

- 1) Return survey questionnaire to [scott.forsythe@dot.ca.gov](mailto:scott.forsythe@dot.ca.gov) no later than Nov. 7<sup>th</sup>.
- 2) Disregard questions 1,2,3 that have strike through.
- 3) All responses **must not exceed 1500** characters including spaces.
- 4) Question #16: Include file in email transmittal.

## **PNRS SURVEY QUESTIONS:**

**Are you submitting a new project or is this a resubmittal of a project that was previously submitted? New project – answer yes/no:**

Resubmittal of previously submitted project. If you are resubmitting a previously submitted project you do not have to re-enter responses for the open-ended questions if they have not changed from the previous submission. Instead, please enter "no new information."

### **~~Default Question Block~~**

~~1. In order to respond to this survey, you must have the authority to respond on behalf of your agency. Please check with the appropriate agency personnel to determine if you may respond to this survey.~~

~~Do you have the authority to respond on behalf of your agency?~~

### **~~Block 2~~**

~~In order to respond to this survey, you must have the authority to respond on behalf of your agency. Please check with the appropriate agency personnel to determine if you may respond to this survey.~~

### **~~2. What type of agency do you represent?~~**

~~Respondent types are based on eligible applicants as defined in SAFETEA-LU Section 1301 as amended by MAP 21 Section 1120.~~

### **~~3. Please list the name, city, and state of the agency you represent.~~**

~~Agency Name:~~

~~Agency Location:~~

**4. In what state(s) or U.S. territory is the project located? (Select all that apply in the case of multistate or multijurisdictional projects.)**

**California**

**4a. In what county(s) is the project located?**

**Marin, Sonoma, Napa, Solano counties**

**5. Based on your knowledge of the project and the following definition, is the project being submitted an eligible project? (Answering "No" to this question will result in your project being placed in TIER 3.)**

Eligible project means any surface transportation project or set of integrated surface transportation projects closely related in the function they perform, eligible for Federal assistance under title 23, United States Code. Projects may include: public or private rail facilities providing benefits to highway users; surface transportation infrastructure modifications to facilitate intermodal interchange, transfer, and access into and out of ports; and other activities eligible under such title.

**Answer Yes or No: Yes**

**6. Project Title: State Route 37 Improvement and Adaptation Project**

**7. Project Description (limited to 1500 characters including spaces)**

*Please make sure the project description includes how the project is nationally or regionally significant, as required in MAP-21. Please indicate "no new information" if resubmitting a previously submitted project and the description has not changed.*

Highway 37 is increasingly vulnerability to sea level rise and flooding during heavy storms, resulting in highway closures. These events are projected to grow more frequent in the future. This project proposes to develop sea level rise adaptation and replacement options for State Route (SR) 37, located on the northern shore of San Pablo Bay, linking US101 in Novato, Marin County, with Interstate 80 (I-80) in Vallejo, Solano County, California. Benefits to the surrounding marshlands and restoration areas will be incorporated into the project to minimize environmental impacts and the need for mitigation.

Peak hour travel delays occur in the approximately ten-mile long two-lane segment between SR 121 and Mare Island, which connects with four-lane facilities at both ends. Building on the stakeholder process findings of the TRB-funded Highway 37 Stewardship Study, an ongoing feasibility study is assessing roadway improvement and adaptation options based on mapping of inundation areas, vulnerability and risk assessment, and anticipated future multi-modal demand. The feasibility and cost of the following three roadway adaptation options are being evaluated:

- Roadway elevated on a levee;
- Roadway elevated on a concrete post causeway;
- Roadway elevated on wood or concrete "trellis."

**For the following questions, you must describe the project's national or regional significance. (limited to 1500 characters including spaces)**

Please provide information in all relevant areas and if available, provide quantifiable information such as that obtained through preliminary engineering, benefit and cost analysis, etc. To be classified as a TIER 1 PNRS, information must be provided for Questions 8-14. Respondents will be given the opportunity to upload supporting documentation at the end the survey.

*Please indicate "no new information" if resubmitting a previously submitted project and the information has not changed.*

**8. Briefly describe how the project will significantly improve performance of the Federal-aid highway system nationally, or regionally. (limited to 1500 characters including spaces)**

*To the extent possible, please provide specific evidence or information about the ways this project (which may include non-highway projects) will positively change any performance-related features of the Federal-aid highway system - and the extent of that impact. Quantitative information is preferred. Please indicate "no new information" if resubmitting a previously submitted project and the information has not changed.*

Highway 37 is a parallel route north of the Richmond-San Rafael Bridge (I-580), functions as a State Recovery Route for emergency purposes and is part of the Interregional Road System (IRRS) between US 101 and I-80. Inundation of the route, which has an Annual Average Daily Traffic ranging from 33,000 to 43,000 in the vulnerable segments, would divert traffic to the Richmond-San Rafael Bridge (I-580) and SRs 12/121 in Napa and Sonoma Counties and significantly impact those routes.

