

10

Action Plan





10 ACTION PLAN

This section summarizes the 2018 RTP/SCS Tier I transportation projects consistent with financial revenue forecasts through 2042, and includes short- and long-range actions.

The project list reflects Scenario 2 (Preferred Scenario/ Infill and Redevelopment) transportation improvement priorities developed through meetings and coordination efforts with StanCOG’s member agencies and Caltrans. The project list is organized by lead agency (responsible jurisdiction), project type, and project purpose. Lead agencies include the Stanislaus Council of Governments, StanCOG’s member jurisdictions, Caltrans, and the San Joaquin Regional Rail Commission (SJJRC). Project types include roadway, bicycle and pedestrian, transit, aviation, and operations and maintenance (O&M) projects. Project purposes include system preservation, capacity enhancement, safety improvement, operational improvement, alternative mode, and complete streets.

The 2018 StanCOG RTP/SCS project list includes approximately \$7.2 billion in project costs. Given that the 2018 StanCOG RTP/SCS financial revenue forecast is approximately \$7.3 billion in available funding through fiscal year 2042, the project list can be considered financially constrained per federal requirements (i.e., Tier I). The 2018 RTP/SCS Investment Plan is discussed in Chapter 5. Funding for the Plan includes local, state, and federal funds for a variety of transportation improvement projects.

Project Selection Criteria

Tier I transportation projects were identified in coordination with Stanislaus County, its nine major cities, the transit agencies, Caltrans, and StanCOG. The projects were nominated by local jurisdictions and StanCOG, and evaluated against regional performance measures to determine the projects that had the highest compatibility with the region’s goals and objectives. Projects were added to the Tier I Project List, which represents financially constrained, priority projects for inclusion in the 2018 RTP/SCS . **Table 10.1** provides a list of key projects included in the 2018 RTP/SCS.

Project Purpose and Need

The Plan is required to “provide a clearly defined justification for its transportation projects and programs.” This requirement is often referred to as the “Purpose and Need.” Caltrans’ describes a project’s “Need” as an identified transportation deficiency or problem, and its “Purpose” as the set of objectives that will be met to address the transportation deficiency. StanCOG has incorporated this information into the project list by adding columns for four categories that show the purpose/ need of each project. The following definitions are used in this document and included on all project lists. As previously stated, project purposes include system preservation, capacity enhancement, safety improvement, operational improvement, alternative mode and complete streets.

TABLE 10.1 - 2018 RTP/SCS Key Projects

Roadway	Project Description
North County Corridor	Ultimate 4 lane expressway from Tully Road to SR 120.
South County Corridor	Ultimate 2-6 lane expressway from Turlock City limits to Interstate 5.
Hwy 132	Realign SR 132 to ultimate 4 lane expressway from SR 99 to Gates Road.
Rail and Transit	Project Description
Bus Rapid Transit	Install bus rapid transit improvements and increase transit services and frequencies.
Rail	Extend ACE rail services from Ceres to Modesto with new stations. Improve MAX facilities and operations.
Alternative Transportation	Project Description
Bicycle and Pedestrian Facilities, Complete Streets, and Recreational Trails	Emphasis on bicycle/pedestrian improvements along central corridors, Class I multi-use trails, and complete street improvements.

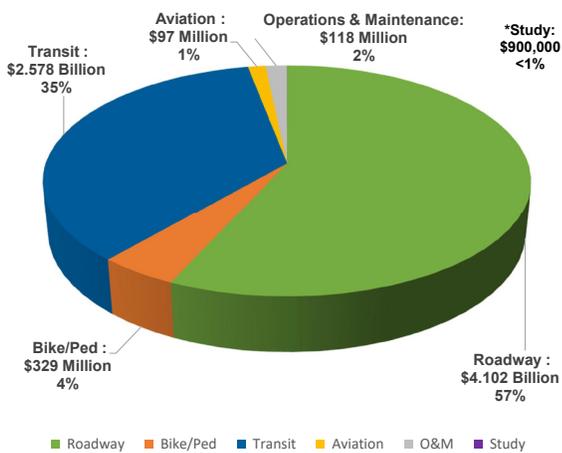
Investment Plan – Tier I Project List

The 2018 RTP/SCS Project List, presented in Appendix K, provides a list of Tier I transportation projects that have been identified as priorities for Stanislaus County and its member jurisdictions.

