmitt, Bicycle/Pedestrian Coordinator

With assistance from  
Rick Hyman



# Planning



# Scoping a Project

## SHOPP- Maintenance CAPM

### Team

### Internal Functional Units

Maintenance, Environmental,  
Design, Planning, Project Management,  
Right of Way, Construction, Landscape  
Architecture, Traffic, Hydraulics

### Deliverables

Programming Document  
Preliminary Environmental Analysis  
R/W Data Sheet  
Workplan  
Schedule

EA: 41120K

PROJECT STUDY REPORT  
STATE OF CALIFORNIA • DEPARTMENT OF TRANSPORTATION

SHEET 1 of 10  
05 - SLO - 101 - KP 43.1  
November 1996

**PROJECT STUDY REPORT**

ON ROUTE: 101  
PRADO ROAD INTERCHANGE

APPROVED: [Signature]  
DISTRICT DIRECTOR

DATE: 12/6/86

APPROVAL RECOMMENDED BY: [Signature]  
DISTRICT DIVISION CHIEF,  
PROJECT COORDINATION

SUBMITTED BY: [Signature]  
PROJECT MANAGER



Planning → PID

# Scoping a Project

## SHOPP – Safety -Median Barrier

### Team

### Internal Functional Units

Maintenance, Environmental,  
Design, Planning, Project Management,  
Right of Way, Construction, Landscape  
Architecture, Traffic, Hydraulics

### Deliverables

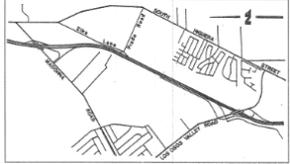
Programming Document  
Preliminary Environmental Analysis  
R/W Data Sheet  
Workplan  
Schedule

Carte Blanche

PROJECT STUDY REPORT  
STATE OF CALIFORNIA • DEPARTMENT OF TRANSPORTATION

EA: 411208  
SHEET 1 of 10  
05 - SLO - 101 - KP 43.1  
November 1996

**PROJECT STUDY REPORT**



ON ROUTE: 101  
PRADO ROAD INTERCHANGE

APPROVED: [Signature]  
DISTRICT DIRECTOR

APPROVAL RECOMMENDED BY: [Signature]  
DISTRICT DIVISION CHIEF,  
PROJECT COORDINATION

DATE: 12/6/06  
SUBMITTED BY: [Signature]  
PROJECT MANAGER



Planning → PID

# Scoping a Project

## STIP Project – SR 46 Widening

### Team

SLO County, SLOCOG, Kern  
COG Fix 46 Task Force, CHP,  
Internal Functional Units District 5 & 6

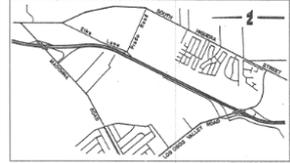
### Deliverables

Programming Document  
Preliminary Environmental  
Evaluation Report  
R/W Data Sheet  
Workplan  
Schedule  
Multi-Agency MOU

PROJECT STUDY REPORT  
STATE OF CALIFORNIA • DEPARTMENT OF TRANSPORTATION

EA: 411206  
SHEET 1 of 10  
05 - SLO - 101 - KP 43.1  
November 1996

**PROJECT STUDY REPORT**



ON ROUTE: 101  
PRADO ROAD INTERCHANGE

APPROVED:  
DISTRICT DIRECTOR

APPROVAL RECOMMENDED BY:  
DISTRICT DIVISION CHIEF,  
PROJECT COORDINATION

DATE: 12/16/06  
SUBMITTED BY:  
PROJECT MANAGER



Planning **PID**

# Project Approval & Environmental Document

## SHOPP- Maintenance CAPM

### Team

Internal Functional Units

### Deliverables

Project Report

Environmental Clearance

(Categorical Exemption/Exclusion)

Preliminary Design Plans



# Project Approval & Environmental Document

## SHOPP – Safety -Median Barrier

### **Team**

Internal Functional Units,  
SLOCOG and City of Paso Robles

### **Deliverables**

Project Report

Environmental Clearance (MND/CE)

Preliminary Design Plans

Funding Cooperative Agreement



# Project Approval & Environmental Document

## STIP Project – SR 46 Widening

### **Team**

SLO County, SLOCOG, Kern  
COG Fix 46 Task Force, CHP,  
Internal Functional  
Units District 5 & 6, Permitting  
Agencies