**9. Briefly describe how the project will generate national economic benefits that reasonably exceed the costs of the project, including increased access to jobs, labor, and other critical economic inputs. (limited to 1500 characters including spaces)**

*To the extent possible, please provide specific citations or evidence linking the completion of this particular project (regardless of whether it is part of a larger facility or non-highway project) to positive changes in the national economy. Quantitative information is preferred. Please indicate "no new information" if resubmitting a previously submitted project and the information has not changed.*

SR 37 is an important regional commute route, freight movement facility, and recreational connection linking the north, east and west San Francisco Bay sub-regions. By linking US 101 to I-80, SR 37 connects job markets and housing within Marin, Sonoma, Napa, and Solano Counties and provides access to the wine industry in the North Bay. It also links popular destinations such as the Golden Gate National Recreation Area (GGNRA) in Marin County and Sonoma Raceway in Sonoma County with Solano County and the Central Valley further east.

**10. Briefly describe how the project will reduce long-term congestion, including impacts in the State, region, and the United States, and increase speed, reliability, and accessibility of the movement of people or freight. (limited to 1500 characters including spaces)**

*To the extent possible, please provide specific citations or evidence linking the completion of this particular project (regardless of whether it is part of a larger facility) to positive changes in current or expected congestion, such as reduced demand on the Federal-aid highway system due to improvement of modal alternatives including transit service and intercity passenger rail, or increased use of intelligent transportation systems, and the extent of that impact. Quantitative information is preferred. If congestion is not an issue this project will address, please indicate that, as well as any related level of service issues (e.g., reliability, accessibility) that may be affected positively by this project. Please indicate "no new information" if resubmitting a previously submitted project and the information has not changed.*

Peak hour travel delays occur at both ends of the approximately ten-mile long two-lane segment between SR 121 and Mare Island, which connects with four-lane facilities on both sides. Facility improvement options include the widening of the two-lane segment to conform to the four lanes at both ends, a transit/HOV option for the additional lane, and a bicycle facility. Inundation of the route, which has an Annual Average Daily Traffic ranging from 33,000 to 43,000 in the vulnerable segments, would divert traffic to the Richmond-San Rafael Bridge (I-580) and SRs 12/121 in Napa and Sonoma Counties and significantly impact those routes.

**11. Briefly describe how the project will improve transportation safety, including reducing transportation accidents, and serious injuries and fatalities. (limited to 1500 characters including spaces)**

*To the extent possible, please provide specific citations or evidence linking the completion of this particular project (regardless of whether it is part of a larger facility) to positive changes in safety for the region or nation. Quantitative information is preferred. Please indicate "no new information" if resubmitting a previously submitted project and the information has not changed.*

The main purpose of the project is to keep SR 37 open as a critical east-west interregional connection for the North Bay. A replacement facility would be built to current roadway standards and provide safer access for maintenance vehicles. Routine maintenance is currently hindered by limitations on soft-shoulder egress.

**12. What percentage of this project will be funded by non-Federal funds? (please only enter a number, DO NOT enter the percent sign)**

*Please indicate "no new information" if resubmitting a previously submitted project and the information has not changed.*

Unknown at this time.

**13. Please describe the level of non-Federal funding sources to construct, maintain, and operate the infrastructure facility. Include a description of key stakeholders you anticipate providing financial support for this project. (limited to 1500 characters including spaces)**

*Please indicate "no new information" if resubmitting a previously submitted project and the information has not changed.*

The project is still in the feasibility and planning stages and funding has not been identified. Key stakeholders for the project include: Congestion Management Agencies of Marin, Sonoma, Napa and Solano Counties, and the Metropolitan Transportation Commission. It is anticipated that all those identified above would be integral in providing technical and financial assistance in the overall project.

**14. What is the estimated total project cost? (Please only enter a number, DO NOT enter a dollar sign)**

To be considered a PNRS-eligible project, the total project cost must be at least \$500M or 50 percent of the amount of Federal highway assistance funds apportioned to the

State in which the project is located. See PNRS Table for a listing of the amount of Federal highway assistance funds per state.

*Please indicate "no new information" if resubmitting a previously submitted project and the information has not changed.*

500,000,000

While validated cost estimates have not yet been prepared for this project, it is estimated the total project will exceed \$500M.

**15. Please provide your contact information.**

Name: **Bijan Sartipi**

Agency: **Caltrans**

Phone:

Email:

**16. Please upload any information that would help to support your survey response. If you have multiple files please combine them into one zip file. All common file types (i.e., PDF, Word, Excel, PPT) are accepted. The maximum file size that can be uploaded is 16MB.**

*If the supporting documents are not able to be loaded into survey tool, send directly to: PNRSSurvey@dot.gov. Documents sent by email must have the same project title as listed in question six on the survey. Any project-related video offered to satisfy the questions in this survey must have hard copy documentation to support the video. Please do not upload any files if you are resubmitting a previously submitted project and you do not have any new supporting files to add.*

In order for a project to be classified as TIER 1 or 2, it is strongly recommended that you upload supporting information.

**SR 37 Fact Sheet**