Figure 10.1 and **Table 10.2** presents the investments by project type (i.e., roadway, bicycle and pedestrian, transit, aviation, operations and maintenance, and studies).

Project types are discussed below.

Figure 10.1 - Transportation Investment by Project Type



Roadway Projects

The roadway projects included in the Plan emphasize congestion relief, connections to accommodate growth, and support for alternative transportation, transit, and rail access. A total of \$4.102 billion (or 57 percent) goes toward roadway capital improvement projects, including road widening, carpool and auxiliary lanes on highways, and new connections for local access.

Bicycle and Pedestrian Projects

The Tier I bicycle and pedestrian projects are proposed to improve mobility and access along corridors. A total of \$329 million (or 5 percent of the total investment) goes toward bicycle and pedestrian projects, including bicycle facilities (e.g., bike lanes, bike paths, signage), sidewalks, ADA improvements, and supporting facilities.

Transit Projects

The Tier I Transit projects include projects for enhancing the accessibility and reliability of bus and rail services for all users. A total of \$2.578 billion (or

approximately 35 percent of the total investment) goes to transit projects, for expanding transit and rail services, bus replacement, reducing to transit headways (increasing frequency), and transit support facilities, such as transit stations, and parking facilities.

Aviation Projects

The aviation projects in Tier I will be for maintenance and rehabilitation of existing airport pavements to improve safety and to maintain them in a state of good repair. A total of \$97 million (or approximately 1 percent of the total investment) goes toward aviation projects, including pavement rehabilitation, runway extension and widening, and layout improvements.

Operations and Maintenance Projects

The emphasis of these projects is on road operations and maintenance (O&M) to help maintain a state of good repair. A total of \$118 million (or 2 percent of the total investment) goes toward operations and maintenance projects, including routine maintenance, major reconstruction, and safety improvements.

Table 10.2 - Investment by Project Type

Project Type	2018 Total	2014 Total
Roadway	\$4,102,377,081	\$2,713,501,300
Bike/Ped	\$329,709,050	\$224,618,300
Transit	\$2,578,080,702	\$1,464,834,119
Aviation	\$97,543,574	\$53,512,800
O&M	\$118,511,692	n/a
Study	\$900,000	n/a
Total by Type:	\$7,227,122,099	\$4,456,466,519

Study Projects

In addition to the project categories above, the 2018 RTP/SCS project list includes three studies related to traffic operations, transportation technology, and electric infrastructure implementation. A total of \$900,000 (or less than 1 percent of the total investment) is identified for conducting the studies.

Stanislaus County SR 99 Regional Concept of Transportation Operations

The 2018 RTP/SCS includes a planning study to develop a SR-99 Regional Concept of Transportation Operations for the 8-lane Widening of SR 99 from County Line to County Line. This will include an ICM component (Managed Lane/ITS/ramp metering/parallel facility integration).

Transportation Technology Strategy for Stanislaus County

The 2018 RTP/SCS includes a planning study to develop a Transportation Technology Strategy (TTS) that can be used to inform the Mobility Element of StanCOG's RTP and its member agency General Plans such that existing policies can be appropriately modified and new policies can be introduced to facilitate and reduce barriers for transportation technologies that will improve the mobility, economic vitality, safety, and the environment. Specifically, the resulting policies are intended to create circumstances under which real actions to create and advance new transportation opportunities can occur.

Electric Infrastructure Implementation Study

The 2018 RTP/SCS includes a planning study to develop a study to examine the opportunities for county-wide implementation of electrification infrastructure for the promotion and continued market penetration of electric

Conclusion

It is StanCOG's intent that funds are dedicated to the greatest needs that align with the priorities of Scenario 2 (Preferred Scenario/Infill and Redevelopment). With the passage of Measure L in 2016 and SB 1 in 2017, the Stanislaus region is well positioned to meet its growing and changing needs. This Action Plan represents a balanced approach to transportation funding, emphasizing a variety of travel modes to meet the daily needs of Stanislaus County residents through 2042.

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