From Problems to Projects

Office of Program and Project Planning

AKA: Project Initiation Document Squad (PIDS)
Key Office Responsibilities

• Coordinate, resource, and develop guidance for Project Initiation Documents (PIDs)

• Caltrans Districts are responsible for completing and approving the PIDs
What is a PID?

- PIDs are the first formal step to develop a solution for a specific transportation problem.
- Engineering document that refines the purpose and need of a proposed transportation project and provides a reliable scope, cost, and schedule.
  - Need (transportation deficiency)
  - Purpose (objectives that will be met to address the transportation deficiency)
  - Preliminary analysis of alternatives that reduce transportation deficiencies and address the purpose and need.
Transportation Needs
Transportation Needs
**Project Schedule and Cost**

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<td>PID Development</td>
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<td>PAED and PS&amp;E Phases Completed</td>
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Purpose of a PID

- PIDs are used as a programming document and are required for all transportation projects over $1 million.

- PIDs ensure that feasible projects move forward into future phases of Project Delivery.

- PIDs provide:
  - a sound basis for commitment of future funding; and
  - a key opportunity to achieve consensus on project scope, cost, and schedule.

- Projects that are inadequately scoped can result in cost overruns, cost underruns, and project delays.
Why are PIDS needed?

Endangered Species Living in Project Area
Why are PIDS needed?

Project includes work on a historic bridge.
Why are PIDs needed?

Railroads Located in Project Area
What happens after a PID is Complete?

- It gets programmed in the State Highway Operation and Protection Program, Interregional Transportation Improvement Program or other Funding Program.
- The Project then moves into the next phase (Environmental).
• Senate Bill 1 and the PID Program

• $15 Billion for state highway maintenance and rehabilitation
• $4 Billion for highway bridge and culvert maintenance and rehabilitation
• $3 Billion for high priority freight corridors
• $2.5 Billion for congested corridor relief
Other Office Responsibilities

• Report the performance of the PID Program to Legislators, Local and Regional Agencies, and other External Stakeholders
  • Maps, Data Analysis, etc.
• Develop monthly status reports on the PID Workload
• Develop funding requests for PID Development
• Manage and monitor expenditures for PID Development
How to Write a PID

• Guidance for PID Development can be found in the Caltrans Project Development Procedures Manual (PDPD/Gold Book) - Chapter 9
  • Entire PDPM - http://www.dot.ca.gov/hq/oppd/pdpm/pdpmn.htm
PID Elements

• Federal Highway Administration Infrastructure Carbon Estimator Tool is used to analyze lifecycle GHG emissions for SHOPP projects during PID development when determined appropriate.

• Risk Management through use of a PID Risk Register.
  • The process concerned with planning for, identifying, analyzing, and responding to project risk.
Questions?