### **Deliverables**

Project Report  
FEIR/FONSI  
Preliminary Permit Commitments  
Preliminary Design Plans



# Plans, Specs, Estimates & Right of Way

## SHOPP- Maintenance CAPM

### **Team**

Internal Functional Units

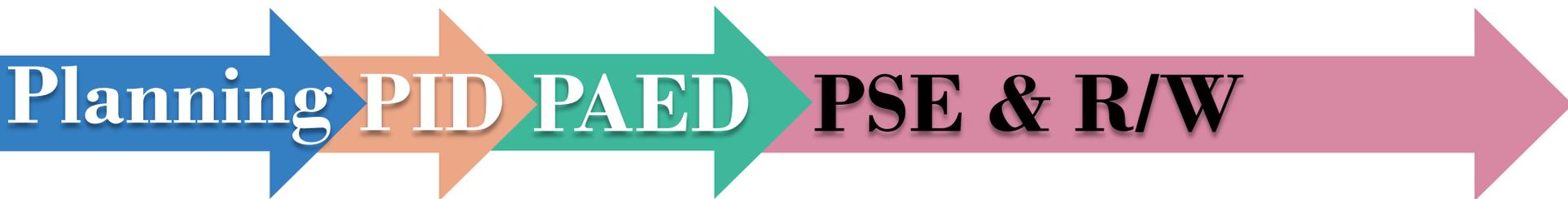
### **Deliverables**

Plans, Specifications, Estimates

Environmental Certification

Final Design Plans

Easements & Utilities



# Plans, Specs, Estimates & Right of Way

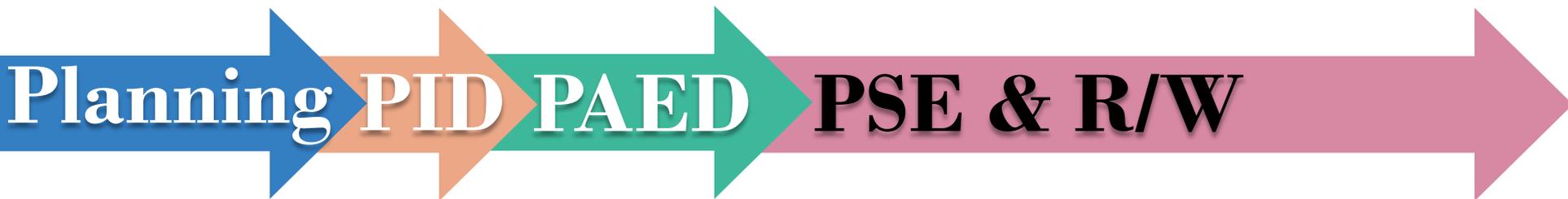
## SHOPP – Safety -Median Barrier

### **Team**

City of Paso Robles, SLOCOG,  
Internal Functional Units

### **Deliverables**

Plans, Specifications, Estimates  
Environmental Certification  
Final Design Plans  
Easements & Utilities



# Plans, Specs, Estimates & Right of Way

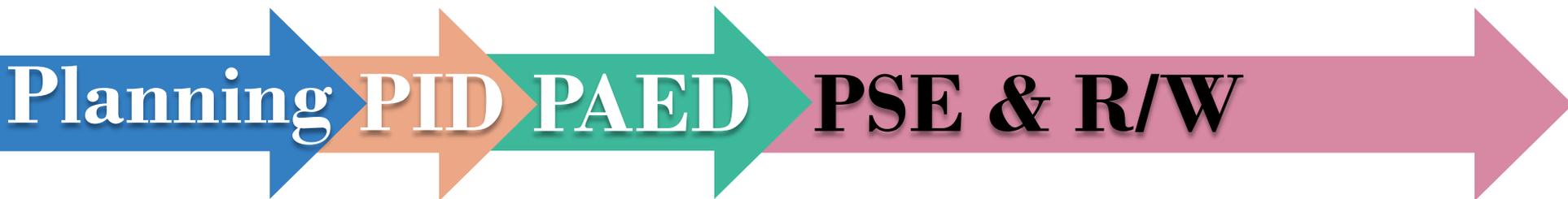
## STIP Project – SR 46 Widening

### **Team**

SLO County, SLOCOG,  
Resource Agencies, CHP, Internal  
Functional Units District 5 & 6

