STPI FACTSHEET

"Statewide Transportation Projects Inventory"

Geographical Information System (GIS) Data Repository

What is STPI?:

- GIS Data Repository
- Spatial Opportunities
- Availability & Accessibility to online Resources

STPI is the complete collection for statewide planned transportation projects. The development of geo-spatial information and GIS tools allows visualization of project locations and their relationships with the existing transportation system and land use. Understanding these patterns and interpreting spatial project data conveys short and long-range planning usefulness and provides opportunities for **coordination** and **collaboration** among stakeholders.

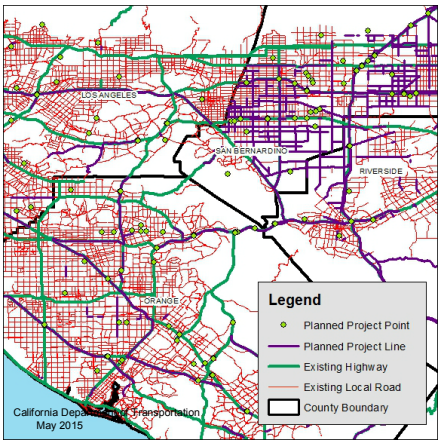
Notable Benefit:

The STPI repository assists planners, engineers, management and policymakers for refining existing land-use & transportation policies.

STPI applies up-to-date data from adopted state modal, tribal transportation, and regional transportation plans that identify gaps and reveal opportunities in enhancing the transportation network.

Initially, the California Interregional Blueprint (CIB) articulated the State's vision for the multimodal system by incorporating geospatial tools and information laying the foundation for the California Transportation Plan (CTP). The CTP's goals and policies complement the transportation agencies' regional transportation plans and their respective sustainable communities strategies that share land use and transportation demands.

STPI is available as a data download and viewable data layers in **ArcGIS**.



Benefits:

- Provides mapping and spatial analysis of current constrained projects in GIS
- Supports improved coordination and timing of transportation projects among California's stakeholders
- Facilitates early planning for a variety of programs, such as scoping considerations in the transportation planning process with Tribal Nations, federal, state, and regional agencies by identifying key challenges and opportunities
- Improves available transportation project data for system and corridor planning, and project scoping coordination for project development
- A way to spatially communicate analysis through GIS tools that agencies use to consider geographic features in the maintenance and design of their infrastructure, and allows to compare asset condition data with socio-demographic, environmental, economic and other related data to identify relationships

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For more information please refer to the following resource websites:

http://www.dot.ca.gov/hq/tpp/offices/osp/stpi.html

http://www.dot.ca.gov/hq/tsip/gis/datalibrary/index.php

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