



SENATE BILL (SB) 1 LOCAL PARTNERSHIP PROGRAM  
COMPETITIVE GRANT PROGRAM  
PRELIMINARY PROJECT NOMINATION FORM

Project Title

WHITE ROCK ROAD TRANSPORTATION IMPROVEMENT PROJECT

Implementing Agency

City of Rancho Cordova

Project Summary

The White Rock Road Transportation Improvement Project is part of an innovative multi-jurisdictional planning effort to alleviate regional congestion, improve roadway safety, nurture economic development, and promote the livability and quality of life in the greater Sacramento region. The proposed project will improve approximately 4 miles of White Rock Road from Luyung Drive to Grant Line Road. White Rock Road will be two lanes from Luyung Drive to Grant Line Road, add bike lanes in each direction, and separate traffic with a median.

Which LPP program(s) are you considering nominating this project for? (check all that apply)

- Competitive Grant Program through the STA
- Competitive Grant Program as the Applicant and the Implementing Agency

Total Project Cost: \$25,500,000 (\$21,000,000 Construction)

Request Amount: \$10,500,000

Local Match Amount: \$15,000,000

Sources of Local Match: \$11.5 M – TDIF, \$2.8 M – RSTP, \$0.7 M - CMAQ

Which eligible category does the project most fall under?

Improvements to the local road system

Check to answer YES to the questions below or leave blank to indicate NO:

- Will matching funds be expended concurrently and proportionately to the requested funds?
- Is the total cost of the project at least \$10 million?
- Is the project funding plan sufficient to complete the project?
- Are you able to demonstrate that the LPP funds will not supplant other committed funds?
- Are you able to demonstrate that the LPP funds will be not be used to pay for cost increases?
- Is the requested amount to be only used for the construction component of the project?

## **COMPETITIVE PROGRAM EVALUATION CRITERIA**

(from Page 9 of the 2018 Local Partnership Program Guidelines)

*Briefly describe:*

### The project's cost-effectiveness:

The improved White Rock Road Project is expected to generate \$51.3 million in discounted benefits using a 7 percent discount rate. This amount was derived primarily from the projected reduction in vehicle miles traveled and in person hours traveled, as well as the projected increase in the number of cyclists. This benefit cost analysis was done using PRISM, a benefit cost analysis tool that uses a methodology consistent with the most recent guidelines developed by U.S. DOT. The tool determined benefits according to the following five categories: Quality of Life; Economic Competitiveness; Safety; State of Good Repair; and Environmental Sustainability. In undiscounted real value, the improved White Rock Road is expected to generate a cumulative amount of \$130.9 million as benefits for the region over the 2020-2039 period. This amount would be \$51.3 million if discounted at a 7% annual rate. The project would cost nearly \$23 million, of which \$20 million as capital costs required for opening the new road operation beginning in the summer of 2020 and the remaining \$3 million as operation and maintenance costs during the rest of the project lifecycle. At a 7 percent discount rate, the Project yields a benefit-cost ratio of 3.21.

### The project's regional and community support:

The project is supported by Congressman Ami Bera, Assemblyman Ken Cooley, Caltrans, the County of Sacramento, the Sacramento Transportation Authority, the Sacramento Area Council of Governments (SACOG), the City of Folsom, Easton Development Company LLC, and Elliott Homes.

### Commencement of construction:

12/15/2018

The City of Rancho Cordova has completed the NEPA and CEQA environmental clearance and permitting on the project. Final design is underway, with the project schedule completion dates as follows, pending funding: • Final Design – Summer 2018 • Right-of-Way acquisition (one property owner, 1.22 acres) The City has been in contact with the property owner who is a proponent of the project and therefore the right of way acquisition is considered a low risk to the project schedule and budget. • Bid Advertisement – Fall 2018 • Bid Award-mid-November 2018 • Construction to begin-late 2018/Spring 2019 • Construction completion Fall 2019.

### Leveraging of other committed funds:

The City will use local transportation funds to complete the final design and pay required environmental mitigation which are anticipated to cost \$1.6 million and will be completed by summer 2018. The City of Rancho Cordova has programmed \$9.85 million in local funds, of which \$4.5 million is from local transportation impact fees. In addition, the City has secured \$0.7 million in congestion mitigation and air quality (CMAQ) funds and \$2.8 million regional surface transportation program (RSTP) funds from the

Sacramento Area Council of Governments (SACOG) for construction. The City is asking for \$11 million in LPP funds to fill the funding gap for construction of the project.

Quantifiable air quality improvements, including significant reductions in vehicle-miles traveled:

In 2002, the SACOG Board of Directors initiated the Sacramento Region Blueprint Project, an extensive study of the linkages between transportation land use and air quality in an attempt to solve the challenges of a prospective future of worsening congestion - a projected increase of over 50 percent by the year 2025 -and increasingly worse air pollution based on current land-use patterns, transportation funding levels, and transportation investment priorities. The 50 Corridor Mobility Partnership, which identified the White Rock Road Transportation Improvement Project used the Blueprint Principles to prioritize transportation focuses. The planned housing developments along White Rock Road were chosen based on Priority Growth Areas for the SACOG region, which were developed based on a goal of reducing VMT. The project will have a major impact on the vehicle miles traveled (VMT). Over a 22 year analysis period, we see a decrease of 6.4 million VMT by the users of the road. This equates to a reduction of 6.5 million hours spent on the road over the 20 years operation period. The new road configuration also reduces fatalities, gas consumption and emissions.

How the project furthers the implementation of the sustainable communities strategy:

Relieving congestion on US 50 was a key reason that improvement of White Rock Road was included in SACOG's Metropolitan Transportation Plan/ Sustainable Community Strategy (MTP/SCS). The White Rock Road Improvement project is the remaining piece of the puzzle, the last of a suite of projects that are intended to alleviate regional congestion, improve safety, link current routes for people walking and biking, increase access to planned housing developments and link those planned developments to current and oncoming job centers. The regional impacts to building the project include: • the economic and freight transportation benefits identified by the 50 Corridor Mobility Partnership will be achieved; • White Rock Road will serve as a critical congestion alleviation corridor for US50; • The City of Rancho Cordova (an employment center) will have an accessible and safe connection to Folsom and El Dorado Hills (both housing and employment centers) and the educational institutions along the corridor; • Planned commercial and residential developments, critical to Rancho Cordova's economic growth plans, will be able to proceed as planned; • White Rock Road will have the capacity to be designated and developed as a transit priority and multimodal regional facility to provide alternative modes of transport connecting jobs and housing; and • From 2012 to 2016 this section of White Rock Road experienced 34 Total Collisions, 28 Injuries, and 1 Fatality. The White Rock Road Transportation Improvement Project will reduce the accidents immediately and over a twenty year period, the safety benefit value of reduced fatal accidents would be \$5.4 million in discounted value.