### **Deliverables**

Plans, Specifications, Estimates  
Final Design Plans  
Easements & Utilities  
Acquisitions  
Environmental Permits



# Construction

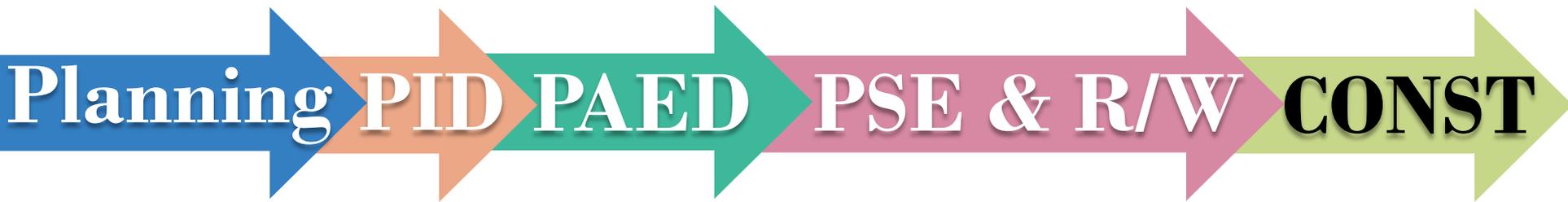
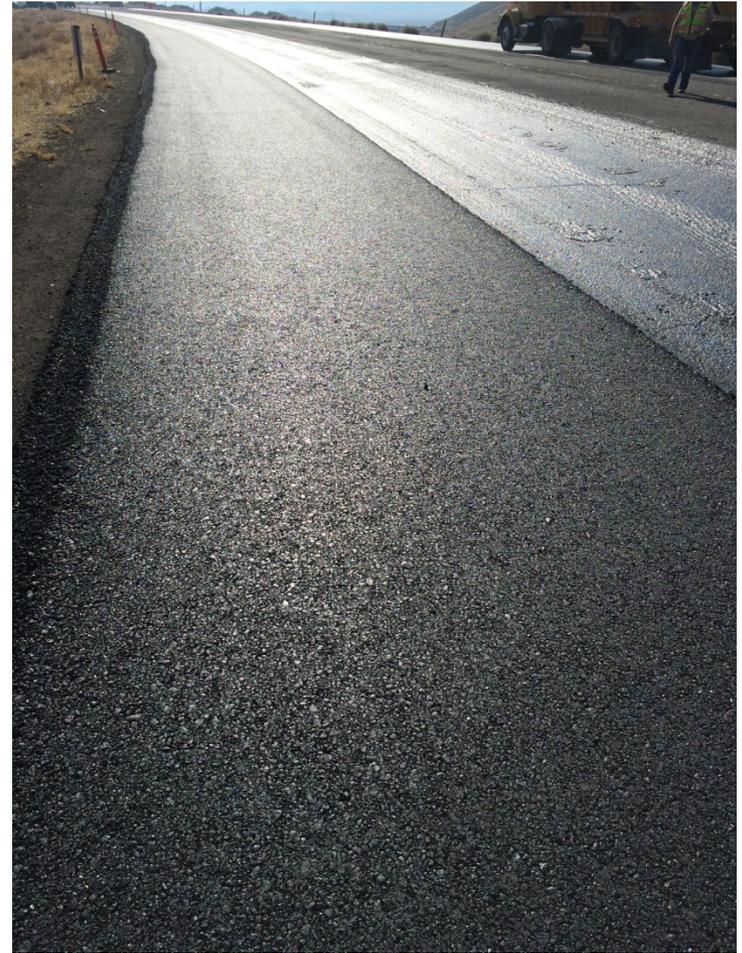
## SHOPP – Maintenance - CAPM

### Team

Internal Functional Units

### Deliverables

New paved roadway surface



# Construction

## SHOPP– Safety - Median Barrier

### Team

City of Paso Robles, SLOCOG

Internal Functional Units

### Deliverables

Textured Median Barrier & Landscaping



# Construction



CONSTRUCTION COMPLETE  
01-22-15



BEFORE CONSTRUCTION  
03-23-10



# Questions?

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